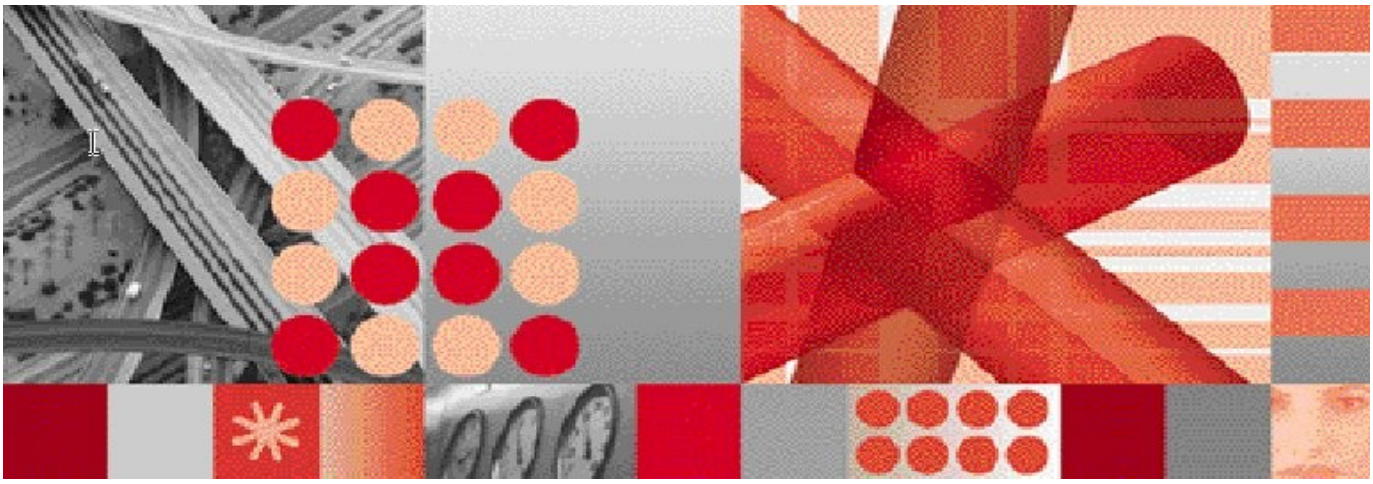
Tivoli Netcool® Performance Manager for Wireless

IBM



UMTS Nokia UTRAN RU10 Functional Specification

Table of Contents

This edition applies to IBM® Tivoli® Netcool® Performance Manager for Wireless and to all subsequent releases and modifications until otherwise indicated in new editions.

This edition applies to IBM® Tivoli® Netcool® Performance Manager for Wireless and to all subsequent releases and modifications until otherwise indicated in new editions.

This edition applies to IBM® Tivoli® Netcool® Performance Manager for Wireless and to all subsequent releases and modifications until otherwise indicated in new editions.

1 Change History

Issue	Date	Author	Comments
1.0	15 March 2010	IBM	Final Release Build 1

2 Outstanding Issues

Number	Date	Description	Planned Resolution
None			

This edition applies to IBM® Tivoli® Netcool® Performance Manager for Wireless and to all subsequent releases and modifications until otherwise indicated in new editions.

3 Prerequisites

This section lists the Tech Pack modules that the current Tech Pack is dependent on.

- Neutral Core GOM
- Neutral GPRS BSS GOM
- Neutral GPRS/UMTS CN GOM
- Neutral GSM BSS/NSS GOM
- Neutral UMTS UTRAN GOM
- VNL GOMlet
- NOK GOMlet
- Neutral UMTS UTRAN Ext GOM

4 Network Model

This section describes the network objects (logical and physical) that are referenced in this technology pack module's data model.

4.1 AGPS_IF

The Assisted-GPS (AGPS) interface to the network AGPS Server

Attribute Name	Description	Type	Related Object
AGPS_IF_Id	The unique identifier for the AGPS interface.	STRING	
AGPS_IF_Name	The user-friendly name preferably unique for the AGPS interface.	STRING	
RNC_Id	The RNC associated with the AGPS_IF	STRING	RNC
Region_Id	The region associated with the AGPS_IF.	STRING	Region
Network_Id	The network associated with the AGPS_IF.	STRING	Network
Node_Id	A unique identifier for the Node.	STRING	
Node_Name	A user friendly name preferably unique for the Node.	STRING	
Node_Type	Type of Node.	STRING	
Version	The hardware/software version of the equipment that handles the AGPS interface.	STRING	
Technology	Technology of the network/element (e.g. GSM, GPRS, UMTS).	STRING	
Vendor	Manufacturer of the AGPS_IF	STRING	

4.2 ASSOIND

M3UA Association Index

Attribute Name	Description	Type	Related Object
ASSOIND_Id	A unique identifier for the Association Index.	STRING	
ASSOIND_Name	A user friendly name preferably unique for the ASSOIND.	STRING	
ASSOSET_Id	The ASSOSET to which the ASSOIND belongs.	STRING	ASSOSET
RNC_Id	The RNC to which the ASSOIND belongs.	STRING	RNC
Region_Id	Region associated with the ASSOIND.	STRING	Region
Network_Id	Network associated with the ASSOIND.	STRING	Network
Node_Id	Node associated with the ASSOIND	STRING	
Node_Type	Node type of the ASSOIND	STRING	
ASSOIND_Version	Hardware/Software version of the ASSOIND.	STRING	
Technology	Technology of the network/element (e.g. GSM, GPRS, UMTS).	STRING	
Vendor	Manufacturer of the ASSOIND	STRING	

4.3 ASSOSET

M3UA Association Set

Attribute Name	Description	Type	Related Object
ASSOSET_Id	A unique identifier for the Association Set.	STRING	
ASSOSET_Name	A user friendly name preferably unique for the ASSOSET.	STRING	
RNC_Id	The RNC to which the ASSOSET belongs.	STRING	RNC
Region_Id	Region associated with the ASSOSET.	STRING	Region
Network_Id	Network associated with the ASSOSET.	STRING	Network
Node_Id	Identifier for the node of the ASSOSET	STRING	

Node_Type	Node Type for the ASSOSET.	STRING	
ASSOSET_Version	Hardware/Software version of the ASSOSET.	STRING	
Technology	Technology of the network/element (e.g. GSM, GPRS, UMTS).	STRING	
Vendor	Manufacturer of the ASSOSET	STRING	

4.4 ATM_Route

The ATM route which consists of one or more hunted virtual paths (VP) or virtual channels (VC), which connect two ATM exchanges.

Attribute Name	Description	Type	Related Object
ATM_Route_Id	The unique identifier for the ATM Route.	STRING	
ATM_Route_Name	The user-friendly name preferably unique for the ATM Route.	STRING	
RNC_Id	The reporting side of the RNC associated with the ATM Route.	STRING	RNC
Region_Id	The region associated with the ATM Route.	STRING	Region
Network_Id	The network associated with the ATM Route.	STRING	Network
Node_Id	A unique identifier for the Node.	STRING	
Node_Name	A user friendly name preferably unique for the Node.	STRING	
Node_Type	Type of Node.	STRING	
Version	The hardware/software version of the equipment that handles the ATM Route.	STRING	
Technology	Technology of the network/element (e.g. GSM, GPRS, UMTS).	STRING	
Vendor	Manufacturer of the ATM_Route	STRING	

This edition applies to IBM® Tivoli® Netcool® Performance Manager for Wireless and to all subsequent releases and modifications until otherwise indicated in new editions.

4.5 ATM_VCC

ATM Virtual Circuit Connection Interface

Attribute Name	Description	Type	Related Object
ATM_VCC_Id	The unique identifier for the ATM VCC.	STRING	
ATM_VCC_Name	The user-friendly name preferably unique for the ATM VCC.	STRING	
ATM_VPC_Id	The ATM VPC associated with the VCC.	STRING	ATM_VPC
Region_Id	The region associated with the VCC.	STRING	Region
Network_Id	The network associated with the VCC.	STRING	Network
Node_Id	A unique identifier for the Node.	STRING	
Node_Name	A user friendly name preferably unique for the Node.	STRING	
Node_Type	Type of Node.	STRING	
Version	The hardware/software version of the ATM switch that handles the VCC.	STRING	
Technology	Technology of the network/element (e.g. GSM, GPRS, UMTS).	STRING	
AAL_Id	Unique identifier for the AAL link.	STRING	
AAL_Name	A user friendly name for the AAL link.	STRING	
NodeB_Id	Identifier of the NodeB.	STRING	
NodeB_Name	Meaningful name of the NodeB.	STRING	
AAL_Type	Type of the AAL link (e.g. AAL1, AAL2, AAL5).	STRING	
Vendor	Manufacturer of the ATM_VCC	STRING	

4.6 ATM_VPC

ATM Virtual Path Connection Interface

Attribute Name	Description	Type	Related Object
ATM_VPC_Id	The unique identifier for the ATM VPC	STRING	

ATM_VPC_Name	The user-friendly name preferably unique for the ATM VPC	STRING	
Region_Id	The region associated with the ATM VPC.	STRING	Region
Network_Id	The network associated with the ATM VPC.	STRING	Network
Node_Id	A unique identifier for the Node.	STRING	
Node_Name	A user friendly name preferably unique for Node.	STRING	
Node_Type	Type of Node.	STRING	
Version	The hardware/software version of the ATM switch that handles the VPC.	STRING	
Technology	Technology of the network/element (e.g. GSM, GPRS, UMTS).	STRING	
Vendor	Manufacturer of the ATM_VPC	STRING	

4.7 Cell

The Cell handles the radio interface to the mobile station. The Cell is the radio equipment (transceivers and antennas) needed to service each cell in the network. A group of Cells is controlled by a BSC.

Attribute Name	Description	Type	Related Object
Cell_Id	A unique identifier for the Cell.	STRING	
Cell_Name	A user friendly name preferably unique for the Cell.	STRING	
BSC_Id	A unique identifier for the BSC.	STRING	BSC
BS_Id	A unique identifier for the BS at which the Cell is located. The BS at which the cell is located.	STRING	BS
GPRS_Cell_Id	A unique identifier for the Cell.	STRING	Cell
LAC_Id	The Location Area Code encompassing the Cell.	STRING	LAC
MSC_Id	A unique identifier for the MSC.	STRING	MSC

NSVC_Id	A unique identifier for the NSVC.	STRING	NSVC
Network_Id	Network associated with the Cell.	STRING	Network
PCU_Id	A unique identifier for the PCU.	STRING	PCU
Region_Id	Region associated with the Cell.	STRING	Region
Registration_Area_Id	A unique identifier for the Registration_Area.	STRING	Registration _Area
Routing_Area_Id	A unique identifier for the Routing_Area.	STRING	Routing_Are a
SGSN_Id	A unique identifier for the SGSN.	STRING	SGSN
UMTS_Cell_Id	A unique identifier for the Cell.	STRING	Cell
RNC_Id		STRING	RNC
NodeB_Id		STRING	NodeB
BCH_Power	Broadcast channel power.	STRING	
BVC_Id	A unique identifier for the BVC.	STRING	
Cell_Description	Description of Cell.	STRING	
Cell_Type	Is the cell omni_directional, or a sector, or micro/pico/macro/umbrella cell, etc.	STRING	
Cell_Version	Hardware/Software version of the Cell.	STRING	
Dedicated_PDCH	Dedicated Packet Data Channel.	INTEGE R	
Defined_CCH	Number of defined CCH channels for the Cell.	INTEGE R	
Defined_PDCH	Designated Packet Data Channel.	INTEGE R	
Defined_TCH	Number of defined TCH channels of the Cell.	INTEGE R	
Defined_TRX	Number of defined TRX belonging to the cell.	INTEGE R	
Max_Power	The bs_tx_pwr_max configuration attribute.	FLOAT	
NSVC_CN_Id	A unique identifier for the NSVC CN.	STRING	
Primary_Common_Pilot_ Ch_Power	Primary CPICH channel power.	FLOAT	

Primary_Scrambling_Code	Primary DL scrambling code.	STRING	
Primary_Sync_Ch_Power	Primary synchronisation channel power, DL.	FLOAT	
Secondary_Sync_Ch_Power	Secondary synchronisation channel power, DL.	STRING	
Segment_Id	A unique identifier for the Segment.	STRING	
Technology	Technology of the network/element (e.g. GSM, GPRS, UMTS).	STRING	
UTRAN_Absolute_Radio_Freq_DL	DL UTRAN absolute Radio Frequency Channel number.	STRING	
UTRAN_Absolute_Radio_Freq_UL	UL UTRAN absolute Radio Frequency Channel number.	STRING	
UARFCNUL	UL UTRAN absolute Radio Frequency Channel number	STRING	
UARFCNDL	DLL UTRA absolute Radio Frequency Channel number	STRING	
PRIMSCRMBLCD	Primary DL scrambling code	STRING	
PRIMCPICHPWR	Primary CPICH channel power	INTEGER	
PRIMSCHPWR	Primary synchronisation channel power, DL	INTEGER	
SECSCHPWR	Secondary synchronisation channel power, DL	STRING	
BCHPOWER	Broadcast channel power	STRING	
Vendor	Manufacturer of the Cell	STRING	

4.8 Computer_Unit

Computer Unit within Nokia NE

Attribute Name	Description	Type	Related Object

Computer_Unit_Id	Computer Unit id	STRING	
Computer_Unit_Name	Computer Unit name	STRING	
Region_Id	The region associated with the computer unit.	STRING	Region
Network_Id	The network associated with the computer unit.	STRING	Network
Computer_Unit_Type	Type of Computer Unit	STRING	
Version	The hardware/software version for the computer unit.	STRING	
Technology	Technology of the network/element (e.g. GSM, GPRS, UMTS).	STRING	
Node_Id	Identifier of the Node (e.g. MGW, RNC).	STRING	
Node_Name	Meaningful name of the Node.	STRING	
Node_Type	Type of the Node (cf. MGW, RNC).	STRING	
Vendor	Manufacturer of the Computer_Unit	STRING	

4.9 Destination_Point

Destination Point

Attribute Name	Description	Type	Related Object
Destination_Point_Id	The unique identifier for the Destination Point	STRING	
Destination_Point_Name	The user-friendly name preferably unique for the Destination Point.	STRING	
Region_Id	The region associated with the Destination Point.	STRING	Region
Network_Id	The network associated with the Destination Point.	STRING	Network
Node_Id	A unique identifier for the Node.	STRING	
Node_Name	A user friendly name preferably unique for the Node.	STRING	
Node_Type	Type of Node.	STRING	
Version	The hardware/software version of the equipment that handles the Destination Point.	STRING	
Technology	Technology of the network/element (e.g. GSM,	STRING	

	GPRS, UMTS).		
Vendor	Manufacturer of the Destination_Point	STRING	

4.10 DSP_Pool

DSP Pool

Attribute Name	Description	Type	Related Object
DSP_Pool_Id	The unique identifier for the DSP Pool.	STRING	
DSP_Pool_Name	The user-friendly name preferably unique for the DSP Pool.	STRING	
RNC_Id	The RNC associated with the WBTS which supports the DSP Pool.	STRING	RNC
Region_Id	The region associated with the DSP Pool.	STRING	Region
Network_Id	The network associated with the DSP Pool.	STRING	Network
Version	The hardware/software version of the equipment that handles the DSP Pool.	STRING	
Technology	Technology of the network/element (e.g. GSM, GPRS, UMTS).	STRING	
Vendor	Manufacturer of the DSP_Pool	STRING	

4.11 DSP_Service_Type

DSP Service Tyoe

Attribute Name	Description	Type	Related Object
DSP_Service_Type_Id	The unique identifier of the DSP Service Type	STRING	
DSP_Service_Type_Name	A user-friendly name for the DSP Service Type	STRING	
Vendor	Manufacturer of the DSP_Service_Type	STRING	

4.12 Ethernet_IF

Etherment Interface

Attribute Name	Description	Type	Related Object
Ethernet_IF_Id	The unique identifier for the Ethernet Interface.	STRING	
Ethernet_IF_Name	The user-friendly name preferably unique for the Ethernet Interface.	STRING	
RNC_Id	The RNC which supports the Ethernet Interface.	STRING	RNC
Region_Id	The region associated with the Ethernet Interface.	STRING	Region
Network_Id	The network associated with the Ethernet Interface.	STRING	Network
Node_Id	A unique identifier for the Node.	STRING	
Node_Name	A user friendly name preferably unique for the Node.	STRING	
Node_Type	Type of Node.	STRING	
Version	The hardware/software version of the equipment that handles the Ethernet Interface.	STRING	
Technology	Technology of the network/element (e.g. GSM, GPRS, UMTS).	STRING	
Vendor	Manufacturer of the Ethernet_IF	STRING	

4.13 Exchange_Terminal

Exchange Terminal

Attribute Name	Description	Type	Related Object
Exchange_Terminal_Id	The unique identifier of the Exchange_Terminal	STRING	
Exchange_Terminal_Name	A user-friendly name for the Exchange_Terminal	STRING	
Region_Id	Region associated with the Exchange_Terminal	STRING	Region
Network_Id	The Network associated with the Exchange_Terminal	STRING	Network
ET_Unit_Type	The exchange terminal unit type	STRING	

ET_Unit_Index	The exchange terminal unit index	STRING	
Node_Id	The name of the node associated with the object	STRING	
Node_Name	A user friendly name preferably unique for the Node.	STRING	
Node_Type	The type node associated with the object	STRING	
Vendor	Manufacturer of the Exchange_Terminal	STRING	

4.14 FTM_AAL2

The Flexi Transport Module (on Flexi Base Station) AAL2 Object

Attribute Name	Description	Type	Related Object
FTM_AAL2_Id	The unique identifier for the FTM AAL2.	STRING	
FTM_AAL2_Name	The user-friendly name preferably unique for the FTM AAL2.	STRING	
NodeB_Id	The reporting side of the WBTS associated with the FTM AAL2.	STRING	NodeB
RNC_Id	The reporting side of the RNC associated with the FTM AAL2.	STRING	RNC
Region_Id	The region associated with the FTM AAL2.	STRING	Region
Network_Id	The network associated with the FTM AAL2.	STRING	Network
Node_Id	A unique identifier for the Node.	STRING	
Node_Name	A user friendly name preferably unique for the Node.	STRING	
Node_Type	Type of Node.	STRING	
Version	The hardware/software version of the equipment that handles the FTM AAL2.	STRING	
Technology	Technology of the network/element (e.g. GSM, GPRS, UMTS).	STRING	
Vendor	Manufacturer of the FTM_AAL2	STRING	

4.15 FTM_ATM_IF

The Flexi Transport Module (on Flexi Base Station) ATM interface object.

Attribute Name	Description	Type	Related Object
FTM_ATM_IF_Id	The unique identifier for the FTM ATM Interface.	STRING	
FTM_ATM_IF_Name	The user-friendly name preferably unique for the FTM ATM Interface.	STRING	
NodeB_Id	The WBTS associated with the FTM ATM Interface.	STRING	NodeB
RNC_Id	The RNC associated with the WBTS which supports the FTM ATM Interface.	STRING	RNC
Region_Id	The region associated with the FTM ATM Interface.	STRING	Region
Network_Id	The network associated with the FTM ATM Interface.	STRING	Network
Node_Id	A unique identifier for the Node.	STRING	
Node_Name	A user friendly name preferably unique for the Node.	STRING	
Node_Type	Type of Node.	STRING	
Version	The hardware/software version of the equipment that handles the FTM ATM Interface.	STRING	
Technology	Technology of the network/element (e.g. GSM, GPRS, UMTS).	STRING	
Vendor	Manufacturer of the FTM_ATM_IF	STRING	

4.16 FTM_ATM_VC

The Flexi Transport Module (on Flexi Base Station) ATM Virtual Channel object.

Attribute Name	Description	Type	Related Object
FTM_ATM_VC_Id	The unique identifier for the FTM ATM Virtual Channel.	STRING	

FTM_ATM_VC_Name	The user-friendly name preferably unique for the FTM ATM Virtual Channel.	STRING	
NodeB_Id	The WBTS associated with the FTM ATM Virtual Channel.	STRING	NodeB
RNC_Id	The RNC associated with the WBTS which supports the FTM ATM Virtual Channel.	STRING	RNC
Region_Id	The region associated with the FTM ATM Virtual Channel.	STRING	Region
Network_Id	The network associated with the FTM ATM Virtual Channel.	STRING	Network
Node_Id	A unique identifier for the Node.	STRING	
Node_Name	A user friendly name preferably unique for the Node.	STRING	
Node_Type	Type of Node.	STRING	
Version	The hardware/software version of the equipment that handles the FTM ATM Virtual Channel.	STRING	
Technology	Technology of the network/element (e.g. GSM, GPRS, UMTS).	STRING	
Vendor	Manufacturer of the FTM_ATM_VC	STRING	

4.17 FTM_ATM_VP

The Flexi Transport Module (on Flexi Base Station) ATM Virtual Path object.

Attribute Name	Description	Type	Related Object
FTM_ATM_VP_Id	The unique identifier for the FTM ATM Virtual Path.	STRING	
FTM_ATM_VP_Name	The user-friendly name preferably unique for the FTM ATM Virtual Path.	STRING	
FTM_ATM_IF_Id	The WBTS associated with the FTM ATM	STRING	FTM_ATM

	Virtual Path.		_IF
NodeB_Id	The ATM interface associated with the FTM ATM Virtual Path.	STRING	NodeB
RNC_Id	The RNC associated with the WBTS which supports the FTM ATM Virtual Path.	STRING	RNC
Region_Id	The region associated with the FTM ATM Virtual Path.	STRING	Region
Network_Id	The network associated with the FTM ATM Virtual Path.	STRING	Network
Node_Id	A unique identifier for the Node.	STRING	
Node_Name	A user friendly name preferably unique for the Node.	STRING	
Node_Type	Type of Node.	STRING	
Version	The hardware/software version of the equipment that handles the FTM ATM Virtual Path.	STRING	
Technology	Technology of the network/element (e.g. GSM, GPRS, UMTS).	STRING	
Vendor	Manufacturer of the FTM_ATM_VP	STRING	

4.18 FTM_Ethernet_Link

The Flexi Transport Module (on Flexi Base Station) Ethernet Link interface object.

Attribute Name	Description	Type	Related Object
FTM_Etherlink_Id	The unique identifier for the FTM Ethernet Link.	STRING	
FTM_Etherlink_Name	The user-friendly name preferably unique for the FTM Ethernet Link.	STRING	
NodeB_Id	The WBTS associated with the FTM Ethernet Link.	STRING	NodeB
RNC_Id	The RNC associated with the WBTS which supports the FTM Ethernet Link.	STRING	RNC
Region_Id	The region associated with the FTM Ethernet Link.	STRING	Region

Network_Id	The network associated with the FTM Ethernet Link.	STRING	Network
Node_Id	A unique identifier for the Node.	STRING	
Node_Name	A user friendly name preferably unique for the Node.	STRING	
Node_Type	Type of Node.	STRING	
Version	The hardware/software version of the equipment that handles the FTM Ethernet Link.	STRING	
Technology	Technology of the network/element (e.g. GSM, GPRS, UMTS).	STRING	
Vendor	Manufacturer of the FTM_Ethernet_Link	STRING	

4.19 FTM_IP

The Flexi Transport Module (on Flexi Base Station) IP Interface Object

Attribute Name	Description	Type	Related Object
FTM_IP_Id	The unique identifier for the FTM IP.	STRING	
FTM_IP_Name	The user-friendly name preferably unique for the FTM IP.	STRING	
NodeB_Id	The reporting side of the WBTS associated with the FTM IP.	STRING	NodeB
RNC_Id	The reporting side of the RNC associated with the FTM IP.	STRING	RNC
Region_Id	The region associated with the FTM IP.	STRING	Region
Network_Id	The network associated with the FTM IP.	STRING	Network
Node_Id	A unique identifier for the Node.	STRING	
Node_Name	A user friendly name preferably unique for the Node.	STRING	
Node_Type	Type of Node.	STRING	

Version	The hardware/software version of the equipment that handles the FTM IP.	STRING	
Technology	Technology of the network/element (e.g. GSM, GPRS, UMTS).	STRING	
Vendor	Manufacturer of the FTM_IP	STRING	

4.20 FTM_PDH_IF

The Flexi Transport Module (on Flexi Base Station) PDH interface object.

Attribute Name	Description	Type	Related Object
FTM_PDH_IF_Id	The unique identInterface.ier for the FTM PDH Interface.	STRING	
FTM_PDH_IF_Name	The user-friendly name preferably unique for the FTM PDH Interface.	STRING	
NodeB_Id	The WBTS associated with the FTM PDH Interface.	STRING	NodeB
RNC_Id	The RNC associated with the WBTS which supports the FTM PDH Interface.	STRING	RNC
Region_Id	The region associated with the FTM PDH Interface.	STRING	Region
Network_Id	The network associated with the FTM PDH Interface.	STRING	Network
Node_Id	A unique identifier for the Node.	STRING	
Node_Name	A user friendly name preferably unique for the Node.	STRING	
Node_Type	Type of Node.	STRING	
Version	The hardware/software version of the equipment that handles the FTM PDH Interface.	STRING	
Technology	Technology of the network/element (e.g. GSM, GPRS, UMTS).	STRING	
Vendor	Manufacturer of the FTM_PDH_IF	STRING	

4.21 FTM_PHB

The Flexi Transport Module (on Flexi Base Station) PHB Object

Attribute Name	Description	Type	Related Object
FTM_PHB_Id	The unique identifier for the FTM PHB.	STRING	
FTM_PHB_Name	The user-friendly name preferably unique for the FTM PHB.	STRING	
NodeB_Id	The reporting side of the WBTS associated with the FTM PHB.	STRING	NodeB
RNC_Id	The reporting side of the RNC associated with the FTM PHB.	STRING	RNC
Region_Id	The region associated with the FTM PHB.	STRING	Region
Network_Id	The network associated with the FTM PHB.	STRING	Network
Node_Id	A unique identifier for the Node.	STRING	
Node_Name	A user friendly name preferably unique for the Node.	STRING	
Node_Type	Type of Node.	STRING	
Version	The hardware/software version of the equipment that handles the FTM PHB.	STRING	
Technology	Technology of the network/element (e.g. GSM, GPRS, UMTS).	STRING	
Vendor	Manufacturer of the FTM_PHB	STRING	

4.22 FTM_PSN_IP

The Flexi Transport Module (on Flexi Base Station) IP Connection Tunnel interface object.

Attribute Name	Description	Type	Related Object
FTM_PSN_IP_Id	The unique identifier for the FTM PSN IP Interface.	STRING	
FTM_PSN_IP_Name	The user-friendly name preferably unique for the FTM PSN IP Interface.	STRING	

This edition applies to IBM® Tivoli® Netcool® Performance Manager for Wireless and to all subsequent releases and modifications until otherwise indicated in new editions.

NodeB_Id	The WBTS associated with the FTM PSN IP Interface.	STRING	NodeB
RNC_Id	The RNC associated with the WBTS which supports the FTM PSN IP Interface.	STRING	RNC
Region_Id	The region associated with the FTM PSN IP Interface.	STRING	Region
Network_Id	The network associated with the FTM PSN IP Interface.	STRING	Network
Node_Id	A unique identifier for the Node.	STRING	
Node_Name	A user friendly name preferably unique for the Node.	STRING	
Node_Type	Type of Node.	STRING	
Version	The hardware/software version of the equipment that handles the FTM PSN IP Interface.	STRING	
Technology	Technology of the network/element (e.g. GSM, GPRS, UMTS).	STRING	
Vendor	Manufacturer of the FTM_PSN_IP	STRING	

4.23 FTM_PWMP_IF

The Flexi Transport Module (on Flexi Base Station) SDH VCX interface object.

Attribute Name	Description	Type	Related Object
FTM_PWMP_IF_Id	The unique identifier for the FTM SDH VCX Interface.	STRING	
FTM_PWMP_IF_Name	The user-friendly name preferably unique for the FTM SDH VCX Interface.	STRING	
NodeB_Id	The WBTS associated with the FTM SDH VCX Interface.	STRING	NodeB
RNC_Id	The RNC associated with the WBTS which supports the FTM SDH VCX Interface.	STRING	RNC
Region_Id	The region associated with the FTM SDH VCX Interface.	STRING	Region
Network_Id	The network associated with the FTM SDH	STRING	Network

	VCX Interface.		
Node_Id	A unique identifier for the Node.	STRING	
Node_Name	A user friendly name preferably unique for the Node.	STRING	
Node_Type	Type of Node.	STRING	
Version	The hardware/software version of the equipment that handles the FTM SDH VCX Interface.	STRING	
Technology	Technology of the network/element (e.g. GSM, GPRS, UMTS).	STRING	
Vendor	Manufacturer of the FTM_PWMP_IF	STRING	

4.24 FTM_SDH_IF

The Flexi Transport Module (on Flexi Base Station) SDH interface object.

Attribute Name	Description	Type	Related Object
FTM_SDH_IF_Id	The unique identifier for the FTM SDH link Interface.	STRING	
FTM_SDH_IF_Name	The user-friendly name preferably unique for the FTM SDH link Interface.	STRING	
NodeB_Id	The WBTS associated with the FTM SDH link Interface.	STRING	NodeB
RNC_Id	The RNC associated with the WBTS which supports the FTM SDH link Interface.	STRING	RNC
Region_Id	The region associated with the FTM SDH link Interface.	STRING	Region
Network_Id	The network associated with the FTM SDH link Interface.	STRING	Network
Node_Id	A unique identifier for the Node.	STRING	
Node_Name	A user friendly name preferably unique for the	STRING	

	Node.		
Node_Type	Type of Node.	STRING	
Version	The hardware/software version of the equipment that handles the FTM SDH link Interface.	STRING	
Technology	Technology of the network/element (e.g. GSM, GPRS, UMTS).	STRING	
Vendor	Manufacturer of the FTM_SDH_IF	STRING	

4.25 IMA_Group

IMA Group

Attribute Name	Description	Type	Related Object
IMA_Group_Id	A unique identifier for the IMA Group.	STRING	
IMA_Group_Name	A user friendly name for the IMA Group.	STRING	
Region_Id	The region associated with the IMA Group.	STRING	Region
Network_Id	The network associated with the IMA Group.	STRING	Network
NodeB_Id	A unique identifier for the NodeB.	STRING	NodeB
RNC_Id	A unique identifier for the RNC.	STRING	RNC
Node_Id	A unique identifier for the Node.	STRING	
Node_Type	Type of Node.	STRING	
Version	The hardware/software version for the ATM equipment that manage the IMA Group circuit.	STRING	
Technology	Technology of the network/element (e.g. GSM, GPRS, UMTS).	STRING	
IMA_Group_Type	Type or Information about the IMA Group.	STRING	
Vendor	Manufacturer of the IMA_Group	STRING	

4.26 Interface

Interface

Attribute Name	Description	Type	Related

			Object
Iface_Id	Identifier for the Interface.	STRING	
Iface_Name	Meaningful name for the Interface.	STRING	
Region_Id	The region associated with the STM equipment	STRING	Region
Network_Id	The network associated with the STM equipment	STRING	Network
Exchange_Terminal_Type	Type of SDH Exchange terminal	STRING	
Version	The hardware/software version of the STM equipment	STRING	
Technology	Technology of the network/element (e.g. GSM, GPRS, UMTS).	STRING	
Node_Id	Identifier of the interface parents (e.g. SGSN, GGSN, ROUTER)	STRING	
Node_Type	Type of the interface parent (e.g. SGSN, GGSN)	STRING	
Iface_Type	Type of the interface (e.g. ATM, FR, IP)	STRING	
Mag_Id	Magazin identifier	STRING	
Slot_Id	Slot identifier	STRING	
Iface_Direction	Interface direction and/or traffic type (e.g. Simplex, Half-duplex, Full-Duplex, Incoming, Outgoing)	STRING	
Vendor	Manufacturer of the Interface	STRING	

4.27 IP_IF

IP Interface

Attribute Name	Description	Type	Related Object
IP_IF_Id	The unique identifier for the IP Interface.	STRING	
IP_IF_Name	The user-friendly name preferably unique for	STRING	

	the IP Interface.		
RNC_Id	The RNC which supports the IP Interface.	STRING	RNC
Region_Id	The region associated with the IP Interface.	STRING	Region
Network_Id	The network associated with the IP Interface.	STRING	Network
Node_Id	A unique identifier for the Node.	STRING	
Node_Name	A user friendly name preferably unique for the Node.	STRING	
Node_Type	Type of Node.	STRING	
Version	The hardware/software version of the equipment that handles the IP Interface.	STRING	
Technology	Technology of the network/element (e.g. GSM, GPRS, UMTS).	STRING	
Vendor	Manufacturer of the IP_IF	STRING	

4.28 IP_PHB

IP PHB

Attribute Name	Description	Type	Related Object
IP_PHB_Id	The unique identifier of Per Hop Behaviour (PHB)	STRING	
IP_PHB_Name	A user-friendly name for Per Hop Behaviour (PHB)	STRING	
Vendor	Manufacturer of the IP_PHB	STRING	

4.29 IP_Route_BTS

IP Route on NodeB

Attribute Name	Description	Type	Related Object
IP_Route_BTS_Id	The unique identifier for the IP Route BTS.	STRING	
IP_Route_BTS_Name	The user-friendly name preferably unique for the IP Route BTS.	STRING	
NodeB_Id	The reporting side of the WBTS associated with	STRING	NodeB

	the IP Route BTS.		
RNC_Id	The reporting side of the RNC associated with the IP Route BTS	STRING	RNC
Region_Id	The region associated with the IP Route BTS	STRING	Region
Network_Id	The network associated with the IP Route BTS.	STRING	Network
Node_Id	A unique identifier for the Node.	STRING	
Node_Name	A user friendly name preferably unique for the Node.	STRING	
Node_Type	Type of Node.	STRING	
Version	The hardware/software version of the equipment that handles the IP Route BTS.	STRING	
Technology	Technology of the network/element (e.g. GSM, GPRS, UMTS).	STRING	
Vendor	Manufacturer of the IP_Route_BTS	STRING	

4.30 IP_Route

IP Route

Attribute Name	Description	Type	Related Object
IP_Route_Id	The unique identifier for the IP Route.	STRING	
IP_Route_Name	The user-friendly name preferably unique for the IP Route.	STRING	
RNC_Id	The reporting side of the RNC associated with the IP Route.	STRING	RNC
Region_Id	The region associated with the IP Route.	STRING	Region
Network_Id	The network associated with the IP Route.	STRING	Network
Node_Id	A unique identifier for the Node.	STRING	
Node_Name	A user friendly name preferably unique for the Node.	STRING	

Node_Type	Type of Node.	STRING	
Version	The hardware/software version of the equipment that handles the IP Route.	STRING	
Technology	Technology of the network/element (e.g. GSM, GPRS, UMTS).	STRING	
Vendor	Manufacturer of the IP_Route	STRING	

4.31 IuPC_IF

Logical interface between an RNC and a stand-alone AGPS SMLC (SAS) within the UTRAN.

Attribute Name	Description	Type	Related Object
IuPC_IF_Id	The unique identifier for the IuPC interface.	STRING	
IuPC_IF_Name	The user-friendly name preferably unique for the IuPC interface.	STRING	
RNC_Id	The reporting side of the RNC associated with the IuPC interface.	STRING	RNC
Region_Id	The region associated with the IuPC interface.	STRING	Region
Network_Id	The network associated with the IuPC interface.	STRING	Network
Node_Id	A unique identifier for the Node.	STRING	
Node_Name	A user friendly name preferably unique for the Node.	STRING	
Node_Type	Type of Node.	STRING	
Version	The hardware/software version of the equipment that handles the IuPC interface.	STRING	
Technology	Technology of the network/element (e.g. GSM, GPRS, UMTS).	STRING	
Vendor	Manufacturer of the IuPC_IF	STRING	

4.32 IuPS_IF

Logical interface between an RNC GTPU unit and the SGSN within the UTRAN.

Attribute Name	Description	Type	Related Object

IuPS_IF_Id	The unique identifier for the IuPS interface.	STRING	
IuPS_IF_Name	The user-friendly name preferably unique for the IuPS interface.	STRING	
RNC_Id	The reporting side of the RNC associated with the IuPS interface.	STRING	RNC
Region_Id	The region associated with the IuPS interface.	STRING	Region
Network_Id	The network associated with the IuPS interface.	STRING	Network
Node_Id	A unique identifier for the Node.	STRING	
Node_Name	A user friendly name preferably unique for the Node.	STRING	
Node_Type	Type of Node.	STRING	
Version	The hardware/software version of the equipment that handles the IuPS interface.	STRING	
Technology	Technology of the network/element (e.g. GSM, GPRS, UMTS).	STRING	
Vendor	Manufacturer of the IuPS_IF	STRING	

4.33 LCG

The local cell group unit which manages the channel resources under WBTS

Attribute Name	Description	Type	Related Object
LCG_Id	The unique identifier for the LCG.	STRING	
LCG_Name	The user-friendly name preferably unique for the LCG.	STRING	
NodeB_Id	The WBTS associated with the LCG.	STRING	NodeB
RNC_Id	The RNC associated with the WBTS which supports the LCG.	STRING	RNC
Region_Id	The region associated with the LCG.	STRING	Region
Network_Id	The network associated with the LCG.	STRING	Network

This edition applies to IBM® Tivoli® Netcool® Performance Manager for Wireless and to all subsequent releases and modifications until otherwise indicated in new editions.

Node_Id	A unique identifier for the Node.	STRING	
Node_Name	A user friendly name preferably unique for the Node.	STRING	
Node_Type	Type of Node.	STRING	
Version	The hardware/software version of the equipment that handles the LCG.	STRING	
Technology	Technology of the network/element (e.g. GSM, GPRS, UMTS).	STRING	
Vendor	Manufacturer of the LCG	STRING	

4.34 Neighbour_RNC

RNC neighbour relationships.

Attribute Name	Description	Type	Related Object
RNC_Neighbour_Id	A unique identifier for the RNC.	STRING	
RNC_Neighbour_Name	A user friendly name preferably unique for the RNC.	STRING	
Source_RNC_Id	A unique identifier for the Source RNC.	STRING	RNC
Source_RNC_Technology	Technology of the network/element (e.g. GSM, GPRS, UMTS).	STRING	
Source_RNC_Type	Type of Source RNC.	STRING	
Source_RNC_Vendor	Manufacturer of the Source RNC.	STRING	
Source_RNC_Version	Hardware/Software version of the Source RNC.	STRING	
Target_RNC_Id	A unique identifier for the Target RNC.	STRING	
Target_RNC_Technology	Technology of the network/element (e.g. GSM, GPRS, UMTS).	STRING	
Target_RNC_Type	Type of Target RNC.	STRING	
Target_RNC_Vendor	Manufacturer of the Target RNC.	STRING	
Target_RNC_Version	Hardware/Software version of the Target RNC.	STRING	
Vendor	Manufacturer of the Neighbour_RNC	STRING	

4.35 Neighbour

Represents a handover relationship between two cells that may perform handovers to each other.

Attribute Name	Description	Type	Related Object
Neighbour_Id	A unique identifier for the Neighbour.	STRING	
Neighbour_Name	A user friendly name preferably unique for the Neighbour.	STRING	
Source_Cell_Id	A unique identifier for the Cell_Id of the Cell that is handling calls.	STRING	Cell
Source_Cell_Technology	Technology of the network/element (e.g. GSM, GPRS, UMTS).	STRING	
Source_Cell_Type	Type of Source Cell.	STRING	
Source_Cell_Vendor	Manufacturer of the Source Cell.	STRING	
Source_Cell_Version	Hardware/Software version of the Source Cell.	STRING	
Target_Cell_Id	A unique identifier for the Cell_Id of the Cell that is receiving handed-over calls.	STRING	
Target_Cell_Position	Position of Target Cell.	INTEGER	
Target_Cell_Technology	Technology of the network/element (e.g. GSM, GPRS, UMTS).	STRING	
Target_Cell_Type	Type of Target Cell.	STRING	
Target_Cell_Vendor	Manufacturer of the Target Cell.	STRING	
Target_Cell_Version	Hardware/Software version of the Target Cell.	STRING	
Vendor	Manufacturer of the Neighbour	STRING	

4.36 Network

Network information.

Attribute Name	Description	Type	Related Object

Network_Id	A unique identifier for the Network.	STRING	
Network_Name	A user friendly name preferably unique for the Network.	STRING	
Default_Link_Speed	The default speed of SS7 Signalling Links in this network.	FLOAT	
Network_Type	Type of Network (e.g. GSM-900, GSM-1800 or GSM-1900).	STRING	
Vendor	Manufacturer of the Network	STRING	

4.37 NodeB

NodeB (BS in GSM, representing a cell site in UMTS) is mainly used as a link between Cell and RNC objects in the network hierarchy.

Attribute Name	Description	Type	Related Object
NodeB_Id	A unique identifier for the NodeB.	STRING	
NodeB_Name	A user friendly name preferably unique for the NodeB (site).	STRING	
MSC_Id	A unique identifier for the MSC.	STRING	MSC
Network_Id	Network associated with the NodeB.	STRING	Network
RNC_Id	The RNC that controls this NodeB.	STRING	RNC
Region_Id	Region associated with the NodeB.	STRING	Region
SGSN_Id	A unique identifier for the SGSN.	STRING	SGSN
NodeB_Version	Hardware/Software version of the NodeB.	STRING	
Technology	Technology of the network/element (e.g. GSM, GPRS, UMTS).	STRING	
Vendor	Manufacturer of the NodeB	STRING	

4.38 Originating_Point

Originating Point

Attribute Name	Description	Type	Related Object
Originating_Point_Id	The unique identifier of the originating point	STRING	

Originating_Point_Name	A user-friendly name for the originating point	STRING	
Vendor	Manufacturer of the Originating_Point	STRING	

4.39 Physical_Layer_Term_Point

Physical Layer Termination Point

Attribute Name	Description	Type	Related Object
Termination_Point_Id	termination point id for the physical layer	STRING	
Termination_Point_Name	termination point name	STRING	
RNC_Id	The RNC associated with the termination point.	STRING	RNC
Region_Id	The region associated with the termination point	STRING	Region
Network_Id	The network associated with the termination point.	STRING	Network
Version	The hardware/software version of the termination point equipment.	STRING	
Technology	Technology of the network/element (e.g. GSM, GPRS, UMTS).	STRING	
Vendor	Manufacturer of the Physical_Layer_Term_Point	STRING	

4.40 Radio_Connection_Type

Radio Connection Type to identify RCPM RLC measurements in Cell RCPM RLC

Attribute Name	Description	Type	Related Object
Radio_Connection_Type_Id	A unique identifier for the Radio Connection Type (which consists of RC type components)	STRING	
Radio_Connection_Type_Name	A unique identifier for the Radio Connection Type (which consists of RC type components)	STRING	
Traffic_Class	Type of traffic class	STRING	

RAB_Bit_Rate	The bit rate for the Radio Access Bearer	STRING	
RB_Bit_Rate	The bit rate for the Radio Bearer (RB)	STRING	
BER_SDU_Ratio	The BER/SDU error ratio used as a RAB quality target	STRING	
Vendor	Manufacturer of the Radio_Connection_Type	STRING	

4.41 Region

A user defined grouping of network elements.

Attribute Name	Description	Type	Related Object
Region_Id	Region associated with the network object.	STRING	
Region_Name	A user friendly name preferably unique for the Region.	STRING	
Network_Id	Network associated with the Region.	STRING	Network
Vendor	Manufacturer of the Region	STRING	

4.42 RNC

The Radio Network Controller provides all the control functions and physical links between the MSC (and/or SGSN) and Cell. It switches circuit/packet data & provides functions such as handover, cell configuration data & control of RF power levels in base transceiver stations.

This object is used for Data Availability tracking

Attribute Name	Description	Type	Related Object
RNC_Id	A unique identifier for the RNC.	STRING	
RNC_Name	A user friendly name preferably unique for the RNC.	STRING	
MSC_Id	The MSC to which this RNC is connected.	STRING	MSC
Network_Id	Network associated with the RNC.	STRING	Network
Region_Id	Region associated with the RNC.	STRING	Region
SGSN_Id	A unique identifier for the SGSN.	STRING	SGSN
RNC_Version	Hardware/Software version of the RNC.	STRING	

Technology	Technology of the network/element (e.g. GSM, GPRS, UMTS).	STRING	
Vendor	Manufacturer of the RNC	STRING	

4.43 SCCP_Subsystem

Signalling Control Connection Part Subsystem

Attribute Name	Description	Type	Related Object
SCCP_Subsystem_Id	Primary identifier of the SCCP Subsystem	STRING	
SCCP_Subsystem_Name	Meaningful name of the SCCP Subsystem	STRING	
SCCP_Id	Identifier of SCCP	STRING	SCCP
RNC_Id	Identifier for the RNC.	STRING	RNC
Region_Id	The region of the SCCP Subsystem	STRING	Region
Network_Id	Network associated with the SCCP Subsystem	STRING	Network
Version	Hardware/Software version of the SCCP Subsystem	STRING	
Technology	Technology of the network/element (e.g. GSM, GPRS, UMTS).	STRING	
Vendor	Manufacturer of the SCCP_Subsystem	STRING	

4.44 SCCP

Signalling Control Connection Part

Attribute Name	Description	Type	Related Object
SCCP_Id	Primary identifier of the SCCP	STRING	
SCCP_Name	Meaningful name of the SCCP	STRING	
RNC_Id	Identifier for the RNC.	STRING	RNC

Region_Id	The region of the SCCP / RNC	STRING	Region
Network_Id	Network associated with the SCCP / RNC	STRING	Network
MGW_Id	Primary Identifier of MGW	STRING	MGW
Version	Hardware/Software version of the SCCP / RNC	STRING	
Technology	Technology of the network/element (e.g. GSM, GPRS, UMTS).	STRING	
Vendor	Manufacturer of the SCCP	STRING	

4.45 SDH_Exchange_Terminal

SDH Exchange Terminal

Attribute Name	Description	Type	Related Object
SDH_Exch_Term_Id	SDH Exchange Terminal id	STRING	
SDH_Exch_Term_Name	SDH Exchange Terminal name	STRING	
Region_Id	The region associated with the SDH Exchange Terminal	STRING	Region
Network_Id	The network associated with the SDH Exchange Terminal	STRING	Network
Version	The hardware/software version of the SDH Exchange Equipment	STRING	
Technology	Technology of the network/element (e.g. GSM, GPRS, UMTS).	STRING	
SDH_Exch_Term_Type	Type of SDH Exchange terminal	STRING	
Node_Id	Identifier of the Node parent of the SDH Exchange Terminal (e.g. MGW, RNC).	STRING	
Node_Name	Meaningful name for the Node.	STRING	
Node_Type	Type of the Node parent of the SDH Exchange Terminal (e.g. MGW, RNC).	STRING	
Vendor	Manufacturer of the SDH_Exchange_Terminal	STRING	

4.46 Signalling_LinkSet

A set of Signalling Links between two points.

Attribute Name	Description	Type	Related Object
SS7_LinkSet_Id	A unique identifier for the SS7 LinkSet.	STRING	
SS7_LinkSet_Name	A user friendly name preferably unique for the SS7 LinkSet.	STRING	
Network_Id	Network associated with the SS7 LinkSet.	STRING	Network
Region_Id	Region associated with the SS7 LinkSet.	STRING	Region
SS7_Point_Id	The SS7 Point to which this SS7 LinkSet is connected to (at this end).	STRING	Signalling_Point
Adjacent_Node_Id	The Adjacent Node that this SS7 LinkSet is connected from (at the other end).	STRING	
Data_Rate	The total of all the individual SS7 Link speeds (aggregated over all SS7 Links in the SS7 LinkSet) in bits per second (bit/s).	FLOAT	
Designed_Link_Failures	The number of SS7 Link failures permitted on the SS7 LinkSet while still keeping the SS7 LinkSet up to its designed capacity.	INTEGER	
Node_Id	The Node (MSC or HLR) that this SS7 LinkSet is connected to (at this end).	STRING	
Node_Name	Name of the node that this SS7 LinkSet is connected to (at this end).	STRING	
Node_Type	The type of the network element that the SS7 LinkSet is connected to (at this end).	STRING	
Technology	Technology of the network/element (e.g. GSM, GPRS, UMTS).	STRING	
Vendor	Manufacturer of the Signalling_LinkSet	STRING	

4.47 Signalling_Link

The SS7 Signalling data link is a full-duplex, digital transmission channel, usually operating at 64 kbit/s.

Attribute Name	Description	Type	Related

			Object
SS7_Link_Id	A unique identifier for the SS7 Link.	STRING	
SS7_Link_Name	A user friendly name preferably unique for the SS7 Link.	STRING	
Network_Id	Network associated with the SS7 Link.	STRING	Network
Region_Id	Region associated with the SS7 Link.	STRING	Region
SS7_LinkSet_Id	The Node (MSC or HLR) that this SS7 Link is connected to (at this end).	STRING	Signalling_ LinkSet
SS7_Point_Id	A unique identifier for the SS7 Point.	STRING	Signalling_P oint
Adjacent_Node_Id	The Adjacent Node that this SS7 Link is connected from (at the other end).	STRING	
Data_Rate	The SS7 Link speed in bits per second (bit/s).	FLOAT	
Node_Id	The Node (MSC or HLR) that this SS7 Link is connected to (at this end).	STRING	
Node_Name	The name for the network element that the SS7 Link is connected to (at this end).	STRING	
Node_Type	The type of the network element that the SS7 Link is connected to at this end.	STRING	
Technology	Technology of the network/element (e.g. GSM, GPRS, UMTS).	STRING	
Vendor	Manufacturer of the Signalling_Link	STRING	

4.48 Signalling_Point

Represents a signalling entity that is part of a Node.

Attribute Name	Description	Type	Related Object
SS7_Point_Id	A unique identifier for the SS7 Point.	STRING	
SS7_Point_Name	A user friendly name preferably unique for the SS7 Point.	STRING	
Network_Id	Network associated with the SS7 Point.	STRING	Network
Region_Id	Region associated with the SS7 Point. SS7_Point - the default value is derived via the	STRING	Region

	Node.		
Adjacent_Node_Id	A unique identifier for the Adjacent Node.	STRING	
Node_Id	A unique identifier for the Node.	STRING	
Node_Name	A user friendly name preferably unique for the Node.	STRING	
Node_Type	Type of Node.	STRING	
Technology	Technology of the network/element (e.g. GSM, GPRS, UMTS).	STRING	
Vendor	Manufacturer of the Signalling_Point	STRING	

4.49 WAC_Unit

Window Access Control (WAC) Unit

Attribute Name	Description	Type	Related Object
WAC_Unit_Id	The unique identifier for the Window Access Control Unit (WAC)	STRING	
WAC_Unit_Name	The user-friendly name preferably unique for WAC Unit.	STRING	
Region_Id	The region associated with the WAC unit function.	STRING	Region
Network_Id	The network associated with the WAC unit function.	STRING	Network
WAC_Unit_Type	Function type of WAC Unit	STRING	
Node_Id	A unique identifier for the Node.	STRING	
Node_Name	A user friendly name preferably unique for the Node.	STRING	
Node_Type	Type of Node.	STRING	
Version	The hardware/software version of the equipment that manage the WAC unit.	STRING	

Technology	Technology of the network/element (e.g. GSM, GPRS, UMTS).	STRING	
Vendor	Manufacturer of the WAC_Unit	STRING	

5 Busy Hours

This section lists the busy hours that are defined in this technology pack, grouped by the network object to which they relate, as follows:

Each of the busy hours listed can be referenced within this document by way of a busy hour acronymn, which is included in the table below.

- ATM_VCC
- Cell
- Computer_Unit
- RNC
- Signalling_Link
- Signalling_Point

5.1 ATM_VCC Busy Hours

Busy Hour Name	Defining KPI	Acronym
Nokia_ATM_VCC_AAL2_Connection_Busy_Hour	ATM_VCC.Nokia.cac_resource.avg_aal2_connections	nkavcacbh
Nokia_ATM_VCC_Total_MSU_Busy_Hour	ATM_VCC.Nokia.saal.tot_bothway_msus	nkavctmbh

5.2 Cell Busy Hours

Busy Hour Name	Defining KPI	Acronym
Nokia_Cell_total_traffic_Busy_Hour	Cell.Nokia.cell_busy_hour_kpi.total_traffic	nkcttbh

5.3 Computer_Unit Busy Hours

Busy Hour Name	Defining KPI	Acronym
Nokia_Computer_Unit_Mean_Load_Busy_Hour	Computer_Unit.Nokia.unit_load.average_load	nkcuavlbh

5.4 RNC Busy Hours

Busy Hour Name	Defining KPI	Acronym
Nokia_RNC_total_traffic_Busy_Hour	RNC.Nokia.rnc_busy_hour_kpi.total_traffic	nkrttbh

5.5 Signalling_Link Busy Hours

Busy Hour Name	Defining KPI	Acronym
Nokia_Signalling_Link_Total_MSU_Busy_Hour	Signalling_Link.Nokia.saal.tot_bothway_msus	nksltmbh

5.6 Signalling_Point Busy Hours

Busy Hour Name	Defining KPI	Acronym
Nokia_Signalling_Point_AAL2_Connections_Busy_Hour	Signalling_Point.Nokia.aal2_signalling_nni.common_at_nni	nkspacbh

6 Performance Indicators

This section lists the performance indicators (both one-to-one counter mappings, and complex KPIs) that are defined in this technology pack module, grouped by the network object to which they relate, as follows:

This edition applies to IBM® Tivoli® Netcool® Performance Manager for Wireless and to all subsequent releases and modifications until otherwise indicated in new editions.

- LCG
- Neighbour
- Neighbour_RNC
- NodeB
- Physical_Layer_Term_Point
- RNC
- SCCP
- SCCP_Subsystem
- SDH_Exchange_Terminal
- Signalling_Link
- Signalling_LinkSet
- Signalling_Point
- WAC_Unit

6.1 AGPS_IF Performance Indicators

- AGPS_IF.Nokia.UMTS.agps_measurements

6.1.1 AGPS_IF.Nokia.UMTS.agps_measurements

AGPS Server connection statistics.

KPI Name	Expression	Data Type	Units	Description	Aggregation
_%_successful_connections_to_agps_server	100 * {successful_connections_to_agps_server}/ ({successful_connections_to_agps_server}+ {unsuccessful_connections_to_agps_server}+ {lost_connection_to_agps_server})	FLOAT	%	The percentage of successfully established TCP connections to AGPS server.	Average, avg, nkrttbh
_%_successful_data_requests_from_agps_server	100 * {successful_data_requests_from_agps_server}/ ({successful_data_requests_from_agps_server}+ {unsuccessful_data_requests_from_agps_server})	FLOAT	%	The percentage number of successfully served AGPS data requests from AGPS server.	Average, avg, nkrttbh
lost_connection_to_agps_server	nok_nkagps_meas_tab.ugpuhe21im2ahsxr0035xkcuai	INTEGER	#	The number of lost TCP connections to	Sum, nkrttbh,

				AGPS server.	tot
successful_connections_to_agps_server	nok_nkagps_meas_tab.ugpuhdx1im2ahsxr0035xkcuai	INTEGER	#	The number of successfully established TCP connections to AGPS server.	Sum, nkrttbh, tot
successful_data_requests_from_agps_server	nok_nkagps_meas_tab.ugpuhdt1im2ahsxr0035xkcuai	INTEGER	#	The total number of successfully served AGPS data requests from AGPS server.	Sum, nkrttbh, tot
successful_position_calculations_using_agps_server	nok_nkagps_meas_tab.ugpuhe41im2ahsxr0035xkcuai	INTEGER	#	-Obsolete in RN3.0-The number of successful position calculations using the AGPS server.	Sum, nkrttbh, tot
unsuccessful_connections_to_agps_server	nok_nkagps_meas_tab.ugpuhe01im2ahsxr0035xkcuai	INTEGER	#	The number of unsuccessful TCP connection establishments to AGPS server.	Sum, nkrttbh, tot
unsuccessful_data_requests_from_agps_server	nok_nkagps_meas_tab.ugpuhdv1im2ahsxr0035xkcuai	INTEGER	#	The number of unsuccessfully served AGPS data requests from AGPS server. At least one of requested AGPS data sets is missing.	Sum, nkrttbh, tot
unsuccessful_position_calculations_using_agps_server	nok_nkagps_meas_tab.ugpuhe61im2ahsxr0035xkcuai	INTEGER	#	-Obsolete in RN3.0-The number of unsuccessful position calculations using the AGPS server.	Sum, nkrttbh, tot

6.2 ASSOIND Performance Indicators

- ASSOIND.Nokia.UMTS.m3ua_assoc_stats

6.2.1 ASSOIND.Nokia.UMTS.m3ua_assoc_stats

M3UA association statistics

KPI Name	Expression	Data Type	Units	Description	Aggregation
m3ua_asso_set_unavailable_time	nok_nkm3ua_assoc_tab.xw0rpt0dmm2aicsd002uaxybdk	INTEGER	Sec	Association set unavailability in seconds. This calculates cumulative duration of unavailability of the association set.	Sum, nkrttbh, tot
m3ua_asso_set_unavailable	nok_nkm3ua_assoc_tab.xw0rpt2dmm2aicsd002uaxybdk	INTEGER	#	The number of times the association set has become unavailable.	Sum, nkrttbh, tot
m3ua_cumul_unavailable_time	nok_nkm3ua_assoc_tab.xw0rpt4dmm2aicsd002uaxybdk	INTEGER	Sec	Association unavailability in seconds. This calculates cumulative duration of unavailability of a single association.	Sum, nkrttbh, tot
m3ua_messages_received	nok_nkm3ua_assoc_tab.xw0rptbdmm2aicsd002uaxybdk	INTEGER	#	The number of received messages on the M3UA association. This includes all the received messages of M3UA.	Sum, nkrttbh, tot
m3ua_messages_sent	nok_nkm3ua_assoc_tab.xw0rptddmm2aicsd002uaxybdk	INTEGER	#	The number of sent messages on the M3UA association. This includes all the sent messages of M3UA.	Sum, nkrttbh, tot

m3ua_octets_received	nok_nkm3ua_assoc_tab.xw0rptfdmm2aicsd002uaxybdk	INTEGER	Byte	The number of octets received on the M3UA association. This counter calculates the number of bytes received in M3UA messages.	Sum, nkrttbh, tot
m3ua_octets_sent	nok_nkm3ua_assoc_tab.xw0rpthdmm2aicsd002uaxybdk	INTEGER	Byte	The number of octets sent on the M3UA association. This counter calculates the number of bytes sent in M3UA messages.	Sum, nkrttbh, tot
m3ua_sctp_duplicated_tsn	nok_nkm3ua_assoc_tab.xw0rpttdmm2aicsd002uaxybdk	INTEGER	#	The number of duplicated TSNs received on SCTP per M3UA association.	Sum, nkrttbh, tot
m3ua_sctp_octets_received	nok_nkm3ua_assoc_tab.xw0rptndmm2aicsd002uaxybdk	INTEGER	Byte	The number of octets received on SCTP per M3UA association. This counter calculates the number of bytes sent in SCTP packets.	Sum, nkrttbh, tot
m3ua_sctp_octets_sent	nok_nkm3ua_assoc_tab.xw0rptpdmm2aicsd002uaxybdk	INTEGER	Byte	The number of octets sent on SCTP per M3UA association. This counter calculates the number of bytes sent in SCTP packets.	Sum, nkrttbh, tot
m3ua_sctp_packets	nok_nkm3ua_assoc_tab.xw	INTEG	#	The number of data	Sum,

_received	0rptjdmm2aicsd002uaxybdk	ER		packets received on SCTP per M3UA association, excluding SCTP control packets.	nkrttbh, tot
m3ua_sctp_packets_retransmit	nok_nkm3ua_assoc_tab.xw0rptrdmm2aicsd002uaxybdk	INTEGER	#	The number of packets re-transmitted on SCTP per M3UA association.	Sum, nkrttbh, tot
m3ua_sctp_packets_sent	nok_nkm3ua_assoc_tab.xw0rptldmm2aicsd002uaxybdk	INTEGER	#	The number of data packets sent on SCTP per M3UA association, excluding SCTP control packets.	Sum, nkrttbh, tot
m3ua_unavailable	nok_nkm3ua_assoc_tab.xw0rpt6dmm2aicsd002uaxybdk	INTEGER	#	The number of times the association set has become unavailable.	Sum, nkrttbh, tot

6.3 ATM_Route Performance Indicators

- ATM_Route.Nokia.UMTS.aal2_connections

6.3.1 ATM_Route.Nokia.UMTS.aal2_connections

AAL2 connection statistics.

KPI Name	Expression	Data Type	Units	Description	Aggregation
aal2_reject_by_cac	nok_nkatmrt_aal2_tab.ugpuh2v1im2ahsxr0035xkcuai	INTEGER	#	The number of AAL2 crossconnections rejected by CAC, including HSDPA connections.	Sum, nkrttbh, tot
aal2_reject_by_hw	nok_nkatmrt_aal2_tab.ugpuh2x1im2ahsxr0035xkcuai	INTEGER	#	The number of AAL2 crossconnections	Sum, nkrttbh, tot

				rejected by hardware, including HSDPA connections.	
active_aal2_conn_avg	nok_nkatmrt_aal2_tab.ugpuh2r1im2ahsxr0035xkcuai	INTEGER	#	The average number of active AAL2 cross-connections including HSDPA connections.	Average, avg, max, min, nkrttbh, tot
active_aal2_conn_max	nok_nkatmrt_aal2_tab.ugpuh2n1im2ahsxr0035xkcuai	INTEGER	#	The maximum number of active AAL2 cross-connections including HSDPA connections during the measurement period.	Constant, avg, max, min, nkrttbh, tot
active_aal2_conn_min	nok_nkatmrt_aal2_tab.ugpuh2p1im2ahsxr0035xkcuai	INTEGER	#	The minimum number of active AAL2 cross-connections including HSDPA connections during the measurement period.	Minimum, avg, max, min, nkrttbh, tot
active_hsdpa_conn_avg	nok_nkatmrt_aal2_tab.ugpuh341im2ahsxr0035xkcuai	INTEGER	#	The average number of active HSDPA connections.	Average, avg, max, min, nkrttbh, tot
active_hsdpa_conn_max	nok_nkatmrt_aal2_tab.ugpuh301im2ahsxr0035xkcuai	INTEGER	#	The maximum number of active HSDPA connections during the measurement period.	Constant, avg, max, min, nkrttbh, tot
active_hsdpa_conn	nok_nkatmrt_aal2_tab.ugp	INTEG	#	The minimum	Minimum,

_min	uh321im2ahsxr0035xkcuai	ER		number of active HSDPA connections during the measurement period.	avg, max, min, nkrttbh, tot
grt_cell_rate	nok_nkatmrt_aal2_tab.ugpuh261im2ahsxr0035xkcuai	INTEGER	Cells/sec	The guaranteed cell rate for the ATM route.	Average, avg, max, min, nkrttbh, tot
hsdpa_cell_rate_avg	nok_nkatmrt_aal2_tab.ugpuh2f1im2ahsxr0035xkcuai	INTEGER	#	The average HSDPA shared AAL2 allocation reserved cell rate.	Average, avg, max, min, nkrttbh, tot
hsdpa_cell_rate_max	nok_nkatmrt_aal2_tab.ugpuh2b1im2ahsxr0035xkcuai	INTEGER	#	The maximum HSDPA shared AAL2 allocation reserved cell rate during the measurement period.	Constant, avg, max, min, nkrttbh, tot
hsdpa_cell_rate_min	nok_nkatmrt_aal2_tab.ugpuh2d1im2ahsxr0035xkcuai	INTEGER	#	The minimum HSDPA shared AAL2 allocation reserved cell rate during the measurement period.	Minimum, avg, max, min, nkrttbh, tot
hsdpa_reject_by_cac	nok_nkatmrt_aal2_tab.ugpuh3b1im2ahsxr0035xkcuai	INTEGER	#	The number of HSDPA connections rejected by CAC.	Sum, nkrttbh, tot
hsdpa_reject_by_hw	nok_nkatmrt_aal2_tab.ugpuh3d1im2ahsxr0035xkcuai	INTEGER	#	The number of HSDPA connections rejected by hardware.	Sum, nkrttbh, tot
res_cell_rate_avg	nok_nkatmrt_aal2_tab.ugpuh2l1im2ahsxr0035xkcuai	INTEGER	#	The average reserved cell rate for non-HSDPA connections and HSDPA	Average, avg, max, min, nkrttbh, tot

				connections.	
res_cell_rate_max	nok_nkatmrt_aal2_tab.ugpuh2h1im2ahsxr0035xkcuai	INTEGER	#	The maximum reserved cell rate for non-HSDPA connections and HSDPA connections during the measurement period.	Constant, avg, max, min, nkrttbh, tot
res_cell_rate_min	nok_nkatmrt_aal2_tab.ugpuh2j1im2ahsxr0035xkcuai	INTEGER	#	The minimum reserved cell rate for non-HSDPA connections and HSDPA connections during the measurement period.	Minimum, avg, max, min, nkrttbh, tot
succ_aal2_conn	nok_nkatmrt_aal2_tab.ugpuh2t1im2ahsxr0035xkcuai	INTEGER	#	The number of successful AAL2 cross-connections including HSDPA connections.	Sum, nkrttbh, tot
succ_hsdpa_conn	nok_nkatmrt_aal2_tab.ugpuh361im2ahsxr0035xkcuai	INTEGER	#	The number of successful HSDPA connections.	Sum, nkrttbh, tot

6.4 ATM_VCC Performance Indicators

- ATM_VCC.Nokia.UMTS.aal2_packet_queue
- ATM_VCC.Nokia.UMTS.aal2_signalling
- ATM_VCC.Nokia.UMTS.cac_resource
- ATM_VCC.Nokia.UMTS.RAN_Accessibility.Transport_Network_Resource
- ATM_VCC.Nokia.UMTS.RAN_Usage.Transport_Network
- ATM_VCC.Nokia.UMTS.resource_reservation
- ATM_VCC.Nokia.UMTS.saal
- ATM_VCC.Nokia.UMTS.vcc_measurement

6.4.1 ATM_VCC.Nokia.UMTS.aal2_packet_queue

AAL2 message queueing and forwarding statistics.

KPI Name	Expression	Data Type	Units	Description	Aggregation
aal2_path_que_down_msgs	nok_nkatmvc_al2pktq_tab.xpvf0cndmm2aicsd002uaxybdk	INT8	#	The number of "slow down" messages sent to the MAC layer in AAL2 path.	Sum, nkavcacbh, tot
aal2_path_que_full_msgs	nok_nkatmvc_al2pktq_tab.xpvf0ctdmm2aicsd002uaxybdk	INT8	#	The number of "full rate" messages sent to the MAC layer in AAL2 path.	Sum, nkavcacbh, tot
aal2_path_que_half_msgs	nok_nkatmvc_al2pktq_tab.xpvf0cvdmm2aicsd002uaxybdk	INT8	#	The number of "half rate" messages sent to the MAC layer in AAL2 path.	Sum, nkavcacbh, tot
aal2_path_que_stop_msgs	nok_nkatmvc_al2pktq_tab.xpvf0crdmm2aicsd002uaxybdk	INT8	#	The number of "full stop" messages sent to the MAC layer in AAL2 path.	Sum, nkavcacbh, tot
aal2_path_que_up_msgs	nok_nkatmvc_al2pktq_tab.xpvf0cpdmm2aicsd002uaxybdk	INT8	#	The number of "speed up" messages sent to the MAC layer in AAL2 path.	Sum, nkavcacbh, tot
be_que_delay_peak	nok_nkatmvc_al2pktq_tab.ugpuh001im2ahsxr0035xkcuai	INTEGER	#	Peak value of delay caused by AAL2 layer buffering in best effort queue.	Constant, avg, max, min, nkavcacbh, tot
be_que_delay_samples	nok_nkatmvc_al2pktq_tab.ugpuh041im2ahsxr0035xkcuai	INTEGER	#	The number of sampled delay values in best effort queue.	Sum, nkavcacbh, tot
be_que_delay_sum	nok_nkatmvc_al2pktq_tab.ugpuh021im2ahsxr0035xkc	INTEGER	#	Sum of delay values of AAL2	Sum, nkavcacbh

	uai			layer buffering in best effort queue during measurement period.	, tot
be_que_down_msgs	nok_nkatmvc_al2pktq_tab.ugpuh061im2ahsxr0035xkcuai	INTEGER	#	The number of -slow down- messages sent to MAC layer.	Sum, nkavcacbh, tot
be_que_drp_events	nok_nkatmvc_al2pktq_tab.ugpuh0f1im2ahsxr0035xkcuai	INTEGER	#	The number of events when packets were dropped from best effort queue.	Sum, nkavcacbh, tot
be_que_peak	nok_nkatmvc_al2pktq_tab.ugpugyt1im2ahsxr0035xkcuai	INTEGER	Packets	Peak amount of sent AAL2 CPS packets in best effort queue during measurement period.	Constant, avg, max, min, nkavcacbh, tot
be_que_samples	nok_nkatmvc_al2pktq_tab.ugpugyx1im2ahsxr0035xkcuai	INTEGER	#	The number of best effort queue samples during measurement period.	Sum, nkavcacbh, tot
be_que_stop_msgs	nok_nkatmvc_al2pktq_tab.ugpuh0d1im2ahsxr0035xkcuai	INTEGER	#	The number of -full stop- messages sent to MAC layer.	Sum, nkavcacbh, tot
be_que_sum	nok_nkatmvc_al2pktq_tab.ugpugyv1im2ahsxr0035xkcuai	INT8	Packets	The sum of sent AAL2 CPS packets in best effort queue during measurement period.	Sum, nkavcacbh, tot
be_que_up_msgs	nok_nkatmvc_al2pktq_tab.ugpuh0b1im2ahsxr0035xkc	INTEGER	#	The number of -speed up-	Sum, nkavcacbh

This edition applies to IBM® Tivoli® Netcool® Performance Manager for Wireless and to all subsequent releases and modifications until otherwise indicated in new editions.

	uai			messages sent to MAC layer	, tot
q1_que_delay_peak	nok_nkatmvc_al2pktq_tab.xpvf0b2dmm2aicsd002uaxybdk	INT8	ms	The peak value of delay caused by AAL2 layer buffering in the scheduling queue1.	Constant, avg, max, min, nkavcacbh, tot
q1_que_delay_samples	nok_nkatmvc_al2pktq_tab.xpvf0b6dmm2aicsd002uaxybdk	INT8	#	The number of sampled delay values in the scheduling queue1.	Sum, nkavcacbh, tot
q1_que_delay_sum	nok_nkatmvc_al2pktq_tab.xpvf0b4dmm2aicsd002uaxybdk	INT8	ms	The sum of delay values of AAL2 layer buffering in the scheduling queue1 during the measurement period.	Sum, nkavcacbh, tot
q1_que_drp_events	nok_nkatmvc_al2pktq_tab.xpvf0bbdmm2aicsd002uaxybdk	INT8	#	This counter indicates that packets were dropped from the scheduling queue1.	Sum, nkavcacbh, tot
q1_que_packets_sum	nok_nkatmvc_al2pktq_tab.xpvf0axdmm2aicsd002uaxybdk	INT8	#	The sum of sent AAL2 CPS packets (A2SP) or ATM cells (NPS1) in the scheduling queue1 during the measurement period.	Sum, nkavcacbh, tot
q1_que_samples	nok_nkatmvc_al2pktq_tab.xpvf0b0dmm2aicsd002uaxybdk	INT8	#	The sum of delay values of AAL2 layer buffering in the scheduling queue1 during the measurement period.	Sum, nkavcacbh, tot
q1_que_usage_peak	nok_nkatmvc_al2pktq_tab.xpvf0avdmm2aicsd002uaxybdk	INT8	#	The peak amount of sent AAL2 CPS packets (A2SP) or	Constant, avg, max, min,

				ATM cells (NPS1) in the scheduling queue1 during the measurement period	nkavcacbh, tot
q2_que_delay_peak	nok_nkatmvc_al2pktq_tab.xpvf0bjdmm2aicsd002uaxybdk	INT8	ms	The peak value of delay caused by AAL2 layer buffering in the scheduling queue2.	Constant, avg, max, min, nkavcacbh, tot
q2_que_delay_samples	nok_nkatmvc_al2pktq_tab.xpvf0bndmm2aicsd002uaxybdk	INT8	#	The number of sampled delay values in the scheduling queue2.	Sum, nkavcacbh, tot
q2_que_delay_sum	nok_nkatmvc_al2pktq_tab.xpvf0bldmm2aicsd002uaxybdk	INT8	ms	The sum of delay values of AAL2 layer buffering in the scheduling queue2 during the measurement period.	Sum, nkavcacbh, tot
q2_que_drp_events	nok_nkatmvc_al2pktq_tab.xpvf0bpdmm2aicsd002uaxybdk	INT8	#	This counter indicates that packets were dropped from the scheduling queue2.	Sum, nkavcacbh, tot
q2_que_packets_sum	nok_nkatmvc_al2pktq_tab.xpvf0bfdmm2aicsd002uaxybdk	INT8	#	The sum of sent AAL2 CPS packets (A2SP) or ATM cells (NPS1) in the scheduling queue2 during the measurement period.	Sum, nkavcacbh, tot
q2_que_samples	nok_nkatmvc_al2pktq_tab.xpvf0bhdmm2aicsd002uaxybdk	INT8	#	The number of scheduling queue2 samples during the	Sum, nkavcacbh, tot

This edition applies to IBM® Tivoli® Netcool® Performance Manager for Wireless and to all subsequent releases and modifications until otherwise indicated in new editions.

				measurement period.	
q2_que_usage_peak	nok_nkatmvc_al2pktq_tab.xpvf0bddmm2aicsd002uaxybdk	INT8	#	The peak amount of sent AAL2 CPS packets (A2SP) or ATM cells (NPS1) in the scheduling queue2 during the measurement period.	Constant, avg, max, min, nkavcacbh, tot
q3_que_delay_peak	nok_nkatmvc_al2pktq_tab.xpvf0bxdmm2aicsd002uaxybdk	INT8	ms	The peak value of delay caused by AAL2 layer buffering in the scheduling queue3	Constant, avg, max, min, nkavcacbh, tot
q3_que_delay_samples	nok_nkatmvc_al2pktq_tab.xpvf0c2dmm2aicsd002uaxybdk	INT8	#	The number of sampled delay values in the scheduling queue3.	Sum, nkavcacbh, tot
q3_que_delay_sum	nok_nkatmvc_al2pktq_tab.xpvf0c0dmm2aicsd002uaxybdk	INT8	ms	The sum of delay values of AAL2 layer buffering in the scheduling queue3 during the measurement period.	Sum, nkavcacbh, tot
q3_que_drp_events	nok_nkatmvc_al2pktq_tab.xpvf0c4dmm2aicsd002uaxybdk	INT8	#	This counter indicates that packets were dropped from the scheduling queue3.	Sum, nkavcacbh, tot
q3_que_packets_sum	nok_nkatmvc_al2pktq_tab.xpvf0btdmm2aicsd002uaxybdk	INT8	#	The sum of sent AAL2 CPS packets (A2SP) or ATM cells (NPS1) in the scheduling queue3 during the measurement period.	Sum, nkavcacbh, tot
q3_que_samples	nok_nkatmvc_al2pktq_tab.xpvf0bvdmm2aicsd002uax	INT8	#	The number of scheduling queue3	Sum, nkavcacbh

	ybdk			samples during the measurement period.	, tot
q3_que_usage_peak	nok_nkatmvc_al2pktq_tab.xpvf0brdmm2aicsd002uaxybdk	INT8	#	The peak amount of sent AAL2 CPS packets (A2SP) or ATM cells (NPS1) in the scheduling queue3 during the measurement period.	Constant, avg, max, min, nkavcacbh, tot
q4_que_delay_peak	nok_nkatmvc_al2pktq_tab.xpvf0cfdmm2aicsd002uaxybdk	INT8	#	The peak value of delay caused by AAL2 layer buffering in the scheduling queue4	Constant, avg, max, min, nkavcacbh, tot
q4_que_delay_samples	nok_nkatmvc_al2pktq_tab.xpvf0cjdmm2aicsd002uaxybdk	INT8	ms	The number of sampled delay values in the scheduling queue4.	Sum, nkavcacbh, tot
q4_que_delay_sum	nok_nkatmvc_al2pktq_tab.xpvf0chdmm2aicsd002uaxybdk	INT8	ms	The sum of delay values of AAL2 layer buffering in the scheduling queue4 during the measurement period.	Sum, nkavcacbh, tot
q4_que_drp_events	nok_nkatmvc_al2pktq_tab.xpvf0cldmm2aicsd002uaxybdk	INT8	#	This counter indicates that packets were dropped from the scheduling queue4.	Sum, nkavcacbh, tot
q4_que_packets_sum	nok_nkatmvc_al2pktq_tab.xpvf0cbdmm2aicsd002uaxybdk	INT8	#	The sum of sent AAL2 CPS packets (A2SP) or ATM cells (NPS1) in the scheduling queue4	Sum, nkavcacbh, tot

				during the measurement period.	
q4_que_samples	nok_nkatmvc_al2pktq_tab.xpvf0cddmm2aicsd002uaxybdk	INT8	#	The number of scheduling queue4 samples during the measurement period.	Sum, nkavcacbh, tot
q4_que_usage_peak	nok_nkatmvc_al2pktq_tab.xpvf0c6dmm2aicsd002uaxybdk	INT8	#	The peak amount of sent AAL2 CPS packets (A2SP) or ATM cells (NPS1) in the scheduling queue4 during the measurement period.	Constant, avg, max, min, nkavcacbh, tot

6.4.2 ATM_VCC.Nokia.UMTS.aal2_signalling

AAL2 related signalling statistics

KPI Name	Expression	Data Type	Units	Description	Aggregation
aal_para	nok_nkatmvc_aal2sl_tab.x4lojr21tq2ahsxrj035xkcuai	INTEGER	#	AAL parameters can not be supported (No.93).This parameter provides the number of connections terminated to CauseNo. 93. This cause is used to indicate that the requested AAL parameters	Sum, nkavctmbh, tot
aal2pi_verif	nok_nkatmvc_aal2sl_tab.x4lojrx1tq2ahsxrj035xkcuai	INTEGER	#	The AAL type 2 ID verification/allocation failure.The requested AAL type 2 Path Identifier was not available in the destination AAL type 2 node. Internal	Sum, nkavctmbh, tot

				(non protocol) error.	
adj_node_not_avail	nok_nkatmvc_aal2sl_tab.x4lojs41tq2ahsxrj035xkcuai	INTEGER	#	Adjacent node not available. The connection establishment is rejected since the signalling relation into the adjacent AAL type 2 node was not available. Internal (non protocol) error.	Sum, nkavctmbh, tot
binding_id_verif	nok_nkatmvc_aal2sl_tab.x4lojs01tq2ahsxrj035xkcuai	INTEGER	#	Binding ID verification failure.The requested Binding Identifier was not available at the destination AALtype 2 node. Internal (nonprotocol) error.	Sum, nkavctmbh, tot
cid_verif	nok_nkatmvc_aal2sl_tab.x4lojrv1tq2ahsxrj035xkcuai	INTEGER	#	The CID verification/allocation failure.The requested AAL type 2 channel (CID) was not available in the destination AAL type 2 node. Internal (non protocol) error.	Sum, nkavctmbh, tot
common	nok_nkatmvc_aal2sl_tab.x4lojqp1tq2ahsxrj035xkcuai	INTEGER	#	Successful connection establishments.The amount of started connection events in the AAL2 signalling. The	Sum, nkavctmbh, tot

This edition applies to IBM® Tivoli® Netcool® Performance Manager for Wireless and to all subsequent releases and modifications until otherwise indicated in new editions.

				successful cases refer to attempts stated in the program block operation state and stage which can still fail at a later stage.	
congestion	nok_nkatmvc_aal2sl_tab.x4lojqv1tq2ahsxrj035xkcuai	INTEGER	#	Switching equipment congestion (No.42).This parameter provides the number of connections terminated to CauseNo. 42. The cause code indicates that the switching equipment generating this cause is experiencing a period of high traffic.	Sum, nkavctmbh, tot
in_erq_attempt	nok_nkatmvc_aal2sl_tab.xpvf06fdmm2aicsd002uaxybdk	INTEGER	#	The number of incoming AAL2 connection establishment requests.	Sum, nkavctmbh, tot
in_erq_success	nok_nkatmvc_aal2sl_tab.xpvf06hdmm2aicsd002uaxybdk	INTEGER	#	The number of successful incoming AAL2 connection establishment.	Sum, nkavctmbh, tot
in_mod_attempt	nok_nkatmvc_aal2sl_tab.xpvf06ndmm2aicsd002uaxybdk	INTEGER	#	The number of incoming AAL2 connection modification requests.	Sum, nkavctmbh, tot
in_mod_success	nok_nkatmvc_aal2sl_tab.xpvf06pdmm2aicsd002uaxybdk	INTEGER	#	The number of successful incoming AAL2 connection modifications.	Sum, nkavctmbh, tot

info_not_impl	nok_nkatmvc_aal2sl_tab.x4lojrd1tq2ahsxrj035xkcuai	INTEGER	#	Information element non existent or not implemented (No.99).This parameter provides the number of connections terminated to CauseNo. 99. It indicates that the equipment sending this cause has received a message which includes information elements/parameters not recognized because the information element identifiers/parameter names are not defined or are defined but not implemented by the equipment sending the cause. This cause indicates that the information elements/parameters were discarded. However, the information element is not required to be present in the message in order for the equipment sending the cause to process the message.	Sum, nkavctmbh, tot
invalid_info	nok_nkatmvc_aal2sl_tab.x	INTEG	#	Invalid information	Sum,

	4lojrf1tq2ahsxrj035xkcuai	ER		element contents (No.100).This parameter provides the number of connections terminated to CauseNo. 100. This cause indicates that the equipment sending this cause has received an information element which it has implemented; however, one or more fields in the information element are coded in a way that has not been implemented by the equipment sending this cause.	nkavctmb h, tot
invalid_msg	nok_nkatmvc_aal2sl_tab.x 4lojr41tq2ahsxrj035xkcuai	INTEG ER	#	Invalid message (No.95).This parameter provides the number of connections terminated to CauseNo. 95. This cause is used to report an invalid message event only when no other cause in the invalid message class applies.	Sum, nkavctmb h, tot
link_char_verif	nok_nkatmvc_aal2sl_tab.x 4lojs21tq2ahsxrj035xkcuai	INTEG ER	#	Required traffic characterization unavailable.The requested traffic characterization was not available in the destination AAL type 2 node. Internal (non protocol) error.	Sum, nkavctmb h, tot

mandat_info	nok_nkatmvc_aal2sl_tab.x4lojr61tq2ahsxrj035xkcuai	INTEGER	#	Mandatory information element is missing (No.96).This parameter provides the number of connections terminated to CauseNo. 96. This cause indicates that the equipment sending this cause has received a message which is missing an information element which must be present in the message before that message can be processed.	Sum, nkavctmbh, tot
mod_fail_coll	nok_nkatmvc_aal2sl_tab.xpvf06vdmm2aicsd002uaxybdk	INTEGER	#	The number of failed AAL2 connection modifications because of collision.	Sum, nkavctmbh, tot
mod_fail_int	nok_nkatmvc_aal2sl_tab.xpvf06tdmm2aicsd002uaxybdk	INTEGER	#	The number of failed AAL2 connection modifications because of internal error.	Sum, nkavctmbh, tot
mod_fail_rem	nok_nkatmvc_aal2sl_tab.xpvf06xdmm2aicsd002uaxybdk	INTEGER	#	The number of failed AAL2 connection modifications because of failed remote.	Sum, nkavctmbh, tot

This edition applies to IBM® Tivoli® Netcool® Performance Manager for Wireless and to all subsequent releases and modifications until otherwise indicated in new editions.

mod_fail_res	nok_nkatmvc_aal2sl_tab.xpvf06rdmm2aicsd002uaxybdk	INTEGER	#	The number of failed AAL2 connection modifications because of resource unavailable.	Sum, nkavctmbh, tot
msg_not_impl	nok_nkatmvc_aal2sl_tab.x4lojrb1tq2ahsxrj035xkcuai	INTEGER	#	Message type non existent or not implemented (No.97).This parameter provides the number of connections terminated to CauseNo. 97. This cause Indicates that the equipment sending the cause has received a message with a message type it does not recognize either because this is a message not defined or defined but not implemented by the equipment sending this cause.	Sum, nkavctmbh, tot
msg_unrecog	nok_nkatmvc_aal2sl_tab.x4lojrr1tq2ahsxrj035xkcuai	INTEGER	#	Message with unrecognized parameter, discarded (No.110).This parameter provides the number of connections terminated to CauseNo. 110. This cause indicates that the equipment sending this cause has discarded a received message which includes a parameter that is not	Sum, nkavctmbh, tot

				recognized.	
net_out	nok_nkatmvc_aal2sl_tab.x4lojqr1tq2ahsxrj035xkcuai	INTEGER	#	Network out of order (No.38).This parameter provides the number of connections terminated to CauseNo. 38. It indicates that the network is not functioning correctly and that the condition is likely to last a relatively long period of time; for example, immediately attempting the call again is not likely to be successful.	Sum, nkavctmbh, tot
out_erq_attempt	nok_nkatmvc_aal2sl_tab.xpvf06bdmm2aicsd002uaxybdk	INTEGER	#	The number of outgoing AAL2 connection establishment requests.	Sum, nkavctmbh, tot
out_erq_success	nok_nkatmvc_aal2sl_tab.xpvf06ddmm2aicsd002uaxybdk	INTEGER	#	The number of successful outgoing AAL2 connection establishment.	Sum, nkavctmbh, tot
out_mod_attempt	nok_nkatmvc_aal2sl_tab.xpvf06jdmm2aicsd002uaxybdk	INTEGER	#	The number of outgoing AAL2 connection modification requests.	Sum, nkavctmbh, tot
out_mod_success	nok_nkatmvc_aal2sl_tab.xpvf06ldmm2aicsd002uaxybdk	INTEGER	#	The number of successful outgoing AAL2 connection	Sum, nkavctmbh, tot

				modifications.	
req_chan	nok_nkatmvc_aal2sl_tab.x4lojqx1tq2ahsxrj035xkcuai	INTEGER	#	Requested circuit/channel not available (No.44).This parameter provides the number of connections terminated to CauseNo. 44. This cause is returned when the circuit or channel indicated by there questing entity cannot be provided by the other side of the interface.	Sum, nkavctmbh, tot
res_unavail	nok_nkatmvc_aal2sl_tab.x4lojr01tq2ahsxrj035xkcuai	INTEGER	#	Resource unavailable unspecified (No.47).This parameter provides the number of connections terminated to CauseNo. 47. This cause is used to report a resource unavailable event only when no other cause in the resource unavailable class applies.	Sum, nkavctmbh, tot
sai_alloc	nok_nkatmvc_aal2sl_tab.x4lojrt1tq2ahsxrj035xkcuai	INTEGER	#	OSAI allocation failure.This is the same as the hand process reservation failure. Internal (nonprotocol) error.	Sum, nkavctmbh, tot
temp_fail	nok_nkatmvc_aal2sl_tab.x4lojqt1tq2ahsxrj035xkcuai	INTEGER	#	Temporary failure (No.41).This parameter provides the number of	Sum, nkavctmbh, tot

				connections terminated to CauseNo. 41. The cause code indicates that the network is not functioning correctly and that the condition is not likely to last a long period of time; for example, the user may wish to try another call almost immediately.	
timer_exp_blo	nok_nkatmvc_aal2sl_tab.x4lojrn1tq2ahsxrj035xkcuai	INTEGER	#	Recovery on BLO_timer expiry (No.102).This parameter provides the number of connections terminated to CauseNo. 102 block request. The block request is a Primitive to request the AAL type 2 signalling entity to locally block a particular, unblocked AAL type 2 path and to indicate this to the peer AAL type 2 signalling entity.	Sum, nkavctmbh, tot
timer_exp_erq	nok_nkatmvc_aal2sl_tab.x4lojrh1tq2ahsxrj035xkcuai	INTEGER	#	Recovery on ERQ timer expiry (No.102).This parameter provides the number of connections	Sum, nkavctmbh, tot

				terminated to CauseNo. 102 establish request. Establish request Primitive is used by the AALtype 2 served user to initiate the establishment of a new AAL type 2connection.	
timer_exp_mod	nok_nkatmvc_aal2sl_tab.xpvf0a0dmm2aicsd002uaxybdk	INTEGER	#	The number of failed AAL2 connection modifications because timer waiting for Modify Acknowledge message expires.	Sum, nkavctmbh, tot
timer_exp_rel	nok_nkatmvc_aal2sl_tab.x4lojrj1tq2ahsxrj035xkcuai	INTEGER	#	Recovery on REL_timer expiry (No.102).This parameter provides the number of connections terminated to CauseNo. 102 release request. Release request Primitive is used by the AAL type2 served user to initiate the clearing of an AAL type 2 connection.	Sum, nkavctmbh, tot
timer_exp_res	nok_nkatmvc_aal2sl_tab.x4lojrl1tq2ahsxrj035xkcuai	INTEGER	#	Recovery on RES_timer expiry (No.102).This parameter provides the number of connections terminated to CauseNo. 102 reset request. Reset	Sum, nkavctmbh, tot

				request is a Primitive to request the AAL type2 signalling entity to reset a particular channel, all channels on a particular AAL type 2 path, or all channels on all AAL type 2 paths between two nodes to the "Idle" state and to indicate this to the peer AAL type 2 signalling entity.	
timer_exp_ubl	nok_nkatmvc_aal2sl_tab.x4lojrp1tq2ahsxrj035xkcuai	INTEGER	#	Recovery on UBL_timer expiry (No.102).This parameter provides the number of connections terminated to CauseNo. 102 unblock request. Unblock request is a Primitive to request the AALtype 2 signalling entity to locally unblock a particular, blocked AAL type 2path and to indicate this to the peer AAL type 2 signalling entity.	Sum, nkavctmbh, tot

6.4.3 ATM_VCC.Nokia.UMTS.cac_resource

AAL2 path Connection Admission Control (CAC) resource statistics

KPI Name	Expression	Data Type	Units	Description	Aggregation

aal2_cac_rejected_hsdpa	nok_atmvcc_cacrsrc_tab.yuy2pl2ahk26seccb00hw01qk4	INT8	#	The number of times AAL2 resource reservations for HSDPA connection have been rejected by AAL2 CAC. Shared HSDPA AAL2 allocation reservations are not included. This value stays 0 in MGW.	Sum, nkavcacbh, tot
aal2_cac_rejected	nok_atmvcc_cacrsrc_tab.yvc5e4dahk26seccb00hw01qk4	INT8	#	The total number of rejected connections due to CAC.	Sum, nkavcacbh, tot
aal2_hw_rejected_hsdpa	nok_atmvcc_cacrsrc_tab.yuykpqpahk26seccb00hw01qk4	INT8	#	- Obsolete in RN2.2 -The number of times AAL2 resource reservation for HSDPA connection was rejected by HW. Shared HSDPA AAL2 allocation reservations are not included here. This value stays 0 in MGW.	Sum, nkavcacbh, tot
aal2_hw_rejected	nok_atmvcc_cacrsrc_tab.yuvnxhpahk26seccb00hw01qk4	INT8	#	- Obsolete in RN2.2 - The number of connection establishments, which are rejected due to failed HW request. This failure can occur after successful CAC resource	Sum, nkavcacbh, tot

This edition applies to IBM® Tivoli® Netcool® Performance Manager for Wireless and to all subsequent releases and modifications until otherwise indicated in new editions.

				reservation.	
aal2_path_guar_cell_rate	nok_atmvcc_cacrsrc_tab.yuubl1lahk26seccb00hw01qk4	INT8	cell/s	The guaranteed cell rate for AAL2 path. This is the maximum configured value for AAL2 path traffic.	Average, avg, max, min, nkavcacbh, tot
aal2_rm_succeeded_hsdpa	nok_atmvcc_cacrsrc_tab.yv3vmrdahk26seccb00hw01qk4	INT8	#	The number of times downlink AAL2 resources have been successfully reserved for HSDPA MAC-D flow connections. This indicates that ATM resources were successfully reserved in RNC, but the connection may still fail in the AAL2 signalling with BTS. Shared HSDPA AAL2 allocation reservations are not included here. This value stays 0 in MGW.	Sum, nkavcacbh, tot
aal2_rm_succeeded	nok_atmvcc_cacrsrc_tab.yvbp0gtahk26seccb00hw01qk4	INT8	#	The total number of successful AAL2 resource reservations. The connection has successfully passed the RNC ATM resource reservation stage, but may still fail in the signalling phase.	Sum, nkavcacbh, tot
avg_aal2_connections_hsdpa	{sum_aal2_connections_hsdpa} / {nbr_samples}	FLOAT	#	Average number of HSDPA	Average, avg, max,

				connections.	min, nkavcacbh, tot
avg_aal2_connections	nok_atmvcc_cacrsrc_tab.yv6oglhahk26seccb00hw01qk4	FLOAT	#	Average values for the number of AAL2 connection during the measurement period.	Average, avg, max, min, nkavcacbh, tot
avg_reserved_cell_rate	{sum_reserved_cell_rate} / {nbr_samples}	FLOAT	cell/s	Average reserved cell rate	Average, avg, max, min, nkavcacbh, tot
avg_shared_hsdpa_aal2_allocation	{shared_hsdpa_aal2_allocation} / {nbr_samples}	FLOAT	cell/s	Average cell rate of shared HSDPA AAL2 allocation, during measurement period.	Average, avg, max, min, nkavcacbh, tot
max_aal2_connections_hsdpa	nok_atmvcc_cacrsrc_tab.yuxjy0tahk26seccb00hw01qk4	INT8	#	The maximum number of simultaneous HSDPA connections during the measurement period. This represents the highest value of samples taken. The shared HSDPA AAL2 allocation reservations are not included here. This value stays 0 in MGW.	Constant, avg, max, min, nkavcacbh, tot
max_aal2_connections	nok_atmvcc_cacrsrc_tab.yvaqk6dahk26seccb00hw01q	INT8	#	The maximum number of	Constant, avg, max,

	k4			connections in AAL2 path during measurement period.	min, nkavcacbh, tot
max_reserved_cell_rate	nok_atmvcc_cacrsrc_tab.yv5ri4tahk26seccb00hw01qk4	FLOAT	cell/s	The maximum reserved cell rate of AAL2 path during measurement interval.	Constant, avg, max, min, nkavcacbh, tot
max_shared_hsdpa_aal2_alloc	nok_atmvcc_cacrsrc_tab.yv4u0p2ahk26seccb00hw01qk4	FLOAT	cell/s	The maximum size of shared HSDPA AAL2 allocation during the measurement period.	Constant, avg, max, min, nkavcacbh, tot
min_aal2_connection_hsdpa	nok_atmvcc_cacrsrc_tab.yux1lwdahk26seccb00hw01qk4	INT8	#	The minimum number of HSDPA connections during the measurement period. Shared HSDPA AAL2 allocation reservations are not included. This value stays 0 in MGW.	Minimum, avg, max, min, nkavcacbh, tot
min_aal2_connections	nok_atmvcc_cacrsrc_tab.yvabutxahk26seccb00hw01qk4	INT8	#	The minimum number of simultaneously active connections in AAL2 path during measurement interval.	Minimum, avg, max, min, nkavcacbh, tot
min_reserved_cell_rate	nok_atmvcc_cacrsrc_tab.yv5cx0hahk26seccb00hw01qk4	FLOAT	cell/s	The minimum reserved cell rate of AAL2 path during measurement interval.	Minimum, avg, max, min, nkavcacbh, tot
min_shared_hsdpa_aal2_alloc	nok_atmvcc_cacrsrc_tab.yv4dx5pahk26seccb00hw01qk4	FLOAT	cell/s	The minimum size of shared HSDPA AAL2 allocation during the	Minimum, avg, max, min, nkavcacbh

				measurement period.	, tot
nbr_samples	nok_atmvcc_cacrsrc_tab.yvbagftahk26seccb00hw01qk4	INT8	#	The number of samples that can be used to calculate average values for AAL2 connections, HSDPA connections as well as the average allocation for HSDPA.	Sum, nkavcacbh, tot
shared_hsdpa_aal2_allocation	nok_atmvcc_cacrsrc_tab.yv2xehpahk26seccb00hw01qk4	INT8	cell/s	The sum of sampled values for the cell rate of shared HSDPA AAL2 allocation, during measurement period. When divided by M550C7, it produces the average shared allocation bandwidth. This value stays 0 in MGW.	Sum, nkavcacbh, tot
sum_aal2_connections_hsdpa	nok_atmvcc_cacrsrc_tab.yuw44n6ahk26seccb00hw01qk4	INT8	#	The sum of sampled values for the number AAL2 connections used by HSDPA, during measurement period. When divided by M550C7, it produces the average number of HSDPA	Sum, nkavcacbh, tot

				connections. Shared HSDPA AAL2 allocation reservations are not included. This value stays 0 in MGW.	
sum_aal2_connections	nok_atmvcc_cacrsrc_tab.yv66xipahk26seccb00hw01qk4	INT8	#	The sum of sampled values for the number of AAL2 connection during the measurement period. When divided by M550C7, it produces the average number of AAL2 connections.	Sum, nkavcacbh, tot
sum_reserved_cell_rate	nok_atmvcc_cacrsrc_tab.yuuqi3tahk26seccb00hw01qk4	INT8	cell/s	The sum of reserved cell rate samples taken during measurement period. When divided by M550C7, it produces the average reserved cell rate.	Sum, nkavcacbh, tot

6.4.4 ATM_VCC.Nokia.UMTS.RAN_Accessibility.Transport_Network_Resource

WCDMA RAN KPI Accessibility:Service Level related statistics

KPI Name	Expression	Data Type	Units	Description	Aggregation
_%_aal2_resources_availability	100 * ({Nokia.resource_reservation.aal2_succeeded})/ ({Nokia.resource_reservation.aal2_succeeded} + {Nokia.resource_reservation.aal2_rejected} + {Nokia.resource_reservation.res_ext_cap} +	FLOAT	%	The transport resource request success ratio [%]. This KPI describes the average success rate of the transport resource reservation attempts for AAL2 type connections.	Average, avg, nkavcacbh

	{Nokia.resource_reservation.res_int_cap} + {Nokia.resource_reservation.res_other})			The low success rate increases the number of unsuccessful RAB setups and requires further troubleshooting in transport layer. This KPI is based on AAL2 Resource Reservation measurement in RNC Counters - Transport and HW part in Nokia WCDMA RNC Product Documentation.	

6.4.5 ATM_VCC.Nokia.UMTS.RAN_Usage.Transport_Network

WCDMA RAN KPI Usage:Transport Network related statistics

KPI Name	Expression	Data Type	Units	Description	Aggregation
_%_aal2_path_average_reserved_bandwidth	100 * {Nokia.cac_resource.sum_reserved_cell_rate}/ ({Nokia.cac_resource.aal2_path_guar_cell_rate}*{Nokia.cac_resource.nbr_samples})	FLOAT	%	The ratio between average reserved bandwidth and total bandwidth of AAL2 path estimated by CAC during measurement period. The AAL2 path is an ATM VCC between two AAL type 2 entities. The high reservation level may cause blocking of radio bearer	Average, avg, nkavcacbh

				setup. This KPI is based on AAL2 Path CAC Resource measurement in RNC Counters - Transport and HW part in Nokia WCDMA RNC Product Documentation.	
available_iub_transport_capacity_hsdpa_connection	({Nokia.cac_resource.aal2_path_guar_cell_rate}-({Nokia.cac_resource.sum_reserved_cell_rate}-{Nokia.cac_resource.shared_hsdpa_aal2_allocation})) / ({Nokia.cac_resource.nbr_samples})	FLOAT	cell/s	The AAL2 transport capacity available per HSDPA connection during measurement period in Iub. This KPI is based on AAL2 Path CAC Resource measurement in RNC Counters - Transport and HW part in Nokia WCDMA RNC Product Documentation.	Average, avg, max, min, nkavcacbh, tot
hsdpa_atm_vcc_traffic_load_iub_downlink	nok_ran_use_trans_ntwk_tab.skeginbag32ahdvuj02uauibev	FLOAT	cell/s	ATM VCC traffic load in downlink (RNC egress). This KPI shows the ATM layer throughput for single ATM VC connection. The selected configuration determines, which traffic type utilises one VCC, This KPI is relevant only if dedicated VCC is used for HSDPA traffic (route selection feature). [cell/s]. [RAN_KPI_0054]	Average, avg, max, min, nkavcacbh, tot

6.4.6 ATM_VCC.Nokia.UMTS.resource_reservation

AAL2 resource reservation statistics

KPI Name	Expression	Data Type	Units	Description	Aggregation
_%_aal2_succeeded_hsdpa	100 * {aal2_succeeded_hsdpa}/ ({aal2_succeeded_hsdpa} + {transport_rejected_ext_hsdpa} + {transport_rejected_int_hsdpa} + {other_rejected_hsdpa} + {reject_hsdpa_too_many_users})	FLOAT	%	Success rate of shared HSDPA AAL2 allocation	Average, avg, nkavcacbh
_%_aal2_succeeded	100 * {aal2_succeeded}/ ({aal2_succeeded} + {aal2_rejected})	FLOAT	%	Success Rate of AAL2 signalling requests which have been successfully executed in A2SP	Average, avg, nkavcacbh
_%_res_succeeded	100 * {res_succeeded}/ ({res_succeeded}+ {res_ext_cap}+ {res_int_cap}+ {res_other})	FLOAT	%	Success rate of AAL2 resource requests that are successfully reserved to RNC	Average, avg, nkavcacbh
aal2_rejected	nok_atmvcc_rsrcsrv_tab.yvk2ny6ahk26seccb00hw01qk4	INT8	#	The number of AAL2 signalling requests which have failed for any reason.	Sum, nkavcacbh, tot
aal2_succeeded_hsdpa	nok_atmvcc_rsrcsrv_tab.yvlc12lahk26seccb00hw01qk4	INT8	#	The number of successfully signalled shared HSDPA AAL2 transport resource allocations.	Sum, nkavcacbh, tot
aal2_succeeded	nok_atmvcc_rsrcsrv_tab.yvjmlfpahk26seccb00hw01qk4	INT8	#	The number of AAL2 signalling requests which have been successfully executed in A2SP.	Sum, nkavcacbh, tot

active_hsdpa_res_time	nok_atmvcc_rsrcsrv_tab.yvcmyclahk26seccb00hw01qk4	INT8	Sec	The sum of durations when at least one HSDPA user was utilising the shared HSDPA AAL2 allocation.	Sum, nkavcacbh, tot
active_time_cumulative	nok_atmvcc_rsrcsrv_tab.yvfvf5pahk26seccb00hw01qk4	INT8	Sec	The cumulative sum of durations when at least one HSDPA user has utilised the shared HSDPA AAL2 allocation during the measurement period.	Sum, nkavcacbh, tot
other_rejected_hsdpa	nok_atmvcc_rsrcsrv_tab.yvmo4j6ahk26seccb00hw01qk4	INT8	#	The number of shared HSDPA AAL2 allocation attempts that were rejected because of any other reason than internal or external Connection Admission Control, or too many users without AAL2 reservation.	Sum, nkavcacbh, tot
reject_hsdpa_too_many_users	nok_atmvcc_rsrcsrv_tab.yvgtex6ahk26seccb00hw01qk4	INT8	#	The number of HSDPA AAL2 reservations rejected because of too many users. This includes occurrences where transport resource reservation for HSDPA MAC-d flow has been rejected because of too many users. This is related to the case where the shared HSDPA AAL2 allocation has failed and the number of users is limited to the number given by parameter "NbrOfOverbookedHSDPAUsers".	Sum, nkavcacbh, tot
release_timer_length	nok_atmvcc_rsrcsrv_tab.yvdk3gpahk26seccb00hw01qk4	INT8	Sec	Value of the shared HSDPA AAL2 allocation reservation release timer, "ReleaseTimerForSharedHSDPAallocation", at the end of the measurement interval. This counter is not valid and not updated for RNC-level sum because the release timer can be configured separately for each BTS.	Average, avg, max, min, nkavcacbh, tot

res_ext_cap	nok_atmvcc_rsrcsrv_tab.yvhqyhtahk26seccb00hw01qk4	INT8	#	The number of transport resource reservations rejected because of the lack of RNC-external AAL2 resources. This is the number of transport resources requests which are rejected by CAC since there is not enough capacity in the external AAL2 path.	Sum, nkavcacbh, tot
res_int_cap	nok_atmvcc_rsrcsrv_tab.yviapyxahk26seccb00hw01qk4	INT8	#	The number of transport resource reservations rejected because of the lack of RNC-internal capacity. This is the number of resource reservations which are rejected by CAC since there are no RNC-internal AAL2 processing resources available.	Sum, nkavcacbh, tot
res_other	nok_atmvcc_rsrcsrv_tab.yvipk02ahk26seccb00hw01qk4	INT8	#	The number of AAL2 resource reservations which have failed for any other reason than CAC or signalling (for example route analysis, parameter or DSP resource allocation problem).	Sum, nkavcacbh, tot
res_succeeded	nok_atmvcc_rsrcsrv_tab.yvhc026ahk26seccb00hw01qk4	INT8	#	The number of AAL2 resource requests that are successfully reserved to RNC, but still need to be signalled using AAL2 signalling protocol to be operational.	Sum, nkavcacbh, tot
reserv_rel_due_to_other	nok_atmvcc_rsrcsrv_tab.yvfg4pxahk26seccb00hw01qk4	INT8	#	The number of times when the shared HSDPA AAL2 allocation was released because of other reason than release timer expiry. This can happen, for example, because of ATM network failure or BTS reset.	Sum, nkavcacbh, tot
reserv_rel_d	nok_atmvcc_rsrcsrv_tab.y	INT8	#	The number of times when the	Sum,

ue_to_timer	vdynb2ahk26seccb00hw01qk4			shared HSDPA AAL2 allocation was released because the release timer expired. This counter is also updated if the release timer value is zero and the reservation is released after the last user leaves the cell.	nkavcacbh, tot
reserv_rel_timer_started	nok_atmvcc_rsrcsrv_tab.yveibgpahk26seccb00hw01qk4	INT8	#	The number of times when release timer for shared HSDPA AAL2 allocation, defined by parameter "ReleaseTimerForSharedHSDPAallocation", was started because there were no active AAL2 connections for HSDPA.	Sum, nkavcacbh, tot
reserv_rel_timer_stopped	nok_atmvcc_rsrcsrv_tab.yvexdsxahk26seccb00hw01qk4	INT8	#	The number of times when release timer for shared HSDPA AAL2 allocation, defined by parameter "ReleaseTimerForSharedHSDPAallocation", was stopped because a HSDPA user entered the cell.	Sum, nkavcacbh, tot
transport_rejected_ext_hsdpa	nok_atmvcc_rsrcsrv_tab.yvlqsuxahk26seccb00hw01qk4	INT8	#	The number of shared HSDPA AAL2 allocation attempts that were rejected because of external Connection Admission Control.	Sum, nkavcacbh, tot
transport_rejected_int_hsdpa	nok_atmvcc_rsrcsrv_tab.yvm6j42ahk26seccb00hw01qk4	INT8	#	The number of shared HSDPA AAL2 allocation attempts that were rejected because of the lack of RNC-internal AAL2 resources.	Sum, nkavcacbh, tot
waiting_hsdpa_res_time	nok_atmvcc_rsrcsrv_tab.yvd2hkxahk26seccb00hw01qk4	INT8	Sec	The sum of durations when the shared HSDPA AAL2 path was allocated, but there were no HSDPA users utilising it.	Sum, nkavcacbh, tot
waiting_time_cumulative	nok_atmvcc_rsrcsrv_tab.yvgecm6ahk26seccb00hw01qk4	INT8	Sec	The cumulative sum of durations when there have been no HSDPA connections, but the shared HSDPA AAL2 allocation has been reserved	Sum, nkavcacbh, tot

				because of the release timer period.	

6.4.7 ATM_VCC.Nokia.UMTS.saal

SAAL Data related messages.

KPI Name	Expression	Data Type	Units	Description	Aggregation
abort_det	nok_nkatmvc_saal_tab.x4lojut1tq2ahsxrj035xkcuai	INTEGER	#	The number of AAL5 CPCS PDUs whose sending has been aborted. SAR Reassembly status. When the EOM cell is processed, the reassembly coprocessor performs the following check: If the LENGTH field in the trailer of the AAL5 PDU is zero, the ABORT bit in the status queue entry is set to a logic high.	Sum, nkavctmbh, tot
ba_err	nok_nkatmvc_saal_tab.x4lojuf1tq2ahsxrj035xkcuai	INTEGER	#	The number of reassembled AAL5 CPCS PDUs whose total PDU length is over the maximum allowable PDU length. SAR Reassembly status. During reassembly maximum SDU delivery length (including trailer	Sum, nkavctmbh, tot

				and pad) is checked to ensure that the PDU under reassembly does not exceed the maximum SDU delivery length.	
cpi_err	nok_nkatmvc_saal_tab.x4lojuj1tq2ahsxrj035xkcuai	INTEGER	#	The number of reassembled AAL5 CPCS PDUs whose CPI has been invalid. SAR Reassembly status. When the EOM cell is processed, the reassembly coprocessor performs the following check. If the CPI field in the AAL5 trailer is not at zero, the CPI_ERROR bit in the status queue entry is set to a logic high.	Sum, nkavctmbh, tot
crc_err	nok_nkatmvc_saal_tab.x4lojuh1tq2ahsxrj035xkcuai	INTEGER	#	The number of reassembled AAL5 CPCS PDUs whose CRC 32 has been violated. SAR Reassembly status. When the EOM cell is processed, the reassembly coprocessor compares the calculated CRCREM value to the CRC 32 value in the trailer of the AAL5 PDU. If they are different, the reassembly coprocessor sets the	Sum, nkavctmbh, tot

				CRC_ERROR bit in the status queue entry to a logic high.	
crc_pad_err	nok_nkatmvc_saal_tab.x4lojup1tq2ahsxrj035xkcuai	INTEGER	#	The number of reassembled AAL5 CPCS PDUs in which either CRC 32 has been violated or PAD field length has been invalid. SAR Reassembly status. See PAD_ERR M546C39 and CRC_ERR M546C36.	Sum, nkavctmbh, tot
early_disc	nok_nkatmvc_saal_tab.x4lojuv1tq2ahsxrj035xkcuai	INTEGER	#	The number of AAL5 CPCS PDUs which have been discarded because free Rx buffers have not been available. SAR Reassembly status. Early Packet Discard occurred. A partially reassembled CPCS PDU has been discarded due to firewall, buffer underflow, LI_EPD, SN_EPD, ST_EPD, CLP discard or Max PDU length exceeded.	Sum, nkavctmbh, tot
error_code_a	nok_nkatmvc_saal_tab.x4lojsl1tq2ahsxrj035xkcuai	INTEGER	#	Receipt of unsolicited SSCOP Sequenced Data (SD PDU). SD PDU is	Sum, nkavctmbh, tot

				received in a SSCOP connection state where it should not be received (Q.2110). SD PDU is used to transfer, across an SSCOP connection, sequentially numbered PDUs containing information fields provided by the SSCOP user.	
error_code_b	nok_nkatmvc_saal_tab.x4lojsn1tq2ahsxrj035xkcuai	INTEGER	#	Receipt of unsolicited SSCOP Begin (BGN PDU). BGN PDU is received in a SSCOP connection state where it should not be received (Q.2110). Begin (BGN PDU) is used to establish an SSCOP connection between two peer entities. The BGN PDU requests the clearing of the peers transmitter and receiver buffers, and the initialization of the peers transmitter and receiver state variables.	Sum, nkavctmbh, tot
error_code_c	nok_nkatmvc_saal_tab.x4lojsp1tq2ahsxrj035xkcuai	INTEGER	#	Receipt of unsolicited SSCOP Begin Acknowledge (BGAK PDU).BGAK PDU is received in a SSCOP connection state where it should not be received	Sum, nkavctmbh, tot

				(Q.2110). Begin Acknowledge (BGAK PDU) is used to confirm the establishment of an SSCOP connection between two peer entities.	
error_code_del	nok_nkatmvc_saal_tab.x4loju41tq2ahsxrj035xkcuai	INTEGER	#	SD PDUs must be deleted. The SSCOP transmitter has discarded an AA DATA request from the user because it can not store it into its transmit buffer. This can happen if the SSCOP receiver closes the credit window and SSCOP transmitter can not send SD PDUs and has to store them into the transmit buffer. Also if there is congestion in the lower layers the SD PDUs can not be sent (Q.2110).	Sum, nkavctmbh, tot
error_code_d	nok_nkatmvc_saal_tab.x4lojsr1tq2ahsxrj035xkcuai	INTEGER	#	Receipt of unsolicited SSCOP Begin Reject (BGREJ PDU). BGREJ PDU is received in a SSCOP connection state where it should not be received (Q.2110). The BGREJ PDU is used	Sum, nkavctmbh, tot

				to reject the connection request of the peer SSCOP entity.	
error_code_e	nok_nkatmvc_saal_tab.x4lojst1tq2ahsxrj035xkcuai	INTEGER	#	Receipt of unsolicited SSCOP End (END PDU).END PDU is received in a SSCOP connection state where it should not be received (Q.2110). The END PDU is used to release an SSCOP connection between two peer entities.	Sum, nkavctmbh, tot
error_code_f	nok_nkatmvc_saal_tab.x4lojsv1tq2ahsxrj035xkcuai	INTEGER	#	Receipt of unsolicited SSCOP End Acknowledge (ENDAK PDU).ENDAK PDU is received in a SSCOP connection state where it should not be received (Q.2110). The ENDAK PDU is used to confirm the release of an SSCOP connection.	Sum, nkavctmbh, tot
error_code_g	nok_nkatmvc_saal_tab.x4lojsx1tq2ahsxrj035xkcuai	INTEGER	#	Receipt of unsolicited SSCOP Polling (POLL PDU). POLL PDU is received in a SSCOP connection state where it should not be received (Q.2110). The POLL PDU is used to request, across an SSCOP connection, status information	Sum, nkavctmbh, tot

				about the peer SSCOP entity.	
error_code_h	nok_nkatmvc_saal_tab.x4lojt01tq2ahsxrj035xkcuai	INTEGER	#	Receipt of unsolicited SSCOP Status (STAT PDU). STAT PDU is received in a SSCOP connection state where it should not be received (Q.2110). The STAT PDU is used to respond to a status request (POLL PDU) received from a peer SSCOP entity. It contains information regarding the reception status of SD PDUs, credit information for the peer transmitter, and the sequence number [N(PS)] of the POLL PDU to which it is in response.	Sum, nkavctmbh, tot
error_code_i	nok_nkatmvc_saal_tab.x4lojt21tq2ahsxrj035xkcuai	INTEGER	#	Receipt of unsolicited SSCOP Unsolicited Status Response (USTAT PDU). USTAT PDU is received in a SSCOP connection state where it should not be received (Q.2110). The USTAT PDU is used to respond to a	Sum, nkavctmbh, tot

				detection of one or more new missing SD PDUs, based on the examination of the sequence numbering of the SD PDU. It contains information regarding the reception status of SD PDUs and credit information for the peer transmitter	
error_code_j	nok_nkatmvc_saal_tab.x4lojt41tq2ahsxrj035xkcuai	INTEGER	#	Receipt of unsolicited SSCOP Resynchronization (RS PDU).RS PDU is received in a SSCOP connection state where it should not be received (Q.2110). The RS PDU is used to re synchronise the buffers and data transfer state variables.	Sum, nkavctmbh, tot
error_code_k	nok_nkatmvc_saal_tab.x4lojt61tq2ahsxrj035xkcuai	INTEGER	#	Receipt of unsolicited SSCOP Resynchronization Acknowledge (RSAK PDU).RSAK PDU is received in a SSCOP connection state where it should not be received (Q.2110). The RSAK PDU is used to acknowledge the acceptance of a re synchronisation requested by the peer SSCOP entity.	Sum, nkavctmbh, tot

error_code_l	nok_nkatmvc_saal_tab.x4lojtb1tq2ahsxrj035xkcuai	INTEGER	#	Receipt of unsolicited SSCOP Error Recovery (ER PDU). ER PDU is received in a SSCOP connection state where it should not be received (Q.2110). The ER PDU is used to recover from protocol errors.	Sum, nkavctmbh, tot
error_code_lw	nok_nkatmvc_saal_tab.x4loju01tq2ahsxrj035xkcuai	INTEGER	#	Local credit window closed. This error counter is increased in the SSCOP receiver when it can not accept any new SD PDUs. This can happen when the receive buffer is full.	Sum, nkavctmbh, tot
error_code_lx	nok_nkatmvc_saal_tab.x4loju21tq2ahsxrj035xkcuai	INTEGER	#	Local credit window opened. This error counter is increased in the SSCOP receiver when it can again accept new SD PDUs.	Sum, nkavctmbh, tot
error_code_m	nok_nkatmvc_saal_tab.x4lojtd1tq2ahsxrj035xkcuai	INTEGER	#	Receipt of unsolicited SSCOP Error Recovery Acknowledge (ERAK PDU).ERAK PDU is received in a SSCOP connection state where it should not be received	Sum, nkavctmbh, tot

				(Q.2110). The ERAK PDU is used to acknowledge the recovery from protocol error.	
error_code_o	nok_nkatmvc_saal_tab.x4lojtf1tq2ahsxrj035xkcuai	INTEGER	#	Unsuccessful retransmission. The number of transmissions of BGN, END, ER, or RS PDU (SSCOP state variable VT(CC)) has reached the maximum value of retransmissions (SSCOP parameter MaxCC) (Q.2110). When BGN, END, ER, or RS PDU is sent a timer is set (TimerCC) to wait for the acknowledge and variable VT(CC) is set to 1. If the acknowledge is not received the PDU is retransmitted and TimerCC is set again and VT(CC) is increased. If the VT(CC) reaches the value of MaxCC the PDU is no longer retransmitted.	Sum, nkavctmbh, tot
error_code_p	nok_nkatmvc_saal_tab.x4lojth1tq2ahsxrj035xkcuai	INTEGER	#	Timer_NO_RESPONSE expiry. SSCOP connection has been released (Q.2110). The Timer_NORESPONSE is set when POLL PDU is sent to peer SSCOP	Sum, nkavctmbh, tot

				entity. When peer acknowledges with STAT PDU the Timer_NORESPONSE is reset. If peer does not send STAT PDU and the Timer_NO_RESPONSE expires the SSCOP connection is released by SSCOP.	
error_code_q	nok_nkatmvc_saal_tab.x4lojtj1tq2ahsxrj035xkcuai	INTEGER	#	SD or POLL, N(S) error. SD or POLL PDU sequence number (N(S)) error (Q.2110). SD or POLL PDU is received and the N(S) parameter is not valid. Either SD PDU with N(S) that is in SSCOP receive buffer is received or POLL PDU contains N(S) that is greater than the highest expected sequence number (SSCOP variable VR(H)).	Sum, nkavctmbh, tot
error_code_r	nok_nkatmvc_saal_tab.x4lojtl1tq2ahsxrj035xkcuai	INTEGER	#	STAT N(PS) error.A STAT PDU is received for a POLL PDU that has not been sent (Q.2110). When POLL PDU is sent, the polling sequence number (SSCOP variable N(PS)) is	Sum, nkavctmbh, tot

				increased and sent in the PDU. The peer SSCOP entity copies this value from POLL PDU into the appropriate STAT PDU. This error code is increased when STAT PDU with N(PS) that has not been sent in any POLL PDU is received.	
error_code_s	nok_nkatmvc_saal_tab.x4lojtn1tq2ahsxrj035xkcuai	INTEGER	#	USTAT N(R) or list elements error. A STAT PDU is received with invalid data. The N(R) parameter in STAT PDU tells the sequence number of SD PDU that the sender of STAT PDU is waiting to be received next. This error counter is increased when the N(R) is greater than the next sequence number to be sent (SSCOP variable VT(S)), or the acknowledgement for that SD PDU has already been received in an earlier STAT or USTAT PDU. The list elements in STAT PDU are used to request retransmission of SD PDUs. This error counter is	Sum, nkavctmbh, tot

				increased, if such SD PDUs that are not sent or have been acknowledged to be received by the peer SSCOP entity, are requested to be retransmitted.	
error_code_t	nok_nkatmvc_saal_tab.x4lojtp1tq2ahsxrj035xkcuai	INTEGER	#	USTAT (N(R) or list elements error. An USTAT PDU is received with invalid data (Q.2110). The N(R) parameter in STAT PDU tells the sequence number of SD PDU that the sender of STAT PDU is waiting to be received next. This error counter is increased when the N(R) is greater than the next sequence number to be sent (SSCOP variable VT(S)), or the acknowledgement for that SD PDU has already been received in an earlier STAT or USTAT PDU. The list elements in USTAT PDU are used to request retransmission of SD PDUs. This error counter is	Sum, nkavctmbh, tot

				increased, if such SD PDUs that are not sent or have been acknowledged to be received by the peer SSCOP entity, are requested to be retransmitted	
error_code_u	nok_nkatmvc_saal_tab.x4lojtr1tq2ahsxrj035xkcuai	INTEGER	#	PDU length violation. If the length of a PDU is not between the minimum and maximum length of the PDU or the PDU length is not 32 bit aligned (Q.2110).	Sum, nkavctmbh, tot
error_code_v	nok_nkatmvc_saal_tab.x4lojtt1tq2ahsxrj035xkcuai	INTEGER	#	SD PDUs must be retransmitted (Q.2110). If SD PDUs have been lost the peer SSCOP entity can request them to be retransmitted with USTAT PDU or STAT PDU.	Sum, nkavctmbh, tot
error_code_w	nok_nkatmvc_saal_tab.x4lojtv1tq2ahsxrj035xkcuai	INTEGER	#	Lack of credit (Q.2110). Number of times when the SSCOP is not allowed to transmit data PDUs to peer node. Also the times when SSCOP receiver doesn't accept any data PDUs sent by peer node are counted. Credit is granted by the SSCOP receiver to allow the peer SSCOP transmitter to transmit new SD	Sum, nkavctmbh, tot

				PDUs. The credit value is conveyed to the transmitter in the (N(MR) field of each BGN, BGAK, RS, RSAK, ER, ERAK, STAT and USTAT PDU sent by the receiver. The credit value sent to the transmitter is the sequence number of the first SD PDU that the receiver will not accept. The credit is assigned the value "No" when the SSCOP transmitter can not send any SD PDUs because the receiver will not accept them.	
error_code_x	nok_nkatmvc_saal_tab.x4lojtx1tq2ahsxrj035xkcuai	INTEGER	#	Local credit window closed. This error counter is increased in the SSCOP receiver when it can not accept any new SD PDUs. This can happen when the receive buffer is full.	Sum, nkavctmbh, tot
fbq_underf	nok_nkatmvc_saal_tab.x4lojux1tq2ahsxrj035xkcuai	INTEGER	#	The number of AAL5 CPCS PDUs which have been discarded because of free buffer queue underflows. SAR Reassembly status.	Sum, nkavctmbh, tot

				An underflow condition occurs when the SAR attempts to retrieve a queue entry and the host has not yet supplied this entry. This condition only happens on the free buffer queues. The SAR detects this condition by checking the queue entry VLD bit. Once detected, the SAR enters an Underflow Detected state on this queue only. Since this signifies that no data buffers are available for reassembly, the SAR initiates EPD on all channels assigned to this queue.	
len_err	nok_nkatmvc_saal_tab.x4lojul1tq2ahsxrj035xkcuai	INTEGER	#	The number of reassembled AAL5 CPCS PDUs whose length has been violated. SAR Reassembly status. During reassembly maximum SDU delivery length (including trailer and pad) is checked to ensure that the PDU under reassembly does not exceed the maximum SDU delivery length.	Sum, nkavctmbh, tot
msus_received	nok_nkatmvc_saal_tab.x4lojs61tq2ahsxrj035xkcuai	INTEGER	#	Number of received signalling data	Sum, nkavctmb

				messages from Layer 3.The amount of assured signalling data (AAL data) messages received from the users of Layer 3 (NBAP or AAL2 signalling) via AAL SAP of SSCFUNI.	h, tot
msus_transmitted	nok_nkatmvc_saal_tab.x4lojsf1tq2ahsxrj035xkcuai	INTEGER	#	Number of transmitted signalling data messages from Layer 3.Number of transmitted signalling data messages sent to Layer 3 by the user of the counterpart Layer 3	Sum, nkavctmbh, tot
no_err	nok_nkatmvc_saal_tab.x4lojub1tq2ahsxrj035xkcuai	INTEGER	#	The number of reassembled AAL5 CPCS PDUs which have not been errored. SAR Reassembly status.	Sum, nkavctmbh, tot
octets_received	nok_nkatmvc_saal_tab.x4lojsb1tq2ahsxrj035xkcuai	INTEGER	#	Number of received octets from Layer 3. The amount of the assured signalling data (AAL data) message octets received from the users of Layer 3 (NBAP or AAL2 signalling) via AALSAP of SSCF UNI.	Sum, nkavctmbh, tot

This edition applies to IBM® Tivoli® Netcool® Performance Manager for Wireless and to all subsequent releases and modifications until otherwise indicated in new editions.

octets_transmitted	nok_nkatmvc_saal_tab.x4lojsh1tq2ahsxrj035xkcuai	INTEGER	#	Number of transmitted octets from Layer 3.The number of transmitted signalling data message octets sent to Layer 3 by the user of the counterpart Layer 3.	Sum, nkavctmbh, tot
pad_err	nok_nkatmvc_saal_tab.x4lojun1tq2ahsxrj035xkcuai	INTEGER	#	The number of reassembled AAL5 CPCS PDUs whose Pad field length is incorrect. SAR Reassembly status. When the EOM cell is processed, the reassembly coprocessor performs the following checks: Compares the value collected in the Length Counter to the value in the LENGTH field in the trailer of the AAL5 PDU. If the number of Pad bytes is less than zero or greater than 47, the PAD_ERROR bit in the status queue entry is set to a logic high.	Sum, nkavctmbh, tot
rsm_timeout	nok_nkatmvc_saal_tab.x4lojur1tq2ahsxrj035xkcuai	INTEGER	#	The number of reassembled AAL5 CPCS PDUs whose reassembly timer has expired. SAR Reassembly status. The RS8234 automatically detects active	Sum, nkavctmbh, tot

				CPCSPDU time out for reassembly channels. A PDU time out occurs when a partially received PDU does not complete within a set time period. When it detects this timeout condition, the RS8234 provides a status queue indication to the host. This indication allows the host to recover the buffers held by the partially completed PDU. The RS8234 supports up to eight reassembly time out periods.	
rx_err	nok_nkatmvc_saal_tab.x4loju61tq2ahsxrj035xkcuai	INTEGER	#	The total sum of received errors. This counter is updated each time when SAR reassembles a received AAL5 CPCS PDU and some of the following errors are reported by SAR chip (SAR reassembly status) unexp_err, ba_err, crc_err, cpi_err, len_err, pad_err, crc_pad_err, rsm_timeout, abort_det,	Sum, nkavctmbh, tot

				early_disc, status_qf, vcc_fw, fbq_underf, stat_q_overf	
rx_pdu	nok_nkatmvc_saal_tab.x4l ojvd1tq2ahsxrj035xkcuai	INTEGER	#	The number of received error free AAL5 CPCS PDUs.	Sum, nkavctmbh, tot
rx_size	nok_nkatmvc_saal_tab.x4l ojvf1tq2ahsxrj035xkcuai	INTEGER	#	The number of bytes of reassembled error free AAL5 CPCS PDUs.	Sum, nkavctmbh, tot
sig_commands_received	nok_nkatmvc_saal_tab.x4l ojsd1tq2ahsxrj035xkcuai	INTEGER	#	ED Number of received signalling command messages from Layer 3.The signalling commands are channel activation (AAL_establish) and channel release (AAL_release). The counter indicates the reliability of the link used by AAL2.	Sum, nkavctmbh, tot
sig_notices_transmitted	nok_nkatmvc_saal_tab.x4l ojsj1tq2ahsxrj035xkcuai	INTEGER	#	TED Number of transmitted signalling command messages from Layer 3.Signalling commands are channel activation (AAL_establish) and channel release (AAL release). These commands are sent by the user of counterpart Layer 3.	Sum, nkavctmbh, tot
stat_q_overf	nok_nkatmvc_saal_tab.x4l ojv41tq2ahsxrj035xkcuai	INTEGER	#	The number of AAL5 CPCS PDUs which have been discarded because status queue of the	Sum, nkavctmbh, tot

				Rx buffers is full. SAR Reassembly status. See STATUS_QF M546C44.	
status_qf	nok_nkatmvc_saal_tab.x4lojv01tq2ahsxrj035xkcuai	INTEGER	#	The number of status queue fulfillments. SAR Reassembly status. A status queue overflow or full condition is entered when the last available status queue entry is written. The reassembly coprocessor detects the condition by comparing the WRITE and READ_UD index pointers in the corresponding status queue base table. Upon detecting a status overflow condition, the Rsm coprocessor sets the internal OVFL bit in the last status queue entry written to a logic high, to indicate the condition. The Rsm coprocessor also sets to one either the RSM_HS_FULL bit in the HOST_ISTAT1	Sum, nkavctmbh, tot

This edition applies to IBM® Tivoli® Netcool® Performance Manager for Wireless and to all subsequent releases and modifications until otherwise indicated in new editions.

				register, or the RSM_LS_FULL bit in the LP_ISTAT1 register, to prompt an interrupt. While the reassembly coprocessor is in status full condition, it discards all cells	
tot_bothway_msus	nok_nkatmvc_saal_tab.x4lojvh1tq2ahsxrj035xkcuai	INT8	#	Bothway total (received & transmit) number of received signalling data messages from Layer 3.	Sum, nkavctmbh, tot
unexp_err	nok_nkatmvc_saal_tab.x4lojud1tq2ahsxrj035xkcuai	INTEGER	#	The number of reassembled AAL5 CPCS PDUs which have contained unexpected errors. SAR Reassembly status.	Sum, nkavctmbh, tot
vcc_fw	nok_nkatmvc_saal_tab.x4lojv21tq2ahsxrj035xkcuai	INTEGER	#	The number of AAL5 CPCS PDUs which have been discarded because vcc firewall is crossed. SAR Reassembly status. Implementation of multiple free buffer queues and EPD performs a firewall functionality on a group basis. The user can also set up per VCC a firewall on a channel bychannel basis. The firewall mechanism allows the user to allocate buffer credits on a perchannel basis.	Sum, nkavctmbh, tot

				During reassembly on a channel enabled for firewall processing, whenever a buffer is taken off free buffer queues 0 through 15, the Rsm coprocessor decrements the RX_COUNTER[15.0] in the Rsm VCC Table entry for that channel. This allows COM buffers to be placed on queues 16 through 31 and not be stopped by the firewall. If the RX_COUNTER[15.0] for a channel is zero when a buffer is required, then the Rsm coprocessor declares a firewall condition.	
vcc_rele	nok_nkatmvc_saal_tab.x4lojvb1tq2ahsxrj035xkcuai	INTEGER	#	The number of illegal vcc releasing attempts. The counter is incremented if vcc reserved by another client is tried to release	Sum, nkavctmbh, tot
vcc_rese	nok_nkatmvc_saal_tab.x4lojv61tq2ahsxrj035xkcuai	INTEGER	#	The number of vcc re reservations. The counter is incremented if an already reserved vcc is tried to obtained	Sum, nkavctmbh, tot

				by another client.	

6.4.8 ATM_VCC.Nokia.UMTS.vcc_measurement

VCC cell ingress/egress performance statistics

KPI Name	Expression	Data Type	Units	Description	Aggregation
eg_cap_vc	nok_atmvcc_vccmeas_tab.ugpugu21im2ahsxr0035xkcuai	INTEGER	#	The configured egress bandwidth for the virtual channel connection.	Average, avg, max, min, nkavcacbh, tot
eg_queued_cells_vc	nok_atmvcc_vccmeas_tab.ugpugu01im2ahsxr0035xkcuai	INTEGER	Cells	The number of egress cells in virtual channel connection level queue(s).	Sum, nkavcacbh, tot
eg_rec_cells_vc	nok_atmvcc_vccmeas_tab.ugpugtx1im2ahsxr0035xkcuai	INTEGER	Cells	The number of egress cells received from a virtual channel connection.	Sum, nkavcacbh, tot
eg_tot_cells_vc	nok_atmvcc_vccmeas_tab.yvo2d46ahk26seccb00hw01qk4	INT8	#	The number of egress cells transmitted to a virtual channel connection.	Sum, nkavcacbh, tot
in_cap_vc	nok_atmvcc_vccmeas_tab.ugpugtv1im2ahsxr0035xkcuai	INTEGER	#	The configured ingress bandwidth for the virtual channel connection.	Average, avg, max, min, nkavcacbh, tot
in_queued_cells_vc	nok_atmvcc_vccmeas_tab.ugpugtt1im2ahsxr0035xkcuai	INTEGER	Cells	The number of ingress cells in virtual channel connection level queue(s).	Sum, nkavcacbh, tot
in_rec_cells_vc	nok_atmvcc_vccmeas_tab.ugpugtr1im2ahsxr0035xkcuai	INTEGER	Cells	The number of ingress cells received from a	Sum, nkavcacbh, tot

				virtual channel connection.	
n_tot_cells_vc	nok_atmvcc_vccmeas_tab.yvnmr0lahk26seccb00hw01qk4	INT8	#	The number of ingress cells received from a virtual channel connection.	Sum, nkavcacbh, tot

6.5 ATM_VPC Performance Indicators

- ATM_VPC.Nokia.UMTS.vpc_measurement

6.5.1 ATM_VPC.Nokia.UMTS.vpc_measurement

VPC cell ingress/egress performance statistics

KPI Name	Expression	Data Type	Units	Description	Aggregation
eg_cap_vp	nok_nkatmvpc_vpc_tab.ugpugtp1im2ahsxr0035xkcuai	INTEGER	#	The configured egress bandwidth for the virtual path connection.	Average, avg, max, min, tot
eg_queued_cells_vp	nok_nkatmvpc_vpc_tab.ugpugtn1im2ahsxr0035xkcuai	INTEGER	Cells	The number of egress cells in virtual path connection level queue(s).	Sum, tot
eg_rec_cells_vp	nok_nkatmvpc_vpc_tab.ugpugtl1im2ahsxr0035xkcuai	INTEGER	Cells	The number of egress cells received from a virtual path connection.	Sum, tot
eg_tot_cells_vp	nok_nkatmvpc_vpc_tab.yvoykepahk26seccb00hw01qk4	INT8	#	The number of egress cells transmitted to a virtual path	Sum, tot

				connection.	
in_cap_vp	nok_nkatmvpc_vpc_tab.ugpugtj1im2ahsxr0035xkcuai	INTEGER	#	The configured ingress bandwidth for the virtual path connection.	Average, avg, max, min, tot
in_queued_cells_vp	nok_nkatmvpc_vpc_tab.ugpugth1im2ahsxr0035xkcuai	INTEGER	Cells	The number of ingress cells in virtual path connection level queue(s).	Sum, tot
in_rec_cells_vp	nok_nkatmvpc_vpc_tab.ugpugtf1im2ahsxr0035xkcuai	INTEGER	Cells	The number of ingress cells received from a virtual path connection.	Sum, tot
in_tot_cells_vp	nok_nkatmvpc_vpc_tab.yvoju4tahk26seccb00hw01qk4	INT8	#	The number of ingress cells received from a virtual path connection.	Sum, tot

6.6 Cell Performance Indicators

- Cell.Nokia.UMTS.avail_cell
- Cell.Nokia.UMTS.bts_hw
- Cell.Nokia.UMTS.ce_capacity
- Cell.Nokia.UMTS.cell_busy_hour_kpi
- Cell.Nokia.UMTS.cell_data_transfer
- Cell.Nokia.UMTS.cell_thruput
- Cell.Nokia.UMTS.code_blocking
- Cell.Nokia.UMTS.code_downgrade
- Cell.Nokia.UMTS.code_occupancy
- Cell.Nokia.UMTS.code_request
- Cell.Nokia.UMTS.code_reservation
- Cell.Nokia.UMTS.dch_reconfiguration_failure
- Cell.Nokia.UMTS.dedicated_meas
- Cell.Nokia.UMTS.downlink_code_load
- Cell.Nokia.UMTS.edch_macd_flow
- Cell.Nokia.UMTS.edpcch_ttis
- Cell.Nokia.UMTS.hsdpa_users
- Cell.Nokia.UMTS.hsdsch_macd_flow
- Cell.Nokia.UMTS.hspdsch_power_class
- Cell.Nokia.UMTS.hsupa_users

- Cell.Nokia.UMTS.incoming_handovers_relocations
- Cell.Nokia.UMTS.intersys_hho_amr
- Cell.Nokia.UMTS.intersys_hho_nrt
- Cell.Nokia.UMTS.intersys_hho_rt
- Cell.Nokia.UMTS.intrasys_hho_inter_nrt
- Cell.Nokia.UMTS.intrasys_hho_inter_rt
- Cell.Nokia.UMTS.intrasys_hho_intra_nrt
- Cell.Nokia.UMTS.intrasys_hho_intra_rt
- Cell.Nokia.UMTS.intrasys_hho_rejected_relocations
- Cell.Nokia.UMTS.intrasys_hho_scc
- Cell.Nokia.UMTS.intrasys_hspa_ifho_meas
- Cell.Nokia.UMTS.iub_downlink_tx_load
- Cell.Nokia.UMTS.lrt_est
- Cell.Nokia.UMTS.macd_setup_hsdpa
- Cell.Nokia.UMTS.multirab.access_complete
- Cell.Nokia.UMTS.multirab.active_complete
- Cell.Nokia.UMTS.multirab.active_failure
- Cell.Nokia.UMTS.multirab.setup_attempts
- Cell.Nokia.UMTS.nbap.block_resource
- Cell.Nokia.UMTS.nbap.common_measurement
- Cell.Nokia.UMTS.nbap.compressed_mode_command
- Cell.Nokia.UMTS.nbap.dedicated_measurement_procedures
- Cell.Nokia.UMTS.nbap.error_indication
- Cell.Nokia.UMTS.nbap.iub_dl_powcon
- Cell.Nokia.UMTS.nbap.radio_link_addition
- Cell.Nokia.UMTS.nbap.radio_link_failure_deletion.drnc
- Cell.Nokia.UMTS.nbap.radio_link_failure_deletion.srnc
- Cell.Nokia.UMTS.nbap.radio_link_forced_ho
- Cell.Nokia.UMTS.nbap.radio_link_reconfig_commit_cancel
- Cell.Nokia.UMTS.nbap.radio_link_reconfig_failures.drnc
- Cell.Nokia.UMTS.nbap.radio_link_reconfig_failures.srnc
- Cell.Nokia.UMTS.nbap.radio_link_reconfig_prep
- Cell.Nokia.UMTS.nbap.radio_link_restoration
- Cell.Nokia.UMTS.nbap.radio_link_setup_failures_3gpp_nbap
- Cell.Nokia.UMTS.nbap.radio_link_setup_failures_first_rl
- Cell.Nokia.UMTS.nbap.radio_link_setup_failures_ho.drnc
- Cell.Nokia.UMTS.nbap.radio_link_setup_failures_ho.srnc
- Cell.Nokia.UMTS.nbap.radio_link_setup_successes
- Cell.Nokia.UMTS.nbap.reset_procedures
- Cell.Nokia.UMTS.nrt_dch_allocation
- Cell.Nokia.UMTS.nrt_dch_request

This edition applies to IBM® Tivoli® Netcool® Performance Manager for Wireless and to all subsequent releases and modifications until otherwise indicated in new editions.

- Cell.Nokia.UMTS.nrt_dch_upgrade
- Cell.Nokia.UMTS.olpc_measurement
- Cell.Nokia.UMTS.packet_call.allocation
- Cell.Nokia.UMTS.packet_call.call_release
- Cell.Nokia.UMTS.packet_call.congestion_control
- Cell.Nokia.UMTS.packet_call.setup_failures
- Cell.Nokia.UMTS.packet_call.setup
- Cell.Nokia.UMTS.packet_call.switching
- Cell.Nokia.UMTS.prach_prop_delay
- Cell.Nokia.UMTS.prxtotal
- Cell.Nokia.UMTS.ptx_est
- Cell.Nokia.UMTS.ptxtargetps
- Cell.Nokia.UMTS.ptxtotal
- Cell.Nokia.UMTS.rab.access_complete
- Cell.Nokia.UMTS.rab.active_complete_cs_data
- Cell.Nokia.UMTS.rab.active_complete_ps_data
- Cell.Nokia.UMTS.rab.active_failure_cs_data
- Cell.Nokia.UMTS.rab.active_failure_cs_voice
- Cell.Nokia.UMTS.rab.active_failure_ps_data
- Cell.Nokia.UMTS.rab.active_failures_ps
- Cell.Nokia.UMTS.rab.active_release_cs_data
- Cell.Nokia.UMTS.rab.active_release_cs_voice
- Cell.Nokia.UMTS.rab.active_release_ps_data
- Cell.Nokia.UMTS.rab.connections_in_cs
- Cell.Nokia.UMTS.rab.connections_in_ps
- Cell.Nokia.UMTS.rab.connections_out_cs
- Cell.Nokia.UMTS.rab.connections_out_ps
- Cell.Nokia.UMTS.rab.control_procedures
- Cell.Nokia.UMTS.rab.holding_times
- Cell.Nokia.UMTS.rab.reconfigurations
- Cell.Nokia.UMTS.rab.setup_access_complete
- Cell.Nokia.UMTS.rab.setup_access_failure
- Cell.Nokia.UMTS.rab.setup_attempts
- Cell.Nokia.UMTS.rab.setup_complete
- Cell.Nokia.UMTS.rab.setup_failure_cs
- Cell.Nokia.UMTS.rab.setup_failure_ps
- Cell.Nokia.UMTS.rab.setup_time
- Cell.Nokia.UMTS.rach
- Cell.Nokia.UMTS.radio_bearer
- Cell.Nokia.UMTS.radio_downgrade_release_due_to_congestion
- Cell.Nokia.UMTS.radio_link
- Cell.Nokia.UMTS.RAN_Accessibility.Service_Level
- Cell.Nokia.UMTS.RAN_Accessibility.Traffic
- Cell.Nokia.UMTS.RAN_Integrity.RCPM
- Cell.Nokia.UMTS.RAN_Mobility.InterSystem_Handover
- Cell.Nokia.UMTS.RAN_Mobility.IntraSystem_HardHandover

- Cell.Nokia.UMTS.RAN_Mobility.Soft_Handover
- Cell.Nokia.UMTS.RAN_Retainability.Service_Level
- Cell.Nokia.UMTS.RAN_Retainability.Traffic
- Cell.Nokia.UMTS.RAN_Usage.Cell_Resource
- Cell.Nokia.UMTS.RAN_Usage.Cell_Usage
- Cell.Nokia.UMTS.RAN_Usage.RCPM
- Cell.Nokia.UMTS.RAN_Usage.Service_Level
- Cell.Nokia.UMTS.RAN_Usage.Traffic
- Cell.Nokia.UMTS.rcpm.dl_pdcp_sdu_pdu_rlc
- Cell.Nokia.UMTS.rcpm.ul_am_rlc
- Cell.Nokia.UMTS.rcpm.ul_pdcp_sdu_pdu_rlc
- Cell.Nokia.UMTS.rlc_retransmission_wcel
- Cell.Nokia.UMTS.rrc.connection_access
- Cell.Nokia.UMTS.rrc.connection_active
- Cell.Nokia.UMTS.rrc.connection_mobility_procedures
- Cell.Nokia.UMTS.rrc.connection_setup
- Cell.Nokia.UMTS.rrc.connections
- Cell.Nokia.UMTS.rrc.establishment_per_ue_capability
- Cell.Nokia.UMTS.rrc.radio_bearer_setup
- Cell.Nokia.UMTS.rrc.setup_causes_call_reestablish
- Cell.Nokia.UMTS.rrc.setup_causes_detach
- Cell.Nokia.UMTS.rrc.setup_causes_emergency
- Cell.Nokia.UMTS.rrc.setup_causes_high_priority_sig
- Cell.Nokia.UMTS.rrc.setup_causes_intr_rat
- Cell.Nokia.UMTS.rrc.setup_causes_intrregistration
- Cell.Nokia.UMTS.rrc.setup_causes_low_priority_sig
- Cell.Nokia.UMTS.rrc.setup_causes_mobile_orig
- Cell.Nokia.UMTS.rrc.setup_causes_mobile_term
- Cell.Nokia.UMTS.rrc.setup_causes_term_unknown
- Cell.Nokia.UMTS.sccpch
- Cell.Nokia.UMTS.signalling_paging_message
- Cell.Nokia.UMTS.signalling_rrc.connection_setup_requests
- Cell.Nokia.UMTS.signalling_rrc.connection_status
- Cell.Nokia.UMTS.signalling_rrc.measurement_report
- Cell.Nokia.UMTS.signalling_rrc.signalling_protocol_states
- Cell.Nokia.UMTS.soft_handover.nrt
- Cell.Nokia.UMTS.soft_handover.rt
- Cell.Nokia.UMTS.soft_handovers_dsr
- Cell.Nokia.UMTS.soft_handover
- Cell.Nokia.UMTS.traffic_dch_requests_cs_data_calls_srnc
- Cell.Nokia.UMTS.traffic.allocations_compressed_mode.srnc

This edition applies to IBM® Tivoli® Netcool® Performance Manager for Wireless and to all subsequent releases and modifications until otherwise indicated in new editions.

- Cell.Nokia.UMTS.traffic.amr_codec_mode
- Cell.Nokia.UMTS.traffic.amr_hspa_allocation
- Cell.Nokia.UMTS.traffic.compressed_mode_hsdpa_users
- Cell.Nokia.UMTS.traffic.dch_allocations_cs_data_calls.srnc
- Cell.Nokia.UMTS.traffic.dch_allocations_cs_voice_calls.drnc
- Cell.Nokia.UMTS.traffic.dch_allocations_cs_voice_calls.srnc
- Cell.Nokia.UMTS.traffic.dch_allocations_data_calls.drnc
- Cell.Nokia.UMTS.traffic.dch_allocations_signalling_links.drnc
- Cell.Nokia.UMTS.traffic.dch_allocations_streaming_class
- Cell.Nokia.UMTS.traffic.dch_duration_cs_voice_calls.drnc
- Cell.Nokia.UMTS.traffic.dch_duration_cs_voice_calls.srnc
- Cell.Nokia.UMTS.traffic.dch_duration_data_calls_dl.drnc
- Cell.Nokia.UMTS.traffic.dch_duration_data_calls_ul.drnc
- Cell.Nokia.UMTS.traffic.dch_request_hsdsch
- Cell.Nokia.UMTS.traffic.dch_requests_cs_voice_calls.drnc
- Cell.Nokia.UMTS.traffic.dch_requests_cs_voice_calls.srnc
- Cell.Nokia.UMTS.traffic.dch_requests_data_calls.drnc
- Cell.Nokia.UMTS.traffic.dch_requests_ps_calls_handover.srnc
- Cell.Nokia.UMTS.traffic.dch_requests_ps_calls.srnc
- Cell.Nokia.UMTS.traffic.dch_requests_signalling_links.drnc
- Cell.Nokia.UMTS.traffic.edch_allocation_release
- Cell.Nokia.UMTS.traffic.edch_allocation
- Cell.Nokia.UMTS.traffic.edsch_setup_failures
- Cell.Nokia.UMTS.traffic.hsdsch_allocation_release
- Cell.Nokia.UMTS.traffic.hsdsch_allocation
- Cell.Nokia.UMTS.traffic.hsdsch_request
- Cell.Nokia.UMTS.traffic.hsdsch_setup_failures
- Cell.Nokia.UMTS.traffic.multirab.background_connections
- Cell.Nokia.UMTS.traffic.multirab.interactive_connections
- Cell.Nokia.UMTS.traffic.multirab.streaming_connections
- Cell.Nokia.UMTS.traffic.nrt_dch_allocations_ps_calls_backg_class.srnc
- Cell.Nokia.UMTS.traffic.nrt_dch_allocations_ps_calls_intera_class.srnc
- Cell.Nokia.UMTS.traffic.nrt_dch_duration_ps_calls_backg_class.srnc
- Cell.Nokia.UMTS.traffic.nrt_dch_duration_ps_calls_intera_class.srnc
- Cell.Nokia.UMTS.traffic.nrt_dch_reconfiguration
- Cell.Nokia.UMTS.traffic.nrt_dch_setup_reject
- Cell.Nokia.UMTS.traffic.requests_and_allocations_for_compressed_mode.drnc
- Cell.Nokia.UMTS.traffic.requests_and_allocations_for_signalling_links.srnc
- Cell.Nokia.UMTS.traffic.requests_compressed_mode.srnc
- Cell.Nokia.UMTS.traffic.rt_dch_allocations_ps_calls_conv_class.srnc
- Cell.Nokia.UMTS.traffic.rt_dch_allocations_ps_calls_stream_class.srnc
- Cell.Nokia.UMTS.traffic.rt_dch_duration_ps_calls_conv_class.srnc
- Cell.Nokia.UMTS.traffic.rt_dch_duration_ps_calls_stream_class.srnc
- Cell.Nokia.UMTS.traffic.wamr
- Cell.Nokia.UMTS.tx_power
- Cell.Nokia.UMTS.ue_quality_measurement

- Cell.Nokia.UMTS.user_throughput_wcel
- Cell.Nokia.UMTS.wbts_fractional_load
- Cell.Nokia.UMTS.wbts_hsdsch_credit
- Cell.Nokia.UMTS.wbts_ue_nonserving_power
- Cell.Nokia.UMTS.wbts_ue_serving_power
- Cell.Nokia.UMTS.wbts_wn.hs_users
- Cell.Nokia.UMTS.wbts_wn.hsupa_power
- Cell.Nokia.UMTS.wbts_wn.hsupa_thput
- Cell.Nokia.UMTS.wbts_wn.mac_e_transmit
- Cell.Nokia.UMTS.wbts_wn3.buffer_delay
- Cell.Nokia.UMTS.wbts_wn3.cqi
- Cell.Nokia.UMTS.wbts_wn3.discarded_mac
- Cell.Nokia.UMTS.wbts_wn3.hsscch_power
- Cell.Nokia.UMTS.wbts_wn3.idle_time
- Cell.Nokia.UMTS.wbts_wn3.mac_d_pdu
- Cell.Nokia.UMTS.wbts_wn3.mac_hs_transmit
- Cell.Nokia.UMTS.wcel_olpc_measurement
- Cell.Nokia.UMTS.wcel_rlc_measurement

6.6.1 Cell.Nokia.UMTS.avail_cell

Cell availability measurements

KPI Name	Expression	Data Type	Units	Description	Aggregation
_%_time_wcell_in_blocked_by_user_state	100 * {Nokia.avail_cell.availability_wcell_blocked_by_user}/ {Nokia.avail_cell.availability_wcell_exists_in_rnw_database}	FLOAT	%	% Time WCEL is in Blocked-by-user state.	Average, avg, nkcttbh, nkrttbh
_%_time_wcell_in_working_state	100 * {Nokia.avail_cell.availability_wcell_in_working_state}/ {Nokia.avail_cell.availability_wcell_exists_in_rnw_database}	FLOAT	%	% Time WCEL in Working State.	Average, avg, nkcttbh, nkrttbh

availability_wcell_blocked_by_user	nok_avail_cell_tab.wliekoxafq2ahdvuj02uauibev	INTEGER	#	The number of samples when WCEL is in Blocked-by-user state. Counter M1000C180 is always updated along with this counter.	Sum, nkcttbh, nkrttbh, tot
availability_wcell_exists_in_rnw_database	nok_avail_cell_tab.wliekp2afq2ahdvuj02uauibev	INTEGER	#	The number of samples when WCEL is configured in the database. This counter is used as a denominator for cell availability calculation.	Sum, nkcttbh, nkrttbh, tot
availability_wcell_in_working_state	nok_avail_cell_tab.wliekotafq2ahdvuj02uauibev	INTEGER	#	The number of samples when WCEL is in Working state. Counter M1000C180 is always updated along with this counter.	Sum, nkcttbh, nkrttbh, tot

6.6.2 Cell.Nokia.UMTS.bts_hw

BTS hardware usage statistics

KPI Name	Expression	Data Type	Units	Description	Aggregation
ave_avail_pool_capa_dl	nok_nkcel_btshw_tab.yweu502ahk26seccb00hw01qk4	FLOAT	kbps	Obsolete since RN4.0: Average DSP processing capacity available for processing downlink physical channels in a pool of cells. (Available bit rate for this pool). Measured in	Average, avg, max, min, nkcttbh, nkrttbh, tot

				units of 10kb/s	
ave_avail_pool_capa_ul	nok_nkcel_btshw_tab.ywfs3ghahk26seccb00hw01qk4	FLOAT	kbps	Obsolete since RN4.0: Average DSP processing capacity available for processing uplink physical channels in a pool of cells. (Available bit rate for this pool). Measured in units of 10kb/s	Average, avg, max, min, nkcttbh, nkrttbh, tot
average_avail_pool_capa_dl	{ave_avail_pool_capa_dl} / {nbr_of_pool_rep_dl}	FLOAT	#	Calculation for average DSP processing capacity for downlink	Average, avg, max, min, nkcttbh, nkrttbh, tot
average_avail_pool_capa_ul	{ave_avail_pool_capa_ul} / {nbr_of_pool_rep_ul}	FLOAT	#	Calculation for average DSP processing capacity for uplink	Average, avg, max, min, nkcttbh, nkrttbh, tot
average_available_percentage_pool_capacity_dl	nok_nkcel_btshw_tab.ywi4dv6ahk26seccb00hw01qk4	FLOAT	%	Obsolete since RN4.0: The average percentage DSP processing capacity available for processing downlink physical channels. The capacity is calculated based on initial capacity credits received in the NBAP:AUDIT RESPONSE	Average, avg, max, min, nkcttbh, nkrttbh, tot

				message, and on updated capacity credits received in the NBAP:RESOURCE STATUS INDICATION message. This counter is updated only for base stations using 3GPP Iub.	
average_available_percentage_pool_capacity_ul	nok_nkcel_btshw_tab.ywimd52ahk26seccb00hw01qk4	FLOAT	%	Obsolete since RN4.0: The average percentage DSP processing capacity available for processing uplink physical channels. The capacity is calculated based on initial capacity credits received in the NBAP:AUDIT RESPONSE message, and on updated capacity credits received in the NBAP:RESOURCE STATUS INDICATION message. This counter is updated only for base stations using 3GPP Iub.	Average, avg, max, min, nkcttbh, nkrttbh, tot
bts_hsupa_hw_limited_duration	nok_nkcel_btshw_tab.uaqacs41im2ahsxr0035xkcuai	INTEGER	#	This counter indicates how long time the BTS local cell group HW pool where this cell belongs, is in HSUPA HW limited state during	Sum, nkcttbh, nkrttbh, tot

				the measurement period. In this state RNC will setup E-DCH but the BTS HW shortage may cause lower than expected throughput. The same counter value is updated for all HSUPA enabled cells in the local cell group.	
bts_hsupa_hw_no_capacity_duration	nok_nkcel_btshw_tab.uaqacs61im2ahsxr0035xkcuai	INTEGER	#	This counter indicates how long time the BTS local cell group HW pool where this cell belongs, is in HSUPA HW limited state during the measurement period. In this state RNC will not setup E-DCH. The same counter value is updated for all HSUPA enabled cells in the local cell group.	Sum, nkcttbh, nkrttbh, tot
bts_hsupa_not_hw_limited_duration	nok_nkcel_btshw_tab.uaqacs21im2ahsxr0035xkcuai	INTEGER	#	This counter indicates how long time the BTS local cell group HW pool where this cell belongs, is in HSUPA HW not-limited state during the measurement period. In this state	Sum, nkcttbh, nkrttbh, tot

				the BTS HW does not limit the HSUPA throughput. The same counter value is updated for all HSUPA enabled cells in the local cell group.	
bts_hw_capacity_dl_denominator	nok_nkcel_btshw_tab.ywj2h06ahk26seccb00hw01qk4	INT8	#	Obsolete since RN4.0: The denominator for downlink DSP processing capacity counter.	Sum, nkcttbh, nkrttbh, tot
bts_hw_capacity_ul_denominator	nok_nkcel_btshw_tab.ywjkxbtahk26seccb00hw01qk4	INT8	#	Obsolete since RN4.0: The denominator for uplink DSP processing capacity counter.	Sum, nkcttbh, nkrttbh, tot
nbr_of_cells	nok_nkcel_btshw_tab.ywgqfh6ahk26seccb00hw01qk4	INTEGER	#	Obsolete since RN4.0: Number of cells belonging to the pool	Average, avg, max, min, nkcttbh, nkrttbh, tot
nbr_of_pool_rep_dl	nok_nkcel_btshw_tab.ywfd62hahk26seccb00hw01qk4	INT8	#	Obsolete since RN4.0: Number of radio resource indication reports containing pool capacity information for DL	Sum, nkcttbh, nkrttbh, tot
nbr_of_pool_rep_ul	nok_nkcel_btshw_tab.ywgbauxahk26seccb00hw01qk4	INT8	#	Obsolete since RN4.0: Number of radio resource indication reports containing pool capacity information for UL	Sum, nkcttbh, nkrttbh, tot

6.6.3 Cell.Nokia.UMTS.ce_capacity

Channel element measurements

KPI Name	Expression	Data Type	Units	Description	Aggregation
average_used_ce_for_amr_allocations	nok_ce_capacity_tab.wliekp6afq2ahdvuj02uauibev	FLOAT	#	Average number of used CE for AMR allocations.	Average, avg, max, min, nkcttbh, nkrttbh, tot
average_used_ce_for_cs_conversational_64_kbps	nok_ce_capacity_tab.wliekpbafq2ahdvuj02uauibev	FLOAT	#	Average number of used CE for Transparent 64 kbps CS Data Calls with Conversational class.	Average, avg, max, min, nkcttbh, nkrttbh, tot
average_used_ce_for_cs_streaming_144_kbps	nok_ce_capacity_tab.wliekpdafq2ahdvuj02uauibev	FLOAT	#	Average number of used CE for Non-Transparent 14.4 kbps CS Data Calls with Streaming class.	Average, avg, max, min, nkcttbh, nkrttbh, tot
average_used_ce_for_cs_streaming_576_kbps	nok_ce_capacity_tab.wliekpfafq2ahdvuj02uauibev	FLOAT	#	Average number of used CE for Non-Transparent 57.6 kbps CS Data Calls with Streaming class.	Average, avg, max, min, nkcttbh, nkrttbh, tot
average_used_ce_for_ps_background_128_kbps_dl	nok_ce_capacity_tab.wliekrrafq2ahdvuj02uauibev	FLOAT	#	Average number of used CE for 128 kbps PS call with Background class in DL.	Average, avg, max, min, nkcttbh, nkrttbh, tot
average_used_ce_for_ps_background_1	nok_ce_capacity_tab.wliekrdafq2ahdvuj02uauibev	FLOAT	#	Average number of used CE for 128	Average, avg, max,

28_kbps_ul				kbps PS call with Background class in UL.	min, nkcttbh, nkrttbh, tot
average_used_ce_for_ps_background_16_kbps_dl	nok_ce_capacity_tab.wliekrlafq2ahdvuj02uauibev	FLOAT	#	Average number of used CE for 16 kbps PS call with Background class in DL.	Average, avg, max, min, nkcttbh, nkrttbh, tot
average_used_ce_for_ps_background_16_kbps_ul	nok_ce_capacity_tab.wliekr4afq2ahdvuj02uauibev	FLOAT	#	Average number of used CE for 16 kbps PS call with Background class in UL.	Average, avg, max, min, nkcttbh, nkrttbh, tot
average_used_ce_for_ps_background_256_kbps_dl	nok_ce_capacity_tab.wliekrtafq2ahdvuj02uauibev	FLOAT	#	Average number of used CE for 256 kbps PS call with Background class in DL.	Average, avg, max, min, nkcttbh, nkrttbh, tot
average_used_ce_for_ps_background_256_kbps_ul	nok_ce_capacity_tab.wliekrfafq2ahdvuj02uauibev	FLOAT	#	Average number of used CE for 256 kbps PS call with Background class in UL.	Average, avg, max, min, nkcttbh, nkrttbh, tot
average_used_ce_for_ps_background_32_kbps_dl	nok_ce_capacity_tab.wliekrnafq2ahdvuj02uauibev	FLOAT	#	Average number of used CE for 32 kbps PS call with Background class in DL.	Average, avg, max, min, nkcttbh, nkrttbh, tot
average_used_ce_for_ps_background_32_kbps_ul	nok_ce_capacity_tab.wliekr6afq2ahdvuj02uauibev	FLOAT	#	Average number of used CE for 32 kbps PS call with Background class in UL.	Average, avg, max, min, nkcttbh, nkrttbh, tot
average_used_ce_fo	nok_ce_capacity_tab.wliek	FLOAT	#	Average number of	Average,

r_ps_background_384_kbps_dl	rvafq2ahdvuj02uauibev			used CE for 384 kbps PS call with Background class in DL.	avg, max, min, nkcttbh, nkrttbh, tot
average_used_ce_for_ps_background_384_kbps_ul	nok_ce_capacity_tab.wliekrhafq2ahdvuj02uauibev	FLOAT	#	Average number of used CE for 384 kbps PS call with Background class in UL.	Average, avg, max, min, nkcttbh, nkrttbh, tot
average_used_ce_for_ps_background_64_kbps_dl	nok_ce_capacity_tab.wliekrpafq2ahdvuj02uauibev	FLOAT	#	Average number of used CE for 64 kbps PS call with Background class in DL.	Average, avg, max, min, nkcttbh, nkrttbh, tot
average_used_ce_for_ps_background_64_kbps_ul	nok_ce_capacity_tab.wliekrbafq2ahdvuj02uauibev	FLOAT	#	Average number of used CE for 64 kbps PS call with Background class in UL.	Average, avg, max, min, nkcttbh, nkrttbh, tot
average_used_ce_for_ps_background_8_kbps_dl	nok_ce_capacity_tab.wliekrjafq2ahdvuj02uauibev	FLOAT	#	Average number of used CE for 8 kbps PS call with Background class in DL.	Average, avg, max, min, nkcttbh, nkrttbh, tot
average_used_ce_for_ps_background_8_kbps_ul	nok_ce_capacity_tab.wliekr2afq2ahdvuj02uauibev	FLOAT	#	Average number of used CE for 8 kbps PS call with Background class in UL.	Average, avg, max, min, nkcttbh, nkrttbh, tot
average_used_ce_for_ps_interactive_12	nok_ce_capacity_tab.wliekqvafq2ahdvuj02uauibev	FLOAT	#	Average number of used CE for 128	Average, avg, max,

8_kbps_dl				kbps PS call with Interactive class in DL.	min, nkcttbh, nkrttbh, tot
average_used_ce_for_ps_interactive_128_kbps_ul	nok_ce_capacity_tab.wliekqhafq2ahdvuj02uauibev	FLOAT	#	Average number of used CE for 128 kbps PS call with Interactive class in UL.	Average, avg, max, min, nkcttbh, nkrttbh, tot
average_used_ce_for_ps_interactive_16_kbps_dl	nok_ce_capacity_tab.wliekqpafq2ahdvuj02uauibev	FLOAT	#	Average number of used CE for 16 kbps PS call with Interactive class in DL.	Average, avg, max, min, nkcttbh, nkrttbh, tot
average_used_ce_for_ps_interactive_16_kbps_ul	nok_ce_capacity_tab.wliekqbafq2ahdvuj02uauibev	FLOAT	#	Average number of used CE for 16 kbps PS call with Interactive class in UL.	Average, avg, max, min, nkcttbh, nkrttbh, tot
average_used_ce_for_ps_interactive_256_kbps_dl	nok_ce_capacity_tab.wliekqxafq2ahdvuj02uauibev	FLOAT	#	Average number of used CE for 256 kbps PS call with Interactive class in DL.	Average, avg, max, min, nkcttbh, nkrttbh, tot
average_used_ce_for_ps_interactive_256_kbps_ul	nok_ce_capacity_tab.wliekqjafq2ahdvuj02uauibev	FLOAT	#	Average number of used CE for 256 kbps PS call with Interactive class in UL.	Average, avg, max, min, nkcttbh, nkrttbh, tot
average_used_ce_for_ps_interactive_32_kbps_dl	nok_ce_capacity_tab.wliekqrafq2ahdvuj02uauibev	FLOAT	#	Average number of used CE for 32 kbps PS call with Interactive class in DL.	Average, avg, max, min, nkcttbh, nkrttbh, tot
average_used_ce_fo	nok_ce_capacity_tab.wliek	FLOAT	#	Average number of	Average,

r_ps_interactive_32_kbps_ul	qdafq2ahdvuj02uauibev			used CE for 32 kbps PS call with Interactive class in UL.	avg, max, min, nkcttbh, nkrttbh, tot
average_used_ce_for_ps_interactive_384_kbps_dl	nok_ce_capacity_tab.wliekr0afq2ahdvuj02uauibev	FLOAT	#	Average number of used CE for 384 kbps PS call with Interactive class in DL.	Average, avg, max, min, nkcttbh, nkrttbh, tot
average_used_ce_for_ps_interactive_384_kbps_ul	nok_ce_capacity_tab.wliekqlafq2ahdvuj02uauibev	FLOAT	#	Average number of used CE for 384 kbps PS call with Interactive class in UL.	Average, avg, max, min, nkcttbh, nkrttbh, tot
average_used_ce_for_ps_interactive_64_kbps_dl	nok_ce_capacity_tab.wliekqtafq2ahdvuj02uauibev	FLOAT	#	Average number of used CE for 64 kbps PS call with Interactive class in DL.	Average, avg, max, min, nkcttbh, nkrttbh, tot
average_used_ce_for_ps_interactive_64_kbps_ul	nok_ce_capacity_tab.wliekqfafq2ahdvuj02uauibev	FLOAT	#	Average number of used CE for 64 kbps PS call with Interactive class in UL.	Average, avg, max, min, nkcttbh, nkrttbh, tot
average_used_ce_for_ps_interactive_8_kbps_dl	nok_ce_capacity_tab.wliekqnafq2ahdvuj02uauibev	FLOAT	#	Average number of used CE for 8 kbps PS call with Interactive class in DL.	Average, avg, max, min, nkcttbh, nkrttbh, tot
average_used_ce_for_ps_interactive_8_	nok_ce_capacity_tab.wliekq6afq2ahdvuj02uauibev	FLOAT	#	Average number of used CE for 8 kbps	Average, avg, max,

kbps_ul				PS call with Interactive class in UL.	min, nkcttbh, nkrttbh, tot
average_used_ce_for_ps_streaming_128_kbps_dl	nok_ce_capacity_tab.wliekq0afq2ahdvuj02uauibev	FLOAT	#	Average number of used CE for 128 kbps PS call with Streaming class in DL.	Average, avg, max, min, nkcttbh, nkrttbh, tot
average_used_ce_for_ps_streaming_128_kbps_ul	nok_ce_capacity_tab.wliekppafq2ahdvuj02uauibev	FLOAT	#	Average number of used CE for 128 kbps PS call with Streaming class in UL.	Average, avg, max, min, nkcttbh, nkrttbh, tot
average_used_ce_for_ps_streaming_16_kbps_dl	nok_ce_capacity_tab.wliekptafq2ahdvuj02uauibev	FLOAT	#	Average number of used CE for 16 kbps PS call with Streaming class in DL.	Average, avg, max, min, nkcttbh, nkrttbh, tot
average_used_ce_for_ps_streaming_16_kbps_ul	nok_ce_capacity_tab.wliekpjafq2ahdvuj02uauibev	FLOAT	#	Average number of used CE for 16 kbps PS call with Streaming class in UL.	Average, avg, max, min, nkcttbh, nkrttbh, tot
average_used_ce_for_ps_streaming_256_kbps_dl	nok_ce_capacity_tab.wliekq2afq2ahdvuj02uauibev	FLOAT	#	Average number of used CE for 256 kbps PS call with Streaming class in DL.	Average, avg, max, min, nkcttbh, nkrttbh, tot
average_used_ce_for_ps_streaming_32_kbps_dl	nok_ce_capacity_tab.wliekpvafq2ahdvuj02uauibev	FLOAT	#	Average number of used CE for 32 kbps PS call with Streaming class in DL.	Average, avg, max, min, nkcttbh, nkrttbh, tot
average_used_ce_fo	nok_ce_capacity_tab.wliek	FLOAT	#	Average number of	Average,

r_ps_streaming_32_kbps_ul	plafq2ahdvuj02uauibev			used CE for 32 kbps PS call with Streaming class in UL.	avg, max, min, nkcttbh, nkrttbh, tot
average_used_ce_for_ps_streaming_384_kbps_dl	nok_ce_capacity_tab.wliekq4afq2ahdvuj02uauibev	FLOAT	#	Average number of used CE for 384 kbps PS call with Streaming class in DL.	Average, avg, max, min, nkcttbh, nkrttbh, tot
average_used_ce_for_ps_streaming_64_kbps_dl	nok_ce_capacity_tab.wliekpxafq2ahdvuj02uauibev	FLOAT	#	Average number of used CE for 64 kbps PS call with Streaming class in DL.	Average, avg, max, min, nkcttbh, nkrttbh, tot
average_used_ce_for_ps_streaming_64_kbps_ul	nok_ce_capacity_tab.wliekpnafq2ahdvuj02uauibev	FLOAT	#	Average number of used CE for 64 kbps PS call with Streaming class in UL.	Average, avg, max, min, nkcttbh, nkrttbh, tot
average_used_ce_for_ps_streaming_8_kbps_dl	nok_ce_capacity_tab.wliekprafq2ahdvuj02uauibev	FLOAT	#	Average number of used CE for 8 kbps PS call with Streaming class in DL.	Average, avg, max, min, nkcttbh, nkrttbh, tot
average_used_ce_for_ps_streaming_8_kbps_ul	nok_ce_capacity_tab.wliekphafq2ahdvuj02uauibev	FLOAT	#	Average number of used CE for 8 kbps PS call with Streaming class in UL.	Average, avg, max, min, nkcttbh, nkrttbh, tot
Avg_used_ce_amr_allocations	{average_used_ce_for_amr_allocations} /	FLOAT	#	Average number of used CE for AMR	Average, avg, max,

	{number_of_samples_for_ce_calculation}			allocations.	min, nkcttbh, nkrttbh, tot
Avg_used_ce_cs_conversational_64_kbps	{average_used_ce_for_cs_conversational_64_kbps} / {number_of_samples_for_ce_calculation}	FLOAT	#	Average number of used CE for Transparent 64 kbps CS Data Calls with Conversational class.	Average, avg, max, min, nkcttbh, nkrttbh, tot
Avg_used_ce_cs_streaming_144_kbps	{average_used_ce_for_cs_streaming_144_kbps} / {number_of_samples_for_ce_calculation}	FLOAT	#	Average number of used CE for Non-Transparent 14.4 kbps CS Data Calls with Streaming class.	Average, avg, max, min, nkcttbh, nkrttbh, tot
Avg_used_ce_cs_streaming_576_kbps	{average_used_ce_for_cs_streaming_576_kbps} / {number_of_samples_for_ce_calculation}	FLOAT	#	Average number of used CE for Non-Transparent 57.6 kbps CS Data Calls with Streaming class.	Average, avg, max, min, nkcttbh, nkrttbh, tot
Avg_used_ce_ps_background_128_kbps_dl	{average_used_ce_for_ps_background_128_kbps_dl} / {number_of_samples_for_ce_calculation}	FLOAT	#	Average number of used CE for 128 kbps PS call with Background class in DL.	Average, avg, max, min, nkcttbh, nkrttbh, tot
Avg_used_ce_ps_background_128_kbps_ul	{average_used_ce_for_ps_background_128_kbps_ul} / {number_of_samples_for_ce_calculation}	FLOAT	#	Average number of used CE for 128 kbps PS call with Background class in UL.	Average, avg, max, min, nkcttbh, nkrttbh, tot
Avg_used_ce_ps_background_16_kbps_dl	{average_used_ce_for_ps_background_16_kbps_dl} / {number_of_samples_for_ce_calculation}	FLOAT	#	Average number of used CE for 16 kbps PS call with Background class in DL.	Average, avg, max, min, nkcttbh, nkrttbh, tot
Avg_used_ce_ps_b	{average_used_ce_for_ps_	FLOAT	#	Average number of	Average,

ackground_16_kbps_ul	background_16_kbps_ul} / {number_of_samples_for_ce_calculation}			used CE for 16 kbps PS call with Background class in UL.	avg, max, min, nkcttbh, nkrttbh, tot
Avg_used_ce_ps_background_256_kbps_dl	{average_used_ce_for_ps_background_256_kbps_dl} / {number_of_samples_for_ce_calculation}	FLOAT	#	Average number of used CE for 256 kbps PS call with Background class in DL.	Average, avg, max, min, nkcttbh, nkrttbh, tot
Avg_used_ce_ps_background_256_kbps_ul	{average_used_ce_for_ps_background_256_kbps_ul} / {number_of_samples_for_ce_calculation}	FLOAT	#	Average number of used CE for 256 kbps PS call with Background class in UL.	Average, avg, max, min, nkcttbh, nkrttbh, tot
Avg_used_ce_ps_background_32_kbps_dl	{average_used_ce_for_ps_background_32_kbps_dl} / {number_of_samples_for_ce_calculation}	FLOAT	#	Average number of used CE for 32 kbps PS call with Background class in DL.	Average, avg, max, min, nkcttbh, nkrttbh, tot
Avg_used_ce_ps_background_32_kbps_ul	{average_used_ce_for_ps_background_32_kbps_ul} / {number_of_samples_for_ce_calculation}	FLOAT	#	Average number of used CE for 32 kbps PS call with Background class in UL.	Average, avg, max, min, nkcttbh, nkrttbh, tot
Avg_used_ce_ps_background_384_kbps_dl	{average_used_ce_for_ps_background_384_kbps_dl} / {number_of_samples_for_ce_calculation}	FLOAT	#	Average number of used CE for 384 kbps PS call with Background class in DL.	Average, avg, max, min, nkcttbh, nkrttbh, tot
Avg_used_ce_ps_background_384_kb	{average_used_ce_for_ps_background_384_kbps_ul}	FLOAT	#	Average number of used CE for 384	Average, avg, max,

ps_ul	/ {number_of_samples_for_ce_calculation}			kbps PS call with Background class in UL.	min, nkcttbh, nkrttbh, tot
Avg_used_ce_ps_background_64_kbps_dl	{average_used_ce_for_ps_background_64_kbps_dl} / {number_of_samples_for_ce_calculation}	FLOAT	#	Average number of used CE for 64 kbps PS call with Background class in DL.	Average, avg, max, min, nkcttbh, nkrttbh, tot
Avg_used_ce_ps_background_64_kbps_ul	{average_used_ce_for_ps_background_64_kbps_ul} / {number_of_samples_for_ce_calculation}	FLOAT	#	Average number of used CE for 64 kbps PS call with Background class in UL.	Average, avg, max, min, nkcttbh, nkrttbh, tot
Avg_used_ce_ps_background_8_kbps_dl	{average_used_ce_for_ps_background_8_kbps_dl} / {number_of_samples_for_ce_calculation}	FLOAT	#	Average number of used CE for 8 kbps PS call with Background class in DL.	Average, avg, max, min, nkcttbh, nkrttbh, tot
Avg_used_ce_ps_background_8_kbps_ul	{average_used_ce_for_ps_background_8_kbps_ul} / {number_of_samples_for_ce_calculation}	FLOAT	#	Average number of used CE for 8 kbps PS call with Background class in UL.	Average, avg, max, min, nkcttbh, nkrttbh, tot
Avg_used_ce_ps_interactive_128_kbps_dl	{average_used_ce_for_ps_interactive_128_kbps_dl} / {number_of_samples_for_ce_calculation}	FLOAT	#	Average number of used CE for 128 kbps PS call with Interactive class in DL.	Average, avg, max, min, nkcttbh, nkrttbh, tot
Avg_used_ce_ps_interactive_128_kbps_ul	{average_used_ce_for_ps_interactive_128_kbps_ul} / {number_of_samples_for_ce_calculation}	FLOAT	#	Average number of used CE for 128 kbps PS call with Interactive class in UL.	Average, avg, max, min, nkcttbh, nkrttbh, tot
Avg_used_ce_ps_in	{average_used_ce_for_ps_	FLOAT	#	Average number of	Average,

teractive_16_kbps_dl	interactive_16_kbps_dl} / {number_of_samples_for_ce_calculation}			used CE for 16 kbps PS call with Interactive class in DL.	avg, max, min, nkcttbh, nkrttbh, tot
Avg_used_ce_ps_interactive_16_kbps_ul	{average_used_ce_for_ps_interactive_16_kbps_ul} / {number_of_samples_for_ce_calculation}	FLOAT	#	Average number of used CE for 16 kbps PS call with Interactive class in UL.	Average, avg, max, min, nkcttbh, nkrttbh, tot
Avg_used_ce_ps_interactive_256_kbps_dl	{average_used_ce_for_ps_interactive_256_kbps_dl} / {number_of_samples_for_ce_calculation}	FLOAT	#	Average number of used CE for 256 kbps PS call with Interactive class in DL.	Average, avg, max, min, nkcttbh, nkrttbh, tot
Avg_used_ce_ps_interactive_256_kbps_ul	{average_used_ce_for_ps_interactive_256_kbps_ul} / {number_of_samples_for_ce_calculation}	FLOAT	#	Average number of used CE for 256 kbps PS call with Interactive class in UL.	Average, avg, max, min, nkcttbh, nkrttbh, tot
Avg_used_ce_ps_interactive_32_kbps_dl	{average_used_ce_for_ps_interactive_32_kbps_dl} / {number_of_samples_for_ce_calculation}	FLOAT	#	Average number of used CE for 32 kbps PS call with Interactive class in DL.	Average, avg, max, min, nkcttbh, nkrttbh, tot
Avg_used_ce_ps_interactive_32_kbps_ul	{average_used_ce_for_ps_interactive_32_kbps_ul} / {number_of_samples_for_ce_calculation}	FLOAT	#	Average number of used CE for 32 kbps PS call with Interactive class in UL.	Average, avg, max, min, nkcttbh, nkrttbh, tot
Avg_used_ce_ps_interactive_384_kbps	{average_used_ce_for_ps_interactive_384_kbps_dl} /	FLOAT	#	Average number of used CE for 384	Average, avg, max,

_dl	{number_of_samples_for_ce_calculation}			kbps PS call with Interactive class in DL.	min, nkcttbh, nkrttbh, tot
Avg_used_ce_ps_interactive_384_kbps_ul	{average_used_ce_for_ps_interactive_384_kbps_ul} / {number_of_samples_for_ce_calculation}	FLOAT	#	Average number of used CE for 384 kbps PS call with Interactive class in UL.	Average, avg, max, min, nkcttbh, nkrttbh, tot
Avg_used_ce_ps_interactive_64_kbps_dl	{average_used_ce_for_ps_interactive_64_kbps_dl} / {number_of_samples_for_ce_calculation}	FLOAT	#	Average number of used CE for 64 kbps PS call with Interactive class in DL.	Average, avg, max, min, nkcttbh, nkrttbh, tot
Avg_used_ce_ps_interactive_64_kbps_ul	{average_used_ce_for_ps_interactive_64_kbps_ul} / {number_of_samples_for_ce_calculation}	FLOAT	#	Average number of used CE for 64 kbps PS call with Interactive class in UL.	Average, avg, max, min, nkcttbh, nkrttbh, tot
Avg_used_ce_ps_interactive_8_kbps_dl	{average_used_ce_for_ps_interactive_8_kbps_dl} / {number_of_samples_for_ce_calculation}	FLOAT	#	Average number of used CE for 8 kbps PS call with Interactive class in DL.	Average, avg, max, min, nkcttbh, nkrttbh, tot
Avg_used_ce_ps_interactive_8_kbps_ul	{average_used_ce_for_ps_interactive_8_kbps_ul} / {number_of_samples_for_ce_calculation}	FLOAT	#	Average number of used CE for 8 kbps PS call with Interactive class in UL.	Average, avg, max, min, nkcttbh, nkrttbh, tot
Avg_used_ce_ps_streaming_128_kbps_dl	{average_used_ce_for_ps_streaming_128_kbps_dl} / {number_of_samples_for_ce_calculation}	FLOAT	#	Average number of used CE for 128 kbps PS call with Streaming class in DL.	Average, avg, max, min, nkcttbh, nkrttbh, tot
Avg_used_ce_ps_st	{average_used_ce_for_ps_	FLOAT	#	Average number of	Average,

reaming_128_kbps_ul	streaming_128_kbps_ul} / {number_of_samples_for_ce_calculation}			used CE for 128 kbps PS call with Streaming class in UL.	avg, max, min, nkcttbh, nkrttbh, tot
Avg_used_ce_ps_streaming_16_kbps_dl	{average_used_ce_for_ps_streaming_16_kbps_dl} / {number_of_samples_for_ce_calculation}	FLOAT	#	Average number of used CE for 16 kbps PS call with Streaming class in DL.	Average, avg, max, min, nkcttbh, nkrttbh, tot
Avg_used_ce_ps_streaming_16_kbps_ul	{average_used_ce_for_ps_streaming_16_kbps_ul} / {number_of_samples_for_ce_calculation}	FLOAT	#	Average number of used CE for 16 kbps PS call with Streaming class in UL.	Average, avg, max, min, nkcttbh, nkrttbh, tot
Avg_used_ce_ps_streaming_256_kbps_dl	{average_used_ce_for_ps_streaming_256_kbps_dl} / {number_of_samples_for_ce_calculation}	FLOAT	#	Average number of used CE for 256 kbps PS call with Streaming class in DL.	Average, avg, max, min, nkcttbh, nkrttbh, tot
Avg_used_ce_ps_streaming_32_kbps_dl	{average_used_ce_for_ps_streaming_32_kbps_dl} / {number_of_samples_for_ce_calculation}	FLOAT	#	Average number of used CE for 32 kbps PS call with Streaming class in DL.	Average, avg, max, min, nkcttbh, nkrttbh, tot
Avg_used_ce_ps_streaming_32_kbps_ul	{average_used_ce_for_ps_streaming_32_kbps_ul} / {number_of_samples_for_ce_calculation}	FLOAT	#	Average number of used CE for 32 kbps PS call with Streaming class in UL.	Average, avg, max, min, nkcttbh, nkrttbh, tot
Avg_used_ce_ps_streaming_384_kbps_	{average_used_ce_for_ps_streaming_384_kbps_dl} /	FLOAT	#	Average number of used CE for 384	Average, avg, max,

dl	{number_of_samples_for_ce_calculation}			kbps PS call with Streaming class in DL.	min, nkcttbh, nkrttbh, tot
Avg_used_ce_ps_streaming_64_kbps_dl	{average_used_ce_for_ps_streaming_64_kbps_dl} / {number_of_samples_for_ce_calculation}	FLOAT	#	Average number of used CE for 64 kbps PS call with Streaming class in DL.	Average, avg, max, min, nkcttbh, nkrttbh, tot
Avg_used_ce_ps_streaming_64_kbps_ul	{average_used_ce_for_ps_streaming_64_kbps_ul} / {number_of_samples_for_ce_calculation}	FLOAT	#	Average number of used CE for 64 kbps PS call with Streaming class in UL.	Average, avg, max, min, nkcttbh, nkrttbh, tot
Avg_used_ce_ps_streaming_8_kbps_dl	{average_used_ce_for_ps_streaming_8_kbps_dl} / {number_of_samples_for_ce_calculation}	FLOAT	#	Average number of used CE for 8 kbps PS call with Streaming class in DL.	Average, avg, max, min, nkcttbh, nkrttbh, tot
Avg_used_ce_ps_streaming_8_kbps_ul	{average_used_ce_for_ps_streaming_8_kbps_ul} / {number_of_samples_for_ce_calculation}	FLOAT	#	Average number of used CE for 8 kbps PS call with Streaming class in UL.	Average, avg, max, min, nkcttbh, nkrttbh, tot
number_of_samples_for_ce_calculation	nok_ce_capacity_tab.wliekp4afq2ahdvuj02uauibev	INTEGER	#	The number of channel element capacity samples (common denominator for counters M1000C182-M1000C225).	Sum, avg, max, min, nkcttbh, nkrttbh, tot

6.6.4 Cell.Nokia.UMTS.cell_busy_hour_kpi

Cell total traffic busy hour

KPI Name	Expression	Data	Units	Description	Aggregati

		Type			on
total_traffic	nok_nkcel_celbh_tab.ywk0sv6ahk26seccb00hw01qk4	INT8	#	Value for the busy hour	Sum, nkcttbh, nkrttbh, tot

6.6.5 Cell.Nokia.UMTS.cell_data_transfer

MAC-d PDU data transfer statistics for the type of connection.

KPI Name	Expression	Data Type	Units	Description	Aggregation
amr_dl_data	nok_nkcel_celdatatx_tab.xjvhdt2dmm2aicsd002uaxybdk	INT8	#	The amount of MAC-d PDU AMR data in SRNC in the downlink direction measured during the measurement interval.	Sum, nkcttbh, nkrttbh, tot
amr_ul_data	nok_nkcel_celdatatx_tab.xjvhdt0dmm2aicsd002uaxybdk	INT8	#	The amount of MAC-d PDU AMR data transferred in SRNC in the uplink direction measured during the measurement interval.	Sum, nkcttbh, nkrttbh, tot
bgr_dl_data	nok_nkcel_celdatatx_tab.xjvhdtpdmm2aicsd002uaxybdk	INT8	#	The amount of MAC-d PDU background data in SRNC in downlink direction measured during the measurement interval.	Sum, nkcttbh, nkrttbh, tot
bgr_ul_data	nok_nkcel_celdatatx_tab.xjvhdtndmm2aicsd002uaxyb	INT8	#	The amount of MAC-d PDU	Sum, nkcttbh,

	dk			Background data in SRNC in uplink direction measured during the measurement interval.	nkrttbh, tot
cs_conv_dl_data	nok_nkcel_celdatatx_tab.xjvhdt6dmm2aicsd002uaxybdk	INT8	#	The amount of MAC-d PDU CS conversational data in SRNC in the downlink direction measured during the measurement interval.	Sum, nkcttbh, nkrttbh, tot
cs_conv_ul_data	nok_nkcel_celdatatx_tab.xjvhdt4dmm2aicsd002uaxybdk	INT8	#	The amount of MAC-d PDU CS conversational data in SRNC in the uplink direction measured during the measurement interval.	Sum, nkcttbh, nkrttbh, tot
cs_strea_dl_data	nok_nkcel_celdatatx_tab.xjvhdtddmm2aicsd002uaxybdk	INT8	#	The amount of MAC-d PDU CS streaming data in SRNC in the uplink direction measured during the measurement interval.	Sum, nkcttbh, nkrttbh, tot
cs_strea_ul_data	nok_nkcel_celdatatx_tab.xjvhdtbdmm2aicsd002uaxybdk	INT8	#	The amount of MAC-d PDU CS streaming data in SRNC in the uplink direction measured during the measurement interval.	Sum, nkcttbh, nkrttbh, tot
intera_dl_data	nok_nkcel_celdatatx_tab.xjvhdtldmm2aicsd002uaxybdk	INT8	#	The amount of MAC-d PDU Interactive data in SRNC in downlink direction measured	Sum, nkcttbh, nkrttbh, tot

				during the measurement interval.	
intera_ul_data	nok_nkcel_celdatatx_tab.xjvhdtjdmm2aicsd002uaxybdk	INT8	#	The amount of MAC-d PDU Interactive data in SRNC in uplink direction measured during the measurement interval.	Sum, nkcttbh, nkrttbh, tot
ps_strea_dl_data	nok_nkcel_celdatatx_tab.xjvhdthdmm2aicsd002uaxybdk	INT8	#	The amount of MAC-d PDU PS streaming data in SRNC in the downlink direction measured during the measurement interval.	Sum, nkcttbh, nkrttbh, tot
ps_strea_ul_data	nok_nkcel_celdatatx_tab.xjvhdtfdmm2aicsd002uaxybdk	INT8	#	The amount of MAC-d PDU PS streaming data in SRNC in the uplink direction measured during the measurement interval.	Sum, nkcttbh, nkrttbh, tot
rt_dch_hsdpa_ul_strea_data	nok_nkcel_celdatatx_tab.xjvhdttdmm2aicsd002uaxybdk	INT8	#	The amount of MAC-d PDU Streaming data for HSDPA UL return channel DCH.	Sum, nkcttbh, nkrttbh, tot
rt_e_dch_ul_strea_data	nok_nkcel_celdatatx_tab.xjvhdtrdmm2aicsd002uaxybdk	INT8	#	The amount of MAC-d PDU Streaming call data for RT E-DCH UL.	Sum, nkcttbh, nkrttbh, tot
rt_hs_dsch_dl_strea	nok_nkcel_celdatatx_tab.xj	INT8	#	The amount of	Sum,

_data	vhdtvdmm2aicsd002uaxybdk			MAC-d PDU Streaming data for RT HS-DSCH DL.	nkcttbh, nkrttbh, tot
transferred_data_for_cs_call_dch_dl	nok_nkcel_celdatatx_tab.ugpuh501im2ahsxr0035xkcuai	INT8	#	The amount of MAC-d PDU data transferred in the CS Call DCH in the downlink direction during the measurement interval.	Sum, nkcttbh, nkrttbh, tot
transferred_data_for_cs_call_dch_ul	nok_nkcel_celdatatx_tab.ugpuh4x1im2ahsxr0035xkcuai	INT8	#	The amount of MAC-d PDU data transferred in the CS Call DCH in the uplink direction during the measurement interval. This counter includes AMR, CS Streaming, and CS Conversational calls.	Sum, nkcttbh, nkrttbh, tot
transferred_data_for_hsdsch	nok_nkcel_celdatatx_tab.ugpuh5d1im2ahsxr0035xkcuai	INT8	#	The amount of MAC-d PDU data transferred with the HS-DSCH in the downlink direction during the measurement interval.	Sum, nkcttbh, nkrttbh, tot
transferred_data_for_nrt_dch_dl	nok_nkcel_celdatatx_tab.ugpuh5b1im2ahsxr0035xkcuai	INT8	#	The amount of data transferred in the NRT DCH in the downlink direction during the measurement interval.	Sum, nkcttbh, nkrttbh, tot
transferred_data_for_nrt_dch_for_hsdpa_return_channel_ul	nok_nkcel_celdatatx_tab.ugpuh5f1im2ahsxr0035xkcuai	INT8	#	The amount of MAC-d PDU data transferred in the NRT DCH in the	Sum, nkcttbh, nkrttbh, tot

				uplink direction during the measurement interval, including only the HS-DSCH return channels.	
transferred_data_for_nrt_dch_ul	nok_nkcel_celdatatx_tab.ugpuh561im2ahsxr0035xkcuai	INT8	#	The amount of data transferred in the NRT DCH in the uplink direction during the measurement interval, excluding HS-DSCH return channels.	Sum, nkcttbh, nkrttbh, tot
transferred_data_for_nrt_edch	nok_nkcel_celdatatx_tab.ugpuh5h1im2ahsxr0035xkcuai	INT8	#	The amount of MAC-es PDU data transferred in the E-DCH in the uplink direction during the measurement interval. The MACes PDU includes MAC-d PDU data and the 6 bits MAC-es header.	Sum, nkcttbh, nkrttbh, tot
transferred_data_for_ps_rt_dch_dl	nok_nkcel_celdatatx_tab.ugpuh541im2ahsxr0035xkcuai	INT8	#	The amount of MAC-d PDU data transferred in the RT PS DCH in the downlink direction during the measurement interval.	Sum, nkcttbh, nkrttbh, tot
transferred_data_for_ps_rt_dch_ul	nok_nkcel_celdatatx_tab.ugpuh521im2ahsxr0035xkcuai	INT8	#	The amount of MAC-d PDU data transferred in the	Sum, nkcttbh, nkrttbh,

				RT PS DCH in the uplink direction during the measurement interval.	tot
transferred_data_for_signalling_rb_dch_dl	nok_nkcel_celdatatx_tab.ugpuh4v1im2ahsxr0035xkcuai	INT8	#	The amount of MAC-d PDU data transferred in the signalling radio bearer in the downlink direction during the measurement interval.	Sum, nkcttbh, nkrttbh, tot
transferred_data_for_signalling_rb_dch_ul	nok_nkcel_celdatatx_tab.ugpuh4t1im2ahsxr0035xkcuai	INT8	#	The amount of MAC-d PDU data transferred in the signalling radio bearer in the uplink direction during the measurement interval.	Sum, nkcttbh, nkrttbh, tot

6.6.6 Cell.Nokia.UMTS.cell_thruput

Cell throughput statistics

KPI Name	Expression	Data Type	Units	Description	Aggregation
cch_data_cell_dl	nok_nkcel_cthruput_tab.xw0rq6hdmm2aicsd002uaxybdk	INT8	kByte	Amount of data transferred in PCH and FACH in the downlink direction during the measurement interval.	Sum, nkcttbh, nkrttbh, tot
cch_data_cell_ul	nok_nkcel_cthruput_tab.xw0rq6fdmm2aicsd002uaxybdk	INT8	kByte	Amount of data transferred in RACH in the uplink direction during the measurement interval.	Sum, nkcttbh, nkrttbh, tot

edch_data_nsc_ns_edch_ul	nok_nkcel_cthruput_tab.xw0rq6ndmm2aicsd002uaxybdk	INT8	kByte	Amount of MAC-es PDU data transferred in the E-DCH non-serving cell in the non-serving radiolink set in the uplink direction during the measurement interval.	Sum, nkcttbh, nkrttbh, tot
edch_data_nsc_s_edch_ul	nok_nkcel_cthruput_tab.xw0rq6ldmm2aicsd002uaxybdk	INT8	kByte	Amount of MAC-es PDU data transferred in the E-DCH non-serving cell in the serving radiolink set in the uplink direction during the measurement interval.	Sum, nkcttbh, nkrttbh, tot
edch_data_scell_ul	nok_nkcel_cthruput_tab.xw0rq6jdmm2aicsd002uaxybdk	INT8	kByte	Amount of MAC-es PDU data transferred in the E-DCH serving cell in the uplink direction during the measurement interval.	Sum, nkcttbh, nkrttbh, tot
hs_data_ack_spi_0	nok_nkcel_cthruput_tab.xw0rq6pdmm2aicsd002uaxybdk	INT8	kByte	Total data amount sent on MAC-hs PDUs positively acknowledged for SPI class 0.	Sum, nkcttbh, nkrttbh, tot
hs_data_ack_spi_10	nok_nkcel_cthruput_tab.y34uvdhdmm2aicsd002uaxybdk	INT8	kByte	Total data amount sent on MAC-hs PDUs positively acknowledged for SPI class 10.	Sum, nkcttbh, nkrttbh, tot

This edition applies to IBM® Tivoli® Netcool® Performance Manager for Wireless and to all subsequent releases and modifications until otherwise indicated in new editions.

hs_data_ack_spi_11	nok_nkcel_cthruput_tab.y34uvdjdmm2aicsd002uaxybdk	INT8	kByte	Total data amount sent on MAC-hs PDUs positively acknowledged for SPI class 11.	Sum, nkcttbh, nkrttbh, tot
hs_data_ack_spi_12	nok_nkcel_cthruput_tab.y34uvdldmm2aicsd002uaxybdk	INT8	kByte	Total data amount sent on MAC-hs PDUs positively acknowledged for SPI class 12.	Sum, nkcttbh, nkrttbh, tot
hs_data_ack_spi_13	nok_nkcel_cthruput_tab.y34uvdndmm2aicsd002uaxybdk	INT8	kByte	Total data amount sent on MAC-hs PDUs positively acknowledged for SPI class 13.	Sum, nkcttbh, nkrttbh, tot
hs_data_ack_spi_14	nok_nkcel_cthruput_tab.y34uvdpdmm2aicsd002uaxybdk	INT8	kByte	Total data amount sent on MAC-hs PDUs positively acknowledged for SPI class 14.	Sum, nkcttbh, nkrttbh, tot
hs_data_ack_spi_15	nok_nkcel_cthruput_tab.y34uvdrdmm2aicsd002uaxybdk	INT8	kByte	Total data amount sent on MAC-hs PDUs positively acknowledged for SPI class 15.	Sum, nkcttbh, nkrttbh, tot
hs_data_ack_spi_1	nok_nkcel_cthruput_tab.xw0rq6rdmm2aicsd002uaxybdk	INT8	kByte	Total data amount sent on MAC-hs PDUs positively acknowledged for SPI class 1.	Sum, nkcttbh, nkrttbh, tot
hs_data_ack_spi_2	nok_nkcel_cthruput_tab.xw0rq6tdmm2aicsd002uaxybdk	INT8	kByte	Total data amount sent on MAC-hs PDUs positively acknowledged for SPI class 2.	Sum, nkcttbh, nkrttbh, tot
hs_data_ack_spi_3	nok_nkcel_cthruput_tab.xw0rq6vdmm2aicsd002uaxybdk	INT8	kByte	Total data amount sent on MAC-hs PDUs positively acknowledged for SPI class 3.	Sum, nkcttbh, nkrttbh, tot
hs_data_ack_spi_4	nok_nkcel_cthruput_tab.xw	INT8	kByte	Total data amount	Sum,

	0rq6xdmm2aicsd002uaxybdk			sent on MAC-hs PDUs positively acknowledged for SPI class 4.	nkcttbh, nkrttbh, tot
hs_data_ack_spi_5	nok_nkcel_cthruput_tab.y34uvd4dmm2aicsd002uaxybdk	INT8	kByte	Total data amount sent on MAC-hs PDUs positively acknowledged for SPI class 5.	Sum, nkcttbh, nkrttbh, tot
hs_data_ack_spi_6	nok_nkcel_cthruput_tab.y34uvd6dmm2aicsd002uaxybdk	INT8	kByte	Total data amount sent on MAC-hs PDUs positively acknowledged for SPI class 6.	Sum, nkcttbh, nkrttbh, tot
hs_data_ack_spi_7	nok_nkcel_cthruput_tab.y34uvdbdmm2aicsd002uaxybdk	INT8	kByte	Total data amount sent on MAC-hs PDUs positively acknowledged for SPI class 7.	Sum, nkcttbh, nkrttbh, tot
hs_data_ack_spi_8	nok_nkcel_cthruput_tab.y34uvdddmm2aicsd002uaxybdk	INT8	kByte	Total data amount sent on MAC-hs PDUs positively acknowledged for SPI class 8.	Sum, nkcttbh, nkrttbh, tot
hs_data_ack_spi_9	nok_nkcel_cthruput_tab.y34uvdfdmm2aicsd002uaxybdk	INT8	kByte	Total data amount sent on MAC-hs PDUs positively acknowledged for SPI class 9.	Sum, nkcttbh, nkrttbh, tot
hs_total_data	nok_nkcel_cthruput_tab.y34uvdtdmm2aicsd002uaxybdk	INT8	kByte	Total data amount sent on MAC-hs PDUs including both new and retransmissions.	Sum, nkcttbh, nkrttbh, tot
hsupa_data_spi_0	nok_nkcel_cthruput_tab.y34uvdvdmm2aicsd002uaxyb	INT8	kByte	Total data volume successfully	Sum, nkcttbh,

This edition applies to IBM® Tivoli® Netcool® Performance Manager for Wireless and to all subsequent releases and modifications until otherwise indicated in new editions.

	dk			received in MAC-e PDUs in bytes for SPI class 0.	nkrttbh, tot
hsupa_data_spi_10	nok_nkcel_cthruput_tab.y34uvejdmm2aicsd002uaxybdk	INT8	kByte	Total data volume successfully received in MAC-e PDUs in bytes for SPI class 10.	Sum, nkcttbh, nkrttbh, tot
hsupa_data_spi_11	nok_nkcel_cthruput_tab.y34uveldmm2aicsd002uaxybdk	INT8	kByte	Total data volume successfully received in MAC-e PDUs in bytes for SPI class 11.	Sum, nkcttbh, nkrttbh, tot
hsupa_data_spi_12	nok_nkcel_cthruput_tab.y34uvendmm2aicsd002uaxybdk	INT8	kByte	Total data volume successfully received in MAC-e PDUs in bytes for SPI class 12.	Sum, nkcttbh, nkrttbh, tot
hsupa_data_spi_13	nok_nkcel_cthruput_tab.y34uvepdmm2aicsd002uaxybdk	INT8	kByte	Total data volume successfully received in MAC-e PDUs in bytes for SPI class 13.	Sum, nkcttbh, nkrttbh, tot
hsupa_data_spi_14	nok_nkcel_cthruput_tab.y34uverdmm2aicsd002uaxybdk	INT8	kByte	Total data volume successfully received in MAC-e PDUs in bytes for SPI class 14.	Sum, nkcttbh, nkrttbh, tot
hsupa_data_spi_15	nok_nkcel_cthruput_tab.y34uvetdmm2aicsd002uaxybdk	INT8	kByte	Total data volume successfully received in MAC-e PDUs in bytes for SPI class 15.	Sum, nkcttbh, nkrttbh, tot
hsupa_data_spi_1	nok_nkcel_cthruput_tab.y34uvdxdmm2aicsd002uaxybdk	INT8	kByte	Total data volume successfully received in MAC-e PDUs in bytes for SPI class 1.	Sum, nkcttbh, nkrttbh, tot
hsupa_data_spi_2	nok_nkcel_cthruput_tab.y34uve0dmm2aicsd002uaxybdk	INT8	kByte	Total data volume successfully received in MAC-e	Sum, nkcttbh, nkrttbh,

				PDUs in bytes for SPI class 2.	tot
hsupa_data_spi_3	nok_nkcel_cthruput_tab.y34uve2dmm2aicsd002uaxybdk	INT8	kByte	Total data volume successfully received in MAC-e PDUs in bytes for SPI class 3.	Sum, nkcttbh, nkrttbh, tot
hsupa_data_spi_4	nok_nkcel_cthruput_tab.y34uve4dmm2aicsd002uaxybdk	INT8	kByte	Total data volume successfully received in MAC-e PDUs in bytes for SPI class 4.	Sum, nkcttbh, nkrttbh, tot
hsupa_data_spi_5	nok_nkcel_cthruput_tab.y34uve6dmm2aicsd002uaxybdk	INT8	kByte	Total data volume successfully received in MAC-e PDUs in bytes for SPI class 5.	Sum, nkcttbh, nkrttbh, tot
hsupa_data_spi_6	nok_nkcel_cthruput_tab.y34uvebdmm2aicsd002uaxybdk	INT8	kByte	Total data volume successfully received in MAC-e PDUs in bytes for SPI class 6.	Sum, nkcttbh, nkrttbh, tot
hsupa_data_spi_7	nok_nkcel_cthruput_tab.y34uveddmm2aicsd002uaxybdk	INT8	kByte	Total data volume successfully received in MAC-e PDUs in bytes for SPI class 7.	Sum, nkcttbh, nkrttbh, tot
hsupa_data_spi_8	nok_nkcel_cthruput_tab.y34uvefdmm2aicsd002uaxybdk	INT8	kByte	Total data volume successfully received in MAC-e PDUs in bytes for SPI class 8.	Sum, nkcttbh, nkrttbh, tot
hsupa_data_spi_9	nok_nkcel_cthruput_tab.y34uvehdmm2aicsd002uaxybdk	INT8	kByte	Total data volume successfully received in MAC-e PDUs in bytes for	Sum, nkcttbh, nkrttbh, tot

This edition applies to IBM® Tivoli® Netcool® Performance Manager for Wireless and to all subsequent releases and modifications until otherwise indicated in new editions.

				SPI class 9.	

6.6.7 Cell.Nokia.UMTS.code_blocking

Code utilisation statistics

KPI Name	Expression	Data Type	Units	Description	Aggregation
no_codes_available_sf128	nok_nkcel_codblk_tab.ywmyitxahk26seccb00hw01qk4	INT8	#	Number of times when no SF152 codes were available	Sum, nkcttbh, nkrttbh, tot
no_codes_available_sf16	nok_nkcel_codblk_tab.ywliy4hahk26seccb00hw01qk4	INT8	#	Number of times when no SF16 codes were available	Sum, nkcttbh, nkrttbh, tot
no_codes_available_sf256	nok_nkcel_codblk_tab.ywnig52ahk26seccb00hw01qk4	INT8	#	Number of times when no SF256 codes were available	Sum, nkcttbh, nkrttbh, tot
no_codes_available_sf32	nok_nkcel_codblk_tab.ywm1dxpahk26seccb00hw01qk4	INT8	#	Number of times when no SF32 codes were available	Sum, nkcttbh, nkrttbh, tot
no_codes_available_sf4	nok_nkcel_codblk_tab.ywkixwhahk26seccb00hw01qk4	INT8	#	Number of times when no SF4 codes were available	Sum, nkcttbh, nkrttbh, tot
no_codes_available_sf64	nok_nkcel_codblk_tab.ywmjgxdahk26seccb00hw01qk4	INT8	#	Number of times when no SF64 codes were available	Sum, nkcttbh, nkrttbh, tot
no_codes_available_sf8	nok_nkcel_codblk_tab.ywl0b62ahk26seccb00hw01qk4	INT8	#	Number of times when no SF8 codes were available	Sum, nkcttbh, nkrttbh, tot
the_nbr_of_succ_code_tree_allo	nok_nkcel_codblk_tab.ywnxll6ahk26seccb00hw01qk4	INT8	#	The number of successful code tree allocations	Sum, nkcttbh, nkrttbh, tot

6.6.8 Cell.Nokia.UMTS.code_downgrade

Channelization code downgrades due to congestion statistics.

KPI Name	Expression	Data Type	Units	Description	Aggregation
hsdpa_ch_code_downgrade_due_to_nrt_dch	nok_nkcel_coddwngd_tab.uaqacs01im2ahsxr0035xkcuai	INTEGER	#	The number of HSDPA channelization code downgrades due to congestion of NRT DCH requests.	Sum, nkcttbh, nkrttbh, tot
hsdpa_ch_code_downgrade_due_to_rt	nok_nkcel_coddwngd_tab.uaqacrx1im2ahsxr0035xkcuai	INTEGER	#	The number of HSDPA channelization code downgrades due to congestion of RT DCH requests.	Sum, nkcttbh, nkrttbh, tot

6.6.9 Cell.Nokia.UMTS.code_occupancy

Code usage statistics

KPI Name	Expression	Data Type	Units	Description	Aggregation
average_usage_of_code_capacity	nok_nkcel_codocp_tab.ywogmphahk26seccb00hw01qk4	FLOAT	%	Average code usage in percentage	Average, avg, max, min, nkcttbh, nkrttbh, tot
avg_usage_of_code_capacity	{average_usage_of_code_capacity} / {denominator_for_average_usage_of_code_capacity}	FLOAT	#	Calculation for average code percentage	Average, avg, max, min, nkcttbh, nkrttbh, tot
denominator_for_average_usage_of_c	nok_nkcel_codocp_tab.ywovt0dahk26seccb00hw01qk4	INT8	#	Denominator for average code usage	Sum, avg, max, min,

ode_capacity					nkcttbh, nkrttbh, tot
max_code_occupancy_percentage	nok_nkcel_codocp_tab.ywpvm0pahk26seccb00hw01qk4	FLOAT	%	Maximum code usage (in percentage) during a measurement period	Constant, avg, max, min, nkcttbh, nkrttbh, tot
minimum_code_occupancy_percentage	nok_nkcel_codocp_tab.ywpft6xahk26seccb00hw01qk4	FLOAT	%	Minimum code usage (in percentage) during a measurement period.	Minimum, avg, max, min, nkcttbh, nkrttbh, tot

6.6.10 Cell.Nokia.UMTS.code_request

SF code request by type statistics.

KPI Name	Expression	Data Type	Units	Description	Aggregation
channelization_code_sf128_requested	nok_nkcel_codreq_tab.uaqacrt1im2ahsxr0035xkcuai	INTEGER	#	The counter indicates how many times the channelization code for SF128 is requested.	Sum, nkcttbh, nkrttbh, tot
channelization_code_sf16_requested	nok_nkcel_codreq_tab.uaqacrn1im2ahsxr0035xkcuai	INTEGER	#	The counter indicates how many times the channelization code for SF16 is requested.	Sum, nkcttbh, nkrttbh, tot
channelization_code_sf256_requested	nok_nkcel_codreq_tab.uaqacrv1im2ahsxr0035xkcuai	INTEGER	#	The counter indicates how many times the channelization code for SF256 is requested.	Sum, nkcttbh, nkrttbh, tot
channelization_code_sf32_requested	nok_nkcel_codreq_tab.uaqacrp1im2ahsxr0035xkcuai	INTEGER	#	The counter indicates how many	Sum, nkcttbh,

				times the channelization code for SF32 is requested.	nkrttbh, tot
channelization_code_sf4_requested	nok_nkcel_codreq_tab.uaqacrj1im2ahsxr0035xkcuai	INTEGER	#	The counter indicates how many times the channelization code for SF4 is requested.	Sum, nkcttbh, nkrttbh, tot
channelization_code_sf64_requested	nok_nkcel_codreq_tab.uaqacrr1im2ahsxr0035xkcuai	INTEGER	#	The counter indicates how many times the channelization code for SF64 is requested.	Sum, nkcttbh, nkrttbh, tot
channelization_code_sf8_requested	nok_nkcel_codreq_tab.uaqacrl1im2ahsxr0035xkcuai	INTEGER	#	The counter indicates how many times the channelization code for SF8 is requested.	Sum, nkcttbh, nkrttbh, tot

6.6.11 Cell.Nokia.UMTS.code_reservation

Channelization code reservation duration statistics.

KPI Name	Expression	Data Type	Units	Description	Aggregation
duration_of_hsdpa_10_codes_reservation	nok_nkcel_codrsv_tab.uaqacr41im2ahsxr0035xkcuai	INTEGER	#	The counter indicates how long time 10 channelization codes have been reserved for HSDPA during the measurement period.	Sum, nkcttbh, nkrttbh, tot

This edition applies to IBM® Tivoli® Netcool® Performance Manager for Wireless and to all subsequent releases and modifications until otherwise indicated in new editions.

duration_of_hsdpa_11_codes_reservation	nok_nkcel_codrsv_tab.uaqacr61im2ahsxr0035xkcuai	INTEGER	#	The counter indicates how long time 11 channelization codes have been reserved for HSDPA during the measurement period.	Sum, nkcttbh, nkrttbh, tot
duration_of_hsdpa_12_codes_reservation	nok_nkcel_codrsv_tab.uaqacrb1im2ahsxr0035xkcuai	INTEGER	#	The counter indicates how long time 12 channelization codes have been reserved for HSDPA during the measurement period.	Sum, nkcttbh, nkrttbh, tot
duration_of_hsdpa_13_codes_reservation	nok_nkcel_codrsv_tab.uaqacrd1im2ahsxr0035xkcuai	INTEGER	#	The counter indicates how long time 13 channelization codes have been reserved for HSDPA during the measurement period.	Sum, nkcttbh, nkrttbh, tot
duration_of_hsdpa_14_codes_reservation	nok_nkcel_codrsv_tab.uaqacrf1im2ahsxr0035xkcuai	INTEGER	#	The counter indicates how long time 14 channelization codes have been reserved for HSDPA during the measurement period.	Sum, nkcttbh, nkrttbh, tot
duration_of_hsdpa_15_codes_reservation	nok_nkcel_codrsv_tab.uaqacrh1im2ahsxr0035xkcuai	INTEGER	#	The counter indicates how long time 15 channelization codes have been reserved for HSDPA during the	Sum, nkcttbh, nkrttbh, tot

				measurement period.	
duration_of_hsdpa_5_codes_reservation	nok_nkcel_codrsv_tab.uaqacqt1im2ahsxr0035xkcuai	INTEGER	#	The counter indicates how long time 5 channelization codes have been reserved for HSDPA during the measurement period.	Sum, nkcttbh, nkrttbh, tot
duration_of_hsdpa_6_codes_reservation	nok_nkcel_codrsv_tab.uaqacqv1im2ahsxr0035xkcuai	INTEGER	#	The counter indicates how long time 6 channelization codes have been reserved for HSDPA during the measurement period.	Sum, nkcttbh, nkrttbh, tot
duration_of_hsdpa_7_codes_reservation	nok_nkcel_codrsv_tab.uaqacqx1im2ahsxr0035xkcuai	INTEGER	#	The counter indicates how long time 7 channelization codes have been reserved for HSDPA during the measurement period.	Sum, nkcttbh, nkrttbh, tot
duration_of_hsdpa_8_codes_reservation	nok_nkcel_codrsv_tab.uaqacr01im2ahsxr0035xkcuai	INTEGER	#	The counter indicates how long time 8 channelization codes have been reserved for HSDPA during the measurement period.	Sum, nkcttbh, nkrttbh, tot

This edition applies to IBM® Tivoli® Netcool® Performance Manager for Wireless and to all subsequent releases and modifications until otherwise indicated in new editions.

duration_of_hsdpa_9_codes_reservation	nok_nkcel_codrsv_tab.uaqacr21im2ahsxr0035xkcuai	INTEGER	#	The counter indicates how long time 9 channelization codes have been reserved for HSDPA during the measurement period.	Sum, nkcttbh, nkrttbh, tot

6.6.12 Cell.Nokia.UMTS.dch_reconfiguration_failure

DCH reconfiguration failure statistics

KPI Name	Expression	Data Type	Units	Description	Aggregation
fail_rec_bgr_dch_dl_ac	nok_nkcel_dchrecf_tab.xjvhdnxdmm2aicsd002uaxybdk	INTEGER	#	The number of DCH reconfiguration failures for background NRT RB due to Admission Control in SRNC in DL.	Sum, nkcttbh, nkrttbh, tot
fail_rec_bgr_dch_dl_bts	nok_nkcel_dchrecf_tab.xjvhdnpdmm2aicsd002uaxybdk	INTEGER	#	The number of DCH reconfiguration failures for background NRT RB due to BTS reasons in SRNC in DL.	Sum, nkcttbh, nkrttbh, tot
fail_rec_bgr_dch_dl_oth	nok_nkcel_dchrecf_tab.xjvhdo6dmm2aicsd002uaxybdk	INTEGER	#	The number of DCH reconfiguration failures for background NRT RB due to other reasons in SRNC in DL.	Sum, nkcttbh, nkrttbh, tot
fail_rec_bgr_dch_dl_trans	nok_nkcel_dchrecf_tab.xjvhdnhdmm2aicsd002uaxybdk	INTEGER	#	The number of DCH reconfiguration	Sum, nkcttbh, nkrttbh,

				failures for background NRT RB due to transport resources in SRNC in DL.	tot
fail_rec_bgr_dch_ul_ac	nok_nkcel_dchrecf_tab.xjvhdntdmm2aicsd002uaxybdk	INTEGER	#	The number of DCH reconfiguration failures for background NRT RB due to Admission Control in SRNC in UL.	Sum, nkcttbh, nkrttbh, tot
fail_rec_bgr_dch_ul_bts	nok_nkcel_dchrecf_tab.xjvhdnldmm2aicsd002uaxybdk	INTEGER	#	The number of DCH reconfiguration failures for background NRT RB due to BTS reasons in SRNC in UL. Note: If IP-based Iub transmission is used, uplink transport congestion is seen in this counter.	Sum, nkcttbh, nkrttbh, tot
fail_rec_bgr_dch_ul_oth	nok_nkcel_dchrecf_tab.xjvhdo2dmm2aicsd002uaxybdk	INTEGER	#	The number of DCH reconfiguration failures for background NRT RB due to other reasons in SRNC in UL.	Sum, nkcttbh, nkrttbh, tot
fail_rec_bgr_dch_ul_trans	nok_nkcel_dchrecf_tab.xjvhdnddmm2aicsd002uaxybdk	INTEGER	#	The number of DCH reconfiguration	Sum, nkcttbh, nkrttbh,

				failures for background NRT RB due to transport resources in SRNC in UL.	tot
fail_rec_intera_dch_dl_ac	nok_nkcel_dchrecf_tab.xjvhdnvdmm2aicsd002uaxybdk	INTEGER	#	The number of DCH reconfiguration failures for interactive NRT RB due to Admission Control in SRNC in DL.	Sum, nkcttbh, nkrttbh, tot
fail_rec_intera_dch_dl_bts	nok_nkcel_dchrecf_tab.xjvhdnndmm2aicsd002uaxybdk	INTEGER	#	The number of DCH reconfiguration failures for interactive NRT RB due to BTS reasons in SRNC in DL.	Sum, nkcttbh, nkrttbh, tot
fail_rec_intera_dch_dl_oth	nok_nkcel_dchrecf_tab.xjvhdo4dmm2aicsd002uaxybdk	INTEGER	#	The number of DCH reconfiguration failures for interactive NRT RB due to other reasons in SRNC in DL.	Sum, nkcttbh, nkrttbh, tot
fail_rec_intera_dch_dl_trans	nok_nkcel_dchrecf_tab.xjvhdnfdmm2aicsd002uaxybdk	INTEGER	#	The number of DCH reconfiguration failures for interactive NRT RB due to transport resources in SRNC in DL.	Sum, nkcttbh, nkrttbh, tot
fail_rec_intera_dch_ul_ac	nok_nkcel_dchrecf_tab.xjvhdnrdmm2aicsd002uaxybdk	INTEGER	#	The number of DCH reconfiguration failures for interactive NRT RB due to Admission Control in SRNC in UL.	Sum, nkcttbh, nkrttbh, tot

fail_rec_intera_dch_ul_bts	nok_nkcel_dchrecf_tab.xjvhdnjdmm2aicsd002uaxybdk	INTEGER	#	The number of DCH reconfiguration failures for interactive NRT RB due to BTS reasons in SRNC in UL. Note: If IP-based Iub transmission is used, uplink transport congestion is seen in this counter.	Sum, nkcttbh, nkrttbh, tot
fail_rec_intera_dch_ul_oth	nok_nkcel_dchrecf_tab.xjvhdo0dmm2aicsd002uaxybdk	INTEGER	#	The number of DCH reconfiguration failures for interactive NRT RB due to other reasons in SRNC in UL.	Sum, nkcttbh, nkrttbh, tot
fail_rec_intera_dch_ul_trans	nok_nkcel_dchrecf_tab.xjvhdnbdmm2aicsd002uaxybdk	INTEGER	#	The number of DCH reconfiguration failures for interactive NRT RB due to transport resources in SRNC in UL. Includes also HSDPA uplink return channel.	Sum, nkcttbh, nkrttbh, tot

6.6.13 Cell.Nokia.UMTS.dedicated_meas

Dedicated measurement reports statistics

KPI Name	Expression	Data Type	Units	Description	Aggregation
tx_code_pwr_class_0	nok_nkcel_ddmeas_tab.xdrxah0dmm2aicsd002uaxybd	INTEGER	#	The number of received Dedicated	Sum, nkcttbh,

	k			Measurement Reports received from the WBTS in which the Transmitted Code Power (TxCdPwr) value is inside Class 0 range.	nkrttbh, tot
tx_code_pwr_class_1	nok_nkcel_ddmeas_tab.xdrxah2dmm2aicsd002uaxybdk	INTEGER	#	The number of received Dedicated Measurement Reports received from the WBTS in which the Transmitted Code Power (TxCdPwr) value is inside Class 1 range.	Sum, nkcttbh, nkrttbh, tot
tx_code_pwr_class_2	nok_nkcel_ddmeas_tab.xdrxah4dmm2aicsd002uaxybdk	INTEGER	#	The number of received Dedicated Measurement Reports received from the WBTS in which the Transmitted Code Power (TxCdPwr) value is inside Class 2 range.	Sum, nkcttbh, nkrttbh, tot
tx_code_pwr_class_3	nok_nkcel_ddmeas_tab.xdrxah6dmm2aicsd002uaxybdk	INTEGER	#	The number of received Dedicated Measurement Reports received from the WBTS in which the Transmitted Code Power (TxCdPwr) value is inside Class 3 range.	Sum, nkcttbh, nkrttbh, tot
tx_code_pwr_class_4	nok_nkcel_ddmeas_tab.xdrxahbdmm2aicsd002uaxybdk	INTEGER	#	The number of received Dedicated Measurement Reports received from the WBTS in	Sum, nkcttbh, nkrttbh, tot

				which the Transmitted Code Power (TxCdPwr) value is inside Class 4 range.	
tx_code_pwr_class_5	nok_nkcel_ddmeas_tab.xdrxahddmm2aicsd002uaxybdk	INTEGER	#	The number of received Dedicated Measurement Reports received from the WBTS in which the Transmitted Code Power (TxCdPwr) value is inside Class 5 range.	Sum, nkcttbh, nkrttbh, tot
tx_code_pwr_class_6	nok_nkcel_ddmeas_tab.xdrxahfdmm2aicsd002uaxybdk	INTEGER	#	The number of received Dedicated Measurement Reports received from the WBTS in which the Transmitted Code Power (TxCdPwr) value is inside Class 6 range.	Sum, nkcttbh, nkrttbh, tot
tx_code_pwr_class_7	nok_nkcel_ddmeas_tab.xdrxahhdmm2aicsd002uaxybdk	INTEGER	#	The number of received Dedicated Measurement Reports received from the WBTS in which the Transmitted Code Power (TxCdPwr) value is inside Class 7 range.	Sum, nkcttbh, nkrttbh, tot
tx_code_pwr_class_8	nok_nkcel_ddmeas_tab.xdrxahjdmm2aicsd002uaxybdk	INTEGER	#	The number of received Dedicated Measurement	Sum, nkcttbh, nkrttbh,

				Reports received from the WBTS in which the Transmitted Code Power (TxCdPwr) value is inside Class 8 range.	tot
tx_code_pwr_class_9	nok_nkcel_ddmeas_tab.xdrxahldmm2aicsd002uaxybdk	INTEGER	#	The number of received Dedicated Measurement Reports received from the WBTS in which the Transmitted Code Power (TxCdPwr) value is inside Class 9 range.	Sum, nkcttbh, nkrttbh, tot

6.6.14 Cell.Nokia.UMTS.downlink_code_load

Downlink spreading code load statistics

KPI Name	Expression	Data Type	Units	Description	Aggregation
amr_code_load_below_target	nok_nkcel_dwcld_tab.xdrxadbdmm2aicsd002uaxybdk	INTEGER	#	The number of times when (downlink spreading code load on SF128 level) < (target load threshold AMRTargetSC).	Sum, nkcttbh, nkrttbh, tot
amr_code_load_over_target	nok_nkcel_dwcld_tab.xdrxadddmm2aicsd002uaxybdk	INTEGER	#	The number of times when (downlink spreading code load on SF128 level) >= (target load threshold AMRTargetSC) .	Sum, nkcttbh, nkrttbh, tot
amr_code_load_overload	nok_nkcel_dwcld_tab.xdrxadfdmm2aicsd002uaxybdk	INTEGER	#	The number of times when (downlink	Sum, nkcttbh, nkrttbh,

				spreading code load on SF128 level) >= (over load threshold AMROverSC).	tot
amr_code_load_underload	nok_nkcel_dwcld_tab.xdrxad6dmm2aicsd002uaxybdk	INTEGER	#	The number of times when (downlink spreading code load on SF128 level) < (under load threshold AMRUnderSC).	Sum, nkcttbh, nkrttbh, tot

6.6.15 Cell.Nokia.UMTS.edch_macd_flow

E-DCH MAC-d flows statistics

KPI Name	Expression	Data Type	Units	Description	Aggregation
denom_edch_macd_bgr	nok_nkcel_edch_tab.xdrxaefdmm2aicsd002uaxybdk	INTEGER	#	The number of samples taken for counter M1000C310, used as a denominator for average calculation.	Sum, nkcttbh, nkrttbh, tot
denom_edch_macd_intera	nok_nkcel_edch_tab.xdrxaebdmm2aicsd002uaxybdk	INTEGER	#	The number of samples taken for counter M1000C308, used as a denominator for average calculation.	Sum, nkcttbh, nkrttbh, tot
denom_edch_macd_strea	nok_nkcel_edch_tab.xdrxae4dmm2aicsd002uaxybdk	INTEGER	#	The number of samples taken for counter M1000C306, used as a denominator	Sum, nkcttbh, nkrttbh, tot

				for average calculation.	
sum_edch_macd_bgr	nok_nkcel_edch_tab.xdrxaeddmm2aicsd002uaxybdk	INTEGER	#	Sum of samples for calculating average number of simultaneous E-DCH MAC-d flows per cell for background traffic class.	Sum, nkcttbh, nkrttbh, tot
sum_edch_macd_intera	nok_nkcel_edch_tab.xdrxae6dmm2aicsd002uaxybdk	INTEGER	#	Sum of samples for calculating average number of simultaneous E-DCH MAC-d flows per cell for interactive traffic class.	Sum, nkcttbh, nkrttbh, tot
sum_edch_macd_strea	nok_nkcel_edch_tab.xdrxae2dmm2aicsd002uaxybdk	INTEGER	#	Sum of samples for calculating average number of simultaneous E-DCH MAC-d flows per cell for streaming traffic class.	Sum, nkcttbh, nkrttbh, tot

6.6.16 Cell.Nokia.UMTS.edpcch_ttis

E-DPCCH TTI statistics

KPI Name	Expression	Data Type	Units	Description	Aggregation
hsupa_number_of_happy_bits	nok_edpcch_tti_tab.xw0rq5ddmm2aicsd002uaxybdk	INTEGER	#	Number of TTIs that the UE has indicated with the Happy Bit in E-DPCCH that it is happy for the current allocation.	Sum, nkcttbh, nkrttbh, tot
hsupa_number_of_unhappy_bits	nok_edpcch_tti_tab.xw0rq5fdmm2aicsd002uaxybdk	INTEGER	#	Number of TTIs that the UE has	Sum, nkcttbh,

				indicated with the Happy Bit in E-DPCCH that it is unhappy for the current allocation.	nkrttbh, tot

6.6.17 Cell.Nokia.UMTS.hsdpa_users

HSDPA Users related statistics

KPI Name	Expression	Data Type	Units	Description	Aggregation
_%_time_active_hsdpa_users	100 * (1-({duration_of_no_active_hsdpa_users} / {measurement_seconds}))	FLOAT	%	Percentage of time where HSDPA users are allocated during the measurement period. The counter is not updated if HSDPA is disabled for the cell.	Average, avg, max, min, nkcttbh, nkrttbh, tot
denom_hsdpa_users_per_cell	nok_nkcel_hsdpausr_tab.xdrxacrdmm2aicsd002uaxybdk	INTEGER	#	The number of samples taken for counter M1000C284, used as a denominator for average calculation.	Sum, nkcttbh, nkrttbh, tot
dura_hsdpa_users_1	nok_nkcel_hsdpausr_tab.xdrxaehdmm2aicsd002uaxybdk	INTEGER	Sec	This counter indicates the amount of time that 1 active HSDPA user is simultaneously allocated during the measurement period.	Sum, nkcttbh, nkrttbh, tot
dura_hsdpa_users_	nok_nkcel_hsdpausr_tab.xd	INTEG	Sec	This counter	Sum,

3	rxaejdmm2aicsd002uaxybdk	ER		indicates the amount of time that 3 active HSDPA users are simultaneously allocated during the measurement period.	nkcttbh, nkrttbh, tot
dura_hsdpa_users_49_to_52	nok_nkcel_hsdpausr_tab.xdrxaeldmm2aicsd002uaxybdk	INTEGER	Sec	This counter indicates the amount of time that 49 to 52 active HSDPA users are simultaneously allocated during the measurement period.	Sum, nkcttbh, nkrttbh, tot
dura_hsdpa_users_53_to_56	nok_nkcel_hsdpausr_tab.xdrxaendmm2aicsd002uaxybdk	INTEGER	Sec	This counter indicates the amount of time that 53 to 56 active HSDPA users are simultaneously allocated during the measurement period.	Sum, nkcttbh, nkrttbh, tot
dura_hsdpa_users_57_to_60	nok_nkcel_hsdpausr_tab.xdrxaepdmm2aicsd002uaxybdk	INTEGER	Sec	This counter indicates the amount of time that 57 to 60 active HSDPA users are simultaneously allocated during the measurement period.	Sum, nkcttbh, nkrttbh, tot
dura_hsdpa_users_61_to_64	nok_nkcel_hsdpausr_tab.xdrxaerdmm2aicsd002uaxybdk	INTEGER	Sec	This counter indicates the amount of time that 61 to 64 active HSDPA users are simultaneously allocated during the measurement	Sum, nkcttbh, nkrttbh, tot

				period.	
duration_of_active_hsdpa_users_1_or_2_simultaneous_users	nok_nkcel_hsdpausr_tab.ywrfbgtahk26seccb00hw01qk4	INT8	Sec	This counter indicates how long time 1 or 2 active HSDPA users are simultaneously allocated during the measurement period.	Sum, nkcttbh, nkrttbh, tot
duration_of_active_hsdpa_users_11_or_12_simultaneous_users	nok_nkcel_hsdpausr_tab.ywtx3rlahk26seccb00hw01qk4	INT8	Sec	This counter indicates how long time 11 or 12 active HSDPA users are simultaneously allocated during the measurement period.	Sum, nkcttbh, nkrttbh, tot
duration_of_active_hsdpa_users_13_or_14_simultaneous_users	nok_nkcel_hsdpausr_tab.ywuhiolahk26seccb00hw01qk4	INT8	Sec	This counter indicates how long time 13 or 14 active HSDPA users are simultaneously allocated during the measurement period.	Sum, nkcttbh, nkrttbh, tot
duration_of_active_hsdpa_users_15_or_16_simultaneous_users	nok_nkcel_hsdpausr_tab.ywuxf0hahk26seccb00hw01qk4	INT8	Sec	This counter indicates how long time 15 or 16 active HSDPA users are simultaneously allocated during the measurement period.	Sum, nkcttbh, nkrttbh, tot
duration_of_active_hsdpa_users_17_to_20_simultaneous_users	nok_nkcel_hsdpausr_tab.uaqacqd1im2ahsxr0035xkcuai	INTEGER	Sec	The counter indicates how long time 17 to 20 active HSDPA users are simultaneously	Sum, nkcttbh, nkrttbh, tot

				allocated during the measurement period.	
duration_of_active_hsdpa_users_21_to_24_simultaneous_users	nok_nkcel_hsdpausr_tab.uaqacqf1im2ahsxr0035xkcuai	INTEGER	Sec	The counter indicates how long time 21 to 24 active HSDPA users are simultaneously allocated during the measurement period.	Sum, nkcttbh, nkrttbh, tot
duration_of_active_hsdpa_users_25_to_28_simultaneous_users	nok_nkcel_hsdpausr_tab.uaqacqh1im2ahsxr0035xkcuai	INTEGER	Sec	The counter indicates how long time 25 to 28 active HSDPA users are simultaneously allocated during the measurement period.	Sum, nkcttbh, nkrttbh, tot
duration_of_active_hsdpa_users_29_to_32_simultaneous_users	nok_nkcel_hsdpausr_tab.uaqacqj1im2ahsxr0035xkcuai	INTEGER	Sec	The counter indicates how long time 29 to 32 active HSDPA users are simultaneously allocated during the measurement period.	Sum, nkcttbh, nkrttbh, tot
duration_of_active_hsdpa_users_3_or_4_simultaneous_users	nok_nkcel_hsdpausr_tab.ywrvhidahk26seccb00hw01qk4	INT8	Sec	This counter indicates how long time 3 or 4 active HSDPA users are simultaneously allocated during the measurement period.	Sum, nkcttbh, nkrttbh, tot
duration_of_active_hsdpa_users_33_to_36_simultaneous_users	nok_nkcel_hsdpausr_tab.uaqacql1im2ahsxr0035xkcuai	INTEGER	Sec	The counter indicates how long time 33 to 36 active HSDPA users are simultaneously allocated during the measurement period.	Sum, nkcttbh, nkrttbh, tot

duration_of_active_hsdpa_users_37_to_40_simultaneous_users	nok_nkcel_hsdpausr_tab.uaqacqn1im2ahsxr0035xkcuai	INTEGER	Sec	The counter indicates how long time 37 to 40 active HSDPA users are simultaneously allocated during the measurement period.	Sum, nkcttbh, nkrttbh, tot
duration_of_active_hsdpa_users_41_to_44_simultaneous_users	nok_nkcel_hsdpausr_tab.uaqacqp1im2ahsxr0035xkcuai	INTEGER	Sec	The counter indicates how long time 41 to 44 active HSDPA users are simultaneously allocated during the measurement period.	Sum, nkcttbh, nkrttbh, tot
duration_of_active_hsdpa_users_45_to_48_simultaneous_users	nok_nkcel_hsdpausr_tab.uaqacqr1im2ahsxr0035xkcuai	INTEGER	Sec	The counter indicates how long time 45 to 48 active HSDPA users are simultaneously allocated during the measurement period.	Sum, nkcttbh, nkrttbh, tot
duration_of_active_hsdpa_users_5_or_6_simultaneous_users	nok_nkcel_hsdpausr_tab.ywseo36ahk26seccb00hw01qk4	INT8	Sec	This counter indicates how long time 5 or 6 active HSDPA users are simultaneously allocated during the measurement period.	Sum, nkcttbh, nkrttbh, tot
duration_of_active_hsdpa_users_7_or_8_simultaneous_users	nok_nkcel_hsdpausr_tab.ywstuv2ahk26seccb00hw01qk4	INT8	Sec	This counter indicates how long time 7 or 8 active HSDPA users are simultaneously allocated during the	Sum, nkcttbh, nkrttbh, tot

This edition applies to IBM® Tivoli® Netcool® Performance Manager for Wireless and to all subsequent releases and modifications until otherwise indicated in new editions.

				measurement period.	
duration_of_active_hsdpa_users_9_or_10_simultaneous_users	nok_nkcel_hsdpausr_tab.ywthy36ahk26seccb00hw01qk4	INT8	Sec	This counter indicates how long time 9 or 10 active HSDPA users are simultaneously allocated during the measurement period.	Sum, nkcttbh, nkrttbh, tot
duration_of_no_active_hsdpa_users	nok_nkcel_hsdpausr_tab.ywqvefhahk26seccb00hw01qk4	INT8	Sec	This counter indicates how long time no HSDPA users are allocated during the measurement period. The counter is not updated if HSDPA is disabled for the cell.	Sum, nkcttbh, nkrttbh, tot
max_hsdpa_users_in_cell	nok_nkcel_hsdpausr_tab.xdrxacldmm2aicsd002uaxybdk	INTEGER	#	The maximum number of simultaneous HSDPA users per cell.	Constant, avg, max, min, nkcttbh, nkrttbh, tot
sum_hsdpa_users_in_cell	nok_nkcel_hsdpausr_tab.xdrxacpdmm2aicsd002uaxybdk	INTEGER	#	The sum of sampled values for measuring the number of simultaneous HSDPA users in the cell.	Sum, nkcttbh, nkrttbh, tot
tot_duration_active_hsdpa_users	({duration_of_active_hsdpa_users_1_or_2_simultaneous_users}+ {duration_of_active_hsdpa_users_3_or_4_simultaneous_users}+ {duration_of_active_hsdpa_users_5_or_6_simultaneous_users}+ {duration_of_active_hsdpa	INT8	Sec	Total duration of all HSDPA-user allocated (1-16) during the observation period	Sum, nkcttbh, nkrttbh, tot

	_users_7_or_8_simultaneous_users}+ {duration_of_active_hsdpa_users_9_or_10_simultaneous_users}+ {duration_of_active_hsdpa_users_11_or_12_simultaneous_users}+ {duration_of_active_hsdpa_users_13_or_14_simultaneous_users}+ {duration_of_active_hsdpa_users_15_or_16_simultaneous_users}+ {duration_of_active_hsdpa_users_17_to_20_simultaneous_users}+ {duration_of_active_hsdpa_users_21_to_24_simultaneous_users}+ {duration_of_active_hsdpa_users_25_to_28_simultaneous_users}+ {duration_of_active_hsdpa_users_29_to_32_simultaneous_users}+ {duration_of_active_hsdpa_users_33_to_36_simultaneous_users}+ {duration_of_active_hsdpa_users_37_to_40_simultaneous_users}+ {duration_of_active_hsdpa_users_41_to_44_simultaneous_users}+ {duration_of_active_hsdpa_users_45_to_48_simultaneous_users})				

This edition applies to IBM® Tivoli® Netcool® Performance Manager for Wireless and to all subsequent releases and modifications until otherwise indicated in new editions.

6.6.18 Cell.Nokia.UMTS.hsdsch_macd_flow

HS-DSCH MAC-d flows statistics

KPI Name	Expression	Data Type	Units	Description	Aggregation
denom_hsdsch_macd_bgr	nok_nkcel_hsdsch_tab.xdrxae0dmm2aicsd002uaxybdk	INTEGER	#	The number of samples taken for counter M1000C304, used as a denominator for average calculation.	Sum, nkcttbh, nkrttbh, tot
denom_hsdsch_macd_intera	nok_nkcel_hsdsch_tab.xdrxadvdmm2aicsd002uaxybdk	INTEGER	#	The number of samples taken for counter M1000C302, used as a denominator for average calculation.	Sum, nkcttbh, nkrttbh, tot
denom_hsdsch_macd_strea	nok_nkcel_hsdsch_tab.xdrxadrdmm2aicsd002uaxybdk	INTEGER	#	The number of samples taken for counter M1000C300, used as a denominator for average calculation.	Sum, nkcttbh, nkrttbh, tot
sum_hsdsch_macd_bgr	nok_nkcel_hsdsch_tab.xdrxadxdmm2aicsd002uaxybdk	INTEGER	#	Sum of samples for calculating average number of simultaneous HS-DSCH MAC-d flows per cell for background traffic class.	Sum, nkcttbh, nkrttbh, tot
sum_hsdsch_macd_intera	nok_nkcel_hsdsch_tab.xdrxadtdmm2aicsd002uaxybdk	INTEGER	#	Sum of samples for calculating average number of simultaneous HS-DSCH MAC-d flows per cell for interactive traffic class.	Sum, nkcttbh, nkrttbh, tot

sum_hsdsch_macd_strea	nok_nkcel_hsdsch_tab.xdrxadpdmm2aicsd002uaxybdk	INTEGER	#	Sum of samples for calculating average number of simultaneous HS-DSCH MAC-d flows per cell for streaming traffic class.	Sum, nkcttbh, nkrttbh, tot

6.6.19 Cell.Nokia.UMTS.hspdsch_power_class

HS-PDSCH power class statistics

KPI Name	Expression	Data Type	Units	Description	Aggregation
sample_hs_pdsch_pwr_class_01	nok_hspdsch_pclass_tab.xw0rq5hdmm2aicsd002uaxybdk	INTEGER	#	Number of samples in HS-PDSCH within the limits of class 01 (HS-PDSCH trx pwr <= 10 %).	Sum, nkcttbh, nkrttbh, tot
sample_hs_pdsch_pwr_class_02	nok_hspdsch_pclass_tab.xw0rq5jdmm2aicsd002uaxybdk	INTEGER	#	Number of samples in HS-PDSCH within the limits of class 02 (10 % < HS-PDSCH trx pwr <= 20 %).	Sum, nkcttbh, nkrttbh, tot
sample_hs_pdsch_pwr_class_03	nok_hspdsch_pclass_tab.xw0rq5ldmm2aicsd002uaxybdk	INTEGER	#	Number of samples in HS-PDSCH within the limits of class 03 (20 % < HS-PDSCH trx pwr <= 30 %).	Sum, nkcttbh, nkrttbh, tot
sample_hs_pdsch_pwr_class_04	nok_hspdsch_pclass_tab.xw0rq5ndmm2aicsd002uaxybdk	INTEGER	#	Number of samples in HS-PDSCH within the limits of class 04 (30 % < HS-PDSCH trx pwr	Sum, nkcttbh, nkrttbh, tot

				<= 40 %).	
sample_hs_pdsch_pwr_class_05	nok_hspdsch_pclass_tab.xw0rq5pdmm2aicsd002uaxybdk	INTEGER	#	Number of samples in HS-PDSCH within the limits of class 05 (40 % < HS-PDSCH trx pwr <= 50 %).	Sum, nkcttbh, nkrttbh, tot
sample_hs_pdsch_pwr_class_06	nok_hspdsch_pclass_tab.xw0rq5rdmm2aicsd002uaxybdk	INTEGER	#	Number of samples in HS-PDSCH within the limits of class 06 (50 % < HS-PDSCH trx pwr <= 60 %).	Sum, nkcttbh, nkrttbh, tot
sample_hs_pdsch_pwr_class_07	nok_hspdsch_pclass_tab.xw0rq5tdmm2aicsd002uaxybdk	INTEGER	#	Number of samples in HS-PDSCH within the limits of class 07 (60 % < HS-PDSCH trx pwr <= 70 %).	Sum, nkcttbh, nkrttbh, tot
sample_hs_pdsch_pwr_class_08	nok_hspdsch_pclass_tab.xw0rq5vdmm2aicsd002uaxybdk	INTEGER	#	Number of samples in HS-PDSCH within the limits of class 08 (70 % < HS-PDSCH trx pwr <= 80 %).	Sum, nkcttbh, nkrttbh, tot
sample_hs_pdsch_pwr_class_09	nok_hspdsch_pclass_tab.xw0rq5xdmm2aicsd002uaxybdk	INTEGER	#	Number of samples in HS-PDSCH within the limits of class 09 (80 % < HS-PDSCH trx pwr <= 90 %).	Sum, nkcttbh, nkrttbh, tot
sample_hs_pdsch_pwr_class_10	nok_hspdsch_pclass_tab.xw0rq60dmm2aicsd002uaxybdk	INTEGER	#	Number of samples in HS-PDSCH within the limits of class 10 (90 % < HS-PDSCH trx pwr <= 100 %).	Sum, nkcttbh, nkrttbh, tot

6.6.20 Cell.Nokia.UMTS.hsupa_users

HSUPA Users related statistics

KPI Name	Expression	Data Type	Units	Description	Aggregation

_%_time_active_hsupa_users	100 * (1-({duration_of_no_active_hsupa_users}/{measurement_seconds}))	FLOAT	%	Percentage of time where HSUPA users are allocated during the measurement period	Average, avg, max, min, nkcttbh, nkrttbh, tot
denom_hsupa_users_per_cell	nok_nkcel_hsupausr_tab.xdrxacvdmm2aicsd002uaxybdk	INTEGER	#	The number of samples taken for counter M1000C286, used as a denominator for average calculation.	Sum, nkcttbh, nkrttbh, tot
dur_hsupa_users_1	nok_nkcel_hsupausr_tab.xdrxaetdmm2aicsd002uaxybdk	INTEGER	Sec	This counter indicates the amount of time that 1 active HSUPA user is simultaneously allocated during the measurement period.	Sum, nkcttbh, nkrttbh, tot
dur_hsupa_users_3	nok_nkcel_hsupausr_tab.xdrxaevdmm2aicsd002uaxybdk	INTEGER	Sec	This counter indicates the amount of time that 3 active HSUPA users are simultaneously allocated during the measurement period.	Sum, nkcttbh, nkrttbh, tot
duration_of_active_hsupa_users_1_or_2_simultaneous_users	nok_nkcel_hsupausr_tab.uaqacsd1im2ahsxr0035xkcuai	INTEGER	Sec	This counter indicates how long time 1 or 2 active HSUPA users are simultaneously allocated during the measurement period.	Sum, nkcttbh, nkrttbh, tot
duration_of_active_hsupa_users_11_or_12_simultaneous_users	nok_nkcel_hsupausr_tab.uaqacsn1im2ahsxr0035xkcuai	INTEGER	Sec	This counter indicates how long time 11 or 12 active HSUPA users are	Sum, nkcttbh, nkrttbh, tot

				simultaneously allocated during the measurement period.	
duration_of_active_hsupa_users_13_or_14_simultaneous_users	nok_nkcel_hsupausr_tab.uaqacsp1im2ahsxr0035xkcuai	INTEGER	Sec	This counter indicates how long time 13 or 14 active HSUPA users are simultaneously allocated during the measurement period.	Sum, nkcttbh, nkrttbh, tot
duration_of_active_hsupa_users_15_or_16_simultaneous_users	nok_nkcel_hsupausr_tab.uaqacsr1im2ahsxr0035xkcuai	INTEGER	Sec	This counter indicates how long time 15 or 16 active HSUPA users are simultaneously allocated during the measurement period.	Sum, nkcttbh, nkrttbh, tot
duration_of_active_hsupa_users_17_or_18_simultaneous_users	nok_nkcel_hsupausr_tab.uaqacst1im2ahsxr0035xkcuai	INTEGER	Sec	This counter indicates how long time 17 or 18 active HSUPA users are simultaneously allocated during the measurement period.	Sum, nkcttbh, nkrttbh, tot
duration_of_active_hsupa_users_19_or_20_simultaneous_users	nok_nkcel_hsupausr_tab.uaqacsv1im2ahsxr0035xkcuai	INTEGER	Sec	This counter indicates how long time 19 or 20 active HSUPA users are simultaneously allocated during the measurement period.	Sum, nkcttbh, nkrttbh, tot
duration_of_active_hsupa_users_3_or_	nok_nkcel_hsupausr_tab.uaqacsf1im2ahsxr0035xkcuai	INTEGER	Sec	This counter indicates how long	Sum, nkcttbh,

4_simultaneous_users				time 3 or 4 active HSUPA users are simultaneously allocated during the measurement period.	nkrttbh, tot
duration_of_active_hsupa_users_5_or_6_simultaneous_users	nok_nkcel_hsupausr_tab.uaqacsh1im2ahsxr0035xkcuai	INTEGER	Sec	This counter indicates how long time 5 or 6 active HSUPA users are simultaneously allocated during the measurement period.	Sum, nkcttbh, nkrttbh, tot
duration_of_active_hsupa_users_7_or_8_simultaneous_users	nok_nkcel_hsupausr_tab.uaqacsj1im2ahsxr0035xkcuai	INTEGER	Sec	This counter indicates how long time 7 or 8 active HSUPA users are simultaneously allocated during the measurement period.	Sum, nkcttbh, nkrttbh, tot
duration_of_active_hsupa_users_9_or_10_simultaneous_users	nok_nkcel_hsupausr_tab.uaqacsl1im2ahsxr0035xkcuai	INTEGER	Sec	This counter indicates how long time 9 or 10 active HSUPA users are simultaneously allocated during the measurement period.	Sum, nkcttbh, nkrttbh, tot
duration_of_no_active_hsupa_users	nok_nkcel_hsupausr_tab.sas6c443252ahu2sr035yht4um	INTEGER	Sec	This counter indicates how long time no HSUPA users are allocated during the measurement period. The counter is not updated if HSUPA is disabled for the cell.	Sum, nkcttbh, nkrttbh, tot
max_hsupa_users_in_cell	nok_nkcel_hsupausr_tab.xdrxacndmm2aicsd002uaxybdk	INTEGER	#	The maximum number of simultaneous	Constant, avg, max, min,

				HSUPA users per cell.	nkcttbh, nkrttbh, tot
sum_hsupa_users_in_cell	nok_nkcel_hsupausr_tab.xdrxactdmm2aicsd002uaxybdk	INTEGER	#	The sum of sampled values for measuring the number of simultaneous HSUPA users in the cell.	Sum, nkcttbh, nkrttbh, tot
tot_time_active_hsupa_users	({measurement_seconds}-{duration_of_no_active_hsupa_users})	INTEGER	Sec	This counter indicates how long time HSUPA users are allocated during the measurement period. This counter is not updated if HSUPA is disabled for the cell.	Sum, nkcttbh, nkrttbh, tot

6.6.21 Cell.Nokia.UMTS.incoming_handovers_relocations

Incoming handover and relocation statistics

KPI Name	Expression	Data Type	Units	Description	Aggregation
number_of_int_rnc_inter_freq_hho_attempts	nok_nkcel_inhoreloc_tab.ywygiaxahk26seccb00hw01qk4	INT8	#	A number of inter RNC inter frequency hard handover attempts	Sum, nkcttbh, nkrttbh, tot
number_of_inter_rnc_intra_freq_hho_attempts	nok_nkcel_inhoreloc_tab.ywxhx6xahk26seccb00hw01qk4	INT8	#	A number of inter RNC intra frequency hard handover attempts	Sum, nkcttbh, nkrttbh, tot
number_of_inter_sys_hho_attempts	nok_nkcel_inhoreloc_tab.yx0exw6ahk26seccb00hw01	INT8	#	A number of inter system hard	Sum, nkcttbh,

	qk4			handover attempts	nkrttbh, tot
number_of_srnc_relocation_attempts	nok_nkcel_inhoreloc_tab.ywwjlutahk26seccb00hw01qk4	INT8	#	A number of SRNC relocation attempts	Sum, nkcttbh, nkrttbh, tot
number_of_unsuccessful_int_rnc_inter_freq_hho_attempts	nok_nkcel_inhoreloc_tab.ywyvr6tahk26seccb00hw01qk4	INT8	#	A number of unsuccessful inter RNC inter frequency hard handover attempts	Sum, nkcttbh, nkrttbh, tot
number_of_unsuccessful_inter_rnc_intra_freq_hho_attempts	nok_nkcel_inhoreloc_tab.ywxxaohahk26seccb00hw01qk4	INT8	#	A number of unsuccessful inter RNC intra frequency hard handover attempts	Sum, nkcttbh, nkrttbh, tot
number_of_unsuccessful_inter_sys_hho_attempts	nok_nkcel_inhoreloc_tab.yx0vbrlahk26seccb00hw01qk4	INT8	#	A number of unsuccessful inter system hard handover attempts	Sum, nkcttbh, nkrttbh, tot
number_of_unsuccessful_srnc_relocation_attempts	nok_nkcel_inhoreloc_tab.ywwyrp2ahk26seccb00hw01qk4	INT8	#	A number of unsuccessful SRNC relocation attempts	Sum, nkcttbh, nkrttbh, tot

6.6.22 Cell.Nokia.UMTS.intersys_hho_amr

AMR call handovers statistics

KPI Name	Expression	Data Type	Units	Description	Aggregation
att_ganho_amr_rt	nok_nkcel_inter_hhoamr_tab.xdrxawbdmm2aicsd002uaxybdk	INTEGER	#	The number of attempted AMR call handovers to GAN.	Sum, nkcttbh, nkrttbh, tot
con_drps_ganho_amr_rt	nok_nkcel_inter_hhoamr_tab.xdrxawhdmm2aicsd002uaxybdk	INTEGER	#	The number of failed AMR call handovers to GAN because the UE is lost during the handover	Sum, nkcttbh, nkrttbh, tot

				procedure.	
con_drps_is_hho_dr_amr_rt	nok_nkcel_inter_hhoamr_tab.xdrxaw6dmm2aicsd002uaxybdk	INTEGER	#	The number of RRC connection drops during inter-system handover caused by Directed Retry for AMR calls.	Sum, nkcttbh, nkrttbh, tot
is_hho_att_dr_amr_rt	nok_nkcel_inter_hhoamr_tab.xdrxaw0dmm2aicsd002uaxybdk	INTEGER	#	The number of inter-system handover attempts caused by Directed Retry for AMR calls.	Sum, nkcttbh, nkrttbh, tot
succ_ganho_amr_rt	nok_nkcel_inter_hhoamr_tab.xdrxawddmm2aicsd002uaxybdk	INTEGER	#	The number of successful AMR call handovers to GAN.	Sum, nkcttbh, nkrttbh, tot
succ_is_hho_dr_amr_rt	nok_nkcel_inter_hhoamr_tab.xdrxaw2dmm2aicsd002uaxybdk	INTEGER	#	The number of successful inter-system handovers caused by Directed Retry for AMR calls.	Sum, nkcttbh, nkrttbh, tot
unsucc_ganho_amr_rt	nok_nkcel_inter_hhoamr_tab.xdrxawfdmm2aicsd002uaxybdk	INTEGER	#	The number of failed AMR call handovers to GAN because the relocation preparation fails or the UE is not able to perform the handover and reverts back to the old configuration.	Sum, nkcttbh, nkrttbh, tot
unsucc_is_hho_dr_amr_rt	nok_nkcel_inter_hhoamr_tab.xdrxaw4dmm2aicsd002	INTEGER	#	The number of unsuccessful inter-	Sum, nkcttbh,

	uaxybdk			system handovers caused by Directed Retry for AMR calls.	nkrttbh, tot

6.6.23 Cell.Nokia.UMTS.intersys_hho_nrt

NRT inter-system handover statistics

KPI Name	Expression	Data Type	Units	Description	Aggregation
_%_successful_inter_system_handovers_caused_by_imsi_for_nrt	100 * {successful_inter_system_handovers_caused_by_imsi_for_nrt}/ {inter_system_ho_attempts_caused_by_imsi_for_nrt}	FLOAT	%	Success rate for inter-system handovers caused by IMSI for NRT.	Average, avg, nkcttbh, nkrttbh
canc_isho_add_nrt	nok_nkcel_inter_hhonrt_tab.xdrxavvdmm2aicsd002uaxybdk	INTEGER	#	The number of inter-system HHO measurements cancelled due to Active Set Update caused by Cell Addition for UEs with only NRT connection.	Sum, nkcttbh, nkrttbh, tot
canc_isho_cpich_ecno_nrt	nok_nkcel_inter_hhonrt_tab.xdrxavndmm2aicsd002uaxybdk	INTEGER	#	The number of inter-system HHO measurements cancelled due to CPICH EcNo for UEs with only NRT connection.	Sum, nkcttbh, nkrttbh, tot
canc_isho_cpich_rscp_nrt	nok_nkcel_inter_hhonrt_tab.xdrxavpdmm2aicsd002uaxybdk	INTEGER	#	The number of inter-system HHO measurements cancelled due to CPICH RSCP for UEs with only NRT connection.	Sum, nkcttbh, nkrttbh, tot
canc_isho_dl_dpch_nrt	nok_nkcel_inter_hhonrt_tab.xdrxavtdmm2aicsd002ua	INTEGER	#	The number of inter-system HHO	Sum, nkcttbh,

	xybdk			measurements cancelled due to DL DPCH Power for UEs with only NRT connection.	nkrttbh, tot
canc_isho_repl_nrt	nok_nkcel_inter_hhonrt_tab.xdrxavxdmm2aicsd002uaxybdk	INTEGER	#	The number of inter-system HHO measurements cancelled due to Active Set Update caused by Cell Replacement for UEs with only NRT connection.	Sum, nkcttbh, nkrttbh, tot
canc_isho_tx_pwr_nrt	nok_nkcel_inter_hhonrt_tab.xdrxavrdmm2aicsd002uaxybdk	INTEGER	#	The number of inter-system HHO measurements cancelled due to UE Tx Power for UEs with only NRT connection.	Sum, nkcttbh, nkrttbh, tot
inter_system_compr_mode_start_not_possible_for_nrt	nok_nkcel_inter_hhonrt_tab.yx1tqx6ahk26seccb00hw01qk4	INT8	#	Compressed mode start not possible for NRT. When an inter system HHO measurement cant be activated because compressed mode cant be started.	Sum, nkcttbh, nkrttbh, tot
inter_system_ho_attempts_caused_by_cpich_ecno_for_nrt	nok_nkcel_inter_hhonrt_tab.yxkup2pahk26seccb00hw01qk4	INT8	#	Inter system HHO attempts caused by low measured absolute CPICH Ec/No for NRT.	Sum, nkcttbh, nkrttbh, tot
inter_system_ho_attempts_caused_by_cpich_rscp_for_nrt	nok_nkcel_inter_hhonrt_tab.yxinamtahk26seccb00hw01qk4	INT8	#	Inter system HHO attempts caused by low measured absolute CPICH	Sum, nkcttbh, nkrttbh, tot

This edition applies to IBM® Tivoli® Netcool® Performance Manager for Wireless and to all subsequent releases and modifications until otherwise indicated in new editions.

				RSCP for NRT.	
inter_system_ho_attempts_caused_by_dl_dpch_pwr_for_nrt	nok_nkcel_inter_hhonrt_tab.yxgohelahk26seccb00hw01qk4	INT8	#	Inter system HHO attempts caused by DL DPCH approaching maximum power capability for NRT.	Sum, nkcttbh, nkrttbh, tot
inter_system_ho_attempts_caused_by_imsi_for_nrt	nok_nkcel_inter_hhonrt_tab.yxmvbhhahk26seccb00hw01qk4	INT8	#	Number of inter-system handover attempts caused by IMSI for NRT.	Sum, nkcttbh, nkrttbh, tot
inter_system_ho_attempts_caused_by_ue_trx_pwr_for_nrt	nok_nkcel_inter_hhonrt_tab.yxeqx1xahk26seccb00hw01qk4	INT8	#	Inter system HHO attempts caused by UE transmission power approaching maximum power capability for NRT.	Sum, nkcttbh, nkrttbh, tot
inter_system_ho_attempts_caused_by_ul_dch_qual_for_nrt	nok_nkcel_inter_hhonrt_tab.yxcruttahk26seccb00hw01qk4	INT8	#	Inter system HHO attempts caused by UL DCH quality deterioration for NRT.	Sum, nkcttbh, nkrttbh, tot
load_based_isho_attempts_caused_by_capa_rejection_dl_for_nrt	nok_nkcel_inter_hhonrt_tab.y2lntnjafq2ahdvuj02uauibev	INTEGER	#	The number of Load Based inter-system handover attempts due to CapaReqRejRateDL > LHOcapaReqRejRateDL - by UEs with NRT connection.	Sum, nkcttbh, nkrttbh, tot
load_based_isho_attempts_caused_by_capa_rejection_ul_for_nrt	nok_nkcel_inter_hhonrt_tab.y2lntnhafq2ahdvuj02uauibev	INTEGER	#	The number of Load Based inter-system handover attempts due to CapaReqRejRateUL > LHOcapaReqRejRateUL - by UEs with NRT connection.	Sum, nkcttbh, nkrttbh, tot
load_based_isho_a	nok_nkcel_inter_hhonrt_ta	INTEG	#	The number of Load	Sum,

ttempts_caused_by_hw_or_logical_resource_limitation_for_nrt	b.y2lntnnafq2ahdvuj02uauibev	ER		Based inter-system handover attempts due to HW or logical resource limitation - by UEs with NRT connection.	nkcttbh, nkrttbh, tot
load_based_isho_attempts_caused_by_prxtotal_for_nrt	nok_nkcel_inter_hhonrt_tab.y2lntndafq2ahdvuj02uauibev	INTEGER	#	The number of Load Based inter-system handover attempts due to PrxTotal > PrxTarget + LHOpwrOffsetUL - by UEs with NRT connection.	Sum, nkcttbh, nkrttbh, tot
load_based_isho_attempts_caused_by_ptxtotal_for_nrt	nok_nkcel_inter_hhonrt_tab.y2lntnfafq2ahdvuj02uauibev	INTEGER	#	The number of Load Based inter-system handover attempts due to PtxTotal > PtxTarget + LHOpwrOffsetDL - by UEs with NRT connection.	Sum, nkcttbh, nkrttbh, tot
load_based_isho_attempts_caused_by_reservation_rate_sc_for_nrt	nok_nkcel_inter_hhonrt_tab.y2lntnlafq2ahdvuj02uauibev	INTEGER	#	The number of Load Based inter-system handover attempts due to ReservationRateSC > LHOresRateSC - by UEs with NRT connection.	Sum, nkcttbh, nkrttbh, tot
load_based_isho_meas_with_com_mod_due_to_capa_rejection_dl_for_nrt	nok_nkcel_inter_hhonrt_tab.xvm0podafq2ahdvuj02uauibev	INTEGER	#	The number of Load Based inter-system HHO decisions after measuring with compressed mode due to CapaReqRejRateDL >	Sum, nkcttbh, nkrttbh, tot

This edition applies to IBM® Tivoli® Netcool® Performance Manager for Wireless and to all subsequent releases and modifications until otherwise indicated in new editions.

				LHOcapaReqRejRateDL - by UEs with NRT connection.	
load_based_isho_meas_with_com_mod_due_to_capa_rejection_ul_for_nrt	nok_nkcel_inter_hhonrt_tab.xvm0pobafq2ahdvuj02uauibev	INTEGER	#	The number of Load Based inter-system HHO decisions after measuring with compressed mode due to CapaReqRejRateUL > LHOcapaReqRejRateUL - by UEs with NRT connection.	Sum, nkcttbh, nkrttbh, tot
load_based_isho_meas_with_com_mod_due_to_hw_or_logical_resource_limitation_for_nrt	nok_nkcel_inter_hhonrt_tab.xvm0pohafq2ahdvuj02uauibev	INTEGER	#	The number of Load Based inter-system HHO decisions after measuring with compressed mode due to HW or logical resource limitation - by UEs with NRT connection.	Sum, nkcttbh, nkrttbh, tot
load_based_isho_meas_with_com_mod_due_to_prxtotal_for_nrt	nok_nkcel_inter_hhonrt_tab.xvm0po4afq2ahdvuj02uauibev	INTEGER	#	The number of Load Based inter-system HHO decisions after measuring with compressed mode due to PrxTotal > PrxTarget + LHOpwrOffsetUL - by UEs with NRT connection.	Sum, nkcttbh, nkrttbh, tot
load_based_isho_meas_with_com_mod_due_to_ptxtotal_for_nrt	nok_nkcel_inter_hhonrt_tab.xvm0po6afq2ahdvuj02uauibev	INTEGER	#	The number of Load Based inter-system HHO decisions after measuring with compressed mode due to PtxTotal > PtxTarget + LHOpwrOffsetDL - by UEs with NRT connection.	Sum, nkcttbh, nkrttbh, tot

load_based_isho_meas_with_com_mod_due_to_reservation_rate_sc_for_nrt	nok_nkcel_inter_hhonrt_tab.xvm0pofafq2ahdvuj02uauibev	INTEGER	#	The number of Load Based inter-system HHO decisions after measuring with compressed mode due to ReservationRateSC > LHOresRateSC - by UEs with NRT connection.	Sum, nkcttbh, nkrttbh, tot
load_based_isho_meas_without_com_mod_due_to_capa_rejection_dl_for_nrt	nok_nkcel_inter_hhonrt_tab.y2lntm0afq2ahdvuj02uauibev	INTEGER	#	The number of Load Based inter-system HHO decisions after measuring without compressed mode due to CapaReqRejRateDL > LHOcapaReqRejRateDL - by UEs with NRT connection.	Sum, nkcttbh, nkrttbh, tot
load_based_isho_meas_without_com_mod_due_to_capa_rejection_ul_for_nrt	nok_nkcel_inter_hhonrt_tab.y2lntlxafq2ahdvuj02uauibev	INTEGER	#	The number of Load Based inter-system HHO decisions after measuring without compressed mode due to CapaReqRejRateUL > LHOcapaReqRejRateUL - by UEs with NRT connection.	Sum, nkcttbh, nkrttbh, tot
load_based_isho_meas_without_com_mod_due_to_hw_or_logical_resource_limitation_for_nrt	nok_nkcel_inter_hhonrt_tab.y2lntm4afq2ahdvuj02uauibev	INTEGER	#	The number of Load Based inter-system HHO decisions after measuring without compressed mode due to HW or logical resource limitation -	Sum, nkcttbh, nkrttbh, tot

				by UEs with NRT connection.	
load_based_isho_meas_without_com_mod_due_to_prxtotal_for_nrt	nok_nkcel_inter_hhonrt_tab.xvm0povafq2ahdvuj02uauibev	INTEGER	#	The number of Load Based inter-system HHO decisions after measuring without compressed mode due to PrxTotal > PrxTarget + LHOpwrOffsetUL - by UEs with NRT connection.	Sum, nkcttbh, nkrttbh, tot
load_based_isho_meas_without_com_mod_due_to_ptxtotal_for_nrt	nok_nkcel_inter_hhonrt_tab.y2lntlvafq2ahdvuj02uauibev	INTEGER	#	The number of Load Based inter-system HHO decisions after measuring without compressed mode due to PtxTotal > PtxTarget + LHOpwrOffsetDL - by UEs with NRT connection.	Sum, nkcttbh, nkrttbh, tot
load_based_isho_meas_without_com_mod_due_to_reservation_rate_sc_for_nrt	nok_nkcel_inter_hhonrt_tab.y2lntm2afq2ahdvuj02uauibev	INTEGER	#	The number of Load Based inter-system HHO decisions after measuring without compressed mode due to ReservationRateSC > LHOresRateSC - by UEs with NRT connection.	Sum, nkcttbh, nkrttbh, tot
nbr_of_not_sta_inter_syst_hho_bec_of_no_cell_good_enough_due_to_cpich_ecno_for_nrt	nok_nkcel_inter_hhonrt_tab.yxccigxahk26seccb00hw01qk4	INT8	#	When no neighbouring cell is good enough for inter system HHO for NRT, and the inter frequency measurement was triggered due to low measured CPICH Ec/No.	Sum, nkcttbh, nkrttbh, tot
nbr_of_not_sta_int	nok_nkcel_inter_hhonrt_ta	INT8	#	When no	Sum,

er_syst_hho_bec_of_no_cell_good_enough_due_to_cpich_rscp_for_nrt	b.yxbryo6ahk26seccb00hw01qk4			neighbouring cell is good enough for inter system HHO for NRT, and the inter frequency measurement was triggered due to low measured CPICH RSCP.	nkcttbh, nkrttbh, tot
nbr_of_not_sta_inter_syst_hho_bec_of_no_cell_good_enough_due_to_dl_dpch_for_nrt	nok_nkcel_inter_hhonrt_tab.yxbca6pahk26seccb00hw01qk4	INT8	#	When no neighbouring cell is good enough for inter system HHO for NRT, and the inter frequency measurement was triggered due to DL DPCH.	Sum, nkcttbh, nkrttbh, tot
nbr_of_not_sta_inter_syst_hho_bec_of_no_cell_good_enough_due_to_imsi_for_nrt	nok_nkcel_inter_hhonrt_tab.yxqdvltahk26seccb00hw01qk4	INT8	#	The number of times when an inter-frequency HHO measurement due to IMSI ends without making an inter-frequency HHO attempt, because no cell is good enough for inter- frequency HHO - for UEs with an NRT connection.	Sum, nkcttbh, nkrttbh, tot
nbr_of_not_sta_inter_syst_hho_bec_of_no_cell_good_enough_due_to_ue_tx_pwr_for_nrt	nok_nkcel_inter_hhonrt_tab.yxas4blahk26seccb00hw01qk4	INT8	#	When no neighbouring cell is good enough for inter system HHO for NRT, and the inter frequency measurement was triggered due to UE transmission power	Sum, nkcttbh, nkrttbh, tot

				approaches its maximum power capability.	
nbr_of_not_sta_inter_syst_hho_bec_of_no_cell_good_enough_due_to_ul_dch_qual_for_nrt	nok_nkcel_inter_hhonrt_tab.yxacnqpahk26seccb00hw01qk4	INT8	#	When no neighbouring cell is good enough for inter system HHO for NRT, and the inter frequency measurement was triggered by a quality deterioration report from outer loop power control.	Sum, nkcttbh, nkrttbh, tot
nbr_of_started_inter_syst_hho_meas_with_com_mod_due_imsi_for_nrt	nok_nkcel_inter_hhonrt_tab.yxpetkhahk26seccb00hw01qk4	INT8	#	The number of inter-system HHO decisions after measuring with compressed mode due to IMSI - by UEs with NRT connection. HC triggers the start of inter-system measurements for a UE due to the fact that Immediate IMSI based handover cause has triggered. The measurement is enabled by the parameter IMSIbasedGsmHo. For more information on the parameter, see WCDMA RAS05 Parameter Dictionary.	Sum, nkcttbh, nkrttbh, tot
nbr_of_started_inter_syst_hho_meas_with_com_mod_due_to_cpich_ecno_for_nrt	nok_nkcel_inter_hhonrt_tab.yx4ftjtahk26seccb00hw01qk4	INT8	#	Number of started inter system HHO measurements with compressed mode due to low measured CPICH Ec/No by the	Sum, nkcttbh, nkrttbh, tot

				UEs for NRT.	
nbr_of_started_inter_syst_hho_meas_with_com_mod_due_to_cpich_rscp_for_nrt	nok_nkcel_inter_hhonrt_tab.yx3wu0hahk26seccb00hw01qk4	INT8	#	Number of started inter system HHO measurements with compressed mode due to low measured CPICH RSCP by the UEs for NRT.	Sum, nkcttbh, nkrttbh, tot
nbr_of_started_inter_syst_hho_meas_with_com_mod_due_to_dl_dpch_for_nrt	nok_nkcel_inter_hhonrt_tab.yx3hr6hahk26seccb00hw01qk4	INT8	#	Number of started inter system HHO measurements with compressed mode due to DL DPCH by the UEs for NRT.	Sum, nkcttbh, nkrttbh, tot
nbr_of_started_inter_syst_hho_meas_with_com_mod_due_to_ue_tx_pwr_for_nrt	nok_nkcel_inter_hhonrt_tab.yx2ykxhahk26seccb00hw01qk4	INT8	#	Number of started inter system HHO measurements with compressed mode due to UE transmission power approaches its maximum power capability.	Sum, nkcttbh, nkrttbh, tot
nbr_of_started_inter_syst_hho_meas_with_com_mod_due_to_ul_dch_qual_for_nrt	nok_nkcel_inter_hhonrt_tab.yx2j6slahk26seccb00hw01qk4	INT8	#	Number of started inter system HHO measurements with compressed mode due to quality deterioration report from outer loop power control by the UEs for NRT.	Sum, nkcttbh, nkrttbh, tot
nbr_of_started_inter_syst_hho_meas_without_com_mod_due_to_cpich_ecno_for_nrt	nok_nkcel_inter_hhonrt_tab.yx6tbclahk26seccb00hw01qk4	INT8	#	Number of started inter system HHO measurements without compressed mode due to low measured CPICH Ec/	Sum, nkcttbh, nkrttbh, tot

				No by the UEs for NRT.	
nbr_of_started_inter_syst_hho_meas_without_com_mod_due_to_cpich_rscp_for_nrt	nok_nkcel_inter_hhonrt_tab.yx6dwp6ahk26seccb00hw01qk4	INT8	#	Number of started inter system HHO measurements without compressed mode due to low measured CPICH RSCP by the UEs for NRT.	Sum, nkcttbh, nkrttbh, tot
nbr_of_started_inter_syst_hho_meas_without_com_mod_due_to_dl_dpch_for_nrt	nok_nkcel_inter_hhonrt_tab.yx5unyhahk26seccb00hw01qk4	INT8	#	Number of started inter system HHO measurements without compressed mode due to DL DPCH by the UEs for NRT.	Sum, nkcttbh, nkrttbh, tot
nbr_of_started_inter_syst_hho_meas_without_com_mod_due_to_imsi_for_nrt	nok_nkcel_inter_hhonrt_tab.yxpuk5tahk26seccb00hw01qk4	INT8	#	The number of inter-system HHO decisions after measuring without compressed mode due to IMSI - by UEs with NRT connection. HC triggers the start of inter-system measurements for a UE due to the fact that Immediate IMSI based handover cause has triggered. The measurement is enabled by the parameter IMSIbasedGsmHo. For more information on the parameter, see WCDMA RAS05 Parameter Dictionary.	Sum, nkcttbh, nkrttbh, tot
nbr_of_started_inter_syst_hho_meas	nok_nkcel_inter_hhonrt_tab.yx5f3llahk26seccb00hw0	INT8	#	Number of started inter frequency HHO	Sum, nkcttbh,

_without_com_mod_due_to_ue_tx_pwr_for_nrt	1qk4			measurements without compressed mode due to UE transmission power approaches its maximum power capability.	nkrttbh, tot
nbr_of_started_inter_syst_hho_meas_without_com_mod_due_to_ul_dch_qual_for_nrt	nok_nkcel_inter_hhonrt_tab.yx4v3i2ahk26seccb00hw01qk4	INT8	#	Number of started inter system HHO measurements without compressed mode due to quality deterioration report from outer loop power control by the UEs for NRT.	Sum, nkcttbh, nkrttbh, tot
not_started_load_based_isho_because_no_cell_good_enough_due_to_capa_rejection_dl_for_nrt	nok_nkcel_inter_hhonrt_tab.y2lntmrafq2ahdvuj02uauibev	INTEGER	#	The number of times when an inter-system HHO measurement due to Load Based HO reason CapaReqRejRateDL > LHOcapaReqRejRateDL ends without making an inter-system HHO attempt, because no cell is good enough for inter-system HHO - for UEs with NRT connection.	Sum, nkcttbh, nkrttbh, tot
not_started_load_based_isho_because_no_cell_good_enough_due_to_capa_rejection_ul_for_nrt	nok_nkcel_inter_hhonrt_tab.y2lntmpafq2ahdvuj02uauibev	INTEGER	#	The number of times when an inter-system HHO measurement due to Load Based HO reason CapaReqRejRateUL >	Sum, nkcttbh, nkrttbh, tot

This edition applies to IBM® Tivoli® Netcool® Performance Manager for Wireless and to all subsequent releases and modifications until otherwise indicated in new editions.

				LHOcapaReqRejRateUL ends without making an inter-system HHO attempt, because no cell is good enough for inter-system HHO - for UEs with NRT connection.	
not_started_load_based_isho_because_no_cell_good_enough_due_to_prxtotal_for_nrt	nok_nkcel_inter_hhonrt_tab.y2lntmlafq2ahdvuj02uauibev	INTEGER	#	The number of times when an inter-system HHO measurement due to Load Based HO reason PrxTotal > PrxTarget + LHOpwrOffsetUL ends without making an inter- system HHO attempt, because no cell is good enough for inter-system HHO - for UEs with NRT connection.	Sum, nkcttbh, nkrttbh, tot
not_started_load_based_isho_because_no_cell_good_enough_due_to_ptxtotal_for_nrt	nok_nkcel_inter_hhonrt_tab.y2lntmnafq2ahdvuj02uauibev	INTEGER	#	The number of times when an inter-system HHO measurement due to Load Based HO reason PtxTotal > PtxTarget + LHOpwrOffsetDL ends without making an inter- system HHO attempt, because no cell is good enough for inter-system HHO - for UEs with NRT connection.	Sum, nkcttbh, nkrttbh, tot
not_started_load_based_isho_because_no_cell_good_enough_due_to_to_reservation_rate_sc	nok_nkcel_inter_hhonrt_tab.y2lntmtafq2ahdvuj02uauibev	INTEGER	#	The number of times when an inter-system HHO measurement due to Load Based HO reason	Sum, nkcttbh, nkrttbh, tot

_for_nrt				ReservationRateSC > LHOresRateSC ends without making an inter-system HHO attempt, because no cell is good enough for inter-system HHO - for UEs with NRT connection.	
not_started_load_based_isho_no_cell_good_enough_due_hw_or_logical_resource_limit_for_nrt	nok_nkcel_inter_hhonrt_tab.y2lntmvafq2ahdvuj02uauibev	INTEGER	#	The number of times when an inter-system HHO measurement due to Load Based HO reason HW or logical resource limitation ends without making an inter- system HHO attempt, because no cell is good enough for inter-system HHO - for UEs with NRT connection.	Sum, nkcttbh, nkrttbh, tot
not_started_service_based_isho_because_no_cell_good_enough_for_nrt	nok_nkcel_inter_hhonrt_tab.y2lntmxafq2ahdvuj02uauibev	INTEGER	#	The number of times when an inter-system HHO measurement due to Service Based ends without making an inter-system HHO attempt, because no cell is good enough for inter-system HHO - for UEs with NRT connection.	Sum, nkcttbh, nkrttbh, tot
rrc_connection_drops_during_inter_syst_ho_caused_by_cpich_ecno_for_nrt	nok_nkcel_inter_hhonrt_tab.yxmfxqtahk26seccb00hw01qk4	INT8	#	RRC connection drops during inter system hard handovers caused by low measured	Sum, nkcttbh, nkrttbh, tot

This edition applies to IBM® Tivoli® Netcool® Performance Manager for Wireless and to all subsequent releases and modifications until otherwise indicated in new editions.

				absolute CPICH Ec/ No for NRT.	
rrc_connection_drops_during_inter_syst_ho_caused_by_cpich_rscp_for_nrt	nok_nkcel_inter_hhonrt_tab.yxkfd0hahk26seccb00hw01qk4	INT8	#	RRC connection drops during inter system hard handovers caused by low measured absolute CPICH RSCP for NRT.	Sum, nkcttbh, nkrttbh, tot
rrc_connection_drops_during_inter_syst_ho_caused_by_dl_dpch_pwr_for_nrt	nok_nkcel_inter_hhonrt_tab.yxi3ofxahk26seccb00hw01qk4	INT8	#	RRC connection drops during inter system hard handovers caused by DL DPCH approaching maximum power capability for NRT.	Sum, nkcttbh, nkrttbh, tot
rrc_connection_drops_during_inter_syst_ho_caused_by_imsi_for_nrt	nok_nkcel_inter_hhonrt_tab.yxoug1tahk26seccb00hw01qk4	INT8	#	Number of RRC connection drops during inter- system handover caused by IMSI for NRT.	Sum, nkcttbh, nkrttbh, tot
rrc_connection_drops_during_inter_syst_ho_caused_by_ue_trx_pwr_for_nrt	nok_nkcel_inter_hhonrt_tab.yxg61yxahk26seccb00hw01qk4	INT8	#	RRC connection drops during inter system hard handovers caused by UE transmission power approaching maximum power capability for NRT.	Sum, nkcttbh, nkrttbh, tot
rrc_connection_drops_during_inter_syst_ho_caused_by_ul_dch_qual_for_nrt	nok_nkcel_inter_hhonrt_tab.yxebirhahk26seccb00hw01qk4	INT8	#	RRC connection drops during inter system hard handovers caused by UL DCH quality deterioration for NRT.	Sum, nkcttbh, nkrttbh, tot
rrc_connection_drops_during_isho_caused_by_hw_or_logical_resource_limitation_for_nrt	nok_nkcel_inter_hhonrt_tab.ybmrnjdafq2ahdvuj02uauibev	INTEGER	#	The number of RRC connection drops during Load Based inter-system handover due to HW	Sum, nkcttbh, nkrttbh, tot

				or logical resource limitation - by UEs with NRT connection.	
rrc_connection_drops_during_isho_caused_by_reservation_rate_sc_for_nrt	nok_nkcel_inter_hhonrt_tab.ybmrnjbafq2ahdvuj02uauibev	INTEGER	#	The number of RRC connection drops during Load Based inter-system handover due to ReservationRateSC > LHOresRateSC - by UEs with NRT connection.	Sum, nkcttbh, nkrttbh, tot
rrc_connection_drops_during_load_based_isho_caused_by_prxtotal_for_nrt	nok_nkcel_inter_hhonrt_tab.ybmrnj0afq2ahdvuj02uauibev	INTEGER	#	The number of RRC connection drops during Load Based inter-system handover due to PrxTotal > PrxTarget + LHOpwrOffsetUL - by UEs with NRT connection.	Sum, nkcttbh, nkrttbh, tot
rrc_connection_drops_during_load_based_isho_caused_by_ptxtotal_for_nrt	nok_nkcel_inter_hhonrt_tab.ybmrnj2afq2ahdvuj02uauibev	INTEGER	#	The number of RRC connection drops during Load Based inter-system handover due to PtxTotal > PtxTarget + LHOpwrOffsetDL - by UEs with NRT connection.	Sum, nkcttbh, nkrttbh, tot
rrc_connection_drops_during_service_based_isho_for_nrt	nok_nkcel_inter_hhonrt_tab.ybmrnjfafq2ahdvuj02uauibev	INTEGER	#	The number of RRC connection drops during Service Based inter-system handover - by UEs with NRT connection.	Sum, nkcttbh, nkrttbh, tot

This edition applies to IBM® Tivoli® Netcool® Performance Manager for Wireless and to all subsequent releases and modifications until otherwise indicated in new editions.

rrc_connection_drops_isho_caused_by_capa_rejection_dl_for_nrt	nok_nkcel_inter_hhonrt_tab.ybmrnj6afq2ahdvuj02uauibev	INTEGER	#	The number of RRC connection drops during Load Based inter-system handover due to CapaReqRejRateDL > LHOcapaReqRejRateDL - by UEs with NRT connection.	Sum, nkcttbh, nkrttbh, tot
rrc_connection_drops_isho_caused_by_capa_rejection_ul_for_nrt	nok_nkcel_inter_hhonrt_tab.ybmrnj4afq2ahdvuj02uauibev	INTEGER	#	The number of RRC connection drops during Load Based inter-system handover due to CapaReqRejRateUL > LHOcapaReqRejRateUL - by UEs with NRT connection.	Sum, nkcttbh, nkrttbh, tot
service_based_isho_attempts_for_nrt	nok_nkcel_inter_hhonrt_tab.y2lntnpafq2ahdvuj02uauibev	INTEGER	#	The number of Service Based inter-system handover attempts - by UEs with NRT connection.	Sum, nkcttbh, nkrttbh, tot
service_based_isho_meas_with_com_mod_for_nrt	nok_nkcel_inter_hhonrt_tab.xvm0pojafq2ahdvuj02uauibev	INTEGER	#	The number of Service Based inter-system HHO decisions after measuring with compressed mode - by UEs with NRT connection.	Sum, nkcttbh, nkrttbh, tot
service_based_isho_meas_without_com_mod_for_nrt	nok_nkcel_inter_hhonrt_tab.y2lntm6afq2ahdvuj02uauibev	INTEGER	#	The number of Service Based inter-system HHO decisions after measuring without compressed mode - by UEs with NRT connection.	Sum, nkcttbh, nkrttbh, tot
successful_inter_s	nok_nkcel_inter_hhonrt_ta	INT8	#	Successful inter	Sum,

ystem_handovers_caused_by_cpich_ecno_for_nrt	b.yxle24xahk26seccb00hw01qk4			system hard handovers caused by low measured absolute CPICH Ec/No for NRT.	nkcttbh, nkrttbh, tot
successful_inter_system_handovers_caused_by_cpich_rscp_for_nrt	nok_nkcel_inter_hhonrt_tab.yxjgallahk26seccb00hw01qk4	INT8	#	Successful inter system hard handovers caused by low measured absolute CPICH RSCP for NRT.	Sum, nkcttbh, nkrttbh, tot
successful_inter_system_handovers_caused_by_dl_dpch_pwr_for_nrt	nok_nkcel_inter_hhonrt_tab.yxh4q2dahk26seccb00hw01qk4	INT8	#	Successful inter system hard handovers caused by DL DPCH approaching maximum power capability for NRT.	Sum, nkcttbh, nkrttbh, tot
successful_inter_system_handovers_caused_by_imsi_for_nrt	nok_nkcel_inter_hhonrt_tab.yxneps6ahk26seccb00hw01qk4	INT8	#	Number of successful inter-system handovers caused by IMSI for NRT.	Sum, nkcttbh, nkrttbh, tot
successful_inter_system_handovers_caused_by_ue_trx_pwr_for_nrt	nok_nkcel_inter_hhonrt_tab.yxfagxpahk26seccb00hw01qk4	INT8	#	Successful inter system hard handovers caused by UE transmission power approaching maximum power capability for NRT.	Sum, nkcttbh, nkrttbh, tot
successful_inter_system_handovers_caused_by_ul_dch_qual_for_nrt	nok_nkcel_inter_hhonrt_tab.yxdc0atahk26seccb00hw01qk4	INT8	#	Successful inter system hard handovers caused by UL DCH quality deterioration for NRT.	Sum, nkcttbh, nkrttbh, tot
successful_isho_ca	nok_nkcel_inter_hhonrt_ta	INTEG	#	The number of	Sum,

used_by_capa_rejection_dl_for_nrt	b.y2lntobafq2ahdvuj02uauibev	ER		successful Load Based inter-system handover due to CapaReqRejRateDL > LHOcapaReqRejRateDL - by UEs with NRT connection.	nkcttbh, nkrttbh, tot
successful_isho_caused_by_capa_rejection_ul_for_nrt	nok_nkcel_inter_hhonrt_tab.y2lnto6afq2ahdvuj02uauibev	INTEGER	#	The number of successful Load Based inter-system handover due to CapaReqRejRateUL > LHOcapaReqRejRateUL - by UEs with NRT connection.	Sum, nkcttbh, nkrttbh, tot
successful_isho_caused_by_hw_or_logical_resource_limitation_for_nrt	nok_nkcel_inter_hhonrt_tab.y2lntofafq2ahdvuj02uauibev	INTEGER	#	The number of successful Load Based inter-system handover due to HW or logical resource limitation - by UEs with NRT connection.	Sum, nkcttbh, nkrttbh, tot
successful_isho_caused_by_reservation_rate_sc_for_nrt	nok_nkcel_inter_hhonrt_tab.y2lntodafq2ahdvuj02uauibev	INTEGER	#	The number of successful Load Based inter-system handover due to ReservationRateSC > LHOresRateSC - by UEs with NRT connection.	Sum, nkcttbh, nkrttbh, tot
successful_load_based_isho_caused_by_prxtotal_for_nrt	nok_nkcel_inter_hhonrt_tab.y2lnto2afq2ahdvuj02uauibev	INTEGER	#	The number of successful Load Based inter-system handover due to PrxTotal > PrxTarget + LHOpwrOffsetUL - by UEs with NRT connection.	Sum, nkcttbh, nkrttbh, tot
successful_load_based_isho_caused_	nok_nkcel_inter_hhonrt_tab.y2lnto4afq2ahdvuj02uaui	INTEGER	#	The number of successful Load	Sum, nkcttbh,

by_ptxtotal_for_nrt	bev			Based inter-system handover due to PtxTotal > PtxTarget + LHOpwrOffsetDL - by UEs with NRT connection.	nkrttbh, tot
successful_service_based_isho_for_nrt	nok_nkcel_inter_hhonrt_tab.y2lntohafq2ahdvuj02uauibev	INTEGER	#	The number of successful Service Based inter-system handover - by UEs with NRT connection.	Sum, nkcttbh, nkrttbh, tot
ue_is_not_able_to_execute_inter_system_hho_for_nrt	nok_nkcel_inter_hhonrt_tab.yx1efatahk26seccb00hw01qk4	INT8	#	UE is not able to execute an inter system HHO for NRT.	Sum, nkcttbh, nkrttbh, tot
unsuccessful_inter_system_handovers_caused_by_cpich_ecno_for_nrt	nok_nkcel_inter_hhonrt_tab.yxlthixahk26seccb00hw01qk4	INT8	#	Unsuccessful inter system hard handovers caused by low measured absolute CPICH Ec/No for NRT.	Sum, nkcttbh, nkrttbh, tot
unsuccessful_inter_system_handovers_caused_by_cpich_rscp_for_nrt	nok_nkcel_inter_hhonrt_tab.yxjvvvhahk26seccb00hw01qk4	INT8	#	Unsuccessful inter system hard handovers caused by low measured absolute CPICH RSCP for NRT.	Sum, nkcttbh, nkrttbh, tot
unsuccessful_inter_system_handovers_caused_by_dl_dpch_pwr_for_nrt	nok_nkcel_inter_hhonrt_tab.yxhn2ptahk26seccb00hw01qk4	INT8	#	Unsuccessful inter frequency hard handovers caused by DL DPCH approaching maximum power capability for NRT.	Sum, nkcttbh, nkrttbh, tot
unsuccessful_inter_system_handover	nok_nkcel_inter_hhonrt_tab.yxnuevtahk26seccb00hw	INT8	#	Number of unsuccessful inter-	Sum, nkcttbh,

s_caused_by_imsi_for_nrt	01qk4			system handovers caused by IMSI for NRT. --- If the UE fails to establish the physical channel(s) indicated in the handover command, the UE will revert to the configuration prior to the reception of the handover command (old configuration) and transmit a failure message to the source RNC. The hard handover procedure ends and the UE resumes the normal operation as if no hard handover attempt had occurred.	nkrttbh, tot
unsuccessful_inter_system_handovers_caused_by_ue_trx_pwr_for_nrt	nok_nkcel_inter_hhonrt_tab.yxfpsuxahk26seccb00hw01qk4	INT8	#	Unsuccessful inter system hard handovers caused by UE transmission power approaching maximum power capability for NRT.	Sum, nkcttbh, nkrttbh, tot
unsuccessful_inter_system_handovers_caused_by_ul_dch_qual_for_nrt	nok_nkcel_inter_hhonrt_tab.yxds0l6ahk26seccb00hw01qk4	INT8	#	Unsuccessful inter system hard handovers caused by UL DCH quality deterioration for NRT.	Sum, nkcttbh, nkrttbh, tot
unsuccessful_isho_caused_by_capa_rejection_dl_for_nrt	nok_nkcel_inter_hhonrt_tab.y2lntp0afq2ahdvuj02uauibev	INTEGER	#	The number of unsuccessful Load Based inter-system handovers due to CapaReqRejRateDL > LHOcapaReqRejRateDL - by UEs with NRT connection. ---	Sum, nkcttbh, nkrttbh, tot

				If the UE fails to establish the physical channel(s) indicated in the handover command, the UE will revert to the configuration prior to the reception of the handover command (old configuration) and transmit a failure message to the source RNC. The hard handover procedure ends and the UE resumes the normal operation as if no hard handover attempt had occurred.	
unsuccessful_isho_caused_by_capa_rejection_ul_for_nrt	nok_nkcel_inter_hhonrt_tab.y2lntoxafq2ahdvuj02uauibev	INTEGER	#	The number of unsuccessful Load Based inter-system handovers due to CapaReqRejRateUL > LHOcapaReqRejRateUL - by UEs with NRT connection. --- If the UE fails to establish the physical channel(s) indicated in the handover command, the UE will revert to the configuration prior to the reception of the handover command (old configuration) and transmit a failure message to the	Sum, nkcttbh, nkrttbh, tot

				source RNC. The hard handover procedure ends and the UE resumes the normal operation as if no hard handover attempt had occurred.	
unsuccessful_isho_caused_by_hw_or_logical_resource_limitation_for_nrt	nok_nkcel_inter_hhonrt_tab.y2lntp4afq2ahdvuj02uauibev	INTEGER	#	The number of unsuccessful Load Based inter-system handovers due to HW or logical resource limitation - by UEs with NRT connection. --- If the UE fails to establish the physical channel(s) indicated in the handover command, the UE will revert to the configuration prior to the reception of the handover command (old configuration) and transmit a failure message to the source RNC. The hard handover procedure ends and the UE resumes the normal operation as if no hard handover attempt had occurred.	Sum, nkcttbh, nkrttbh, tot
unsuccessful_isho_caused_by_reservation_rate_sc_for_nrt	nok_nkcel_inter_hhonrt_tab.y2lntp2afq2ahdvuj02uauibev	INTEGER	#	The number of unsuccessful Load Based inter-system handovers due to ReservationRateSC > LHOresRateSC - by UEs with NRT connection. --- If the UE fails to establish the physical channel(s) indicated	Sum, nkcttbh, nkrttbh, tot

				in the handover command, the UE will revert to the configuration prior to the reception of the handover command (old configuration) and transmit a failure message to the source RNC. The hard handover procedure ends and the UE resumes the normal operation as if no hard handover attempt had occurred.	
unsuccessful_load_based_isho_caused_by_prxtotal_for_nrt	nok_nkcel_inter_hhonrt_tab.y2lntotafq2ahdvuj02uauibev	INTEGER	#	The number of unsuccessful Load Based inter-system handovers due to PrxTotal > PrxTarget + LHOpwrOffsetUL - by UEs with NRT connection. --- If the UE fails to establish the physical channel(s) indicated in the handover command, the UE will revert to the configuration prior to the reception of the handover command (old configuration) and transmit a failure message to the source RNC. The hard handover procedure ends and the UE resumes the	Sum, nkcttbh, nkrttbh, tot

				normal operation as if no hard handover attempt had occurred.	
unsuccessful_load_based_isho_caused_by_ptxtotal_for_nrt	nok_nkcel_inter_hhonrt_tab.y2lntovafq2ahdvuj02uauibev	INTEGER	#	The number of unsuccessful Load Based inter-system handovers due to PtxTotal > PtxTarget + LHOpwrOffsetDL - by UEs with NRT connection. --- If the UE fails to establish the physical channel(s) indicated in the handover command, the UE will revert to the configuration prior to the reception of the handover command (old configuration) and transmit a failure message to the source RNC. The hard handover procedure ends and the UE resumes the normal operation as if no hard handover attempt had occurred.	Sum, nkcttbh, nkrttbh, tot
unsuccessful_service_based_isho_for_nrt	nok_nkcel_inter_hhonrt_tab.y2lntp6afq2ahdvuj02uauibev	INTEGER	#	The number of unsuccessful Service Based inter-system handovers - by UEs with NRT connection. --- If the UE fails to establish the physical channel(s) indicated in the handover command, the UE will revert to the configuration prior to the reception of the handover command	Sum, nkcttbh, nkrttbh, tot

				(old configuration) and transmit a failure message to the source RNC. The hard handover procedure ends and the UE resumes the normal operation as if no hard handover attempt had occurred.	

6.6.24 Cell.Nokia.UMTS.intersys_hho_rt

RT inter-system handover statistics

KPI Name	Expression	Data Type	Units	Description	Aggregation
_%_inter_system_hho_cs_rt_success	100 * {inter_system_hho_cs_rt_success}/ {inter_system_hho_cs_rt_attempts}	FLOAT	%	Success rate for inter-system handovers for calls with CS RT RABs.	Average, avg, nkcttbh, nkrttbh
_%_inter_system_hho_ps_rt_success	100 * {inter_system_hho_ps_rt_success}/ {inter_system_hho_ps_rt_attempts}	FLOAT	%	Success rate for inter-system handovers for calls with PS RT RABs.	Average, avg, nkcttbh, nkrttbh
_%_inter_system_hho_rt_dropped	100 * ({rrc_connection_drops_during_inter_syst_ho_caused_by_ul_dch_qual_for_rt}+ {rrc_connection_drops_during_inter_syst_ho_caused_by_ue_trx_pwr_for_rt}+ {rrc_connection_drops_during_inter_syst_ho_caused_by_dl_dpch_pwr_for_rt}+ {rrc_connection_drops_during_inter_syst_ho_caused_	FLOAT	%	Percentage number of inter system handover which results in call dropped for rt service connection.	Average, avg, nkcttbh, nkrttbh

	by_cpich_rscp_for_rt}+ {rrc_connection_drops_during_inter_syst_ho_caused_by_cpich_ecno_for_rt}+ {rrc_connection_drops_during_inter_syst_ho_caused_by_imsi_for_rt})/ ({inter_system_ho_attempts_caused_by_ul_dch_qual_for_rt}+ {inter_system_ho_attempts_caused_by_ue_trx_pwr_for_rt}+ {inter_system_ho_attempts_caused_by_dl_dpch_pwr_for_rt}+ {inter_system_ho_attempts_caused_by_cpich_rscp_for_rt}+ {inter_system_ho_attempts_caused_by_cpich_ecno_for_rt}+ {inter_system_ho_attempts_caused_by_imsi_for_rt})				
_%_inter_system_hho_rt_success	100 * ({successful_inter_system_handovers_caused_by_ul_dch_qual_for_rt}+ {successful_inter_system_handovers_caused_by_ue_trx_pwr_for_rt}+ {successful_inter_system_handovers_caused_by_dl_dpch_pwr_for_rt}+ {successful_inter_system_handovers_caused_by_cpich_rscp_for_rt}+ {successful_inter_system_handovers_caused_by_cpich_ecno_for_rt}+ {successful_inter_system_handovers_caused_by_imsi_for_rt})/ ({inter_system_ho_attempts_caused_by_ul_dch_qual_	FLOAT	%	Percentage number of inter system handover successful for rt service connection.	Average, avg, nkcttbh, nkrttbh

	for_rt}+ {inter_system_ho_attempts_caused_by_ue_trx_pwr_for_rt}+ {inter_system_ho_attempts_caused_by_dl_dpch_pwr_for_rt}+ {inter_system_ho_attempts_caused_by_cpich_rscp_for_rt}+ {inter_system_ho_attempts_caused_by_cpich_ecno_for_rt}+ {inter_system_ho_attempts_caused_by_imsi_for_rt})				
_%_inter_system_hho_rt_unsuccess	100 * ({unsuccessful_inter_system_handovers_caused_by_ul_dch_qual_for_rt}+ {unsuccessful_inter_system_handovers_caused_by_ue_trx_pwr_for_rt}+ {unsuccessful_inter_system_handovers_caused_by_dl_dpch_pwr_for_rt}+ {unsuccessful_inter_system_handovers_caused_by_cpich_rscp_for_rt}+ {unsuccessful_inter_system_handovers_caused_by_cpich_ecno_for_rt}+ {unsuccessful_inter_system_handovers_caused_by_imsi_for_rt}+ {utran_is_not_able_to_execute_inter_system_hho_for_rt}+ {ue_is_not_able_to_execute_inter_system_hho_for_rt})/	FLOAT	%	Percentage number of inter system handover not successful for rt service connection.	Average, avg, nkcttbh, nkrttbh

This edition applies to IBM® Tivoli® Netcool® Performance Manager for Wireless and to all subsequent releases and modifications until otherwise indicated in new editions.

	({inter_system_ho_attempts_caused_by_ul_dch_qual_for_rt}+ {inter_system_ho_attempts_caused_by_ue_trx_pwr_for_rt}+ {inter_system_ho_attempts_caused_by_dl_dpch_pwr_for_rt}+ {inter_system_ho_attempts_caused_by_cpich_rscp_for_rt}+ {inter_system_ho_attempts_caused_by_cpich_ecno_for_rt}+ {inter_system_ho_attempts_caused_by_imsi_for_rt})				
_%_successful_inter_syst_hard_handovers_caused_by_directed_emergency_call	100 * {successful_inter_syst_hard_handovers_caused_by_directed_emergency_call}/ {inter_syst_hho_attempts_caused_by_directed_emergency_call}	FLOAT	%	Success rate for Directed Emergency Call inter-system handovers.	Average, avg, nkcttbh, nkrttbh
_%_successful_inter_system_handovers_caused_by_imsi_for_rt	100 * {successful_inter_system_handovers_caused_by_imsi_for_rt}/ {inter_system_ho_attempts_caused_by_imsi_for_rt}	FLOAT	%	Success rate for inter-system handovers caused by IMSI for RT.	Average, avg, nkcttbh, nkrttbh
_%_successful_inter_system_handovers_caused_by_wps_for_rt	100 * {successful_inter_system_handovers_caused_by_wps_for_rt}/ {inter_system_ho_attempts_caused_by_wps_for_rt}	FLOAT	%	The percentage of successful inter-system handovers caused by Wireless Priority Service.	Average, avg, nkcttbh, nkrttbh
_%_successful_isho_caused_by_capa_rejection_dl_for_rt	100 * {successful_isho_caused_by_capa_rejection_dl_for_rt}/ {load_based_isho_attempts_caused_by_capa_rejection_dl_for_rt}	FLOAT	%	The percentage of successful Load Based inter-system handovers due to CapaReqRejRateDL more than LHOCapaReqRejRat	Average, avg, nkcttbh, nkrttbh

				eDL - by UEs with RT connection.	
_%_successful_isho_caused_by_capa_rejection_ul_for_rt	100 * {successful_isho_caused_by_capa_rejection_ul_for_rt}/ {load_based_isho_attempts_caused_by_capa_rejection_ul_for_rt}	FLOAT	%	The percentage of successful Load Based inter-system handovers due to CapaReqRejRateUL more than LHOcapaReqRejRateUL - by UEs with RT connection.	Average, avg, nkcttbh, nkrttbh
canc_isho_add_rt	nok_nkcel_inter_hhort_tab.xdrxavjdmm2aicsd002uaxybdk	INTEGER	#	The number of inter-system HHO measurements cancelled due to Active Set Update caused by Cell Addition for UEs with RT connection.	Sum, nkcttbh, nkrttbh, tot
canc_isho_cpich_ecno_rt	nok_nkcel_inter_hhort_tab.xdrxavbdmm2aicsd002uaxybdk	INTEGER	#	The number of inter-system HHO measurements cancelled due to CPICH EcNo for UEs with RT connection.	Sum, nkcttbh, nkrttbh, tot
canc_isho_cpich_rscp_rt	nok_nkcel_inter_hhort_tab.xdrxavddmm2aicsd002uaxybdk	INTEGER	#	The number of inter-system HHO measurements cancelled due to CPICH RSCP for UEs with RT connection.	Sum, nkcttbh, nkrttbh, tot
canc_isho_dl_dpch_rt	nok_nkcel_inter_hhort_tab.xdrxavhdmm2aicsd002uaxybdk	INTEGER	#	The number of inter-system HHO measurements cancelled due to DL DPCH Power for	Sum, nkcttbh, nkrttbh, tot

				UEs with RT connection.	
canc_isho_repl_rt	nok_nkcel_inter_hhort_tab.xdrxavldmm2aicsd002uaxybdk	INTEGER	#	The number of inter-system HHO measurements cancelled due to Active Set Update caused by Cell Replacement for UEs with RT connection.	Sum, nkcttbh, nkrttbh, tot
canc_isho_tx_pwr_rt	nok_nkcel_inter_hhort_tab.xdrxavfdmm2aicsd002uaxybdk	INTEGER	#	The number of inter-system HHO measurements cancelled due to UE Tx Power for UEs with RT connection.	Sum, nkcttbh, nkrttbh, tot
inter_syst_hho_attempts_caused_by_directed_emergency_call	nok_nkcel_inter_hhort_tab.yyn0nhpahk26seccb00hw01qk4	INT8	#	Number of Directed Emergency Call inter-system handover attempts.	Sum, nkcttbh, nkrttbh, tot
inter_system_compr_mode_start_not_possible_for_rt	nok_nkcel_inter_hhort_tab.yxrs05lahk26seccb00hw01qk4	INT8	#	Compressed mode start not possible for RT. When an inter system HHO measurement can't be activated because compressed mode can't be started.	Sum, nkcttbh, nkrttbh, tot
inter_system_hho_cs_rt_attempts	nok_nkcel_inter_hhort_tab.yyiinftahk26seccb00hw01qk4	INT8	#	Number of inter-system HHO attempts for calls with CS RT RABs. Only the SRNC can update the counter. This counter is updated in the cell that is the best cell in the active set on the SRNC side when the RNC starts the HHO attempt.	Sum, nkcttbh, nkrttbh, tot

inter_system_hho_cs_rt_success	nok_nkcel_inter_hhort_tab.yyjhwyhahk26seccb00hw01qk4	INT8	#	Number of successful inter-system handovers for calls with CS RT RABs. Only the SRNC can update the counter. This counter is updated in the cell that is the best cell in the active set on the SRNC side when the RNC starts the HHO attempt.	Sum, nkcttbh, nkrttbh, tot
inter_system_hho_ps_rt_attempts	nok_nkcel_inter_hhort_tab.yyiybddahk26seccb00hw01qk4	INT8	#	Number of inter-system HHO attempts for calls with PS RT RABs. Only the SRNC can update the counter. This counter is updated in the cell that is the best cell in the active set on the SRNC side when the RNC starts the HHO attempt.	Sum, nkcttbh, nkrttbh, tot
inter_system_hho_ps_rt_success	nok_nkcel_inter_hhort_tab.yyjxuapahk26seccb00hw01qk4	INT8	#	Number of successful inter-system handovers for calls with PS RT RABs. Only the SRNC can update the counter. This counter is updated in the cell that is the best cell in the active set on the SRNC side when the RNC starts the HHO attempt.	Sum, nkcttbh, nkrttbh, tot

This edition applies to IBM® Tivoli® Netcool® Performance Manager for Wireless and to all subsequent releases and modifications until otherwise indicated in new editions.

inter_system_ho_attempts_caused_by_cpich_ecno_for_rt	nok_nkcel_inter_hhort_tab.yybhb4xahk26seccb00hw01qk4	INT8	#	Inter system HHO attempts caused by low measured absolute CPICH Ec/No for RT.	Sum, nkcttbh, nkrttbh, tot
inter_system_ho_attempts_caused_by_cpich_rscp_for_rt	nok_nkcel_inter_hhort_tab.yy6j5vdahk26seccb00hw01qk4	INT8	#	Inter system HHO attempts caused by low measured absolute CPICH RSCP for RT.	Sum, nkcttbh, nkrttbh, tot
inter_system_ho_attempts_caused_by_dl_dpch_pwr_for_rt	nok_nkcel_inter_hhort_tab.yy4juftahk26seccb00hw01qk4	INT8	#	Inter system HHO attempts caused by DL DPCH approaching maximum power capability for RT.	Sum, nkcttbh, nkrttbh, tot
inter_system_ho_attempts_caused_by_imsi_for_rt	nok_nkcel_inter_hhort_tab.yyek0l2ahk26seccb00hw01qk4	INT8	#	Number of inter-system handover attempts caused by IMSI for RT.	Sum, nkcttbh, nkrttbh, tot
inter_system_ho_attempts_caused_by_ue_trx_pwr_for_rt	nok_nkcel_inter_hhort_tab.yy2ll3tahk26seccb00hw01qk4	INT8	#	Inter system HHO attempts caused by UE transmission power approaching maximum power capability for RT.	Sum, nkcttbh, nkrttbh, tot
inter_system_ho_attempts_caused_by_ul_dch_qual_for_rt	nok_nkcel_inter_hhort_tab.yy0nt5tahk26seccb00hw01qk4	INT8	#	Inter system HHO attempts caused by UL DCH quality deterioration for RT.	Sum, nkcttbh, nkrttbh, tot
inter_system_ho_attempts_caused_by_wps_for_rt	nok_nkcel_inter_hhort_tab.ugpugvp1im2ahsxr0035xkcuai	INTEGER	#	The number of inter-system handover attempts caused by Wireless Priority Service.	Sum, nkcttbh, nkrttbh, tot
isho_decisions_after_comp_mode_meas_due_to_emergency_call	nok_nkcel_inter_hhort_tab.yyli0b6ahk26seccb00hw01qk4	INT8	#	The number of inter-system HHO decisions after measurements with the compressed mode due to an	Sum, nkcttbh, nkrttbh, tot

				emergency call - by UEs with the RT connection.	
isho_decisions_after_meas_without_comp_mode_due_to_emergency_call	nok_nkcel_inter_hhort_tab.yylyhmxahk26seccb00hw01qk4	INT8	#	The number of inter-system HHO decisions after measuring without compressed mode due to emergency call - by UEs with an RT connection.	Sum, nkcttbh, nkrttbh, tot
load_based_isho_attempts_caused_by_capa_rejection_dl_for_rt	nok_nkcel_inter_hhort_tab.ugpugwh1im2ahsxr0035xkcuai	INTEGER	#	The number of Load Based inter-system handover attempts due to CapaReqRejRateDL more than LHOCapaReqRejRateDL - by UEs with RT connection.	Sum, nkcttbh, nkrttbh, tot
load_based_isho_attempts_caused_by_capa_rejection_ul_for_rt	nok_nkcel_inter_hhort_tab.ugpugwf1im2ahsxr0035xkcuai	INTEGER	#	The number of Load Based inter-system handover attempts due to CapaReqRejRateUL more than LHOcapaReqRejRateUL - by UEs with RT connection.	Sum, nkcttbh, nkrttbh, tot
load_based_isho_attempts_caused_by_hw_or_logical_resource_limitation_for_rt	nok_nkcel_inter_hhort_tab.y2lntn6afq2ahdvuj02uauibev	INTEGER	#	The number of Load Based inter-system handover attempts due to HW or logical resource limitation - by UEs with RT connection.	Sum, nkcttbh, nkrttbh, tot
load_based_isho_attempts_caused_by	nok_nkcel_inter_hhort_tab.y2lntn0afq2ahdvuj02uauib	INTEGER	#	The number of Load Based inter-system	Sum, nkcttbh,

_prxtotal_for_rt	ev			handover attempts due to PrxTotal > PrxTarget + LHOpwrOffsetUL - by UEs with RT connection.	nkrttbh, tot
load_based_isho_attempts_caused_by_ptxtotal_for_rt	nok_nkcel_inter_hhort_tab.y2lntn2afq2ahdvuj02uauibev	INTEGER	#	The number of Load Based inter-system handover attempts due to PtxTotal > PtxTarget + LHOpwrOffsetDL - by UEs with RT connection.	Sum, nkcttbh, nkrttbh, tot
load_based_isho_attempts_caused_by_reservation_rate_sc_for_rt	nok_nkcel_inter_hhort_tab.y2lntn4afq2ahdvuj02uauibev	INTEGER	#	The number of Load Based inter-system handover attempts due to ReservationRateSC > LHOresRateSC - by UEs with RT connection.	Sum, nkcttbh, nkrttbh, tot
load_based_isho_meas_with_com_mod_due_to_capa_rejection_dl_for_rt	nok_nkcel_inter_hhort_tab.ugpugw21im2ahsxr0035xkcuai	INTEGER	#	The number of Load Based inter-system HHO decisions after measuring with compressed mode due to CapaReqRejRateDL more than LHOCapaReqRejRateDL - by UEs with RT connection.	Sum, nkcttbh, nkrttbh, tot
load_based_isho_meas_with_com_mod_due_to_capa_rejection_ul_for_rt	nok_nkcel_inter_hhort_tab.ugpugw01im2ahsxr0035xkcuai	INTEGER	#	The number of Load Based inter-system HHO decisions after measuring with compressed mode due to CapaReqRejRateUL more than LHOcapaReqRejRateUL - by UEs with	Sum, nkcttbh, nkrttbh, tot

				RT connection.	
load_based_isho_meas_with_com_mod_due_to_hw_or_logical_resource_limitation_for_rt	nok_nkcel_inter_hhort_tab.xvm0po0afq2ahdvuj02uauibev	INTEGER	#	The number of Load Based inter-system HHO decisions after measuring with compressed mode due to HW or logical resource limitation - by UEs with RT connection.	Sum, nkcttbh, nkrttbh, tot
load_based_isho_meas_with_com_mod_due_to_prxtotal_for_rt	nok_nkcel_inter_hhort_tab.xvm0pntafq2ahdvuj02uauibev	INTEGER	#	The number of Load Based inter-system HHO decisions after measuring with compressed mode due to PrxTotal > PrxTarget + LHOpwrOffsetUL - by UEs with RT connection.	Sum, nkcttbh, nkrttbh, tot
load_based_isho_meas_with_com_mod_due_to_ptxtotal_for_rt	nok_nkcel_inter_hhort_tab.xvm0pnvafq2ahdvuj02uauibev	INTEGER	#	The number of Load Based inter-system HHO decisions after measuring with compressed mode due to PtxTotal > PtxTarget + LHOpwrOffsetDL - by UEs with RT connection.	Sum, nkcttbh, nkrttbh, tot
load_based_isho_meas_with_com_mod_due_to_reservation_rate_sc_for_rt	nok_nkcel_inter_hhort_tab.xvm0pnxafq2ahdvuj02uauibev	INTEGER	#	The number of Load Based inter-system HHO decisions after measuring with compressed mode due to ReservationRateSC > LHOresRateSC -	Sum, nkcttbh, nkrttbh, tot

This edition applies to IBM® Tivoli® Netcool® Performance Manager for Wireless and to all subsequent releases and modifications until otherwise indicated in new editions.

				by UEs with RT connection.	
load_based_isho_meas_without_com_mod_due_to_capa_rejection_dl_for_rt	nok_nkcel_inter_hhort_tab.ugpugw61im2ahsxr0035xkcuai	INTEGER	#	The number of Load Based inter-system HHO decisions after measuring without compressed mode due to CapaReqRejRateDL more than LHOCapaReqRejRateDL - by UEs with RT connection.	Sum, nkcttbh, nkrttbh, tot
load_based_isho_meas_without_com_mod_due_to_capa_rejection_ul_for_rt	nok_nkcel_inter_hhort_tab.ugpugw41im2ahsxr0035xkcuai	INTEGER	#	The number of Load Based inter-system HHO decisions after measuring without compressed mode due to CapaReqRejRateUL more than LHOcapaReqRejRateUL - by UEs with RT connection.	Sum, nkcttbh, nkrttbh, tot
load_based_isho_meas_without_com_mod_due_to_hw_or_logical_resource_limitation_for_rt	nok_nkcel_inter_hhort_tab.xvm0porafq2ahdvuj02uauibev	INTEGER	#	The number of Load Based inter-system HHO decisions after measuring without compressed mode due to HW or logical resource limitation - by UEs with RT connection.	Sum, nkcttbh, nkrttbh, tot
load_based_isho_meas_without_com_mod_due_to_prxtotal_for_rt	nok_nkcel_inter_hhort_tab.xvm0polafq2ahdvuj02uauibev	INTEGER	#	The number of Load Based inter-system HHO decisions after measuring without compressed mode due to PrxTotal > PrxTarget + LHOpwrOffsetUL - by UEs with RT connection.	Sum, nkcttbh, nkrttbh, tot

load_based_isho_meas_without_com_mod_due_to_ptxtotal_for_rt	nok_nkcel_inter_hhort_tab.xvm0ponafq2ahdvuj02uauibev	INTEGER	#	The number of Load Based inter-system HHO decisions after measuring without compressed mode due to PtxTotal > PtxTarget + LHOpwrOffsetDL - by UEs with RT connection.	Sum, nkcttbh, nkrttbh, tot
load_based_isho_meas_without_com_mod_due_to_reservation_rate_sc_for_rt	nok_nkcel_inter_hhort_tab.xvm0popafq2ahdvuj02uauibev	INTEGER	#	The number of Load Based inter-system HHO decisions after measuring without compressed mode due to ReservationRateSC > LHOresRateSC - by UEs with RT connection.	Sum, nkcttbh, nkrttbh, tot
nbr_of_not_sta_inter_syst_hho_bec_of_no_cell_good_enough_due_to_cpich_ecno_for_rt	nok_nkcel_inter_hhort_tab.yy05e3dahk26seccb00hw01qk4	INT8	#	When no neighbouring cell is good enough for inter system HHO for RT, and the inter frequency measurement was triggered due to low measured CPICH Ec/No.	Sum, nkcttbh, nkrttbh, tot
nbr_of_not_sta_inter_syst_hho_bec_of_no_cell_good_enough_due_to_cpich_rscp_for_rt	nok_nkcel_inter_hhort_tab.yxyou3hahk26seccb00hw01qk4	INT8	#	When no neighbouring cell is good enough for inter system HHO for RT, and the inter frequency measurement was triggered due to low measured CPICH	Sum, nkcttbh, nkrttbh, tot

				RSCP.	
nbr_of_not_sta_inter_syst_hho_bec_of_no_cell_good_enough_due_to_dl_dpch_for_rt	nok_nkcel_inter_hhort_tab.yxy65y6ahk26seccb00hw01qk4	INT8	#	When no neighbouring cell is good enough for inter system HHO for RT, and the inter frequency measurement was triggered due to DL DPCH.	Sum, nkcttbh, nkrttbh, tot
nbr_of_not_sta_inter_syst_hho_bec_of_no_cell_good_enough_due_to_imsi_for_rt	nok_nkcel_inter_hhort_tab.yyhyxfhahk26seccb00hw01qk4	INT8	#	The number of times when an inter-frequency HHO measurement due to IMSI ends without making an inter-frequency HHO attempt, because no cell is good enough for inter- frequency HHO - for UEs with an RT connection.	Sum, nkcttbh, nkrttbh, tot
nbr_of_not_sta_inter_syst_hho_bec_of_no_cell_good_enough_due_to_ue_trx_pwr_for_rt	nok_nkcel_inter_hhort_tab.yxxp24dahk26seccb00hw01qk4	INT8	#	When no neighbouring cell is good enough for inter system HHO for RT, and the inter frequency measurement was triggered due to UE transmission power approaches its maximum power capability.	Sum, nkcttbh, nkrttbh, tot
nbr_of_not_sta_inter_syst_hho_bec_of_no_cell_good_enough_due_to_ul_dch_qual_for_rt	nok_nkcel_inter_hhort_tab.yxx5il6ahk26seccb00hw01qk4	INT8	#	When no neighbouring cell is good enough for inter system HHO for RT, and the inter frequency measurement was triggered by a quality deterioration report	Sum, nkcttbh, nkrttbh, tot

				from outer loop power control.	
nbr_of_started_inter_syst_hho_meas_with_com_mod_due_to_cpich_ecno_for_rt	nok_nkcel_inter_hhort_tab.yxub0yhahk26seccb00hw01qk4	INT8	#	Number of started inter system HHO measurements with compressed mode due to low measured CPICH Ec/No by the UEs for RT.	Sum, nkcttbh, nkrttbh, tot
nbr_of_started_inter_syst_hho_meas_with_com_mod_due_to_cpich_rscp_for_rt	nok_nkcel_inter_hhort_tab.yxtqyo6ahk26seccb00hw01qk4	INT8	#	Number of started inter system HHO measurements with compressed mode due to low measured CPICH RSCP by the UEs for RT.	Sum, nkcttbh, nkrttbh, tot
nbr_of_started_inter_syst_hho_meas_with_com_mod_due_to_dl_dpch_for_rt	nok_nkcel_inter_hhort_tab.yxtbob2ahk26seccb00hw01qk4	INT8	#	Number of started inter system HHO measurements with compressed mode due to DL DPCH by the UEs for RT.	Sum, nkcttbh, nkrttbh, tot
nbr_of_started_inter_syst_hho_meas_with_com_mod_due_to_imsi_for_rt	nok_nkcel_inter_hhort_tab.yyh0kttahk26seccb00hw01qk4	INT8	#	The number of inter-system HHO decisions after measuring with compressed mode due to IMSI - by UEs with RT connection. HC triggers the start of inter-system measurements for a UE due to the fact that Immediate IMSI based handover cause has triggered. The measurement is	Sum, nkcttbh, nkrttbh, tot

This edition applies to IBM® Tivoli® Netcool® Performance Manager for Wireless and to all subsequent releases and modifications until otherwise indicated in new editions.

				enabled by the parameter IMSIbasedGsmHo. For more information on the parameter, see WCDMA RAS05 Parameter Dictionary.	
nbr_of_started_inter_syst_hho_meas_with_com_mod_due_to_ue_tx_pwr_for_rt	nok_nkcel_inter_hhort_tab.yxssbc2ahk26seccb00hw01qk4	INT8	#	Number of started inter system HHO measurements with compressed mode due to UE transmission power approaches its maximum power capability.	Sum, nkcttbh, nkrttbh, tot
nbr_of_started_inter_syst_hho_meas_with_com_mod_due_to_ul_dch_qual_for_rt	nok_nkcel_inter_hhort_tab.yxscd2tahk26seccb00hw01qk4	INT8	#	Number of started inter system HHO measurements with compressed mode due to quality deterioration report from outer loop power control by the UEs for RT.	Sum, nkcttbh, nkrttbh, tot
nbr_of_started_inter_syst_hho_meas_without_com_mod_due_to_cpich_ecno_for_rt	nok_nkcel_inter_hhort_tab.yxwotstahk26seccb00hw01qk4	INT8	#	Number of started inter system HHO measurements without compressed mode due to low measured CPICH Ec/No by the UEs for RT.	Sum, nkcttbh, nkrttbh, tot
nbr_of_started_inter_syst_hho_meas_without_com_mod_due_to_cpich_rscp_for_rt	nok_nkcel_inter_hhort_tab.yxw6e1hahk26seccb00hw01qk4	INT8	#	Number of started inter system HHO measurements without compressed mode due to low measured CPICH RSCP by the UEs for RT.	Sum, nkcttbh, nkrttbh, tot

nbr_of_started_inter_syst_hho_meas_without_com_mod_due_to_dl_dpch_for_rt	nok_nkcel_inter_hhort_tab.yxvpwq6ahk26seccb00hw01qk4	INT8	#	Number of started inter system HHO measurements without compressed mode due to DL DPCH by the UEs for RT.	Sum, nkcttbh, nkrttbh, tot
nbr_of_started_inter_syst_hho_meas_without_com_mod_due_to_imsi_for_rt	nok_nkcel_inter_hhort_tab.yyhj6rtahk26seccb00hw01qk4	INT8	#	The number of inter-system HHO decisions after measuring without compressed mode due to IMSI - by UEs with RT connection. HC triggers the start of inter-system measurements for a UE due to the fact that Immediate IMSI based handover cause has triggered. The measurement is enabled by the parameter IMSIbasedGsmHo. For more information on the parameter, see WCDMA RAS05 Parameter Dictionary.	Sum, nkcttbh, nkrttbh, tot
nbr_of_started_inter_syst_hho_meas_without_com_mod_due_to_ue_tx_pwr_for_rt	nok_nkcel_inter_hhort_tab.yxva4g6ahk26seccb00hw01qk4	INT8	#	Number of started inter frequency HHO measurements without compressed mode due to UE transmission power approaches its maximum power	Sum, nkcttbh, nkrttbh, tot

				capability.	
nbr_of_started_inter_syst_hho_meas_without_com_mod_due_to_ul_dch_qual_for_rt	nok_nkcel_inter_hhort_tab.yxuqp6tahk26seccb00hw01qk4	INT8	#	Number of started inter system HHO measurements without compressed mode due to quality deterioration report from outer loop power control by the UEs for RT.	Sum, nkcttbh, nkrttbh, tot
not_started_inter_syst_hho_bec_of_no_cell_good_enough_due_to_emergency_call	nok_nkcel_inter_hhort_tab.yymil2xahk26seccb00hw01qk4	INT8	#	The number of occasions when no neighbouring cell is good enough for inter-system HHO for RT and the inter-system measurement was triggered due to emergency call.	Sum, nkcttbh, nkrttbh, tot
not_started_load_based_isho_because_no_cell_good_enough_due_to_capa_rejection_dl_for_rt	nok_nkcel_inter_hhort_tab.ugpugwd1im2ahsxr0035xkcuai	INTEGER	#	The number of times that an inter-system HHO measurement due to Load Based HO reason CapaReqRejRateDL more than LHOCapaReqRejRateDL ends without making an intersystem HHO attempt, because no cell is good enough for inter-system HHO - for UEs with RT connection.	Sum, nkcttbh, nkrttbh, tot
not_started_load_based_isho_because_no_cell_good_enough_due_to_capa_rejection_ul_for_rt	nok_nkcel_inter_hhort_tab.ugpugwb1im2ahsxr0035xkcuai	INTEGER	#	The number of times that an inter-system HHO measurement due to Load Based HO reason CapaReqRejRateUL more than LHOcapaReqRejRat	Sum, nkcttbh, nkrttbh, tot

				eUL ends without making an intersystem HHO attempt, because no cell is good enough for inter-system HHO - for UEs with RT connection.	
not_started_load_based_isho_because_no_cell_good_enough_due_to_prxtotal_for_rt	nok_nkcel_inter_hhort_tab.y2lntmbafq2ahdvuj02uauibev	INTEGER	#	The number of times when an inter-system HHO measurement due to Load Based HO reason PrxTotal > PrxTarget + LHOpwrOffsetUL ends without making an inter- system HHO attempt, because no cell is good enough for inter-system HHO - for UEs with RT connection.	Sum, nkcttbh, nkrttbh, tot
not_started_load_based_isho_because_no_cell_good_enough_due_to_ptxtotal_for_rt	nok_nkcel_inter_hhort_tab.y2lntmdafq2ahdvuj02uauibev	INTEGER	#	The number of times when an inter-system HHO measurement due to Load Based HO reason PtxTotal > PtxTarget + LHOpwrOffsetDL ends without making an inter- system HHO attempt, because no cell is good enough for inter-system HHO - for UEs with RT connection.	Sum, nkcttbh, nkrttbh, tot
not_started_load_b	nok_nkcel_inter_hhort_tab.	INTEG	#	The number of times	Sum,

ased_isho_because_no_cell_good_enough_due_to_to_reservation_rate_sc_for_rt	y2lntmfafq2ahdvuj02uauibev	ER		when an inter-system HHO measurement due to Load Based HO reason ReservationRateSC > LHOresRateSC ends without making an inter-system HHO attempt, because no cell is good enough for inter-system HHO - for UEs with RT connection.	nkcttbh, nkrttbh, tot
not_started_load_based_isho_no_cell_good_enough_due_hw_or_logical_resource_limit_for_rt	nok_nkcel_inter_hhort_tab.y2lntmhafq2ahdvuj02uauibev	INTEGER	#	[not_started_load_based_isho_because_no_cell_good_enough_due_to_hw_or_logical_resource_limitation_for_rt] - The number of times when an inter-system HHO measurement due to Load Based HO reason HW or logical resource limitation ends without making an inter- system HHO attempt, because no cell is good enough for inter-system HHO - for UEs with RT connection.	Sum, nkcttbh, nkrttbh, tot
not_started_service_based_isho_because_no_cell_good_enough_for_rt	nok_nkcel_inter_hhort_tab.y2lntmjafq2ahdvuj02uauibev	INTEGER	#	The number of times when an inter-system HHO measurement due to Service Based ends without making an inter-system HHO attempt, because no cell is good enough for inter-system HHO - for UEs with RT connection.	Sum, nkcttbh, nkrttbh, tot

rrc_connection_drops_during_inter_syst_hho_caused_by_directed_emergency_call	nok_nkcel_inter_hhort_tab.yye1jjdahk26seccb00hw01qk4	INT8	#	Number of RRC connection drops during Directed Emergency Call handover.Number of RRC connection drops during Directed Emergency Call handover.	Sum, nkcttbh, nkrttbh, tot
rrc_connection_drops_during_inter_syst_ho_caused_by_cpich_ecno_for_rt	nok_nkcel_inter_hhort_tab.yyd2dfdahk26seccb00hw01qk4	INT8	#	RRC connection drops during inter system hard handovers caused by low measured absolute CPICH Ec/No for RT.	Sum, nkcttbh, nkrttbh, tot
rrc_connection_drops_during_inter_syst_ho_caused_by_cpich_rscp_for_rt	nok_nkcel_inter_hhort_tab.yyaxu26ahk26seccb00hw01qk4	INT8	#	RRC connection drops during inter system hard handovers caused by low measured absolute CPICH RSCP for RT.	Sum, nkcttbh, nkrttbh, tot
rrc_connection_drops_during_inter_syst_ho_caused_by_dl_dpch_pwr_for_rt	nok_nkcel_inter_hhort_tab.yy60c3pahk26seccb00hw01qk4	INT8	#	RRC connection drops during inter system hard handovers caused by DL DPCH approaching maximum power capability for RT.	Sum, nkcttbh, nkrttbh, tot
rrc_connection_drops_during_inter_syst_ho_caused_by_imsi_for_rt	nok_nkcel_inter_hhort_tab.yygjr2hahk26seccb00hw01qk4	INT8	#	Number of RRC connection drops during inter- system handover caused by IMSI for RT.	Sum, nkcttbh, nkrttbh, tot
rrc_connection_drops_during_inter_s	nok_nkcel_inter_hhort_tab.yy41c3tahk26seccb00hw01	INT8	#	RRC connection drops during inter	Sum, nkcttbh,

yst_ho_caused_by_ue_trx_pwr_for_rt	qk4			system hard handovers caused by UE transmission power approaching maximum power capability for RT.	nkrttbh, tot
rrc_connection_drops_during_inter_syst_ho_caused_by_ul_dch_qual_for_rt	nok_nkcel_inter_hhort_tab.yy232qxahk26seccb00hw01qk4	INT8	#	RRC connection drops during inter system hard handovers caused by UL DCH quality deterioration for RT.	Sum, nkcttbh, nkrttbh, tot
rrc_connection_drops_during_inter_syst_ho_caused_by_wps_for_rt	nok_nkcel_inter_hhort_tab.ugpugvx1im2ahsxr0035xkcuai	INTEGER	#	The number of RRC connection drops during intersystem handover caused by Wireless Priority Service.	Sum, nkcttbh, nkrttbh, tot
rrc_connection_drops_during_isho_caused_by_hw_or_logical_resource_limitation_for_rt	nok_nkcel_inter_hhort_tab.ybmrnivafq2ahdvuj02uauibev	INTEGER	#	The number of RRC connection drops during Load Based inter-system handover due to HW or logical resource limitation - by UEs with RT connection.	Sum, nkcttbh, nkrttbh, tot
rrc_connection_drops_during_isho_caused_by_reservation_rate_sc_for_rt	nok_nkcel_inter_hhort_tab.y2lntpfafq2ahdvuj02uauibev	INTEGER	#	The number of RRC connection drops during Load Based inter-system handover due to ReservationRateSC > LHOresRateSC - by UEs with RT connection.	Sum, nkcttbh, nkrttbh, tot
rrc_connection_drops_during_load_based_isho_caused_by_prxtotal_for_rt	nok_nkcel_inter_hhort_tab.y2lntpbafq2ahdvuj02uauibev	INTEGER	#	The number of RRC connection drops during Load Based inter-system handover due to PrxTotal > PrxTarget + LHOpwrOffsetUL - by UEs with RT	Sum, nkcttbh, nkrttbh, tot

				connection.	
rrc_connection_drops_during_load_based_isho_caused_by_ptxtotal_for_rt	nok_nkcel_inter_hhort_tab.y2lntpdafq2ahdvuj02uauibev	INTEGER	#	The number of RRC connection drops during Load Based inter-system handover due to PtxTotal > PtxTarget + LHOpwrOffsetDL - by UEs with RT connection.	Sum, nkcttbh, nkrttbh, tot
rrc_connection_drops_during_service_based_isho_for_rt	nok_nkcel_inter_hhort_tab.ybmrnixafq2ahdvuj02uauibev	INTEGER	#	The number of RRC connection drops during Service Based inter-system handover - by UEs with RT connection.	Sum, nkcttbh, nkrttbh, tot
rrc_connection_drops_isho_caused_by_capa_rejection_dl_for_rt	nok_nkcel_inter_hhort_tab.ugpugwx1im2ahsxr0035xkcuai	INTEGER	#	The number of RRC connection drops during Load Based inter-system handover due to CapaReqRejRateDL more than LHOCapaReqRejRateDL - by UEs with RT connection.	Sum, nkcttbh, nkrttbh, tot
rrc_connection_drops_isho_caused_by_capa_rejection_ul_for_rt	nok_nkcel_inter_hhort_tab.ugpugwv1im2ahsxr0035xkcuai	INTEGER	#	The number of RRC connection drops during Load Based inter-system handover due to CapaReqRejRateUL more than LHOcapaReqRejRateUL - by UEs with RT connection.	Sum, nkcttbh, nkrttbh, tot
service_based_isho_attempts_for_rt	nok_nkcel_inter_hhort_tab.y2lntnbafq2ahdvuj02uauib	INTEGER	#	The number of Service Based inter-	Sum, nkcttbh,

	ev			system handover attempts - by UEs with RT connection.	nkrttbh, tot
service_based_isho_meas_with_com_mod_for_rt	nok_nkcel_inter_hhort_tab.xvm0po2afq2ahdvuj02uauibev	INTEGER	#	The number of Service Based inter-system HHO decisions after measuring with compressed mode - by UEs with RT connection.	Sum, nkcttbh, nkrttbh, tot
service_based_isho_meas_without_com_mod_for_rt	nok_nkcel_inter_hhort_tab.xvm0potafq2ahdvuj02uauibev	INTEGER	#	The number of Service Based inter-system HHO decisions after measuring without compressed mode - by UEs with RT connection.	Sum, nkcttbh, nkrttbh, tot
successful_inter_syst_hard_handovers_caused_by_directed_emergency_call	nok_nkcel_inter_hhort_tab.yynjcvdahk26seccb00hw01qk4	INT8	#	Number of successful Directed Emergency Call inter-system handovers.	Sum, nkcttbh, nkrttbh, tot
successful_inter_system_handovers_caused_by_cpich_ecno_for_rt	nok_nkcel_inter_hhort_tab.yybx12hahk26seccb00hw01qk4	INT8	#	Successful inter system hard handovers caused by low measured absolute CPICH Ec/No for RT.	Sum, nkcttbh, nkrttbh, tot
successful_inter_system_handovers_caused_by_cpich_rscp_for_rt	nok_nkcel_inter_hhort_tab.yy6ytoxahk26seccb00hw01qk4	INT8	#	Successful inter system hard handovers caused by low measured absolute CPICH RSCP for RT.	Sum, nkcttbh, nkrttbh, tot
successful_inter_system_handovers_caused_by_dl_dpch_pwr_for_rt	nok_nkcel_inter_hhort_tab.yy50cpxahk26seccb00hw01qk4	INT8	#	Successful inter system hard handovers caused by DL DPCH approaching maximum power	Sum, nkcttbh, nkrttbh, tot

				capability for RT.	
successful_inter_system_handovers_caused_by_imsi_for_rt	nok_nkcel_inter_hhort_tab.yyf0la2ahk26seccb00hw01qk4	INT8	#	Number of successful inter-system handovers caused by IMSI for RT.	Sum, nkcttbh, nkrttbh, tot
successful_inter_system_handovers_caused_by_ue_trx_pwr_for_rt	nok_nkcel_inter_hhort_tab.yy3253xahk26seccb00hw01qk4	INT8	#	Successful inter system hard handovers caused by UE transmission power approaching maximum power capability for RT.	Sum, nkcttbh, nkrttbh, tot
successful_inter_system_handovers_caused_by_ul_dch_qual_for_rt	nok_nkcel_inter_hhort_tab.yy14bjlahk26seccb00hw01qk4	INT8	#	Successful inter system hard handovers caused by UL DCH quality deterioration for RT.	Sum, nkcttbh, nkrttbh, tot
successful_inter_system_handovers_caused_by_wps_for_rt	nok_nkcel_inter_hhort_tab.ugpugvr1im2ahsxr0035xkcuai	INTEGER	#	The number of successful inter-system handovers caused by Wireless Priority Service.	Sum, nkcttbh, nkrttbh, tot
successful_isho_caused_by_capa_rejection_dl_for_rt	nok_nkcel_inter_hhort_tab.ugpugwl1im2ahsxr0035xkcuai	INTEGER	#	The number of successful Load Based inter-system handovers due to CapaReqRejRateDL more than LHOCapaReqRejRateDL - by UEs with RT connection.	Sum, nkcttbh, nkrttbh, tot
successful_isho_caused_by_capa_rejection_ul_for_rt	nok_nkcel_inter_hhort_tab.ugpugwj1im2ahsxr0035xkcuai	INTEGER	#	The number of successful Load Based inter-system handovers due to CapaReqRejRateUL	Sum, nkcttbh, nkrttbh, tot

This edition applies to IBM® Tivoli® Netcool® Performance Manager for Wireless and to all subsequent releases and modifications until otherwise indicated in new editions.

				more than LHOcapaReqRejRateUL - by UEs with RT connection.	
successful_isho_caused_by_hw_or_logical_resource_limitation_for_rt	nok_nkcel_inter_hhort_tab.y2lntnxafq2ahdvuj02uauibev	INTEGER	#	The number of successful Load Based inter-system handover due to HW or logical resource limitation - by UEs with RT connection.	Sum, nkcttbh, nkrttbh, tot
successful_isho_caused_by_reservation_rate_sc_for_rt	nok_nkcel_inter_hhort_tab.y2lntnvafq2ahdvuj02uauibev	INTEGER	#	The number of successful Load Based inter-system handover due to ReservationRateSC > LHOresRateSC - by UEs with RT connection.	Sum, nkcttbh, nkrttbh, tot
successful_load_based_isho_caused_by_prxtotal_for_rt	nok_nkcel_inter_hhort_tab.y2lntnrafq2ahdvuj02uauibev	INTEGER	#	The number of successful Load Based inter-system handover due to PrxTotal > PrxTarget + LHOpwrOffsetUL - by UEs with RT connection.	Sum, nkcttbh, nkrttbh, tot
successful_load_based_isho_caused_by_ptxtotal_for_rt	nok_nkcel_inter_hhort_tab.y2lntntafq2ahdvuj02uauibev	INTEGER	#	The number of successful Load Based inter-system handover due to PtxTotal > PtxTarget + LHOpwrOffsetDL - by UEs with RT connection.	Sum, nkcttbh, nkrttbh, tot
successful_service_based_isho_for_rt	nok_nkcel_inter_hhort_tab.y2lnto0afq2ahdvuj02uauibev	INTEGER	#	The number of successful Service Based inter-system handover - by UEs with RT connection.	Sum, nkcttbh, nkrttbh, tot
tot_inter_system_hho_rt_attempts	({inter_system_ho_attempts_caused_by_ul_dch_qual_	INT8	#	Total number of inter system handover	Sum, nkcttbh,

	for_rt}+ {inter_system_ho_attempts_caused_by_ue_trx_pwr_for_rt}+ {inter_system_ho_attempts_caused_by_dl_dpch_pwr_for_rt}+ {inter_system_ho_attempts_caused_by_cpich_rscp_for_rt}+ {inter_system_ho_attempts_caused_by_cpich_ecno_for_rt}+ {inter_system_ho_attempts_caused_by_imsi_for_rt})			attempts for rt service connection.	nkrttbh, tot
tot_inter_system_hho_rt_dropped	({rrc_connection_drops_during_inter_syst_ho_caused_by_ul_dch_qual_for_rt}+ {rrc_connection_drops_during_inter_syst_ho_caused_by_ue_trx_pwr_for_rt}+ {rrc_connection_drops_during_inter_syst_ho_caused_by_dl_dpch_pwr_for_rt}+ {rrc_connection_drops_during_inter_syst_ho_caused_by_cpich_rscp_for_rt}+ {rrc_connection_drops_during_inter_syst_ho_caused_by_cpich_ecno_for_rt}+ {rrc_connection_drops_during_inter_syst_ho_caused_by_imsi_for_rt})	INT8	#	Total number of inter system handover which results in call dropped for rt service connection.	Sum, nkcttbh, nkrttbh, tot
tot_inter_system_hho_rt_success	({successful_inter_system_handovers_caused_by_ul_dch_qual_for_rt}+ {successful_inter_system_handovers_caused_by_ue_trx_pwr_for_rt}+ {successful_inter_system_	INT8	#	Total number of inter system handover successful for rt service connection.	Sum, nkcttbh, nkrttbh, tot

This edition applies to IBM® Tivoli® Netcool® Performance Manager for Wireless and to all subsequent releases and modifications until otherwise indicated in new editions.

	handovers_caused_by_dl_dpch_pwr_for_rt}+ {successful_inter_system_handovers_caused_by_cpich_rscp_for_rt}+ {successful_inter_system_handovers_caused_by_cpich_ecno_for_rt}+ {successful_inter_system_handovers_caused_by_imsi_for_rt})				
tot_inter_system_hho_rt_unsuccess	({unsuccessful_inter_system_handovers_caused_by_ul_dch_qual_for_rt}+ {unsuccessful_inter_system_handovers_caused_by_ue_trx_pwr_for_rt}+ {unsuccessful_inter_system_handovers_caused_by_dl_dpch_pwr_for_rt}+ {unsuccessful_inter_system_handovers_caused_by_cpich_rscp_for_rt}+ {unsuccessful_inter_system_handovers_caused_by_cpich_ecno_for_rt}+ {unsuccessful_inter_system_handovers_caused_by_imsi_for_rt}+ {utran_is_not_able_to_execute_inter_system_hho_for_rt}+ {ue_is_not_able_to_execute_inter_system_hho_for_rt})	INT8	#	Total number of inter system handover not successful for rt service connection.	Sum, nkcttbh, nkrttbh, tot
ue_is_not_able_to_execute_inter_system_hho_for_rt	nok_nkcel_inter_hhort_tab.yxrcpmdahk26seccb00hw01qk4	INT8	#	UE is not able to execute an inter system HHO for RT.	Sum, nkcttbh, nkrttbh, tot
unsuccessful_inter_syst_hard_handovers_caused_by_directed_emergency_call	nok_nkcel_inter_hhort_tab.yyo5elhahk26seccb00hw01qk4	INT8	#	Number of unsuccessful Directed Emergency Call handovers, the UE reverts back to	Sum, nkcttbh, nkrttbh, tot

				the configuration prior to the reception of the handover command.	
unsuccessful_inter_system_handovers_caused_by_cpich_ecno_for_rt	nok_nkcel_inter_hhort_tab.yyclmvdahk26seccb00hw01qk4	INT8	#	Unsuccessful inter system hard handovers caused by low measured absolute CPICH Ec/No for RT.	Sum, nkcttbh, nkrttbh, tot
unsuccessful_inter_system_handovers_caused_by_cpich_rscp_for_rt	nok_nkcel_inter_hhort_tab.yyaide6ahk26seccb00hw01qk4	INT8	#	Unsuccessful inter system hard handovers caused by low measured absolute CPICH RSCP for RT.	Sum, nkcttbh, nkrttbh, tot
unsuccessful_inter_system_handovers_caused_by_dl_dpch_pwr_for_rt	nok_nkcel_inter_hhort_tab.yy5iwj2ahk26seccb00hw01qk4	INT8	#	Unsuccessful inter frequency hard handovers caused by DL DPCH approaching maximum power capability for RT.	Sum, nkcttbh, nkrttbh, tot
unsuccessful_inter_system_handovers_caused_by_imsi_for_rt	nok_nkcel_inter_hhort_tab.yyfj4ypahk26seccb00hw01qk4	INT8	#	Number of unsuccessful inter-system handovers caused by IMSI for RT. --- If the UE fails to establish the physical channel(s) indicated in the handover command, the UE will revert to the configuration prior to the reception of the handover command (old configuration) and	Sum, nkcttbh, nkrttbh, tot

				transmit a failure message to the source RNC. The hard handover procedure ends and the UE resumes the normal operation as if no hard handover attempt had occurred.	
unsuccessful_inter_system_handovers_caused_by_ue_trx_pwr_for_rt	nok_nkcel_inter_hhort_tab.yy3ktjxahk26seccb00hw01qk4	INT8	#	Unsuccessful inter system hard handovers caused by UE transmission power approaching maximum power capability for RT.	Sum, nkcttbh, nkrttbh, tot
unsuccessful_inter_system_handovers_caused_by_ul_dch_qual_for_rt	nok_nkcel_inter_hhort_tab.yy1mq42ahk26seccb00hw01qk4	INT8	#	Unsuccessful inter system hard handovers caused by UL DCH quality deterioration for RT.	Sum, nkcttbh, nkrttbh, tot
unsuccessful_inter_system_handovers_caused_by_wps_for_rt	nok_nkcel_inter_hhort_tab.ugpugvv1im2ahsxr0035xkcuai	INTEGER	#	The number of unsuccessful inter-system handovers caused by Wireless Priority Service. If the UE fails to establish the physical channel (s) indicated in the handover command, the UE will revert to the configuration prior to the reception of the handover command (old configuration) and transmit a failure message to the source RNC. The hard handover procedure ends and the UE resumes the	Sum, nkcttbh, nkrttbh, tot

				normal operation as if no hard handover attempt had occurred.	
unsuccessful_isho_caused_by_capa_rejection_dl_for_rt	nok_nkcel_inter_hhort_tab.ugpugwt1im2ahsxr0035xkcuai	INTEGER	#	The number of unsuccessful Load Based inter-system handovers due to CapaReqRejRateDL more than LHOCapaReqRejRateDL - by UEs with RT connection. --- If the UE fails to establish the physical channel(s) indicated in the handover command, the UE will revert to the configuration prior to the receipt of the handover command (old configuration) and transmit a failure message to the source RNC. The hard handover procedure ends and the UE resumes the normal operation as if no hard handover attempt had occurred.	Sum, nkcttbh, nkrttbh, tot
unsuccessful_isho_caused_by_capa_rejection_ul_for_rt	nok_nkcel_inter_hhort_tab.ugpugwr1im2ahsxr0035xkcuai	INTEGER	#	The number of unsuccessful Load Based inter-system handovers due to CapaReqRejRateUL more than LHOcapaReqRejRat	Sum, nkcttbh, nkrttbh, tot

				eUL - by UEs with RT connection. --- If the UE fails to establish the physical channel(s) indicated in the handover command, the UE will revert to the configuration prior to the receipt of the handover command (old configuration) and transmit a failure message to the source RNC. The hard handover procedure ends and the UE resumes the normal operation as if no hard handover attempt had occurred.	
unsuccessful_isho_caused_by_hw_or_logical_resource_limitation_for_rt	nok_nkcel_inter_hhort_tab.y2lntopafq2ahdvuj02uauibev	INTEGER	#	The number of unsuccessful Load Based inter-system handovers due to HW or logical resource limitation - by UEs with RT connection. --- If the UE fails to establish the physical channel(s) indicated in the handover command, the UE will revert to the configuration prior to the reception of the handover command (old configuration) and transmit a failure message to the source RNC. The hard handover	Sum, nkcttbh, nkrttbh, tot

				procedure ends and the UE resumes the normal operation as if no hard handover attempt had occurred.	
unsuccessful_isho_caused_by_reservation_rate_sc_for_rt	nok_nkcel_inter_hhort_tab.y2lntonafq2ahdvuj02uauibev	INTEGER	#	The number of unsuccessful Load Based inter-system handovers due to ReservationRateSC > LHOresRateSC - by UEs with RT connection. --- If the UE fails to establish the physical channel(s) indicated in the handover command, the UE will revert to the configuration prior to the reception of the handover command (old configuration) and transmit a failure message to the source RNC. The hard handover procedure ends and the UE resumes the normal operation as if no hard handover attempt had occurred.	Sum, nkcttbh, nkrttbh, tot
unsuccessful_load_based_isho_caused_by_prxtotal_for_rt	nok_nkcel_inter_hhort_tab.y2lntojafq2ahdvuj02uauibev	INTEGER	#	The number of unsuccessful Load Based inter-system handovers due to PrxTotal > PrxTarget	Sum, nkcttbh, nkrttbh, tot

				+ LHOpwrOffsetUL - by UEs with RT connection. --- If the UE fails to establish the physical channel(s) indicated in the handover command, the UE will revert to the configuration prior to the reception of the handover command (old configuration) and transmit a failure message to the source RNC. The hard handover procedure ends and the UE resumes the normal operation as if no hard handover attempt had occurred.	
unsuccessful_load_based_isho_caused_by_ptxtotal_for_rt	nok_nkcel_inter_hhort_tab.y2lntolafq2ahdvuj02uauibev	INTEGER	#	The number of unsuccessful Load Based inter-system handovers due to PtxTotal > PtxTarget + LHOpwrOffsetDL - by UEs with RT connection. --- If the UE fails to establish the physical channel(s) indicated in the handover command, the UE will revert to the configuration prior to the reception of the handover command (old configuration) and transmit a failure message to the	Sum, nkcttbh, nkrttbh, tot

				source RNC. The hard handover procedure ends and the UE resumes the normal operation as if no hard handover attempt had occurred.	
unsuccessful_service_based_isho_for_rt	nok_nkcel_inter_hhort_tab.y2lntorafq2ahdvuj02uauibev	INTEGER	#	The number of unsuccessful Service Based inter-system handovers - by UEs with RT connection. --- If the UE fails to establish the physical channel(s) indicated in the handover command, the UE will revert to the configuration prior to the reception of the handover command (old configuration) and transmit a failure message to the source RNC. The hard handover procedure ends and the UE resumes the normal operation as if no hard handover attempt had occurred.	Sum, nkcttbh, nkrttbh, tot
utran_is_not_able_to_execute_inter_system_hho_for_nrt	nok_nkcel_inter_hhort_tab.yydkvtxahk26seccb00hw01qk4	INT8	#	UTRAN is not able to execute an inter system HHO for NRT.	Sum, nkcttbh, nkrttbh, tot
utran_is_not_able_	nok_nkcel_inter_hhort_tab.	INT8	#	UTRAN is not able	Sum,

to_execute_inter_system_hho_for_rt	yxqtd22ahk26seccb00hw01qk4			to execute an inter system HHO for RT.	nkcttbh, nkrttbh, tot

6.6.25 Cell.Nokia.UMTS.intrasys_hho_inter_nrt

NRT intra-system inter-frequency handover statistics

KPI Name	Expression	Data Type	Units	Description	Aggregation
_%_successful_inter_freq_handovers_caused_by_imsi_for_nrt	100 * {successful_inter_freq_handovers_caused_by_imsi_for_nrt}/ {inter_freq_ho_attempts_caused_by_imsi_for_nrt}	FLOAT	%	Success rate for inter-frequency handover attempts caused by IMSI for NRT.	Average, avg, nkcttbh, nkrttbh
connection_drops_during_inter_rnc_hho_caused_by_hspa_scc	nok_nkcel_intrainternrt_tab.uaqada41im2ahsxr0035xkcuai	INTEGER	#	The number of user plane drops during outgoing Inter-RNC Intrafrequency HHO triggered by HSPA serving cell change. This counter is updated only for the HSPA serving cell before the HHO operation.	Sum, nkcttbh, nkrttbh, tot
ifho_because_no_cell_good_enough_due_to_capa_rejection_dl_for_nrt	nok_nkcel_intrainternrt_tab.xjivianafq2ahdvuj02uauibev	INTEGER	#	The number of times when an inter-frequency HHO measurement due to Load Based HO reason CapaReqRejRateDL > LHOcapaReqRejRateDL ends without making an inter-frequency HHO attempt, because no cell is good enough for inter-frequency HHO - for UEs with NRT connection.	Sum, nkcttbh, nkrttbh, tot

inter_freq_ho_attempts_caused_by_cpich_ecno_for_nrt	nok_nkcel_intrainternrt_tab.r0cx5ctahl26seccb00hw01qk4	INT8	#	Inter frequency HHO attempts caused by low measured absolute CPICH Ec/No for NRT.	Sum, nkcttbh, nkrttbh, tot
inter_freq_ho_attempts_caused_by_cpich_rscp_for_nrt	nok_nkcel_intrainternrt_tab.r0aivdhahl26seccb00hw01qk4	INT8	#	Inter frequency HHO attempts caused by low measured absolute CPICH RSCP for NRT.	Sum, nkcttbh, nkrttbh, tot
inter_freq_ho_attempts_caused_by_dl_dpch_pwr_for_nrt	nok_nkcel_intrainternrt_tab.r05eohlahl26seccb00hw01qk4	INT8	#	Inter frequency HHO attempts caused by DL DPCH approaching maximum power capability for NRT.	Sum, nkcttbh, nkrttbh, tot
inter_freq_ho_attempts_caused_by_imsi_for_nrt	nok_nkcel_intrainternrt_tab.r0lvvhtahl26seccb00hw01qk4	INT8	#	The number of inter-frequency handover attempts caused by IMSI for NRT.	Sum, nkcttbh, nkrttbh, tot
inter_freq_ho_attempts_caused_by_ue_trx_pwr_for_nrt	nok_nkcel_intrainternrt_tab.r03d32hahl26seccb00hw01qk4	INT8	#	Inter frequency HHO attempts caused by UE transmission power approaching maximum power capability for NRT.	Sum, nkcttbh, nkrttbh, tot
inter_freq_ho_attempts_caused_by_ul_dch_qual_for_nrt	nok_nkcel_intrainternrt_tab.r01c50dahl26seccb00hw01qk4	INT8	#	Inter frequency HHO attempts caused by UL DCH quality deterioration for NRT.	Sum, nkcttbh, nkrttbh, tot
inter_freq_ho_decisions_after_comp_mode_meas_due_to_cpich_ecno_for_nrt	nok_nkcel_intrainternrt_tab.yyumw5dahk26seccb00hw01qk4	INT8	#	Number of started inter frequency HHO measurements with compressed mode due to low measured CPICH Ec/No by the	Sum, nkcttbh, nkrttbh, tot

				UEs for NRT.	
inter_freq_ho_decisions_after_comp_mode_meas_due_to_cpich_rscp_for_nrt	nok_nkcel_intrainternrt_tab.yyu40qxahk26seccb00hw01qk4	INT8	#	Number of started inter frequency HHO measurements with compressed mode due to low measured CPICH RSCP by the UEs for NRT.	Sum, nkcttbh, nkrttbh, tot
inter_freq_ho_decisions_after_comp_mode_meas_due_to_dl_dpch_pwr_for_nrt	nok_nkcel_intrainternrt_tab.yytn3ydahk26seccb00hw01qk4	INT8	#	Number of started inter frequency HHO measurements with compressed mode due to DL DPCH by the UEs for NRT.	Sum, nkcttbh, nkrttbh, tot
inter_freq_ho_decisions_after_comp_mode_meas_due_to_imsi_for_nrt	nok_nkcel_intrainternrt_tab.r0ok006ahl26seccb00hw01qk4	INT8	#	The number of inter-frequency HHO decisions after measuring without compressed mode due to IMSI - for UEs with an NRT connection.	Sum, nkcttbh, nkrttbh, tot
inter_freq_ho_decisions_after_comp_mode_meas_due_to_ue_trx_pwr_for_nrt	nok_nkcel_intrainternrt_tab.yyt4d3tahk26seccb00hw01qk4	INT8	#	Number of started inter frequency HHO measurements with compressed mode due to UE transmission power approaches its maximum power capability.	Sum, nkcttbh, nkrttbh, tot
inter_freq_ho_decisions_after_comp_mode_meas_due_to_ul_dch_qual_for_nrt	nok_nkcel_intrainternrt_tab.yysniylahk26seccb00hw01qk4	INT8	#	Number of started inter frequency HHO measurements with compressed mode due to quality deterioration report from outer loop power control by the UEs for NRT.	Sum, nkcttbh, nkrttbh, tot
inter_freq_ho_decisions_after_meas_	nok_nkcel_intrainternrt_tab.yyx4vfpahk26seccb00hw0	INT8	#	Number of started inter frequency HHO	Sum, nkcttbh,

without_comp_mode_due_to_cpich_ecno_for_nrt	1qk4			measurements without compressed mode due to low measured CPICH Ec/No by the UEs for NRT.	nkrttbh, tot
inter_freq_ho_decisions_after_meas_without_comp_mode_due_to_cpich_rscp_for_nrt	nok_nkcel_intrainternrt_tab.yywnt4hahk26seccb00hw01qk4	INT8	#	Number of started inter frequency HHO measurements without compressed mode due to low measured CPICH RSCP by the UEs for NRT.	Sum, nkcttbh, nkrttbh, tot
inter_freq_ho_decisions_after_meas_without_comp_mode_due_to_dl_dpch_pwr_for_nrt	nok_nkcel_intrainternrt_tab.yyw4ujhahk26seccb00hw01qk4	INT8	#	Number of started inter frequency HHO measurements without compressed mode due to DL DPCH by the UEs for NRT.	Sum, nkcttbh, nkrttbh, tot
inter_freq_ho_decisions_after_meas_without_comp_mode_due_to_imsi_for_nrt	nok_nkcel_intrainternrt_tab.r0p1pk6ahl26seccb00hw01qk4	INT8	#	The number of inter-frequency HHO decisions after measuring without compressed mode due to IMSI - for UEs with an NRT connection.	Sum, nkcttbh, nkrttbh, tot
inter_freq_ho_decisions_after_meas_without_comp_mode_due_to_ue_trx_pwr_for_nrt	nok_nkcel_intrainternrt_tab.yyvnr5tahk26seccb00hw01qk4	INT8	#	Number of started inter frequency HHO measurements without compressed mode due to UE transmission power approaches its maximum power capability.	Sum, nkcttbh, nkrttbh, tot

This edition applies to IBM® Tivoli® Netcool® Performance Manager for Wireless and to all subsequent releases and modifications until otherwise indicated in new editions.

inter_freq_ho_decisions_after_meas_without_comp_mode_due_to_ul_dch_qual_for_nrt	nok_nkcel_intrainternrt_tab.yyv4l2hahk26seccb00hw01qk4	INT8	#	Number of started inter frequency HHO measurements without compressed mode due to quality deterioration report from outer loop power control by the UEs for NRT.	Sum, nkcttbh, nkrttbh, tot
inter_rnc_inter_freq_ho_attempts_for_nrt	nok_nkcel_intrainternrt_tab.r0jnue2ahl26seccb00hw01qk4	INT8	#	Inter RNC inter BTS inter frequency HHO attempts for NRT.	Sum, nkcttbh, nkrttbh, tot
intra_rnc_inter_bts_inter_freq_ho_attempts_for_nrt	nok_nkcel_intrainternrt_tab.r0hh54hahl26seccb00hw01qk4	INT8	#	Intra RNC inter BTS inter frequency HHO attempts for NRT.	Sum, nkcttbh, nkrttbh, tot
intra_rnc_intra_bts_inter_freq_ho_attempts_for_nrt	nok_nkcel_intrainternrt_tab.r0f61o2ahl26seccb00hw01qk4	INT8	#	Intra RNC intra BTS inter frequency HHO attempts for NRT.	Sum, nkcttbh, nkrttbh, tot
load_based_ifho_attempts_caused_by_capa_rejection_dl_for_nrt	nok_nkcel_intrainternrt_tab.xjivibfafq2ahdvuj02uauibev	INTEGER	#	The number of Load Based inter-frequency handover attempts due to CapaReqRejRateDL > LHOcapaReqRejRateDL - by UEs with NRT connection.	Sum, nkcttbh, nkrttbh, tot
load_based_ifho_attempts_caused_by_capa_rejection_ul_for_nrt	nok_nkcel_intrainternrt_tab.xjivibdafq2ahdvuj02uauibev	INTEGER	#	The number of Load Based inter-frequency handover attempts due to CapaReqRejRateUL > LHOcapaReqRejRateUL - by UEs with NRT connection.	Sum, nkcttbh, nkrttbh, tot
load_based_ifho_attempts_caused_by_hw_or_logical_re	nok_nkcel_intrainternrt_tab.xjivibjafq2ahdvuj02uauibev	INTEGER	#	The number of Load Based inter-frequency handover	Sum, nkcttbh, nkrttbh,

source_limitation_for_nrt				attempts due to HW or logical resource limitation - by UEs with NRT connection.	tot
load_based_ifho_attempts_caused_by_prxtotal_for_nrt	nok_nkcel_intrainternrt_tab.xjivib6afq2ahdvuj02uauibev	INTEGER	#	The number of Load Based inter-frequency handover attempts due to PrxTotal > PrxTarget + LHOpwrOffsetUL - by UEs with NRT connection.	Sum, nkcttbh, nkrttbh, tot
load_based_ifho_attempts_caused_by_ptxtotal_for_nrt	nok_nkcel_intrainternrt_tab.xjivibbafq2ahdvuj02uauibev	INTEGER	#	The number of Load Based inter-frequency handover attempts due to PtxTotal > PtxTarget + LHOpwrOffsetDL - by UEs with NRT connection.	Sum, nkcttbh, nkrttbh, tot
load_based_ifho_attempts_caused_by_reservation_rate_sc_for_nrt	nok_nkcel_intrainternrt_tab.xjivibhafq2ahdvuj02uauibev	INTEGER	#	The number of Load Based inter-frequency handover attempts due to ReservationRateSC > LHOresRateSC - by UEs with NRT connection.	Sum, nkcttbh, nkrttbh, tot
load_based_ifho_meas_with_com_mod_due_to_capa_rejection_dl_for_nrt	nok_nkcel_intrainternrt_tab.xdi26mtafq2ahdvuj02uauibev	INTEGER	#	The number of Load Based inter-frequency HHO decisions after measuring with compressed mode due to CapaReqRejRateDL >	Sum, nkcttbh, nkrttbh, tot

This edition applies to IBM® Tivoli® Netcool® Performance Manager for Wireless and to all subsequent releases and modifications until otherwise indicated in new editions.

				LHOcapaReqRejRateDL - by UEs with NRT connection.	
load_based_ifho_meas_with_com_mod_due_to_capa_rejection_ul_for_nrt	nok_nkcel_intrainternrt_tab.xdi26mrafq2ahdvuj02uauibev	INTEGER	#	The number of Load Based inter-frequency HHO decisions after measuring with compressed mode due to CapaReqRejRateUL > LHOcapaReqRejRateUL - by UEs with NRT connection.	Sum, nkcttbh, nkrttbh, tot
load_based_ifho_meas_with_com_mod_due_to_hw_or_logical_resource_limitation_for_nrt	nok_nkcel_intrainternrt_tab.xdi26mxafq2ahdvuj02uauibev	INTEGER	#	The number of Load Based inter-frequency HHO decisions after measuring with compressed mode due to HW or logical resource limitation - by UEs with NRT connection.	Sum, nkcttbh, nkrttbh, tot
load_based_ifho_meas_with_com_mod_due_to_prxtotal_for_nrt	nok_nkcel_intrainternrt_tab.xdi26mnafq2ahdvuj02uauibev	INTEGER	#	The number of Load Based inter-frequency HHO decisions after measuring with compressed mode due to PrxTotal > PrxTarget + LHOpwrOffsetUL - by UEs with NRT connection.	Sum, nkcttbh, nkrttbh, tot
load_based_ifho_meas_with_com_mod_due_to_ptxtotal_for_nrt	nok_nkcel_intrainternrt_tab.xdi26mpafq2ahdvuj02uauibev	INTEGER	#	The number of Load Based inter-frequency HHO decisions after measuring with compressed mode due to PtxTotal >	Sum, nkcttbh, nkrttbh, tot

				PtxTarget + LHOpwrOffsetDL - by UEs with NRT connection.	
load_based_ifho_meas_with_com_mod_due_to_reservation_rate_sc_for_nrt	nok_nkcel_intrainternrt_tab.xdi26mvafq2ahdvuj02uauibev	INTEGER	#	The number of Load Based inter-frequency HHO decisions after measuring with compressed mode due to ReservationRateSC > LHOresRateSC - by UEs with NRT connection.	Sum, nkcttbh, nkrttbh, tot
load_based_ifho_meas_without_com_mod_due_to_capa_rejection_dl_for_nrt	nok_nkcel_intrainternrt_tab.xdi26nlafq2ahdvuj02uauibev	INTEGER	#	The number of Load Based inter-frequency HHO decisions after measuring without compressed mode due to CapaReqRejRateDL > LHOcapaReqRejRateDL - by UEs with NRT connection.	Sum, nkcttbh, nkrttbh, tot
load_based_ifho_meas_without_com_mod_due_to_capa_rejection_ul_for_nrt	nok_nkcel_intrainternrt_tab.xdi26njafq2ahdvuj02uauibev	INTEGER	#	The number of Load Based inter-frequency HHO decisions after measuring without compressed mode due to CapaReqRejRateUL > LHOcapaReqRejRateUL - by UEs with NRT connection.	Sum, nkcttbh, nkrttbh, tot

load_based_ifho_meas_without_com_mod_due_to_hw_or_logical_resource_limitation_for_nrt	nok_nkcel_intrainternrt_tab.xdi26npafq2ahdvuj02uauibev	INTEGER	#	The number of Load Based inter-frequency HHO decisions after measuring without compressed mode due to HW or logical resource limitation - by UEs with NRT connection.	Sum, nkcttbh, nkrttbh, tot
load_based_ifho_meas_without_com_mod_due_to_prxtotal_for_nrt	nok_nkcel_intrainternrt_tab.xdi26nfafq2ahdvuj02uauibev	INTEGER	#	The number of Load Based inter-frequency HHO decisions after measuring without compressed mode due to PrxTotal > PrxTarget + LHOpwrOffsetUL - by UEs with NRT connection.	Sum, nkcttbh, nkrttbh, tot
load_based_ifho_meas_without_com_mod_due_to_ptxtotal_for_nrt	nok_nkcel_intrainternrt_tab.xdi26nhafq2ahdvuj02uauibev	INTEGER	#	The number of Load Based inter-frequency HHO decisions after measuring without compressed mode due to PtxTotal > PtxTarget + LHOpwrOffsetDL - by UEs with NRT connection.	Sum, nkcttbh, nkrttbh, tot
load_based_ifho_meas_without_com_mod_due_to_reservation_rate_sc_for_nrt	nok_nkcel_intrainternrt_tab.xdi26nnafq2ahdvuj02uauibev	INTEGER	#	The number of Load Based inter-frequency HHO decisions after measuring without compressed mode due to ReservationRateSC > LHOresRateSC - by UEs with NRT connection.	Sum, nkcttbh, nkrttbh, tot

not_started_inter_freq_hho_bec_of_no_cell_good_enough_due_to_cpich_ecno_for_nrt	nok_nkcel_intrainternrt_tab.r00s56tahl26seccb00hw01qk4	INT8	#	When no neighbouring cell is good enough for inter frequency HHO for NRT, and the inter frequency measurement was triggered due to low measured CPICH Ec/No.	Sum, nkcttbh, nkrttbh, tot
not_started_inter_freq_hho_bec_of_no_cell_good_enough_due_to_cpich_rscp_for_nrt	nok_nkcel_intrainternrt_tab.r00buclahl26seccb00hw01qk4	INT8	#	When no neighbouring cell is good enough for inter frequency HHO for NRT, and the inter frequency measurement was triggered due to low measured CPICH RSCP.	Sum, nkcttbh, nkrttbh, tot
not_started_inter_freq_hho_bec_of_no_cell_good_enough_due_to_dl_dpch_pwr_for_nrt	nok_nkcel_intrainternrt_tab.yyyra62ahk26seccb00hw01qk4	INT8	#	When no neighbouring cell is good enough for inter frequency HHO for NRT, and the inter frequency measurement was triggered due to DL DPCH.	Sum, nkcttbh, nkrttbh, tot
not_started_inter_freq_hho_bec_of_no_cell_good_enough_due_to_imsi_for_nrt	nok_nkcel_intrainternrt_tab.r0plmstahl26seccb00hw01qk4	INT8	#	The number of times when an inter-frequency HHO measurement due to IMSI ends without making an inter-frequency HHO attempt, because no cell is good enough for inter- frequency	Sum, nkcttbh, nkrttbh, tot

This edition applies to IBM® Tivoli® Netcool® Performance Manager for Wireless and to all subsequent releases and modifications until otherwise indicated in new editions.

				HHO - for UEs with NRT connection.	
not_started_inter_freq_hho_bec_of_no_cell_good_enough_due_to_ue_trx_pwr_for_nrt	nok_nkcel_intrainternrt_tab.yyy4pc6ahk26seccb00hw01qk4	INT8	#	When no neighbouring cell is good enough for inter frequency HHO for NRT, and the inter frequency measurement was triggered due to UE transmission power approaches its maximum power capability.	Sum, nkcttbh, nkrttbh, tot
not_started_inter_freq_hho_bec_of_no_cell_good_enough_due_to_ul_dch_qual_for_nrt	nok_nkcel_intrainternrt_tab.yyxnsu6ahk26seccb00hw01qk4	INT8	#	When no neighbouring cell is good enough for inter frequency HHO for NRT, and the inter frequency measurement was triggered by a quality deterioration report from outer loop power control.	Sum, nkcttbh, nkrttbh, tot
not_started_load_based_ifho_because_no_cell_good_enough_due_to_capa_rejection_ul_for_nrt	nok_nkcel_intrainternrt_tab.xjivialafq2ahdvuj02uauibev	INTEGER	#	The number of times when an inter-frequency HHO measurement due to Load Based HO reason CapaReqRejRateUL > LHOcapaReqRejRateUL ends without making an inter-frequency HHO attempt, because no cell is good enough for inter-frequency HHO - for UEs with NRT connection.	Sum, nkcttbh, nkrttbh, tot
not_started_load_b	nok_nkcel_intrainternrt_tab	INTEG	#	The number of times	Sum,

ased_ifho_because_no_cell_good_enough_due_to_prxtotal_for_nrt	.xjiviahafq2ahdvuj02uauibev	ER		when an inter-frequency HHO measurement due to Load Based HO reason PrxTotal > PrxTarget + LHOpwrOffsetUL ends without making an inter- frequency HHO attempt, because no cell is good enough for inter-frequency HHO - for UEs with NRT connection.	nkcttbh, nkrttbh, tot
not_started_load_based_ifho_because_no_cell_good_enough_due_to_ptxtotal_for_nrt	nok_nkcel_intrainternrt_tab.xjiviajafq2ahdvuj02uauibev	INTEGER	#	The number of times when an inter-frequency HHO measurement due to Load Based HO reason PtxTotal > PtxTarget + LHOpwrOffsetDL ends without making an inter- frequency HHO attempt, because no cell is good enough for inter-frequency HHO - for UEs with NRT connection.	Sum, nkcttbh, nkrttbh, tot
not_started_load_based_ifho_because_no_cell_good_enough_due_to_reservation_rate_sc_for_nrt	nok_nkcel_intrainternrt_tab.xjiviapafq2ahdvuj02uauibev	INTEGER	#	The number of times when an inter-frequency HHO measurement due to Load Based HO reason ReservationRateSC > LHOresRateSC ends without making an	Sum, nkcttbh, nkrttbh, tot

				inter-frequency HHO attempt, because no cell is good enough for inter- frequency HHO - for UEs with NRT connection.	
not_started_load_based_ifho_no_cell_good_enough_due_hw_or_logical_resource_limit_for_nrt	nok_nkcel_intrainternrt_tab.xjiviarafq2ahdvuj02uauibev	INTEGER	#	[not_started_load_based_ifho_because_no_cell_good_enough_due_to_hw_or_logical_resource_limitation_for_nrt] - The number of times when an inter-frequency HHO measurement due to Load Based HO reason HW or logical resource limitation ends without making an inter-frequency HHO attempt, because no cell is good enough for inter- frequency HHO - for UEs with NRT connection.	Sum, nkcttbh, nkrttbh, tot
not_started_service_based_ifho_because_no_cell_good_enough_for_nrt	nok_nkcel_intrainternrt_tab.xjiviatafq2ahdvuj02uauibev	INTEGER	#	The number of times when an inter-frequency HHO measurement due to Service Based ends without making an inter-frequency HHO attempt, because no cell is good enough for inter-frequency HHO - for UEs with NRT connection.	Sum, nkcttbh, nkrttbh, tot
rrc_con_nection_drops_ifho_caused_by_capa_rejection_dl_for_nrt	nok_nkcel_intrainternrt_tab.xjividnafq2ahdvuj02uauibev	INTEGER	#	The number of RRC connection drops during Load Based inter- frequency handover due to	Sum, nkcttbh, nkrttbh, tot

				CapaReqRejRateDL > LHOcapaReqRejRateDL - by UEs with NRT connection.	
rrc_conn_drops_during_inter_rnc_inter_freq_ho_for_nrt	nok_nkcel_intrainternrt_tab.r0lela6ahl26seccb00hw01qk4	INT8	#	RRC connection drops during inter RNC inter BTS intra frequency HHOs for NRT.	Sum, nkcttbh, nkrttbh, tot
rrc_conn_drops_during_intra_rnc_inter_bts_inter_freq_ho_for_nrt	nok_nkcel_intrainternrt_tab.r0j31uxahl26seccb00hw01qk4	INT8	#	RRC connection drops during intra RNC inter BTS inter frequency HHOs for NRT.	Sum, nkcttbh, nkrttbh, tot
rrc_conn_drops_during_intra_rnc_intra_bts_inter_freq_ho_for_nrt	nok_nkcel_intrainternrt_tab.r0gumt6ahl26seccb00hw01qk4	INT8	#	RRC connection drops during intra RNC intra BTS inter frequency HHOs for NRT.	Sum, nkcttbh, nkrttbh, tot
rrc_connection_drops_during_ifho_caused_by_hw_or_logical_resource_limitation_for_nrt	nok_nkcel_intrainternrt_tab.xjividrafq2ahdvuj02uauibev	INTEGER	#	The number of RRC connection drops during Load Based inter- frequency handover due to HW or logical resource limitation - by UEs with NRT connection.	Sum, nkcttbh, nkrttbh, tot
rrc_connection_drops_during_ifho_caused_by_reservation_rate_sc_for_nrt	nok_nkcel_intrainternrt_tab.xjividpafq2ahdvuj02uauibev	INTEGER	#	The number of RRC connection drops during Load Based inter- frequency handover due to ReservationRateSC > LHOresRateSC - by UEs with NRT connection.	Sum, nkcttbh, nkrttbh, tot

rrc_connection_drops_during_inter_freq_ho_caused_by_cpich_ecno_for_nrt	nok_nkcel_intrainternrt_tab.r0enaj2ahl26seccb00hw01qk4	INT8	#	RRC connection drops during inter frequency hard handovers caused by low measured absolute CPICH Ec/No for NRT.	Sum, nkcttbh, nkrttbh, tot
rrc_connection_drops_during_inter_freq_ho_caused_by_cpich_rscp_for_nrt	nok_nkcel_intrainternrt_tab.r0cftblahl26seccb00hw01qk4	INT8	#	RRC connection drops during inter frequency hard handovers caused by low measured absolute CPICH RSCP for NRT.	Sum, nkcttbh, nkrttbh, tot
rrc_connection_drops_during_inter_freq_ho_caused_by_dl_dpch_pwr_for_nrt	nok_nkcel_intrainternrt_tab.r06x3rpahl26seccb00hw01qk4	INT8	#	RRC connection drops during inter frequency hard handovers caused by DL DPCH approaching maximum power capability for NRT.	Sum, nkcttbh, nkrttbh, tot
rrc_connection_drops_during_inter_freq_ho_caused_by_imsi_for_nrt	nok_nkcel_intrainternrt_tab.r0o0d1dahl26seccb00hw01qk4	INT8	#	The number of RRC connection drops during inter-frequency handover caused by IMSI for NRT.	Sum, nkcttbh, nkrttbh, tot
rrc_connection_drops_during_inter_freq_ho_caused_by_ue_trx_pwr_for_nrt	nok_nkcel_intrainternrt_tab.r04u5jtahl26seccb00hw01qk4	INT8	#	RRC connection drops during inter frequency hard handovers caused by UE transmission power approaching maximum power capability for NRT.	Sum, nkcttbh, nkrttbh, tot
rrc_connection_drops_during_inter_freq_ho_caused_by_ul_dch_qual_for_nrt	nok_nkcel_intrainternrt_tab.r02t0hdahl26seccb00hw01qk4	INT8	#	RRC connection drops during inter frequency hard handovers caused by UL DCH quality deterioration for NRT.	Sum, nkcttbh, nkrttbh, tot

rrc_connection_drops_during_load_based_ifho_caused_by_prxtotal_for_nrt	nok_nkcel_intrainternrt_tab.xjividhafq2ahdvuj02uauibev	INTEGER	#	The number of RRC connection drops during Load Based inter- frequency handover due to PrxTotal > PrxTarget + LHOpwrOffsetUL - by UEs with NRT connection.	Sum, nkcttbh, nkrttbh, tot
rrc_connection_drops_during_load_based_ifho_caused_by_ptxtotal_for_nrt	nok_nkcel_intrainternrt_tab.xjividjafq2ahdvuj02uauibev	INTEGER	#	The number of RRC connection drops during Load Based inter- frequency handover due to PtxTotal > PtxTarget + LHOpwrOffsetDL - by UEs with NRT connection.	Sum, nkcttbh, nkrttbh, tot
rrc_connection_drops_during_service_based_ifho_for_nrt	nok_nkcel_intrainternrt_tab.xpkmeifafq2ahdvuj02uauibev	INTEGER	#	The number of RRC connection drops during Service Based inter-frequency handover - by UEs with NRT connection.	Sum, nkcttbh, nkrttbh, tot
rrc_connection_drops_ifho_caused_by_capa_rejection_ul_for_nrt	nok_nkcel_intrainternrt_tab.xjividlafq2ahdvuj02uauibev	INTEGER	#	The number of RRC connection drops during Load Based inter- frequency handover due to CapaReqRejRateUL > LHOcapaReqRejRateUL - by UEs with NRT connection.	Sum, nkcttbh, nkrttbh, tot
service_based_ifho_attempts_for_nrt	nok_nkcel_intrainternrt_tab.xjiviblafq2ahdvuj02uauibev	INTEGER	#	The number of Service Based inter-frequency handover	Sum, nkcttbh, nkrttbh,

				attempts - by UEs with NRT connection.	tot
service_based_ifho_meas_with_com_mod_for_nrt	nok_nkcel_intrainternrt_tab.xdi26n0afq2ahdvuj02uauibev	INTEGER	#	The number of Service Based inter-frequency HHO decisions after measuring with compressed mode - by UEs with NRT connection.	Sum, nkcttbh, nkrttbh, tot
service_based_ifho_meas_without_com_mod_for_nrt	nok_nkcel_intrainternrt_tab.xdi26nrafq2ahdvuj02uauibev	INTEGER	#	The number of Service Based inter-frequency HHO decisions after measuring without compressed mode - by UEs with NRT connection.	Sum, nkcttbh, nkrttbh, tot
successful_ifho_caused_by_capa_rejection_dl_for_nrt	nok_nkcel_intrainternrt_tab.xjivic4afq2ahdvuj02uauibev	INTEGER	#	The number of successful Load Based inter-frequency handover due to CapaReqRejRateDL > LHOcapaReqRejRateDL - by UEs with NRT connection.	Sum, nkcttbh, nkrttbh, tot
successful_ifho_caused_by_capa_rejection_ul_for_nrt	nok_nkcel_intrainternrt_tab.xjivic2afq2ahdvuj02uauibev	INTEGER	#	The number of successful Load Based inter-frequency handover due to CapaReqRejRateUL > LHOcapaReqRejRateUL - by UEs with NRT connection.	Sum, nkcttbh, nkrttbh, tot
successful_ifho_caused_by_hw_or_logical_resource_limitation_for_nrt	nok_nkcel_intrainternrt_tab.xjivicbafq2ahdvuj02uauibev	INTEGER	#	The number of successful Load Based inter-frequency handover	Sum, nkcttbh, nkrttbh, tot

				due to HW or logical resource limitation - by UEs with NRT connection.	
successful_ifho_caused_by_reservation_rate_sc_for_nrt	nok_nkcel_intrainternrt_tab.xjivic6afq2ahdvuj02uauibev	INTEGER	#	The number of successful Load Based inter-frequency handover due to ReservationRateSC > LHOresRateSC - by UEs with NRT connection.	Sum, nkcttbh, nkrttbh, tot
successful_inter_freq_handovers_caused_by_cpich_ecno_for_nrt	nok_nkcel_intrainternrt_tab.r0dio1pahl26seccb00hw01qk4	INT8	#	Successful inter frequency hard handovers caused by low measured absolute CPICH Ec/No for NRT.	Sum, nkcttbh, nkrttbh, tot
successful_inter_freq_handovers_caused_by_cpich_rscp_for_nrt	nok_nkcel_intrainternrt_tab.r0bcscxahl26seccb00hw01qk4	INT8	#	Successful inter frequency hard handovers caused by low measured absolute CPICH RSCP for NRT.	Sum, nkcttbh, nkrttbh, tot
successful_inter_freq_handovers_caused_by_dl_dpch_pwr_for_nrt	nok_nkcel_intrainternrt_tab.r05vld2ahl26seccb00hw01qk4	INT8	#	Successful inter frequency hard handovers caused by DL DPCH approaching maximum power capability for NRT.	Sum, nkcttbh, nkrttbh, tot
successful_inter_freq_handovers_caused_by_imsi_for_nrt	nok_nkcel_intrainternrt_tab.r0mg236ahl26seccb00hw01qk4	INT8	#	The number of successful inter-frequency handovers caused by IMSI for NRT.	Sum, nkcttbh, nkrttbh, tot

This edition applies to IBM® Tivoli® Netcool® Performance Manager for Wireless and to all subsequent releases and modifications until otherwise indicated in new editions.

successful_inter_freq_handovers_caused_by_ue_trx_pwr_for_nrt	nok_nkcel_intrainternrt_tab.r03t1ahahl26seccb00hw01qk4	INT8	#	Successful inter frequency hard handovers caused by UE transmission power approaching maximum power capability for NRT.	Sum, nkcttbh, nkrttbh, tot
successful_inter_freq_handovers_caused_by_ul_dch_qual_for_nrt	nok_nkcel_intrainternrt_tab.r01s30dahl26seccb00hw01qk4	INT8	#	Successful inter frequency hard handovers caused by UL DCH quality deterioration for NRT.	Sum, nkcttbh, nkrttbh, tot
successful_inter_rnc_inter_freq_ho_for_nrt	nok_nkcel_intrainternrt_tab.r0kasbhahl26seccb00hw01qk4	INT8	#	Successful inter RNC inter BTS inter frequency HHOs for NRT.	Sum, nkcttbh, nkrttbh, tot
successful_intra_rnc_inter_bts_inter_freq_ho_for_nrt	nok_nkcel_intrainternrt_tab.r0i0a4pahl26seccb00hw01qk4	INT8	#	Successful intra RNC inter BTS inter frequency HHOs for NRT.	Sum, nkcttbh, nkrttbh, tot
successful_intra_rnc_intra_bts_inter_freq_ho_for_nrt	nok_nkcel_intrainternrt_tab.r0fqj2hahl26seccb00hw01qk4	INT8	#	Successful intra RNC inter BTS inter frequency HHOs for NRT.	Sum, nkcttbh, nkrttbh, tot
successful_load_based_ifho_caused_by_prxtotal_for_nrt	nok_nkcel_intrainternrt_tab.xjivibxafq2ahdvuj02uauibev	INTEGER	#	The number of successful Load Based inter-frequency handover due to PrxTotal > PrxTarget + LHOpwrOffsetUL - by UEs with NRT connection.	Sum, nkcttbh, nkrttbh, tot
successful_load_based_ifho_caused_by_ptxtotal_for_nrt	nok_nkcel_intrainternrt_tab.xjivic0afq2ahdvuj02uauibev	INTEGER	#	The number of successful Load Based inter-frequency handover due to PtxTotal > PtxTarget + LHOpwrOffsetDL - by UEs with NRT	Sum, nkcttbh, nkrttbh, tot

				connection.	
successful_service_based_ifho_for_nrt	nok_nkcel_intrainternrt_tab.xjivicdafq2ahdvuj02uauibev	INTEGER	#	The number of successful Service Based inter-frequency handover - by UEs with NRT connection.	Sum, nkcttbh, nkrttbh, tot
unsuccessful_ifho_caused_by_capa_rejection_dl_for_nrt	nok_nkcel_intrainternrt_tab.xjivicvafq2ahdvuj02uauibev	INTEGER	#	The number of unsuccessful Load Based inter-frequency handovers due to CapaReqRejRateDL > LHOcapaReqRejRateDL - by UEs with NRT connection. --- If the UE fails to establish the physical channel(s) indicated in the handover command, the UE will revert to the configuration prior to the reception of the handover command (old configuration) and transmit a failure message to the source RNC. The hard handover procedure ends and the UE resumes the normal operation as if no hard handover attempt had occurred.	Sum, nkcttbh, nkrttbh, tot
unsuccessful_ifho_caused_by_capa_rejection_ul_for_n	nok_nkcel_intrainternrt_tab.xjivictafq2ahdvuj02uauibev	INTEGER	#	The number of unsuccessful Load Based inter-	Sum, nkcttbh, nkrttbh,

rt				frequency handovers due to CapaReqRejRateUL > LHOcapaReqRejRateUL - by UEs with NRT connection. --- If the UE fails to establish the physical channel(s) indicated in the handover command, the UE will revert to the configuration prior to the reception of the handover command (old configuration) and transmit a failure message to the source RNC. The hard handover procedure ends and the UE resumes the normal operation as if no hard handover attempt had occurred.	tot
unsuccessful_ifho_caused_by_hw_or_logical_resource_limitation_for_nrt	nok_nkcel_intrainternrt_tab.xjivid0afq2ahdvuj02uauibev	INTEGER	#	The number of unsuccessful Load Based inter-frequency handovers due to HW or logical resource limitation - by UEs with NRT connection. --- If the UE fails to establish the physical channel(s) indicated in the handover command, the UE will revert to the configuration prior to the reception of the handover command (old configuration) and transmit a failure	Sum, nkcttbh, nkrttbh, tot

				message to the source RNC. The hard handover procedure ends and the UE resumes the normal operation as if no hard handover attempt had occurred.	
unsuccessful_ifho_caused_by_reservation_rate_sc_for_nrt	nok_nkcel_intrainternrt_tab.xjivicxafq2ahdvuj02uauibev	INTEGER	#	The number of unsuccessful Load Based inter-frequency handovers due to ReservationRateSC > LHOresRateSC - by UEs with NRT connection. --- If the UE fails to establish the physical channel(s) indicated in the handover command, the UE will revert to the configuration prior to the reception of the handover command (old configuration) and transmit a failure message to the source RNC. The hard handover procedure ends and the UE resumes the normal operation as if no hard handover attempt had occurred.	Sum, nkcttbh, nkrttbh, tot
unsuccessful_inter_freq_handovers_caused_by_cpich_ecno_for_nrt	nok_nkcel_intrainternrt_tab.r0e1ojlahl26seccb00hw01qk4	INT8	#	Unsuccessful inter frequency hard handovers caused by low measured	Sum, nkcttbh, nkrttbh, tot

This edition applies to IBM® Tivoli® Netcool® Performance Manager for Wireless and to all subsequent releases and modifications until otherwise indicated in new editions.

				absolute CPICH Ec/ No for NRT.	
unsuccessful_inter_freq_handovers_caused_by_cpich_rscp_for_nrt	nok_nkcel_intrainternrt_tab.r0butmpahl26seccb00hw01qk4	INT8	#	Unsuccessful inter frequency hard handovers caused by low measured absolute CPICH RSCP for NRT.	Sum, nkcttbh, nkrttbh, tot
unsuccessful_inter_freq_handovers_caused_by_dl_dpch_pwr_for_nrt	nok_nkcel_intrainternrt_tab.r06g0q2ahl26seccb00hw01qk4	INT8	#	Unsuccessful inter frequency hard handovers caused by DL DPCH approaching maximum power capability for NRT.	Sum, nkcttbh, nkrttbh, tot
unsuccessful_inter_freq_handovers_caused_by_imsi_for_nrt	nok_nkcel_intrainternrt_tab.r0mwao2ahl26seccb00hw01qk4	INT8	#	The number of unsuccessful inter-frequency handovers caused by IMSI for NRT. If the UE fails to establish the physical channel(s) indicated in the handover command, the UE will revert to the configuration prior to the reception of the handover command (old configuration) and transmit a failure message to the source RNC. The hard handover procedure ends and the UE resumes the normal operation as if no hard handover attempt had occurred.	Sum, nkcttbh, nkrttbh, tot
unsuccessful_inter_freq_handovers_caused_by_ue_trx_pwr_for_nrt	nok_nkcel_intrainternrt_tab.r04dtr2ahl26seccb00hw01qk4	INT8	#	Unsuccessful inter frequency hard handovers caused by UE transmission	Sum, nkcttbh, nkrttbh, tot

				power approaching maximum power capability for NRT.	
unsuccessful_inter_freq_handovers_caused_by_ul_dch_qual_for_nrt	nok_nkcel_intrainternrt_tab.r02caehahl26seccb00hw01qk4	INT8	#	Unsuccessful inter frequency hard handovers caused by UL DCH quality deterioration for NRT.	Sum, nkcttbh, nkrttbh, tot
unsuccessful_inter_rnc_inter_freq_ho_for_nrt	nok_nkcel_intrainternrt_tab.r0kt1epahl26seccb00hw01qk4	INT8	#	Unsuccessful inter RNC inter BTS inter frequency HHOs for NRT.	Sum, nkcttbh, nkrttbh, tot
unsuccessful_intra_rnc_inter_bts_inter_freq_ho_for_nrt	nok_nkcel_intrainternrt_tab.r0ikc2pahl26seccb00hw01qk4	INT8	#	Unsuccessful intra RNC inter BTS inter frequency HHOs for NRT.	Sum, nkcttbh, nkrttbh, tot
unsuccessful_intra_rnc_intra_bts_inter_freq_ho_for_nrt	nok_nkcel_intrainternrt_tab.r0gclvxahl26seccb00hw01qk4	INT8	#	Unsuccessful intra RNC intra BTS inter frequency HHOs for NRT.	Sum, nkcttbh, nkrttbh, tot
unsuccessful_load_based_ifho_caused_by_prxtotal_for_nrt	nok_nkcel_intrainternrt_tab.xjivicpafq2ahdvuj02uauibev	INTEGER	#	The number of unsuccessful Load Based inter-frequency handovers due to PrxTotal > PrxTarget + LHOpwrOffsetUL - by UEs with NRT connection. -- - If the UE fails to establish the physical channel(s) indicated in the handover command, the UE will revert to the configuration prior to the reception of the	Sum, nkcttbh, nkrttbh, tot

This edition applies to IBM® Tivoli® Netcool® Performance Manager for Wireless and to all subsequent releases and modifications until otherwise indicated in new editions.

				handover command (old configuration) and transmit a failure message to the source RNC. The hard handover procedure ends and the UE resumes the normal operation as if no hard handover attempt had occurred.	
unsuccessful_load_based_ifho_caused_by_ptxtotal_for_nrt	nok_nkcel_intrainternrt_tab.xjivicrafq2ahdvuj02uauibev	INTEGER	#	The number of unsuccessful Load Based inter-frequency handovers due to PtxTotal > PtxTarget + LHOpwrOffsetDL - by UEs with NRT connection. -- - If the UE fails to establish the physical channel(s) indicated in the handover command, the UE will revert to the configuration prior to the reception of the handover command (old configuration) and transmit a failure message to the source RNC. The hard handover procedure ends and the UE resumes the normal operation as if no hard handover attempt had occurred.	Sum, nkcttbh, nkrttbh, tot
unsuccessful_service_based_ifho_for_nrt	nok_nkcel_intrainternrt_tab.xjivid2afq2ahdvuj02uauibev	INTEGER	#	The number of unsuccessful Service Based inter-frequency handovers - by UEs with NRT connection. --- If the	Sum, nkcttbh, nkrttbh, tot

				UE fails to establish the physical channel(s) indicated in the handover command, the UE will revert to the configuration prior to the reception of the handover command (old configuration) and transmit a failure message to the source RNC. The hard handover procedure ends and the UE resumes the normal operation as if no hard handover attempt had occurred.	

6.6.26 Cell.Nokia.UMTS.intrasys_hho_inter_rt

RT intra-system inter-frequency handover statistics

KPI Name	Expression	Data Type	Units	Description	Aggregation
_%_successful_ifho_caused_by_capa_rejection_dl_for_rt	100 * {successful_ifho_caused_by_capa_rejection_dl_for_rt}/ {load_based_ifho_attempts_caused_by_capa_rejection_dl_for_rt}	FLOAT	%	The percentage of successful Load Based inter-frequency handovers due to CapaReqRejRateDL more than LHOcapaReqRejRateDL - by UEs with RT connection.	Average, avg, nkcttbh, nkrttbh
_%_successful_ifho_caused_by_capa_	100 * {successful_ifho_caused_by_capa_rejection_ul_for_rt	FLOAT	%	The percentage of successful Load Based inter-	Average, avg, nkcttbh,

rejection_ul_for_rt	}/ {load_based_ifho_attempts_caused_by_capa_rejection_ul_for_rt}			frequency handovers due to CapaReqRejRateUL more than LHOcapaReqRejRateUL - by UEs with RT connection.	nkrttbh
_%_successful_inter_freq_handovers_caused_by_imsi_for_rt	100 * {successful_inter_freq_handovers_caused_by_imsi_for_rt}/ {inter_freq_ho_attempts_caused_by_imsi_for_rt}	FLOAT	%	Success rate for inter-frequency handover attempts caused by IMSI for RT.	Average, avg, nkcttbh, nkrttbh
inter_freq_ho_attempts_caused_by_cpich_ecno_for_rt	nok_nkcel_intrahhointrt_tab.r1bd1ihahl26seccb00hw01qk4	INT8	#	Inter frequency HHO attempts caused by low measured absolute CPICH Ec/No for RT.	Sum, nkcttbh, nkrttbh, tot
inter_freq_ho_attempts_caused_by_cpich_rscp_for_rt	nok_nkcel_intrahhointrt_tab.r16atrpahl26seccb00hw01qk4	INT8	#	Inter frequency HHO attempts caused by low measured absolute CPICH RSCP for RT.	Sum, nkcttbh, nkrttbh, tot
inter_freq_ho_attempts_caused_by_dl_dpch_pwr_for_rt	nok_nkcel_intrahhointrt_tab.r145cf2ahl26seccb00hw01qk4	INT8	#	Inter frequency HHO attempts caused by DL DPCH approaching maximum power capability for RT.	Sum, nkcttbh, nkrttbh, tot
inter_freq_ho_attempts_caused_by_imsi_for_rt	nok_nkcel_intrahhointrt_tab.r1jlyb6ahl26seccb00hw01qk4	INT8	#	The number of inter-frequency handover attempts caused by IMSI for RT.	Sum, nkcttbh, nkrttbh, tot
inter_freq_ho_attempts_caused_by_ue_trx_pwr_for_rt	nok_nkcel_intrahhointrt_tab.r11v34tahl26seccb00hw01qk4	INT8	#	Inter frequency HHO attempts caused by UE transmission power approaching maximum power capability for RT.	Sum, nkcttbh, nkrttbh, tot
inter_freq_ho_attempts_caused_by_u	nok_nkcel_intrahhointrt_tab.r0y2rsdahl26seccb00hw0	INT8	#	Inter frequency HHO attempts caused by	Sum, nkcttbh,

l_dch_qual_for_rt	1qk4			UL DCH quality deterioration for RT.	nkrttbh, tot
inter_freq_ho_decisions_after_comp_mode_meas_due_to_cpich_ecno_for_rt	nok_nkcel_intrahhointrt_tab.r0se45hahl26seccb00hw01qk4	INT8	#	Number of started inter frequency HHO measurements with compressed mode due to low measured CPICH Ec/No by the UEs for RT.	Sum, nkcttbh, nkrttbh, tot
inter_freq_ho_decisions_after_comp_mode_meas_due_to_cpich_rscp_for_rt	nok_nkcel_intrahhointrt_tab.r0rnumlahl26seccb00hw01qk4	INT8	#	Number of started inter frequency HHO measurements with compressed mode due to low measured CPICH RSCP by the UEs for RT.	Sum, nkcttbh, nkrttbh, tot
inter_freq_ho_decisions_after_comp_mode_meas_due_to_dl_dpch_pwr_for_rt	nok_nkcel_intrahhointrt_tab.r0r3rkdahl26seccb00hw01qk4	INT8	#	Number of started inter frequency HHO measurements with compressed mode due to DL DPCH by the UEs for RT.	Sum, nkcttbh, nkrttbh, tot
inter_freq_ho_decisions_after_comp_mode_meas_due_to_imsi_for_rt	nok_nkcel_intrahhointrt_tab.r1mbxuhahl26seccb00hw01qk4	INT8	#	The number of inter-frequency HHO decisions after measuring with compressed mode due to IMSI - for UEs with RT connection.	Sum, nkcttbh, nkrttbh, tot
inter_freq_ho_decisions_after_comp_mode_meas_due_to_ue_trx_pwr_for_rt	nok_nkcel_intrahhointrt_tab.r0qmjc6ahl26seccb00hw01qk4	INT8	#	Number of started inter frequency HHO measurements with compressed mode due to UE transmission power approaches its maximum power	Sum, nkcttbh, nkrttbh, tot

				capability.	
inter_freq_ho_decisions_after_comp_mode_meas_due_to_ul_dch_qual_for_rt	nok_nkcel_intrahhointrt_tab.r0q36i2ahl26seccb00hw01qk4	INT8	#	Number of started inter frequency HHO measurements with compressed mode due to quality deterioration report from outerloop power control by the UEs for RT.	Sum, nkcttbh, nkrttbh, tot
inter_freq_ho_decisions_after_meas_without_comp_mode_due_to_cpich_ecno_for_rt	nok_nkcel_intrahhointrt_tab.r0uumwtahl26seccb00hw01qk4	INT8	#	Number of started inter frequency HHO measurements without compressed mode due to low measured CPICH Ec/No by the UEs for RT.	Sum, nkcttbh, nkrttbh, tot
inter_freq_ho_decisions_after_meas_without_comp_mode_due_to_cpich_rscp_for_rt	nok_nkcel_intrahhointrt_tab.r0uehd2ahl26seccb00hw01qk4	INT8	#	Number of started inter frequency HHO measurements without compressed mode due to low measured CPICH RSCP by the UEs for RT.	Sum, nkcttbh, nkrttbh, tot
inter_freq_ho_decisions_after_meas_without_comp_mode_due_to_dl_dpch_pwr_for_rt	nok_nkcel_intrahhointrt_tab.r0tud6hahl26seccb00hw01qk4	INT8	#	Number of started inter frequency HHO measurements without compressed mode due to DL DPCH by the UEs for RT.	Sum, nkcttbh, nkrttbh, tot
inter_freq_ho_decisions_after_meas_without_comp_mode_due_to_imsi_for_rt	nok_nkcel_intrahhointrt_tab.r1mse4xahl26seccb00hw01qk4	INT8	#	The number of inter-frequency HHO decisions after measuring without compressed mode due to IMSI - for UEs with RT connection.	Sum, nkcttbh, nkrttbh, tot
inter_freq_ho_deci	nok_nkcel_intrahhointrt_ta	INT8	#	Number of started	Sum,

sions_after_meas_without_comp_mode_due_to_ue_trx_pwr_for_rt	b.r0teantahl26seccb00hw01qk4			inter frequency HHO measurements without compressed mode due to UE transmission power approaches its maximum power capability.	nkcttbh, nkrttbh, tot
inter_freq_ho_decisions_after_meas_without_comp_mode_due_to_ul_dch_qual_for_rt	nok_nkcel_intrahhointrt_tab.r0su666ahl26seccb00hw01qk4	INT8	#	Number of started inter frequency HHO measurements without compressed mode due to quality deterioration report from outerloop power control by the UEs for RT.	Sum, nkcttbh, nkrttbh, tot
inter_rnc_inter_freq_ho_attempts_for_rt	nok_nkcel_intrahhointrt_tab.r1hjv5pahl26seccb00hw01qk4	INT8	#	Inter RNC inter BTS inter frequency HHO attempts for RT.	Sum, nkcttbh, nkrttbh, tot
intra_rnc_inter_bts_inter_freq_ho_attempts_for_rt	nok_nkcel_intrahhointrt_tab.r1fh2adahl26seccb00hw01qk4	INT8	#	Intra RNC inter BTS inter frequency HHO attempts for RT.	Sum, nkcttbh, nkrttbh, tot
intra_rnc_intra_bts_inter_freq_ho_attempts_for_rt	nok_nkcel_intrahhointrt_tab.r1deoudahl26seccb00hw01qk4	INT8	#	Intra RNC intra BTS inter frequency HHO attempts for RT.	Sum, nkcttbh, nkrttbh, tot
load_based_ifho_attempts_caused_by_capa_rejection_dl_for_rt	nok_nkcel_intrahhointrt_tab.uaqad621im2ahsxr0035xkcuai	INTEGER	#	The number of Load Based inter-frequency handover attempts due to CapaReqRejRateDL more than LHOcapaReqRejRateDL - by UEs with RT connection.	Sum, nkcttbh, nkrttbh, tot

This edition applies to IBM® Tivoli® Netcool® Performance Manager for Wireless and to all subsequent releases and modifications until otherwise indicated in new editions.

load_based_ifho_attempts_caused_by_capa_rejection_ul_for_rt	nok_nkcel_intrahhointrt_tab.uaqad601im2ahsxr0035xkcuai	INTEGER	#	The number of Load Based inter-frequency handover attempts due to CapaReqRejRateUL more than LHOcapaReqRejRateUL - by UEs with RT connection.	Sum, nkcttbh, nkrttbh, tot
load_based_ifho_attempts_caused_by_hw_or_logical_resource_limitation_for_rt	nok_nkcel_intrahhointrt_tab.xjivib2afq2ahdvuj02uauibev	INTEGER	#	The number of Load Based inter-frequency handover attempts due to HW or logical resource limitation - by UEs with RT connection.	Sum, nkcttbh, nkrttbh, tot
load_based_ifho_attempts_caused_by_prxtotal_for_rt	nok_nkcel_intrahhointrt_tab.xjiviavafq2ahdvuj02uauibev	INTEGER	#	The number of Load Based inter-frequency handover attempts due to PrxTotal > PrxTarget + LHOpwrOffsetUL - by UEs with RT connection.	Sum, nkcttbh, nkrttbh, tot
load_based_ifho_attempts_caused_by_ptxtotal_for_rt	nok_nkcel_intrahhointrt_tab.xjiviaxafq2ahdvuj02uauibev	INTEGER	#	The number of Load Based inter-frequency handover attempts due to PtxTotal > PtxTarget + LHOpwrOffsetDL - by UEs with RT connection.	Sum, nkcttbh, nkrttbh, tot
load_based_ifho_attempts_caused_by_reservation_rate_sc_for_rt	nok_nkcel_intrahhointrt_tab.xjivib0afq2ahdvuj02uauibev	INTEGER	#	The number of Load Based inter-frequency handover attempts due to ReservationRateSC > LHOresRateSC - by UEs with RT connection.	Sum, nkcttbh, nkrttbh, tot
load_based_ifho_meas_with_com_mod_due_to_capa_re	nok_nkcel_intrahhointrt_tab.uaqad5p1im2ahsxr0035xkcuai	INTEGER	#	The number of Load Based inter-frequency HHO	Sum, nkcttbh, nkrttbh,

jection_dl_for_rt				decisions after measuring with compressed mode due to CapaReqRejRateDL more than LHOcapaReqRejRateDL - by UEs with RT connection.	tot
load_based_ifho_meas_with_com_mod_due_to_capa_rejection_ul_for_rt	nok_nkcel_intrahhointrt_tab.uaqad5n1im2ahsxr0035xkcuai	INTEGER	#	The number of Load Based inter-frequency HHO decisions after measuring with compressed mode due to CapaReqRejRateUL more than LHOcapaReqRejRateUL - by UEs with RT connection.	Sum, nkcttbh, nkrttbh, tot
load_based_ifho_meas_with_com_mod_due_to_hw_or_logical_resource_limitation_for_rt	nok_nkcel_intrahhointrt_tab.xdi26mjafq2ahdvuj02uauibev	INTEGER	#	The number of Load Based inter-frequency HHO decisions after measuring with compressed mode due to HW or logical resource limitation - by UEs with RT connection.	Sum, nkcttbh, nkrttbh, tot
load_based_ifho_meas_with_com_mod_due_to_prxtotal_for_rt	nok_nkcel_intrahhointrt_tab.xdi26mdafq2ahdvuj02uauibev	INTEGER	#	The number of Load Based inter-frequency HHO decisions after measuring with compressed mode due to PrxTotal > PrxTarget +	Sum, nkcttbh, nkrttbh, tot

This edition applies to IBM® Tivoli® Netcool® Performance Manager for Wireless and to all subsequent releases and modifications until otherwise indicated in new editions.

				LHOpwrOffsetUL - by UEs with RT connection.	
load_based_ifho_meas_with_com_mod_due_to_ptxtotal_for_rt	nok_nkcel_intrahhointrt_tab.xdi26mfafq2ahdvuj02uauibev	INTEGER	#	The number of Load Based inter-frequency HHO decisions after measuring with compressed mode due to PtxTotal > PtxTarget + LHOpwrOffsetDL - by UEs with RT connection.	Sum, nkcttbh, nkrttbh, tot
load_based_ifho_meas_with_com_mod_due_to_reservation_rate_sc_for_rt	nok_nkcel_intrahhointrt_tab.xdi26mhafq2ahdvuj02uauibev	INTEGER	#	The number of Load Based inter-frequency HHO decisions after measuring with compressed mode due to ReservationRateSC > LHOresRateSC - by UEs with RT connection.	Sum, nkcttbh, nkrttbh, tot
load_based_ifho_meas_without_com_mod_due_to_capa_rejection_dl_for_rt	nok_nkcel_intrahhointrt_tab.uaqad5t1im2ahsxr0035xkcuai	INTEGER	#	The number of Load Based inter-frequency HHO decisions after measuring without compressed mode due to CapaReqRejRateDL more than LHOcapaReqRejRateDL - by UEs with RT connection.	Sum, nkcttbh, nkrttbh, tot
load_based_ifho_meas_without_com_mod_due_to_capa_rejection_ul_for_rt	nok_nkcel_intrahhointrt_tab.uaqad5r1im2ahsxr0035xkcuai	INTEGER	#	The number of Load Based inter-frequency HHO decisions after measuring without compressed mode	Sum, nkcttbh, nkrttbh, tot

				due to CapaReqRejRateUL more than LHOcapaReqRejRateUL - by UEs with RT connection.	
load_based_ifho_meas_without_com_mod_due_to_hw_or_logical_resource_limitation_for_rt	nok_nkcel_intrahhointrt_tab.xdi26nbafq2ahdvuj02uauibev	INTEGER	#	The number of Load Based inter-frequency HHO decisions after measuring without compressed mode due to HW or logical resource limitation - by UEs with RT connection.	Sum, nkcttbh, nkrttbh, tot
load_based_ifho_meas_without_com_mod_due_to_prxtotal_for_rt	nok_nkcel_intrahhointrt_tab.xdi26n2afq2ahdvuj02uauibev	INTEGER	#	The number of Load Based inter-frequency HHO decisions after measuring without compressed mode due to PrxTotal > PrxTarget + LHOpwrOffsetUL - by UEs with RT connection.	Sum, nkcttbh, nkrttbh, tot
load_based_ifho_meas_without_com_mod_due_to_ptxtotal_for_rt	nok_nkcel_intrahhointrt_tab.xdi26n4afq2ahdvuj02uauibev	INTEGER	#	The number of Load Based inter-frequency HHO decisions after measuring without compressed mode due to PtxTotal > PtxTarget + LHOpwrOffsetDL - by UEs with RT connection.	Sum, nkcttbh, nkrttbh, tot

This edition applies to IBM® Tivoli® Netcool® Performance Manager for Wireless and to all subsequent releases and modifications until otherwise indicated in new editions.

load_based_ifho_meas_without_com_mod_due_to_reservation_rate_sc_for_rt	nok_nkcel_intrahhointrt_tab.xdi26n6afq2ahdvuj02uauibev	INTEGER	#	The number of Load Based inter-frequency HHO decisions after measuring without compressed mode due to ReservationRateSC > LHOresRateSC - by UEs with RT connection.	Sum, nkcttbh, nkrttbh, tot
not_started_inter_freq_hho_bec_of_no_cell_good_enough_due_to_cpich_ecno_for_rt	nok_nkcel_intrahhointrt_tab.r0xghy6ahl26seccb00hw01qk4	INT8	#	When no neighbouring cell is good enough for inter frequency HHO for RT, and the inter frequency measurement was triggered due to low measured CPICH Ec/No.	Sum, nkcttbh, nkrttbh, tot
not_started_inter_freq_hho_bec_of_no_cell_good_enough_due_to_cpich_rscp_for_rt	nok_nkcel_intrahhointrt_tab.r0wwcd6ahl26seccb00hw01qk4	INT8	#	When no neighbouring cell is good enough for inter frequency HHO for RT, and the inter frequency measurement was triggered due to low measured CPICH RSCP.	Sum, nkcttbh, nkrttbh, tot
not_started_inter_freq_hho_bec_of_no_cell_good_enough_due_to_dl_dpch_pwr_for_rt	nok_nkcel_intrahhointrt_tab.r0wg4ypahl26seccb00hw01qk4	INT8	#	When no neighbouring cell is good enough for inter frequency HHO for RT, and the inter frequency measurement was triggered due to DL DPCH.	Sum, nkcttbh, nkrttbh, tot
not_started_inter_freq_hho_bec_of_no_cell_good_enou	nok_nkcel_intrahhointrt_tab.r1ncpvdahl26seccb00hw01qk4	INT8	#	The number of times when an inter-frequency HHO	Sum, nkcttbh, nkrttbh,

gh_due_to_imsi_for_rt				measurement due to IMSI ends without making an inter-frequency HHO attempt, because no cell is good enough for inter- frequency HHO for UEs with RT connection.	tot
not_started_inter_freq_hho_bec_of_no_cell_good_enough_due_to_ue_trx_pwr_for_rt	nok_nkcel_intrahhointrt_tab.r0vuyr2ahl26seccb00hw01qk4	INT8	#	When no neighbouring cell is good enough for inter frequency HHO for RT, and the inter frequency measurement was triggered due to UE transmission power approaches its maximum power capability.	Sum, nkcttbh, nkrttbh, tot
not_started_inter_freq_hho_bec_of_no_cell_good_enough_due_to_ul_dch_qual_for_rt	nok_nkcel_intrahhointrt_tab.r0vepmtahl26seccb00hw01qk4	INT8	#	When no neighbouring cell is good enough for inter frequency HHO for RT, and the inter frequency measurement was triggered by a quality deterioration report from outer loop power control.	Sum, nkcttbh, nkrttbh, tot
not_started_load_based_ifho_because_no_cell_good_enough_due_to_capa_rejection_dl_for_rt	nok_nkcel_intrahhointrt_tab.uaqad5x1im2ahsxr0035xkcuai	INTEGER	#	The number of times that an inter-frequency HHO measurement due to Load Based HO reason CapaReqRejRateDL	Sum, nkcttbh, nkrttbh, tot

				more than LHOcapaReqRejRateDL ends without making an interfrequency HHO attempt, because no cell is good enough for inter-frequency HHO - for UEs with RT connection.	
not_started_load_based_ifho_because_no_cell_good_enough_due_to_capa_rejection_ul_for_rt	nok_nkcel_intrahhointrt_tab.uaqad5v1im2ahsxr0035xkcuai	INTEGER	#	The number of times that an inter-frequency HHO measurement due to Load Based HO reason CapaReqRejRateUL more than LHOcapaReqRejRateUL ends without making an interfrequency HHO attempt, because no cell is good enough for inter-frequency HHO - for UEs with RT connection.	Sum, nkcttbh, nkrttbh, tot
not_started_load_based_ifho_because_no_cell_good_enough_due_to_prxtotal_for_rt	nok_nkcel_intrahhointrt_tab.xjivia4afq2ahdvuj02uauibev	INTEGER	#	The number of times when an inter-frequency HHO measurement due to Load Based HO reason PrxTotal > PrxTarget + LHOpwrOffsetUL ends without making an inter- frequency HHO attempt, because no cell is good enough for inter-frequency HHO - for UEs with RT connection.	Sum, nkcttbh, nkrttbh, tot
not_started_load_b	nok_nkcel_intrahhointrt_ta	INTEG	#	The number of times	Sum,

ased_ifho_because_no_cell_good_enough_due_to_ptxtotal_for_rt	b.xjivia6afq2ahdvuj02uauibev	ER		when an inter-frequency HHO measurement due to Load Based HO reason PtxTotal > PtxTarget + LHOpwrOffsetDL ends without making an inter- frequency HHO attempt, because no cell is good enough for inter-frequency HHO - for UEs with RT connection.	nkcttbh, nkrttbh, tot
not_started_load_based_ifho_because_no_cell_good_enough_due_to_reservation_rate_sc_for_rt	nok_nkcel_intrahhointrt_tab.xjiviabafq2ahdvuj02uauibev	INTEGER	#	The number of times when an inter-frequency HHO measurement due to Load Based HO reason ReservationRateSC > LHOresRateSC ends without making an inter-frequency HHO attempt, because no cell is good enough for inter- frequency HHO - for UEs with RT connection.	Sum, nkcttbh, nkrttbh, tot
not_started_load_based_ifho_no_cell_good_enough_due_hw_or_logical_resource_limit_for_rt	nok_nkcel_intrahhointrt_tab.xjiviadafq2ahdvuj02uauibev	INTEGER	#	[not_started_load_based_ifho_because_no_cell_good_enough_due_to_hw_or_logical_resource_limitation_for_rt] - The number of times when an inter-frequency HHO	Sum, nkcttbh, nkrttbh, tot

				measurement due to Load Based HO reason HW or logical resource limitation ends without making an inter-frequency HHO attempt, because no cell is good enough for inter- frequency HHO - for UEs with RT connection.	
not_started_service_based_ifho_because_no_cell_good_enough_for_rt	nok_nkcel_intrahhointrt_tab.xjiviafafq2ahdvuj02uauibev	INTEGER	#	The number of times when an inter-frequency HHO measurement due to Service Based ends without making an inter-frequency HHO attempt, because no cell is good enough for inter-frequency HHO - for UEs with RT connection.	Sum, nkcttbh, nkrttbh, tot
rrc_conn_drops_during_intra_rnc_inter_bts_inter_freq_ho_for_rt	nok_nkcel_intrahhointrt_tab.r1h0ldxahl26seccb00hw01qk4	INT8	#	RRC connection drops during intra RNC inter BTS inter frequency HHOs for RT.	Sum, nkcttbh, nkrttbh, tot
rrc_conn_drops_during_intra_rnc_intra_bts_inter_freq_ho_for_rt	nok_nkcel_intrahhointrt_tab.r1ewn2hahl26seccb00hw01qk4	INT8	#	RRC connection drops during intra RNC intra BTS inter frequency HHOs for RT.	Sum, nkcttbh, nkrttbh, tot
rrc_connection_drops_during_ifho_caused_by_hw_or_logical_resource_limitation_for_rt	nok_nkcel_intrahhointrt_tab.xjividdafq2ahdvuj02uauibev	INTEGER	#	The number of RRC connection drops during Load Based inter- frequency handover due to HW or logical resource limitation - by UEs	Sum, nkcttbh, nkrttbh, tot

				with RT connection.	
rrc_connection_drops_during_ifho_caused_by_reservation_rate_sc_for_rt	nok_nkcel_intrahhointrt_tab.xjividbafq2ahdvuj02uauibev	INTEGER	#	The number of RRC connection drops during Load Based inter- frequency handover due to ReservationRateSC > LHOresRateSC - by UEs with RT connection.	Sum, nkcttbh, nkrttbh, tot
rrc_connection_drops_during_inter_freq_ho_caused_by_cpich_ecno_for_rt	nok_nkcel_intrahhointrt_tab.r1cuex2ahl26seccb00hw01qk4	INT8	#	RRC connection drops during inter frequency hard handovers caused by low measured absolute CPICH Ec/No for RT.	Sum, nkcttbh, nkrttbh, tot
rrc_connection_drops_during_inter_freq_ho_caused_by_cpich_rscp_for_rt	nok_nkcel_intrahhointrt_tab.r1artilahl26seccb00hw01qk4	INT8	#	RRC connection drops during inter frequency hard handovers caused by low measured absolute CPICH RSCP for RT.	Sum, nkcttbh, nkrttbh, tot
rrc_connection_drops_during_inter_freq_ho_caused_by_dl_dpch_pwr_for_rt	nok_nkcel_intrahhointrt_tab.r15qi1dahl26seccb00hw01qk4	INT8	#	RRC connection drops during inter frequency hard handovers caused by DL DPCH approaching maximum power capability for RT.	Sum, nkcttbh, nkrttbh, tot
rrc_connection_drops_during_inter_freq_ho_caused_by_imsi_for_rt	nok_nkcel_intrahhointrt_tab.r1lroqtahl26seccb00hw01qk4	INT8	#	The number of RRC connection drops during inter-frequency handover caused by IMSI for RT.	Sum, nkcttbh, nkrttbh, tot

This edition applies to IBM® Tivoli® Netcool® Performance Manager for Wireless and to all subsequent releases and modifications until otherwise indicated in new editions.

rrc_connection_drops_during_inter_freq_ho_caused_by_ue_trx_pwr_for_rt	nok_nkcel_intrahhointrt_tab.r13nr1xahl26seccb00hw01qk4	INT8	#	RRC connection drops during inter frequency hard handovers caused by UE transmission power approaching maximum power capability for RT.	Sum, nkcttbh, nkrttbh, tot
rrc_connection_drops_during_inter_freq_ho_caused_by_ul_dch_qual_for_rt	nok_nkcel_intrahhointrt_tab.r11eehxahl26seccb00hw01qk4	INT8	#	RRC connection drops during inter frequency hard handovers caused by UL DCH quality deterioration for RT.	Sum, nkcttbh, nkrttbh, tot
rrc_connection_drops_during_inter_rnc_int_freq_hho_for_rt	nok_nkcel_intrahhointrt_tab.r1j2ow2ahl26seccb00hw01qk4	INT8	#	RRC connection drops during inter RNC inter BTS intra frequency HHOs for RT.	Sum, nkcttbh, nkrttbh, tot
rrc_connection_drops_during_load_based_ifho_caused_by_prxtotal_for_rt	nok_nkcel_intrahhointrt_tab.xjivid4afq2ahdvuj02uauibev	INTEGER	#	The number of RRC connection drops during Load Based inter- frequency handover due to PrxTotal > PrxTarget + LHOpwrOffsetUL - by UEs with RT connection.	Sum, nkcttbh, nkrttbh, tot
rrc_connection_drops_during_load_based_ifho_caused_by_ptxtotal_for_rt	nok_nkcel_intrahhointrt_tab.xjivid6afq2ahdvuj02uauibev	INTEGER	#	The number of RRC connection drops during Load Based inter- frequency handover due to PtxTotal > PtxTarget + LHOpwrOffsetDL - by UEs with RT connection.	Sum, nkcttbh, nkrttbh, tot
rrc_connection_drops_during_service_based_ifho_for_rt	nok_nkcel_intrahhointrt_tab.xjividfafq2ahdvuj02uauibev	INTEGER	#	The number of RRC connection drops during Service Based inter-frequency handover - by UEs with RT connection.	Sum, nkcttbh, nkrttbh, tot

rrc_connection_drops_ifho_caused_by_capa_rejection_dl_for_rt	nok_nkcel_intrahhointrt_tab.uaqad6l1im2ahsxr0035xkcuai	INTEGER	#	The number of RRC connection drops during Load Based interfrequency handover due to CapaReqRejRateDL more than LHOcapaReqRejRateDL - by UEs with RT connection.	Sum, nkcttbh, nkrttbh, tot
rrc_connection_drops_ifho_caused_by_capa_rejection_ul_for_rt	nok_nkcel_intrahhointrt_tab.uaqad6j1im2ahsxr0035xkcuai	INTEGER	#	The number of RRC connection drops during Load Based interfrequency handover due to CapaReqRejRateUL more than LHOcapaReqRejRateUL - by UEs with RT connection.	Sum, nkcttbh, nkrttbh, tot
service_based_ifho_attempts_for_rt	nok_nkcel_intrahhointrt_tab.xjivib4afq2ahdvuj02uauibev	INTEGER	#	The number of Service Based inter-frequency handover attempts - by UEs with RT connection.	Sum, nkcttbh, nkrttbh, tot
service_based_ifho_meas_with_com_mod_for_rt	nok_nkcel_intrahhointrt_tab.xdi26mlafq2ahdvuj02uauibev	INTEGER	#	The number of Service Based inter-frequency HHO decisions after measuring with compressed mode - by UEs with RT connection.	Sum, nkcttbh, nkrttbh, tot
service_based_ifho_meas_without_com_mod_for_rt	nok_nkcel_intrahhointrt_tab.xdi26ndafq2ahdvuj02uauibev	INTEGER	#	The number of Service Based inter-frequency HHO decisions after measuring without	Sum, nkcttbh, nkrttbh, tot

This edition applies to IBM® Tivoli® Netcool® Performance Manager for Wireless and to all subsequent releases and modifications until otherwise indicated in new editions.

				compressed mode - by UEs with RT connection.	
successful_ifho_caused_by_capa_rejection_dl_for_rt	nok_nkcel_intrahhointrt_tab.uaqad661im2ahsxr0035xkcuai	INTEGER	#	The number of successful Load Based inter-frequency handovers due to CapaReqRejRateDL more than LHOcapaReqRejRateDL - by UEs with RT connection.	Sum, nkcttbh, nkrttbh, tot
successful_ifho_caused_by_capa_rejection_ul_for_rt	nok_nkcel_intrahhointrt_tab.uaqad641im2ahsxr0035xkcuai	INTEGER	#	The number of successful Load Based inter-frequency handovers due to CapaReqRejRateUL more than LHOcapaReqRejRateUL - by UEs with RT connection.	Sum, nkcttbh, nkrttbh, tot
successful_ifho_caused_by_hw_or_logical_resource_limitation_for_rt	nok_nkcel_intrahhointrt_tab.xjivibtafq2ahdvuj02uauibev	INTEGER	#	The number of successful Load Based inter-frequency handover due to HW or logical resource limitation - by UEs with RT connection.	Sum, nkcttbh, nkrttbh, tot
successful_ifho_caused_by_reservation_rate_sc_for_rt	nok_nkcel_intrahhointrt_tab.xjivibrafq2ahdvuj02uauibev	INTEGER	#	The number of successful Load Based inter-frequency handover due to ReservationRateSC > LHOresRateSC - by UEs with RT connection.	Sum, nkcttbh, nkrttbh, tot
successful_inter_freq_handovers_caused_by_cpich_ecno	nok_nkcel_intrahhointrt_tab.r1btlb2ahl26seccb00hw01qk4	INT8	#	Successful inter frequency hard handovers caused by	Sum, nkcttbh, nkrttbh,

_for_rt				low measured absolute CPICH Ec/No for RT.	tot
successful_inter_freq_handovers_caused_by_cpich_rscp_for_rt	nok_nkcel_intrahhointrt_tab.r16r5dlahl26seccb00hw01qk4	INT8	#	Successful inter frequency hard handovers caused by low measured absolute CPICH RSCP for RT.	Sum, nkcttbh, nkrttbh, tot
successful_inter_freq_handovers_caused_by_dl_dpch_pwr_for_rt	nok_nkcel_intrahhointrt_tab.r14oql6ahl26seccb00hw01qk4	INT8	#	Successful inter frequency hard handovers caused by DL DPCH approaching maximum power capability for RT.	Sum, nkcttbh, nkrttbh, tot
successful_inter_freq_handovers_caused_by_imsi_for_rt	nok_nkcel_intrahhointrt_tab.r1k3evxahl26seccb00hw01qk4	INT8	#	The number of successful inter-frequency handovers caused by IMSI for RT.	Sum, nkcttbh, nkrttbh, tot
successful_inter_freq_handovers_caused_by_ue_trx_pwr_for_rt	nok_nkcel_intrahhointrt_tab.r12fs2hahl26seccb00hw01qk4	INT8	#	Successful inter frequency hard handovers caused by UE transmission power approaching maximum power capability for RT.	Sum, nkcttbh, nkrttbh, tot
successful_inter_freq_handovers_caused_by_ul_dch_qual_for_rt	nok_nkcel_intrahhointrt_tab.r10c0llahl26seccb00hw01qk4	INT8	#	Successful inter frequency hard handovers caused by UL DCH quality deterioration for RT.	Sum, nkcttbh, nkrttbh, tot
successful_inter_rnc_inter_freq_ho_for_rt	nok_nkcel_intrahhointrt_tab.r1i1qjhahl26seccb00hw01qk4	INT8	#	Successful inter RNC inter BTS inter frequency HHOs for RT.	Sum, nkcttbh, nkrttbh, tot

This edition applies to IBM® Tivoli® Netcool® Performance Manager for Wireless and to all subsequent releases and modifications until otherwise indicated in new editions.

successful_intra_rnc_inter_bts_inter_freq_ho_for_rt	nok_nkcel_intrahhointrt_tab.r1fxmwxahl26seccb00hw01qk4	INT8	#	Successful intra RNC inter BTS inter frequency HHOs for RT.	Sum, nkcttbh, nkrttbh, tot
successful_intra_rnc_intra_bts_inter_freq_ho_for_rt	nok_nkcel_intrahhointrt_tab.r1duykpahl26seccb00hw01qk4	INT8	#	Successful intra RNC inter BTS inter frequency HHOs for RT.	Sum, nkcttbh, nkrttbh, tot
successful_load_based_ifho_caused_by_prxtotal_for_rt	nok_nkcel_intrahhointrt_tab.xjivibnafq2ahdvuj02uauibev	INTEGER	#	The number of successful Load Based inter-frequency handover due to PrxTotal > PrxTarget + LHOpwrOffsetUL - by UEs with RT connection.	Sum, nkcttbh, nkrttbh, tot
successful_load_based_ifho_caused_by_ptxtotal_for_rt	nok_nkcel_intrahhointrt_tab.xjivibpafq2ahdvuj02uauibev	INTEGER	#	The number of successful Load Based inter-frequency handover due to PtxTotal > PtxTarget + LHOpwrOffsetDL - by UEs with RT connection.	Sum, nkcttbh, nkrttbh, tot
successful_service_based_ifho_for_rt	nok_nkcel_intrahhointrt_tab.xjivibvafq2ahdvuj02uauibev	INTEGER	#	The number of successful Service Based inter-frequency handover - by UEs with RT connection.	Sum, nkcttbh, nkrttbh, tot
unsuccessful_ifho_caused_by_capa_rejection_dl_for_rt	nok_nkcel_intrahhointrt_tab.uaqad6h1im2ahsxr0035xkcuai	INTEGER	#	The number of unsuccessful Load Based inter-frequency handovers due to CapaReqRejRateDL more than LHOcapaReqRejRateDL - by UEs with RT connection. --- If the UE fails to	Sum, nkcttbh, nkrttbh, tot

				establish the physical channel(s) indicated in the handover command, the UE will revert to the configuration prior to the receipt of the handover command (old configuration) and transmit a failure message to the source RNC. The hard handover procedure ends and the UE resumes the normal operation as if no hard handover attempt had occurred.	
unsuccessful_ifho_caused_by_capa_rejection_ul_for_rt	nok_nkcel_intrahhointrt_tab.uaqad6f1im2ahsxr0035xkcuai	INTEGER	#	The number of unsuccessful Load Based inter-frequency handovers due to CapaReqRejRateUL more than LHOcapaReqRejRateUL - by UEs with RT connection. --- If the UE fails to establish the physical channel(s) indicated in the handover command, the UE will revert to the configuration prior to the receipt of the handover command (old configuration) and transmit a failure	Sum, nkcttbh, nkrttbh, tot

				message to the source RNC. The hard handover procedure ends and the UE resumes the normal operation as if no hard handover attempt had occurred.	
unsuccessful_ifho_caused_by_hw_or_logical_resource_limitation_for_rt	nok_nkcel_intrahhointrt_tab.xjiviclafq2ahdvuj02uauibev	INTEGER	#	The number of unsuccessful Load Based inter-frequency handovers due to HW or logical resource limitation - by UEs with RT connection. --- If the UE fails to establish the physical channel(s) indicated in the handover command, the UE will revert to the configuration prior to the reception of the handover command (old configuration) and transmit a failure message to the source RNC. The hard handover procedure ends and the UE resumes the normal operation as if no hard handover attempt had occurred.	Sum, nkcttbh, nkrttbh, tot
unsuccessful_ifho_caused_by_reservation_rate_sc_for_rt	nok_nkcel_intrahhointrt_tab.xjivicjafq2ahdvuj02uauibev	INTEGER	#	The number of unsuccessful Load Based inter-frequency handovers due to ReservationRateSC > LHOresRateSC -	Sum, nkcttbh, nkrttbh, tot

				by UEs with RT connection. --- If the UE fails to establish the physical channel(s) indicated in the handover command, the UE will revert to the configuration prior to the reception of the handover command (old configuration) and transmit a failure message to the source RNC. The hard handover procedure ends and the UE resumes the normal operation as if no hard handover attempt had occurred.	
unsuccessful_inter_freq_handovers_caused_by_cpich_ecno_for_rt	nok_nkcel_intrahhointrt_tab.r1ce1mpahl26seccb00hw01qk4	INT8	#	Unsuccessful inter frequency hard handovers caused by low measured absolute CPICH Ec/No for RT.	Sum, nkcttbh, nkrttbh, tot
unsuccessful_inter_freq_handovers_caused_by_cpich_rscp_for_rt	nok_nkcel_intrahhointrt_tab.r1abb3pahl26seccb00hw01qk4	INT8	#	Unsuccessful inter frequency hard handovers caused by low measured absolute CPICH RSCP for RT.	Sum, nkcttbh, nkrttbh, tot
unsuccessful_inter_freq_handovers_caused_by_dl_dpch_pwr_for_rt	nok_nkcel_intrahhointrt_tab.r15a2yxahl26seccb00hw01qk4	INT8	#	Unsuccessful inter frequency hard handovers caused by DL DPCH	Sum, nkcttbh, nkrttbh, tot

				approaching maximum power capability for RT.	
unsuccessful_inter_freq_handovers_caused_by_imsi_for_rt	nok_nkcel_intrahhointrt_tab.r1kmt0lahl26seccb00hw01qk4	INT8	#	The number of unsuccessful inter-frequency handovers caused by IMSI for RT. If the UE fails to establish the physical channel(s) indicated in the handover command, the UE will revert to the configuration prior to the reception of the handover command (old configuration) and transmit a failure message to the source RNC. The hard handover procedure ends and the UE resumes the normal operation as if no hard handover attempt had occurred.	Sum, nkcttbh, nkrttbh, tot
unsuccessful_inter_freq_handovers_caused_by_ue_trx_pwr_for_rt	nok_nkcel_intrahhointrt_tab.r12vvt6ahl26seccb00hw01qk4	INT8	#	Unsuccessful inter frequency hard handovers caused by UE transmission power approaching maximum power capability for RT.	Sum, nkcttbh, nkrttbh, tot
unsuccessful_inter_freq_handovers_caused_by_ul_dch_qual_for_rt	nok_nkcel_intrahhointrt_tab.r10t2c2ahl26seccb00hw01qk4	INT8	#	Unsuccessful inter frequency hard handovers caused by UL DCH quality deterioration for RT.	Sum, nkcttbh, nkrttbh, tot
unsuccessful_inter_rnc_inter_freq_ho_for_rt	nok_nkcel_intrahhointrt_tab.r1ilerxahl26seccb00hw01qk4	INT8	#	Unsuccessful inter RNC inter BTS inter frequency HHOs for	Sum, nkcttbh, nkrttbh,

				RT.	tot
unsuccessful_intra_rnc_inter_bts_inter_freq_ho_for_rt	nok_nkcel_intrahhointrt_tab.r1giktlahl26seccb00hw01qk4	INT8	#	Unsuccessful intra RNC inter BTS inter frequency HHOs for RT.	Sum, nkcttbh, nkrttbh, tot
unsuccessful_intra_rnc_intra_bts_inter_freq_ho_for_rt	nok_nkcel_intrahhointrt_tab.r1ef5m6ahl26seccb00hw01qk4	INT8	#	Unsuccessful intra RNC intra BTS inter frequency HHOs for RT.	Sum, nkcttbh, nkrttbh, tot
unsuccessful_load_based_ifho_caused_by_prxtotal_for_rt	nok_nkcel_intrahhointrt_tab.xjivicfafq2ahdvuj02uauibev	INTEGER	#	The number of unsuccessful Load Based inter-frequency handovers due to PrxTotal > PrxTarget + LHOpwrOffsetUL - by UEs with RT connection. --- If the UE fails to establish the physical channel(s) indicated in the handover command, the UE will revert to the configuration prior to the reception of the handover command (old configuration) and transmit a failure message to the source RNC. The hard handover procedure ends and the UE resumes the normal operation as if no hard handover attempt had occurred.	Sum, nkcttbh, nkrttbh, tot

This edition applies to IBM® Tivoli® Netcool® Performance Manager for Wireless and to all subsequent releases and modifications until otherwise indicated in new editions.

unsuccessful_load_based_ifho_caused_by_ptxtotal_for_rt	nok_nkcel_intrahhointrt_tab.xjivichafq2ahdvuj02uauibev	INTEGER	#	The number of unsuccessful Load Based inter-frequency handovers due to PtxTotal > PtxTarget + LHOpwrOffsetDL - by UEs with RT connection. --- If the UE fails to establish the physical channel(s) indicated in the handover command, the UE will revert to the configuration prior to the reception of the handover command (old configuration) and transmit a failure message to the source RNC. The hard handover procedure ends and the UE resumes the normal operation as if no hard handover attempt had occurred.	Sum, nkcttbh, nkrttbh, tot
unsuccessful_service_based_ifho_for_rt	nok_nkcel_intrahhointrt_tab.xjivicnafq2ahdvuj02uauibev	INTEGER	#	The number of unsuccessful Service Based inter-frequency handovers - by UEs with RT connection. --- If the UE fails to establish the physical channel(s) indicated in the handover command, the UE will revert to the configuration prior to the reception of the handover	Sum, nkcttbh, nkrttbh, tot

				command (old configuration) and transmit a failure message to the source RNC. The hard handover procedure ends and the UE resumes the normal operation as if no hard handover attempt had occurred.	

6.6.27 Cell.Nokia.UMTS.intrasys_hho_intra_nrt

NRT intra-system handover statistics

KPI Name	Expression	Data Type	Units	Description	Aggregation
cell_addition_failure_due_to_sho_incapability_for_nrt	nok_nkcel_intrahhoinnrt_tab.r1pgod6ahl26seccb00hw01qk4	INT8	#	Cell addition failure caused by SHO in capability for NRT. When a UE sends an event 1 A triggered measurement report to the RNC in order to add a cell (which is controlled by another RNC than the local RNC) to the active set but the cell addition is either disabled with the parameter Enable Inter RNC Soft Handover or the inter RNC soft handover is not possible due to IUR transport resource congestion.	Sum, nkcttbh, nkrttbh, tot

				Only the serving RNC (SRNC) can update the counter. This counter is updated in a cell that is the best cell in the active set on SRNC side when the RNC receives the measurement report.	
cell_replacement_failure_due_to_sho_incapability_for_nrt	nok_nkcel_intrahhoinnrt_tab.r1pxafpahl26seccb00hw01qk4	INT8	#	Cell replacement failure caused by SHO incapability for NRT. When a UE sends an event 1C triggered measurement report to the RNC in order to replace a cell in the active set with a non active cell (which is controlled by another RNC than the local RNC), but the cell replacement is either disabled with the parameter Enable Inter RNC Soft Handover or the inter RNC soft handover is not possible due to IUR transport resource congestion. Only the serving RNC (SRNC) can update the counter. This counter is updated in a cell that is the best cell in the active set on SRNC side when the RNC receives the measurement report.	Sum, nkcttbh, nkrttbh, tot
inter_freq_compr_mode_start_not_po	nok_nkcel_intrahhoinnrt_tab.r1owaidahl26seccb00hw	INT8	#	Compressed mode start not possible for	Sum, nkcttbh,

ssible_for_nrt	01qk4			NRT.	nkrttbh, tot
nrt_hho_attempts_due_to_sho_incapability_and_ave_ecno	nok_nkcel_intrahhoinnrt_tab.r1qhuv2ahl26seccb00hw01qk4	INT8	#	HHO attempts caused by SHO incapability for NRT. When the serving RNC starts an inter RNC (intra frequency) hard handover attempt caused by SHO incapability. The parameter HHO Margin forAverage Ec No determines the margin by which the average downlink Ec/No of the target (neighbouring) cell must exceed the average Ec/No of the best active cell before an inter RNC hard handover is possible. Only the SRNC can update the counter. This counter is updated in a cell that is the best cell in the active set on SRNC side when the RNC receives the event 1A or event 1C triggered measurement report.	Sum, nkcttbh, nkrttbh, tot
nrt_hho_attempts_due_to_sho_incapability_and_peak_ecno	nok_nkcel_intrahhoinnrt_tab.r1rkcsxahl26seccb00hw01qk4	INT8	#	Immediate HHO attempts caused by SHO incapability for NRT. When the serving RNC starts	Sum, nkcttbh, nkrttbh, tot

				an immediate inter RNC (intra frequency) hard handover attempt caused by SHO incapability. An immediate HHO attempt is started if the downlink Ec/No of the neighbouring cell exceeds considerably the Ec/No of the best active cell even in one event triggered (event 1A or 1C) measurement report. The parameter HHO Margin for Peak Ec No determines the maximum allowed difference between the downlink Ec/No of the neighbouring cell and the Ec/No of the best active cell in situations when the RNC is not able to perform inter RNC soft handover between these cells. If the difference in downl ink Ec / No values exceeds the value of the parameter, the RNC must perform inter RNC hard handover immediately. Only the SRNC can update the counter. This counter is updated in a cell that is the best cell in the active set on SRNC side when the RNC	

				receives the event 1A or event 1C triggered measurement report.	
rrc_connection_drops_during_hho_caused_by_sho_incapability_for_nrt	nok_nkcel_intrahhoinnrt_tab.r1smk4lahl26seccb00hw01qk4	INT8	#	RRC connection drops during HHO caused by SHO incapability for NRT. When the timer T358 expires on source RNC side. If the timer T358 expires and neither the target RNC has received the handover complete message, or the source RNC has received a failure message from the mobile station, the source and target RNCs may delete the old and new configurations, and the source RNC sends the IU RELEASE REQUEST (RANAP) message to the CN in order to release the IU connections.	Sum, nkcttbh, nkrttbh, tot
successful_hard_handovers_caused_by_sho_incapability_for_nrt	nok_nkcel_intrahhoinnrt_tab.r1qyw2xahl26seccb00hw01qk4	INT8	#	Successful hard handovers caused by SHO incapability for NRT. When the CN (core network) initiates the release of the IU	Sum, nkcttbh, nkrttbh, tot

				connections to the source RNC by sending the IU RELEASECOMMAND (RANAP) message indicating the cause value Successful relocation.	
ue_is_not_able_to_execute_intra_system_hho_for_nrt	nok_nkcel_intrahhoinnrt_tab.r1ofgexahl26seccb00hw01qk4	INT8	#	UE is not able to execute HHO for NRT. When the source RNC receives a handover failure message from the mobile station with the failure cause value Configuration unacceptable. If the UTRAN instructs the mobile station to use a configuration that it does not support, the mobile station will transmit a handover failure on the DCCH to the source RNC. The hard handover procedure ends and the MS resumes the normal operation as if no hard handover attempt had occurred.	Sum, nkcttbh, nkrttbh, tot
unsuccessful_hard_handovers_caused_by_sho_incapability_for_nrt	nok_nkcel_intrahhoinnrt_tab.r1s25cpahl26seccb00hw01qk4	INT8	#	Unsuccessful hard handovers caused by SHO incapability for NRT. When the source RNC receives a failure message from the mobile station with the failure cause value Physical channel	Sum, nkcttbh, nkrttbh, tot

				failure. If the UE fails to establish the physical channel(s) indicated in the handover command, the UE will revert to the configuration prior to the reception of the handover command (old configuration) and transmit a failure message on the DCCH to the source RNC. The hard handover procedure ends and the UE resumes normal operation as if no hard handover attempt had occurred.	
utran_is_not_able_to_execute_intra_system_hho_for_nrt	nok_nkcel_intrahhoinnrt_tab.r1nu5f6ahl26seccb00hw01qk4	INT8	#	The number of intra-system hard handover failures due to UTRAN. --- The failure can occur, for example, due to the following reasons: radio resource congestion in the target cell, radio link setup/addition failure in the target BTS, relocation preparation procedure failure in the CN, or relocation resource allocation	Sum, nkcttbh, nkrttbh, tot

				procedure failure in the target RNC.	

6.6.28 Cell.Nokia.UMTS.intrasys_hho_intra_rt

RT intra-system handover statistics

KPI Name	Expression	Data Type	Units	Description	Aggregation
cell_addition_failure_due_to_sho_incapability_for_rt	nok_nkcel_intrahhoinrt_tab.r1xfqnlahl26seccb00hw01qk4	INT8	#	Cell addition failure caused by SHO incapability for RT. When a UE sends an event 1A triggered measurement report to the RNC in order to add a cell (which is controlled by some other RNC than the local RNC) to the active set, but the cell addition is either disabled with a parameter Enable Inter RNC Soft Handover or inter RNC soft handover is not possible due to IUR transport resource congestion. Only the serving RNC (SRNC) can update the counter. This counter is updated in a cell that is the best cell in the active set on SRNC side when the RNC receives the measurement report.	Sum, nkcttbh, nkrttbh, tot
cell_replacement_failure_due_to_sho_incapability_for_rt	nok_nkcel_intrahhoinrt_tab.r1xx4u6ahl26seccb00hw01qk4	INT8	#	Cell replacement failure caused by SHO incapability for RT. When a UE	Sum, nkcttbh, nkrttbh, tot

				sends an event 1C triggered measurement report to the RNC in order to replace a cell in the active set with a non active cell (which is controlled by another RNC than the local RNC) but the cell replacement is either disabled with a parameter Enable Inter RNC Soft Handover or inter RNC soft handover is not possible due to IUR transport resource congestion. Only the serving RNC (SRNC) can update the counter. This counter is updated in a cell that is the best cell in the active set on SRNC side when the RNC receives the measurement report.	
inter_freq_compr_mode_start_not_possible_for_rt	nok_nkcel_intrahhoinrt_tab.r1u6t4hahl26seccb00hw01qk4	INT8	#	Compressed mode start not possible for RT. When an inter system (inter frequency) HHO measurement cant be activated because compressed mode cant be started.	Sum, nkcttbh, nkrttbh, tot
rrc_connection_drops_during_hho_cau	nok_nkcel_intrahhoinrt_tab.r1wv1fdahl26seccb00hw0	INT8	#	RRC connection drops during HHO	Sum, nkcttbh,

sed_by_sho_incapability_for_rt	1qk4			caused by SHO incapability for RT. When the timer T358 expires on source RNC side. If the timer T358 expires and neither the target RNC has received the handover complete message or the source RNC has received a failure message from the mobile station, the source and target RNCs may delete the old and new configurations, and the source RNC sends the IU RELEASE REQUEST (RANAP) message to the CN in order to release the IU connections.	nkrttbh, tot
rt_hho_attempts_due_to_sho_incapability_and_ave_ecno	nok_nkcel_intrahhoinrt_tab.r1uqdndahl26seccb00hw01qk4	INT8	#	HHO attempts caused by SHO incapability for RT. When the serving RNC starts an inter RNC (intra frequency) hard handover attempt caused by SHO incapability. The parameter HHO Margin forAverage Ec No determines the margin by which the average downlink Ec/No of the target(neighbouring) cell must exceed the average Ec/No of the	Sum, nkcttbh, nkrttbh, tot

				best active cell before inter RNC hard handover is possible. Only the SRNC can update the counter. This counter is updated in a cell that is the best cell in the active set on SRNC side when the RNC receives the event 1A or 1C triggered measurement report.	
rt_hho_attempts_due_to_sho_incapability_and_peak_ecno	nok_nkcel_intrahhoinrt_tab.r1vbhwxahl26seccb00hw01qk4	INT8	#	Immediate HHO attempts caused by SHO incapability for RT. When the serving RNC starts an immediate inter RNC (intra frequency) hard handover attempt caused by SHO incapability. An immediate HHO attempt is started if the downlink Ec/No of the neighbouring cell exceeds considerably the Ec/No of the best active cell even in one event triggered (event 1A or 1C) measurement report. The parameter HHO Margin for Peak Ec No determines the maximum allowed	Sum, nkcttbh, nkrttbh, tot

				difference between the downlink Ec/No of the neighbouring cell and the Ec/No of the best active cell in situations when the RNC is not able to perform inter RNC soft handover between these cells. If the difference in downlink Ec/No values exceeds the value of the parameter, the RNC must perform inter RNC hard handover immediately. Only the SRNC can update the counter. This counter is updated in a cell that is the best cell in the active set on SRNC side when the RNC receives the event 1A or 1C triggered measurement report.	
successful_hard_handovers_caused_by_sho_incapability_for_rt	nok_nkcel_intrahhoinrt_tab.r1vskr2ahl26seccb00hw01qk4	INT8	#	Successful hard handovers caused by SHO incapability for RT. When the CN (core network) initiates the release of the IU connections to the source RNC by sending the IU RELEASECOMMAND (RANAP) message with the cause value Successful relocation.	Sum, nkcttbh, nkrttbh, tot
ue_is_not_able_to_	nok_nkcel_intrahhoinrt_tab	INT8	#	UE is not able to	Sum,

execute_intra_system_hho_for_rt	.r1tp1c2ahl26seccb00hw01qk4			execute HHO for RT. When the source RNC receives a handover failure from the mobile station with the failure cause value Configuration unacceptable . If the UTRAN instructs the mobile station to use a configuration that it does not support, the mobile station transmits a handover failure on the DCCH to the source RNC. The hard handover procedure ends and the MS resumes normal operation as if no hard handover attempt had occurred.	nkcttbh, nkrttbh, tot
unsuccessful_hard_handovers_caused_by_sho_incapability_for_rt	nok_nkcel_intrahhoinrt_tab.r1wdp0hahl26seccb00hw01qk4	INT8	#	Unsuccessful hard handovers caused by SHO incapability for RT. When the source RNC receives a failure message from the mobile station indicating the cause Physical channel failure. If the UE fails to establish the physical channel(s) indicated in the handover command, the UE will revert to the configuration	Sum, nkcttbh, nkrttbh, tot

				prior to the reception of the handover command (old configuration) and transmit a failure message on the DCCH to the source RNC. The hard handover procedure ends and the UE resumes the normal operation as if no hard handover attempt had occurred.	
utran_is_not_able_to_execute_intra_system_hho_for_rt	nok_nkcel_intrahhoinrt_tab.r1t4vlxahl26seccb00hw01qk4	INT8	#	UTRAN is not able to execute HHO for RT. When the hard handover attempt fails before the serving RNC sends the handover command to the mobile station. The failure can't take place, for example, because of the following reasons, Radio resource congestion in the target cell Radio link setup/addition failure in Node B Failure occurs during the Relocation preparation procedure in the CN. Failure occurs during the Relocation resource allocation procedure in the target RNC.	Sum, nkcttbh, nkrttbh, tot

6.6.29 Cell.Nokia.UMTS.intrasys_hho_rejected_relocations

Intra-system handover rejected SRNS relocation statistics

KPI Name	Expression	Data Type	Units	Description	Aggregation
number_of_rejected_srns_relocations	nok_nkcel_inhhorejrel_tab.r1yi16hahl26seccb00hw01qk4	INT8	#	Number of rejected relocations.Only recorded for Cell_DCH state UEs.	Sum, nkcttbh, nkrttbh, tot

6.6.30 Cell.Nokia.UMTS.intrasys_hho_scc

HS-DSCH handover measurements

KPI Name	Expression	Data Type	Units	Description	Aggregation
_%_unsuccessful_inter_rnc_hho_caused_by_hspa_scc	100 * {unsuccessful_inter_rnc_hho_caused_by_hspa_scc}/{inter_rnc_hho_attempts_due_to_hspa_scc}	FLOAT	%	The percentage of failed inter-RNC hard handovers triggered by HSPA serving cell change. This counter is updated only for the HSPA serving cell before the HHO operation.	Average, avg, nkcttbh, nkrttbh
edch_downgraded_to_dch_in_scc	nok_intrasys_hho_scc_tab.uaqad6t1im2ahsxr0035xkcuai	INTEGER	#	The number of successful HSDSCH serving cell changes where E-DCH uplink is downgraded to DCH.	Sum, nkcttbh, nkrttbh, tot
edch_inter_bts_serving_cell_changes_successful	nok_intrasys_hho_scc_tab.uaqad6r1im2ahsxr0035xkcuai	INTEGER	#	The number of successfully completed inter-BTS E-DCH serving cell changes.	Sum, nkcttbh, nkrttbh, tot
edch_intra_bts_ser	nok_intrasys_hho_scc_tab.	INTEG	#	The number of	Sum,

ving_cell_changes_successful	uaqad6p1im2ahsxr0035xkcuai	ER		successfully completed intra-BTS E-DCH serving cell changes.	nkcttbh, nkrttbh, tot
edch_serving_cell_changes_started	nok_intrasys_hho_scc_tab.uaqad6n1im2ahsxr0035xkcuai	INTEGER	#	The number of E-DCH serving cell change attempts.	Sum, nkcttbh, nkrttbh, tot
hs_dsch_inter_bts_serving_cell_changes_successful	nok_intrasys_hho_scc_tab.xpkmej2afq2ahdvuj02uauibev	INTEGER	#	The number of successfully completed inter-BTS HS-DSCH serving cell changes.	Sum, nkcttbh, nkrttbh, tot
hs_dsch_intra_bts_serving_cell_changes_successful	nok_intrasys_hho_scc_tab.xpkmej0afq2ahdvuj02uauibev	INTEGER	#	The number of successfully completed intra-BTS HS-DSCH serving cell changes.	Sum, nkcttbh, nkrttbh, tot
hs_dsch_serving_cell_changes_failed_due_to_ac	nok_intrasys_hho_scc_tab.xpkmeivafq2ahdvuj02uauibev	INTEGER	#	The number of HS-DSCH serving cell change failures due to admission control, for example because the maximum number of HSDPA users were already allocated in the target cells.	Sum, nkcttbh, nkrttbh, tot
hs_dsch_serving_cell_changes_failed_due_to_bts	nok_intrasys_hho_scc_tab.xpkmeirafq2ahdvuj02uauibev	INTEGER	#	The number of HS-DSCH serving cell change failures due to BTS.	Sum, nkcttbh, nkrttbh, tot
hs_dsch_serving_cell_changes_failed_due_to_other_reason	nok_intrasys_hho_scc_tab.xpkmeixafq2ahdvuj02uauibev	INTEGER	#	The number of HS-DSCH serving cell change failures due to other reasons.	Sum, nkcttbh, nkrttbh, tot
hs_dsch_serving_cell_changes_failed_due_to_transport	nok_intrasys_hho_scc_tab.xpkmeitafq2ahdvuj02uauibev	INTEGER	#	The number of HS-DSCH serving cell change failures due to transport.	Sum, nkcttbh, nkrttbh, tot
hs_dsch_serving_cell_changes_failed	nok_intrasys_hho_scc_tab.xpkmeipafq2ahdvuj02uaui	INTEGER	#	The number of HS-DSCH serving cell	Sum, nkcttbh,

_due_to_ue	bev			change failures due to UE.	nkrttbh, tot
hs_dsch_serving_cell_changes_prevented_due_to_timer	nok_intrasys_hho_scc_tab.xpkmej4afq2ahdvuj02uauibev	INTEGER	#	The number of HS-DSCH serving cell changes prevented due to timer HSDPACellChangeMinInterval for minimum interval between HS-DSCH serving cell changes.	Sum, nkcttbh, nkrttbh, tot
hs_dsch_serving_cell_changes_started_due_to_active_set_update	nok_intrasys_hho_scc_tab.xpkmeilafq2ahdvuj02uauibev	INTEGER	#	The number of HS-DSCH serving cell change attempts started due to Active Set Update (1B/1C).	Sum, nkcttbh, nkrttbh, tot
hs_dsch_serving_cell_changes_started_due_to_cpich_ec_no	nok_intrasys_hho_scc_tab.xpkmeihafq2ahdvuj02uauibev	INTEGER	#	The number of HS-DSCH serving cell change attempts started due to CPICH Ec/No.	Sum, nkcttbh, nkrttbh, tot
hs_dsch_serving_cell_changes_started_due_to_other_reason	nok_intrasys_hho_scc_tab.xpkmeinafq2ahdvuj02uauibev	INTEGER	#	The number of HS-DSCH serving cell change attempts started due to other reason (e.g. due to RL failure / Rx-Tx time difference).	Sum, nkcttbh, nkrttbh, tot
hs_dsch_serving_cell_changes_started_due_to_ul_sir_error	nok_intrasys_hho_scc_tab.xpkmeijafq2ahdvuj02uauibev	INTEGER	#	The number of HS-DSCH serving cell change attempts started due to UL SIR error.	Sum, nkcttbh, nkrttbh, tot
inter_rnc_hho_attempts_due_to_hspa_scc	nok_intrasys_hho_scc_tab.uaqad6v1im2ahsxr0035xkcuai	INTEGER	#	The number of inter-RNC hard handover attempts due to HSPA serving cell change.	Sum, nkcttbh, nkrttbh, tot

This edition applies to IBM® Tivoli® Netcool® Performance Manager for Wireless and to all subsequent releases and modifications until otherwise indicated in new editions.

				This counter is updated only for the HSPA serving cell before the HHO operation.	
successful_inter_rnc_hho_due_to_hspa_scc	nok_intrasys_hho_scc_tab.uaqad6x1im2ahsxr0035xkcuai	INTEGER	#	The number of successful outgoing Inter-RNC hard handovers triggered by HSPA serving cell change. This counter is updated only for the HSPA serving cell before the HHO operation.	Sum, nkcttbh, nkrttbh, tot
unsuccessful_inter_rnc_hho_caused_by_hspa_scc	nok_intrasys_hho_scc_tab.uaqada01im2ahsxr0035xkcuai	INTEGER	#	The number of failed inter-RNC hard handovers triggered by HSPA serving cell change. This counter is updated only for the HSPA serving cell before the HHO operation.	Sum, nkcttbh, nkrttbh, tot

6.6.31 Cell.Nokia.UMTS.intrasys_hspa_ifho_meas

HSPA IFHO measurements

KPI Name	Expression	Data Type	Units	Description	Aggregation
att_hcap_ifho_meas	nok_intshspa_ifho_tab.uecvrenhos2aibkmj035xkctln	INTEGER	#	The number of HSPA capability based IFHO measurement start attempts.	Sum, nkcttbh, tot
att_hcap_inter_ifho	nok_intshspa_ifho_tab.uecvrevhos2aibkmj035xkctln	INTEGER	#	The number of Inter-RNC HSPA capability based IFHO attempts. This counter includes also handover attempts	Sum, nkcttbh, tot

				to I-HSPA cells.	
att_hcap_intra_ifho	nok_intshspa_ifho_tab.uecvrethos2aibkmj035xkctln	INTEGER	#	The number of Intra-RNC HSPA capability based IFHO attempts.	Sum, nkcttbh, tot
att_hspa_ifho_meas	nok_intshspa_ifho_tab.uecvrdphos2aibkmj035xkctln	INTEGER	#	The number of HSPA IFHO measurement start attempts.	Sum, nkcttbh, tot
att_hspa_inter_ifho	nok_intshspa_ifho_tab.uecvrdxhos2aibkmj035xkctln	INTEGER	#	The number of Inter-RNC HSPA IFHO attempts.	Sum, nkcttbh, tot
att_hspa_intra_ifho	nok_intshspa_ifho_tab.uecvrdvhos2aibkmj035xkctln	INTEGER	#	The number of Intra-RNC HSPA IFHO attempts.	Sum, nkcttbh, tot
fail_hcap_ifho_meas	nok_intshspa_ifho_tab.uecvrephos2aibkmj035xkctln	INTEGER	#	The number of HSPA capability based IFHO measurement start failures.	Sum, nkcttbh, tot
fail_hcap_inter_ifho_ue_lost	nok_intshspa_ifho_tab.uecvrffhos2aibkmj035xkctln	INTEGER	#	The number of failed Inter-RNC HSPA capability based IFHOs due to UE being lost. This counter includes also failed handovers to I-HSPA cells.	Sum, nkcttbh, tot
fail_hcap_inter_ifho_ue_nack	nok_intshspa_ifho_tab.uecvrfbhos2aibkmj035xkctln	INTEGER	#	The number of failed Inter-RNC HSPA capability based IFHOs due to UE rejection. This counter includes also failed	Sum, nkcttbh, tot

This edition applies to IBM® Tivoli® Netcool® Performance Manager for Wireless and to all subsequent releases and modifications until otherwise indicated in new editions.

				handovers to I-HSPA cells.	
fail_hcap_inter_ifho_utran	nok_intshspa_ifho_tab.uecvrf4hos2aibkmj035xkctln	INTEGER	#	The number of failed Inter-RNC HSPA capability based IFHOs due to UTRAN. This counter includes also failed handovers to I-HSPA cells.	Sum, nkcttbh, tot
fail_hcap_intra_ifho_ue_lost	nok_intshspa_ifho_tab.uecvrfdhos2aibkmj035xkctln	INTEGER	#	The number of failed Intra-RNC HSPA capability based IFHOs due to UE being lost.	Sum, nkcttbh, tot
fail_hcap_intra_ifho_ue_nack	nok_intshspa_ifho_tab.uecvrf6hos2aibkmj035xkctln	INTEGER	#	The number of failed Intra-RNC HSPA capability based IFHOs due to UE rejection.	Sum, nkcttbh, tot
fail_hcap_intra_ifho_utran	nok_intshspa_ifho_tab.uecvrf2hos2aibkmj035xkctln	INTEGER	#	The number of failed Intra-RNC HSPA capability based IFHOs due to UTRAN.	Sum, nkcttbh, tot
fail_hspa_ifho_meas	nok_intshspa_ifho_tab.uecvrdrhos2aibkmj035xkctln	INTEGER	#	The number of HSPA IFHO measurement start failures.	Sum, nkcttbh, tot
fail_hspa_inter_ifho_ue_lost	nok_intshspa_ifho_tab.uecvrelhos2aibkmj035xkctln	INTEGER	#	The number of failed Inter-RNC HSPA IFHOs due to UE being lost.	Sum, nkcttbh, tot
fail_hspa_inter_ifho_ue_nack	nok_intshspa_ifho_tab.uecvrehhos2aibkmj035xkctln	INTEGER	#	The number of failed Inter-RNC HSPA IFHOs due to UE rejection.	Sum, nkcttbh, tot
fail_hspa_inter_ifho_utran	nok_intshspa_ifho_tab.uecvredhos2aibkmj035xkctln	INTEGER	#	The number of failed Inter-RNC HSPA IFHOs due	Sum, nkcttbh, tot

				to UTRAN.	
fail_hspa_intra_ifho_ue_lost	nok_intshspa_ifho_tab.uecvrejhos2aibkmj035xkctln	INTEGER	#	The number of failed Intra-RNC HSPA IFHOs due to UE being lost.	Sum, nkcttbh, tot
fail_hspa_intra_ifho_ue_nack	nok_intshspa_ifho_tab.uecvrefhos2aibkmj035xkctln	INTEGER	#	The number of failed Intra-RNC HSPA IFHOs due to UE rejection.	Sum, nkcttbh, tot
fail_hspa_intra_ifho_utran	nok_intshspa_ifho_tab.uecvrebhos2aibkmj035xkctln	INTEGER	#	The number of failed Intra-RNC HSPA IFHOs due to UTRAN.	Sum, nkcttbh, tot
not_start_hcap_ifho_no_cell	nok_intshspa_ifho_tab.uecvrerhos2aibkmj035xkctln	INTEGER	#	The number of times when no cell good enough was found for HSPA capability based IFHO.	Sum, nkcttbh, tot
not_start_hspa_ifho_no_cell	nok_intshspa_ifho_tab.uecvrdthos2aibkmj035xkctln	INTEGER	#	The number of times when no cell good enough was found for HSPA IFHO.	Sum, nkcttbh, tot
succ_hcap_inter_ifho	nok_intshspa_ifho_tab.uecvrf0hos2aibkmj035xkctln	INTEGER	#	The number of successful Inter-RNC HSPA capability based IFHOs. This counter includes also handovers to I-HSPA cells.	Sum, nkcttbh, tot
succ_hcap_intra_ifho	nok_intshspa_ifho_tab.uecvrexhos2aibkmj035xkctln	INTEGER	#	The number of successful Intra-RNC HSPA capability based	Sum, nkcttbh, tot

This edition applies to IBM® Tivoli® Netcool® Performance Manager for Wireless and to all subsequent releases and modifications until otherwise indicated in new editions.

				IFHOs.	
succ_hspa_inter_ifho	nok_intshspa_ifho_tab.uecvre6hos2aibkmj035xkctln	INTEGER	#	The number of successful Inter-RNC HSPA IFHOs.	Sum, nkcttbh, tot
succ_hspa_intra_ifho_hsdpa	nok_intshspa_ifho_tab.uecvre2hos2aibkmj035xkctln	INTEGER	#	The number of successful Intra-RNC HSPA IFHOs with HS-DSCH/DCH allocated in the target cell.	Sum, nkcttbh, tot
succ_hspa_intra_ifho_hsupa	nok_intshspa_ifho_tab.uecvre4hos2aibkmj035xkctln	INTEGER	#	The number of successful Intra-RNC HSPA IFHOs with HS-DSCH/E-DCH allocated in the target cell.	Sum, nkcttbh, tot
succ_hspa_intra_ifho_rel99	nok_intshspa_ifho_tab.uecvre0hos2aibkmj035xkctln	INTEGER	#	The number of successful Intra-RNC HSPA IFHOs with Rel99 DCH allocated in the target cell.	Sum, nkcttbh, tot

6.6.32 Cell.Nokia.UMTS.iub_downlink_tx_load

Iub downlink transmission load statistics

KPI Name	Expression	Data Type	Units	Description	Aggregation
amr_transm_load_below_target	nok_nkcel_iub_txld_tab.xdrxadjdmm2aicsd002uaxybdk	INTEGER	#	The number of times when (Iub downlink transmission load) < (target load threshold AMRTargetTransmission).	Sum, nkcttbh, nkrttbh, tot
amr_transm_load_over_target	nok_nkcel_iub_txld_tab.xdrxadldmm2aicsd002uaxybdk	INTEGER	#	The number of times when (Iub downlink transmission load) >= (target load threshold AMRTargetTransmission).	Sum, nkcttbh, nkrttbh, tot

amr_transm_load_overload	nok_nkcel_iub_txld_tab.xdrxadndmm2aicsd002uaxybdk	INTEGER	#	The number of times when (Iub downlink transmission load) >= (over load threshold AMROverTransmission).	Sum, nkcttbh, nkrttbh, tot
amr_transm_load_underload	nok_nkcel_iub_txld_tab.xdrxadhdmm2aicsd002uaxybdk	INTEGER	#	The number of times when (Iub downlink transmission load) < (under load threshold AMRUnderTransmission).	Sum, nkcttbh, nkrttbh, tot

6.6.33 Cell.Nokia.UMTS.lrt_est

LRT and LNRT estimation statistics

KPI Name	Expression	Data Type	Units	Description	Aggregation
ave_lnrt_class_0	nok_nkcel_lrtest_tab.r25a5jtahl26seccb00hw01qk4	FLOAT	%	Estimated load factor for uplink NRT users on the cell for Class 0 (unloaded area)	Average, avg, max, min, nkcttbh, nkrttbh, tot
ave_lnrt_class_1	nok_nkcel_lrtest_tab.r26itdhahl26seccb00hw01qk4	FLOAT	%	Estimated load factor for uplink NRT users on the cell for Class 1 (feasible load area 1)	Average, avg, max, min, nkcttbh, nkrttbh, tot
ave_lnrt_class_2	nok_nkcel_lrtest_tab.r2ajpgxahl26seccb00hw01qk4	FLOAT	%	Estimated load factor for uplink NRT users on the cell for Class 2 (feasible load area 2)	Average, avg, max, min, nkcttbh, nkrttbh, tot

ave_lnrt_class_3	nok_nkcel_lrtest_tab.r2bl4upahl26seccb00hw01qk4	FLOAT	%	Estimated load factor for uplink NRT users on the cell for Class 3 (marginal load area)	Average, avg, max, min, nkcttbh, nkrttbh, tot
ave_lnrt_class_4	nok_nkcel_lrtest_tab.r2cmcchahl26seccb00hw01qk4	FLOAT	%	Estimated load factor for uplink NRT users on the cell for Class 4 (overload area)	Average, avg, max, min, nkcttbh, nkrttbh, tot
ave_lrt_class_0	nok_nkcel_lrtest_tab.r2001r2ahl26seccb00hw01qk4	FLOAT	%	Estimated load factor for uplink RT users on the cell for Class 0 (unloaded area)	Average, avg, max, min, nkcttbh, nkrttbh, tot
ave_lrt_class_1	nok_nkcel_lrtest_tab.r2126fhahl26seccb00hw01qk4	FLOAT	%	Estimated load factor for uplink RT users on the cell for Class 1 (feasible load area 1)	Average, avg, max, min, nkcttbh, nkrttbh, tot
ave_lrt_class_2	nok_nkcel_lrtest_tab.r2245sxahl26seccb00hw01qk4	FLOAT	%	Estimated load factor for uplink RT users on the cell for Class 2 (feasible load area 2)	Average, avg, max, min, nkcttbh, nkrttbh, tot
ave_lrt_class_3	nok_nkcel_lrtest_tab.r2356g6ahl26seccb00hw01qk4	FLOAT	%	Estimated load factor for uplink RT users on the cell for Class 3 (marginal load area)	Average, avg, max, min, nkcttbh, nkrttbh, tot
ave_lrt_class_4	nok_nkcel_lrtest_tab.r245wihahl26seccb00hw01qk4	FLOAT	%	Estimated load factor for uplink RT users on the cell for Class 4 (overload area)	Average, avg, max, min, nkcttbh, nkrttbh, tot

lnrt_denom_0	nok_nkcel_lrtest_tab.r25qpoxahl26seccb00hw01qk4	INT8	#	Denominator for LNRT Class 0 (unloaded area)	Sum, nkcttbh, nkrttbh, tot
lnrt_denom_1	nok_nkcel_lrtest_tab.r2a0c6hahl26seccb00hw01qk4	INT8	#	Denominator for LNRT Class 1 (feasible load area 1)	Sum, nkcttbh, nkrttbh, tot
lnrt_denom_2	nok_nkcel_lrtest_tab.r2b1nphahl26seccb00hw01qk4	INT8	#	Denominator for LNRT Class 2 (feasible load area 2)	Sum, nkcttbh, nkrttbh, tot
lnrt_denom_3	nok_nkcel_lrtest_tab.r2c2pntahl26seccb00hw01qk4	INT8	#	Denominator for LNRT Class 3 (marginal load area)	Sum, nkcttbh, nkrttbh, tot
lnrt_denom_4	nok_nkcel_lrtest_tab.r2d4mi6ahl26seccb00hw01qk4	INT8	#	Denominator for LNRT Class 4 (overload area)	Sum, nkcttbh, nkrttbh, tot
lrt_denom_0	nok_nkcel_lrtest_tab.r20joalahl26seccb00hw01qk4	INT8	#	Denominator for LRT Class 0 (unloaded area)	Sum, nkcttbh, nkrttbh, tot
lrt_denom_1	nok_nkcel_lrtest_tab.r21mgy2ahl26seccb00hw01qk4	INT8	#	Denominator for LRT Class 1 (feasible load area 1)	Sum, nkcttbh, nkrttbh, tot
lrt_denom_2	nok_nkcel_lrtest_tab.r22nt4dahl26seccb00hw01qk4	INT8	#	Denominator for LRT Class 2 (feasible load area 2)	Sum, nkcttbh, nkrttbh, tot
lrt_denom_3	nok_nkcel_lrtest_tab.r23ol2pahl26seccb00hw01qk4	INT8	#	Denominator for LRT Class 3 (marginal load area)	Sum, nkcttbh, nkrttbh, tot

This edition applies to IBM® Tivoli® Netcool® Performance Manager for Wireless and to all subsequent releases and modifications until otherwise indicated in new editions.

lrt_denom_4	nok_nkcel_lrtest_tab.r24phj6ahl26seccb00hw01qk4	INT8	#	Denominator for LRT Class 4 (overload area)	Sum, nkcttbh, nkrttbh, tot

6.6.34 Cell.Nokia.UMTS.macd_setup_hsdpa

HS-DCH MAC-d setup statistics

KPI Name	Expression	Data Type	Units	Description	Aggregation
att_macd_setup_for_hsdpa	nok_nkcel_macd_set_tab.xdrxapjdmm2aicsd002uaxybdk	INTEGER	#	The number of attempted radio link setups/reconfigurations for HSDPA MAC-d flow.	Sum, nkcttbh, nkrttbh, tot
denom_time_aal2_setup	nok_nkcel_macd_set_tab.xdrxaptdmm2aicsd002uaxybdk	INTEGER	#	Denominator for M1005C245, used for average calculation.	Sum, nkcttbh, nkrttbh, tot
denom_time_rl_setup	nok_nkcel_macd_set_tab.xdrxappdmm2aicsd002uaxybdk	INTEGER	#	Denominator for M1005C243, used for average calculation.	Sum, nkcttbh, nkrttbh, tot
fail_macd_setup_hsdpa_misc	nok_nkcel_macd_set_tab.xdrxaq4dmm2aicsd002uaxybdk	INTEGER	#	The number of failed HS-DSCH Mac-d flow setup failures due to miscellaneous cause.	Sum, nkcttbh, nkrttbh, tot
fail_macd_setup_hsdpa_noresp	nok_nkcel_macd_set_tab.xdrxapvdmm2aicsd002uaxybdk	INTEGER	#	The number of HS-DSCH Mac-d flow setup failures due to BTS not responding.	Sum, nkcttbh, nkrttbh, tot
fail_macd_setup_hsdpa_prot	nok_nkcel_macd_set_tab.xdrxaq2dmm2aicsd002uaxybdk	INTEGER	#	The number of failed HS-DSCH Mac-d flow setup failures due to protocol cause.	Sum, nkcttbh, nkrttbh, tot
fail_macd_setup_h	nok_nkcel_macd_set_tab.x	INTEG	#	The number of	Sum,

sdpa_rnl	drxapxdmm2aicsd002uaxybdk	ER		failed HS-DSCH Mac-d flow setup failures due to radio network layer cause.	nkcttbh, nkrttbh, tot
fail_macd_setup_hsdpa_tr	nok_nkcel_macd_set_tab.xdrxaq0dmm2aicsd002uaxybdk	INTEGER	#	The number of failed HS-DSCH Mac-d flow setup failures due to transport network layer cause.	Sum, nkcttbh, nkrttbh, tot
succ_macd_setup_for_hsdpa	nok_nkcel_macd_set_tab.xdrxapldmm2aicsd002uaxybdk	INTEGER	#	The number of successful radio link setups/reconfigurations for HSDPA MAC-d flow.	Sum, nkcttbh, nkrttbh, tot
sum_time_aal2_setup	nok_nkcel_macd_set_tab.xdrxaprdmm2aicsd002uaxybdk	INTEGER	ms	Sum of Iub AAL2 Setup time, defined as the difference between ALCAP: Establishment Request (ERQ) and ALCAP: Establishment Confirm (ECF).	Sum, nkcttbh, nkrttbh, tot
sum_time_rl_setup	nok_nkcel_macd_set_tab.xdrxapndmm2aicsd002uaxybdk	INTEGER	ms	Sum of radio link setup time, defined as the time between the messages NBAP:RADIO LINK SETUP and NBAP: RADIO LINK SETUP RESPONSE. This counter, divided by the denominator, provides the average resource allocation time.	Sum, nkcttbh, nkrttbh, tot

This edition applies to IBM® Tivoli® Netcool® Performance Manager for Wireless and to all subsequent releases and modifications until otherwise indicated in new editions.

6.6.35 Cell.Nokia.UMTS.multirab.access_complete

Multi-RAB: Access completions statistics

KPI Name	Expression	Data Type	Units	Description	Aggregation
rab_access_complete_2_ps_nrt_background_and_background	nok_nkcel_mulrab_accomp_tab.r2hupi6ahl26seccb00hw01qk4	INT8	#	The number of RAB access completed for a multi-RAB combination "2 PS NRT (BACKGROUND and BACKGROUND)".	Sum, nkcttbh, nkrttbh, tot
rab_access_complete_2_ps_nrt_interactive_and_background	nok_nkcel_mulrab_accomp_tab.r2heb5xahl26seccb00hw01qk4	INT8	#	The number of RAB access completed for a multi-RAB combination "2 PS NRT (INTERACTIVE and BACKGROUND)".	Sum, nkcttbh, nkrttbh, tot
rab_access_complete_2_ps_nrt_interactive_and_interactive	nok_nkcel_mulrab_accomp_tab.r2gtli6ahl26seccb00hw01qk4	INT8	#	The number of RAB access completed for a multi-RAB combination "2 PS NRT (INTERACTIVE and INTERACTIVE)".	Sum, nkcttbh, nkrttbh, tot
rab_access_complete_3_ps_nrt	nok_nkcel_mulrab_accomp_tab.r2ig2jxahl26seccb00hw01qk4	INT8	#	The number of RAB access completed for a multi-RAB combination "3 PS NRT".	Sum, nkcttbh, nkrttbh, tot
rab_access_complete_cs_amr_12_2_1_ps_nrt_64_128	nok_nkcel_mulrab_accomp_tab.r2e5typahl26seccb00hw01qk4	INT8	#	The number of RAB access completed for a multi-RAB combination "CS AMR 12.2+1PS NRT(64/128)".	Sum, nkcttbh, nkrttbh, tot
rab_access_comple	nok_nkcel_mulrab_accomp	INTEG	#	The number of RAB	Sum,

te_cs_amr_12_2_1_ps_nrt_64_384	_tab.rfgh1xk1xi2ahcwxr00pg3rx00	ER		access completed for a multi-RAB combination CS AMR 12.2 + 1PS NRT(64/384).	nkcttbh, nkrttbh, tot
rab_access_complete_cs_amr_12_2_1_ps_nrt_64_64	nok_nkcel_mulrab_accomp_tab.r2doh5dahl26seccb00hw01qk4	INT8	#	The number of RAB access completed for a multi-RAB combination "CS AMR 12.2+1PS NRT(64/64)".	Sum, nkcttbh, nkrttbh, tot
rab_access_complete_cs_amr_12_2_2_ps_nrt_background_and_background	nok_nkcel_mulrab_accomp_tab.r2fre06ahl26seccb00hw01qk4	INT8	#	The number of RAB access completed for a multi-RAB combination "CS AMR 12.2+2PS NRT(BACKGROUND and BACKGROUND)".	Sum, nkcttbh, nkrttbh, tot
rab_access_complete_cs_amr_12_2_2_ps_nrt_interactive_and_background	nok_nkcel_mulrab_accomp_tab.r2f6pehahl26seccb00hw01qk4	INT8	#	The number of RAB access completed for a multi-RAB combination "CS AMR 12.2+2PS NRT(INTERACTIVE and BACKGROUND)".	Sum, nkcttbh, nkrttbh, tot
rab_access_complete_cs_amr_12_2_2_ps_nrt_interactive_and_interactive	nok_nkcel_mulrab_accomp_tab.r2epe5lahl26seccb00hw01qk4	INT8	#	The number of RAB access completed for a multi-RAB combination "CS AMR 12.2+2PS NRT(INTERACTIVE and INTERACTIVE)".	Sum, nkcttbh, nkrttbh, tot
rab_access_complete_cs_amr_12_2_3_ps_nrt	nok_nkcel_mulrab_accomp_tab.r2gc3flahl26seccb00hw01qk4	INT8	#	The number of RAB access completed for a multi-RAB	Sum, nkcttbh, nkrttbh,

				combination "CS AMR 12.2 + 3 PS NRT".	tot
rab_access_complete_cs_amr_multimode_1_ps_nrt_64_128	nok_nkcel_mulrab_accomp_tab.wlieksnafq2ahdvuj02uauibev	INTEGER	#	The number of RAB access completed for a multi-RAB combination "CS AMR MULTIMODE + 1 PS NRT (64/128)".	Sum, nkcttbh, nkrttbh, tot
rab_access_complete_cs_amr_multimode_1_ps_nrt_64_64	nok_nkcel_mulrab_accomp_tab.wliekslafq2ahdvuj02uauibev	INTEGER	#	The number of RAB access completed for a multi-RAB combination "CS AMR MULTIMODE + 1 PS NRT (64/64)".	Sum, nkcttbh, nkrttbh, tot
rab_access_complete_cs_amr_multimode_2_ps_nrt_background_and_background	nok_nkcel_mulrab_accomp_tab.wliekstafq2ahdvuj02uauibev	INTEGER	#	The number of RAB access completed for a multi-RAB combination "CS AMR MULTIMODE + 2 PS NRT (BACKGROUND and BACKGROUND)".	Sum, nkcttbh, nkrttbh, tot
rab_access_complete_cs_amr_multimode_2_ps_nrt_interactive_and_background	nok_nkcel_mulrab_accomp_tab.wlieksrafq2ahdvuj02uauibev	INTEGER	#	The number of RAB access completed for a multi-RAB combination "CS AMR MULTIMODE + 2 PS NRT (INTERACTIVE and BACKGROUND)".	Sum, nkcttbh, nkrttbh, tot
rab_access_complete_cs_amr_multimode_2_ps_nrt_interactive_and_interactive	nok_nkcel_mulrab_accomp_tab.wliekspafq2ahdvuj02uauibev	INTEGER	#	The number of RAB access completed for a multi-RAB combination "CS AMR MULTIMODE + 2	Sum, nkcttbh, nkrttbh, tot

				PS NRT (INTERACTIVE and INTERACTIVE)".	
rab_access_complete_cs_amr_multimode_3_ps_nrt	nok_nkcel_mulrab_accomp_tab.wlieksvafq2ahdvuj02uauibev	INTEGER	#	The number of RAB access completed for a multi-RAB combination "CS AMR MULTIMODE + 3 PS NRT".	Sum, nkcttbh, nkrttbh, tot
rab_access_complete_cs_conversational_1_ps_nrt_64_128	nok_nkcel_mulrab_accomp_tab.r2mtsq6ahl26seccb00hw01qk4	INT8	#	The number of RAB access completed for a multi-RAB combination "CS CONVERSATIONAL + 1 PS NRT (64/128)".	Sum, nkcttbh, nkrttbh, tot
rab_access_complete_cs_conversational_1_ps_nrt_64_384	nok_nkcel_mulrab_accomp_tab.r2nehidahl26seccb00hw01qk4	INT8	#	The number of RAB access completed for a multi-RAB combination "CS CONVERSATIONAL + 1 PS NRT (64/384)".	Sum, nkcttbh, nkrttbh, tot
rab_access_complete_cs_conversational_1_ps_nrt_64_64	nok_nkcel_mulrab_accomp_tab.r2md3wdahl26seccb00hw01qk4	INT8	#	The number of RAB access completed for a multi-RAB combination "CS CONVERSATIONAL + 1 PS NRT (64/64)".	Sum, nkcttbh, nkrttbh, tot
rab_access_complete_ps_stream_guar_equals_max_1_ps_nrt_64_128	nok_nkcel_mulrab_accomp_tab.r2jn4d2ahl26seccb00hw01qk4	INT8	#	The number of RAB access complete for a multi- RAB combination "PS Streaming with guaranteed bit rate	Sum, nkcttbh, nkrttbh, tot

				the same as maximum bit rate" + "PS NRT (64 kpbs uplink/128 kbps downlink)".	
rab_access_complete_ps_stream_guar_equals_max_1_ps_nrt_64_384	nok_nkcel_mulrab_accomp_tab.r2k4qg2ahl26seccb00hw01qk4	INT8	#	The number of RAB access complete for a multi- RAB combination "PS Streaming with guaranteed bit rate the same as maximum bit rate" + "PS NRT (64 kpbs uplink/384 kbps downlink)".	Sum, nkcttbh, nkrttbh, tot
rab_access_complete_ps_stream_guar_equals_max_1_ps_nrt_64_64	nok_nkcel_mulrab_accomp_tab.r2ix60dahl26seccb00hw01qk4	INT8	#	The number of RAB access complete for a multi- RAB combination "PS Streaming with guaranteed bit rate the same as maximum bit rate" + "PS NRT (64 kpbs uplink/64 kbps downlink)".	Sum, nkcttbh, nkrttbh, tot
rab_access_complete_ps_stream_guar_less_than_max_1_ps_nrt_64_128	nok_nkcel_mulrab_accomp_tab.r2laolxahl26seccb00hw01qk4	INT8	#	The number of RAB access complete for a multi- RAB combination "PS Streaming with guaranteed bit rate less than maximum bit rate" + "PS NRT (64 kpbs uplink/128 kbps downlink)".	Sum, nkcttbh, nkrttbh, tot
rab_access_complete_ps_stream_guar_less_than_max_1_ps_nrt_64_384	nok_nkcel_mulrab_accomp_tab.r2ls3epahl26seccb00hw01qk4	INT8	#	The number of RAB access complete for a multi- RAB combination "PS Streaming with guaranteed bit rate	Sum, nkcttbh, nkrttbh, tot

				less than maximum bit rate" + "PS NRT (64 kpbs uplink/384 kbps downlink)".	
rab_access_complete_ps_stream_guar_less_than_max_1_ps_nrt_64_64	nok_nkcel_mulrab_accomp_tab.r2kp2ilahl26seccb00hw01qk4	INT8	#	The number of RAB access complete for a multi- RAB combination "PS Streaming with guaranteed bit rate less than maximum bit rate" + "PS NRT (64 kpbs uplink/64 kbps downlink)".	Sum, nkcttbh, nkrttbh, tot

6.6.36 Cell.Nokia.UMTS.multirab.active_complete

Multi-RAB: Active failures, completions and releases statistics

KPI Name	Expression	Data Type	Units	Description	Aggregation
rab_act_fail_for_multi_rab_with_amr_and_cs_conv_data	nok_nkcel_mulrab_actcom_tab.r2ofmn6ahl26seccb00hw01qk4	INT8	#	Number of RAB active failures for multi RAB with CS conversational data and PS NRT connections	Sum, nkcttbh, nkrttbh, tot
rab_act_fail_for_multi_rab_with_amr_and_cs_streaming_data	nok_nkcel_mulrab_actcom_tab.r2owfotahl26seccb00hw01qk4	INT8	#	Number of RAB active failures for multi RAB with CS streaming data and PS NRT connections	Sum, nkcttbh, nkrttbh, tot
rab_act_fail_for_multi_rab_with_amr_and_nrt	nok_nkcel_mulrab_actcom_tab.r2nuytpahl26seccb00hw01qk4	INT8	#	Number of RAB active failures for multi RAB with AMR and PS NRT connections	Sum, nkcttbh, nkrttbh, tot

rab_act_fail_for_multi_rab_with_multiple_nrt	nok_nkcel_mulrab_actcom_tab.r2phethahl26seccb00hw01qk4	INT8	#	Number of active failures for multi RAB with multiple PS NRT connections	Sum, nkcttbh, nkrttbh, tot
rab_active_complete_2_ps_nrt_background_and_background	nok_nkcel_mulrab_actcom_tab.r2utb5pahl26seccb00hw01qk4	INT8	#	The number of RAB active completions and active releases for the multi-RAB combination "2 PS NRT (BACKGROUND and BACKGROUND)".	Sum, nkcttbh, nkrttbh, tot
rab_active_complete_2_ps_nrt_interactive_and_background	nok_nkcel_mulrab_actcom_tab.r2uc3l2ahl26seccb00hw01qk4	INT8	#	The number of RAB active completions and active releases for the multi-RAB combination "2 PS NRT (INTERACTIVE and BACKGROUND)".	Sum, nkcttbh, nkrttbh, tot
rab_active_complete_2_ps_nrt_interactive_and_interactive	nok_nkcel_mulrab_actcom_tab.r2tduatahl26seccb00hw01qk4	INT8	#	The number of RAB active completions and active releases for the multi-RAB combination "2 PS NRT (INTERACTIVE and INTERACTIVE)".	Sum, nkcttbh, nkrttbh, tot
rab_active_complete_3_ps_nrt	nok_nkcel_mulrab_actcom_tab.r2veouxahl26seccb00hw01qk4	INT8	#	The number of RAB active completions and active releases for the multi-RAB combination "3 PS NRT".	Sum, nkcttbh, nkrttbh, tot
rab_active_complete_cs_amr_12_2_1_ps_nrt_64_128	nok_nkcel_mulrab_actcom_tab.r2qjyj2ahl26seccb00hw01qk4	INT8	#	The number of RAB active completions and active releases for the multi-RAB combination "CS AMR 12.2 + 1 PS	Sum, nkcttbh, nkrttbh, tot

				NRT (64/128)".	
rab_active_complete_cs_amr_12_2_1_ps_nrt_64_384	nok_nkcel_mulrab_actcom_tab.unsmvak1xh2ahcwxr00pg3rx00	INTEGER	#	The number of RAB active completions and active releases for the multi-RAB combination CS AMR 12.2 + 1 PS NRT (64/384).	Sum, nkcttbh, nkrttbh, tot
rab_active_complete_cs_amr_12_2_1_ps_nrt_64_64	nok_nkcel_mulrab_actcom_tab.r2pyi4tahl26seccb00hw01qk4	INT8	#	The number of RAB active completions and active releases for the multi-RAB combination "CS AMR 12.2 + 1 PS NRT (64/64)".	Sum, nkcttbh, nkrttbh, tot
rab_active_complete_cs_amr_12_2_2_ps_nrt_background_and_background	nok_nkcel_mulrab_actcom_tab.r2s61txahl26seccb00hw01qk4	INT8	#	The number of RAB active completions and active releases for the multi-RAB combination "CS AMR 12.2 + 2 PS NRT (BACKGROUND and BACKGROUND)".	Sum, nkcttbh, nkrttbh, tot
rab_active_complete_cs_amr_12_2_2_ps_nrt_interactive_and_background	nok_nkcel_mulrab_actcom_tab.r2rng32ahl26seccb00hw01qk4	INT8	#	The number of RAB active completions and active releases for the multi-RAB combination "CS AMR 12.2 + 2 PS NRT (INTERACTIVE and BACKGROUND)".	Sum, nkcttbh, nkrttbh, tot
rab_active_complete_cs_amr_12_2_2_ps_nrt_interactive_	nok_nkcel_mulrab_actcom_tab.r2r36vtahl26seccb00hw01qk4	INT8	#	The number of RAB active completions and active releases	Sum, nkcttbh, nkrttbh,

and_interactive				for the multi-RAB combination "CS AMR 12.2 + 2 PS NRT (INTERACTIVE and INTERACTIVE)".	tot
rab_active_complete_cs_amr_12_2_3_ps_nrt	nok_nkcel_mulrab_actcom_tab.r2sr1slahl26seccb00hw01qk4	INT8	#	The number of RAB active completions and active releases for the multi-RAB combination "CS AMR 12.2 + 3 PS NRT".	Sum, nkcttbh, nkrttbh, tot
rab_active_complete_cs_amr_multimo_1_ps_nrt_64_128	nok_nkcel_mulrab_actcom_tab.wliekt2afq2ahdvuj02uauibev	INTEGER	#	The number of RAB active completions and active releases for the multi-RAB combination "CS AMR MULTIMODE + 1 PS NRT (64/128)".	Sum, nkcttbh, nkrttbh, tot
rab_active_complete_cs_amr_multimo_1_ps_nrt_64_64	nok_nkcel_mulrab_actcom_tab.wliekt0afq2ahdvuj02uauibev	INTEGER	#	The number of RAB active completions and active releases for the multi-RAB combination "CS AMR MULTIMODE + 1 PS NRT (64/64)".	Sum, nkcttbh, nkrttbh, tot
rab_active_complete_cs_amr_multimo_2_ps_nrt_background_and_background	nok_nkcel_mulrab_actcom_tab.wliektbafq2ahdvuj02uauibev	INTEGER	#	The number of RAB active completions and active releases for the multi-RAB combination "CS AMR MULTIMODE + 2 PS NRT (BACKGROUND and BACKGROUND)".	Sum, nkcttbh, nkrttbh, tot
rab_active_complete_cs_amr_multimo	nok_nkcel_mulrab_actcom_tab.wliekt6afq2ahdvuj02u	INTEGER	#	The number of RAB active completions	Sum, nkcttbh,

_2_ps_nrt_interactive_and_background	auibev			and active releases for the multi-RAB combination "CS AMR MULTIMODE + 2 PS NRT (INTERACTIVE and BACKGROUND)".	nkrttbh, tot
rab_active_complete_cs_amr_multimo_2_ps_nrt_interactive_and_interactive	nok_nkcel_mulrab_actcom_tab.wliekt4afq2ahdvuj02uauibev	INTEGER	#	The number of RAB active completions and active releases for the multi-RAB combination "CS AMR MULTIMODE + 2 PS NRT (INTERACTIVE and INTERACTIVE)".	Sum, nkcttbh, nkrttbh, tot
rab_active_complete_cs_amr_multimo_3_ps_nrt	nok_nkcel_mulrab_actcom_tab.wliektdafq2ahdvuj02uauibev	INTEGER	#	The number of RAB active completions and active releases for the multi-RAB combination "CS AMR MULTIMODE + 3 PS NRT".	Sum, nkcttbh, nkrttbh, tot
rab_active_complete_cs_amr_multimode	nok_nkcel_mulrab_actcom_tab.wlieksxafq2ahdvuj02uauibev	INTEGER	#	The number of RAB active completions and active releases for CS AMR Multimode.	Sum, nkcttbh, nkrttbh, tot
rab_active_complete_cs_conversational_1_ps_nrt_64_128	nok_nkcel_mulrab_actcom_tab.r310dhlahl26seccb00hw01qk4	INT8	#	The number of RAB active completions and active releases for the multi-RAB combination "CS	Sum, nkcttbh, nkrttbh, tot

This edition applies to IBM® Tivoli® Netcool® Performance Manager for Wireless and to all subsequent releases and modifications until otherwise indicated in new editions.

				CONVERSATIONAL + 1 PS NRT (64 kbps uplink/128 kbps downlink)".	
rab_active_complete_cs_conversational_1_ps_nrt_64_384	nok_nkcel_mulrab_actcom_tab.r31lublahl26seccb00hw01qk4	INT8	#	The number of RAB active completions and active releases for the multi-RAB combination "CS CONVERSATIONAL + 1 PS NRT (64 kbps uplink/384 kbps downlink)".	Sum, nkcttbh, nkrttbh, tot
rab_active_complete_cs_conversational_1_ps_nrt_64_64	nok_nkcel_mulrab_actcom_tab.r30cqytahl26seccb00hw01qk4	INT8	#	The number of RAB active completions and active releases for the multi-RAB combination "CS CONVERSATIONAL + 1 PS NRT (64 kbps uplink/64 kbps downlink)".	Sum, nkcttbh, nkrttbh, tot
rab_active_complete_ps_stream_guar_equals_max_1_ps_nrt_64_128	nok_nkcel_mulrab_actcom_tab.r2winatahl26seccb00hw01qk4	INT8	#	The number of RAB active completions and active releases for the multi-RAB combination "PS Streaming RAB with guaranteed bit rate equal to max bit rate + 1 PS NRT RAB (64kbps uplink/128kbps downlink)".	Sum, nkcttbh, nkrttbh, tot
rab_active_complete_ps_stream_guar_equals_max_1_ps_nrt_64_384	nok_nkcel_mulrab_actcom_tab.r2x1ctlahl26seccb00hw01qk4	INT8	#	The number of RAB active completions and active releases for the multi-RAB combination "PS Streaming RAB with guaranteed bit rate equal to max bit rate + 1 PS NRT	Sum, nkcttbh, nkrttbh, tot

				RAB (64 kbps uplink/384kbps downlink)".	
rab_active_complete_ps_stream_guar_equals_max_1_ps_nrt_64_64	nok_nkcel_mulrab_actcom_tab.r2vwj1lahl26seccb00hw01qk4	INT8	#	The number of RAB active completions for the multi-RAB combination "PS Streaming RAB with guaranteed bit rate equal to max bit rate + 1 PS NRT RAB(64 kbps uplink/64 kbps downlink)".	Sum, nkcttbh, nkrttbh, tot
rab_active_complete_ps_stream_guar_less_than_max_1_ps_nrt_64_128	nok_nkcel_mulrab_actcom_tab.r2y5hwhahl26seccb00hw01qk4	INT8	#	The number of RAB active completions and active releases for the multi-RAB combination "PS Streaming RAB with guaranteed bit rate less than max bit rate + 1 PS NRT RAB (64 kbps uplink/128 kbps downlink)".	Sum, nkcttbh, nkrttbh, tot
rab_active_complete_ps_stream_guar_less_than_max_1_ps_nrt_64_384	nok_nkcel_mulrab_actcom_tab.r2yqkgdahl26seccb00hw01qk4	INT8	#	The number of RAB active completions and active releases for the multi-RAB combination "PS Streaming RAB with guaranteed bit rate less than max bit rate + 1 PS NRT RAB (64 kbps uplink/384 kbps downlink)".	Sum, nkcttbh, nkrttbh, tot

This edition applies to IBM® Tivoli® Netcool® Performance Manager for Wireless and to all subsequent releases and modifications until otherwise indicated in new editions.

rab_active_complete_ps_stream_guar_less_than_max_1_ps_nrt_64_64	nok_nkcel_mulrab_actcom_tab.r2xm4qxahl26seccb00hw01qk4	INT8	#	The number of RAB active completions and active releases for the multi-RAB combination "PS Streaming RAB with guaranteed bit rate less than max bit rate + 1 PS NRT RAB (64 kbps uplink/64 kbps downlink)".	Sum, nkcttbh, nkrttbh, tot

6.6.37 Cell.Nokia.UMTS.multirab.active_failure

Multi-RAB active failure measurements

KPI Name	Expression	Data Type	Units	Description	Aggregation
rab_active_fail_2_ps_nrt_background_and_background	nok_nkcel_mrabactfl_tab.wrica1vafq2ahdvuj02uauibev	INTEGER	#	The number of RAB active failures for multi RAB combination 2 PS NRT background class.	Sum, nkcttbh, nkrttbh, tot
rab_active_fail_2_ps_nrt_interactive_and_background	nok_nkcel_mrabactfl_tab.wrica1tafq2ahdvuj02uauibev	INTEGER	#	The number of RAB active failures for multi RAB combination 1 PS NRT interactive class + 1 PS NRT background class.	Sum, nkcttbh, nkrttbh, tot
rab_active_fail_2_ps_nrt_interactive_and_interactive	nok_nkcel_mrabactfl_tab.wrica1rafq2ahdvuj02uauibev	INTEGER	#	The number of RAB active failures for multi RAB combination 2 PS NRT interactive class.	Sum, nkcttbh, nkrttbh, tot
rab_active_fail_3_ps_nrt	nok_nkcel_mrabactfl_tab.wrica1xafq2ahdvuj02uauibev	INTEGER	#	The number of RAB active failures for multi RAB combination 3 PS NRT.	Sum, nkcttbh, nkrttbh, tot

rab_active_fail_cs_amr_122_1_ps_nrt_64_128	nok_nkcel_mrabactfl_tab.wrica0fafq2ahdvuj02uauibev	INTEGER	#	The number of RAB active failures for multi RAB combination CS AMR 12.2 kbit/s + PS NRT 64 kbit/s uplink and 128 kbit/s downlink.	Sum, nkcttbh, nkrttbh, tot
rab_active_fail_cs_amr_122_1_ps_nrt_64_384	nok_nkcel_mrabactfl_tab.wrica0hafq2ahdvuj02uauibev	INTEGER	#	The number of RAB active failures for multi RAB combination CS AMR 12.2 kbit/s + PS NRT 64 kbit/s uplink and 384 kbit/s downlink.	Sum, nkcttbh, nkrttbh, tot
rab_active_fail_cs_amr_122_1_ps_nrt_64_64	nok_nkcel_mrabactfl_tab.wrica0dafq2ahdvuj02uauibev	INTEGER	#	The number of RAB active failures for multi RAB combination CS AMR 12.2 kbit/s + PS NRT 64 kbit/s uplink and 64 kbit/s downlink.	Sum, nkcttbh, nkrttbh, tot
rab_active_fail_cs_amr_122_2_ps_nrt_background_and_background	nok_nkcel_mrabactfl_tab.wrica0nafq2ahdvuj02uauibev	INTEGER	#	The number of RAB active failures for multi RAB combination CS AMR 12.2 kbit/s + 2 PS NRT background class.	Sum, nkcttbh, nkrttbh, tot
rab_active_fail_cs_amr_122_2_ps_nrt_interactive_and_background	nok_nkcel_mrabactfl_tab.wrica0lafq2ahdvuj02uauibev	INTEGER	#	The number of RAB active failures for multi RAB combination CS AMR 12.2 kbit/s + 1 PS NRT interactive class + 1	Sum, nkcttbh, nkrttbh, tot

This edition applies to IBM® Tivoli® Netcool® Performance Manager for Wireless and to all subsequent releases and modifications until otherwise indicated in new editions.

				PS NRT background class.	
rab_active_fail_cs_amr_122_2_ps_nrt_interactive_and_interactive	nok_nkcel_mrabactfl_tab.wrica0jafq2ahdvuj02uauibev	INTEGER	#	The number of RAB active failures for multi RAB combination CS AMR 12.2 kbit/s + 2 PS NRT interactive class.	Sum, nkcttbh, nkrttbh, tot
rab_active_fail_cs_amr_122_3_ps_nrt	nok_nkcel_mrabactfl_tab.wrica0pafq2ahdvuj02uauibev	INTEGER	#	The number of RAB active failures for multi RAB combination CS AMR 12.2 kbit/s + 3 PS NRT.	Sum, nkcttbh, nkrttbh, tot
rab_active_fail_cs_amr_multimode_1_ps_nrt_64_128	nok_nkcel_mrabactfl_tab.wrica0tafq2ahdvuj02uauibev	INTEGER	#	The number of RAB active failures for multi RAB combination CS AMR Multimode + PS NRT 64 kbit/s uplink and 128 kbit/s downlink.	Sum, nkcttbh, nkrttbh, tot
rab_active_fail_cs_amr_multimode_1_ps_nrt_64_384	nok_nkcel_mrabactfl_tab.wrica0vafq2ahdvuj02uauibev	INTEGER	#	The number of RAB active failures for multi RAB combination CS AMR Multimode + PS NRT 64 kbit/s uplink and 384 kbit/s downlink.	Sum, nkcttbh, nkrttbh, tot
rab_active_fail_cs_amr_multimode_1_ps_nrt_64_64	nok_nkcel_mrabactfl_tab.wrica0rafq2ahdvuj02uauibev	INTEGER	#	The number of RAB active failures for multi RAB combination CS AMR Multimode + PS NRT 64 kbit/s uplink and 64 kbit/s downlink.	Sum, nkcttbh, nkrttbh, tot
rab_active_fail_cs_amr_multimode_2_ps_nrt_background	nok_nkcel_mrabactfl_tab.wrica12afq2ahdvuj02uauibev	INTEGER	#	The number of RAB active failures for multi RAB	Sum, nkcttbh, nkrttbh,

_and_background				combination CS AMR Multimode + 2 PS NRT background class.	tot
rab_active_fail_cs_amr_multimode_2_ps_nrt_interactive_and_background	nok_nkcel_mrabactfl_tab.wrica10afq2ahdvuj02uauibev	INTEGER	#	The number of RAB active failures for multi RAB combination CS AMR Multimode + 1 PS NRT interactive class + 1 PS NRT background class.	Sum, nkcttbh, nkrttbh, tot
rab_active_fail_cs_amr_multimode_2_ps_nrt_interactive_and_interactive	nok_nkcel_mrabactfl_tab.wrica0xafq2ahdvuj02uauibev	INTEGER	#	The number of RAB active failures for multi RAB combination CS AMR Multimode + 2 PS NRT interactive class.	Sum, nkcttbh, nkrttbh, tot
rab_active_fail_cs_amr_multimode_3_ps_nrt	nok_nkcel_mrabactfl_tab.wrica14afq2ahdvuj02uauibev	INTEGER	#	The number of RAB active failures for multi RAB combination AMR Multimode + 3 PS NRT.	Sum, nkcttbh, nkrttbh, tot
rab_active_fail_cs_conversational_1_ps_nrt_64_128	nok_nkcel_mrabactfl_tab.wrica1bafq2ahdvuj02uauibev	INTEGER	#	The number of RAB active failures for multi RAB combination CS conversational class + PS NRT 64 kbit/s uplink and 128 kbit/s downlink.	Sum, nkcttbh, nkrttbh, tot
rab_active_fail_cs_conversational_1_ps_nrt_64_384	nok_nkcel_mrabactfl_tab.wrica1dafq2ahdvuj02uauibev	INTEGER	#	The number of RAB active failures for multi RAB combination CS	Sum, nkcttbh, nkrttbh, tot

This edition applies to IBM® Tivoli® Netcool® Performance Manager for Wireless and to all subsequent releases and modifications until otherwise indicated in new editions.

				conversational class + PS NRT 64 kbit/s uplink and 384 kbit/s downlink.	
rab_active_fail_cs_conversational_1_ps_nrt_64_64	nok_nkcel_mrabactfl_tab.wrica16afq2ahdvuj02uauibev	INTEGER	#	The number of RAB active failures for multi RAB combination CS conversational class + PS NRT 64 kbit/s uplink and 64 kbit/s downlink.	Sum, nkcttbh, nkrttbh, tot
rab_active_fail_ps_stream_guar_equals_max_1_ps_nrt_64_128	nok_nkcel_mrabactfl_tab.wrica1hafq2ahdvuj02uauibev	INTEGER	#	The number of RAB active failures for multi RAB combination PS streaming class in which guaranteed bit rate equals to maximum bit rate + PS NRT 64 kbit/s uplink and 128 kbit/s downlink.	Sum, nkcttbh, nkrttbh, tot
rab_active_fail_ps_stream_guar_equals_max_1_ps_nrt_64_384	nok_nkcel_mrabactfl_tab.wrica1jafq2ahdvuj02uauibev	INTEGER	#	The number of RAB active failures for multi RAB combination PS streaming class in which guaranteed bit rate equals to maximum bit rate + PS NRT 64 kbit/s uplink and 384 kbit/s downlink.	Sum, nkcttbh, nkrttbh, tot
rab_active_fail_ps_stream_guar_equals_max_1_ps_nrt_64_64	nok_nkcel_mrabactfl_tab.wrica1fafq2ahdvuj02uauibev	INTEGER	#	The number of RAB active failures for multi RAB combination PS streaming class in which guaranteed bit rate equals to maximum bit rate + PS NRT 64 kbit/s	Sum, nkcttbh, nkrttbh, tot

				uplink and 64 kbit/s downlink.	
rab_active_fail_ps_stream_guar_less_than_max_1_ps_nrt_64_128	nok_nkcel_mrabactfl_tab.wrica1nafq2ahdvuj02uauibev	INTEGER	#	The number of RAB active failures for multi RAB combination PS streaming class in which guaranteed bit rate is less than maximum bit rate + PS NRT 64 kbit/s uplink and 128 kbit/s downlink.	Sum, nkcttbh, nkrttbh, tot
rab_active_fail_ps_stream_guar_less_than_max_1_ps_nrt_64_384	nok_nkcel_mrabactfl_tab.wrica1pafq2ahdvuj02uauibev	INTEGER	#	The number of RAB active failures for multi RAB combination PS streaming class in which guaranteed bit rate is less than maximum bit rate + PS NRT 64 kbit/s uplink and 384 kbit/s downlink.	Sum, nkcttbh, nkrttbh, tot
rab_active_fail_ps_stream_guar_less_than_max_1_ps_nrt_64_64	nok_nkcel_mrabactfl_tab.wrica1lafq2ahdvuj02uauibev	INTEGER	#	The number of RAB active failures for multi RAB combination PS streaming class in which guaranteed bit rate is less than maximum bit rate + PS NRT 64 kbit/s uplink and 64 kbit/s downlink.	Sum, nkcttbh, nkrttbh, tot

6.6.38 Cell.Nokia.UMTS.multirab.setup_attempts

Multi-RAB: Setup attempts statistics

KPI Name	Expression	Data Type	Units	Description	Aggregation
rab_setup_attempt_2_ps_nrt_background_and_background	nok_nkcel_mulrab_setatm_tab.r36qu46ahl26seccb00hw01qk4	INT8	#	The number of RAB setup attempts the result of which would be a multi-RAB combination "2 PS NRT (BACKGROUND and BACKGROUND)".	Sum, nkcttbh, nkrttbh, tot
rab_setup_attempt_2_ps_nrt_interactive_and_background	nok_nkcel_mulrab_setatm_tab.r363pm6ahl26seccb00hw01qk4	INT8	#	The number of RAB setup attempts the result of which would be a multi-RAB combination "2 PS NRT (INTERACTIVE and BACKGROUND)".	Sum, nkcttbh, nkrttbh, tot
rab_setup_attempt_2_ps_nrt_interactive_and_interactive	nok_nkcel_mulrab_setatm_tab.r35kgj2ahl26seccb00hw01qk4	INT8	#	The number of RAB setup attempts the result of which would be a multi-RAB combination "2 PS NRT (INTERACTIVE and INTERACTIVE)".	Sum, nkcttbh, nkrttbh, tot
rab_setup_attempt_3_ps_nrt	nok_nkcel_mulrab_setatm_tab.r3acrg6ahl26seccb00hw01qk4	INT8	#	The number of RAB setup attempts the result of which would be a multi-RAB combination "3 PS NRT".	Sum, nkcttbh, nkrttbh, tot
rab_setup_attempt_cs_amr_12_2_1_ps_nrt_64_128	nok_nkcel_mulrab_setatm_tab.r32orupahl26seccb00hw01qk4	INT8	#	The number of RAB setup attempts the result of which would be a multi-RAB combination "CS AMR 12.2 + PS NRT (64/128)".	Sum, nkcttbh, nkrttbh, tot

rab_setup_attempt_cs_amr_12_2_1_ps_nrt_64_384	nok_nkcel_mulrab_setatm_tab.vf24o6s1xi2ahcwxr00pg3rx00	INTEGER	#	The number of RAB setup attempts, the result of which would be a multi-RAB combination CS AMR 12.2 + PS NRT (64/384).	Sum, nkcttbh, nkrttbh, tot
rab_setup_attempt_cs_amr_12_2_1_ps_nrt_64_64	nok_nkcel_mulrab_setatm_tab.r324iotahl26seccb00hw01qk4	INT8	#	The number of RAB setup attempts the result of which would be a multi-RAB combination "CS AMR 12.2 + PS NRT (64/64)".	Sum, nkcttbh, nkrttbh, tot
rab_setup_attempt_cs_amr_12_2_2_ps_nrt_background_and_background	nok_nkcel_mulrab_setatm_tab.r34eyf2ahl26seccb00hw01qk4	INT8	#	The number of RAB setup attempts the result of which would be a multi-RAB combination "CS AMR 12.2 + 2 PS NRT (BACKGROUND and BACKGROUND)".	Sum, nkcttbh, nkrttbh, tot
rab_setup_attempt_cs_amr_12_2_2_ps_nrt_interactive_and_background	nok_nkcel_mulrab_setatm_tab.r33siaxahl26seccb00hw01qk4	INT8	#	The number of RAB setup attempts the result of which would be a multi-RAB combination "CS AMR 12.2 + 2 PS NRT (INTERACTIVE and BACKGROUND)".	Sum, nkcttbh, nkrttbh, tot
rab_setup_attempt_cs_amr_12_2_2_ps_nrt_interactive_and_interactive	nok_nkcel_mulrab_setatm_tab.r33a62dahl26seccb00hw01qk4	INT8	#	The number of RAB setup attempts the result of which would be a multi-	Sum, nkcttbh, nkrttbh, tot

				RAB combination "CS AMR 12.2 + 2 PS NRT (INTERACTIVE and INTERACTIVE)".	
rab_setup_attempt_cs_amr_12_2_3_ps_nrt	nok_nkcel_mulrab_setatm_tab.r34xm4hahl26seccb00hw01qk4	INT8	#	The number of RAB setup attempts the result of which would be a multi-RAB combination "CS AMR 12.2+3PS NRT".	Sum, nkcttbh, nkrttbh, tot
rab_setup_attempt_cs_amr_multimode_1_ps_nrt_64_128	nok_nkcel_mulrab_setatm_tab.wlieksbafq2ahdvuj02uauibev	INTEGER	#	The number of RAB setup attempts, the result of which would be a multi-RAB combination "CS AMR MULTIMODE + 1 PS NRT (64/128)".	Sum, nkcttbh, nkrttbh, tot
rab_setup_attempt_cs_amr_multimode_1_ps_nrt_64_64	nok_nkcel_mulrab_setatm_tab.wlieks6afq2ahdvuj02uauibev	INTEGER	#	The number of RAB setup attempts, the result of which would be a multi-RAB combination "CS AMR MULTIMODE + 1 PS NRT (64/64)".	Sum, nkcttbh, nkrttbh, tot
rab_setup_attempt_cs_amr_multimode_2_ps_nrt_background_and_background	nok_nkcel_mulrab_setatm_tab.wliekshafq2ahdvuj02uauibev	INTEGER	#	The number of RAB setup attempts, the result of which would be a multi-RAB combination "CS AMR MULTIMODE + 2 PS NRT (BACKGROUND and BACKGROUND)".	Sum, nkcttbh, nkrttbh, tot
rab_setup_attempt_cs_amr_multimode_2_ps_nrt_interacti	nok_nkcel_mulrab_setatm_tab.wlieksfafq2ahdvuj02uauibev	INTEGER	#	The number of RAB setup attempts, the result of which	Sum, nkcttbh, nkrttbh,

ve_and_background				would be a multi-RAB combination "CS AMR MULTIMODE + 2 PS NRT (INTERACTIVE and BACKGROUND)".	tot
rab_setup_attempt_cs_amr_multimode_2_ps_nrt_interactive_and_interactive	nok_nkcel_mulrab_setatm_tab.wlieksdafq2ahdvuj02uauibev	INTEGER	#	The number of RAB setup attempts, the result of which would be a multi-RAB combination "CS AMR MULTIMODE + 2 PS NRT (INTERACTIVE and INTERACTIVE)".	Sum, nkcttbh, nkrttbh, tot
rab_setup_attempt_cs_amr_multimode_3_ps_nrt	nok_nkcel_mulrab_setatm_tab.wlieksjafq2ahdvuj02uauibev	INTEGER	#	The number of RAB setup attempts, the result of which would be a multi-RAB combination "CS AMR MULTIMODE + 3 PS NRT".	Sum, nkcttbh, nkrttbh, tot
rab_setup_attempt_cs_conversational_1_ps_nrt_64_128	nok_nkcel_mulrab_setatm_tab.r3eqg26ahl26seccb00hw01qk4	INT8	#	The number of RAB setup attempts the result of which would be a multi-RAB combination "CS CONVERSATIONAL + 1 PS NRT (64/128)".	Sum, nkcttbh, nkrttbh, tot
rab_setup_attempt_cs_conversational_	nok_nkcel_mulrab_setatm_tab.r3fccdpahl26seccb00h	INT8	#	The number of RAB setup attempts the	Sum, nkcttbh,

1_ps_nrt_64_384	w01qk4			result of which would be a multi-RAB combination "CS CONVERSATIONAL + 1 PS NRT (64/384)".	nkrttbh, tot
rab_setup_attempt_cs_conversational_1_ps_nrt_64_64	nok_nkcel_mulrab_setatm_tab.r3e5qt2ahl26seccb00hw01qk4	INT8	#	The number of RAB setup attempts the result of which would be a multi-RAB combination "CS CONVERSATIONAL + 1 PS NRT (64/64)".	Sum, nkcttbh, nkrttbh, tot
rab_setup_attempt_ps_stream_guar_equals_max_1_ps_nrt_64_128	nok_nkcel_mulrab_setatm_tab.r3bfb3dahl26seccb00hw01qk4	INT8	#	The number of RAB setup attempts the result of which would be a multi-RAB combination "PS Streaming with guaranteed bit rate the same as maximum bit rate" + "PS NRT (64 kpbs uplink/128 kbps downlink)".	Sum, nkcttbh, nkrttbh, tot
rab_setup_attempt_ps_stream_guar_equals_max_1_ps_nrt_64_384	nok_nkcel_mulrab_setatm_tab.r3bwmp2ahl26seccb00hw01qk4	INT8	#	The number of RAB setup attempts the result of which would be a multi-RAB combination "PS Streaming with guaranteed bit rate the same as maximum bit rate" + "PS NRT (64 kpbs uplink/384 kbps downlink)".	Sum, nkcttbh, nkrttbh, tot
rab_setup_attempt_ps_stream_guar_equals_max_1_ps_nrt	nok_nkcel_mulrab_setatm_tab.r3au11lahl26seccb00hw01qk4	INT8	#	The number of RAB setup attempts the result of which	Sum, nkcttbh, nkrttbh,

_64_64				would be a multi-RAB combination "PS Streaming with guaranteed bit rate the same as maximum bit rate" + "PS NRT (64 kpbs uplink/64 kbps downlink)".	tot
rab_setup_attempt_ps_stream_guar_less_than_max_1_ps_nrt_64_128	nok_nkcel_mulrab_setatm_tab.r3d1lklahl26seccb00hw01qk4	INT8	#	The number of RAB setup attempts the result of which would be a multi-RAB combination "PS Streaming with guaranteed bit rate less than maximum bit rate" + "PS NRT (64 kpbs uplink/128 kbps downlink)".	Sum, nkcttbh, nkrttbh, tot
rab_setup_attempt_ps_stream_guar_less_than_max_1_ps_nrt_64_384	nok_nkcel_mulrab_setatm_tab.r3dmnxdahl26seccb00hw01qk4	INT8	#	The number of RAB setup attempts the result of which would be a multi-RAB combination "PS Streaming with guaranteed bit rate less than maximum bit rate" + "PS NRT (64 kpbs uplink/384 kbps downlink)".	Sum, nkcttbh, nkrttbh, tot
rab_setup_attempt_ps_stream_guar_less_than_max_1_ps_nrt_64_64	nok_nkcel_mulrab_setatm_tab.r3ciyopahl26seccb00hw01qk4	INT8	#	The number of RAB setup attempts the result of which would be a multi-RAB combination "PS Streaming with guaranteed bit rate less than maximum	Sum, nkcttbh, nkrttbh, tot

				bit rate" + "PS NRT (64 kpbs uplink/64 kbps downlink)".	

6.6.39 Cell.Nokia.UMTS.nbap.block_resource

NBAP - Block resource to/from BTS related statistics

KPI Name	Expression	Data Type	Units	Description	Aggregation
block_resource_fail_to_bts	nok_nkcel_nbapblkrsrc_tab.r3gxdshahl26seccb00hw01qk4	INT8	#	The number of block resource failure messages sent to the BTS.	Sum, nkcttbh, nkrttbh, tot
block_resource_from_bts_high_priority	nok_nkcel_nbapblkrsrc_tab.r3fu126ahl26seccb00hw01qk4	INT8	#	The number of block resource messages with high priority from the BTS.	Sum, nkcttbh, nkrttbh, tot
block_resource_from_bts_normal_or_low_priority	nok_nkcel_nbapblkrsrc_tab.r3gg0bhahl26seccb00hw01qk4	INT8	#	The number of block resource messages with normal or low priority from the BTS.	Sum, nkcttbh, nkrttbh, tot

6.6.40 Cell.Nokia.UMTS.nbap.common_measurement

NBAP - Common measurements related statistics

KPI Name	Expression	Data Type	Units	Description	Aggregation
common_meas_failure_indication	nok_nkcel_nbapcommeas_tab.r3kdnp6ahl26seccb00hw01qk4	INT8	#	The number of common measurement failure indications.	Sum, nkcttbh, nkrttbh, tot
common_meas_init_fail_due_to_meas_temporarily_not_available	nok_nkcel_nbapcommeas_tab.r3imubtahl26seccb00hw01qk4	INT8	#	The number of common measurement initiation failures due to measurement temporarily not	Sum, nkcttbh, nkrttbh, tot

				available.	
common_meas_init_fail_due_to_not_support_for_the_obj	nok_nkcel_nbapcommeas_tab.r3i1lexahl26seccb00hw01qk4	INT8	#	The number of common measurement initiation failures due to measurement not supported for the object (3GPP Iub).	Sum, nkcttbh, nkrttbh, tot
common_meas_init_requests	nok_nkcel_nbapcommeas_tab.r3hil3xahl26seccb00hw01qk4	INT8	#	The number of common measurement initiation requests (3GPP Iub).	Sum, nkcttbh, nkrttbh, tot
common_meas_reports	nok_nkcel_nbapcommeas_tab.r3j5ildahl26seccb00hw01qk4	INT8	#	The number of received common measurement reports.	Sum, nkcttbh, nkrttbh, tot
common_meas_terminations	nok_nkcel_nbapcommeas_tab.r3jqxydahl26seccb00hw01qk4	INT8	#	The number of common measurement terminations.	Sum, nkcttbh, nkrttbh, tot

6.6.41 Cell.Nokia.UMTS.nbap.compressed_mode_command

NBAP - Compressed mode command statistics

KPI Name	Expression	Data Type	Units	Description	Aggregation
nbr_of_sent_comp_mode_cmds	nok_nkcel_compmodcom_tab.r3kvel6ahl26seccb00hw01qk4	INT8	#	Number of sent Compressed Mode Commands to BTS.	Sum, nkcttbh, nkrttbh, tot

6.6.42 Cell.Nokia.UMTS.nbap.dedicated_measurement_procedures

NBAP - Dedicated measurement procedures related statistics

KPI Name	Expression	Data Type	Units	Description	Aggregation
dedic_meas_fail_due_to_ctrl_proc_overload_or_not_enough_res	nok_nkcel_nbdedmprc_tab.r3oa4ihahl26seccb00hw01qk4	INT8	#	The number of dedicated measurement failures due to control process overload or not enough user plane processing resource.	Sum, nkcttbh, nkrttbh, tot
dedicated_meas_failure_indication	nok_nkcel_nbdedmprc_tab.r3pdfchahl26seccb00hw01qk4	INT8	#	The number of dedicated measurement failure indications received from the BTS.	Sum, nkcttbh, nkrttbh, tot
dedicated_meas_init_fail_due_to_meas_temp_not_avail	nok_nkcel_nbdedmprc_tab.r3mkuwtahl26seccb00hw01qk4	INT8	#	The number of Dedicated Measurement Initiation Failures due to measurement temporarily not available. This counter is supported only by 3GPP Iub.	Sum, nkcttbh, nkrttbh, tot
dedicated_meas_init_fail_due_to_not_supported_for_the_object	nok_nkcel_nbdedmprc_tab.r3n3bqdahl26seccb00hw01qk4	INT8	#	The number of Dedicated Measurement Initiation Failures due to operation not supported for the object. This counter is supported only by 3GPP Iub.	Sum, nkcttbh, nkrttbh, tot
dedicated_meas_terminations	nok_nkcel_nbdedmprc_tab.r3orq6xahl26seccb00hw01qk4	INT8	#	The number of dedicated measurement termination requests sent to a BTS.	Sum, nkcttbh, nkrttbh, tot
dedicated_measure	nok_nkcel_nbdedmprc_tab.	INT8	#	The number of sent	Sum,

ment_initiation_requests	r3lhba6ahl26seccb00hw01qk4			Dedicated Measurement Initiation requests.	nkcttbh, nkrttbh, tot
dedicated_measurement_initiation_response	nok_nkcel_nbdedmprc_tab.r3m0gthahl26seccb00hw01qk4	INT8	#	The number of received Dedicated Measurement Initiation responses.	Sum, nkcttbh, nkrttbh, tot
dedicated_measurement_report	nok_nkcel_nbdedmprc_tab.r3no1u6ahl26seccb00hw01qk4	INT8	#	The number of Dedicated Measurement Reports received. This counter is supported only by 3GPP Iub.	Sum, nkcttbh, nkrttbh, tot

6.6.43 Cell.Nokia.UMTS.nbap.error_indication

NBAP - Error indication statistics

KPI Name	Expression	Data Type	Units	Description	Aggregation
nbr_of_rec_error_indications	nok_nkcel_nbaperrindi_tab.r3qhhgxahl26seccb00hw01qk4	INT8	#	Number of received Error Indications from BTS.	Sum, nkcttbh, nkrttbh, tot
nbr_of_sent_error_indications	nok_nkcel_nbaperrindi_tab.r3pvub2ahl26seccb00hw01qk4	INT8	#	Number of sent Error Indications to BTS.	Sum, nkcttbh, nkrttbh, tot

6.6.44 Cell.Nokia.UMTS.nbap.iub_dl_powcon

IuB power control measurements

KPI Name	Expression	Data Type	Units	Description	Aggregation
all_iub_dl_power_c	nok_nbap_iub_dl_powcon	INTEG	#	Number of all Iub	Sum,

ontrol_messages_in_drnc	_tab.x4iqmslafq2ahdvuj02uauibev	ER		Downlink Power Control Messages in DRNC.	nkcttbh, nkrttbh, tot
all_iub_dl_power_control_messages_in_srnc	nok_nbap_iub_dl_powcon_tab.x4iqmsjafq2ahdvuj02uauibev	INTEGER	#	Number of all Iub Downlink Power Control Messages in SRNC.	Sum, nkcttbh, nkrttbh, tot
iub_dl_power_control_messages_for_power_update_in_drnc	nok_nbap_iub_dl_powcon_tab.x4iqmspafq2ahdvuj02uauibev	INTEGER	#	Number of Iub Downlink Power Control Messages for power update in DRNC.	Sum, nkcttbh, nkrttbh, tot
iub_dl_power_control_messages_for_power_update_in_srnc	nok_nbap_iub_dl_powcon_tab.x4iqmsnafq2ahdvuj02uauibev	INTEGER	#	Number of Iub Downlink Power Control Messages for power update in SRNC.	Sum, nkcttbh, nkrttbh, tot

6.6.45 Cell.Nokia.UMTS.nbap.radio_link_addition

NBAP - Radio link addition statistics

KPI Name	Expression	Data Type	Units	Description	Aggregation
_%_rl_branch_add_fail_for_sho_on_drnc	100 * ({rl_branch_add_succ_for_sho_on_drnc}-{rl_branch_add_att_for_sho_on_drnc})/{rl_branch_add_att_for_sho_on_drnc}	FLOAT	%	Percentage of radio link branch addition successes for softer HO on DRNC side.	Average, avg, nkcttbh, nkrttbh, tot
_%_rl_branch_add_fail_for_sho_on_srnc	100 * ({rl_branch_add_att_for_sho_on_srnc}-{rl_branch_add_succ_for_sho_on_srnc})/{rl_branch_add_att_for_sho_on_srnc}	FLOAT	%	Percentage of radio link branch addition successes for softer HO on SRNC side.	Average, avg, nkcttbh, nkrttbh, tot
_%_rl_branch_add_succ_for_sho_on_drnc	100 * {rl_branch_add_succ_for_sho_on_drnc}/{rl_branch_add_att_for_sh	FLOAT	%	Percentage of radio link branch addition successes for softer HO on DRNC side.	Average, avg, nkcttbh, nkrttbh,

	o_on_drnc}				tot
_%_rl_branch_add_succ_for_sho_on_srnc	100 * {rl_branch_add_succ_for_sho_on_srnc}/ {rl_branch_add_att_for_sho_on_srnc}	FLOAT	%	Percentage of radio link branch addition successes for softer HO on SRNC side.	Average, avg, nkcttbh, nkrttbh, tot
rl_branch_add_att_for_sho_on_drnc	nok_nkcel_nbaprladd_tab.r3rmqrtahl26seccb00hw01qk4	INT8	#	A number of radio link branch addition attempts for softer HO on DRNC side.	Sum, nkcttbh, nkrttbh, tot
rl_branch_add_att_for_sho_on_srnc	nok_nkcel_nbaprladd_tab.r3r1tjhahl26seccb00hw01qk4	INT8	#	A number of radio link branch addition attempts for softer HO on SRNC side.	Sum, nkcttbh, nkrttbh, tot
rl_branch_add_fail_for_sho_on_drnc_due_to_already_activ	nok_nkcel_nbaprladd_tab.r3xq03pahl26seccb00hw01qk4	INT8	#	A number of radio link branch addition failures for softer HO on DRNC side due to a context that is already activated.	Sum, nkcttbh, nkrttbh, tot
rl_branch_add_fail_for_sho_on_drnc_due_to_bts_gen_rea	nok_nkcel_nbaprladd_tab.r415tf6ahl26seccb00hw01qk4	INT8	#	A number of radio link branch addition failures for softer HO on DRNC side due to a general BTS reason. The general reason can be one of the following, Hardware overload, Signalling bearer overflow, Equipment failure, Unspecified cell (no configuration), Not enough resources (BS resource manager rejection),	Sum, nkcttbh, nkrttbh, tot

				Resource unavailable, unspecified BS capability failure.	
rl_branch_add_fail_for_sho_on_drnc_due_to_bts_not_resp	nok_nkcel_nbaprladd_tab.r40gqpxahl26seccb00hw01qk4	INT8	#	A number of radio link branch addition failures for softer HO on DRNC side because of the fact that a BTS is not responding.	Sum, nkcttbh, nkrttbh, tot
rl_branch_add_fail_for_sho_on_drnc_due_to_hw_res_not_avail	nok_nkcel_nbaprladd_tab.r3yclq6ahl26seccb00hw01qk4	INT8	#	A number of radio link branch addition failures for softer HO on DRNC side due to HW resource not available.	Sum, nkcttbh, nkrttbh, tot
rl_branch_add_fail_for_sho_on_drnc_due_to_misc	nok_nkcel_nbaprladd_tab.r45rgn6ahl26seccb00hw01qk4	INT8	#	The number of radio link branch addition failures for softer HO on DRNC side due to miscellaneous cause.	Sum, nkcttbh, nkrttbh, tot
rl_branch_add_fail_for_sho_on_drnc_due_to_not_enough_res	nok_nkcel_nbaprladd_tab.r3yv32tahl26seccb00hw01qk4	INT8	#	A number of radio link branch addition failures for softer HO on DRNC side due to not enough resources.	Sum, nkcttbh, nkrttbh, tot
rl_branch_add_fail_for_sho_on_drnc_due_to_om_interv	nok_nkcel_nbaprladd_tab.r3x4fi2ahl26seccb00hw01qk4	INT8	#	A number of radio link branch addition failures for softer HO on DRNC side due to OM intervention.	Sum, nkcttbh, nkrttbh, tot
rl_branch_add_fail_for_sho_on_drnc_due_to_prot	nok_nkcel_nbaprladd_tab.r456nl6ahl26seccb00hw01qk4	INT8	#	The number of radio link branch addition failures for softer HO on DRNC side due to protocol cause.	Sum, nkcttbh, nkrttbh, tot

rl_branch_add_fail_for_sho_on_drnc_due_to_rnl	nok_nkcel_nbaprladd_tab.r442p02ahl26seccb00hw01qk4	INT8	#	The number of radio link branch addition failures for softer HO on DRNC side due to radio network layer cause.	Sum, nkcttbh, nkrttbh, tot
rl_branch_add_fail_for_sho_on_drnc_due_to_trl	nok_nkcel_nbaprladd_tab.r44nwolahl26seccb00hw01qk4	INT8	#	The number of radio link branch addition failures for softer HO on DRNC side due to transmission layer cause.	Sum, nkcttbh, nkrttbh, tot
rl_branch_add_fail_for_sho_on_srnc_due_to_already_activ	nok_nkcel_nbaprladd_tab.r3u36alahl26seccb00hw01qk4	INT8	#	A number of radio link branch addition failures for softer HO on SRNC side due to a context that is already activated.	Sum, nkcttbh, nkrttbh, tot
rl_branch_add_fail_for_sho_on_srnc_due_to_bts_gen_rea	nok_nkcel_nbaprladd_tab.r3wlgnpahl26seccb00hw01qk4	INT8	#	A number of radio link branch addition failures for softer HO on SRNC side due to a general BTS reason. The general reason can be one of the following, Hardware overload, Signalling bearer overflow, Equipment failure, Unspecified cell (no configuration), Not enough resources (BS resource manager rejection), Resource	Sum, nkcttbh, nkrttbh, tot

				unavailable, unspecified BS capability failure.	
rl_branch_add_fail_for_sho_on_srnc_due_to_bts_not_resp	nok_nkcel_nbaprladd_tab.r3vyqadahl26seccb00hw01qk4	INT8	#	A number of radio link branch addition failures for softer HO on SRNC side because a BTS is not responding.	Sum, nkcttbh, nkrttbh, tot
rl_branch_add_fail_for_sho_on_srnc_due_to_hw_res_not_avail	nok_nkcel_nbaprladd_tab.r3uu2clahl26seccb00hw01qk4	INT8	#	A number of radio link branch addition failures for softer HO on the SRNC side due to resource not available.	Sum, nkcttbh, nkrttbh, tot
rl_branch_add_fail_for_sho_on_srnc_due_to_misc	nok_nkcel_nbaprladd_tab.r43j33tahl26seccb00hw01qk4	INT8	#	The number of radio link branch addition failures for softer HO on SRNC side due to miscellaneous cause.	Sum, nkcttbh, nkrttbh, tot
rl_branch_add_fail_for_sho_on_srnc_due_to_not_enough_res	nok_nkcel_nbaprladd_tab.r3vgiw2ahl26seccb00hw01qk4	INT8	#	A number of radio link branch addition failures for softer HO on SRNC side due to not enough resources.	Sum, nkcttbh, nkrttbh, tot
rl_branch_add_fail_for_sho_on_srnc_due_to_om_interv	nok_nkcel_nbaprladd_tab.r3tjwltahl26seccb00hw01qk4	INT8	#	A number of radio link branch addition failures for softer HO on SRNC side due to OM intervention.	Sum, nkcttbh, nkrttbh, tot
rl_branch_add_fail_for_sho_on_srnc_due_to_prot	nok_nkcel_nbaprladd_tab.r42wkmxahl26seccb00hw01qk4	INT8	#	The number of radio link branch addition failures for softer HO on SRNC side due to protocol cause.	Sum, nkcttbh, nkrttbh, tot
rl_branch_add_fail	nok_nkcel_nbaprladd_tab.r	INT8	#	The number of	Sum,

_for_sho_on_srnc_due_to_rnl	41r2e2ahl26seccb00hw01qk4			radio link branch addition failures for softer HO on SRNC side due to radio network layer cause.	nkcttbh, nkrttbh, tot
rl_branch_add_fail_for_sho_on_srnc_due_to_trl	nok_nkcel_nbaprladd_tab.r42dsrxahl26seccb00hw01qk4	INT8	#	The number of radio link branch addition failures for softer HO on SRNC side due to transmission layer cause.	Sum, nkcttbh, nkrttbh, tot
rl_branch_add_succ_for_sho_on_drnc	nok_nkcel_nbaprladd_tab.r3sqjnhahl26seccb00hw01qk4	INT8	#	A number of radio link branch addition successes for softer HO on DRNC side.	Sum, nkcttbh, nkrttbh, tot
rl_branch_add_succ_for_sho_on_srnc	nok_nkcel_nbaprladd_tab.r3s5m56ahl26seccb00hw01qk4	INT8	#	A number of radio link branch addition successes for softer HO on SRNC side.	Sum, nkcttbh, nkrttbh, tot
tot_rl_branch_add_fail_for_sho_on_drnc	({rl_branch_add_fail_for_sho_on_drnc_due_to_om_interv}+ {rl_branch_add_fail_for_sho_on_drnc_due_to_already_activ}+ {rl_branch_add_fail_for_sho_on_drnc_due_to_hw_res_not_avail}+ {rl_branch_add_fail_for_sho_on_drnc_due_to_not_enough_res}+ {rl_branch_add_fail_for_sho_on_drnc_due_to_bts_not_resp}+ {rl_branch_add_fail_for_sho_on_drnc_due_to_bts_gen	INT8	#	Total radio link branch addition failure for all causes for softer HO on DRNC side.	Sum, nkcttbh, nkrttbh, tot

	_rea}+ {rl_branch_add_fail_for_sho_on_drnc_due_to_rnl}+ {rl_branch_add_fail_for_sho_on_drnc_due_to_trl}+ {rl_branch_add_fail_for_sho_on_drnc_due_to_prot}+ {rl_branch_add_fail_for_sho_on_drnc_due_to_misc})				
tot_rl_branch_add_fail_for_sho_on_srnc	({rl_branch_add_fail_for_sho_on_srnc_due_to_om_interv}+ {rl_branch_add_fail_for_sho_on_srnc_due_to_already_activ}+ {rl_branch_add_fail_for_sho_on_srnc_due_to_hw_res_not_avail}+ {rl_branch_add_fail_for_sho_on_srnc_due_to_not_enough_res}+ {rl_branch_add_fail_for_sho_on_srnc_due_to_bts_not_resp}+ {rl_branch_add_fail_for_sho_on_srnc_due_to_bts_gen_rea}+ {rl_branch_add_fail_for_sho_on_srnc_due_to_rnl}+ {rl_branch_add_fail_for_sho_on_srnc_due_to_trl}+ {rl_branch_add_fail_for_sho_on_srnc_due_to_prot}+ {rl_branch_add_fail_for_sho_on_srnc_due_to_misc})	INT8	#	Total radio link branch addition failure for all causes for softer HO on SRNC side.	Sum, nkcttbh, nkrttbh, tot

6.6.46 Cell.Nokia.UMTS.nbap.radio_link_failure_deletion.drnc

NBAP - Radio link failure statistics

KPI Name	Expression	Data Type	Units	Description	Aggregation
rl_del_on_drnc_due_to_act_rl_syn_fai	nok_nkcel_nbaprldeldrnc_tab.r4gku32ahl26seccb00hw	INT8	#	A number of radio link deletions on	Sum, nkcttbh,

l	01qk4			DRNC side due to an active radio link synchronisation failure. If a BTS loses synchronisation on an active RL and is not able tore establish synchronisation during the time defined by T_arlsyf.	nkrttbh, tot
rl_del_on_drnc_due_to_bts_equip_fail	nok_nkcel_nbaprldeldrnc_tab.r4hpkodahl26seccb00hw01qk4	INT8	#	A number of radio link deletions on DRNC side due to a BTS equipment failure. If a BTS reports on an equipment failure.	Sum, nkcttbh, nkrttbh, tot
rl_del_on_drnc_due_to_bts_hw_overl	nok_nkcel_nbaprldeldrnc_tab.r4h3fshahl26seccb00hw01qk4	INT8	#	A number of radio link deletions on DRNC side due to BTS HW overload. If a BTS reports on HW overload.	Sum, nkcttbh, nkrttbh, tot
rl_del_on_drnc_due_to_ini_syn_fail	nok_nkcel_nbaprldeldrnc_tab.r4fyip6ahl26seccb00hw01qk4	INT8	#	A number of radio link deletions on DRNC side due to an initial synchronisation failure. If a BTS fails to establish synchronisation at L1 during the time defined by T_inisyf.	Sum, nkcttbh, nkrttbh, tot
rl_del_on_drnc_due_to_norm_rel	nok_nkcel_nbaprldeldrnc_tab.r4faxhhahl26seccb00hw01qk4	INT8	#	A number of radio link deletions on DRNC side due to a	Sum, nkcttbh, nkrttbh,

				normal release.	tot
rl_del_resp_on_drnc	nok_nkcel_nbaprldeldrnc_tab.r4ichdpahl26seccb00hw01qk4	INT8	#	A number of Radio Link Deletion responses on the DRNC side.	Sum, nkcttbh, nkrttbh, tot
rl_fail_on_drnc_due_to_bts_equip_fail	nok_nkcel_nbaprldeldrnc_tab.r4ep0wdahl26seccb00hw01qk4	INT8	#	A number of radio link failures on DRNC side due to a BTS equipment failure. If a BTS reports on an equipment failure.	Sum, nkcttbh, nkrttbh, tot
rl_fail_on_drnc_due_to_bts_hw_overl	nok_nkcel_nbaprldeldrnc_tab.r4e31p2ahl26seccb00hw01qk4	INT8	#	A number of radio link failures on DRNC side due to BTS HW overload. If a BTS reports a HW overload.	Sum, nkcttbh, nkrttbh, tot
rl_fail_on_drnc_due_to_ini_syn_fail	nok_nkcel_nbaprldeldrnc_tab.r4cvgk6ahl26seccb00hw01qk4	INT8	#	A number of radio link failures on DRNC side due to an initial synchronisation failure. If a BTS fails to establish synchronisation at L1 during the time defined by T_inisyf.	Sum, nkcttbh, nkrttbh, tot
rl_fail_on_drnc_due_to_misc_cause	nok_nkcel_nbaprldeldrnc_tab.r4ktmtpahl26seccb00hw01qk4	INT8	#	The number of radio link failures on DRNC due to miscellaneous cause.	Sum, nkcttbh, nkrttbh, tot
rl_fail_on_drnc_due_to_prot_cause	nok_nkcel_nbaprldeldrnc_tab.r4k66a2ahl26seccb00hw01qk4	INT8	#	The number of radio link failures on DRNC due to protocol cause.	Sum, nkcttbh, nkrttbh, tot
rl_fail_on_drnc_due_to_rn_layer_cause	nok_nkcel_nbaprldeldrnc_tab.r4ivx5tahl26seccb00hw01qk4	INT8	#	The number of radio link failures on DRNC due to radio network layer cause.	Sum, nkcttbh, nkrttbh, tot

rl_fail_on_drnc_due_to_tr_layer_cause	nok_nkcel_nbaprldeldrnc_tab.r4jkn6tahl26seccb00hw01qk4	INT8	#	The number of radio link failures on DRNC due to transmission layer cause.	Sum, nkcttbh, nkrttbh, tot
rl_failure_on_drnc_due_to_act_rl_syn_fail	nok_nkcel_nbaprldeldrnc_tab.r4dihr6ahl26seccb00hw01qk4	INT8	#	A number of radio link failures on DRNC side due to an active radio link synchronisation failure. If a BTS loses synchronisation on an active RL and is not able to re establish synchronisation during the time defined by T_arlsyf.	Sum, nkcttbh, nkrttbh, tot

6.6.47 Cell.Nokia.UMTS.nbap.radio_link_failure_deletion.srnc

NBAP - Radio link failure deletion statistics

KPI Name	Expression	Data Type	Units	Description	Aggregation
rl_del_on_srnc_due_to_act_rl_syn_fail	nok_nkcel_nbaprldelsrnc_tab.r4pfdb6ahl26seccb00hw01qk4	INT8	#	A number of radio link deletions on SRNC side due to an active radio link synchronisation failure. If a BTS loses synchronisation on an active RL and is not able tore establish synchronisation during the time	Sum, nkcttbh, nkrttbh, tot

				defined by T_arlsyf.	
rl_del_on_srnc_due_to_bts_equip_fail	nok_nkcel_nbaprldelsrnc_tab.r4qqhn2ahl26seccb00hw01qk4	INT8	#	A number of radio link deletions on SRNC side due to a BTS equipment failure. If a BTS reports on an equipment failure.	Sum, nkcttbh, nkrttbh, tot
rl_del_on_srnc_due_to_bts_hw_overl	nok_nkcel_nbaprldelsrnc_tab.r4q2r3hahl26seccb00hw01qk4	INT8	#	A number of radio link deletions on SRNC side due to BTS HW overload. If a BTS reports on HW overload.	Sum, nkcttbh, nkrttbh, tot
rl_del_on_srnc_due_to_ini_syn_fail	nok_nkcel_nbaprldelsrnc_tab.r4or6nlahl26seccb00hw01qk4	INT8	#	A number of radio link deletions on SRNC side due to an initial synchronisation failure. If a BTS fails to establish synchronisation at L1 during the time defined by T_inisyf.	Sum, nkcttbh, nkrttbh, tot
rl_del_on_srnc_due_to_norm_rel	nok_nkcel_nbaprldelsrnc_tab.r4o3e56ahl26seccb00hw01qk4	INT8	#	A number of radio link deletions on SRNC side due to a normal release.	Sum, nkcttbh, nkrttbh, tot
rl_del_resp_on_srnc	nok_nkcel_nbaprldelsrnc_tab.r4rfw1pahl26seccb00hw01qk4	INT8	#	A number of radio link deletion failures of a soft HO branch on SRNC side due to a BTS. If a BTS reports on an radio link deletion failure	Sum, nkcttbh, nkrttbh, tot
rl_fail_on_srnc_due_to_act_rl_syn_fail	nok_nkcel_nbaprldelsrnc_tab.r4m4s62ahl26seccb00hw01qk4	INT8	#	A number of radio link failures on SRNC side due to an active radio link synchronisation failure. If a BTS loses	Sum, nkcttbh, nkrttbh, tot

				synchronisation on an active RL and is not able tore establish synchronisation during the time defined by T_arlsyf.	
rl_fail_on_srnc_due_to_bts_equip_fail	nok_nkcel_nbaprldelsrnc_tab.r4nhutlahl26seccb00hw01qk4	INT8	#	A number of radio link failures on SRNC side due to a BTS equipment failure. If a BTS reports on an equipment failure.	Sum, nkcttbh, nkrttbh, tot
rl_fail_on_srnc_due_to_bts_hw_overl	nok_nkcel_nbaprldelsrnc_tab.r4mtc3tahl26seccb00hw01qk4	INT8	#	A number of radio link failures on SRNC side due to BTS HW overload. If a BTS reports a HW overload.	Sum, nkcttbh, nkrttbh, tot
rl_fail_on_srnc_due_to_ini_syn_fail	nok_nkcel_nbaprldelsrnc_tab.r4lihrlahl26seccb00hw01qk4	INT8	#	A number of radio link failures on SRNC side due to an initial synchronisation failure. If a BTS fails to establish synchronisation at L1 during the time defined by T_inisyf.	Sum, nkcttbh, nkrttbh, tot
rl_fail_on_srnc_due_to_misc_cause	nok_nkcel_nbaprldelsrnc_tab.r4uaoy6ahl26seccb00hw01qk4	INT8	#	The number of radio link failures on SRNC due to miscellaneous cause.	Sum, nkcttbh, nkrttbh, tot
rl_fail_on_srnc_due_to_prot_cause	nok_nkcel_nbaprldelsrnc_tab.r4tktkdahl26seccb00hw01qk4	INT8	#	The number of radio link failures on SRNC due to	Sum, nkcttbh, nkrttbh,

				protocol cause.	tot
rl_fail_on_srnc_due_to_rn_layer_cause	nok_nkcel_nbaprldelsrnc_tab.r4s2tghahl26seccb00hw01qk4	INT8	#	The number of radio link failures on SRNC due to radio network layer cause.	Sum, nkcttbh, nkrttbh, tot
rl_fail_on_srnc_due_to_tr_layer_cause	nok_nkcel_nbaprldelsrnc_tab.r4svkg2ahl26seccb00hw01qk4	INT8	#	The number of radio link failures on SRNC due to transmission layer cause.	Sum, nkcttbh, nkrttbh, tot

6.6.48 Cell.Nokia.UMTS.nbap.radio_link_forced_ho

NBAP - Forced handover statistics

KPI Name	Expression	Data Type	Units	Description	Aggregation
ho_req_due_to_bts_req	nok_nkcel_nbaprlfrcho_tab.r4uwcixahl26seccb00hw01qk4	INT8	#	A number of handover requests due to a BTS request.	Sum, nkcttbh, nkrttbh, tot
ho_resp_rej_due_to_bts_req	nok_nkcel_nbaprlfrcho_tab.r4vlb6hahl26seccb00hw01qk4	INT8	#	A number of handover request (due to a BTS) responses rejecting the HO request.	Sum, nkcttbh, nkrttbh, tot

6.6.49 Cell.Nokia.UMTS.nbap.radio_link_reconfig_commit_cancel

NBAP - Radio link reconfiguration commit statistics

KPI Name	Expression	Data Type	Units	Description	Aggregation
rl_reconf_canc_synch_on_drnc_due_to_other_bts_not_ready	nok_nkcel_nbaprlcfgcmcl_tab.r5040stahl26seccb00hw01qk4	INT8	#	A number of cancelled synchronised radio link reconfigurations on DRNC side because of the fact that other BTS(s) does not support a new	Sum, nkcttbh, nkrttbh, tot

				configuration.	
rl_reconf_canc_synch_on_drnc_due_to_transmission_setup_fail	nok_nkcel_nbaprlcfgcmcl_tab.r4ykonhahl26seccb00hw01qk4	INT8	#	A number of cancelled synchronised radio link reconfigurations on DRNC side due to a transmission setup failure.	Sum, nkcttbh, nkrttbh, tot
rl_reconf_canc_synch_on_srnc_due_to_other_bts_not_ready	nok_nkcel_nbaprlcfgcmcl_tab.r4xy4d6ahl26seccb00hw01qk4	INT8	#	A number of cancelled synchronised radio link reconfigurations on SRNC side due to the fact that other BTS(s)does not support a new configuration.	Sum, nkcttbh, nkrttbh, tot
rl_reconf_canc_synch_on_srnc_due_to_transmission_setup_fail	nok_nkcel_nbaprlcfgcmcl_tab.r4xf1jlahl26seccb00hw01qk4	INT8	#	A number of cancelled synchronised radio link reconfigurations on SRNC side due to a transmission setup failure.	Sum, nkcttbh, nkrttbh, tot
rl_reconf_comm_synch_on_drnc	nok_nkcel_nbaprlcfgcmcl_tab.r4wsistahl26seccb00hw01qk4	INT8	#	A number of committed synchronised radio link reconfigurations on DRNC side.	Sum, nkcttbh, nkrttbh, tot
rl_reconf_comm_synch_on_srnc	nok_nkcel_nbaprlcfgcmcl_tab.r4w656tahl26seccb00hw01qk4	INT8	#	A number of committed synchronised radio link reconfigurations	Sum, nkcttbh, nkrttbh, tot

				DCH on SRNC side.	

6.6.50 Cell.Nokia.UMTS.nbap.radio_link_reconfig_failures.drnc

NBAP - Radio link reconfiguration failures statistics at DRNC

KPI Name	Expression	Data Type	Units	Description	Aggregation
rl_reconf_prep_synch_fail_on_drnc	nok_nkcel_nbaprlcfgfldc_tab.r5eoe5dahl26seccb00hw01qk4	INT8	#	A number of unsuccessful synchronised radio link reconfiguration preparations on DRNC.	Sum, nkcttbh, nkrttbh, tot
rl_reconf_prep_synch_for_dch_add_fail_on_drnc_due_to_already_activ	nok_nkcel_nbaprlcfgfldc_tab.r51c5utahl26seccb00hw01qk4	INT8	#	A number of unsuccessful DCH additions for synchronised radio link reconfiguration preparations on DRNC.	Sum, nkcttbh, nkrttbh, tot
rl_reconf_prep_synch_for_dch_add_fail_on_drnc_due_to_bts_gen_rea	nok_nkcel_nbaprlcfgfldc_tab.r53lrnxahl26seccb00hw01qk4	INT8	#	A number of unsuccessful DCH additions for synchronised radio link reconfiguration preparations on DRNC. The general reason can be one of the following, Hardware overload, Signalling bearer overflow, Equipment failure, Unspecified cell (no configuration), Not enough resources (BS resource manager rejection), Resource unavailable, unspecified BS capability failure.	Sum, nkcttbh, nkrttbh, tot

rl_reconf_prep_synch_for_dch_add_fail_on_drnc_due_to_bts_not_resp	nok_nkcel_nbaprlcfgfldc_tab.r5302xpahl26seccb00hw01qk4	INT8	#	A number of unsuccessful DCH additions for synchronised radio link reconfiguration preparations on DRNC.	Sum, nkcttbh, nkrttbh, tot
rl_reconf_prep_synch_for_dch_add_fail_on_drnc_due_to_hw_res_not_avail	nok_nkcel_nbaprlcfgfldc_tab.r51u266ahl26seccb00hw01qk4	INT8	#	A number of unsuccessful DCH additions for synchronised radio link reconfiguration preparations on DRNC.	Sum, nkcttbh, nkrttbh, tot
rl_reconf_prep_synch_for_dch_add_fail_on_drnc_due_to_not_enough_res	nok_nkcel_nbaprlcfgfldc_tab.r52fxixahl26seccb00hw01qk4	INT8	#	A number of unsuccessful DCH additions for synchronised radio link reconfiguration preparations on DRNC.	Sum, nkcttbh, nkrttbh, tot
rl_reconf_prep_synch_for_dch_add_fail_on_drnc_due_to_om_interv	nok_nkcel_nbaprlcfgfldc_tab.r50pmi6ahl26seccb00hw01qk4	INT8	#	A number of unsuccessful DCH additions for synchronised radio link reconfiguration preparations on DRNC.	Sum, nkcttbh, nkrttbh, tot
rl_reconf_prep_synch_for_dch_del_fail_on_drnc_due_to_already_activ	nok_nkcel_nbaprlcfgfldc_tab.r5blyl6ahl26seccb00hw01qk4	INT8	#	A number of unsuccessful DCH deletions for synchronised radio link reconfiguration preparations on DRNC.	Sum, nkcttbh, nkrttbh, tot
rl_reconf_prep_synch_for_dch_del_fail_on_drnc_due_to_	nok_nkcel_nbaprlcfgfldc_tab.r5e1142ahl26seccb00hw01qk4	INT8	#	A number of unsuccessful DCH deletions for	Sum, nkcttbh, nkrttbh,

bts_gen_rea				synchronised radio link reconfiguration preparations on DRNC. The general reason can be one of the following, Hardware overload, Signalling bearer overflow, Equipment failure Unspecified cell (no configuration), Not enough resources (BS resource manager rejection), Resource unavailable, unspecified BS capability failure.	tot
rl_reconf_prep_synch_for_dch_del_fail_on_drnc_due_to_bts_not_resp	nok_nkcel_nbaprlcfgfldc_tab.r5dgt0xahl26seccb00hw01qk4	INT8	#	A number of unsuccessful DCH deletions for synchronised radio link reconfiguration preparations on DRNC.	Sum, nkcttbh, nkrttbh, tot
rl_reconf_prep_synch_for_dch_del_fail_on_drnc_due_to_hw_res_not_avail	nok_nkcel_nbaprlcfgfldc_tab.r5ca12xahl26seccb00hw01qk4	INT8	#	A number of unsuccessful DCH deletions for synchronised radio link reconfiguration preparations on DRNC.	Sum, nkcttbh, nkrttbh, tot
rl_reconf_prep_synch_for_dch_del_fail_on_drnc_due_to_not_enough_res	nok_nkcel_nbaprlcfgfldc_tab.r5ctdhlahl26seccb00hw01qk4	INT8	#	A number of unsuccessful DCH deletions for synchronised radio link reconfiguration preparations on DRNC.	Sum, nkcttbh, nkrttbh, tot
rl_reconf_prep_synch_for_dch_del_fail_on_drnc_due_to_	nok_nkcel_nbaprlcfgfldc_tab.r5ayjshahl26seccb00hw01qk4	INT8	#	A number of unsuccessful DCH deletions for	Sum, nkcttbh, nkrttbh,

om_interv				synchronised radio link reconfiguration preparations on DRNC.	tot
rl_reconf_prep_synch_for_dch_mod_fail_on_drnc_due_to_already_activ	nok_nkcel_nbaprlcfgfldc_tab.r54soa6ahl26seccb00hw01qk4	INT8	#	A number of unsuccessful DCH modifications for synchronised radio link reconfiguration preparations on DRNC.	Sum, nkcttbh, nkrttbh, tot
rl_reconf_prep_synch_for_dch_mod_fail_on_drnc_due_to_bts_gen_rea	nok_nkcel_nbaprlcfgfldc_tab.r5af1yhahl26seccb00hw01qk4	INT8	#	A number of unsuccessful DCH modifications for synchronised radio link reconfiguration preparations on DRNC. The general reason can be one of the following, Hardware overload Signalling bearer overflow Equipment failure Unspecified cell (no configuration) Not enough resources (BS resource manager rejection) Resource unavailable, unspecified BS capability failure.	Sum, nkcttbh, nkrttbh, tot
rl_reconf_prep_synch_for_dch_mod_fail_on_drnc_due_to_bts_not_resp	nok_nkcel_nbaprlcfgfldc_tab.r56poyxahl26seccb00hw01qk4	INT8	#	A number of unsuccessful DCH modifications for synchronised radio link reconfiguration preparations on	Sum, nkcttbh, nkrttbh, tot

				DRNC.	
rl_reconf_prep_synch_for_dch_mod_fail_on_drnc_due_to_hw_res_not_avail	nok_nkcel_nbaprlcfgfldc_tab.r55g0blahl26seccb00hw01qk4	INT8	#	A number of unsuccessful DCH modifications for synchronised radio link reconfiguration preparations on DRNC.	Sum, nkcttbh, nkrttbh, tot
rl_reconf_prep_synch_for_dch_mod_fail_on_drnc_due_to_not_enough_res	nok_nkcel_nbaprlcfgfldc_tab.r5606q2ahl26seccb00hw01qk4	INT8	#	A number of unsuccessful DCH modifications for synchronised radio link reconfiguration preparations on DRNC.	Sum, nkcttbh, nkrttbh, tot
rl_reconf_prep_synch_for_dch_mod_fail_on_drnc_due_to_om_interv	nok_nkcel_nbaprlcfgfldc_tab.r545pn6ahl26seccb00hw01qk4	INT8	#	A number of unsuccessful DCH modifications for synchronised radio link reconfiguration preparations on DRNC.	Sum, nkcttbh, nkrttbh, tot

6.6.51 Cell.Nokia.UMTS.nbap.radio_link_reconfig_failures.srnc

NBAP - Radio link reconfiguration failures statistics at SRNC

KPI Name	Expression	Data Type	Units	Description	Aggregation
rl_reconf_prep_synch_fail_on_srnc	nok_nkcel_nbaprlcfgflsc_tab.r5rvpx2ahl26seccb00hw01qk4	INT8	#	A number of unsuccessful synchronised radio link reconfiguration preparations on SRNC.	Sum, nkcttbh, nkrttbh, tot
rl_reconf_prep_synch_for_dch_add_fail_on_srnc_due_to_already_activ	nok_nkcel_nbaprlcfgflsc_tab.r5g3iwlahl26seccb00hw01qk4	INT8	#	A number of unsuccessful DCH additions for synchronised radio link reconfiguration preparations on SRNC.	Sum, nkcttbh, nkrttbh, tot

rl_reconf_prep_synch_for_dch_add_fail_on_srnc_due_to_bts_gen_rea	nok_nkcel_nbaprlcfgflsc_tab.r5ixsvpahl26seccb00hw01qk4	INT8	#	A number of unsuccessful DCH additions for synchronised radio link reconfiguration preparations on SRNC. The general reason can be one of the following, Hardware overload Signalling bearer overflow, Equipment failure, Unspecified cell (no configuration), Not enough resources (BS resource manager rejection), Resource unavailable, unspecified BS capability failure.	Sum, nkcttbh, nkrttbh, tot
rl_reconf_prep_synch_for_dch_add_fail_on_srnc_due_to_bts_not_resp	nok_nkcel_nbaprlcfgflsc_tab.r5i5tt2ahl26seccb00hw01qk4	INT8	#	A number of unsuccessful DCH additions for synchronised radio link reconfiguration preparations on SRNC.	Sum, nkcttbh, nkrttbh, tot
rl_reconf_prep_synch_for_dch_add_fail_on_srnc_due_to_hw_res_not_avail	nok_nkcel_nbaprlcfgflsc_tab.r5gsssdahl26seccb00hw01qk4	INT8	#	A number of unsuccessful DCH additions for synchronised radio link reconfiguration preparations on SRNC.	Sum, nkcttbh, nkrttbh, tot
rl_reconf_prep_synch_for_dch_add_fail_on_srnc_due_to_	nok_nkcel_nbaprlcfgflsc_tab.r5hibvtahl26seccb00hw01qk4	INT8	#	A number of unsuccessful DCH additions for	Sum, nkcttbh, nkrttbh,

not_enough_res				synchronised radio link reconfiguration preparations on SRNC.	tot
rl_reconf_prep_synch_for_dch_add_fail_on_srnc_due_to_om_interv	nok_nkcel_nbaprlcfgflsc_tab.r5ff41pahl26seccb00hw01qk4	INT8	#	A number of unsuccessful DCH additions for synchronised radio link reconfiguration preparations on SRNC.	Sum, nkcttbh, nkrttbh, tot
rl_reconf_prep_synch_for_dch_del_fail_on_srnc_due_to_already_activ	nok_nkcel_nbaprlcfgflsc_tab.r5ogkndahl26seccb00hw01qk4	INT8	#	A number of unsuccessful DCH deletions for synchronised radio link reconfiguration preparations on SRNC.	Sum, nkcttbh, nkrttbh, tot
rl_reconf_prep_synch_for_dch_del_fail_on_srnc_due_to_bts_gen_rea	nok_nkcel_nbaprlcfgflsc_tab.r5r64h2ahl26seccb00hw01qk4	INT8	#	A number of unsuccessful DCH deletions for synchronised radio link reconfiguration preparations on SRNC. The general reason can be one of the following, Hardware overload, Signalling bearer overflow, Equipment failure, Unspecified cell (no configuration), Not enough resources (BS resource manager rejection), Resource unavailable, unspecified BS capability failure.	Sum, nkcttbh, nkrttbh, tot
rl_reconf_prep_synch_for_dch_del_fail_on_srnc_due_to_	nok_nkcel_nbaprlcfgflsc_tab.r5qjuadahl26seccb00hw01qk4	INT8	#	A number of unsuccessful DCH deletions for	Sum, nkcttbh, nkrttbh,

bts_not_resp				synchronised radio link reconfiguration preparations on SRNC.	tot
rl_reconf_prep_synch_for_dch_del_fail_on_srnc_due_to_hw_res_not_avail	nok_nkcel_nbaprlcfgflsc_tab.r5pafhhahl26seccb00hw01qk4	INT8	#	A number of unsuccessful DCH deletions for synchronised radio link reconfiguration preparations on SRNC.	Sum, nkcttbh, nkrttbh, tot
rl_reconf_prep_synch_for_dch_del_fail_on_srnc_due_to_not_enough_res	nok_nkcel_nbaprlcfgflsc_tab.r5puly6ahl26seccb00hw01qk4	INT8	#	A number of unsuccessful DCH deletions for synchronised radio link reconfiguration preparations on SRNC.	Sum, nkcttbh, nkrttbh, tot
rl_reconf_prep_synch_for_dch_del_fail_on_srnc_due_to_om_interv	nok_nkcel_nbaprlcfgflsc_tab.r5nr5vxahl26seccb00hw01qk4	INT8	#	A number of unsuccessful DCH deletions for synchronised radio link reconfiguration preparations on SRNC.	Sum, nkcttbh, nkrttbh, tot
rl_reconf_prep_synch_for_dch_mod_fail_on_srnc_due_to_already_activ	nok_nkcel_nbaprlcfgflsc_tab.r5ke44hahl26seccb00hw01qk4	INT8	#	A number of unsuccessful DCH modifications for synchronised radio link reconfiguration preparations on SRNC.	Sum, nkcttbh, nkrttbh, tot
rl_reconf_prep_synch_for_dch_mod_fail_on_srnc_due_to_bts_gen_rea	nok_nkcel_nbaprlcfgflsc_tab.r5n1bwdahl26seccb00hw01qk4	INT8	#	A number of unsuccessful DCH modifications for synchronised radio link reconfiguration preparations on	Sum, nkcttbh, nkrttbh, tot

				SRNC. The general reason can be one of the following, Hardware overload, Signalling bearer overflow, Equipment failure, Unspecified cell (no configuration), Not enough resources (BS resource manager rejection), Resource unavailable, unspecified BS capability failure.	
rl_reconf_prep_synch_for_dch_mod_fail_on_srnc_due_to_bts_not_resp	nok_nkcel_nbaprlcfgflsc_tab.r5mf3qdahl26seccb00hw01qk4	INT8	#	A number of unsuccessful DCH modifications for synchronised radio link reconfiguration preparations on SRNC.	Sum, nkcttbh, nkrttbh, tot
rl_reconf_prep_synch_for_dch_mod_fail_on_srnc_due_to_hw_res_not_avail	nok_nkcel_nbaprlcfgflsc_tab.r5l1f2dahl26seccb00hw01qk4	INT8	#	A number of unsuccessful DCH modifications for synchronised radio link reconfiguration preparations on SRNC.	Sum, nkcttbh, nkrttbh, tot
rl_reconf_prep_synch_for_dch_mod_fail_on_srnc_due_to_not_enough_res	nok_nkcel_nbaprlcfgflsc_tab.r5lpk1hahl26seccb00hw01qk4	INT8	#	A number of unsuccessful DCH modifications for synchronised radio link reconfiguration preparations on SRNC.	Sum, nkcttbh, nkrttbh, tot
rl_reconf_prep_synch_for_dch_mod_fail_on_srnc_due_to_om_interv	nok_nkcel_nbaprlcfgflsc_tab.r5jnyt6ahl26seccb00hw01qk4	INT8	#	A number of unsuccessful DCH modifications for synchronised radio link reconfiguration preparations on	Sum, nkcttbh, nkrttbh, tot

				SRNC.	

6.6.52 Cell.Nokia.UMTS.nbap.radio_link_reconfig_prep

NBAP - Radio link reconfiguration preparation statistics

KPI Name	Expression	Data Type	Units	Description	Aggregation
rl_reconf_prep_synch_for_dch_add_fail_on_drnc_due_to_misc	nok_nkcel_nbaprlcfgflpp_tab.r6iy3bxahl26seccb00hw01qk4	INT8	#	The number of unsuccessful DCH additions for synchronised radio link reconfiguration preparations on DRNC due to miscellaneous cause.	Sum, nkcttbh, nkrttbh, tot
rl_reconf_prep_synch_for_dch_add_fail_on_drnc_due_to_prot	nok_nkcel_nbaprlcfgflpp_tab.r6idjyxahl26seccb00hw01qk4	INT8	#	The number of unsuccessful DCH additions for synchronised radio link reconfiguration preparations on DRNC due to protocol cause.	Sum, nkcttbh, nkrttbh, tot
rl_reconf_prep_synch_for_dch_add_fail_on_drnc_due_to_rnl	nok_nkcel_nbaprlcfgflpp_tab.r6h0hk2ahl26seccb00hw01qk4	INT8	#	The number of unsuccessful DCH additions for synchronised radio link reconfiguration preparations on DRNC due to radio network layer cause.	Sum, nkcttbh, nkrttbh, tot
rl_reconf_prep_synch_for_dch_add_fail_on_drnc_due_to_trl	nok_nkcel_nbaprlcfgflpp_tab.r6hocjtahl26seccb00hw01qk4	INT8	#	The number of unsuccessful DCH additions for synchronised radio	Sum, nkcttbh, nkrttbh, tot

				link reconfiguration preparations on DRNC due to transmission layer cause.	
rl_reconf_prep_synch_for_dch_add_fail_on_srnc_due_to_misc	nok_nkcel_nbaprlcfgflpp_tab.r6gdvehahl26seccb00hw01qk4	INT8	#	The number of unsuccessful DCH additions for synchronised radio link reconfiguration preparations on SRNC due to miscellaneous cause.	Sum, nkcttbh, nkrttbh, tot
rl_reconf_prep_synch_for_dch_add_fail_on_srnc_due_to_prot	nok_nkcel_nbaprlcfgflpp_tab.r6fooodahl26seccb00hw01qk4	INT8	#	The number of unsuccessful DCH additions for synchronised radio link reconfiguration preparations on SRNC due to protocol cause.	Sum, nkcttbh, nkrttbh, tot
rl_reconf_prep_synch_for_dch_add_fail_on_srnc_due_to_rnl	nok_nkcel_nbaprlcfgflpp_tab.r6ecsy6ahl26seccb00hw01qk4	INT8	#	The number of unsuccessful DCH additions for synchronised radio link reconfiguration preparations on SRNC due to radio network layer cause.	Sum, nkcttbh, nkrttbh, tot
rl_reconf_prep_synch_for_dch_add_fail_on_srnc_due_to_trl	nok_nkcel_nbaprlcfgflpp_tab.r6f02stahl26seccb00hw01qk4	INT8	#	The number of unsuccessful DCH additions for synchronised radio link reconfiguration preparations on SRNC due to transmission layer cause.	Sum, nkcttbh, nkrttbh, tot
rl_reconf_prep_synch_for_dch_add_on_drnc_ready	nok_nkcel_nbaprlcfgflpp_tab.r62fbx6ahl26seccb00hw01qk4	INT8	#	A number of successful DCH additions for	Sum, nkcttbh, nkrttbh,

				synchronised radio link reconfiguration preparations on DRNC.	tot
rl_reconf_prep_synch_for_dch_add_on_drnc	nok_nkcel_nbaprlcfgflpp_tab.r5vvtydahl26seccb00hw01qk4	INT8	#	A number of successful DCH additions for synchronised radio link reconfiguration preparations on DRNC.	Sum, nkcttbh, nkrttbh, tot
rl_reconf_prep_synch_for_dch_add_on_srnc_ready	nok_nkcel_nbaprlcfgflpp_tab.r5ynaqlahl26seccb00hw01qk4	INT8	#	A number of successful DCH additions for synchronised radio link reconfiguration preparations on SRNC.	Sum, nkcttbh, nkrttbh, tot
rl_reconf_prep_synch_for_dch_add_on_srnc	nok_nkcel_nbaprlcfgflpp_tab.r5skp3lahl26seccb00hw01qk4	INT8	#	A number of successful DCH additions for synchronised radio link reconfiguration preparations on SRNC.	Sum, nkcttbh, nkrttbh, tot
rl_reconf_prep_synch_for_dch_del_due_dynamic_link_optimization	nok_nkcel_nbaprlcfgflpp_tab.r6blqmhahl26seccb00hw01qk4	INT8	#	The number of started DCH deletions for synchronised radio link reconfiguration preparations due to dynamic link optimisation (only SRNC).	Sum, nkcttbh, nkrttbh, tot
rl_reconf_prep_synch_for_dch_del_due_enhanced_overload_control	nok_nkcel_nbaprlcfgflpp_tab.r6avnh2ahl26seccb00hw01qk4	INT8	#	The number of started DCH deletions for synchronised radio	Sum, nkcttbh, nkrttbh, tot

				link reconfiguration preparations due to enhanced overload control (only SRNC).	
rl_reconf_prep_synch_for_dch_del_due_throughput_based_optimisation	nok_nkcel_nbaprlcfgflpp_tab.x4iqmstafq2ahdvuj02uauibev	INTEGER	#	The number of started DCH deletions for synchronised radio link reconfiguration preparations due to Throughput Based Optimisation of the PS algorithm (only SRNC).	Sum, nkcttbh, nkrttbh, tot
rl_reconf_prep_synch_for_dch_del_due_to_priority_based_scheduling	nok_nkcel_nbaprlcfgflpp_tab.r66k2k2ahl26seccb00hw01qk4	INT8	#	The number of started DCH deletions with synchronised radio link reconfiguration preparation due to priority based scheduling (PBS) (only SRNC).	Sum, nkcttbh, nkrttbh, tot
rl_reconf_prep_synch_for_dch_del_fail_on_drnc_due_to_misc	nok_nkcel_nbaprlcfgflpp_tab.r6uh2ihahl26seccb00hw01qk4	INT8	#	The number of unsuccessful DCH deletions for synchronised radio link reconfiguration preparations on DRNC due to miscellaneous cause.	Sum, nkcttbh, nkrttbh, tot
rl_reconf_prep_synch_for_dch_del_fail_on_drnc_due_to_prot	nok_nkcel_nbaprlcfgflpp_tab.r6tm51tahl26seccb00hw01qk4	INT8	#	The number of unsuccessful DCH deletions for synchronised radio link reconfiguration preparations on DRNC due to protocol cause.	Sum, nkcttbh, nkrttbh, tot
rl_reconf_prep_synch_for_dch_del_fai	nok_nkcel_nbaprlcfgflpp_tab.r6s5h0dahl26seccb00hw	INT8	#	The number of unsuccessful DCH	Sum, nkcttbh,

l_on_drnc_due_to_rnl	01qk4			deletions for synchronised radio link reconfiguration preparations on DRNC due to radio network layer cause.	nkrttbh, tot
rl_reconf_prep_synch_for_dch_del_fail_on_drnc_due_to_trl	nok_nkcel_nbaprlcfgflpp_tab.r6sv1nlahl26seccb00hw01qk4	INT8	#	The number of unsuccessful DCH deletions for synchronised radio link reconfiguration preparations on DRNC due to transmission layer cause.	Sum, nkcttbh, nkrttbh, tot
rl_reconf_prep_synch_for_dch_del_fail_on_srnc_due_to_misc	nok_nkcel_nbaprlcfgflpp_tab.r6riw3xahl26seccb00hw01qk4	INT8	#	The number of unsuccessful DCH deletions for synchronised radio link reconfiguration preparations on SRNC due to miscellaneous cause.	Sum, nkcttbh, nkrttbh, tot
rl_reconf_prep_synch_for_dch_del_fail_on_srnc_due_to_prot	nok_nkcel_nbaprlcfgflpp_tab.r6qsa4pahl26seccb00hw01qk4	INT8	#	The number of unsuccessful DCH deletions for synchronised radio link reconfiguration preparations on SRNC due to protocol cause.	Sum, nkcttbh, nkrttbh, tot
rl_reconf_prep_synch_for_dch_del_fail_on_srnc_due_to_rnl	nok_nkcel_nbaprlcfgflpp_tab.r6pbnktahl26seccb00hw01qk4	INT8	#	The number of unsuccessful DCH deletions for synchronised radio link reconfiguration	Sum, nkcttbh, nkrttbh, tot

This edition applies to IBM® Tivoli® Netcool® Performance Manager for Wireless and to all subsequent releases and modifications until otherwise indicated in new editions.

				preparations on SRNC due to radio network layer cause.	
rl_reconf_prep_synch_for_dch_del_fail_on_srnc_due_to_trl	nok_nkcel_nbaprlcfgflpp_tab.r6q323dahl26seccb00hw01qk4	INT8	#	The number of unsuccessful DCH deletions for synchronised radio link reconfiguration preparations on SRNC due to transmission layer cause.	Sum, nkcttbh, nkrttbh, tot
rl_reconf_prep_synch_for_dch_del_on_drnc_ready	nok_nkcel_nbaprlcfgflpp_tab.r63r056ahl26seccb00hw01qk4	INT8	#	A number of successful DCH deletions for synchronised radio link reconfiguration preparations on DRNC.	Sum, nkcttbh, nkrttbh, tot
rl_reconf_prep_synch_for_dch_del_on_drnc	nok_nkcel_nbaprlcfgflpp_tab.r5xbhy6ahl26seccb00hw01qk4	INT8	#	A number of successful DCH deletions for synchronised radio link reconfiguration preparations on DRNC.	Sum, nkcttbh, nkrttbh, tot
rl_reconf_prep_synch_for_dch_del_on_srnc_ready	nok_nkcel_nbaprlcfgflpp_tab.r610efpahl26seccb00hw01qk4	INT8	#	A number of successful DCH deletions for synchronised radio link reconfiguration preparations on SRNC.	Sum, nkcttbh, nkrttbh, tot
rl_reconf_prep_synch_for_dch_del_on_srnc	nok_nkcel_nbaprlcfgflpp_tab.r5twn4pahl26seccb00hw01qk4	INT8	#	A number of successful DCH deletions for synchronised radio link reconfiguration preparations on SRNC.	Sum, nkcttbh, nkrttbh, tot
rl_reconf_prep_syn	nok_nkcel_nbaprlcfgflpp_t	INT8	#	The number of	Sum,

ch_for_dch_deletion_due_to_preemption	ab.r6aacs2ahl26seccb00hw01qk4			started DCH deletions with synchronised radio link reconfiguration preparation due to pre- emption (only SRNC).	nkcttbh, nkrttbh, tot
rl_reconf_prep_synch_for_dch_mod_due_enhanced_olc_downgrading	nok_nkcel_nbaprlcfgflpp_tab.r6dnpmxahl26seccb00hw01qk4	INT8	#	The number of started DCH modifications for synchronised radio link reconfiguration preparations due to enhanced overload control downgrading (only SRNC).	Sum, nkcttbh, nkrttbh, tot
rl_reconf_prep_synch_for_dch_mod_due_pbs_downgrading	nok_nkcel_nbaprlcfgflpp_tab.r6cbvkpahl26seccb00hw01qk4	INT8	#	The number of started DCH modifications for synchronised radio link reconfiguration preparations due to priority based scheduling (PBS) downgrading (only SRNC).	Sum, nkcttbh, nkrttbh, tot
rl_reconf_prep_synch_for_dch_mod_due_preemption_downgrading	nok_nkcel_nbaprlcfgflpp_tab.r6cxhwlahl26seccb00hw01qk4	INT8	#	The number of started DCH modifications for synchronised radio link reconfiguration preparations due to pre- emption downgrading (only SRNC).	Sum, nkcttbh, nkrttbh, tot
rl_reconf_prep_synch_for_dch_mod_d	nok_nkcel_nbaprlcfgflpp_tab.x4iqmsrafq2ahdvuj02ua	INTEGER	#	The number of started DCH	Sum, nkcttbh,

ue_throughput_based_optimisation	uibev			modifications for synchronised radio link reconfiguration preparations due to Throughput Based Optimisation of the PS algorithm (only SRNC).	nkrttbh, tot
rl_reconf_prep_synch_for_dch_mod_due_to_dyn_link_opt_on_srnc	nok_nkcel_nbaprlcfgflpp_tab.r5vb6rhahl26seccb00hw01qk4	INT8	#	A number of started DCH modifications for synchronised radio link reconfiguration preparations due to Dynamic Link Optimisation on SRNC.	Sum, nkcttbh, nkrttbh, tot
rl_reconf_prep_synch_for_dch_mod_fail_on_drnc_due_to_misc	nok_nkcel_nbaprlcfgflpp_tab.r6olcwpahl26seccb00hw01qk4	INT8	#	The number of unsuccessful DCH modifications for synchronised radio link reconfiguration preparations on DRNC due to miscellaneous cause.	Sum, nkcttbh, nkrttbh, tot
rl_reconf_prep_synch_for_dch_mod_fail_on_drnc_due_to_prot	nok_nkcel_nbaprlcfgflpp_tab.r6nu3slahl26seccb00hw01qk4	INT8	#	The number of unsuccessful DCH modifications for synchronised radio link reconfiguration preparations on DRNC due to protocol cause.	Sum, nkcttbh, nkrttbh, tot
rl_reconf_prep_synch_for_dch_mod_fail_on_drnc_due_to_rnl	nok_nkcel_nbaprlcfgflpp_tab.r6miiodahl26seccb00hw01qk4	INT8	#	The number of unsuccessful DCH modifications for synchronised radio link reconfiguration preparations on DRNC due to radio network layer cause.	Sum, nkcttbh, nkrttbh, tot

rl_reconf_prep_synch_for_dch_mod_fail_on_drnc_due_to_trl	nok_nkcel_nbaprlcfgflpp_tab.r6n54dxahl26seccb00hw01qk4	INT8	#	The number of unsuccessful DCH modifications for synchronised radio link reconfiguration preparations on DRNC due to transmission layer cause.	Sum, nkcttbh, nkrttbh, tot
rl_reconf_prep_synch_for_dch_mod_fail_on_srnc_due_to_cm	nok_nkcel_nbaprlcfgflpp_tab.r65svtpahl26seccb00hw01qk4	INT8	#	The number of failed DCH modifications for synchronised radio link reconfiguration preparations on SRNC due to Compressed Mode.	Sum, nkcttbh, nkrttbh, tot
rl_reconf_prep_synch_for_dch_mod_fail_on_srnc_due_to_misc	nok_nkcel_nbaprlcfgflpp_tab.r6lrpxlahl26seccb00hw01qk4	INT8	#	The number of unsuccessful DCH modifications for synchronised radio link reconfiguration preparations on SRNC due to miscellaneous cause.	Sum, nkcttbh, nkrttbh, tot
rl_reconf_prep_synch_for_dch_mod_fail_on_srnc_due_to_prot	nok_nkcel_nbaprlcfgflpp_tab.r6l26hdahl26seccb00hw01qk4	INT8	#	The number of unsuccessful DCH modifications for synchronised radio link reconfiguration preparations on SRNC due to protocol cause.	Sum, nkcttbh, nkrttbh, tot
rl_reconf_prep_synch_for_dch_mod_fail_on_srnc_due_to_rnl	nok_nkcel_nbaprlcfgflpp_tab.r6joixpahl26seccb00hw01qk4	INT8	#	The number of unsuccessful DCH modifications for synchronised radio	Sum, nkcttbh, nkrttbh, tot

This edition applies to IBM® Tivoli® Netcool® Performance Manager for Wireless and to all subsequent releases and modifications until otherwise indicated in new editions.

				link reconfiguration preparations on SRNC due to radio network layer cause.	
rl_reconf_prep_synch_for_dch_mod_fail_on_srnc_due_to_trl	nok_nkcel_nbaprlcfgflpp_tab.r6kf1w6ahl26seccb00hw01qk4	INT8	#	The number of unsuccessful DCH modifications for synchronised radio link reconfiguration preparations on SRNC due to transmission layer cause.	Sum, nkcttbh, nkrttbh, tot
rl_reconf_prep_synch_for_dch_mod_on_drnc_ready	nok_nkcel_nbaprlcfgflpp_tab.r6322axahl26seccb00hw01qk4	INT8	#	A number of successful DCH modifications for synchronised radio link reconfiguration preparations on DRNC.	Sum, nkcttbh, nkrttbh, tot
rl_reconf_prep_synch_for_dch_mod_on_drnc	nok_nkcel_nbaprlcfgflpp_tab.r5wlq0lahl26seccb00hw01qk4	INT8	#	A number of successful DCH modifications for synchronised radio link reconfiguration preparations on DRNC.	Sum, nkcttbh, nkrttbh, tot
rl_reconf_prep_synch_for_dch_mod_on_srnc_due_to_cm	nok_nkcel_nbaprlcfgflpp_tab.r653uaxahl26seccb00hw01qk4	INT8	#	The number of started DCH modifications for synchronised radio link reconfiguration preparations on SRNC due to Compressed Mode.	Sum, nkcttbh, nkrttbh, tot
rl_reconf_prep_synch_for_dch_mod_on_srnc_ready	nok_nkcel_nbaprlcfgflpp_tab.r60de02ahl26seccb00hw01qk4	INT8	#	A number of successful DCH modifications for synchronised radio link reconfiguration preparations on SRNC.	Sum, nkcttbh, nkrttbh, tot

rl_reconf_prep_synch_for_dch_mod_on_srnc	nok_nkcel_nbaprlcfgflpp_tab.r5taqm6ahl26seccb00hw01qk4	INT8	#	A number of successful DCH modifications for synchronised radio link reconfiguration preparations on SRNC	Sum, nkcttbh, nkrttbh, tot
rl_reconf_prep_synch_on_drnc_ready	nok_nkcel_nbaprlcfgflpp_tab.r64h3cdahl26seccb00hw01qk4	INT8	#	A number of successful synchronised radio link reconfiguration preparations on DRNC.	Sum, nkcttbh, nkrttbh, tot
rl_reconf_prep_synch_on_drnc	nok_nkcel_nbaprlcfgflpp_tab.r5xxff6ahl26seccb00hw01qk4	INT8	#	A number of started synchronised radio link reconfiguration preparations on DRNC.	Sum, nkcttbh, nkrttbh, tot
rl_reconf_prep_synch_on_srnc_ready	nok_nkcel_nbaprlcfgflpp_tab.r61pbltahl26seccb00hw01qk4	INT8	#	A number of successful synchronised radio link reconfiguration preparations on SRNC.	Sum, nkcttbh, nkrttbh, tot
rl_reconf_prep_synch_on_srnc	nok_nkcel_nbaprlcfgflpp_tab.r5umbi2ahl26seccb00hw01qk4	INT8	#	A number of started synchronised radio link reconfiguration preparations on SRNC.	Sum, nkcttbh, nkrttbh, tot

6.6.53 Cell.Nokia.UMTS.nbap.radio_link_restoration

NBAP - Radio link restoration statistics

KPI Name	Expression	Data Type	Units	Description	Aggregation
rl_restore_ind_sync	nok_nbap_rl_restore_tab.r6	INT8	#	The number of radio	Sum,

_reachieved	vgvtxahl26seccb00hw01qk4			link restoration indications that uplink synchronisation is reachieved after radio link failure but before RL deletion procedure is initiated by the RNC.	nkcttbh, nkrttbh, tot

6.6.54 Cell.Nokia.UMTS.nbap.radio_link_setup_failures_3gpp_nbap

NBAP - Radio link setup failures (3GPP NBAP protocol) statistics

KPI Name	Expression	Data Type	Units	Description	Aggregation
rl_setup_fail_for_first_rl_due_to_misc_cause	nok_nkcel_nbrlst3gpp_tab.r6y6cmlahl26seccb00hw01qk4	INT8	#	The number of radio link setup failures for the first radio link due to miscellaneous cause. The first link can be established either in RRC connection setup or state transition to CELL_DCH.	Sum, nkcttbh, nkrttbh, tot
rl_setup_fail_for_first_rl_due_to_prot_cause	nok_nkcel_nbrlst3gpp_tab.r6xjncxahl26seccb00hw01qk4	INT8	#	The number of radio link setup failures for the first radio link due to protocol cause. The first link can be established either in RRC connection setup or state transition to CELL_DCH.	Sum, nkcttbh, nkrttbh, tot
rl_setup_fail_for_first_rl_due_to_rn_layer_cause	nok_nkcel_nbrlst3gpp_tab.r6w46qxahl26seccb00hw01qk4	INT8	#	The number of radio link setup failures for the first radio link due to RN layer cause. The first link can be established	Sum, nkcttbh, nkrttbh, tot

				either in RRC connection setup or state transition to CELL_DCH.	
rl_setup_fail_for_first_rl_due_to_tr_layer_cause	nok_nkcel_nbrlst3gpp_tab.r6wth4xahl26seccb00hw01qk4	INT8	#	The number of radio link setup failures for the first radio link due to transmission layer cause. The first link can be established either in RRC connection setup or state transition to CELL_DCH.	Sum, nkcttbh, nkrttbh, tot
tot_rl_setup_fail_3gpp_nbap	({rl_setup_fail_for_first_rl_due_to_rn_layer_cause} + {rl_setup_fail_for_first_rl_due_to_tr_layer_cause} + {rl_setup_fail_for_first_rl_due_to_prot_cause} + {rl_setup_fail_for_first_rl_due_to_misc_cause})	INT8	#	Total number of radio link setup failures for the first radio link for all causes using 3GPP NBAP protocol.	Sum, nkcttbh, nkrttbh, tot

6.6.55 Cell.Nokia.UMTS.nbap.radio_link_setup_failures_first_rl

NBAP - Radio link setup failures statistics

KPI Name	Expression	Data Type	Units	Description	Aggregation
rl_setup_fail_for_first_rl_due_to_already_activ	nok_nkcel_nbapsffr_tab.ra1f23lahl26seccb00hw01qk4	INT8	#	A number of radio link setup failures for an RRC connection setup due to a context that is already activated.	Sum, nkcttbh, nkrttbh, tot
rl_setup_fail_for_first_rl_due_to_bts_g	nok_nkcel_nbapsffr_tab.ra4fl6xahl26seccb00hw01qk	INT8	#	A number of radio link setup failures	Sum, nkcttbh,

en_rea	4			for an RRC connection setup due to a general reason caused by a BTS. The general reason can be one of the following, Hardware overload, Signalling bearer overflow, Equipment failure Unspecified cell (no configuration), Not enough resources (BS resource manager rejection), Resource unavailable, unspecified BS capability failure.	nkrttbh, tot
rl_setup_fail_for_first_rl_due_to_bts_not_resp	nok_nkcel_nbapsffr_tab.ra3qfllahl26seccb00hw01qk4	INT8	#	A number of radio link setup failures for an RRC connection setup because a BTS is not responding.	Sum, nkcttbh, nkrttbh, tot
rl_setup_fail_for_first_rl_due_to_hw_res_not_avail	nok_nkcel_nbapsffr_tab.ra22gr6ahl26seccb00hw01qk4	INT8	#	A number of radio link setup failures for an RRC connection setup because of not available HW resources.	Sum, nkcttbh, nkrttbh, tot
rl_setup_fail_for_first_rl_due_to_not_enough_res	nok_nkcel_nbapsffr_tab.ra30kilahl26seccb00hw01qk4	INT8	#	A number of radio link setup failures for an RRC connection setup because there are not enough resources.	Sum, nkcttbh, nkrttbh, tot
rl_setup_fail_for_first_rl_due_to_om_interv	nok_nkcel_nbapsffr_tab.ra0ocptahl26seccb00hw01qk4	INT8	#	A number of radio link setup failures for an RRC	Sum, nkcttbh, nkrttbh,

				connection setup due to OM intervention.	tot
tot_rl_setup_fail_for_first_rl	({rl_setup_fail_for_first_rl_due_to_om_interv}+ {rl_setup_fail_for_first_rl_due_to_already_activ}+ {rl_setup_fail_for_first_rl_due_to_hw_res_not_avail} + {rl_setup_fail_for_first_rl_due_to_not_enough_res}+ {rl_setup_fail_for_first_rl_due_to_bts_not_resp}+ {rl_setup_fail_for_first_rl_due_to_bts_gen_rea})	INT8	#	Total number of radio link setup failures for an RRC connection for first RL.	Sum, nkcttbh, nkrttbh, tot

6.6.56 Cell.Nokia.UMTS.nbap.radio_link_setup_failures_ho.drnc

NBAP - Radio link setup failures for soft handover at DRNC statistics

KPI Name	Expression	Data Type	Units	Description	Aggregation
rl_setup_fail_for_hho_on_drnc_due_to_already_activ	nok_nkcel_nbapsfdr_tab.radtwbhahl26seccb00hw01qk4	INT8	#	A number of radio link setup failures for hard HO on DRNC side due to a context that is already activated.	Sum, nkcttbh, nkrttbh, tot
rl_setup_fail_for_hho_on_drnc_due_to_bts_gen_rea	nok_nkcel_nbapsfdr_tab.ragmlplahl26seccb00hw01qk4	INT8	#	A number of radio link setup failures for hard HO on DRNC side due to a general reason of a BTS. The general reason can be one of the following, Hardware overload, Signalling bearer	Sum, nkcttbh, nkrttbh, tot

				overflow, Equipment failure, Unspecified cell (no configuration), Not enough resources (BS resource manager rejection), Resource unavailable, unspecified BS capability failure.	
rl_setup_fail_for_hho_on_drnc_due_to_bts_not_resp	nok_nkcel_nbapsfdr_tab.rafx2dhahl26seccb00hw01qk4	INT8	#	A number of radio link setup failures for hard HO on DRNC side because the BTS is not responding.	Sum, nkcttbh, nkrttbh, tot
rl_setup_fail_for_hho_on_drnc_due_to_hw_res_not_avail	nok_nkcel_nbapsfdr_tab.rael4cxahl26seccb00hw01qk4	INT8	#	A number of radio link setup failures for hard HO on DRNC side due to not available HW resources.	Sum, nkcttbh, nkrttbh, tot
rl_setup_fail_for_hho_on_drnc_due_to_misc_cause	nok_nkcel_nbapsfdr_tab.ram1wbdahl26seccb00hw01qk4	INT8	#	The number of radio link setup failures for hard handover on DRNC due to miscellaneous cause.	Sum, nkcttbh, nkrttbh, tot
rl_setup_fail_for_hho_on_drnc_due_to_not_enough_res	nok_nkcel_nbapsfdr_tab.rafa5k2ahl26seccb00hw01qk4	INT8	#	A number of radio link setup failures for hard HO on DRNC side because there are not enough resources.	Sum, nkcttbh, nkrttbh, tot
rl_setup_fail_for_hho_on_drnc_due_to_om_interv	nok_nkcel_nbapsfdr_tab.rad3cvlahl26seccb00hw01qk4	INT8	#	A number of radio link setup failures for hard HO on DRNC side due to OM intervention.	Sum, nkcttbh, nkrttbh, tot
rl_setup_fail_for_h	nok_nkcel_nbapsfdr_tab.ral	INT8	#	The number of	Sum,

ho_on_drnc_due_to_prot_cause	fya2ahl26seccb00hw01qk4			radio link setup failures for hard handover on DRNC due to protocol cause.	nkcttbh, nkrttbh, tot
rl_setup_fail_for_hho_on_drnc_due_to_rn_layer_cause	nok_nkcel_nbapsfdr_tab.rak1s62ahl26seccb00hw01qk4	INT8	#	The number of radio link setup failures for hard handover on DRNC due to radio network layer cause.	Sum, nkcttbh, nkrttbh, tot
rl_setup_fail_for_hho_on_drnc_due_to_tr_layer_cause	nok_nkcel_nbapsfdr_tab.rakqsg2ahl26seccb00hw01qk4	INT8	#	The number of radio link setup failures for hard handover on DRNC due to transmission layer cause.	Sum, nkcttbh, nkrttbh, tot
rl_setup_fail_for_sho_on_drnc_due_to_already_activ	nok_nkcel_nbapsfdr_tab.ra6nj1pahl26seccb00hw01qk4	INT8	#	A number of radio link setup failures for soft HO on DRNC side due to a context that is already activated.	Sum, nkcttbh, nkrttbh, tot
rl_setup_fail_for_sho_on_drnc_due_to_bts_gen_rea	nok_nkcel_nbapsfdr_tab.racfk56ahl26seccb00hw01qk4	INT8	#	A number of radio link setup failures for soft HO on the DRNC side due to a general reason caused by a BTS. The general reason can be one of the following, Hardware overload, Signalling bearer overflow, Equipment failure, Unspecified cell (no	Sum, nkcttbh, nkrttbh, tot

				configuration), Not enough resources (BS resource manager rejection) Resource unavailable, unspecified BS capability failure.	
rl_setup_fail_for_sho_on_drnc_due_to_bts_not_resp	nok_nkcel_nbapsfdr_tab.rabouh2ahl26seccb00hw01qk4	INT8	#	A number of radio link setup failures for soft HO on DRNC side because the BTS is not responding.	Sum, nkcttbh, nkrttbh, tot
rl_setup_fail_for_sho_on_drnc_due_to_hw_res_not_avail	nok_nkcel_nbapsfdr_tab.raadjt6ahl26seccb00hw01qk4	INT8	#	A number of radio link setup failures for soft HO on DRNC side due to not available HW resources.	Sum, nkcttbh, nkrttbh, tot
rl_setup_fail_for_sho_on_drnc_due_to_misc_cause	nok_nkcel_nbapsfdr_tab.rajesjlahl26seccb00hw01qk4	INT8	#	The number of radio link setup failures for soft handover on DRNC side due to miscellaneous cause.	Sum, nkcttbh, nkrttbh, tot
rl_setup_fail_for_sho_on_drnc_due_to_not_enough_res	nok_nkcel_nbapsfdr_tab.raaylgtahl26seccb00hw01qk4	INT8	#	A number of radio link setup failures for soft HO on DRNC side because there are not enough resources.	Sum, nkcttbh, nkrttbh, tot
rl_setup_fail_for_sho_on_drnc_due_to_om_interv	nok_nkcel_nbapsfdr_tab.ra5tbr6ahl26seccb00hw01qk4	INT8	#	A number of radio link setup failures for soft HO on DRNC side due to OM intervention.	Sum, nkcttbh, nkrttbh, tot
rl_setup_fail_for_sho_on_drnc_due_to_prot_cause	nok_nkcel_nbapsfdr_tab.raiooulahl26seccb00hw01qk4	INT8	#	The number of radio link setup failures for soft handover on DRNC	Sum, nkcttbh, nkrttbh, tot

				side due to protocol cause.	
rl_setup_fail_for_sho_on_drnc_due_to_rn_layer_cause	nok_nkcel_nbapsfdr_tab.rahdfl6ahl26seccb00hw01qk4	INT8	#	The number of radio link setup failures for soft handover on DRNC due to radio network layer cause.	Sum, nkcttbh, nkrttbh, tot
rl_setup_fail_for_sho_on_drnc_due_to_tr_layer_cause	nok_nkcel_nbapsfdr_tab.rahyuihahl26seccb00hw01qk4	INT8	#	The number of radio link setup failures for soft handover on DRNC side due to transmission layer cause.	Sum, nkcttbh, nkrttbh, tot
tot_rl_setup_fail_for_hho_on_drnc	({rl_setup_fail_for_hho_on_drnc_due_to_om_interv}+ {rl_setup_fail_for_hho_on_drnc_due_to_already_activ}+ {rl_setup_fail_for_hho_on_drnc_due_to_hw_res_not_avail}+ {rl_setup_fail_for_hho_on_drnc_due_to_not_enough_res}+ {rl_setup_fail_for_hho_on_drnc_due_to_bts_not_resp}+ {rl_setup_fail_for_hho_on_drnc_due_to_bts_gen_rea}+ {rl_setup_fail_for_hho_on_drnc_due_to_rn_layer_cause}+ {rl_setup_fail_for_hho_on_drnc_due_to_tr_layer_cause}+	INT8	#	Total number of radio link setup failures for an RRC connection for HHO on DRNC	Sum, nkcttbh, nkrttbh, tot

	{rl_setup_fail_for_hho_on_drnc_due_to_prot_cause}+ {rl_setup_fail_for_hho_on_drnc_due_to_misc_cause})				
tot_rl_setup_fail_for_sho_on_drnc	({rl_setup_fail_for_sho_on_drnc_due_to_om_interv}+ {rl_setup_fail_for_sho_on_drnc_due_to_already_activ}+ {rl_setup_fail_for_sho_on_drnc_due_to_hw_res_not_avail}+ {rl_setup_fail_for_sho_on_drnc_due_to_not_enough_res}+ {rl_setup_fail_for_sho_on_drnc_due_to_bts_not_resp}+ {rl_setup_fail_for_sho_on_drnc_due_to_bts_gen_rea}+ {rl_setup_fail_for_sho_on_drnc_due_to_rn_layer_cause}+ {rl_setup_fail_for_sho_on_drnc_due_to_tr_layer_cause}+ {rl_setup_fail_for_sho_on_drnc_due_to_prot_cause}+ {rl_setup_fail_for_sho_on_drnc_due_to_misc_cause})	INT8	#	Total number of radio link setup failures for an RRC connection for SHO on DRNC	Sum, nkcttbh, nkrttbh, tot

6.6.57 Cell.Nokia.UMTS.nbap.radio_link_setup_failures_ho.srnc

NBAP - Radio link setup failures for soft handover at SRNC statistics

KPI Name	Expression	Data Type	Units	Description	Aggregation
rl_setup_fail_for_hho_on_srnc_due_to_already_activ	nok_nkcel_nbapsfsr_tab.ratcaetahl26seccb00hw01qk4	INT8	#	A number of radio link setup failures for hard HO on SRNC side due to a context that is already activated.	Sum, nkcttbh, nkrttbh, tot

rl_setup_fail_for_hho_on_srnc_due_to_bts_gen_rea	nok_nkcel_nbapsfsr_tab.raw2x62ahl26seccb00hw01qk4	INT8	#	A number of radio link setup failures for hard HO on SRNC side due to a general reason caused by a BTS. The general reason can be one of the following, Hardware overload, Signalling bearer overflow, Equipment failure, Unspecified cell (no configuration), Not enough resources (BS resource manager rejection) , Resource unavailable, unspecified BS capability failure	Sum, nkcttbh, nkrttbh, tot
rl_setup_fail_for_hho_on_srnc_due_to_bts_not_resp	nok_nkcel_nbapsfsr_tab.ravg0l6ahl26seccb00hw01qk4	INT8	#	A number of radio link setup failures for hard HO on SRNC side because a BTS is not responding.	Sum, nkcttbh, nkrttbh, tot
rl_setup_fail_for_hho_on_srnc_due_to_hw_res_not_avail	nok_nkcel_nbapsfsr_tab.rau0cldahl26seccb00hw01qk4	INT8	#	A number of radio link setup failures for hard HO on the SRNC side due to not available HW resources.	Sum, nkcttbh, nkrttbh, tot
rl_setup_fail_for_hho_on_srnc_due_to_misc_cause	nok_nkcel_nbapsfsr_tab.rb2p2thahl26seccb00hw01qk4	INT8	#	The number of radio link setup failures for hard handover on SRNC due to	Sum, nkcttbh, nkrttbh, tot

				miscellaneous cause.	
rl_setup_fail_for_hho_on_srnc_due_to_not_enough_res	nok_nkcel_nbapsfsr_tab.raup2jtahl26seccb00hw01qk4	INT8	#	A number of radio link setup failures for hard HO on the SRNC side because there are not enough resources.	Sum, nkcttbh, nkrttbh, tot
rl_setup_fail_for_hho_on_srnc_due_to_om_interv	nok_nkcel_nbapsfsr_tab.rasl5h2ahl26seccb00hw01qk4	INT8	#	A number of radio link setup failures for hard HO on SRNC side due to OM intervention.	Sum, nkcttbh, nkrttbh, tot
rl_setup_fail_for_hho_on_srnc_due_to_prot_cause	nok_nkcel_nbapsfsr_tab.rb20236ahl26seccb00hw01qk4	INT8	#	The number of radio link setup failures for hard handover on SRNC due to protocol cause.	Sum, nkcttbh, nkrttbh, tot
rl_setup_fail_for_hho_on_srnc_due_to_rn_layer_cause	nok_nkcel_nbapsfsr_tab.rb0necxahl26seccb00hw01qk4	INT8	#	The number of radio link setup failures for hard handover on SRNC due to radio network layer cause.	Sum, nkcttbh, nkrttbh, tot
rl_setup_fail_for_hho_on_srnc_due_to_tr_layer_cause	nok_nkcel_nbapsfsr_tab.rb1ddupahl26seccb00hw01qk4	INT8	#	The number of radio link setup failures for hard handover on SRNC due to transmission layer cause.	Sum, nkcttbh, nkrttbh, tot
rl_setup_fail_for_sho_on_srnc_due_to_already_activ	nok_nkcel_nbapsfsr_tab.raowlaxahl26seccb00hw01qk4	INT8	#	A number of radio link setup failures for soft HO on the SRNC side due to a context that is already activated.	Sum, nkcttbh, nkrttbh, tot
rl_setup_fail_for_sho_on_srnc_due_to_bts_gen_rea	nok_nkcel_nbapsfsr_tab.rarudkdahl26seccb00hw01qk4	INT8	#	A number of radio link setup failures for soft HO on	Sum, nkcttbh, nkrttbh,

				SRNC side due to a general reason of a BTS. The general reason can be one of the following, Hardware overload, Signalling bearer overflow, Equipment failure, Unspecified cell (no configuration), Not enough resources (BS resource manager rejection), Resource unavailable, unspecified BS capability failure.	tot
rl_setup_fail_for_sho_on_srnc_due_to_bts_not_resp	nok_nkcel_nbapsfsr_tab.rar5656ahl26seccb00hw01qk4	INT8	#	A number of radio link setup failures for soft HO on SRNC side because a BTS is not responding.	Sum, nkcttbh, nkrttbh, tot
rl_setup_fail_for_sho_on_srnc_due_to_hw_res_not_avail	nok_nkcel_nbapsfsr_tab.raplldahl26seccb00hw01qk4	INT8	#	A number of radio link setup failures for soft HO on SRNC side due to not available HW resources.	Sum, nkcttbh, nkrttbh, tot
rl_setup_fail_for_sho_on_srnc_due_to_misc_cause	nok_nkcel_nbapsfsr_tab.raywc0xahl26seccb00hw01qk4	INT8	#	The number of radio link setup failures for soft handover on SRNC due to miscellaneous cause.	Sum, nkcttbh, nkrttbh, tot
rl_setup_fail_for_s	nok_nkcel_nbapsfsr_tab.ra	INT8	#	A number of radio	Sum,

ho_on_srnc_due_to_not_enough_res	qcgjdahl26seccb00hw01qk4			link setup failures for soft HO on SRNC side because there are not enough resources.	nkcttbh, nkrttbh, tot
rl_setup_fail_for_sho_on_srnc_due_to_om_interv	nok_nkcel_nbapsfsr_tab.raobawlahl26seccb00hw01qk4	INT8	#	A number of radio link setup failures for soft HO on the SRNC side due to OM intervention.	Sum, nkcttbh, nkrttbh, tot
rl_setup_fail_for_sho_on_srnc_due_to_prot_cause	nok_nkcel_nbapsfsr_tab.raya3u6ahl26seccb00hw01qk4	INT8	#	The number of radio link setup failures for soft handover on SRNC due to protocol cause.	Sum, nkcttbh, nkrttbh, tot
rl_setup_fail_for_sho_on_srnc_due_to_rn_layer_cause	nok_nkcel_nbapsfsr_tab.rawth4lahl26seccb00hw01qk4	INT8	#	The number of radio link setup failures for soft handover on SRNC due to radio network layer cause.	Sum, nkcttbh, nkrttbh, tot
rl_setup_fail_for_sho_on_srnc_due_to_tr_layer_cause	nok_nkcel_nbapsfsr_tab.raxk33dahl26seccb00hw01qk4	INT8	#	The number of radio link setup failures for soft handover on SRNC due to transmission layer cause.	Sum, nkcttbh, nkrttbh, tot
tot_rl_setup_fail_for_hho_on_srnc	({rl_setup_fail_for_hho_on_srnc_due_to_om_interv}+ {rl_setup_fail_for_hho_on_srnc_due_to_already_activ}+ {rl_setup_fail_for_hho_on_srnc_due_to_hw_res_not_avail}+ {rl_setup_fail_for_hho_on_srnc_due_to_not_enough_res}+ {rl_setup_fail_for_hho_on_srnc_due_to_bts_not_resp}+	INT8	#	Total number of radio link setup failures for an RRC connection for HHO on SRNC	Sum, nkcttbh, nkrttbh, tot

	{rl_setup_fail_for_hho_on_srnc_due_to_bts_gen_rea} + {rl_setup_fail_for_hho_on_srnc_due_to_rn_layer_cause}+ {rl_setup_fail_for_hho_on_srnc_due_to_tr_layer_cause}+ {rl_setup_fail_for_hho_on_srnc_due_to_prot_cause}+ {rl_setup_fail_for_hho_on_srnc_due_to_misc_cause})				
tot_rl_setup_fail_for_sho_on_srnc	({rl_setup_fail_for_sho_on_srnc_due_to_om_interv}+ {rl_setup_fail_for_sho_on_srnc_due_to_already_activ}+ {rl_setup_fail_for_sho_on_srnc_due_to_hw_res_not_avail}+ {rl_setup_fail_for_sho_on_srnc_due_to_not_enough_res}+ {rl_setup_fail_for_sho_on_srnc_due_to_bts_not_resp} + {rl_setup_fail_for_sho_on_srnc_due_to_bts_gen_rea} + {rl_setup_fail_for_sho_on_srnc_due_to_rn_layer_cause}+ {rl_setup_fail_for_sho_on_srnc_due_to_tr_layer_cause}+ {rl_setup_fail_for_sho_on_srnc_due_to_prot_cause}+ {rl_setup_fail_for_sho_on_srnc_due_to_misc_cause})	INT8	#	Total number of radio link setup failures for an RRC connection for SHO on SRNC	Sum, nkcttbh, nkrttbh, tot

This edition applies to IBM® Tivoli® Netcool® Performance Manager for Wireless and to all subsequent releases and modifications until otherwise indicated in new editions.

6.6.58 Cell.Nokia.UMTS.nbap.radio_link_setup_successes

NBAP - Radio link setup attempts and success statistics

KPI Name	Expression	Data Type	Units	Description	Aggregation
_%_rl_setup_succ_for_first_rl	100 * {rl_setup_succ_for_first_rl}/ {rl_setup_att_for_first_rl}	FLOAT	%	Percentage for radio link setup successes for an RRC connection setup.	Average, avg, nkcttbh, nkrttbh
_%_rl_setup_succ_for_hho_on_drnc	100 * {rl_setup_succ_for_hho_on_drnc}/ {rl_setup_att_for_hho_on_drnc}	FLOAT	%	Percentage for radio link setup successes for an RRC connection setup .	Average, avg, nkcttbh, nkrttbh
_%_rl_setup_succ_for_hho_on_srnc	100 * {rl_setup_succ_for_hho_on_srnc}/ {rl_setup_att_for_hho_on_srnc}	FLOAT	%	Percentage for radio link setup successes for an RRC connection setup .	Average, avg, nkcttbh, nkrttbh
_%_rl_setup_succ_for_sho_on_drnc	100 * {rl_setup_succ_for_sho_on_drnc}/ {rl_setup_att_for_sho_on_drnc}	FLOAT	%	Percentage for radio link setup successes for an RRC connection setup.	Average, avg, nkcttbh, nkrttbh
_%_rl_setup_succ_for_sho_on_srnc	100 * {rl_setup_succ_for_sho_on_srnc}/ {rl_setup_att_for_sho_on_srnc}	FLOAT	%	Percentage for radio link setup successes for an RRC connection setup .	Average, avg, nkcttbh, nkrttbh
rl_setup_att_for_first_rl	nok_nkcel_nbapsfsucc_tab.rb4walpahl26seccb00hw01qk4	INT8	#	A number of radio link setup attempts for an RRC connection setup.	Sum, nkcttbh, nkrttbh, tot
rl_setup_att_for_hho_on_drnc	nok_nkcel_nbapsfsucc_tab.rbaqko6ahl26seccb00hw01qk4	INT8	#	A number of radio link setup attempts for hard HO on DRNC side.	Sum, nkcttbh, nkrttbh, tot
rl_setup_att_for_hho_on_srnc	nok_nkcel_nbapsfsucc_tab.rb6crdlahl26seccb00hw01q	INT8	#	A number of radio link setup attempts	Sum, nkcttbh,

	k4			for hard HO on SRNC side.	nkrttbh, tot
rl_setup_att_for_sho_on_drnc	nok_nkcel_nbapsfsucc_tab.rba0xftahl26seccb00hw01qk4	INT8	#	A number of radio link setup attempts for soft HO on DRNC side.	Sum, nkcttbh, nkrttbh, tot
rl_setup_att_for_sho_on_srnc	nok_nkcel_nbapsfsucc_tab.rb5mdktahl26seccb00hw01qk4	INT8	#	A number of radio link setup attempts for soft HO on SRNC side.	Sum, nkcttbh, nkrttbh, tot
rl_setup_succ_for_first_rl	nok_nkcel_nbapsfsucc_tab.rbbhbghahl26seccb00hw01qk4	INT8	#	A number of radio link setup successes for an RRC connection setup.	Sum, nkcttbh, nkrttbh, tot
rl_setup_succ_for_hho_on_drnc	nok_nkcel_nbapsfsucc_tab.rbeeeihahl26seccb00hw01qk4	INT8	#	A number of radio link setup successes for an RRC connection setup .	Sum, nkcttbh, nkrttbh, tot
rl_setup_succ_for_hho_on_srnc	nok_nkcel_nbapsfsucc_tab.rbcwcftahl26seccb00hw01qk4	INT8	#	A number of radio link setup successes for an RRC connection setup .	Sum, nkcttbh, nkrttbh, tot
rl_setup_succ_for_sho_on_drnc	nok_nkcel_nbapsfsucc_tab.rbdmw6pahl26seccb00hw01qk4	INT8	#	A number of radio link setup successes for an RRC connection setup.	Sum, nkcttbh, nkrttbh, tot
rl_setup_succ_for_sho_on_srnc	nok_nkcel_nbapsfsucc_tab.rbc5kqhahl26seccb00hw01qk4	INT8	#	A number of radio link setup successes for an RRC connection setup .	Sum, nkcttbh, nkrttbh, tot

6.6.59 Cell.Nokia.UMTS.nbap.reset_procedures

NBAP - Reset procedures statistics

KPI Name	Expression	Data	Units	Description	Aggregati

		Type			on
reset_request_received_with_ie_communication_context	nok_nkcel_nbap_rst_proc_tab.rbkgidtahl26seccb00hw01qk4	INT8	#	The number of reset request messages received from the BTS with the information element "communication context", meaning that the termination point for one UE is reset. NOTE: This counter is updated for the WBTS object. (WBTS/WCEL-300000000 in the XML measurement file created by NEMU)	Sum, nkcttbh, nkrttbh, tot
reset_request_received_with_ie_communication_control_port	nok_nkcel_nbap_rst_proc_tab.rbl155tahl26seccb00hw01qk4	INT8	#	The number of reset request messages received from the BTS with the information element "communication control port", meaning that the termination points for one cell are reset. NOTE: This counter is updated for the WBTS object. (WBTS/WCEL-300000000 in the XML measurement file created by NEMU)	Sum, nkcttbh, nkrttbh, tot
reset_request_received_with_ie_node_b	nok_nkcel_nbap_rst_proc_tab.rblofjtahl26seccb00hw01qk4	INT8	#	The number of reset request messages received from the BTS with the information element "Node B", meaning that all termination points of the BTS	Sum, nkcttbh, nkrttbh, tot

				are reset. NOTE: This counter is updated for the WBTS object. (WBTS/WCEL-300 000000 in the XML measurement file created by NEMU)	
reset_request_sent_ with_ie_communica tion_context	nok_nkcel_nbap_rst_proc_ tab.rbijvtdahl26seccb00hw 01qk4	INT8	#	The number of reset request messages sent to the BTS with the information element "communication context", meaning that the termination point for one UE is reset. NOTE: This counter is updated for the WBTS object. (WBTS/WCEL-300000000 in the XML measurement file created by NEMU)	Sum, nkcttbh, nkrttbh, tot
reset_request_sent_ with_ie_communica tion_control_port	nok_nkcel_nbap_rst_proc_ tab.rbj4fclahl26seccb00hw 01qk4	INT8	#	The number of reset request messages sent to the BTS with the information element "communication control port", meaning that termination points for one cell are reset. NOTE: This counter is updated for the WBTS object.	Sum, nkcttbh, nkrttbh, tot

This edition applies to IBM® Tivoli® Netcool® Performance Manager for Wireless and to all subsequent releases and modifications until otherwise indicated in new editions.

				(WBTS/WCEL-300000000 in the XML measurement file created by NEMU)	
reset_request_sent_with_ie_node_b	nok_nkcel_nbap_rst_proc_tab.rbjsip2ahl26seccb00hw01qk4	INT8	#	The number of reset request messages sent to the BTS with the information element "Node B", meaning that all termination points of the BTS are reset. NOTE: This counter is updated for the WBTS object. (WBTS/WCEL-300000000 in the XML measurement file created by NEMU)	Sum, nkcttbh, nkrttbh, tot

6.6.60 Cell.Nokia.UMTS.nrt_dch_allocation

NRT DCH allocation statistics

KPI Name	Expression	Data Type	Units	Description	Aggregation
succ_init_allo_128_dl	nok_nkcel_ndchalloc_tab.xdrxb0tdmm2aicsd002uaxybdk	INTEGER	#	The number of successful NRT DCH initial allocations to 128 kbps downlink bitrate.	Sum, nkcttbh, nkrttbh, tot
succ_init_allo_128_ul	nok_nkcel_ndchalloc_tab.xdrxb0rdmm2aicsd002uaxybdk	INTEGER	#	The number of successful NRT DCH initial allocations to 128 kbps uplink bitrate. Includes also HSDPA uplink return channel.	Sum, nkcttbh, nkrttbh, tot
succ_init_allo_256	nok_nkcel_ndchalloc_tab.x	INTEG	#	The number of	Sum,

_dl	drxb0xdmm2aicsd002uaxybdk	ER		successful NRT DCH initial allocations to 256 kbps downlink bitrate.	nkcttbh, nkrttbh, tot
succ_init_allo_256_ul	nok_nkcel_ndchalloc_tab.xdrxb0vdmm2aicsd002uaxybdk	INTEGER	#	The number of successful NRT DCH initial allocations to 256 kbps uplink bitrate.	Sum, nkcttbh, nkrttbh, tot
succ_init_allo_384_dl	nok_nkcel_ndchalloc_tab.xdrxb12dmm2aicsd002uaxybdk	INTEGER	#	The number of successful NRT DCH initial allocations to 384 kbps downlink bitrate.	Sum, nkcttbh, nkrttbh, tot
succ_init_allo_384_ul	nok_nkcel_ndchalloc_tab.xdrxb10dmm2aicsd002uaxybdk	INTEGER	#	The number of successful NRT DCH initial allocations to 384 kbps uplink bitrate. Includes also HSDPA uplink return channel.	Sum, nkcttbh, nkrttbh, tot
succ_init_allo_64_dl	nok_nkcel_ndchalloc_tab.xdrxb0pdmm2aicsd002uaxybdk	INTEGER	#	The number of successful NRT DCH initial allocations to 64 kbps or lower downlink bitrate.	Sum, nkcttbh, nkrttbh, tot
succ_init_allo_64_ul	nok_nkcel_ndchalloc_tab.xdrxb0ndmm2aicsd002uaxybdk	INTEGER	#	The number of successful NRT DCH initial allocations to 64 kbps or lower uplink bitrate. Includes also HSDPA uplink	Sum, nkcttbh, nkrttbh, tot

				return channel.	
succ_init_allo_req_128_dl	nok_nkcel_ndchalloc_tab.xdrxb1ddmm2aicsd002uaxybdk	INTEGER	#	The number of successful NRT DCH initial allocations to the requested downlink bitrate of 128 kbps.	Sum, nkcttbh, nkrttbh, tot
succ_init_allo_req_128_ul	nok_nkcel_ndchalloc_tab.xdrxb1bdmm2aicsd002uaxybdk	INTEGER	#	The number of successful NRT DCH initial allocations to the requested uplink bitrate of 128 kbps. Includes also HSDPA uplink return channel.	Sum, nkcttbh, nkrttbh, tot
succ_init_allo_req_256_dl	nok_nkcel_ndchalloc_tab.xdrxb1hdmm2aicsd002uaxybdk	INTEGER	#	The number of successful NRT DCH initial allocations to the requested downlink bitrate of 256 kbps.	Sum, nkcttbh, nkrttbh, tot
succ_init_allo_req_256_ul	nok_nkcel_ndchalloc_tab.xdrxb1fdmm2aicsd002uaxybdk	INTEGER	#	The number of successful NRT DCH initial allocations to the requested uplink bitrate of 256 kbps.	Sum, nkcttbh, nkrttbh, tot
succ_init_allo_req_384_dl	nok_nkcel_ndchalloc_tab.xdrxb1ldmm2aicsd002uaxybdk	INTEGER	#	The number of successful NRT DCH initial allocations to the requested downlink bitrate of 384 kbps.	Sum, nkcttbh, nkrttbh, tot
succ_init_allo_req_384_ul	nok_nkcel_ndchalloc_tab.xdrxb1jdmm2aicsd002uaxybdk	INTEGER	#	The number of successful NRT DCH initial allocations to the requested uplink bitrate of 384 kbps. Includes also HSDPA uplink	Sum, nkcttbh, nkrttbh, tot

				return channel.	
succ_init_allo_req_64_dl	nok_nkcel_ndchalloc_tab.xdrxb16dmm2aicsd002uaxybdk	INTEGER	#	The number of successful NRT DCH initial allocations to the requested downlink bitrate that is equal to or smaller than 64 kbps.	Sum, nkcttbh, nkrttbh, tot
succ_init_allo_req_64_ul	nok_nkcel_ndchalloc_tab.xdrxb14dmm2aicsd002uaxybdk	INTEGER	#	The number of successful NRT DCH initial allocations to the requested uplink bitrate that is equal to or smaller than 64 kbps. Includes also HSDPA uplink return channel.	Sum, nkcttbh, nkrttbh, tot

6.6.61 Cell.Nokia.UMTS.nrt_dch_request

NRT DCH request statistics

KPI Name	Expression	Data Type	Units	Description	Aggregation
dch_upgr_req_128_dl	nok_nkcel_ndchreq_tab.xdrxb0ddmm2aicsd002uaxybdk	INTEGER	#	The number of NRT DCH upgrade requests to 128 kbps or lower downlink bitrate.	Sum, nkcttbh, nkrttbh, tot
dch_upgr_req_128_ul	nok_nkcel_ndchreq_tab.xdrxb0bdmm2aicsd002uaxybdk	INTEGER	#	The number of NRT DCH upgrade requests to 128 kbps or lower uplink bitrate. Includes also HSDPA uplink	Sum, nkcttbh, nkrttbh, tot

				return channel.	
dch_upgr_req_256_dl	nok_nkcel_ndchreq_tab.xdrxb0hdmm2aicsd002uaxybdk	INTEGER	#	The number of NRT DCH upgrade requests to 256 kbps or lower downlink bitrate.	Sum, nkcttbh, nkrttbh, tot
dch_upgr_req_256_ul	nok_nkcel_ndchreq_tab.xdrxb0fdmm2aicsd002uaxybdk	INTEGER	#	The number of NRT DCH upgrade requests to 256 kbps or lower uplink bitrate.	Sum, nkcttbh, nkrttbh, tot
dch_upgr_req_384_dl	nok_nkcel_ndchreq_tab.xdrxb0ldmm2aicsd002uaxybdk	INTEGER	#	The number of NRT DCH upgrade requests to 384 kbps or lower downlink bitrate.	Sum, nkcttbh, nkrttbh, tot
dch_upgr_req_384_ul	nok_nkcel_ndchreq_tab.xdrxb0jdmm2aicsd002uaxybdk	INTEGER	#	The number of NRT DCH upgrade requests to 384 kbps or lower uplink bitrate. Includes also HSDPA uplink return channel.	Sum, nkcttbh, nkrttbh, tot
dch_upgr_req_64_dl	nok_nkcel_ndchreq_tab.xdrxb06dmm2aicsd002uaxybdk	INTEGER	#	The number of NRT DCH upgrade requests to 64 kbps or lower downlink bitrate.	Sum, nkcttbh, nkrttbh, tot
dch_upgr_req_64_ul	nok_nkcel_ndchreq_tab.xdrxb04dmm2aicsd002uaxybdk	INTEGER	#	The number of NRT DCH upgrade requests to 64 kbps or lower uplink bitrate. Includes also HSDPA uplink return channel.	Sum, nkcttbh, nkrttbh, tot
init_dch_req_128_dl	nok_nkcel_ndchreq_tab.xdrxaytdmm2aicsd002uaxybdk	INTEGER	#	The number of NRT DCH initial requests to 128 kbps downlink bitrate.	Sum, nkcttbh, nkrttbh, tot

init_dch_req_128_ul	nok_nkcel_ndchreq_tab.xdrxayrdmm2aicsd002uaxybdk	INTEGER	#	The number of NRT DCH initial requests to 128 kbps uplink bitrate. Includes also HSDPA uplink return channel.	Sum, nkcttbh, nkrttbh, tot
init_dch_req_256_dl	nok_nkcel_ndchreq_tab.xdrxayxdmm2aicsd002uaxybdk	INTEGER	#	The number of NRT DCH initial requests to 256 kbps downlink bitrate.	Sum, nkcttbh, nkrttbh, tot
init_dch_req_256_ul	nok_nkcel_ndchreq_tab.xdrxayvdmm2aicsd002uaxybdk	INTEGER	#	The number of NRT DCH initial requests to 256 kbps uplink bitrate.	Sum, nkcttbh, nkrttbh, tot
init_dch_req_384_dl	nok_nkcel_ndchreq_tab.xdrxb02dmm2aicsd002uaxybdk	INTEGER	#	The number of NRT DCH initial requests to 384 kbps downlink bitrate.	Sum, nkcttbh, nkrttbh, tot
init_dch_req_384_ul	nok_nkcel_ndchreq_tab.xdrxb00dmm2aicsd002uaxybdk	INTEGER	#	The number of NRT DCH initial requests to 384 kbps uplink bitrate. Includes also HSDPA uplink return channel.	Sum, nkcttbh, nkrttbh, tot
init_dch_req_64_dl	nok_nkcel_ndchreq_tab.xdrxaypdmm2aicsd002uaxybdk	INTEGER	#	The number of NRT DCH initial requests to 64 kbps or lower downlink bitrate.	Sum, nkcttbh, nkrttbh, tot
init_dch_req_64_ul	nok_nkcel_ndchreq_tab.xdrxayndmm2aicsd002uaxybdk	INTEGER	#	The number of NRT DCH initial requests to 64 kbps or lower uplink	Sum, nkcttbh, nkrttbh, tot

This edition applies to IBM® Tivoli® Netcool® Performance Manager for Wireless and to all subsequent releases and modifications until otherwise indicated in new editions.

				bitrate. Includes also HSDPA uplink return channel.	

6.6.62 Cell.Nokia.UMTS.nrt_dch_upgrade

NRT DCH upgrade statistics

KPI Name	Expression	Data Type	Units	Description	Aggregation
succ_upg_nrt_dch_128_dl	nok_nkcel_ndchupg_tab.xdrxb1tdmm2aicsd002uaxybdk	INTEGER	#	The number of successful NRT DCH upgrades to 128 kbps downlink bitrate.	Sum, nkcttbh, nkrttbh, tot
succ_upg_nrt_dch_128_ul	nok_nkcel_ndchupg_tab.xdrxb1rdmm2aicsd002uaxybdk	INTEGER	#	The number of successful NRT DCH upgrades to 128 kbps uplink bitrate. Includes also HSDPA uplink return channel.	Sum, nkcttbh, nkrttbh, tot
succ_upg_nrt_dch_256_dl	nok_nkcel_ndchupg_tab.xjvhdmldmm2aicsd002uaxybdk	INTEGER	#	The number of successful NRT DCH upgrades to 256 kbps downlink bitrate.	Sum, nkcttbh, nkrttbh, tot
succ_upg_nrt_dch_256_ul	nok_nkcel_ndchupg_tab.xjvhdmjdmm2aicsd002uaxybdk	INTEGER	#	The number of successful NRT DCH upgrades to 256 kbps uplink bitrate.	Sum, nkcttbh, nkrttbh, tot
succ_upg_nrt_dch_384_dl	nok_nkcel_ndchupg_tab.xjvhdmpdmm2aicsd002uaxybdk	INTEGER	#	The number of successful NRT DCH upgrades to 384 kbps downlink bitrate.	Sum, nkcttbh, nkrttbh, tot
succ_upg_nrt_dch_384_ul	nok_nkcel_ndchupg_tab.xjvhdmndmm2aicsd002uaxybdk	INTEGER	#	The number of successful NRT DCH upgrades to 384 kbps uplink bitrate. Includes	Sum, nkcttbh, nkrttbh, tot

				also HSDPA uplink return channel.	
succ_upg_nrt_dch_64_dl	nok_nkcel_ndchupg_tab.xdrxb1pdmm2aicsd002uaxybdk	INTEGER	#	The number of successful NRT DCH upgrades to 64 kbps or lower downlink bitrate.	Sum, nkcttbh, nkrttbh, tot
succ_upg_nrt_dch_64_ul	nok_nkcel_ndchupg_tab.xdrxb1ndmm2aicsd002uaxybdk	INTEGER	#	The number of successful NRT DCH upgrades to 64 kbps or lower uplink bitrate. Includes also HSDPA uplink return channel.	Sum, nkcttbh, nkrttbh, tot
succ_upg_nrt_dch_req_128_dl	nok_nkcel_ndchupg_tab.xjvhdmxdmm2aicsd002uaxybdk	INTEGER	#	The number of successful NRT DCH upgrades to the requested downlink bitrate of 128 kbps.	Sum, nkcttbh, nkrttbh, tot
succ_upg_nrt_dch_req_128_ul	nok_nkcel_ndchupg_tab.xjvhdmvdmm2aicsd002uaxybdk	INTEGER	#	The number of successful NRT DCH upgrades to the requested uplink bitrate of 128 kbps. Includes also HSDPA uplink return channel.	Sum, nkcttbh, nkrttbh, tot
succ_upg_nrt_dch_req_256_dl	nok_nkcel_ndchupg_tab.xjvhdn2dmm2aicsd002uaxybdk	INTEGER	#	The number of successful NRT DCH upgrades to the requested downlink bitrate of 256 kbps.	Sum, nkcttbh, nkrttbh, tot
succ_upg_nrt_dch_req_256_ul	nok_nkcel_ndchupg_tab.xjvhdn0dmm2aicsd002uaxyb	INTEGER	#	The number of successful NRT	Sum, nkcttbh,

	dk			DCH upgrades to the requested uplink bitrate of 256 kbps.	nkrttbh, tot
succ_upg_nrt_dch_req_384_dl	nok_nkcel_ndchupg_tab.xjvhdn6dmm2aicsd002uaxybdk	INTEGER	#	The number of successful NRT DCH upgrades to the requested downlink bitrate of 384 kbps.	Sum, nkcttbh, nkrttbh, tot
succ_upg_nrt_dch_req_384_ul	nok_nkcel_ndchupg_tab.xjvhdn4dmm2aicsd002uaxybdk	INTEGER	#	The number of successful NRT DCH upgrades to the requested uplink bitrate of 384 kbps. Includes also HSDPA uplink return channel.	Sum, nkcttbh, nkrttbh, tot
succ_upg_nrt_dch_req_64_dl	nok_nkcel_ndchupg_tab.xjvhdmtdmm2aicsd002uaxybdk	INTEGER	#	The number of successful NRT DCH upgrades to the requested downlink bitrate that is equal to or smaller than 64 kbps.	Sum, nkcttbh, nkrttbh, tot
succ_upg_nrt_dch_req_64_ul	nok_nkcel_ndchupg_tab.xjvhdmrdmm2aicsd002uaxybdk	INTEGER	#	The number of successful NRT DCH upgrades to the requested uplink bitrate that is equal to or smaller than 64 kbps. Includes also HSDPA uplink return channel.	Sum, nkcttbh, nkrttbh, tot

6.6.63 Cell.Nokia.UMTS.olpc_measurement

RCPM OLPC measurement block statistics.

The performance data measurements for this KPI group are recorded against the combination of Cell and Radio_Connection_Type (radio_connection_type_id)

KPI Name	Expression	Data Type	Units	Description	Aggregation

average_radio_link_power_in_dl	nok_nkcel_olpc_tab.ugpuguj1im2ahsxr0035xkcuai	FLOAT	#	The average downlink transmission power of the radio links matching the RAB parameters of measurement object.	Average, avg, max, min, nkcttbh, nkrttbh, tot
average_ul_eb_no	nok_nkcel_olpc_tab.ugpuhel1im2ahsxr0035xkcuai	FLOAT	#	The average uplink Eb/No, calculated as a weighted average from Eb/No-values reported by OLPC.	Average, avg, max, min, nkcttbh, nkrttbh, tot
Avg_radio_link_power_in_dl	{average_radio_link_power_in_dl}/ {dl_radio_link_power_samples}	FLOAT	#	The average downlink transmission power of the radio links matching the RAB parameters of measurement object.	Average, avg, max, min, nkcttbh, nkrttbh, tot
bad_uplink_connections	nok_nkcel_olpc_tab.ugpuhfd1im2ahsxr0035xkcuai	INTEGER	#	The number of bad uplink connections.	Sum, nkcttbh, nkrttbh, tot
dl_radio_link_power_samples	nok_nkcel_olpc_tab.ugpugun1im2ahsxr0035xkcuai	INTEGER	#	The number of samples for dedicated radio link power measurement counter M1016C15.	Sum, nkcttbh, nkrttbh, tot
ideal_uplink_connections	nok_nkcel_olpc_tab.ugpuhff1im2ahsxr0035xkcuai	INTEGER	#	The number of ideal uplink connections.	Sum, nkcttbh, nkrttbh, tot
rl_reports_with_maximum_power_value	nok_nkcel_olpc_tab.ugpugur1im2ahsxr0035xkcuai	INTEGER	#	The number of dedicated radio link reports received where transmission	Sum, nkcttbh, nkrttbh, tot

				power is at maximum value defined by parameters PtxDLAbsMax and CPICHtoRefRAB offset.	
sum_of_squared_bler_values	nok_nkcel_olpc_tab.ugpuhex1im2ahsxr0035xkcuai	FLOAT	#	Sum of squared BLER-values, calculated from UL BLER-values reported by OLPC.	Sum, nkcttbh, nkrttbh, tot
sum_of_squared_radio_link_power_values_in_dl	nok_nkcel_olpc_tab.ugpugul1im2ahsxr0035xkcuai	FLOAT	#	Sum of squared radio link power values in DL.	Sum, nkcttbh, nkrttbh, tot
sum_of_squared_ul_ber_values	nok_nkcel_olpc_tab.ugpuhf61im2ahsxr0035xkcuai	FLOAT	#	Sum of squared UL BER-values calculated by OLPC-controller.	Sum, nkcttbh, nkrttbh, tot
too_good_uplink_connections	nok_nkcel_olpc_tab.ugpuhfh1im2ahsxr0035xkcuai	INTEGER	#	The number of too good uplink connections.	Sum, nkcttbh, nkrttbh, tot
ul_average_ber_denominator	nok_nkcel_olpc_tab.ugpuhf41im2ahsxr0035xkcuai	INTEGER	#	The number of BER samples in Average BER counter.	Sum, nkcttbh, nkrttbh, tot
ul_average_ber	nok_nkcel_olpc_tab.ugpuhf21im2ahsxr0035xkcuai	FLOAT	#	The average uplink BER, calculated as weighted average from UL BER values reported by OLPC-controller that gets the BER estimate from the WBTS in Frame Protocol data frame.	Average, avg, max, min, nkcttbh, nkrttbh, tot
ul_average_eb_no_denominator	nok_nkcel_olpc_tab.ugpuhen1im2ahsxr0035xkcuai	INTEGER	#	The number of Eb/No samples in Average UL Eb/No-	Sum, nkcttbh, nkrttbh,

				counter.	tot
ul_edch_harq_retransmissions	nok_nkcel_olpc_tab.ugpugut1im2ahsxr0035xkcuai	INTEGER	#	The number of HARQ retransmissions reported by BTS in E-DCH FP frames.	Sum, nkcttbh, nkrttbh, tot
ul_number_of_received_bler_reports	nok_nkcel_olpc_tab.ugpuhf01im2ahsxr0035xkcuai	INTEGER	#	The number of received UL BLER reports from OLPC.	Sum, nkcttbh, nkrttbh, tot
ul_number_of_received_eb_no_reports	nok_nkcel_olpc_tab.ugpuher1im2ahsxr0035xkcuai	INTEGER	#	The UL Eb/No reports that L3 entity has received from OLPC Controller.	Sum, nkcttbh, nkrttbh, tot
ul_number_of_received_ul_ber_reports	nok_nkcel_olpc_tab.ugpuhfb1im2ahsxr0035xkcuai	INTEGER	#	The number of received UL BER reports from OLPC. Updated only when BER is used as a quality estimate for UL OLPC.	Sum, nkcttbh, nkrttbh, tot
ul_sum_of_squared_eb_no_values	nok_nkcel_olpc_tab.ugpuhep1im2ahsxr0035xkcuai	FLOAT	#	Sum of Squared linear Eb/No values, calculated from UL Eb/ No-values reported by OLPC.	Sum, nkcttbh, nkrttbh, tot
uplink_crc_nok_blocks	nok_nkcel_olpc_tab.ugpuhev1im2ahsxr0035xkcuai	INTEGER	#	The number of received transport blocks with CRC NOK in uplink.	Sum, nkcttbh, nkrttbh, tot
uplink_crc_ok_blocks	nok_nkcel_olpc_tab.ugpuhet1im2ahsxr0035xkcuai	INTEGER	#	The number of received transport blocks with CRC OK in uplink.	Sum, nkcttbh, nkrttbh, tot

6.6.64 Cell.Nokia.UMTS.packet_call.allocation

Packet connection channel allocation statistics.

KPI Name	Expression	Data Type	Units	Description	Aggregation
dch_dch_allo_after_dch_dch_req_for_background	nok_nkcel_pktclsalloc_tab.ugpuhan1im2ahsxr0035xkcuai	INTEGER	#	The number of DCH/DCH allocations after DCH/DCH request for background traffic class.	Sum, nkcttbh, nkrttbh, tot
dch_dch_allo_after_dch_dch_req_for_interactive	nok_nkcel_pktclsalloc_tab.ugpuhal1im2ahsxr0035xkcuai	INTEGER	#	The number of DCH/DCH allocations after DCH/DCH request for interactive traffic class.	Sum, nkcttbh, nkrttbh, tot
dch_dch_allo_after_hsdsch_dch_hho_req	nok_nkcel_pktclsalloc_tab.ugpuhdr1im2ahsxr0035xkcuai	INTEGER	#	The number of allocations for DCH/DCH after HS-DSCH/DCH request during incoming Inter-RNC HHO. Also the basic Packet Call Allocation counters are updated along with this counter.	Sum, nkcttbh, nkrttbh, tot
dch_dch_allo_after_hsdsch_dch_req_for_background	nok_nkcel_pktclsalloc_tab.ugpuhaj1im2ahsxr0035xkcuai	INTEGER	#	The number of DCH/DCH allocations after HS-DSCH/DCH request for background traffic class.	Sum, nkcttbh, nkrttbh, tot
dch_dch_allo_after_hsdsch_dch_req_for_interactive	nok_nkcel_pktclsalloc_tab.ugpuhah1im2ahsxr0035xkcuai	INTEGER	#	The number of DCH/DCH allocations after HS-DSCH/DCH request for interactive traffic class.	Sum, nkcttbh, nkrttbh, tot

dch_dch_allo_after_hsdsch_edch_hho_req	nok_nkcel_pktclsalloc_tab.ugpuhdp1im2ahsxr0035xkcuai	INTEGER	#	The number of allocations for DCH/DCH after HS-DSCH/EDCH request during incoming Inter-RNC HHO. Also the basic Packet Call Allocation counters are updated along with this counter.	Sum, nkcttbh, nkrttbh, tot
dch_dch_allo_after_hsdsch_edch_req_for_background	nok_nkcel_pktclsalloc_tab.ugpuhaf1im2ahsxr0035xkcuai	INTEGER	#	The number of DCH/DCH allocations after HS-DSCH/EDCH request for background traffic class.	Sum, nkcttbh, nkrttbh, tot
dch_dch_allo_after_hsdsch_edch_req_for_interactive	nok_nkcel_pktclsalloc_tab.ugpuhad1im2ahsxr0035xkcuai	INTEGER	#	The number of DCH/DCH allocations after HS-DSCH/EDCH request for interactive traffic class.	Sum, nkcttbh, nkrttbh, tot
dl_packet_session_req	nok_nkcel_pktclsalloc_tab.ugpuh5l1im2ahsxr0035xkcuai	INTEGER	#	The number of packet call resource allocation attempts caused by downlink capacity request.	Sum, nkcttbh, nkrttbh, tot
hs_d_req_d_d_allo_bgr_cell	nok_nkcel_pktclsalloc_tab.xjvhdsvdmm2aicsd002uaxybdk	INTEGER	#	The number of DCH/DCH allocations after an HS-DCSH/DCH request for the background traffic class due to the cell	Sum, nkcttbh, nkrttbh, tot

				not supporting HSDPA.	
hs_d_req_d_d_allo_int_cell	nok_nkcel_pktclsalloc_tab.xjvhdstdmm2aicsd002uaxybdk	INTEGER	#	The number of DCH/DCH allocations after an HS-DCSH/DCH request for the interactive traffic class due to the cell not supporting HSDPA.	Sum, nkcttbh, nkrttbh, tot
hs_d_req_d_d_allo_str_cell	nok_nkcel_pktclsalloc_tab.xjvhdsxdmm2aicsd002uaxybdk	INTEGER	#	The number of DCH/DCH allocations after an HS-DCSH/DCH request for the streaming traffic class due to the cell not supporting HSDPA.	Sum, nkcttbh, nkrttbh, tot
hs_e_req_d_d_allo_bgr_cell	nok_nkcel_pktclsalloc_tab.xjvhdspdmm2aicsd002uaxybdk	INTEGER	#	The number of DCH/DCH allocations after an HS-DCSH/E-DCH request for the background traffic class due to the cell not supporting HSUPA and HSDPA.	Sum, nkcttbh, nkrttbh, tot
hs_e_req_d_d_allo_int_cell	nok_nkcel_pktclsalloc_tab.xjvhdsndmm2aicsd002uaxybdk	INTEGER	#	The number of DCH/DCH allocations after an HS-DCSH/E-DCH request for the interactive traffic class due to the cell not supporting HSUPA and HSDPA.	Sum, nkcttbh, nkrttbh, tot
hs_e_req_d_d_allo_str_cell	nok_nkcel_pktclsalloc_tab.xjvhdsrdmm2aicsd002uaxybdk	INTEGER	#	The number of DCH/DCH allocations after an	Sum, nkcttbh, nkrttbh,

				HS-DCSH/E-DCH request for the streaming traffic class due to the cell not supporting HSUPA and HSDPA.	tot
hs_e_req_hs_d_allo_bgr_cell	nok_nkcel_pktclsalloc_tab.xjvhdsjdmm2aicsd002uaxybdk	INTEGER	#	The number of HS-DSCH/DCH allocations after an HS-DCSH/E-DCH request for the background traffic class due to the cell not supporting HSUPA.	Sum, nkcttbh, nkrttbh, tot
hs_e_req_hs_d_allo_int_cell	nok_nkcel_pktclsalloc_tab.xjvhdshdmm2aicsd002uaxybdk	INTEGER	#	The number of HS-DSCH/DCH allocations after an HS-DCSH/E-DCH request for the interactive traffic class due to the cell not supporting HSUPA.	Sum, nkcttbh, nkrttbh, tot
hs_e_req_hs_d_allo_str_cell	nok_nkcel_pktclsalloc_tab.xjvhdsldmm2aicsd002uaxybdk	INTEGER	#	The number of HS-DSCH/DCH allocations after an HS-DCSH/E-DCH request for the streaming traffic class due to the cell not supporting HSUPA.	Sum, nkcttbh, nkrttbh, tot
hsdsch_dch_allo_after_hsdsch_dch_hho_req	nok_nkcel_pktclsalloc_tab.ugpuhdn1im2ahsxr0035xkcuai	INTEGER	#	The number of allocations for HS-DSCH/DCH after HS-DSCH/DCH	Sum, nkcttbh, nkrttbh, tot

This edition applies to IBM® Tivoli® Netcool® Performance Manager for Wireless and to all subsequent releases and modifications until otherwise indicated in new editions.

				request during incoming Inter-RNC HHO. Also the basic Packet Call Allocation counters are updated along with this counter.	
hsdsch_dch_allo_after_hsdsch_dch_req_for_background	nok_nkcel_pktclsalloc_tab.ugpuhab1im2ahsxr0035xkcuai	INTEGER	#	The number of HS-DSCH/DCH allocations after HS-DSCH/DCH request for background traffic class.	Sum, nkcttbh, nkrttbh, tot
hsdsch_dch_allo_after_hsdsch_dch_req_for_interactive	nok_nkcel_pktclsalloc_tab.ugpuha61im2ahsxr0035xkcuai	INTEGER	#	The number of HS-DSCH/DCH allocations after HS-DSCH/DCH request for interactive traffic class.	Sum, nkcttbh, nkrttbh, tot
hsdsch_dch_allo_after_hsdsch_edch_hho_req	nok_nkcel_pktclsalloc_tab.ugpuhdl1im2ahsxr0035xkcuai	INTEGER	#	The number of allocations for HS-DSCH/DCH after HS-DSCH/E-DCH request during incoming Inter-RNC HHO. Also the basic Packet Call Allocation counters are updated along with this counter.	Sum, nkcttbh, nkrttbh, tot
hsdsch_dch_allo_after_hsdsch_edch_req_for_background	nok_nkcel_pktclsalloc_tab.ugpuha41im2ahsxr0035xkcuai	INTEGER	#	The number of HS-DSCH/DCH allocations after HS-DCSH/EDCH request for background traffic class.	Sum, nkcttbh, nkrttbh, tot
hsdsch_dch_allo_after_hsdsch_edch_re	nok_nkcel_pktclsalloc_tab.ugpuha21im2ahsxr0035xkc	INTEGER	#	The number of HS-DSCH/DCH	Sum, nkcttbh,

q_for_interactive	uai			allocations after HS-DCSH/EDCH request for interactive traffic class.	nkrttbh, tot
hsdsch_edch_allo_after_hsdsch_edch_hho_req	nok_nkcel_pktclsalloc_tab.ugpuhdj1im2ahsxr0035xkcuai	INTEGER	#	The number of allocations for HS-DSCH/E-DCH after HSDSCH/E-DCH request during incoming Inter-RNC HHO. Also the basic Packet Call Allocation counters are updated along with this counter.	Sum, nkcttbh, nkrttbh, tot
hsdsch_edch_allo_after_hsdsch_edch_req_for_background	nok_nkcel_pktclsalloc_tab.ugpuha01im2ahsxr0035xkcuai	INTEGER	#	The number of allocations for HS-DSCH/E-DCH after HSDSCH/E-DCH request for background traffic class.	Sum, nkcttbh, nkrttbh, tot
other_packet_session_req	nok_nkcel_pktclsalloc_tab.ugpuh5n1im2ahsxr0035xkcuai	INTEGER	#	The number of packet call resource allocation attempts not caused by uplink or downlink capacity request.	Sum, nkcttbh, nkrttbh, tot
ul_packet_session_req	nok_nkcel_pktclsalloc_tab.ugpuh5j1im2ahsxr0035xkcuai	INTEGER	#	The number of packet call resource allocation attempts caused by uplink capacity request.	Sum, nkcttbh, nkrttbh, tot

6.6.65 Cell.Nokia.UMTS.packet_call.call_release

Packet connection connection release statistics.

KPI Name	Expression	Data Type	Units	Description	Aggregation
_%_hsdpa_setup_success_ratio_user_perspective	100 * ({Nokia.packet_call.call_release.hs_e_req_hs_e_allo_stre}+ {Nokia.packet_call.call_release.hs_e_req_hs_d_allo_stre}+ {Nokia.packet_call.call_release.hs_d_req_hs_d_allo_stre})/ ({Nokia.packet_call.setup.ps_att_hsdsch_edch_stre}+ {Nokia.packet_call.setup.ps_att_hsdsch_dch_stre})	FLOAT	%	HSDPA Setup Success Ratio from user perspective for RT [%]	Average, nkcttbh, nkrttbh, tot
_%_hsdpa_success_ratio_user_perspective	nok_nkcel_pktclsrel_tab.ywyi0rddpv2aicsdj02uaxybdk	FLOAT	%	HSDPA Success Ratio from user perspective for RT [%]	Average, nkcttbh, nkrttbh, tot, min, max
_%_hsupa_setup_success_ratio_user_perspective	100 * {Nokia.packet_call.call_release.hs_e_req_hs_e_allo_stre}/ {Nokia.packet_call.setup.ps_att_hsdsch_edch_stre}	FLOAT	%	HSUPA Setup Success Ratio from user perspective for RT [%]	Average, nkcttbh, nkrttbh, tot
_%_hsupa_success_ratio_user_perspective	100 - 100*(({ps_rel_rl_fail_hs_e_stre}+ {ps_rel_oth_fail_hs_e_stre})/ ({ps_rel_rl_fail_hs_e_stre}+ {ps_rel_oth_fail_hs_e_stre}+ {ps_rel_norm_hs_e_stre}))	FLOAT	%	HSUPA Success Ratio from user perspective for RT [%]	Average, nkcttbh, nkrttbh, tot, min, max
_%_packet_session_success_ratio_rt	nok_nkcel_pktclsrel_tab.ywyi0rbdpv2aicsdj02uaxybdk	FLOAT	%	Packet Session Success Ratio (SSR) for RT [%]	Average, nkcttbh, nkrttbh,

					tot, min, max
_%_r99_setup_success_ratio_user_perspective	100 * {Nokia.packet_call.call_release.d_d_req_d_d_allo_stre}/ {Nokia.packet_call.setup.ps_att_dch_dch_stre}	FLOAT	%	R99 Setup Success Ratio from user perspective for RT [%]	Average, nkcttbh, nkrttbh, tot
_%_r99_success_ratio_user_perspective	100 - 100*(({ps_rel_rl_fail_d_d_stre}+ {ps_rel_oth_fail_d_d_stre})/ ({ps_rel_rl_fail_d_d_stre}+ {ps_rel_oth_fail_d_d_stre} +{ps_rel_norm_d_d_stre}))	FLOAT	%	R99 Success Ratio from user perspective for RT [%]	Average, nkcttbh, nkrttbh, tot, min, max
d_d_req_d_d_allo_stre	nok_nkcel_pktclsrel_tab.xjvhdrbdmm2aicsd002uaxybdk	INTEGER	#	The number of DCH/DCH allocations after a DCH/DCH request for the streaming traffic class.	Sum, nkcttbh, nkrttbh, tot
dch_dch_packet_call_norm_rel_for_background	nok_nkcel_pktclsrel_tab.ugpuhbr1im2ahsxr0035xkcuai	INTEGER	#	The number of HS-DSCH/E-DCH packet call releases caused by pre-emption or RT over NRT for interactive traffic class.	Sum, nkcttbh, nkrttbh, tot
dch_dch_packet_call_norm_rel_for_interactive	nok_nkcel_pktclsrel_tab.ugpuhbp1im2ahsxr0035xkcuai	INTEGER	#	The number of DCH/DCH packet call normal releases for background traffic class.	Sum, nkcttbh, nkrttbh, tot
dch_dch_packet_call_rel_due_to_other_fail_for_backgrou	nok_nkcel_pktclsrel_tab.ugpuhcv1im2ahsxr0035xkcuai	INTEGER	#	The number of DCH/DCH packet call releases caused	Sum, nkcttbh, nkrttbh,

nd				by other failure reasons for background traffic class.	tot
dch_dch_packet_call_rel_due_to_other_fail_for_interactive	nok_nkcel_pktclsrel_tab.ugpuhct1im2ahsxr0035xkcuai	INTEGER	#	The number of DCH/DCH packet call releases caused by for interactive traffic class.	Sum, nkcttbh, nkrttbh, tot
dch_dch_packet_call_rel_due_to_preemp_for_background	nok_nkcel_pktclsrel_tab.ugpuhc41im2ahsxr0035xkcuai	INTEGER	#	The number of DCH/DCH packet call releases caused by preemption or RT over NRT for background traffic class.	Sum, nkcttbh, nkrttbh, tot
dch_dch_packet_call_rel_due_to_preemp_for_interactive	nok_nkcel_pktclsrel_tab.ugpuhc21im2ahsxr0035xkcuai	INTEGER	#	The number of DCH/DCH packet call releases caused by preemption or RT over NRT for interactive traffic class.	Sum, nkcttbh, nkrttbh, tot
dch_dch_packet_call_rel_due_to_rl_fail_for_background	nok_nkcel_pktclsrel_tab.ugpuhcj1im2ahsxr0035xkcuai	INTEGER	#	The number of DCH/DCH packet call releases caused by radio link failure for background traffic class.	Sum, nkcttbh, nkrttbh, tot
dch_dch_packet_call_rel_due_to_rl_fail_for_interactive	nok_nkcel_pktclsrel_tab.ugpuhch1im2ahsxr0035xkcuai	INTEGER	#	The number of DCH/DCH packet call releases caused by radio link failure for interactive traffic class.	Sum, nkcttbh, nkrttbh, tot
hs_d_req_d_d_allo_stre	nok_nkcel_pktclsrel_tab.xjvhdr6dmm2aicsd002uaxybdk	INTEGER	#	The number of DCH/DCH allocations after an HS-DSCH/DCH request for the streaming traffic class.	Sum, nkcttbh, nkrttbh, tot

hs_d_req_hs_d_allo_stre	nok_nkcel_pktclsrel_tab.xjvhdr2dmm2aicsd002uaxybdk	INTEGER	#	The number of HS-DSCH/DCH allocations after an HS-DSCH/DCH request for the streaming traffic class.	Sum, nkcttbh, nkrttbh, tot
hs_e_req_d_d_allo_stre	nok_nkcel_pktclsrel_tab.xjvhdr4dmm2aicsd002uaxybdk	INTEGER	#	The number of DCH/DCH allocations after an HS-DSCH/E-DCH request for the streaming traffic class.	Sum, nkcttbh, nkrttbh, tot
hs_e_req_hs_d_allo_stre	nok_nkcel_pktclsrel_tab.xjvhdr0dmm2aicsd002uaxybdk	INTEGER	#	The number of HS-DSCH/DCH allocations after an HS-DCSH/E-DCH request for the streaming traffic class.	Sum, nkcttbh, nkrttbh, tot
hs_e_req_hs_e_allo_stre	nok_nkcel_pktclsrel_tab.xjvhdqxdmm2aicsd002uaxybdk	INTEGER	#	The number of allocations for the HS-DSCH/E-DCH after an HS-DSCH/E-DCH request for the streaming traffic class.	Sum, nkcttbh, nkrttbh, tot
hsdsch_dch_packet_call_norm_rel_for_background	nok_nkcel_pktclsrel_tab.ugpuhbn1im2ahsxr0035xkcuai	INTEGER	#	The number of DCH/DCH packet call normal releases for interactive traffic class.	Sum, nkcttbh, nkrttbh, tot
hsdsch_dch_packet_call_norm_rel_for_interactive	nok_nkcel_pktclsrel_tab.ugpuhbl1im2ahsxr0035xkcuai	INTEGER	#	The number of HS-DSCH/DCH packet call normal releases for background traffic class.	Sum, nkcttbh, nkrttbh, tot

This edition applies to IBM® Tivoli® Netcool® Performance Manager for Wireless and to all subsequent releases and modifications until otherwise indicated in new editions.

hsdsch_dch_packet_call_rel_due_to_other_fail_for_background	nok_nkcel_pktclsrel_tab.ugpuhcr1im2ahsxr0035xkcuai	INTEGER	#	The number of HS-DSCH/DCH packet call releases caused by other failure reasons for background traffic class.	Sum, nkcttbh, nkrttbh, tot
hsdsch_dch_packet_call_rel_due_to_other_fail_for_interactive	nok_nkcel_pktclsrel_tab.ugpuhcp1im2ahsxr0035xkcuai	INTEGER	#	The number of HS-DSCH/DCH packet call releases caused by other failure reasons for interactive traffic class.	Sum, nkcttbh, nkrttbh, tot
hsdsch_dch_packet_call_rel_due_to_preemp_for_background	nok_nkcel_pktclsrel_tab.ugpuhc01im2ahsxr0035xkcuai	INTEGER	#	The number of HS-DSCH/DCH packet call releases caused by pre-emption or RT over NRT for background traffic class.	Sum, nkcttbh, nkrttbh, tot
hsdsch_dch_packet_call_rel_due_to_preemp_for_interactive	nok_nkcel_pktclsrel_tab.ugpuhbx1im2ahsxr0035xkcuai	INTEGER	#	The number of HS-DSCH/DCH packet call releases caused by pre-emption or RT over NRT for interactive traffic class.	Sum, nkcttbh, nkrttbh, tot
hsdsch_dch_packet_call_rel_due_to_rl_fail_for_background	nok_nkcel_pktclsrel_tab.ugpuhcf1im2ahsxr0035xkcuai	INTEGER	#	The number of HS-DSCH/DCH packet call releases caused by radio link failure for background traffic class.	Sum, nkcttbh, nkrttbh, tot
hsdsch_dch_packet_call_rel_due_to_rl_fail_for_interactive	nok_nkcel_pktclsrel_tab.ugpuhcd1im2ahsxr0035xkcuai	INTEGER	#	The number of HS-DSCH/DCH packet call releases caused by radio link failure for interactive traffic class.	Sum, nkcttbh, nkrttbh, tot
hsdsch_edch_packet_call_norm_rel_for	nok_nkcel_pktclsrel_tab.ugpuhbj1im2ahsxr0035xkcuai	INTEGER	#	The number of HS-DSCH/DCH packet	Sum, nkcttbh,

_background				call normal releases for interactive traffic class.	nkrttbh, tot
hsdsch_edch_packet_call_norm_rel_for_interactive	nok_nkcel_pktclsrel_tab.ugpuhbh1im2ahsxr0035xkcuai	INTEGER	#	The number of HS-DSCH/E-DCH packet call normal releases for background traffic class.	Sum, nkcttbh, nkrttbh, tot
hsdsch_edch_packet_call_rel_due_to_other_fail_for_background	nok_nkcel_pktclsrel_tab.ugpuhcn1im2ahsxr0035xkcuai	INTEGER	#	The number of HS-DSCH/E-DCH packet call releases caused by other failure reasons for background traffic class.	Sum, nkcttbh, nkrttbh, tot
hsdsch_edch_packet_call_rel_due_to_other_fail_for_interactive	nok_nkcel_pktclsrel_tab.ugpuhcl1im2ahsxr0035xkcuai	INTEGER	#	The number of HS-DSCH/E-DCH packet call releases caused by other failure reasons for interactive traffic class.	Sum, nkcttbh, nkrttbh, tot
hsdsch_edch_packet_call_rel_due_to_preemp_for_background	nok_nkcel_pktclsrel_tab.ugpuhbv1im2ahsxr0035xkcuai	INTEGER	#	The number of HS-DSCH/E-DCH packet call releases caused by pre-emption or RT over NRT for background traffic class.	Sum, nkcttbh, nkrttbh, tot
hsdsch_edch_packet_call_rel_due_to_preemp_for_interactive	nok_nkcel_pktclsrel_tab.ugpuhbt1im2ahsxr0035xkcuai	INTEGER	#	The number of HS-DSCH/E-DCH packet call releases caused by pre-emption or RT over NRT for interactive traffic class.	Sum, nkcttbh, nkrttbh, tot

This edition applies to IBM® Tivoli® Netcool® Performance Manager for Wireless and to all subsequent releases and modifications until otherwise indicated in new editions.

hsdsch_edch_packet_call_rel_due_to_rl_fail_for_background	nok_nkcel_pktclsrel_tab.ugpuhcb1im2ahsxr0035xkcuai	INTEGER	#	The number of HS-DSCH/E-DCH packet call releases caused by radio link failure for background traffic class.	Sum, nkcttbh, nkrttbh, tot
hsdsch_edch_packet_call_rel_due_to_rl_fail_for_interactive	nok_nkcel_pktclsrel_tab.ugpuhc61im2ahsxr0035xkcuai	INTEGER	#	The number of HS-DSCH/E-DCH packet call releases caused by radio link failure for interactive traffic class.	Sum, nkcttbh, nkrttbh, tot
ps_rel_norm_d_d_stre	nok_nkcel_pktclsrel_tab.xjvhdrtdmm2aicsd002uaxybdk	INTEGER	#	The number of DCH/DCH packet call normal releases for the streaming traffic class.	Sum, nkcttbh, nkrttbh, tot
ps_rel_norm_hs_d_stre	nok_nkcel_pktclsrel_tab.xjvhdrrdmm2aicsd002uaxybdk	INTEGER	#	The number of HS-DSCH/DCH packet call normal releases for the streaming traffic class.	Sum, nkcttbh, nkrttbh, tot
ps_rel_norm_hs_e_stre	nok_nkcel_pktclsrel_tab.xjvhdrpdmm2aicsd002uaxybdk	INTEGER	#	The number of HS-DSCH/E-DCH packet call normal releases for the streaming traffic class.	Sum, nkcttbh, nkrttbh, tot
ps_rel_oth_fail_d_d_stre	nok_nkcel_pktclsrel_tab.xjvhdsfdmm2aicsd002uaxybdk	INTEGER	#	The number of DCH/DCH packet call releases caused by other failure reasons than a radio link failure for the streaming traffic class.	Sum, nkcttbh, nkrttbh, tot
ps_rel_oth_fail_hs_d_stre	nok_nkcel_pktclsrel_tab.xjvhdsddmm2aicsd002uaxybdk	INTEGER	#	The number of HS-DSCH/DCH packet call releases caused by other failure	Sum, nkcttbh, nkrttbh, tot

				reasons than a radio link failure for the streaming traffic class.	
ps_rel_oth_fail_hs_e_stre	nok_nkcel_pktclsrel_tab.xjvhdsbdmm2aicsd002uaxybdk	INTEGER	#	The number of HS-DSCH/E-DCH packet call releases caused by other failure reasons than a radio link failure for the streaming traffic class.	Sum, nkcttbh, nkrttbh, tot
ps_rel_pre_emp_d_d_stre	nok_nkcel_pktclsrel_tab.xjvhds0dmm2aicsd002uaxybdk	INTEGER	#	The number of DCH/DCH packet call releases caused by pre-emption or RT over NRT for the streaming traffic class.	Sum, nkcttbh, nkrttbh, tot
ps_rel_pre_emp_hs_d_stre	nok_nkcel_pktclsrel_tab.xjvhdrxdmm2aicsd002uaxybdk	INTEGER	#	The number of HS-DSCH/DCH packet call releases caused by pre-emption for the streaming traffic class.	Sum, nkcttbh, nkrttbh, tot
ps_rel_pre_emp_hs_e_stre	nok_nkcel_pktclsrel_tab.xjvhdrvdmm2aicsd002uaxybdk	INTEGER	#	The number of HS-DSCH/E-DCH packet call releases caused by pre-emption or RT over NRT for the streaming traffic class.	Sum, nkcttbh, nkrttbh, tot
ps_rel_rl_fail_d_d_stre	nok_nkcel_pktclsrel_tab.xjvhds6dmm2aicsd002uaxybdk	INTEGER	#	The number of DCH/DCH packet call releases caused by radio link failures for the	Sum, nkcttbh, nkrttbh, tot

This edition applies to IBM® Tivoli® Netcool® Performance Manager for Wireless and to all subsequent releases and modifications until otherwise indicated in new editions.

				streaming traffic class.	
ps_rel_rl_fail_hs_d_stre	nok_nkcel_pktclsrel_tab.xjvhds4dmm2aicsd002uaxybdk	INTEGER	#	The number of HS-DSCH/DCH packet call releases caused by radio link failures for the streaming traffic class.	Sum, nkcttbh, nkrttbh, tot
ps_rel_rl_fail_hs_e_stre	nok_nkcel_pktclsrel_tab.xjvhds2dmm2aicsd002uaxybdk	INTEGER	#	The number of HS-DSCH/E-DCH packet call releases caused by radio link failures for the streaming traffic class.	Sum, nkcttbh, nkrttbh, tot
swi_dch_dch_to_hsdsch_edch_for_background	nok_nkcel_pktclsrel_tab.ugpuhbf1im2ahsxr0035xkcuai	INTEGER	#	The number of HS-DSCH/E-DCH packet call normal releases for interactive traffic class.	Sum, nkcttbh, nkrttbh, tot

6.6.66 Cell.Nokia.UMTS.packet_call.congestion_control

Packet connection connection congestion control statistics.

KPI Name	Expression	Data Type	Units	Description	Aggregation
delay_buildup_indications_sent_due_to_hw_overload	nok_nkcel_pktclconges_tab.ugpuhd01im2ahsxr0035xkcuai	INTEGER	#	The number of -Congestion indication control frame - delay build up- sent to BTS due to RNC HW overload congestion control functionality.	Sum, nkcttbh, nkrttbh, tot
delay_buildup_indications_sent_due_to_iub_delay	nok_nkcel_pktclconges_tab.ugpuhcx1im2ahsxr0035xkcuai	INTEGER	#	The number of -Congestion Indication control frame - delay build-	Sum, nkcttbh, nkrttbh, tot

				up- sent to BTS due to Iub delay detected by Frame protocol.	
delayed_edch_fp_frames	nok_nkcel_pktclconges_tab.ugpuhdf1im2ahsxr0035xkcuai	INTEGER	#	The number of delayed E-DCH FP frames, this includes frames that are delayed over the trigger value used by congestion control algorithm (i.e. delay is above the DelayThresholdMin).	Sum, nkcttbh, nkrttbh, tot
frame_loss_indications_sent_due_to_hw_overload	nok_nkcel_pktclconges_tab.ugpuhd61im2ahsxr0035xkcuai	INTEGER	#	The number of -Congestion indication control frame - frame loss- sent to BTS due to RNC HW overload.	Sum, nkcttbh, nkrttbh, tot
frame_loss_indications_sent_due_to_iub_delay	nok_nkcel_pktclconges_tab.ugpuhd41im2ahsxr0035xkcuai	INTEGER	#	The number of -Congestion indication control frame - frame loss- sent to BTS due to Iub delay detected by Frame protocol.	Sum, nkcttbh, nkrttbh, tot
frame_loss_indications_sent_due_to_traffic_loss	nok_nkcel_pktclconges_tab.ugpuhd21im2ahsxr0035xkcuai	INTEGER	#	The number of -Congestion indication control frame - frame loss- sent to BTS due to Iub traffic loss detected by Frame protocol.	Sum, nkcttbh, nkrttbh, tot
missed_edch_fp_frames	nok_nkcel_pktclconges_tab.ugpuhdd1im2ahsxr0035xkcuai	INTEGER	#	The number of E-DCH frames that that are not received	Sum, nkcttbh, nkrttbh,

				at all or are discarded due to errors.	tot
successful_edch_fp_branch_setup	nok_nkcel_pktclconges_tab.ugpuhdb1im2ahsxr0035xkcuai	INTEGER	#	The number of successful E-DCH Iub Frame Protocol branch setups.	Sum, nkcttbh, nkrttbh, tot
successful_ly_received_edch_fp_frames	nok_nkcel_pktclconges_tab.ugpuhdh1im2ahsxr0035xkcuai	INTEGER	#	The number of successfully received E-DCH FP frames, including all other frames than the frames counted as missed or delayed.	Sum, nkcttbh, nkrttbh, tot

6.6.67 Cell.Nokia.UMTS.packet_call.setup_failures

Packet connection connection setup failures statistics.

KPI Name	Expression	Data Type	Units	Description	Aggregation
hsdsch_edch_allo_after_hsdsch_edch_req_for_interactive	nok_nkcel_pktclstfail_tab.ugpuh6x1im2ahsxr0035xkcuai	INTEGER	#	The number of allocations for HS-DSCH/E-DCH after HSDSCH/E-DCH request for interactive traffic class.	Sum, nkcttbh, nkrttbh, tot
packet_call_setup_fail_due_dmcu_res_for_interactive	nok_nkcel_pktclstfail_tab.ugpuh6d1im2ahsxr0035xkcuai	INTEGER	#	The number of packet call setup failures due to lack of DMCU resources for interactive traffic class.	Sum, nkcttbh, nkrttbh, tot
packet_call_setup_fail_due_to_ac_for_background	nok_nkcel_pktclstfail_tab.ugpuh641im2ahsxr0035xkcuai	INTEGER	#	The number of packet call setup failures due to admission control for background traffic class.	Sum, nkcttbh, nkrttbh, tot

packet_call_setup_fail_due_to_ac_for_interactive	nok_nkcel_pktclstfail_tab.ugpuh621im2ahsxr0035xkcuai	INTEGER	#	The number of packet call setup failures due to admission control for interactive traffic class.	Sum, nkcttbh, nkrttbh, tot
packet_call_setup_fail_due_to_bts_for_background	nok_nkcel_pktclstfail_tab.ugpuh6b1im2ahsxr0035xkcuai	INTEGER	#	The number of packet call setup failures due to BTS for background traffic class.	Sum, nkcttbh, nkrttbh, tot
packet_call_setup_fail_due_to_bts_for_interactive	nok_nkcel_pktclstfail_tab.ugpuh661im2ahsxr0035xkcuai	INTEGER	#	The number of packet call setup failures due to BTS for interactive traffic class.	Sum, nkcttbh, nkrttbh, tot
packet_call_setup_fail_due_to_dmcu_res_for_background	nok_nkcel_pktclstfail_tab.ugpuh6f1im2ahsxr0035xkcuai	INTEGER	#	The number of packet call setup failures due to lack of DMCU resources for background traffic class.	Sum, nkcttbh, nkrttbh, tot
packet_call_setup_fail_due_to_other_reasons_for_background	nok_nkcel_pktclstfail_tab.ugpuh6r1im2ahsxr0035xkcuai	INTEGER	#	The number of packet call setup failures due to other reasons for background traffic class.	Sum, nkcttbh, nkrttbh, tot
packet_call_setup_fail_due_to_other_reasons_for_interactive	nok_nkcel_pktclstfail_tab.ugpuh6p1im2ahsxr0035xkcuai	INTEGER	#	The number of packet call setup failures due to other reasons for interactive traffic class.	Sum, nkcttbh, nkrttbh, tot
packet_call_setup_fail_due_to_transm_	nok_nkcel_pktclstfail_tab.ugpuh6j1im2ahsxr0035xkcu	INTEGER	#	The number of packet call setup	Sum, nkcttbh,

for_background	ai			failures due to transport for background traffic class.	nkrttbh, tot
packet_call_setup_fail_due_to_transm_for_interactive	nok_nkcel_pktclstfail_tab.ugpuh6h1im2ahsxr0035xkcuai	INTEGER	#	The number of packet call setup failures due to transport for interactive traffic class.	Sum, nkcttbh, nkrttbh, tot
packet_call_setup_fail_due_to_ue_for_background	nok_nkcel_pktclstfail_tab.ugpuh6n1im2ahsxr0035xkcuai	INTEGER	#	The number of packet call setup failures due to UE for background traffic class.	Sum, nkcttbh, nkrttbh, tot
packet_call_setup_fail_due_to_ue_for_interactive	nok_nkcel_pktclstfail_tab.ugpuh6l1im2ahsxr0035xkcuai	INTEGER	#	The number of packet call setup failures due to UE for interactive traffic class.	Sum, nkcttbh, nkrttbh, tot
ps_setup_fail_ac_stre	nok_nkcel_pktclstfail_tab.xjvhdqldmm2aicsd002uaxybdk	INTEGER	#	The number of packet call setup failures due to the admission control for the streaming traffic class. Also rejections due to "frozen BTS" are included in this counter.	Sum, nkcttbh, nkrttbh, tot
ps_setup_fail_bts_stre	nok_nkcel_pktclstfail_tab.xjvhdqndmm2aicsd002uaxybdk	INTEGER	#	The number of packet call setup failures due to the BTS for the streaming traffic class.	Sum, nkcttbh, nkrttbh, tot
ps_setup_fail_dmcu_stre	nok_nkcel_pktclstfail_tab.xjvhdqpdmm2aicsd002uaxybdk	INTEGER	#	The number of packet call setup failures due to the lack of DMCU resources for the streaming traffic	Sum, nkcttbh, nkrttbh, tot

				class.	
ps_setup_fail_other_stre	nok_nkcel_pktclstfail_tab.xjvhdqvdmm2aicsd002uaxybdk	INTEGER	#	The number of packet call setup failures for the streaming traffic class due to other reasons than those covered by the other failure counters.	Sum, nkcttbh, nkrttbh, tot
ps_setup_fail_trans_stre	nok_nkcel_pktclstfail_tab.xjvhdqrdmm2aicsd002uaxybdk	INTEGER	#	The number of packet call setup failures due to transport for the streaming traffic class.	Sum, nkcttbh, nkrttbh, tot
ps_setup_fail_ue_stre	nok_nkcel_pktclstfail_tab.xjvhdqtdmm2aicsd002uaxybdk	INTEGER	#	The number of packet call setup failures due to the UE for the streaming traffic class.	Sum, nkcttbh, nkrttbh, tot
Tot_packet_call_setup_fail_background	{packet_call_setup_fail_due_to_ac_for_background}+ {packet_call_setup_fail_due_to_bts_for_background} + {packet_call_setup_fail_due_to_dmcu_res_for_background}+ {packet_call_setup_fail_due_to_transm_for_background}+ {packet_call_setup_fail_due_to_ue_for_background}	INTEGER	#	Total number of packet call setup failures for background traffic due to various reasons	Sum, nkcttbh, nkrttbh, tot
Tot_packet_call_setup_fail_interactive	{packet_call_setup_fail_due_to_ac_for_interactive}+ {packet_call_setup_fail_du	INTEGER	#	Total number of packet call setup failures for	Sum, nkcttbh, nkrttbh,

	e_to_bts_for_interactive}+ {packet_call_setup_fail_due_dmcu_res_for_interactive}+ {packet_call_setup_fail_due_to_transm_for_interactive}+ {packet_call_setup_fail_due_to_ue_for_interactive}+ {packet_call_setup_fail_due_to_other_reasons_for_interactive}			interactive traffic due to various reasons	tot

6.6.68 Cell.Nokia.UMTS.packet_call.setup

Packet connection connection attempts statistics.

KPI Name	Expression	Data Type	Units	Description	Aggregation
_%_packet_session_setup_success_ratio_rt	nok_nkcel_pktclstup_tab.ywyi0r2dpv2aicsdj02uaxybdk	FLOAT	%	Packet Session Setup Success Ratio for RT [%]	Average, nkcttbh, nkrttbh, tot, min, max
dch_dch_packet_call_att_for_background	nok_nkcel_pktclstup_tab.ugpuh601im2ahsxr0035xkcuai	INTEGER	#	The number of DCH/DCH packet call attempts for interactive traffic class.	Sum, nkcttbh, nkrttbh, tot
dch_dch_packet_call_att_for_interactive	nok_nkcel_pktclstup_tab.ugpuh5x1im2ahsxr0035xkcuai	INTEGER	#	The number of DCH/DCH packet call attempts for interactive traffic class.	Sum, nkcttbh, nkrttbh, tot
hsdsch_dch_packet_call_att_for_background	nok_nkcel_pktclstup_tab.ugpuh5v1im2ahsxr0035xkcuai	INTEGER	#	The number of HS-DSCH/DCH packet call attempts for background traffic class.	Sum, nkcttbh, nkrttbh, tot
hsdsch_dch_packet_call_att_for_interactive	nok_nkcel_pktclstup_tab.ugpuh5t1im2ahsxr0035xkcuai	INTEGER	#	The number of HS-DSCH/DCH packet call attempts for	Sum, nkcttbh, nkrttbh,

				interactive traffic class.	tot
hsdsch_edch_packet_call_att_for_background	nok_nkcel_pktclstup_tab.ugpuh5r1im2ahsxr0035xkcuai	INTEGER	#	The number of HS-DSCH/E-DCH packet call attempts for background traffic class.	Sum, nkcttbh, nkrttbh, tot
hsdsch_edch_packet_call_att_for_interactive	nok_nkcel_pktclstup_tab.ugpuh5p1im2ahsxr0035xkcuai	INTEGER	#	The number of HS-DSCH/E-DCH packet call attempts for interactive traffic class.	Sum, nkcttbh, nkrttbh, tot
ps_att_dch_dch_stre	nok_nkcel_pktclstup_tab.xjvhdqjdmm2aicsd002uaxybdk	INTEGER	#	The number of DCH/DCH packet call attempts for the streaming traffic class.	Sum, nkcttbh, nkrttbh, tot
ps_att_hsdsch_dch_stre	nok_nkcel_pktclstup_tab.xjvhdqhdmm2aicsd002uaxybdk	INTEGER	#	The number of HS-DSCH/DCH packet call attempts for the streaming traffic class.	Sum, nkcttbh, nkrttbh, tot
ps_att_hsdsch_edch_stre	nok_nkcel_pktclstup_tab.xjvhdqfdmm2aicsd002uaxybdk	INTEGER	#	The number of HS-DSCH/E-DCH packet call attempts for the streaming traffic class.	Sum, nkcttbh, nkrttbh, tot

6.6.69 Cell.Nokia.UMTS.packet_call.switching

Packet connection connection switching statistics.

KPI Name	Expression	Data Type	Units	Description	Aggregation
att_chan_swi_dch_to_hs_dsch	nok_nkcel_pktclswtch_tab.xjvhdobdmm2aicsd002uaxybdk	INTEGER	#	The number of attempted channel switches from DCH	Sum, nkcttbh, nkrttbh,

				to HS-DSCH.	tot
att_chan_swi_hs_dsch_to_dch	nok_nkcel_pktclswtch_tab.xjvhdofdmm2aicsd002uaxybdk	INTEGER	#	The number of attempted channel switches from HS-DSCH to DCH.	Sum, nkcttbh, nkrttbh, tot
denom_dur_edch_rb_bgr	nok_nkcel_pktclswtch_tab.xjvhdqddmm2aicsd002uaxybdk	INTEGER	#	The number of updates done to counter M1022C179, used as a denominator for average calculation.	Sum, nkcttbh, nkrttbh, tot
denom_dur_edch_rb_intera	nok_nkcel_pktclswtch_tab.xjvhdq2dmm2aicsd002uaxybdk	INTEGER	#	The number of updates done to counter M1022C175, used as a denominator for average calculation.	Sum, nkcttbh, nkrttbh, tot
denom_dur_edch_rb_strea	nok_nkcel_pktclswtch_tab.xjvhdptdmm2aicsd002uaxybdk	INTEGER	#	The number of updates done to counter M1022C171, used as a denominator for average calculation.	Sum, nkcttbh, nkrttbh, tot
denom_dur_hsdpa_user_conn	nok_nkcel_pktclswtch_tab.xjvhdopdmm2aicsd002uaxybdk	INTEGER	#	The number of updates done to counter M1022C153, used as a denominator for average calculation.	Sum, nkcttbh, nkrttbh, tot
denom_dur_hsdsch_rb_bgr	nok_nkcel_pktclswtch_tab.xjvhdpldmm2aicsd002uaxybdk	INTEGER	#	The number of updates done to counter M1022C167, used as a denominator for average calculation.	Sum, nkcttbh, nkrttbh, tot
denom_dur_hsdsch	nok_nkcel_pktclswtch_tab.	INTEG	#	The number of	Sum,

_rb_intera	xjvhdpddmm2aicsd002uaxybdk	ER		updates done to counter M1022C163, used as a denominator for average calculation.	nkcttbh, nkrttbh, tot
denom_dur_hsdsch_rb_strea	nok_nkcel_pktclswtch_tab.xjvhdp2dmm2aicsd002uaxybdk	INTEGER	#	The number of updates done to counter M1022C159, used as a denominator for average calculation.	Sum, nkcttbh, nkrttbh, tot
denom_dur_hsupa_user_conn	nok_nkcel_pktclswtch_tab.xjvhdotdmm2aicsd002uaxybdk	INTEGER	#	The number of updates done to counter M1022C155, used as a denominator for average calculation.	Sum, nkcttbh, nkrttbh, tot
max_dur_edch_rb_bgr	nok_nkcel_pktclswtch_tab.xjvhdq4dmm2aicsd002uaxybdk	INTEGER	Sec	The maximum E-DCH radio bearer duration for background.	Constant, avg, max, min, nkcttbh, nkrttbh, tot
max_dur_edch_rb_intera	nok_nkcel_pktclswtch_tab.xjvhdpvdmm2aicsd002uaxybdk	INTEGER	Sec	The maximum E-DCH radio bearer duration for interactive.	Constant, avg, max, min, nkcttbh, nkrttbh, tot
max_dur_edch_rb_strea	nok_nkcel_pktclswtch_tab.xjvhdpndmm2aicsd002uaxybdk	INTEGER	Sec	The maximum E-DCH radio bearer duration for streaming.	Constant, avg, max, min, nkcttbh, nkrttbh, tot

This edition applies to IBM® Tivoli® Netcool® Performance Manager for Wireless and to all subsequent releases and modifications until otherwise indicated in new editions.

max_dur_hsdpa_user_conn	nok_nkcel_pktclswtch_tab.xjvhdojdmm2aicsd002uaxybdk	INTEGER	Sec	The maximum duration that a user has had HS-DSCH allocated. The whole duration is updated for the last HS-DSCH serving cell.	Constant, avg, max, min, nkcttbh, nkrttbh, tot
max_dur_hsdsch_rb_bgr	nok_nkcel_pktclswtch_tab.xjvhdpfdmm2aicsd002uaxybdk	INTEGER	Sec	The maximum HS-DSCH radio bearer duration for background traffic class.	Constant, avg, max, min, nkcttbh, nkrttbh, tot
max_dur_hsdsch_rb_intera	nok_nkcel_pktclswtch_tab.xjvhdp4dmm2aicsd002uaxybdk	INTEGER	Sec	The maximum HS-DSCH radio bearer duration for interactive traffic class.	Constant, avg, max, min, nkcttbh, nkrttbh, tot
max_dur_hsdsch_rb_strea	nok_nkcel_pktclswtch_tab.xjvhdovdmm2aicsd002uaxybdk	INTEGER	Sec	The maximum HS-DSCH radio bearer duration for streaming.	Constant, avg, max, min, nkcttbh, nkrttbh, tot
max_dur_hsupa_user_conn	nok_nkcel_pktclswtch_tab.xjvhdoldmm2aicsd002uaxybdk	INTEGER	Sec	The maximum duration that a user has had E-DCH allocated. The whole duration is updated for the last E-DCH serving cell.	Constant, avg, max, min, nkcttbh, nkrttbh, tot
min_dur_edch_rb_bgr	nok_nkcel_pktclswtch_tab.xjvhdq6dmm2aicsd002uaxybdk	INTEGER	Sec	The minimum E-DCH radio bearer duration for background.	Minimum, avg, max, min, nkcttbh, nkrttbh, tot
min_dur_edch_rb_intera	nok_nkcel_pktclswtch_tab.xjvhdpxdmm2aicsd002uax	INTEGER	Sec	The minimum E-DCH radio bearer	Minimum, avg, max,

	ybdk			duration for interactive.	min, nkcttbh, nkrttbh, tot
min_dur_edch_rb_strea	nok_nkcel_pktclswtch_tab.xjvhdppdmm2aicsd002uaxybdk	INTEGER	Sec	The minimum E-DCH radio bearer duration for streaming.	Minimum, avg, max, min, nkcttbh, nkrttbh, tot
min_dur_hsdsch_rb_bgr	nok_nkcel_pktclswtch_tab.xjvhdphdmm2aicsd002uaxybdk	INTEGER	Sec	The minimum HS-DSCH radio bearer duration for background traffic class.	Minimum, avg, max, min, nkcttbh, nkrttbh, tot
min_dur_hsdsch_rb_intera	nok_nkcel_pktclswtch_tab.xjvhdp6dmm2aicsd002uaxybdk	INTEGER	Sec	The minimum HS-DSCH radio bearer duration for interactive traffic class.	Minimum, avg, max, min, nkcttbh, nkrttbh, tot
min_dur_hsdsch_rb_strea	nok_nkcel_pktclswtch_tab.xjvhdoxdmm2aicsd002uaxybdk	INTEGER	Sec	The minimum HS-DSCH radio bearer duration for streaming.	Minimum, avg, max, min, nkcttbh, nkrttbh, tot
ps_swi_d_d_to_hs_d_stre	nok_nkcel_pktclswtch_tab.xjvhdrldmm2aicsd002uaxybdk	INTEGER	#	The number of packet call channel switches from the DCH/DCH (xx/yy) to the HS-DSCH/DCH for the streaming traffic class.	Sum, nkcttbh, nkrttbh, tot
ps_swi_d_d_to_hs_	nok_nkcel_pktclswtch_tab.	INTEG	#	The number of	Sum,

e_stre	xjvhdrndmm2aicsd002uaxybdk	ER		packet call channel switches from the DCH/DCH (xx/yy) to the HS-DSCH/E-DCH for the streaming traffic class.	nkcttbh, nkrttbh, tot
ps_swi_hs_d_to_d_d_stre	nok_nkcel_pktclswtch_tab.xjvhdrhdmm2aicsd002uaxybdk	INTEGER	#	The number of packet call channel switches from the HS-DSCH/DCH to the DCH/DCH (xx/yy) for the streaming traffic class.	Sum, nkcttbh, nkrttbh, tot
ps_swi_hs_d_to_hs_e_stre	nok_nkcel_pktclswtch_tab.xjvhdrjdmm2aicsd002uaxybdk	INTEGER	#	The number of packet call channel switches from the HS-DSCH/DCH to the HS-DSCH/E-DCH for the streaming traffic class.	Sum, nkcttbh, nkrttbh, tot
ps_swi_hs_e_to_d_d_stre	nok_nkcel_pktclswtch_tab.xjvhdrfdmm2aicsd002uaxybdk	INTEGER	#	The number of packet call channel switches from the HS-DSCH/E-DCH to the DCH/DCH (xx/yy) for the streaming traffic class.	Sum, nkcttbh, nkrttbh, tot
ps_swi_hs_e_to_hs_d_stre	nok_nkcel_pktclswtch_tab.xjvhdrddmm2aicsd002uaxybdk	INTEGER	#	The number of packet call channel switches from the HS-DSCH/E-DCH to the HS-DSCH/DCH for the streaming traffic class.	Sum, nkcttbh, nkrttbh, tot
succ_chan_swi_dch_to_hs_dsch	nok_nkcel_pktclswtch_tab.xjvhdoddmm2aicsd002uaxybdk	INTEGER	#	The number of successful channel switches from DCH to HS-DSCH.	Sum, nkcttbh, nkrttbh, tot

succ_chan_swi_hs_dsch_to_dch	nok_nkcel_pktclswtch_tab.xjvhdohdmm2aicsd002uaxybdk	INTEGER	#	The number of successful channel switches from HS-DSCH to DCH.	Sum, nkcttbh, nkrttbh, tot
sum_dur_edch_rb_bgr	nok_nkcel_pktclswtch_tab.xjvhdqbdmm2aicsd002uaxybdk	INTEGER	Sec	The sum of the durations of the E-DCH radio bearer for background.	Sum, nkcttbh, nkrttbh, tot
sum_dur_edch_rb_intera	nok_nkcel_pktclswtch_tab.xjvhdq0dmm2aicsd002uaxybdk	INTEGER	Sec	The sum of the durations of the E-DCH radio bearer for interactive.	Sum, nkcttbh, nkrttbh, tot
sum_dur_edch_rb_strea	nok_nkcel_pktclswtch_tab.xjvhdprdmm2aicsd002uaxybdk	INTEGER	Sec	The sum of the durations of the E-DCH radio bearer for streaming.	Sum, nkcttbh, nkrttbh, tot
sum_dur_hsdpa_user_conn	nok_nkcel_pktclswtch_tab.xjvhdondmm2aicsd002uaxybdk	INTEGER	Sec	The sum of the durations of the HSDPA user connections. The whole duration is updated for the last HS-DSCH serving cell.	Sum, nkcttbh, nkrttbh, tot
sum_dur_hsdsch_rb_bgr	nok_nkcel_pktclswtch_tab.xjvhdpjdmm2aicsd002uaxybdk	INTEGER	Sec	The sum of the durations of the HS-DSCH radio bearer for background traffic class.	Sum, nkcttbh, nkrttbh, tot
sum_dur_hsdsch_rb_intera	nok_nkcel_pktclswtch_tab.xjvhdpbdmm2aicsd002uaxybdk	INTEGER	Sec	The sum of the durations of the HS-DSCH radio bearer for interactive traffic class.	Sum, nkcttbh, nkrttbh, tot

This edition applies to IBM® Tivoli® Netcool® Performance Manager for Wireless and to all subsequent releases and modifications until otherwise indicated in new editions.

sum_dur_hsdsch_rb_strea	nok_nkcel_pktclswtch_tab.xjvhdp0dmm2aicsd002uaxybdk	INTEGER	Sec	The sum of the durations of the HS-DSCH radio bearer for streaming.	Sum, nkcttbh, nkrttbh, tot
sum_dur_hsupa_user_conn	nok_nkcel_pktclswtch_tab.xjvhdordmm2aicsd002uaxybdk	INTEGER	Sec	The sum of the durations of the HSUPA user connections. The whole duration is updated for the last E-DCH serving cell.	Sum, nkcttbh, nkrttbh, tot
swi_dch_dch_to_hsdsch_dch_for_background	nok_nkcel_pktclswtch_tab.ugpuhbb1im2ahsxr0035xkcuai	INTEGER	#	The number of packet call channel switches from DCH/DCH (xx/yy) to HS-DSCH/E-DCH for interactive traffic class.	Sum, nkcttbh, nkrttbh, tot
swi_dch_dch_to_hsdsch_dch_for_interactive	nok_nkcel_pktclswtch_tab.ugpuhb61im2ahsxr0035xkcuai	INTEGER	#	The number of packet call channel switches from DCH/DCH (xx/yy) to HS-DSCH/DCH for background traffic class.	Sum, nkcttbh, nkrttbh, tot
swi_dch_dch_to_hsdsch_edch_for_interactive	nok_nkcel_pktclswtch_tab.ugpuhbd1im2ahsxr0035xkcuai	INTEGER	#	The number of packet call channel switches from DCH/DCH (xx/yy) to HS-DSCH/E-DCH for background traffic class.	Sum, nkcttbh, nkrttbh, tot
swi_hsdcsh_dch_to_hsdsch_edch_for_background	nok_nkcel_pktclswtch_tab.ugpuhb41im2ahsxr0035xkcuai	INTEGER	#	The number of packet call channel switches from DCH/DCH (xx/yy) to HS-DSCH/DCH for interactive traffic class.	Sum, nkcttbh, nkrttbh, tot

swi_hsdsch_dch_to_dch_dch_for_background	nok_nkcel_pktclswtch_tab.ugpuhb01im2ahsxr0035xkcuai	INTEGER	#	The number of packet call channel switches from HS-DSCH/DCH to DCH/DCH (xx/yy) for background traffic class.	Sum, nkcttbh, nkrttbh, tot
swi_hsdsch_dch_to_dch_dch_for_interactive	nok_nkcel_pktclswtch_tab.ugpuhax1im2ahsxr0035xkcuai	INTEGER	#	The number of packet call channel switches from HS-DSCH/DCH to DCH/DCH (xx/yy) for interactive traffic class.	Sum, nkcttbh, nkrttbh, tot
swi_hsdsch_dch_to_hsdsch_edch_for_interactive	nok_nkcel_pktclswtch_tab.ugpuhb21im2ahsxr0035xkcuai	INTEGER	#	The number of packet call channel switches from HS-DSCH/DCH to HS-DSCH/E-DCH for interactive traffic class.	Sum, nkcttbh, nkrttbh, tot
swi_hsdsch_edch_to_dch_dch_for_background	nok_nkcel_pktclswtch_tab.ugpuhav1im2ahsxr0035xkcuai	INTEGER	#	The number of packet call channel switches from HS-DSCH/E-DCH to DCH/DCH (xx/yy) for background traffic class.	Sum, nkcttbh, nkrttbh, tot
swi_hsdsch_edch_to_dch_dch_for_interactive	nok_nkcel_pktclswtch_tab.ugpuhat1im2ahsxr0035xkcuai	INTEGER	#	The number of packet call channel switches from HS-DSCH/E-DCH to DCH/DCH (xx/yy) for interactive traffic class.	Sum, nkcttbh, nkrttbh, tot
swi_hsdsch_edch_to_hsdsch_dch_for_background	nok_nkcel_pktclswtch_tab.ugpuhar1im2ahsxr0035xkcuai	INTEGER	#	The number of packet call channel switches from HS-	Sum, nkcttbh, nkrttbh,

				DSCH/E-DCH to HS-DSCH/DCH for background traffic class.	tot
swi_hsdsch_edch_to_hsdsch_dch_for_interactive	nok_nkcel_pktclswtch_tab.ugpuhap1im2ahsxr0035xkcuai	INTEGER	#	The number of packet call channel switches from HS-DSCH/E-DCH to HS-DSCH/DCH for interactive traffic class.	Sum, nkcttbh, nkrttbh, tot

6.6.70 Cell.Nokia.UMTS.prach_prop_delay

PRACH propagation delay statistics.

KPI Name	Expression	Data Type	Units	Description	Aggregation
prach_propagation_delay_class_0	nok_nkcel_praprpdel_tab.uaqad121im2ahsxr0035xkcuai	INTEGER	Chip	The number of PRACH Propagation Delay values reported by the WBTS with value PROP_DELAY_000 (3GPP TS 25.133). This corresponds approximately to the distance of 0...234 meters.	Sum, nkcttbh, nkrttbh, tot
prach_propagation_delay_class_10	nok_nkcel_praprpdel_tab.uaqad1p1im2ahsxr0035xkcuai	INTEGER	Chip	The number of PRACH Propagation Delay values reported by the WBTS with value PROP_DELAY_026...PROP_DELAY_029 (3GPP TS 25.133). This corresponds the distance of 6084...7020 meters.	Sum, nkcttbh, nkrttbh, tot

prach_propagation_delay_class_11	nok_nkcel_praprpdel_tab.uaqad1r1im2ahsxr0035xkcuai	INTEGER	Chip	The number of PRACH Propagation Delay values reported by the WBTS with value PROP_DELAY_030...PROP_DELAY_033 (3GPP TS 25.133). This corresponds the distance of 7020...7956 meters.	Sum, nkcttbh, nkrttbh, tot
prach_propagation_delay_class_12	nok_nkcel_praprpdel_tab.uaqad1t1im2ahsxr0035xkcuai	INTEGER	Chip	The number of PRACH Propagation Delay values reported by the WBTS with value PROP_DELAY_034...PROP_DELAY_042 (3GPP TS 25.133). This corresponds the distance of 7956...10062 meters.	Sum, nkcttbh, nkrttbh, tot
prach_propagation_delay_class_13	nok_nkcel_praprpdel_tab.uaqad1v1im2ahsxr0035xkcuai	INTEGER	Chip	The number of PRACH Propagation Delay values reported by the WBTS with value PROP_DELAY_043...PROP_DELAY_063 (3GPP TS 25.133). This corresponds the distance of 10062...14976	Sum, nkcttbh, nkrttbh, tot

				meters.	
prach_propagation_delay_class_14	nok_nkcel_praprpdel_tab.uaqad1x1im2ahsxr0035xkcuai	INTEGER	Chip	The number of PRACH Propagation Delay values reported by the WBTS with value PROP_DELAY_064...PROP_DELAY_084 (3GPP TS 25.133). This corresponds the distance of 14976...19890 meters.	Sum, nkcttbh, nkrttbh, tot
prach_propagation_delay_class_15	nok_nkcel_praprpdel_tab.uaqad201im2ahsxr0035xkcuai	INTEGER	Chip	The number of PRACH Propagation Delay values reported by the WBTS with value PROP_DELAY_085...PROP_DELAY_106 (3GPP TS 25.133). This corresponds the distance of 19890...25038 meters.	Sum, nkcttbh, nkrttbh, tot
prach_propagation_delay_class_16	nok_nkcel_praprpdel_tab.uaqad221im2ahsxr0035xkcuai	INTEGER	Chip	The number of PRACH Propagation Delay values reported by the WBTS with value PROP_DELAY_107...PROP_DELAY_127 (3GPP TS 25.133). This corresponds the distance of 25038...29952 meters.	Sum, nkcttbh, nkrttbh, tot

prach_propagation_delay_class_17	nok_nkcel_praprpdel_tab.uaqad241im2ahsxr0035xkcuai	INTEGER	Chip	The number of PRACH Propagation Delay values reported by the WBTS with value PROP_DELAY_128...PROP_DELAY_148 (3GPP TS 25.133). This corresponds the distance of 29952...34866 meters.	Sum, nkcttbh, nkrttbh, tot
prach_propagation_delay_class_18	nok_nkcel_praprpdel_tab.uaqad261im2ahsxr0035xkcuai	INTEGER	Chip	The number of PRACH Propagation Delay values reported by the WBTS with value PROP_DELAY_149...PROP_DELAY_170 (3GPP TS 25.133). This corresponds the distance of 34866...40014 meters.	Sum, nkcttbh, nkrttbh, tot
prach_propagation_delay_class_19	nok_nkcel_praprpdel_tab.uaqad2b1im2ahsxr0035xkcuai	INTEGER	Chip	The number of PRACH Propagation Delay values reported by the WBTS with value PROP_DELAY_171...PROP_DELAY_213 (3GPP TS 25.133). This corresponds the distance of	Sum, nkcttbh, nkrttbh, tot

				40014...50076 meters.	
prach_propagation_delay_class_1	nok_nkcel_praprpdel_tab.uaqad141im2ahsxr0035xkcuai	INTEGER	Chip	The number of PRACH Propagation Delay values reported by the WBTS with value PROP_DELAY_001 (3GPP TS 25.133). This corresponds approximately to the distance of 234...468 meters.	Sum, nkcttbh, nkrttbh, tot
prach_propagation_delay_class_20	nok_nkcel_praprpdel_tab.uaqad2d1im2ahsxr0035xkcuai	INTEGER	Chip	The number of PRACH Propagation Delay values reported by the WBTS with value PROP_DELAY_214 or greater (3GPP TS 25.133). This corresponds the distance greater than 50076 meters.	Sum, nkcttbh, nkrttbh, tot
prach_propagation_delay_class_2	nok_nkcel_praprpdel_tab.uaqad161im2ahsxr0035xkcuai	INTEGER	Chip	The number of PRACH Propagation Delay values reported by the WBTS with value PROP_DELAY_002...PROP_DELAY_003 (3GPP TS 25.133). This corresponds the distance of 468...936 meters.	Sum, nkcttbh, nkrttbh, tot
prach_propagation_delay_class_3	nok_nkcel_praprpdel_tab.uaqad1b1im2ahsxr0035xkcuai	INTEGER	Chip	The number of PRACH Propagation Delay	Sum, nkcttbh, nkrttbh,

				values reported by the WBTS with value PROP_DELAY_004 (3GPP TS 25.133). This corresponds the distance of 936...1170 meters.	tot
prach_propagation_delay_class_4	nok_nkcel_praprpdel_tab.uaqad1d1im2ahsxr0035xkcuai	INTEGER	Chip	The number of PRACH Propagation Delay values reported by the WBTS with value PROP_DELAY_005...PROP_DELAY_006 (3GPP TS 25.133). This corresponds the distance of 1170...1638 meters.	Sum, nkcttbh, nkrttbh, tot
prach_propagation_delay_class_5	nok_nkcel_praprpdel_tab.uaqad1f1im2ahsxr0035xkcuai	INTEGER	Chip	The number of PRACH Propagation Delay values reported by the WBTS with value PROP_DELAY_007...PROP_DELAY_008 (3GPP TS 25.133). This corresponds the distance of 1638...2106 meters.	Sum, nkcttbh, nkrttbh, tot
prach_propagation_delay_class_6	nok_nkcel_praprpdel_tab.uaqad1h1im2ahsxr0035xkcuai	INTEGER	Chip	The number of PRACH Propagation Delay values reported by	Sum, nkcttbh, nkrttbh, tot

				the WBTS with value PROP_DELAY_009...PROP_DELAY_012 (3GPP TS 25.133). This corresponds the distance of 2106...3042 meters.	
prach_propagation_delay_class_7	nok_nkcel_praprpdel_tab.uaqad1j1im2ahsxr0035xkcuai	INTEGER	Chip	The number of PRACH Propagation Delay values reported by the WBTS with value PROP_DELAY_013...PROP_DELAY_016 (3GPP TS 25.133). This corresponds the distance of 3042...3978 meters.	Sum, nkcttbh, nkrttbh, tot
prach_propagation_delay_class_8	nok_nkcel_praprpdel_tab.uaqad1l1im2ahsxr0035xkcuai	INTEGER	Chip	The number of PRACH Propagation Delay values reported by the WBTS with value PROP_DELAY_017...PROP_DELAY_020 (3GPP TS 25.133). This corresponds the distance of 3978...4914 meters.	Sum, nkcttbh, nkrttbh, tot
prach_propagation_delay_class_9	nok_nkcel_praprpdel_tab.uaqad1n1im2ahsxr0035xkcuai	INTEGER	Chip	The number of PRACH Propagation Delay values reported by the WBTS with value PROP_DELAY_021...PROP_DELAY_025 (3GPP TS	Sum, nkcttbh, nkrttbh, tot

				25.133). This corresponds the distance of 4914...6084 meters.	

6.6.71 Cell.Nokia.UMTS.prxtotal

PRXTotal measurement statistics

KPI Name	Expression	Data Type	Units	Description	Aggregation
ave_prx_noise	nok_nkcel_prxttl_tab.rbt4256ahl26seccb00hw01qk4	FLOAT	dBm	Average PrxNoise threshold used	Average, avg, max, min, nkcttbh, nkrttbh, tot
ave_prxtot_class_0	nok_nkcel_prxttl_tab.rbmc61xahl26seccb00hw01qk4	FLOAT	#	Average PrxTotal in relation to the unloaded area	Average, avg, max, min, nkcttbh, nkrttbh, tot
ave_prxtot_class_1	nok_nkcel_prxttl_tab.rbnjendahl26seccb00hw01qk4	FLOAT	#	Average PrxTotal in relation to the feasible load area 1	Average, avg, max, min, nkcttbh, nkrttbh, tot
ave_prxtot_class_2	nok_nkcel_prxttl_tab.rbouos6ahl26seccb00hw01qk4	FLOAT	#	Average PrxTotal in relation to the feasible load area 2	Average, avg, max, min, nkcttbh, nkrttbh, tot
ave_prxtot_class_3	nok_nkcel_prxttl_tab.rbqaimxahl26seccb00hw01qk4	FLOAT	#	Average PrxTotal in relation to the	Average, avg, max,

				marginal load area	min, nkcttbh, nkrttbh, tot
ave_prxtot_class_4	nok_nkcel_prxttl_tab.rbrolhxahl26seccb00hw01qk4	FLOAT	#	Average PrxTotal in relation to the overload area	Average, avg, max, min, nkcttbh, nkrttbh, tot
avg_uplink_load_dbm	nok_nkcel_prxttl_tab.rc2twpdahl26seccb00hw01qk4	FLOAT	dBm	Average received uplink power [dBm] shows the uplink loading of a cell over the reporting period. This KPI is based on Cell Resource measurement where the total uplink interference (RSSI) of a cell is measured. See RNC Counters - RNW Part in Nokia WCDMA RNC Product Documentation. Method: Convert all dbm values to mW before reconvert it back to dBm again. Note: This is based on Nokia WCDMA RAN KPI document. It has been decided to put into the normal 1-2-1 KPI group due to lengthy reference names was used.	Average, avg, max, min, nkcttbh, nkrttbh, tot
lvl_ave_prx_noise	{ave_prx_noise}/ (-100)	FLOAT	dBm	Average PrxNoise threshold used in	Average, avg, max,

				dBm.	min, nkcttbh, nkrttbh, tot
lvl_ave_prxtot_class_0	-112.1 + (0.1 * {ave_prxtot_class_0})	FLOAT	dBm	Average PrxTotal in relation to the unloaded area in dBm.	Average, avg, max, min, nkcttbh, nkrttbh, tot
lvl_ave_prxtot_class_1	-112.1 + (0.1 * {ave_prxtot_class_1})	FLOAT	dBm	Average PrxTotal in relation to the feasible load area 1in dBm.	Average, avg, max, min, nkcttbh, nkrttbh, tot
lvl_ave_prxtot_class_2	-112.1 + (0.1 * {ave_prxtot_class_2})	FLOAT	dBm	Average PrxTotal in relation to the feasible load area 2 in dBm.	Average, avg, max, min, nkcttbh, nkrttbh, tot
lvl_ave_prxtot_class_3	-112.1 + (0.1 * {ave_prxtot_class_3})	FLOAT	dBm	Average PrxTotal in relation to the marginal load area in dBm.	Average, avg, max, min, nkcttbh, nkrttbh, tot
lvl_ave_prxtot_class_4	-112.1 + (0.1 * {ave_prxtot_class_4})	FLOAT	dBm	Average PrxTotal in relation to the overload area in dBm.	Average, avg, max, min, nkcttbh, nkrttbh, tot
maximum_prx_noise_value	nok_nkcel_prxttl_tab.rbuoma2ahl26seccb00hw01qk4	FLOAT	dBm	Maximum PrxNoise threshold value	Constant, avg, max, min,

This edition applies to IBM® Tivoli® Netcool® Performance Manager for Wireless and to all subsequent releases and modifications until otherwise indicated in new editions.

					nkcttbh, nkrttbh, tot
maximum_prxtotal	nok_nkcel_prxttl_tab.rbw2k6pahl26seccb00hw01qk4	FLOAT	dBm	The maximum PrxTotal value during the measurement period.	Constant, avg, max, min, nkcttbh, nkrttbh, tot
minimum_prx_noise_value	nok_nkcel_prxttl_tab.rbvevypahl26seccb00hw01qk4	FLOAT	dBm	Minimum PrxNoise threshold value	Minimum, avg, max, min, nkcttbh, nkrttbh, tot
minimum_prxtotal	nok_nkcel_prxttl_tab.rbwt4rtahl26seccb00hw01qk4	FLOAT	dBm	The minimum PrxTotal value during the measurement period.	Minimum, avg, max, min, nkcttbh, nkrttbh, tot
prx_noise_denom_1	nok_nkcel_prxttl_tab.rbtu26dahl26seccb00hw01qk4	INT8	#	Denominator for the average PrxNoise used	Sum, nkcttbh, nkrttbh, tot
prxtot_denom_0	nok_nkcel_prxttl_tab.rbmw1klahl26seccb00hw01qk4	INT8	#	Denominator for PrxTotal Class 0	Sum, nkcttbh, nkrttbh, tot
prxtot_denom_1	nok_nkcel_prxttl_tab.rbo53vlahl26seccb00hw01qk4	INT8	#	Denominator for PrxTotal Class 1	Sum, nkcttbh, nkrttbh, tot
prxtot_denom_2	nok_nkcel_prxttl_tab.rbpjxnpahl26seccb00hw01qk4	INT8	#	Denominator for PrxTotal Class 2	Sum, nkcttbh, nkrttbh, tot
prxtot_denom_3	nok_nkcel_prxttl_tab.rbqx4fhahl26seccb00hw01qk4	INT8	#	Denominator for PrxTotal Class 3	Sum, nkcttbh, nkrttbh, tot

prxtot_denom_4	nok_nkcel_prxttl_tab.rbsghs2ahl26seccb00hw01qk4	INT8	#	Denominator for PrxTotal Class 4	Sum, nkcttbh, nkrttbh, tot

6.6.72 Cell.Nokia.UMTS.ptx_est

PTX RT and NRT measurement statistics

KPI Name	Expression	Data Type	Units	Description	Aggregation
ave_ptx_nrt_class_0	nok_nkcel_ptxest_tab.rcdys5pahl26seccb00hw01qk4	FLOAT	%	Estimated average transmitted power for downlink NRT users on the cell for Class 0 (unloaded area)	Average, avg, max, min, nkcttbh, nkrttbh, tot
ave_ptx_nrt_class_1	nok_nkcel_ptxest_tab.rcfsstahl26seccb00hw01qk4	FLOAT	%	Estimated average transmitted power for downlink NRT users on the cell for Class 1 (feasible load area 1)	Average, avg, max, min, nkcttbh, nkrttbh, tot
ave_ptx_nrt_class_2	nok_nkcel_ptxest_tab.rche32pahl26seccb00hw01qk4	FLOAT	%	Estimated average transmitted power for downlink NRT users on the cell for Class 2 (feasible load area 2)	Average, avg, max, min, nkcttbh, nkrttbh, tot
ave_ptx_nrt_class_3	nok_nkcel_ptxest_tab.rciqu4dahl26seccb00hw01qk4	FLOAT	%	Estimated average transmitted power for downlink NRT users on the cell for Class 3 (marginal load area)	Average, avg, max, min, nkcttbh, nkrttbh, tot
ave_ptx_nrt_class_4	nok_nkcel_ptxest_tab.rck5ftlahl26seccb00hw01qk4	FLOAT	%	Estimated average transmitted power	Average, avg, max,

				for downlink NRT users on the cell for Class 4 (overload area)	min, nkcttbh, nkrttbh, tot
ave_ptx_rt_class_0	nok_nkcel_ptxest_tab.rc3kejdahl26seccb00hw01qk4	FLOAT	%	Estimated average transmitted power for downlink RT users on the cell for Class 0 (unloaded area)	Average, avg, max, min, nkcttbh, nkrttbh, tot
ave_ptx_rt_class_1	nok_nkcel_ptxest_tab.rc4y1opahl26seccb00hw01qk4	FLOAT	%	Estimated average transmitted power for downlink RT users on the cell for Class 1 (feasible load area 1)	Average, avg, max, min, nkcttbh, nkrttbh, tot
ave_ptx_rt_class_2	nok_nkcel_ptxest_tab.rc6l1a2ahl26seccb00hw01qk4	FLOAT	%	Estimated average transmitted power for downlink RT users on the cell for Class 2 (feasible load area 2)	Average, avg, max, min, nkcttbh, nkrttbh, tot
ave_ptx_rt_class_3	nok_nkcel_ptxest_tab.rcb1jddahl26seccb00hw01qk4	FLOAT	%	Estimated average transmitted power for downlink RT users on the cell for Class 3 (marginal load area)	Average, avg, max, min, nkcttbh, nkrttbh, tot
ave_ptx_rt_class_4	nok_nkcel_ptxest_tab.rccjo46ahl26seccb00hw01qk4	FLOAT	%	Estimated average transmitted power for downlink RT users on the cell for Class 4 (overload area)	Average, avg, max, min, nkcttbh, nkrttbh, tot
ptx_nrt_denom_0	nok_nkcel_ptxest_tab.rcf1lmxahl26seccb00hw01qk4	INT8	#	Denominator for PTX NRT Class 0 (unloaded area)	Sum, nkcttbh, nkrttbh, tot
ptx_nrt_denom_1	nok_nkcel_ptxest_tab.rcgk5gxahl26seccb00hw01qk4	INT8	#	Denominator for PTX NRT Class 1 (feasible load area	Sum, nkcttbh, nkrttbh,

				1)	tot
ptx_nrt_denom_2	nok_nkcel_ptxest_tab.rci1r3xahl26seccb00hw01qk4	INT8	#	Denominator for PTX NRT Class 2 (feasible load area 2)	Sum, nkcttbh, nkrttbh, tot
ptx_nrt_denom_3	nok_nkcel_ptxest_tab.rcjh41hahl26seccb00hw01qk4	INT8	#	Denominator for PTX NRT Class 3 (marginal load area)	Sum, nkcttbh, nkrttbh, tot
ptx_nrt_denom_4	nok_nkcel_ptxest_tab.rckwt4hahl26seccb00hw01qk4	INT8	#	Denominator for PTX NRT Class 4 (overload area)	Sum, nkcttbh, nkrttbh, tot
ptx_rt_denom_0	nok_nkcel_ptxest_tab.rc4btlpahl26seccb00hw01qk4	INT8	#	Denominator for PTX RT Class 0 (unloaded area)	Sum, nkcttbh, nkrttbh, tot
ptx_rt_denom_1	nok_nkcel_ptxest_tab.rc5tt4dahl26seccb00hw01qk4	INT8	#	Denominator for PTX RT Class 1 (feasible load area 1)	Sum, nkcttbh, nkrttbh, tot
ptx_rt_denom_2	nok_nkcel_ptxest_tab.rcabxo2ahl26seccb00hw01qk4	INT8	#	Denominator for PTX RT Class 2 (feasible load area 2)	Sum, nkcttbh, nkrttbh, tot
ptx_rt_denom_3	nok_nkcel_ptxest_tab.rcbtks6ahl26seccb00hw01qk4	INT8	#	Denominator for PTX RT Class 3 (marginal load area)	Sum, nkcttbh, nkrttbh, tot
ptx_rt_denom_4	nok_nkcel_ptxest_tab.rcdakf2ahl26seccb00hw01qk4	INT8	#	Denominator for PTX RT Class 4 (overload area)	Sum, nkcttbh, nkrttbh, tot

This edition applies to IBM® Tivoli® Netcool® Performance Manager for Wireless and to all subsequent releases and modifications until otherwise indicated in new editions.

6.6.73 Cell.Nokia.UMTS.ptxtargetps

PTX Target PS statistics.

KPI Name	Expression	Data Type	Units	Description	Aggregation
average_ptxtarg_etps	nok_nkcel_ptxtgtps_tab.uaqacpx1im2ahsxr0035xkcuai	FLOAT	#	The average target threshold PtxTargetPS value during the measurement period. The PtxTargetPS value is adjusted dynamically based on the measurement reports received from the BTS.	Average, avg, max, min, nkcttbh, nkrttbh, tot
maximum_ptxtarg_etps	nok_nkcel_ptxtgtps_tab.uaqacpv1im2ahsxr0035xkcuai	FLOAT	#	The maximum target threshold PtxTargetPS value during the measurement period. The PtxTargetPS value is adjusted dynamically based on the measurement reports received from the BTS.	Constant, avg, max, min, nkcttbh, nkrttbh, tot
minimum_ptxtarg_etps	nok_nkcel_ptxtgtps_tab.uaqacpt1im2ahsxr0035xkcuai	FLOAT	#	The minimum target threshold PtxTargetPS value during the measurement period. The PtxTargetPS value is adjusted dynamically based on the measurement reports received from the BTS.	Minimum, avg, max, min, nkcttbh, nkrttbh, tot
ptxtarg_etps_denom	nok_nkcel_ptxtgtps_tab.uaqacq01im2ahsxr0035xkcuai	INTEGER	#	The number of samples for target threshold	Sum, nkcttbh, nkrttbh,

				PtxTargetPS measurement.	tot

6.6.74 Cell.Nokia.UMTS.ptxtotal

PTXTotal measurement statistics

KPI Name	Expression	Data Type	Units	Description	Aggregation
active_non_hsdpa_power_denominator	nok_nkcel_ptxtot_tab.rcvchpxahl26seccb00hw01qk4	INT8	#	The denominator for the average active non- HSDPA power ratio.	Sum, nkcttbh, nkrttbh, tot
ave_hspa_dl_power	nok_nkcel_ptxtot_tab.uaqacq61im2ahsxr0035xkcuai	FLOAT	dBm	The average used HSPA power during the measurement period. The used HSPA power is calculated from the difference between PtxTotal and PtxNonHSPA (or PtxNonHSDPA) values.	Average, avg, max, min, nkcttbh, nkrttbh, tot
ave_ptxtot_class_0	nok_nkcel_ptxtot_tab.rclntmdahl26seccb00hw01qk4	FLOAT	100dBm	Average PtxTotal in relation to the unloaded area	Average, avg, max, min, nkcttbh, nkrttbh, tot
ave_ptxtot_class_1	nok_nkcel_ptxtot_tab.rcn3hhpahl26seccb00hw01qk4	FLOAT	100dBm	Average PtxTotal in relation to the feasible load area 1	Average, avg, max, min, nkcttbh, nkrttbh, tot

ave_ptxtot_class_2	nok_nkcel_ptxtot_tab.rconnwtahl26seccb00hw01qk4	FLOAT	100dBm	Average PtxTotal in relation to the feasible load area 2	Average, avg, max, min, nkcttbh, nkrttbh, tot
ave_ptxtot_class_3	nok_nkcel_ptxtot_tab.rcq5a46ahl26seccb00hw01qk4	FLOAT	100dBm	Average PtxTotal in relation to the marginal load area	Average, avg, max, min, nkcttbh, nkrttbh, tot
ave_ptxtot_class_4	nok_nkcel_ptxtot_tab.rcrq6cdahl26seccb00hw01qk4	FLOAT	100dBm	Average PtxTotal in relation to the overload area	Average, avg, max, min, nkcttbh, nkrttbh, tot
average_ratio_between_non_hsdpa_power_and_the_maximum_power	nok_nkcel_ptxtot_tab.rct4rjhahl26seccb00hw01qk4	FLOAT	%	Transmitted carrier power of all codes not used for HS-PDSCH or HS-SCCH transmission is the ratio between the total transmitted power of all codes not used for HS-PDSCH or HS-SCCH transmission on one DL carrier from one UTRAN access point, and the maximum transmission power possible to use on that DL carrier at that moment.	Average, avg, max, min, nkcttbh, nkrttbh, tot
average_ratio_for_active_non_hsdpa_power_and_the_maximum_power	nok_nkcel_ptxtot_tab.rculi5hahl26seccb00hw01qk4	FLOAT	%	This counter gives the average active non- HSDPA power ratio. Transmitted carrier power of all codes not used for	Average, avg, max, min, nkcttbh, nkrttbh, tot

				HS-PDSCH or HS-SCCH transmission is the ratio between the total transmitted power of all codes not used for HS-PDSCH or HS-SCCH transmission on one DL carrier from one UTRAN access point, and the maximum transmission power possible to use on that DL carrier at that moment.	
avg_downlink_load_dbm	nok_nkcel_ptxtot_tab.rcxhlqdahl26seccb00hw01qk4	FLOAT	dBm	Average transmitted downlink power [dBm] shows the downlink loading of a cell over the reporting period. This measurement is based on Cell Resource measurement, where the total transmitted power of a cell is measured. See RNC Counters - RNW Part in Nokia WCDMA RNC Product Documentation. Method: Convert all dbm values to mW before reconvert it back to dBm again.	Average, avg, max, min, nkcttbh, nkrttbh, tot

				Note: This is based on Nokia WCDMA RAN KPI document. It has been decided to put into the normal 1-2-1 KPI group due to lengthy reference names was used.	
hspa_dl_power_samples	nok_nkcel_ptxtot_tab.uaqacqb1im2ahsxr0035xkcuai	INTEGER	#	The number of samples for the used HSPA power measurement.	Sum, avg, max, min, nkcttbh, nkrttbh, tot
max_hspa_dl_power	nok_nkcel_ptxtot_tab.uaqacq41im2ahsxr0035xkcuai	FLOAT	dBm	The maximum used HSPA power during the measurement period. The used HSPA power is calculated from the difference between PtxTotal and PtxNonHSPA (or PtxNonHSDPA) values.	Constant, avg, max, min, nkcttbh, nkrttbh, tot
maximum_ptxtotal	nok_nkcel_ptxtot_tab.rcvyvtdahl26seccb00hw01qk4	FLOAT	dBm	The maximum PtxTotal value during the measurement period.	Constant, avg, max, min, nkcttbh, nkrttbh, tot
min_hspa_dl_power	nok_nkcel_ptxtot_tab.uaqacq21im2ahsxr0035xkcuai	FLOAT	dBm	The minimum used HSPA power during the measurement period. The used HSPA power is calculated from the difference between PtxTotal and PtxNonHSPA (or	Minimum, avg, max, min, nkcttbh, nkrttbh, tot

				PtxNonHSDPA) values	
minimum_ptxtotal	nok_nkcel_ptxtot_tab.rcwpothahl26seccb00hw01qk4	FLOAT	dBm	The minimum PtxTotal value during the measurement period.	Minimum, avg, max, min, nkcttbh, nkrttbh, tot
non_hsdpa_power_denominator	nok_nkcel_ptxtot_tab.rcttsi6ahl26seccb00hw01qk4	INT8	#	The denominator for the average non-HSDPA power ratio.	Sum, nkcttbh, nkrttbh, tot
ptxtot_denom_0	nok_nkcel_ptxtot_tab.rcmf4ihahl26seccb00hw01qk4	INT8	#	Denominator for PtxTotal Class 0	Sum, nkcttbh, nkrttbh, tot
ptxtot_denom_1	nok_nkcel_ptxtot_tab.rcnvjipahl26seccb00hw01qk4	INT8	#	Denominator for PtxTotal Class 1	Sum, nkcttbh, nkrttbh, tot
ptxtot_denom_2	nok_nkcel_ptxtot_tab.rcpger2ahl26seccb00hw01qk4	INT8	#	Denominator for PtxTotal Class 2	Sum, nkcttbh, nkrttbh, tot
ptxtot_denom_3	nok_nkcel_ptxtot_tab.rcqweqdahl26seccb00hw01qk4	INT8	#	Denominator for PtxTotal Class 3	Sum, nkcttbh, nkrttbh, tot
ptxtot_denom_4	nok_nkcel_ptxtot_tab.rcsgynpahl26seccb00hw01qk4	INT8	#	Denominator for PtxTotal Class 4	Sum, nkcttbh, nkrttbh, tot

6.6.75 Cell.Nokia.UMTS.rab.access_complete

RAB access complete measurements

This edition applies to IBM® Tivoli® Netcool® Performance Manager for Wireless and to all subsequent releases and modifications until otherwise indicated in new editions.

KPI Name	Expression	Data Type	Units	Description	Aggregation
rab_access_complete_cs_amr_multimode	nok_rab_acc_comp_tab.wlieks4afq2ahdvuj02uauibev	INTEGER	#	Number of RAB access completions for CS AMR Multimode calls.	Sum, nkcttbh, nkrttbh, tot

6.6.76 Cell.Nokia.UMTS.rab.active_complete_cs_data

RAB - Active completions for CS voice and data service statistics

KPI Name	Expression	Data Type	Units	Description	Aggregation
rab_act_comp_for_cs_stream_guar_bit_rate_dl	nok_nkcel_rabaccmpcsdat_tab.rd6uyi2ahl26seccb00hw01qk4	INT8	#	The number of RAB active completions for CS streaming calls in case resources for the RAB are reserved according to guaranteed bit rate DL defined in RAB parameters . Possible only for CS non-transparent data in streaming class.	Sum, nkcttbh, nkrttbh, tot
rab_act_comp_for_cs_stream_guar_bit_rate_ul	nok_nkcel_rabaccmpcsdat_tab.rd6b0jtahl26seccb00hw01qk4	INT8	#	The number of RAB active completions for CS streaming calls in case resources for the RAB are reserved according to the guaranteed bit rate in uplink.	Sum, nkcttbh, nkrttbh, tot
rab_active_complete_cs_conversational_64	nok_nkcel_rabaccmpcsdat_tab.rd3veodahl26seccb00hw01qk4	INT8	#	The number of RAB active completions and active releases for CS Conversational 64 kbps.	Sum, nkcttbh, nkrttbh, tot

rab_active_complete_cs_streaming_14_4	nok_nkcel_rabaccmpcsdat_tab.rd4n02xahl26seccb00hw01qk4	INT8	#	The number of RAB active completions and active releases for CS Streaming 14.4 kbps.	Sum, nkcttbh, nkrttbh, tot
rab_active_complete_cs_streaming_57_6	nok_nkcel_rabaccmpcsdat_tab.rd5lmttahl26seccb00hw01qk4	INT8	#	The number of RAB active completions and active releases for CS Streaming 57.6 kbps.	Sum, nkcttbh, nkrttbh, tot
rab_active_completions_for_cs_data_conv	nok_nkcel_rabaccmpcsdat_tab.rd00dkhahl26seccb00hw01qk4	INT8	#	A number of RAB active completions for CS data calls with conversational class	Sum, nkcttbh, nkrttbh, tot
rab_active_completions_for_cs_data_stream	nok_nkcel_rabaccmpcsdat_tab.rd0va2pahl26seccb00hw01qk4	INT8	#	A number of RAB active completions for CS data calls with streaming class	Sum, nkcttbh, nkrttbh, tot
rab_active_completions_for_cs_voice	nok_nkcel_rabaccmpcsdat_tab.rcy66jdahl26seccb00hw01qk4	INT8	#	A number of RAB active completions for CS voice calls	Sum, nkcttbh, nkrttbh, tot
rab_active_completions_in_same_cell_for_cs_data_conv	nok_nkcel_rabaccmpcsdat_tab.rd2hmjtahl26seccb00hw01qk4	INT8	#	The number of normal completions of RAB active phases for CS data conversational, when the RAB is established and released in the same cell.	Sum, nkcttbh, nkrttbh, tot
rab_active_completions_in_same_cell_for_cs_data_stream	nok_nkcel_rabaccmpcsdat_tab.rd36ppxahl26seccb00hw01qk4	INT8	#	The number of normal completions of RAB active	Sum, nkcttbh, nkrttbh,

				phases for CS data streaming, when the RAB is established and released in the same cell.	tot
rab_active_completions_in_same_cell_for_cs_voice	nok_nkcel_rabaccmpcsdat_tab.rd1oh1tahl26seccb00hw01qk4	INT8	#	The number of normal completions of RAB active phases for CS voice, when the RAB is established and released in the same cell.	Sum, nkcttbh, nkrttbh, tot

6.6.77 Cell.Nokia.UMTS.rab.active_complete_ps_data

RAB - Active completions for PS data service statistics

KPI Name	Expression	Data Type	Units	Description	Aggregation
rab_act_comp_for_ps_call_using_iphc_conv_class	nok_nkcel_rabaccmppsdat_tab.rdd2xulahl26seccb00hw01qk4	INT8	#	- Obsolete in RN2.2 - number of RAB active completions for the PS data calls with conversational class using RFC2507 IP header compression.	Sum, nkcttbh, nkrttbh, tot
rab_act_comp_for_ps_call_using_iphc_stream_class	nok_nkcel_rabaccmppsdat_tab.rddpaypahl26seccb00hw01qk4	INT8	#	- Obsolete in RN2.2 - The number of RAB active completions for the PS data calls with streaming class using RFC2507 IP header compression.	Sum, nkcttbh, nkrttbh, tot
rab_act_comp_for_ps_call_using_rohc_conv_class	nok_nkcel_rabaccmppsdat_tab.rdedo66ahl26seccb00hw01qk4	INT8	#	- Obsolete in RN2.2 - The number of RAB active completions for the PS data calls with conversational class	Sum, nkcttbh, nkrttbh, tot

				using ROHC IP header compression.	
rab_act_comp_for_ps_call_using_rohc_stream_class	nok_nkcel_rabaccmppsdat_tab.rdf12rpahl26seccb00hw01qk4	INT8	#	- Obsolete in RN2.2 - The number of RAB active completions for the PS data calls with streaming class using ROHC IP header compression.	Sum, nkcttbh, nkrttbh, tot
rab_act_comp_for_ps_stream_guar_bit_rate_dl	nok_nkcel_rabaccmppsdat_tab.rdrn3vtahl26seccb00hw01qk4	INT8	#	The number of RAB active completions for PS streaming calls in which resources for the RAB are reserved according to the guaranteed bit rate in downlink. Possible only for PS RT data in streaming class.	Sum, nkcttbh, nkrttbh, tot
rab_act_comp_for_ps_stream_guar_bit_rate_ul	nok_nkcel_rabaccmppsdat_tab.rdqqj0pahl26seccb00hw01qk4	INT8	#	The number of RAB active completions for PS streaming calls in case resources for the RAB are reserved according to the guaranteed bit rate in uplink. Possible only for PS RT data in streaming class.	Sum, nkcttbh, nkrttbh, tot
rab_active_complete_ps_nrt_128_128	nok_nkcel_rabaccmppsdat_tab.rdnl30pahl26seccb00h	INT8	#	The number of RAB active	Sum, nkcttbh,

	w01qk4			completions and active releases for PS NRT RAB with a bit rate of 128 kbps uplink/ 128 kbps downlink.	nkrttbh, tot
rab_active_complete_ps_nrt_128_256	nok_nkcel_rabaccmppsdat_tab.uaqact41im2ahsxr0035xkcuai	INTEGER	#	The number of RAB active completions and active releases for PS NRT RAB with a bitrate of 128 kbps uplink/ 256 kbps downlink.	Sum, nkcttbh, nkrttbh, tot
rab_active_complete_ps_nrt_128_384	nok_nkcel_rabaccmppsdat_tab.rdoceyhahl26seccb00hw01qk4	INT8	#	The number of RAB active completions and active releases for PS NRT RAB with a bit rate of 128 kbps uplink/ 384 kbps downlink.	Sum, nkcttbh, nkrttbh, tot
rab_active_complete_ps_nrt_128_64	nok_nkcel_rabaccmppsdat_tab.rdmth2tahl26seccb00hw01qk4	INT8	#	The number of RAB active completions and active releases for PS NRT RAB with a bit rate of 128 kbps uplink/ 64 kbps downlink.	Sum, nkcttbh, nkrttbh, tot
rab_active_complete_ps_nrt_384_384	nok_nkcel_rabaccmppsdat_tab.rdpblixahl26seccb00hw01qk4	INT8	#	The number of RAB active completions and active releases for PS NRT RAB with a bit rate of 384 kbps uplink/ 384 kbps downlink.	Sum, nkcttbh, nkrttbh, tot
rab_active_complete_ps_nrt_384_64	nok_nkcel_rabaccmppsdat_tab.rdpyqkpahl26seccb00hw01qk4	INT8	#	The number of RAB active completions and active releases for PS NRT RAB with	Sum, nkcttbh, nkrttbh, tot

				a bit rate of 384 kbps uplink/ 64 kbps downlink.	
rab_active_complete_ps_nrt_64_128	nok_nkcel_rabaccmppsdat_tab.rdkn40xahl26seccb00hw01qk4	INT8	#	The number of RAB active completions and active releases for PS NRT RAB with a bit rate of 64 kbps uplink/ 128 kbps downlink.	Sum, nkcttbh, nkrttbh, tot
rab_active_complete_ps_nrt_64_256	nok_nkcel_rabaccmppsdat_tab.rdldwepahl26seccb00hw01qk4	INT8	#	The number of RAB active completions and active releases for PS NRT RAB with a bit rate of 64 kbps uplink/ 256 kbps downlink.	Sum, nkcttbh, nkrttbh, tot
rab_active_complete_ps_nrt_64_384	nok_nkcel_rabaccmppsdat_tab.rdm1ru6ahl26seccb00hw01qk4	INT8	#	The number of RAB active completions and active releases for PS NRT RAB with a bit rate of64 kbps uplink/ 384 kbps downlink.	Sum, nkcttbh, nkrttbh, tot
rab_active_complete_ps_nrt_64_64	nok_nkcel_rabaccmppsdat_tab.rdjwjjhahl26seccb00hw01qk4	INT8	#	The number of RAB active completions and active releases for PS NRT RAB with a bit rate of 64 kbps uplink/64 kbps downlink.	Sum, nkcttbh, nkrttbh, tot
rab_active_complete_ps_streaming_16_64_guar_16_64	nok_nkcel_rabaccmppsdat_tab.rdilcq2ahl26seccb00hw01qk4	INT8	#	The number of RAB active completions and	Sum, nkcttbh, nkrttbh,

				active releases for PS Streaming RAB with a maximum bit rate of 16 kbps uplink/64 kbps downlink and a guaranteed bit rate of 16 kbps uplink/64 kbps downlink.	tot
rab_active_complete_ps_streaming_16_64_guar_8_32	nok_nkcel_rabaccmppsdat_tab.rdjb1r6ahl26seccb00hw01qk4	INT8	#	The number of RAB active completions and active releases for PS Streaming RAB with a maximum bit rate of 16 kbps uplink/64 kbps downlink and a guaranteed bit rate of 8 kbps uplink/32 kbps downlink.	Sum, nkcttbh, nkrttbh, tot
rab_active_completions_for_ps_data_backg	nok_nkcel_rabaccmppsdat_tab.rdchkrtahl26seccb00hw01qk4	INT8	#	A number of RAB active completions for PS calls with background class	Sum, nkcttbh, nkrttbh, tot
rab_active_completions_for_ps_data_conv	nok_nkcel_rabaccmppsdat_tab.rdajepdahl26seccb00hw01qk4	INT8	#	- Obsolete in RN2.2 - A number of RAB active completions for PS calls with conversational class	Sum, nkcttbh, nkrttbh, tot
rab_active_completions_for_ps_data_intera	nok_nkcel_rabaccmppsdat_tab.rdbt4qdahl26seccb00hw01qk4	INT8	#	A number of RAB active completions for PS calls with interactive class	Sum, nkcttbh, nkrttbh, tot
rab_active_completions_for_ps_data_stream	nok_nkcel_rabaccmppsdat_tab.rdb5na6ahl26seccb00hw01qk4	INT8	#	A number of RAB active completions for PS calls with streaming class	Sum, nkcttbh, nkrttbh, tot
rab_active_completions_in_same_cell_for_ps_data_backg	nok_nkcel_rabaccmppsdat_tab.rdhvkklahl26seccb00hw01qk4	INT8	#	The number of normal completions of RAB active	Sum, nkcttbh, nkrttbh,

				phases for PS data background, when the RAB is established and released in the same cell.	tot
rab_active_completions_in_same_cell_for_ps_data_conv	nok_nkcel_rabaccmppsdat_tab.rdfqxbtahl26seccb00hw01qk4	INT8	#	- Obsolete in RN2.2 - The number of normal completions of RAB active phases for PS data conversational, when the RAB is established and released in the same cell.	Sum, nkcttbh, nkrttbh, tot
rab_active_completions_in_same_cell_for_ps_data_intera	nok_nkcel_rabaccmppsdat_tab.rdh5u56ahl26seccb00hw01qk4	INT8	#	The number of normal completions of RAB active phases for PS data interactive, when the RAB is established and released in the same cell.	Sum, nkcttbh, nkrttbh, tot
rab_active_completions_in_same_cell_for_ps_data_stream	nok_nkcel_rabaccmppsdat_tab.rdgie22ahl26seccb00hw01qk4	INT8	#	The number of normal completions of RAB active phases for PS data streaming, when the RAB is established and released in the same cell.	Sum, nkcttbh, nkrttbh, tot

6.6.78 Cell.Nokia.UMTS.rab.active_failure_cs_data

RAB - Active failures for CS data service statistics

KPI Name	Expression	Data	Units	Description	Aggregati

		Type			on
_%_rab_active_fail_cs_conv	100 * {tot_rab_active_fail_cs_conv}/ {Nokia.rab.setup_access_complete.rab_access_completions_for_cs_data_conv}	FLOAT	%	Percentage of RAB active failures for CS data calls with conversational class.	Average, avg, nkcttbh, nkrttbh
_%_rab_active_fail_cs_stream	100 * {tot_rab_active_fail_cs_stream}/ {Nokia.rab.setup_access_complete.rab_access_completions_for_cs_data_stream}	FLOAT	%	Percentage of RAB active failures for CS data calls with streaming class.	Average, avg, nkcttbh, nkrttbh
rab_act_fail_for_cs_data_call_stream_class_due_to_integrity_check	nok_nkcel_rabacflcsdat_tab.re0k1ntahl26seccb00hw01qk4	INT8	#	A number of RAB active failures for CS data calls with streaming class caused by an integrity check failure	Sum, nkcttbh, nkrttbh, tot
rab_act_fail_for_cs_data_conv_class_call_due_to_integrity_check	nok_nkcel_rabacflcsdat_tab.rdvb0clahl26seccb00hw01qk4	INT8	#	A number of RAB active failures for CS data calls with conversational class caused by an integrity check failure	Sum, nkcttbh, nkrttbh, tot
rab_active_failures_due_to_bts_for_cs_data_conv	nok_nkcel_rabacflcsdat_tab.rdtsbxxahl26seccb00hw01qk4	INT8	#	A number of RAB active failures for CS data calls with conservational class caused by a BTS	Sum, nkcttbh, nkrttbh, tot
rab_active_failures_due_to_bts_for_cs_data_stream	nok_nkcel_rabacflcsdat_tab.rdy3frpahl26seccb00hw01qk4	INT8	#	A number of RAB active failures for CS data calls with streaming class caused by a BTS	Sum, nkcttbh, nkrttbh, tot
rab_active_failures_due_to_iu_for_cs_data_conv	nok_nkcel_rabacflcsdat_tab.rdsdm6xahl26seccb00hw01qk4	INT8	#	A number of RAB active failures for CS data calls with conversational class	Sum, nkcttbh, nkrttbh, tot

				caused by the IU interface. When for example, the signalling connection between RNC and CN fails	
rab_active_failures_due_to_iu_for_cs_data_stream	nok_nkcel_rabacflcsdat_tab.rdwpg3dahl26seccb00hw01qk4	INT8	#	A number of RAB active failures for CS data calls with streaming class caused by the IU interface. When for example, the signalling connection between RNC and CN fails	Sum, nkcttbh, nkrttbh, tot
rab_active_failures_due_to_iur_for_cs_data_conv	nok_nkcel_rabacflcsdat_tab.rdukjntahl26seccb00hw01qk4	INT8	#	A number of RAB active failures for CS data calls with conversational class caused by the IUR interface. When for example, the SRNC relocation procedure fails due to the IUR interface	Sum, nkcttbh, nkrttbh, tot
rab_active_failures_due_to_iur_for_cs_data_stream	nok_nkcel_rabacflcsdat_tab.rdysv5xahl26seccb00hw01qk4	INT8	#	A number of RAB active failures for CS data calls with streaming class caused by the IUR interface. When for example, the SRNC relocation procedure fails due to the IUR interface	Sum, nkcttbh, nkrttbh, tot
rab_active_failures_due_to_radio_int_	nok_nkcel_rabacflcsdat_tab.rdt1uthahl26seccb00hw0	INT8	#	A number of RAB active failures for	Sum, nkcttbh,

for_cs_data_conv	1qk4			CS data calls with conservational class caused by the radio interface	nkrttbh, tot
rab_active_failures_due_to_radio_int_for_cs_data_stream	nok_nkcel_rabacflcsdat_tab.rdxgkhlahl26seccb00hw01qk4	INT8	#	A number of RAB active failures for CS data calls with streaming class caused by the radio interface	Sum, nkcttbh, nkrttbh, tot
rab_active_failures_due_to_rnc_for_cs_data_conv	nok_nkcel_rabacflcsdat_tab.rdvyfihahl26seccb00hw01qk4	INT8	#	A number of RAB active failures for CS data calls with conversational class caused by RNCs internal reasons	Sum, nkcttbh, nkrttbh, tot
rab_active_failures_due_to_rnc_for_cs_data_stream	nok_nkcel_rabacflcsdat_tab.re1bdgxahl26seccb00hw01qk4	INT8	#	A number of RAB active failures for CS data calls with streaming class caused by RNCs internal reasons	Sum, nkcttbh, nkrttbh, tot
rab_active_failures_due_to_ue_for_cs_data_conv	nok_nkcel_rabacflcsdat_tab.re1yr3xahl26seccb00hw01qk4	INT8	#	Number of RAB active failures caused by UE for CS data conversational.	Sum, nkcttbh, nkrttbh, tot
rab_active_failures_due_to_ue_for_cs_data_stream	nok_nkcel_rabacflcsdat_tab.re2q2ltahl26seccb00hw01qk4	INT8	#	Number of RAB active failures caused by UE for CS data streaming.	Sum, nkcttbh, nkrttbh, tot
tot_rab_active_fail_cs_conv	({rab_active_failures_due_to_iu_for_cs_data_conv}+ {rab_active_failures_due_to_radio_int_for_cs_data_conv}+ {rab_active_failures_due_to_bts_for_cs_data_conv}+ {rab_active_failures_due_to_iur_for_cs_data_conv}+ {rab_act_fail_for_cs_data_conv_class_call_due_to_int	INT8	#	Total number of RAB active failures for CS data calls with conversational class.	Sum, nkcttbh, nkrttbh, tot

	egrity_check}+ {rab_active_failures_due_to_ue_for_cs_data_conv}+ {rab_active_failures_due_to_rnc_for_cs_data_conv})				
tot_rab_active_fail_cs_stream	({rab_active_failures_due_to_iu_for_cs_data_stream}+ {rab_active_failures_due_to_radio_int_for_cs_data_stream}+ {rab_active_failures_due_to_bts_for_cs_data_stream} + {rab_active_failures_due_to_iur_for_cs_data_stream} + {rab_act_fail_for_cs_data_call_stream_class_due_to_integrity_check}+ {rab_active_failures_due_to_rnc_for_cs_data_stream} + {rab_active_failures_due_to_ue_for_cs_data_stream})	INT8	#	Total number of RAB active failures for CS data calls with streaming class.	Sum, nkcttbh, nkrttbh, tot

6.6.79 Cell.Nokia.UMTS.rab.active_failure_cs_voice

RAB - Active failures for CS voice service statistics

KPI Name	Expression	Data Type	Units	Description	Aggregation
_%_rab_active_fail_cs_voice	100 * ({rab_active_failures_due_to_iu_for_cs_voice}+ {rab_active_failures_due_to_radio_int_for_cs_voice} + {rab_active_failures_due_to_bts_for_cs_voice}+	FLOAT	%	Percentage of RAB active failures for CS voice calls.	Average, avg, nkcttbh, nkrttbh

	{rab_active_failures_due_to_iur_for_cs_voice}+ {rab_act_fail_for_cs_voice_call_due_to_integrity_check}+ {rab_active_failures_due_to_rnc_for_cs_voice}+ {rab_active_failures_due_to_ue_for_cs_voice})/ {Nokia.rab.setup_access_complete.rab_access_completions_for_cs_voice}				
rab_act_fail_for_cs_voice_call_due_to_integrity_check	nok_nkcel_rabacflcsvoi_tab.recdsmhahl26seccb00hw01qk4	INT8	#	A number of RAB active failures for CS voice calls caused by an integrity check failure	Sum, nkcttbh, nkrttbh, tot
rab_active_failures_due_to_bts_for_cs_voice	nok_nkcel_rabacflcsvoi_tab.rearu1pahl26seccb00hw01qk4	INT8	#	A number of RAB active failures for CS voice calls caused by a BTS	Sum, nkcttbh, nkrttbh, tot
rab_active_failures_due_to_iu_for_cs_voice	nok_nkcel_rabacflcsvoi_tab.re6dax2ahl26seccb00hw01qk4	INT8	#	A number of RAB active failures for CS voice calls caused by the IU interface. When for example, the signalling connections between the RNC and CN fails	Sum, nkcttbh, nkrttbh, tot
rab_active_failures_due_to_iur_for_cs_voice	nok_nkcel_rabacflcsvoi_tab.rebmw4pahl26seccb00hw01qk4	INT8	#	A number of RAB active failures for CS voice calls caused by the IUR interface. When for example, the SRNC relocation procedure fails because of the IUR interface	Sum, nkcttbh, nkrttbh, tot
rab_active_failures	nok_nkcel_rabacflcsvoi_ta	INT8	#	A number of RAB	Sum,

_due_to_radio_int_for_cs_voice	b.rea1g4tahl26seccb00hw01qk4			active failures for CS voice calls due to the radio interface	nkcttbh, nkrttbh, tot
rab_active_failures_due_to_rnc_for_cs_voice	nok_nkcel_rabacflcsvoi_tab.red1lvxahl26seccb00hw01qk4	INT8	#	A number of RAB active failures for CS voice calls caused by RNCs internal reasons. Includes also ciphering failures	Sum, nkcttbh, nkrttbh, tot
rab_active_failures_due_to_ue_for_cs_voice	nok_nkcel_rabacflcsvoi_tab.redsugpahl26seccb00hw01qk4	INT8	#	Number of RAB active failures caused by UE for CS voice.	Sum, nkcttbh, nkrttbh, tot
tot_rab_active_fail_cs_voice	({rab_active_failures_due_to_iu_for_cs_voice}+ {rab_active_failures_due_to_radio_int_for_cs_voice} + {rab_active_failures_due_to_bts_for_cs_voice}+ {rab_active_failures_due_to_iur_for_cs_voice}+ {rab_act_fail_for_cs_voice_call_due_to_integrity_check}+ {rab_active_failures_due_to_rnc_for_cs_voice}+ {rab_active_failures_due_to_ue_for_cs_voice})	INT8	#	Total number of RAB active failures for CS voice calls.	Sum, nkcttbh, nkrttbh, tot

6.6.80 Cell.Nokia.UMTS.rab.active_failure_ps_data

RAB - Active failures for PS data service statistics

KPI Name	Expression	Data Type	Units	Description	Aggregation

_%_rab_active_failures_for_all_causes_for_ps	100 * {tot_rab_active_failures_for_all_causes_for_ps}/ {Nokia.rab.setup_access_complete.tot_rab_access_completions_all_ps}	FLOAT	#	Percentage of RAB active failures for PS data.	Average, avg, nkcttbh, nkrttbh
rab_act_fail_for_ps_data_call_backg_class_due_to_integrity_check	nok_nkcel_rabacflpssat_tab.rewaespahl26seccb00hw01qk4	INT8	#	A number of RAB active failures for PS data calls with background class caused by an integrity check failure	Sum, nkcttbh, nkrttbh, tot
rab_act_fail_for_ps_data_call_conv_class_due_to_integrity_check	nok_nkcel_rabacflpssat_tab.reitwspahl26seccb00hw01qk4	INT8	#	- Obsolete in RN2.2 - A number of RAB active failures for PS data calls with conservational class caused by an integrity check failure	Sum, nkcttbh, nkrttbh, tot
rab_act_fail_for_ps_data_call_intera_class_due_to_integrity_check	nok_nkcel_rabacflpssat_tab.rerjdglahl26seccb00hw01qk4	INT8	#	A number of RAB active failures for PS data calls with interactive class caused by an integrity check failure	Sum, nkcttbh, nkrttbh, tot
rab_act_fail_for_ps_data_call_stream_class_due_to_integrity_check	nok_nkcel_rabacflpssat_tab.ren52g2ahl26seccb00hw01qk4	INT8	#	A number of RAB active failures for PS data calls with streaming class caused by an integrity check failure	Sum, nkcttbh, nkrttbh, tot
rab_active_failures_due_to_bts_for_ps_data_backg	nok_nkcel_rabacflpssat_tab.reur5oxahl26seccb00hw01qk4	INT8	#	A number of RAB active failures for PS data calls with background class caused by a BTS	Sum, nkcttbh, nkrttbh, tot
rab_active_failures_due_to_bts_for_ps	nok_nkcel_rabacflpssat_tab.reheo26ahl26seccb00hw01	INT8	#	- Obsolete in RN2.2 - A number of RAB	Sum, nkcttbh,

_data_conv	qk4			active failures for PS data calls with conservational class caused by a BTS	nkrttbh, tot
rab_active_failures _due_to_bts_for_ps _data_intera	nok_nkcel_rabacflpssat_tab .req2fblahl26seccb00hw01 qk4	INT8	#	A number of RAB active failures for PS data calls with interactive class caused by a BTS	Sum, nkcttbh, nkrttbh, tot
rab_active_failures _due_to_bts_for_ps _data_stream	nok_nkcel_rabacflpssat_tab .relqk2pahl26seccb00hw01 qk4	INT8	#	A number of RAB active failures for PS data calls with streaming class caused by a BTS	Sum, nkcttbh, nkrttbh, tot
rab_active_failures _due_to_iu_for_ps _data_backg	nok_nkcel_rabacflpssat_tab .resxemhahl26seccb00hw0 1qk4	INT8	#	A number of RAB active failures for PS data calls with background class caused by the IU interface. When for example the signalling connection between the RNC and CN fails	Sum, nkcttbh, nkrttbh, tot
rab_active_failures _due_to_iu_for_ps _data_conv	nok_nkcel_rabacflpssat_tab .refxetlahl26seccb00hw01q k4	INT8	#	- Obsolete in RN2.2 - A number of RAB active failures for PS data calls with conservational class caused by the IU interface. When for example the signalling connection between the RNC and CN fails	Sum, nkcttbh, nkrttbh, tot
rab_active_failures	nok_nkcel_rabacflpssat_tab	INT8	#	A number of RAB	Sum,

_due_to_iu_for_ps_data_intera	.reon1clahl26seccb00hw01qk4			active failures for PS data calls with interactive class caused by the IU interface. When for example the signalling connection between the RNC and CN fails	nkcttbh, nkrttbh, tot
rab_active_failures_due_to_iu_for_ps_data_stream	nok_nkcel_rabacflpssat_tab.rekbr2dahl26seccb00hw01qk4	INT8	#	A number of RAB active failures for PS data calls with streaming class caused by the IU interface. When for example the signalling connection between the RNC and CN fails	Sum, nkcttbh, nkrttbh, tot
rab_active_failures_due_to_iur_for_ps_data_backg	nok_nkcel_rabacflpssat_tab.revisl2ahl26seccb00hw01qk4	INT8	#	A number of RAB active failures for PS data calls with background class caused by the IUR interface. When for example the SRNC relocation fails due to the IUR interface	Sum, nkcttbh, nkrttbh, tot
rab_active_failures_due_to_iur_for_ps_data_conv	nok_nkcel_rabacflpssat_tab.rei3002ahl26seccb00hw01qk4	INT8	#	- Obsolete in RN2.2 - A number of RAB active failures for PS data calls with conservational class caused by the IUR interface. When for example the SRNC relocation fails due to the IUR interface	Sum, nkcttbh, nkrttbh, tot
rab_active_failures_due_to_iur_for_ps_data_intera	nok_nkcel_rabacflpssat_tab.reqrdf2ahl26seccb00hw01qk4	INT8	#	A number of RAB active failures for PS data calls with	Sum, nkcttbh, nkrttbh,

				interactive class caused by the IUR interface. When for example the SRNC relocation fails due to the IUR interface	tot
rab_active_failures_due_to_iur_for_ps_data_stream	nok_nkcel_rabacflpssat_tab.remhcqlahl26seccb00hw01qk4	INT8	#	A number of RAB active failures for PS data calls with streaming class caused by the IUR interface. When for example the SRNC relocation fails due to the IUR interface	Sum, nkcttbh, nkrttbh, tot
rab_active_failures_due_to_radio_int_for_ps_data_backg	nok_nkcel_rabacflpssat_tab.reu0cb2ahl26seccb00hw01qk4	INT8	#	A number of RAB active failures for PS data calls with background class caused by a radio interface	Sum, nkcttbh, nkrttbh, tot
rab_active_failures_due_to_radio_int_for_ps_data_conv	nok_nkcel_rabacflpssat_tab.regohctahl26seccb00hw01qk4	INT8	#	- Obsolete in RN2.2 - A number of RAB active failures for PS data calls with conservational class caused by a radio interface	Sum, nkcttbh, nkrttbh, tot
rab_active_failures_due_to_radio_int_for_ps_data_intera	nok_nkcel_rabacflpssat_tab.repe1spahl26seccb00hw01qk4	INT8	#	A number of RAB active failures for PS data calls with interactive class caused by a radio interface	Sum, nkcttbh, nkrttbh, tot
rab_active_failures_due_to_radio_int_for_ps_data_stream	nok_nkcel_rabacflpssat_tab.rel04l6ahl26seccb00hw01qk4	INT8	#	A number of RAB active failures for PS data calls with streaming class	Sum, nkcttbh, nkrttbh, tot

				caused by a radio interface	
rab_active_failures_due_to_rnc_for_ps_data_backg	nok_nkcel_rabacflpssat_tab.rewyldpahl26seccb00hw01qk4	INT8	#	A number of RAB active failures for PS data calls with background class caused by RNCs internal reasons	Sum, nkcttbh, nkrttbh, tot
rab_active_failures_due_to_rnc_for_ps_data_conv	nok_nkcel_rabacflpssat_tab.rejlbtpahl26seccb00hw01qk4	INT8	#	- Obsolete in RN2.2 - A number of RAB active failures for PS data calls with conservational class caused by RNCs internal reasons	Sum, nkcttbh, nkrttbh, tot
rab_active_failures_due_to_rnc_for_ps_data_intera	nok_nkcel_rabacflpssat_tab.resakyxahl26seccb00hw01qk4	INT8	#	A number of RAB active failures for PS data calls with interactive class caused by RNCs internal reasons	Sum, nkcttbh, nkrttbh, tot
rab_active_failures_due_to_rnc_for_ps_data_stream	nok_nkcel_rabacflpssat_tab.renv1wdahl26seccb00hw01qk4	INT8	#	A number of RAB active failures for PS data calls with streaming class caused by RNCs internal reasons	Sum, nkcttbh, nkrttbh, tot
rab_active_failures_due_to_ue_for_ps_data_backg	nok_nkcel_rabacflpssat_tab.rf0wdtdahl26seccb00hw01qk4	INT8	#	Number of RAB active failures caused by UE for PS data background.	Sum, nkcttbh, nkrttbh, tot
rab_active_failures_due_to_ue_for_ps_data_conv	nok_nkcel_rabacflpssat_tab.rexpk02ahl26seccb00hw01qk4	INT8	#	- Obsolete in RN2.2 - Number of RAB active failures caused by UE for PS data conversational.	Sum, nkcttbh, nkrttbh, tot
rab_active_failures_due_to_ue_for_ps_data_intera	nok_nkcel_rabacflpssat_tab.rf05p06ahl26seccb00hw01qk4	INT8	#	Number of RAB active failures caused by UE for	Sum, nkcttbh, nkrttbh,

				PS data interactive.	tot
rab_active_failures_due_to_ue_for_ps_data_stream	nok_nkcel_rabacflpssat_tab.reyhilpahl26seccb00hw01qk4	INT8	#	Number of RAB active failures caused by UE for PS data streaming.	Sum, nkcttbh, nkrttbh, tot
tot_active_failures_due_to_radio_int_for_ps	({rab_active_failures_due_to_radio_int_for_ps_data_conv}+ {rab_active_failures_due_to_radio_int_for_ps_data_stream}+ {rab_active_failures_due_to_radio_int_for_ps_data_intera}+ {rab_active_failures_due_to_radio_int_for_ps_data_backg})	INT8	#	Total number of RAB active failures for PS data calls caused by a radio interface	Sum, nkcttbh, nkrttbh, tot
tot_rab_act_fail_for_ps_call_conv_class_due_to_integrity_check	({rab_act_fail_for_ps_data_call_conv_class_due_to_integrity_check}+ {rab_act_fail_for_ps_data_call_stream_class_due_to_integrity_check}+ {rab_act_fail_for_ps_data_call_intera_class_due_to_integrity_check}+ {rab_act_fail_for_ps_data_call_backg_class_due_to_integrity_check})	INT8	#	Total number of RAB active failures for PS data calls caused by an integrity check failure	Sum, nkcttbh, nkrttbh, tot
tot_rab_active_failures_due_to_bts_for_ps	({rab_active_failures_due_to_bts_for_ps_data_conv}+ {rab_active_failures_due_to_bts_for_ps_data_stream} + {rab_active_failures_due_to_bts_for_ps_data_intera} + {rab_active_failures_due_t	INT8	#	Total number of RAB active failures for PS data calls caused by a BTS	Sum, nkcttbh, nkrttbh, tot

This edition applies to IBM® Tivoli® Netcool® Performance Manager for Wireless and to all subsequent releases and modifications until otherwise indicated in new editions.

	o_bts_for_ps_data_backg})				
tot_rab_active_failures_due_to_iu_for_ps	({rab_active_failures_due_to_iu_for_ps_data_conv}+ {rab_active_failures_due_to_iu_for_ps_data_stream} + {rab_active_failures_due_to_iu_for_ps_data_intera}+ {rab_active_failures_due_to_iu_for_ps_data_backg})	INT8	#	Total number of RAB active failures for PS data calls caused by the IU interface. When for example the signalling connection between the RNC and CN fails	Sum, nkcttbh, nkrttbh, tot
tot_rab_active_failures_due_to_iur_for_ps	({rab_active_failures_due_to_iur_for_ps_data_conv}+ {rab_active_failures_due_to_iur_for_ps_data_stream} + {rab_active_failures_due_to_iur_for_ps_data_intera}+ {rab_active_failures_due_to_iur_for_ps_data_backg})	INT8	#	Total number of RAB active failures for PS data calls caused by the IUR interface. When for example the SRNC relocation fails due to the IUR interface	Sum, nkcttbh, nkrttbh, tot
tot_rab_active_failures_due_to_rnc_for_ps	({rab_active_failures_due_to_rnc_for_ps_data_conv}+ {rab_active_failures_due_to_rnc_for_ps_data_stream} + {rab_active_failures_due_to_rnc_for_ps_data_intera} + {rab_active_failures_due_to_rnc_for_ps_data_backg})	INT8	#	Total number of RAB active failures for PS data calls caused by RNCs internal reasons	Sum, nkcttbh, nkrttbh, tot
tot_rab_active_failures_due_to_ue_for_ps	({rab_active_failures_due_to_ue_for_ps_data_conv}+ {rab_active_failures_due_to_ue_for_ps_data_stream} + {rab_active_failures_due_to_ue_for_ps_data_intera}+ {rab_active_failures_due_to_ue_for_ps_data_backg})	INT8	#	Total number of RAB active failures caused by UE for PS data.	Sum, nkcttbh, nkrttbh, tot
tot_rab_active_failures_for_all_causes_for_ps	({tot_rab_active_failures_due_to_iu_for_ps}+ {tot_active_failures_due_to_radio_int_for_ps}+	INT8	#	Total number of RAB active failures for PS data.	Sum, nkcttbh, nkrttbh, tot

	{tot_rab_active_failures_due_to_bts_for_ps}+ {tot_rab_active_failures_due_to_iur_for_ps}+ {tot_rab_act_fail_for_ps_call_conv_class_due_to_integrity_check}+ {tot_rab_active_failures_due_to_rnc_for_ps}+ {tot_rab_active_failures_due_to_ue_for_ps})				

6.6.81 Cell.Nokia.UMTS.rab.active_failures_ps

RAB active failure measurements

KPI Name	Expression	Data Type	Units	Description	Aggregation
rab_active_failures_for_ps_data_background_in_pch_state	nok_nkcel_mrabactflps_tab.wrica22afq2ahdvuj02uauibev	INTEGER	#	The number of RAB active failures in cell-PCH state for PS data with interactive class service.	Sum, nkcttbh, nkrttbh, tot
rab_active_failures_for_ps_data_interactive_in_pch_state	nok_nkcel_mrabactflps_tab.wrica20afq2ahdvuj02uauibev	INTEGER	#	The number of RAB active failures in cell-PCH state for PS data with background class service.	Sum, nkcttbh, nkrttbh, tot

6.6.82 Cell.Nokia.UMTS.rab.active_release_cs_data

RAB - Active releases for CS data service statistics

KPI Name	Expression	Data Type	Units	Description	Aggregation
rab_act_rel_cs_con	nok_nkcel_rabacrlcsdat_ta	INTEG	#	Number of RAB	Sum,

v_due_to_unspec_error_in_cn	b.wliektpafq2ahdvuj02uauibev	ER		active releases for CS conversational calls due to unspecified error received from CN.	nkcttbh, nkrttbh, tot
rab_act_rel_cs_stream_due_to_unspec_error_in_cn	nok_nkcel_rabacrlcsdat_tab.wliektrafq2ahdvuj02uauibev	INTEGER	#	Number of RAB active releases for CS streaming calls due to unspecified error received from CN.	Sum, nkcttbh, nkrttbh, tot
rab_act_rel_cs_stream_guar_bit_rate_dl_due_to_pre_emption	nok_nkcel_rabacrlcsdat_tab.rfgrynxahl26seccb00hw01qk4	INT8	#	The number of RAB active releases for CS streaming calls due to pre-emption when RAB has DL resources reserved according to guaranteed bit rate in downlink.	Sum, nkcttbh, nkrttbh, tot
rab_act_rel_cs_stream_guar_bit_rate_dl_due_to_srnc_reloc	nok_nkcel_rabacrlcsdat_tab.rffcnftahl26seccb00hw01qk4	INT8	#	The number of RAB active releases for CS streaming class calls due to SRNC relocation in case RAB has DL resources according to guaranteed bit rate DL in RAB parameters. NOTE! This counter includes SRNS relocations, inter-RNC intra-frequency hard handovers, inter-RNC inter-frequency hard handovers and inter-system hard handovers.	Sum, nkcttbh, nkrttbh, tot
rab_act_rel_cs_stream_guar_bit_rate_	nok_nkcel_rabacrlcsdat_tab.wliektvafq2ahdvuj02uaui	INTEGER	#	Number of RAB active releases for	Sum, nkcttbh,

dl_due_to_unspec_error_in_cn	bev			CS streaming class calls due to unspecified error received from CN in case of RAB has DL resources according to guaranteed bit rate DL in RAB parameters. This is only possible for CS non-transparent data in streaming class.	nkrttbh, tot
rab_act_rel_cs_stream_guar_bit_rate_ul_due_to_pre_emption	nok_nkcel_rabacrlcsdat_tab.rfg1i0lahl26seccb00hw01qk4	INT8	#	The number of RAB active releases for CS streaming calls due to pre-emption when RAB has UL resources reserved according to guaranteed bit rate in uplink.	Sum, nkcttbh, nkrttbh, tot
rab_act_rel_cs_stream_guar_bit_rate_ul_due_to_srnc_reloc	nok_nkcel_rabacrlcsdat_tab.rfefegpahl26seccb00hw01qk4	INT8	#	The number of RAB active releases for CS streaming class calls due to SRNC relocation in case RAB has UL resources according to guaranteed bit rate UL in RAB parameters. NOTE! This counter includes SRNS relocations, inter-RNC intra-frequency hard handovers, inter-RNC inter-	Sum, nkcttbh, nkrttbh, tot

				frequency hard handovers and inter-system hard handovers.	
rab_act_rel_cs_stream_guar_bit_rate_ul_due_to_unspec_error_in_cn	nok_nkcel_rabacrlcsdat_tab.wliekttafq2ahdvuj02uauibev	INTEGER	#	Number of RAB active releases for CS streaming class calls due to unspecified error received from CN in case of RAB has UL resources according to guaranteed bit rate UL in RAB parameters. This is only possible for CS non- transparent data in streaming class.	Sum, nkcttbh, nkrttbh, tot
rab_act_rel_cs_voice_due_to_unspec_error_in_cn	nok_nkcel_rabacrlcsdat_tab.wliektnafq2ahdvuj02uauibev	INTEGER	#	Number of RAB active releases for CS voice calls due to unspecified error received from CN.	Sum, nkcttbh, nkrttbh, tot
rab_active_releases_due_to_preemption_for_cs_data_conv	nok_nkcel_rabacrlcsdat_tab.rfc3nu2ahl26seccb00hw01qk4	INT8	#	A number of RAB active releases for CS data calls with conversational class due to pre emption	Sum, nkcttbh, nkrttbh, tot
rab_active_releases_due_to_preemption_for_cs_data_stream	nok_nkcel_rabacrlcsdat_tab.rfdn2x6ahl26seccb00hw01qk4	INT8	#	A number of RAB active releases for CS data calls with streaming class due to pre emption	Sum, nkcttbh, nkrttbh, tot
rab_active_releases_due_to_srnc_reloc_for_cs_data_conv	nok_nkcel_rabacrlcsdat_tab.rfbfluhahl26seccb00hw01qk4	INT8	#	A number of RAB active releases for CS data calls with conversational class due to SRNC relocation. Note this counter includes both SRNS	Sum, nkcttbh, nkrttbh, tot

				relocations and inter RNC intra frequency hard handovers	
rab_active_releases_due_to_srnc_reloc_for_cs_data_stream	nok_nkcel_rabacrlcsdat_tab.rfcwbxtahl26seccb00hw01qk4	INT8	#	A number of RAB active releases for CS data calls with streaming class due to SRNC relocation. Note this counter includes both SRNS relocations and inter RNC intra frequency hard handovers	Sum, nkcttbh, nkrttbh, tot

6.6.83 Cell.Nokia.UMTS.rab.active_release_cs_voice

RAB - Active releases for CS voice service statistics

KPI Name	Expression	Data Type	Units	Description	Aggregation
rab_act_rel_cs_voice_pre_lic	nok_nkcel_rabacrlcsvoi_tab.xdrxahpdmm2aicsd002uaxybdk	INTEGER	#	The number of RAB releases due to pre-emption due to capacity license exceeded for CS voice calls. Also counter M1001C144 RAB ACTIVE RELEASES DUE TO PRE-EMPTION FOR CS VOICE is updated along with this counter.	Sum, nkcttbh, nkrttbh, tot
rab_active_releases	nok_nkcel_rabacrlcsvoi_ta	INT8	#	A number of RAB	Sum,

_due_to_preemption_for_cs_voice	b.rfiaac2ahl26seccb00hw01qk4			active releases for CS voice calls due to pre emption	nkcttbh, nkrttbh, tot
rab_active_releases_due_to_srnc_reloc_for_cs_voice	nok_nkcel_rabacrlcsvoi_tab.rfhixktahl26seccb00hw01qk4	INT8	#	A number of RAB active releases for CS voice calls due to SRNC relocation. Note this counter includes both SRNS relocations and inter RNC intra frequency hard handovers	Sum, nkcttbh, nkrttbh, tot

6.6.84 Cell.Nokia.UMTS.rab.active_release_ps_data

RAB - Active releases for PS data service statistics

KPI Name	Expression	Data Type	Units	Description	Aggregation
rab_act_rel_ps_backg_due_to_unspec_error_in_cn	nok_nkcel_rabacrlpssat_tab.wlieku2afq2ahdvuj02uauibev	INTEGER	#	Number of RAB active releases for PS background class calls due to unspecified error received from CN.	Sum, nkcttbh, nkrttbh, tot
rab_act_rel_ps_interact_due_to_unspec_error_in_cn	nok_nkcel_rabacrlpssat_tab.wlieku0afq2ahdvuj02uauibev	INTEGER	#	Number of RAB active releases for PS interactive class calls due to unspecified error received from CN.	Sum, nkcttbh, nkrttbh, tot
rab_act_rel_ps_stream_due_to_unspec_error_in_cn	nok_nkcel_rabacrlpssat_tab.wliektxafq2ahdvuj02uauibev	INTEGER	#	Number of RAB active releases for PS streaming class calls due to unspecified error received from CN.	Sum, nkcttbh, nkrttbh, tot
rab_act_rel_ps_stream_guar_bit_rate_dl_due_to_pre_emp	nok_nkcel_rabacrlpssat_tab.rfphtn6ahl26seccb00hw01qk4	INT8	#	The number of RAB active releases for PS	Sum, nkcttbh, nkrttbh,

tion				streaming calls due to pre-emption in case RAB has DL resources according to guaranteed bit rate DL in RAB parameters.	tot
rab_act_rel_ps_stream_guar_bit_rate_dl_due_to_srnc_reloc	nok_nkcel_rabacrlpssat_tab.rfnyrp6ahl26seccb00hw01qk4	INT8	#	The number of RAB active releases for PS streaming class calls due to SRNC relocation in case RAB has DL resources according to guaranteed bit rate DL in RAB parameters. NOTE! This counter includes SRNS relocations, inter-RNC intra-frequency hard handovers, inter-RNC inter-frequency hard handovers and inter-system hard handovers.	Sum, nkcttbh, nkrttbh, tot
rab_act_rel_ps_stream_guar_bit_rate_dl_due_to_unspec_error_in_cn	nok_nkcel_rabacrlpssat_tab.wlieku6afq2ahdvuj02uauibev	INTEGER	#	Number of RAB active releases for PS streaming class calls due to unspecified error received from CN in case of RAB has DL resources according to guaranteed bit rate DL in RAB	Sum, nkcttbh, nkrttbh, tot

				parameters.	
rab_act_rel_ps_stream_guar_bit_rate_ul_due_to_pre_emption	nok_nkcel_rabacrlpssat_tab.rfoq1nxahl26seccb00hw01qk4	INT8	#	The number of RAB active releases for PS streaming calls due to pre-emption in case RAB has UL resources according to guaranteed bit rate UL in RAB parameters.	Sum, nkcttbh, nkrttbh, tot
rab_act_rel_ps_stream_guar_bit_rate_ul_due_to_srnc_reloc	nok_nkcel_rabacrlpssat_tab.rfnc5klahl26seccb00hw01qk4	INT8	#	The number of RAB active releases for PS streaming class calls due to SRNC relocation in case RAB has UL resources according to guaranteed bit rate UL in RAB parameters. NOTE! This counter includes SRNS relocations, inter-RNC intra-frequency hard handovers, inter-RNC inter-frequency hard handovers and inter-system hard handovers.	Sum, nkcttbh, nkrttbh, tot
rab_act_rel_ps_stream_guar_bit_rate_ul_due_to_unspec_error_in_cn	nok_nkcel_rabacrlpssat_tab.wlieku4afq2ahdvuj02uauibev	INTEGER	#	Number of RAB active releases for PS streaming class calls due to unspecified error received from CN in case of RAB has UL resources according to guaranteed bit rate UL in RAB	Sum, nkcttbh, nkrttbh, tot

				parameters.	
rab_active_releases_due_to_preemption_for_ps_data_conv	nok_nkcel_rabacrlpssat_tab.rfjp3jlahl26seccb00hw01qk4	INT8	#	- Obsolete in RN2.2 - A number of RAB active releases for PS data calls due to pre emption	Sum, nkcttbh, nkrttbh, tot
rab_active_releases_due_to_preemption_for_ps_data_stream	nok_nkcel_rabacrlpssat_tab.rfl35dpahl26seccb00hw01qk4	INT8	#	A number of RAB active releases for PS data calls with streaming class due to pre emption.	Sum, nkcttbh, nkrttbh, tot
rab_active_releases_due_to_srnc_reloc_for_ps_data_backg	nok_nkcel_rabacrlpssat_tab.rfmkx12ahl26seccb00hw01qk4	INT8	#	A number of RAB active releases for PS data calls with interactive class due to SRNC relocation. Note this counter includes both SRNS relocations and inter RNC intra frequency hard handovers	Sum, nkcttbh, nkrttbh, tot
rab_active_releases_due_to_srnc_reloc_for_ps_data_conv	nok_nkcel_rabacrlpssat_tab.rfixgklahl26seccb00hw01qk4	INT8	#	- Obsolete in RN2.2 - A number of RAB active releases for PS data calls with conservational class due to SRNC relocation. Note this counter includes both SRNS relocations and inter RNC intra frequency hard handovers	Sum, nkcttbh, nkrttbh, tot
rab_active_releases_due_to_srnc_reloc	nok_nkcel_rabacrlpssat_tab.rfltculahl26seccb00hw01q	INT8	#	A number of RAB active releases for	Sum, nkcttbh,

_for_ps_data_intera	k4			PS data calls with background class due to SRNC relocation. Note this counter includes both SRNS relocations and inter RNC intra frequency hard handovers	nkrttbh, tot
rab_active_releases_due_to_srnc_reloc_for_ps_data_stream	nok_nkcel_rabacrlpssat_tab.rfkfgtpahl26seccb00hw01qk4	INT8	#	A number of RAB active releases for PS data calls with streaming class due to SRNC relocation. Note this counter includes both SRNS relocations and inter RNC intra frequency hard handovers	Sum, nkcttbh, nkrttbh, tot

6.6.85 Cell.Nokia.UMTS.rab.connections_in_cs

RAB CS connection measurements

KPI Name	Expression	Data Type	Units	Description	Aggregation
rab_cs_amr_122_enters_new_ref_cell	nok_rab_conn_in_cs_tab.wric6x2afq2ahdvuj02uauibev	INTEGER	#	The number of RAB CS AMR 12.2 kbit/s connections that enter a new reference cell.	Sum, nkcttbh, nkrttbh, tot
rab_cs_data_conv_64_enters_new_ref_cell	nok_rab_conn_in_cs_tab.wric6x4afq2ahdvuj02uauibev	INTEGER	#	The number of RAB CS data conversational 64 kbit/s connections that enter a new reference cell.	Sum, nkcttbh, nkrttbh, tot
rab_cs_data_conv_enters_new_ref_cell	nok_rab_conn_in_cs_tab.wric6wrafq2ahdvuj02uauibev	INTEGER	#	The number of RAB CS data connections that	Sum, nkcttbh, nkrttbh,

				enter a new reference cell.	tot
rab_cs_data_stream_144_enters_new_ref_cell	nok_rab_conn_in_cs_tab.wric6x6afq2ahdvuj02uauibev	INTEGER	#	The number of RAB CS data streaming 14.4 kbit/s connections that enter a new reference cell.	Sum, nkcttbh, nkrttbh, tot
rab_cs_data_stream_enters_new_ref_cell	nok_rab_conn_in_cs_tab.wric6wtafq2ahdvuj02uauibev	INTEGER	#	The number of RAB CS streaming connections that enter a new reference cell.	Sum, nkcttbh, nkrttbh, tot
rab_cs_streaming_576_enters_new_ref_cell	nok_rab_conn_in_cs_tab.wric6xbafq2ahdvuj02uauibev	INTEGER	#	The number of RAB CS data streaming 14.4 kbit/s connections that enter a new reference cell.	Sum, nkcttbh, nkrttbh, tot
rab_cs_voice_enters_new_ref_cell	nok_rab_conn_in_cs_tab.wric6wpafq2ahdvuj02uauibev	INTEGER	#	The number of RAB CS voice connections that enter a new reference cell.	Sum, nkcttbh, nkrttbh, tot
rab_ps_streaming_16_64_guar_16_64_enters_new_ref_cell	nok_rab_conn_in_cs_tab.wric6xdafq2ahdvuj02uauibev	INTEGER	#	The number of RAB CS data streaming with maximum and guaranteed bit rates 16 kbit/s for uplink and 64 kbit/s for downlink connections that enter a new reference cell.	Sum, nkcttbh, nkrttbh, tot
rab_ps_streaming_16_64_guar_8_32_	nok_rab_conn_in_cs_tab.wric6xfafq2ahdvuj02uauibev	INTEGER	#	The number of RAB CS data	Sum, nkcttbh,

enters_new_ref_cell				streaming with maximum bit rates 16 kbit/s for uplink and 64 kbit/s for downlink and guaranteed bit rates 8 kbit/s for uplink and 32 kbit/s for downlink connections that enter a new reference cell.	nkrttbh, tot

6.6.86 Cell.Nokia.UMTS.rab.connections_in_ps

RAB PS connection measurements

KPI Name	Expression	Data Type	Units	Description	Aggregation
rab_ps_data_backg_enters_new_ref_cell	nok_rab_conn_in_ps_tab.wric6x0afq2ahdvuj02uauibev	INTEGER	#	The number of RAB PS background connections that enter a new reference cell.	Sum, nkcttbh, nkrttbh, tot
rab_ps_data_intera_enters_new_ref_cell	nok_rab_conn_in_ps_tab.wric6wxafq2ahdvuj02uauibev	INTEGER	#	The number of RAB PS interactive connections that enter a new reference cell.	Sum, nkcttbh, nkrttbh, tot
rab_ps_data_stream_enters_new_ref_cell	nok_rab_conn_in_ps_tab.wric6wvafq2ahdvuj02uauibev	INTEGER	#	The number of RAB PS streaming connections+E4 reference cell.	Sum, nkcttbh, nkrttbh, tot
rab_ps_nrt_128_128_enters_new_ref_cell	nok_rab_conn_in_ps_tab.wric6xrafq2ahdvuj02uauibev	INTEGER	#	The number of RAB PS NRT 128 kbit/s uplink and 128 kbit/s downlink connections that enter a new reference cell.	Sum, nkcttbh, nkrttbh, tot
rab_ps_nrt_128_38	nok_rab_conn_in_ps_tab.w	INTEG	#	The number of	Sum,

4_enters_new_ref_cell	ric6xtafq2ahdvuj02uauibev	ER		RAB PS NRT 128 kbit/s uplink and 384 kbit/s downlink connections that enter a new reference cell.	nkcttbh, nkrttbh, tot
rab_ps_nrt_128_64_enters_new_ref_cell	nok_rab_conn_in_ps_tab.wric6xpafq2ahdvuj02uauibev	INTEGER	#	The number of RAB PS NRT 128 kbit/s uplink and 64 kbit/s downlink connections that enter a new reference cell.	Sum, nkcttbh, nkrttbh, tot
rab_ps_nrt_384_384_enters_new_ref_cell	nok_rab_conn_in_ps_tab.wric6xvafq2ahdvuj02uauibev	INTEGER	#	The number of RAB PS NRT 384 kbit/s uplink and 384 kbit/s downlink connections that enter a new reference cell.	Sum, nkcttbh, nkrttbh, tot
rab_ps_nrt_384_64_enters_new_ref_cell	nok_rab_conn_in_ps_tab.wric6xxafq2ahdvuj02uauibev	INTEGER	#	The number of RAB PS NRT 384 kbit/s uplink and 64 kbit/s downlink connections that enter a new reference cell.	Sum, nkcttbh, nkrttbh, tot
rab_ps_nrt_64_128_enters_new_ref_cell	nok_rab_conn_in_ps_tab.wric6xjafq2ahdvuj02uauibev	INTEGER	#	The number of RAB PS NRT 64 kbit/s uplink and 128 kbit/s downlink connections that enter a new reference cell.	Sum, nkcttbh, nkrttbh, tot
rab_ps_nrt_64_256_enters_new_ref_cell	nok_rab_conn_in_ps_tab.wric6xlafq2ahdvuj02uauibev	INTEGER	#	The number of RAB PS NRT 64 kbit/s uplink and 256 kbit/s downlink	Sum, nkcttbh, nkrttbh, tot

This edition applies to IBM® Tivoli® Netcool® Performance Manager for Wireless and to all subsequent releases and modifications until otherwise indicated in new editions.

				connections that enter a new reference cell.	
rab_ps_nrt_64_384_enters_new_ref_cell	nok_rab_conn_in_ps_tab.wric6xnafq2ahdvuj02uauibev	INTEGER	#	The number of RAB PS NRT 64 kbit/s uplink and 384 kbit/s downlink connections that enter a new reference cell.	Sum, nkcttbh, nkrttbh, tot
rab_ps_nrt_64_64_enters_new_ref_cell	nok_rab_conn_in_ps_tab.wric6xhafq2ahdvuj02uauibev	INTEGER	#	The number of RAB PS NRT 64 kbit/s uplink and 64 kbit/s downlink connections that enter a new reference cell.	Sum, nkcttbh, nkrttbh, tot

6.6.87 Cell.Nokia.UMTS.rab.connections_out_cs

RAB CS connection measurements

KPI Name	Expression	Data Type	Units	Description	Aggregation
rab_cs_amr_122_leaves_old_ref_cell	nok_rab_conn_out_cs_tab.wric6vpafq2ahdvuj02uauibev	INTEGER	#	The number of RAB CS AMR 12.2 kbit/s connections that have left from the old reference cell.	Sum, nkcttbh, nkrttbh, tot
rab_cs_data_conv_64_leaves_old_ref_cell	nok_rab_conn_out_cs_tab.wric6vrafq2ahdvuj02uauibev	INTEGER	#	The number of RAB CS data conversational 64 kbit/s connections that have left from the old reference cell.	Sum, nkcttbh, nkrttbh, tot
rab_cs_data_conv_leaves_old_ref_cell	nok_rab_conn_out_cs_tab.wric6vfafq2ahdvuj02uauibev	INTEGER	#	The number of RAB CS data connections that have left from the old reference cell.	Sum, nkcttbh, nkrttbh, tot

rab_cs_data_stream_144_leaves_old_ref_cell	nok_rab_conn_out_cs_tab.wric6vtafq2ahdvuj02uauibev	INTEGER	#	The number of RAB CS data streaming 14.4 kbit/s connections that have left from the old reference cell.	Sum, nkcttbh, nkrttbh, tot
rab_cs_data_stream_leaves_old_ref_cell	nok_rab_conn_out_cs_tab.wric6vhafq2ahdvuj02uauibev	INTEGER	#	The number of RAB CS streaming connections that have left from the old reference cell.	Sum, nkcttbh, nkrttbh, tot
rab_cs_streaming_576_leaves_old_ref_cell	nok_rab_conn_out_cs_tab.wric6vvafq2ahdvuj02uauibev	INTEGER	#	The number of RAB CS data streaming 57.6 kbit/s connections that have left from the old reference cell.	Sum, nkcttbh, nkrttbh, tot
rab_cs_voice_leaves_old_ref_cell	nok_rab_conn_out_cs_tab.wric6vdafq2ahdvuj02uauibev	INTEGER	#	The number of RAB CS voice connections that have left from the old reference cell.	Sum, nkcttbh, nkrttbh, tot
rab_ps_streaming_16_64_guar_16_64_leaves_old_ref_cell	nok_rab_conn_out_cs_tab.wric6vxafq2ahdvuj02uauibev	INTEGER	#	The number of RAB CS data streaming with maximum and guaranteed bit rates 16 kbit/s for uplink and 64 kbit/s for downlink connections that have left from the old reference cell.	Sum, nkcttbh, nkrttbh, tot
rab_ps_streaming_16_64_guar_8_32_leaves_old_ref_cell	nok_rab_conn_out_cs_tab.wric6w0afq2ahdvuj02uauibev	INTEGER	#	The number of RAB CS data streaming with maximum and guaranteed bit rates	Sum, nkcttbh, nkrttbh, tot

This edition applies to IBM® Tivoli® Netcool® Performance Manager for Wireless and to all subsequent releases and modifications until otherwise indicated in new editions.

				16 kbit/s for uplink and 64 kbit/s for downlink and guaranteed bit rates 8 kbit/s for uplink and 32 kbit/s for downlink connections that have left from the old reference cell.	

6.6.88 Cell.Nokia.UMTS.rab.connections_out_ps

RAB PS connection measurements

KPI Name	Expression	Data Type	Units	Description	Aggregation
rab_ps_data_backg_leaves_old_ref_cell	nok_rab_conn_out_ps_tab.wric6vnafq2ahdvuj02uauibev	INTEGER	#	The number of RAB PS background connections that have left from the old reference cell.	Sum, nkcttbh, nkrttbh, tot
rab_ps_data_intera_leaves_old_ref_cell	nok_rab_conn_out_ps_tab.wric6vlafq2ahdvuj02uauibev	INTEGER	#	The number of RAB PS interactive connections that have left from the old reference cell.	Sum, nkcttbh, nkrttbh, tot
rab_ps_data_stream_leaves_old_ref_cell	nok_rab_conn_out_ps_tab.wric6vjafq2ahdvuj02uauibev	INTEGER	#	The number of RAB PS streaming connections that have left from the old reference cell.	Sum, nkcttbh, nkrttbh, tot
rab_ps_nrt_128_128_leaves_old_ref_cell	nok_rab_conn_out_ps_tab.wric6wfafq2ahdvuj02uauibev	INTEGER	#	The number of RAB PS NRT 128 kbit/s uplink and 128 kbit/s downlink connections that have left from the old reference cell.	Sum, nkcttbh, nkrttbh, tot
rab_ps_nrt_128_384_leaves_old_ref_c	nok_rab_conn_out_ps_tab.wric6whafq2ahdvuj02uaui	INTEGER	#	The number of RAB PS NRT 128	Sum, nkcttbh,

ell	bev			kbit/s uplink and 384 kbit/s downlink connections that have left from the old reference cell.	nkrttbh, tot
rab_ps_nrt_128_64_leaves_old_ref_cell	nok_rab_conn_out_ps_tab.wric6wdafq2ahdvuj02uauibev	INTEGER	#	The number of RAB PS NRT 128 kbit/s uplink and 64 kbit/s downlink connections that have left from the old reference cell.	Sum, nkcttbh, nkrttbh, tot
rab_ps_nrt_384_384_leaves_old_ref_cell	nok_rab_conn_out_ps_tab.wric6wjafq2ahdvuj02uauibev	INTEGER	#	The number of RAB PS NRT 384 kbit/s uplink and 384 kbit/s downlink connections that have left from the old reference cell.	Sum, nkcttbh, nkrttbh, tot
rab_ps_nrt_384_64_leaves_old_ref_cell	nok_rab_conn_out_ps_tab.wric6wlafq2ahdvuj02uauibev	INTEGER	#	The number of RAB PS NRT 384 kbit/s uplink and 64 kbit/s downlink connections that have left from the old reference cell.	Sum, nkcttbh, nkrttbh, tot
rab_ps_nrt_64_128_leaves_old_ref_cell	nok_rab_conn_out_ps_tab.wric6w4afq2ahdvuj02uauibev	INTEGER	#	The number of RAB PS NRT 64 kbit/s uplink and 128 kbit/s downlink connections that have left from the old reference cell.	Sum, nkcttbh, nkrttbh, tot
rab_ps_nrt_64_256_leaves_old_ref_cell	nok_rab_conn_out_ps_tab.wric6w6afq2ahdvuj02uauibev	INTEGER	#	The number of RAB PS NRT 64 kbit/s uplink and 256 kbit/s downlink connections that	Sum, nkcttbh, nkrttbh, tot

				have left from the old reference cell.	
rab_ps_nrt_64_384_leaves_old_ref_cell	nok_rab_conn_out_ps_tab.wric6wbafq2ahdvuj02uauibev	INTEGER	#	The number of RAB PS NRT 64 kbit/s uplink and 384 kbit/s downlink connections that have left from the old reference cell.	Sum, nkcttbh, nkrttbh, tot
rab_ps_nrt_64_64_leaves_old_ref_cell	nok_rab_conn_out_ps_tab.wric6w2afq2ahdvuj02uauibev	INTEGER	#	The number of RAB PS NRT 64 kbit/s uplink and 64 kbit/s downlink connections that have left from the old reference cell.	Sum, nkcttbh, nkrttbh, tot

6.6.89 Cell.Nokia.UMTS.rab.control_procedures

RAB - RAB control procedure related statistics

KPI Name	Expression	Data Type	Units	Description	Aggregation
phy_ch_reconf_comp	nok_nkcel_rabctrlproc_tab.rfvgxjxahl26seccb00hw01qk4	INT8	#	A number of physical channel reconfigurations completed.	Sum, nkcttbh, nkrttbh, tot
phy_ch_reconf_fail_due_to_unsupported_configuration	nok_nkcel_rabctrlproc_tab.rfyity2ahl26seccb00hw01qk4	INT8	#	The number of physical channel reconfiguration failures due to unsupported configuration.	Sum, nkcttbh, nkrttbh, tot
phy_ch_reconf_fail	nok_nkcel_rabctrlproc_tab.rfxqjp2ahl26seccb00hw01qk4	INT8	#	The number of all the physical channel reconfiguration failures.	Sum, nkcttbh, nkrttbh, tot
phy_ch_reconf	nok_nkcel_rabctrlproc_tab.rfuobbtahl26seccb00hw01qk4	INT8	#	A number of physical channel reconfigurations.	Sum, nkcttbh, nkrttbh, tot

radio_bearer_reconf_complete	nok_nkcel_rabctrlproc_tab.rfsef3pahl26seccb00hw01qk4	INT8	#	Number of radio bearer reconfigurations completed	Sum, nkcttbh, nkrttbh, tot
radio_bearer_reconf_fail_due_to_unsupported_configuration	nok_nkcel_rabctrlproc_tab.rg0xvhpahl26seccb00hw01qk4	INT8	#	The number of radio bearer reconfiguration failures due to unsupported configuration.	Sum, nkcttbh, nkrttbh, tot
radio_bearer_reconf_fail	nok_nkcel_rabctrlproc_tab.rg0apfhahl26seccb00hw01qk4	INT8	#	The number of all the radio bearer reconfiguration failures.	Sum, nkcttbh, nkrttbh, tot
radio_bearer_reconf	nok_nkcel_rabctrlproc_tab.rfrmqlxahl26seccb00hw01qk4	INT8	#	A number of radio bearer reconfigurations	Sum, nkcttbh, nkrttbh, tot
radio_bearer_release_complete	nok_nkcel_rabctrlproc_tab.rfwyy4xahl26seccb00hw01qk4	INT8	#	Number of Radio Bearer Release complete messages received.	Sum, nkcttbh, nkrttbh, tot
radio_bearer_release	nok_nkcel_rabctrlproc_tab.rfwa0axahl26seccb00hw01qk4	INT8	#	Number of Radio Bearer Release messages sent.	Sum, nkcttbh, nkrttbh, tot
radio_bearer_setup_complete	nok_nkcel_rabctrlproc_tab.rfquvcxahl26seccb00hw01qk4	INT8	#	A number of radio bearer setups completed	Sum, nkcttbh, nkrttbh, tot
radio_bearer_setup_fail_due_to_unsupported_configuration	nok_nkcel_rabctrlproc_tab.rg2nnsdahl26seccb00hw01qk4	INT8	#	The number of radio bearer setup failures due to unsupported configuration.	Sum, nkcttbh, nkrttbh, tot
radio_bearer_setup	nok_nkcel_rabctrlproc_tab.	INT8	#	The number of all	Sum,

_fail	rg1uf02ahl26seccb00hw01qk4			the radio bearer setup failures.	nkcttbh, nkrttbh, tot
radio_bearer_setup	nok_nkcel_rabctrlproc_tab.rfq4sctahl26seccb00hw01qk4	INT8	#	A number of radio bearer setups.	Sum, nkcttbh, nkrttbh, tot
tran_ch_reconf_comp	nok_nkcel_rabctrlproc_tab.rftvklxahl26seccb00hw01qk4	INT8	#	A number of transport channel reconfigurations completed.	Sum, nkcttbh, nkrttbh, tot
tran_ch_reconf	nok_nkcel_rabctrlproc_tab.rft3wfhahl26seccb00hw01qk4	INT8	#	A number of transport channel reconfigurations.	Sum, nkcttbh, nkrttbh, tot
transport_format_combination_control_for_tfo	nok_nkcel_rabctrlproc_tab.x4iqmsvafq2ahdvuj02uauibev	INTEGER	#	The number of sent Transport Format Combination Control messages for Tandem Free Operation.	Sum, nkcttbh, nkrttbh, tot

6.6.90 Cell.Nokia.UMTS.rab.holding_times

RAB - Service holding time statistics

KPI Name	Expression	Data Type	Units	Description	Aggregation
ave_dch_holding_time_for_ps_rab_with_background_class	{average_dch_holding_time_for_ps_rab_with_background_class} / {denominator_for_dch_holding_time_for_ps_data_backg}	FLOAT	#	Calculation for average DCH holding time for PS RAB with background class	Average, avg, max, min, nkcttbh, nkrttbh, tot
ave_dch_holding_time_for_ps_rab_with_interactive_class	{average_dch_holding_time_for_ps_rab_with_interactive_class} / {denominator_for_dch_holding_time_for_ps_data_intera}	FLOAT	#	Calculation for average DCH holding time for PS RAB with interactive class	Average, avg, max, min, nkcttbh, nkrttbh, tot
ave_rab_holding_ti	nok_rab_holding_times_ta	INTEG	10ms	Measuring the	Sum,

me_for_cs_data_call_with_conversational_class	b.rg4uyj6ahl26seccb00hw01qk4	ER		holding time of a cs data call with conversational class	nkcttbh, nkrttbh, tot
ave_rab_holding_time_for_cs_data_call_with_streaming_class	nok_rab_holding_times_tab.rg6vwppahl26seccb00hw01qk4	INTEGER	10ms	Measuring the holding time of a cs data call with streaming class	Sum, nkcttbh, nkrttbh, tot
ave_rab_holding_time_for_cs_voice_call	nok_rab_holding_times_tab.rg3exntahl26seccb00hw01qk4	INTEGER	10ms	Measuring the holding time of a cs voice call	Sum, nkcttbh, nkrttbh, tot
ave_rab_holding_time_for_ps_call_with_background_class	nok_rab_holding_times_tab.rggdap2ahl26seccb00hw01qk4	INTEGER	10ms	Measures the average RAB holding time of PS data calls with background class	Sum, nkcttbh, nkrttbh, tot
ave_rab_holding_time_for_ps_call_with_interactive_class	nok_rab_holding_times_tab.rgeshf6ahl26seccb00hw01qk4	INTEGER	10ms	Measures the average RAB holding time of PS data calls with interactive class	Sum, nkcttbh, nkrttbh, tot
ave_rab_holding_time_for_ps_call_with_streaming_class	nok_rab_holding_times_tab.rgdccblahl26seccb00hw01qk4	INTEGER	10ms	Measures the average RAB holding time of PS data calls with streaming class	Sum, nkcttbh, nkrttbh, tot
average_dch_holding_time_for_ps_rab_with_background_class	nok_rab_holding_times_tab.rgjh5y2ahl26seccb00hw01qk4	INTEGER	10ms	Average DCH holding time for PS RAB with background class	Average, avg, max, min, nkcttbh, nkrttbh, tot
average_dch_holding_time_for_ps_rab_with_interactive_class	nok_rab_holding_times_tab.rghsyctahl26seccb00hw01qk4	INTEGER	10ms	Average DCH holding time for PS RAB with interactive class	Average, avg, max, min, nkcttbh,

This edition applies to IBM® Tivoli® Netcool® Performance Manager for Wireless and to all subsequent releases and modifications until otherwise indicated in new editions.

					nkrttbh, tot
average_rab_hold_time_in_ref_cell_cs_streaming_144	100 * {Nokia.rab.holding_times.rab_hold_time_in_ref_cell_cs_streaming_144} / {Nokia.rab.holding_times.denom_hold_tm_ref_cell_cs_streaming_144}	FLOAT	#	Average RAB holding time in reference cell for CS streaming class 14.4 kbit/s calls.	Average, avg, max, min, nkcttbh, nkrttbh, tot
average_rab_hold_time_in_ref_cell_cs_streaming_576	100 * {Nokia.rab.holding_times.rab_hold_time_in_ref_cell_cs_streaming_576} / {Nokia.rab.holding_times.denom_hold_tm_ref_cell_cs_stream_576}	FLOAT	#	Average RAB holding time in reference cell for CS streaming class 57.6 kbit/s calls.	Average, avg, max, min, nkcttbh, nkrttbh, tot
average_rab_hold_time_in_ref_cell_for_amr_122	100 * {Nokia.rab.holding_times.rab_hold_time_in_ref_cell_for_amr_122} / {Nokia.rab.holding_times.denom_hold_tm_ref_cell_amr_122}	FLOAT	#	Average RAB holding time in reference cell for AMR 12.2 kbit/s calls.	Average, avg, max, min, nkcttbh, nkrttbh, tot
average_rab_hold_time_in_ref_cell_for_cs_conv_64	100 * {Nokia.rab.holding_times.rab_hold_time_in_ref_cell_for_cs_conv_64} / {Nokia.rab.holding_times.denom_hold_tm_ref_cell_cs_conv_64}	FLOAT	#	Average RAB holding time in reference cell for CS conversational class 64 kbit/s calls.	Average, avg, max, min, nkcttbh, nkrttbh, tot
average_rab_hold_time_in_ref_cell_for_cs_conv	100 * {Nokia.rab.holding_times.rab_hold_time_in_ref_cell_for_cs_conv} / {Nokia.rab.holding_times.denom_hold_tm_ref_cell_cs_conv}	FLOAT	#	Average RAB holding time in reference cell for CS conversational class calls.	Average, avg, max, min, nkcttbh, nkrttbh, tot
average_rab_hold_time_in_ref_cell_for_cs_stream	100 * {Nokia.rab.holding_times.rab_hold_time_in_ref_cell_for_cs_stream} / {Nokia.rab.holding_times.	FLOAT	#	Average RAB holding time in reference cell for CS streaming class calls.	Average, avg, max, min, nkcttbh, nkrttbh,

	denom_hold_tm_ref_cell_cs_stream}				tot
average_rab_hold_time_in_ref_cell_for_cs_voice	100 * {Nokia.rab.holding_times.rab_hold_time_in_ref_cell_for_cs_voice} / {Nokia.rab.holding_times.denom_hold_tm_ref_cell_cs_voice}	FLOAT	#	Average RAB holding time in reference cell for CS voice calls.	Average, avg, max, min, nkcttbh, nkrttbh, tot
average_rab_holding_time_cs_amr_multimode	100 * {Nokia.rab.holding_times.rab_holding_time_cs_amr_multimode} / {Nokia.rab.holding_times.denominator_for_cs_amr_multimode}	FLOAT	#	Average RAB holding time of a CS AMR Multimode call.	Average, avg, max, min, nkcttbh, nkrttbh, tot
average_rab_holding_time_for_cs_data_call_with_conversational_class	{ave_rab_holding_time_for_cs_data_call_with_conversational_class} / {denominator_for_rab_holding_time_for_cs_data_conv}	FLOAT	#	Calculation for the average holding time of a CS data call with conversational class	Average, avg, max, min, nkcttbh, nkrttbh, tot
average_rab_holding_time_for_cs_data_call_with_streaming_class	{ave_rab_holding_time_for_cs_data_call_with_streaming_class} / {denominator_for_rab_holding_time_for_cs_data_stream}	FLOAT	#	Calculation for the average holding time of a CS data call with streaming class	Average, avg, max, min, nkcttbh, nkrttbh, tot
average_rab_holding_time_for_cs_voice_call	{ave_rab_holding_time_for_cs_voice_call} / {denominator_for_rab_holding_time_for_cs_voice}	FLOAT	#	Calculation for the average holding time of a CS voice call	Average, avg, max, min, nkcttbh, nkrttbh, tot
average_rab_holding_time_for_ps_call_with_background_	{ave_rab_holding_time_for_ps_call_with_background_class} /	FLOAT	#	Calculation for the average RAB holding time of PS	Average, avg, max, min,

class	{denominator_for_rab_holding_time_for_ps_data_backg}			data calls with background class	nkcttbh, nkrttbh, tot
average_rab_holding_time_for_ps_call_with_conversational_class	{sum_of_rab_holding_times_for_ps_data_conv} / {denominator_for_rab_holding_time_for_ps_data_conv}	FLOAT	#	Calculation for the average holding time of a PS data call with conversational class	Average, avg, max, min, nkcttbh, nkrttbh, tot
average_rab_holding_time_for_ps_call_with_interactive_class	{ave_rab_holding_time_for_ps_call_with_interactive_class} / {denominator_for_rab_holding_time_for_ps_data_intera}	FLOAT	#	Calculation for the average RAB holding time of PS data calls with interactive class	Average, avg, max, min, nkcttbh, nkrttbh, tot
average_rab_holding_time_for_ps_call_with_streaming_class	{ave_rab_holding_time_for_ps_call_with_streaming_class} / {denominator_for_rab_holding_time_for_ps_data_stream}	FLOAT	#	Calculation for the average RAB holding time of PS data calls with streaming class	Average, avg, max, min, nkcttbh, nkrttbh, tot
avg_rab_holding_time_cs_conversational_64	{rab_holding_time_cs_conversational_64} / {denominator_for_cs_conversational_64}	FLOAT	Sec	Average RAB holding time of a CS Conversational 64 kpbs data call.	Average, avg, max, min, nkcttbh, nkrttbh, tot
avg_rab_holding_time_cs_streaming_14_4	{rab_holding_time_cs_streaming_14_4} / {denominator_for_cs_streaming_14_4}	FLOAT	Sec	Average RAB holding time of a CS Streaming 14.4 kbps data call.	Average, avg, max, min, nkcttbh, nkrttbh, tot
avg_rab_holding_time_cs_streaming_57_6	{rab_holding_time_cs_streaming_57_6} / {denominator_for_cs_streaming_57_6}	FLOAT	Sec	Average RAB holding time of a CS Streaming 57.6 kbps data call.	Average, avg, max, min, nkcttbh, nkrttbh, tot
denom_hold_tm_ref_cell_amr_122	nok_rab_holding_times_tab.wric6ynafq2ahdvuj02uau	INTEGER	#	Denominator for RAB holding time	Sum, nkcttbh,

	ibev			in reference cell for AMR 12.2 kbit/s calls.	nkrttbh, tot
denom_hold_tm_ref_cell_cs_conv_64	nok_rab_holding_times_tab.wric6ytafq2ahdvuj02uauibev	INTEGER	#	Denominator for RAB holding time in reference cell for CS conversational class 64 kbit/s calls.	Sum, nkcttbh, nkrttbh, tot
denom_hold_tm_ref_cell_cs_conv	nok_rab_holding_times_tab.wric6ybafq2ahdvuj02uauibev	INTEGER	#	Denominator for RAB holding time in reference cell for CS conversational class calls.	Sum, nkcttbh, nkrttbh, tot
denom_hold_tm_ref_cell_cs_stream_576	nok_rab_holding_times_tab.wrica06afq2ahdvuj02uauibev	INTEGER	#	Denominator for RAB holding time in reference cell for CS streaming class 57.6 kbit/s calls.	Sum, nkcttbh, nkrttbh, tot
denom_hold_tm_ref_cell_cs_stream	nok_rab_holding_times_tab.wric6yhafq2ahdvuj02uauibev	INTEGER	#	Denominator for RAB holding time in reference cell for CS streaming class calls.	Sum, nkcttbh, nkrttbh, tot
denom_hold_tm_ref_cell_cs_streaming_144	nok_rab_holding_times_tab.wrica00afq2ahdvuj02uauibev	INTEGER	#	Denominator for RAB holding time in reference cell for CS streaming class 14.4 kbit/s calls.	Sum, nkcttbh, nkrttbh, tot
denom_hold_tm_ref_cell_cs_voice	nok_rab_holding_times_tab.wric6y2afq2ahdvuj02uauibev	INTEGER	#	Denominator for RAB holding time in reference cell for CS voice calls.	Sum, nkcttbh, nkrttbh, tot
denominator_for_cs_amr_multimode	nok_rab_holding_times_tab.wliekthafq2ahdvuj02uauibev	INTEGER	#	Denominator for RAB holding time for CS AMR Multimode calls.	Sum, nkcttbh, nkrttbh, tot

This edition applies to IBM® Tivoli® Netcool® Performance Manager for Wireless and to all subsequent releases and modifications until otherwise indicated in new editions.

denominator_for_cs_conversational_64	nok_rab_holding_times_tab.rgsjipdahl26seccb00hw01qk4	INT8	#	Denominator for RAB holding time for CS Conversational 64 kbps data calls.Denominator for RAB holding time for CS Conversational 64 kbps data calls.	Sum, nkcttbh, nkrttbh, tot
denominator_for_cs_streaming_14_4	nok_rab_holding_times_tab.rguusudahl26seccb00hw01qk4	INT8	#	Denominator for RAB holding time for CS Streaming 14.4 kbps data calls.Denominator for RAB holding time for CS Streaming 14.4 kbps data calls.	Sum, nkcttbh, nkrttbh, tot
denominator_for_cs_streaming_57_6	nok_rab_holding_times_tab.rgxaca6ahl26seccb00hw01qk4	INT8	#	Denominator for RAB holding time for CS Streaming 57.6 kbps data calls.Denominator for RAB holding time for CS Streaming 57.6 kbps data calls.	Sum, nkcttbh, nkrttbh, tot
denominator_for_dch_holding_time_for_ps_data_backg	nok_rab_holding_times_tab.rgka1c2ahl26seccb00hw01qk4	INTEGER	#	Denominator for DCH holding time PS call with background class	Sum, nkcttbh, nkrttbh, tot
denominator_for_dch_holding_time_for_ps_data_intera	nok_rab_holding_times_tab.rgimh12ahl26seccb00hw01qk4	INTEGER	10ms	Denominator for DCH holding time PS call with interactive class	Sum, nkcttbh, nkrttbh, tot
denominator_for_rab_holding_time_for_cs_data_conv	nok_rab_holding_times_tab.rg5ofehahl26seccb00hw01qk4	INTEGER	10ms	Denominator for RAB holding time cs data calls with conversational class	Sum, nkcttbh, nkrttbh, tot
denominator_for_rab_holding_time_for	nok_rab_holding_times_tab.rgaysjdahl26seccb00hw0	INTEGER	10ms	Denominator for RAB holding time	Sum, nkcttbh,

_cs_data_stream	1qk4			of CS data calls with streaming class	nkrttbh, tot
denominator_for_rab_holding_time_for_cs_voice	nok_rab_holding_times_tab.rg43d3lahl26seccb00hw01qk4	INTEGER	10ms	Denominator for RAB holding time cs voice calls	Sum, nkcttbh, nkrttbh, tot
denominator_for_rab_holding_time_for_ps_data_backg	nok_rab_holding_times_tab.rgh1yvxahl26seccb00hw01qk4	INTEGER	10ms	Denominator for RAB holding time of PS calls with background class	Sum, nkcttbh, nkrttbh, tot
denominator_for_rab_holding_time_for_ps_data_conv	nok_rab_holding_times_tab.rgcliglahl26seccb00hw01qk4	INTEGER	10ms	- Obsolete in RN2.2 - Denominator for RAB holding time of PS calls with conversational class	Sum, nkcttbh, nkrttbh, tot
denominator_for_rab_holding_time_for_ps_data_intera	nok_rab_holding_times_tab.rgfloq6ahl26seccb00hw01qk4	INTEGER	10ms	Denominator for RAB holding time of PS calls with interactive class	Sum, nkcttbh, nkrttbh, tot
denominator_for_rab_holding_time_for_ps_data_stream	nok_rab_holding_times_tab.rge15lpahl26seccb00hw01qk4	INTEGER	10ms	Denominator for RAB holding time of PS calls with streaming class	Sum, nkcttbh, nkrttbh, tot
rab_hold_time_in_ref_cell_cs_streaming_144	nok_rab_holding_times_tab.wric6yxafq2ahdvuj02uauibev	INTEGER	Sec	RAB holding time in reference cell for CS streaming class 14.4 kbit/s calls. This counter divided by the Denominator for RAB holding time in reference cell for CS streaming class 14.4 kbit/s calls gives an average holding time for the call type in	Sum, nkcttbh, nkrttbh, tot

This edition applies to IBM® Tivoli® Netcool® Performance Manager for Wireless and to all subsequent releases and modifications until otherwise indicated in new editions.

				question.	
rab_hold_time_in_ref_cell_cs_streaming_576	nok_rab_holding_times_tab.wrica04afq2ahdvuj02uauibev	INTEGER	Sec	RAB holding time in reference cell for CS streaming class 57.6 kbit/s calls. This counter divided by the Denominator for RAB holding time in reference cell for CS streaming class 57.6 kbit/s calls gives an average holding time for the call type in question.	Sum, nkcttbh, nkrttbh, tot
rab_hold_time_in_ref_cell_for_amr_122	nok_rab_holding_times_tab.wric6ylafq2ahdvuj02uauibev	INT8	Sec	RAB holding time in reference cell for AMR 12.2 kbit/s calls.	Sum, nkcttbh, nkrttbh, tot
rab_hold_time_in_ref_cell_for_cs_conv_64	nok_rab_holding_times_tab.wric6yrafq2ahdvuj02uauibev	INTEGER	Sec	RAB holding time in reference cell for CS conversational class 64 kbit/s calls. This counter divided by the Denominator for RAB holding time in reference cell for CS conversational class 64 kbit/s calls gives an average holding time for the call type in question.	Sum, nkcttbh, nkrttbh, tot
rab_hold_time_in_ref_cell_for_cs_conv	nok_rab_holding_times_tab.wric6y6afq2ahdvuj02uauibev	INTEGER	Sec	RAB holding time in reference cell for CS conversational class calls. This counter divided by the Denominator for RAB holding time in reference cell for	Sum, nkcttbh, nkrttbh, tot

				CS voice calls gives an average holding time for the call type in question.	
rab_hold_time_in_ref_cell_for_cs_stream	nok_rab_holding_times_tab.wric6yfafq2ahdvuj02uauibev	INTEGER	Sec	RAB holding time in reference cell for CS streaming class calls. This counter divided by the Denominator for RAB holding time in reference cell for CS streaming class calls gives an average holding time for the call type in question.	Sum, nkcttbh, nkrttbh, tot
rab_hold_time_in_ref_cell_for_cs_voice	nok_rab_holding_times_tab.wric6y0afq2ahdvuj02uauibev	INT8	Sec	RAB holding time in reference cell for CS voice calls. This counter divided by the Denominator for RAB holding time in reference cell for CS voice calls gives an average holding time for the call type in question.	Sum, nkcttbh, nkrttbh, tot
rab_holding_time_cs_amr_multimode	nok_rab_holding_times_tab.wliektfafq2ahdvuj02uauibev	INTEGER	Sec	This counter measures the RAB holding time of a CS AMR Multimode call. This counter divided by the denominator gives the average RAB holding time for the RAB type in	Sum, nkcttbh, nkrttbh, tot

This edition applies to IBM® Tivoli® Netcool® Performance Manager for Wireless and to all subsequent releases and modifications until otherwise indicated in new editions.

				question.	
rab_holding_time_cs_conversational_64	nok_rab_holding_times_tab.rgrrnclahl26seccb00hw01qk4	FLOAT	Sec	This counter measures the RAB holding time of a CS Conversational 64 kpbs data call. This counter divided by the denominator gives the average RAB holding time for the RAB type in question.	Sum, nkcttbh, nkrttbh, tot
rab_holding_time_cs_streaming_14_4	nok_rab_holding_times_tab.rgu3bpdahl26seccb00hw01qk4	FLOAT	Sec	This counter measures the RAB holding time of a CS Streaming 14.4 kbps data call. This counter divided by the denominator gives the average RAB holding time for the RAB type in question.	Sum, nkcttbh, nkrttbh, tot
rab_holding_time_cs_streaming_57_6	nok_rab_holding_times_tab.rgwha2hahl26seccb00hw01qk4	FLOAT	Sec	This counter measures the RAB holding time of a CS Streaming 57.6 kbps data call. This counter divided by the denominator gives the average RAB holding time for the RAB type in question.	Sum, nkcttbh, nkrttbh, tot
sum_of_rab_holding_times_for_ps_data_conv	nok_rab_holding_times_tab.rgbrk62ahl26seccb00hw01qk4	INT8	10ms	- Obsolete in RN2.2 - Sum of RAB holding times for PS data conversational calls. This counter divided by the denominator (see	Sum, nkcttbh, nkrttbh, tot

				the Dependencies) gives the average RAB holding time of PS data conversational calls. --- RAB holding time is defined as the time	

6.6.91 Cell.Nokia.UMTS.rab.reconfigurations

RAB - Reconfiguration statistics

KPI Name	Expression	Data Type	Units	Description	Aggregation
rab_reconf_att	nok_nkcel_rabrecfg_tab.rgyqufdahl26seccb00hw01qk4	INT8	#	A number of RAB reconfiguration attempts. Note this counter includes reconfiguration failures for all types of RAB	Sum, nkcttbh, nkrttbh, tot
rab_reconf_fail	nok_nkcel_rabrecfg_tab.rh0irfdahl26seccb00hw01qk4	INT8	#	-Obsolete in RN2.1- A number of RAB reconfiguration attempts. Note this counter includes reconfiguration failures for all types of RAB	Sum, nkcttbh, nkrttbh, tot

6.6.92 Cell.Nokia.UMTS.rab.setup_access_complete

RAB - Setup access completions statistics

KPI Name	Expression	Data Type	Units	Description	Aggregation
_	100 *	FLOAT	%	Percentage of CS	Average,

%_rab_access_completions_for_cs_data_conv	{rab_access_completions_for_cs_data_conv}/ ({rab_access_completions_for_cs_voice}+ {rab_access_completions_for_cs_data_conv}+ {rab_access_completions_for_cs_data_stream}+ {rab_access_completions_for_ps_data_conv}+ {rab_access_completions_for_ps_data_stream}+ {rab_access_completions_for_ps_data_intera}+ {rab_access_completions_for_ps_data_backg})			Data Conversation RAB Access Completion against Total RAB Access Completion	avg, nkcttbh, nkrttbh
_%_rab_access_completions_for_cs_data_stream	100 * {rab_access_completions_for_cs_data_stream}/ ({rab_access_completions_for_cs_voice}+ {rab_access_completions_for_cs_data_conv}+ {rab_access_completions_for_cs_data_stream}+ {rab_access_completions_for_ps_data_conv}+ {rab_access_completions_for_ps_data_stream}+ {rab_access_completions_for_ps_data_intera}+ {rab_access_completions_for_ps_data_backg})	FLOAT	%	Percentage of CS Data Streaming RAB Access Completion against Total RAB Access Completion	Average, avg, nkcttbh, nkrttbh
_%_rab_access_completions_for_cs_voice	100 * {rab_access_completions_for_cs_voice}/ ({rab_access_completions_for_cs_voice}+ {rab_access_completions_for_cs_data_conv}+ {rab_access_completions_for_cs_data_stream}+ {rab_access_completions_for_ps_data_conv}+ {rab_access_completions_f	FLOAT	%	Percentage of CS Voice RAB Access Completion against Total RAB Access Completion	Average, avg, nkcttbh, nkrttbh

	or_ps_data_stream}+ {rab_access_completions_for_ps_data_intera}+ {rab_access_completions_for_ps_data_backg})				
_%_rab_access_completions_for_ps_data_backg	100 * {rab_access_completions_for_ps_data_backg}/ ({rab_access_completions_for_cs_voice}+ {rab_access_completions_for_cs_data_conv}+ {rab_access_completions_for_cs_data_stream}+ {rab_access_completions_for_ps_data_conv}+ {rab_access_completions_for_ps_data_stream}+ {rab_access_completions_for_ps_data_intera}+ {rab_access_completions_for_ps_data_backg})	FLOAT	%	Percentage of PS Data Background RAB Access Completion against Total RAB Access Completion	Average, avg, nkcttbh, nkrttbh
_%_rab_access_completions_for_ps_data_conv	100 * {rab_access_completions_for_ps_data_intera}/ ({rab_access_completions_for_cs_voice}+ {rab_access_completions_for_cs_data_conv}+ {rab_access_completions_for_cs_data_stream}+ {rab_access_completions_for_ps_data_conv}+ {rab_access_completions_for_ps_data_stream}+ {rab_access_completions_for_ps_data_intera}+ {rab_access_completions_for_ps_data_backg})	FLOAT	%	Percentage of PS Data Interactive RAB Access Completion against Total RAB Access Completion	Average, avg, nkcttbh, nkrttbh

This edition applies to IBM® Tivoli® Netcool® Performance Manager for Wireless and to all subsequent releases and modifications until otherwise indicated in new editions.

_%_rab_access_completions_for_ps_data_intera	100 * {rab_access_completions_for_ps_data_conv}/ ({rab_access_completions_for_cs_voice}+ {rab_access_completions_for_cs_data_conv}+ {rab_access_completions_for_cs_data_stream}+ {rab_access_completions_for_ps_data_conv}+ {rab_access_completions_for_ps_data_stream}+ {rab_access_completions_for_ps_data_intera}+ {rab_access_completions_for_ps_data_backg})	FLOAT	%	Percentage of PS Data Conversation RAB Access Completion against Total RAB Access Completion	Average, avg, nkcttbh, nkrttbh
_%_rab_access_completions_for_ps_data_stream	100 * {rab_access_completions_for_ps_data_stream}/ ({rab_access_completions_for_cs_voice}+ {rab_access_completions_for_cs_data_conv}+ {rab_access_completions_for_cs_data_stream}+ {rab_access_completions_for_ps_data_conv}+ {rab_access_completions_for_ps_data_stream}+ {rab_access_completions_for_ps_data_intera}+ {rab_access_completions_for_ps_data_backg})	FLOAT	%	Percentage of PS Data Streaming RAB Access Completion against Total RAB Access Completion	Average, avg, nkcttbh, nkrttbh
rab_access_comp_cs_stream_guar_bit_rate_dl	nok_nkcel_rabstaccmp_tab.rhlol6xahl26seccb00hw01qk4	INT8	#	The number of RAB access completed for CS streaming calls in case resources for the RAB are allocated according to guaranteed bit rate DL defined in RAB parameters. Possible only for	Sum, nkcttbh, nkrttbh, tot

				CS non-transparent data in streaming class.	
rab_access_comp_cs_stream_guar_bit_rate_ul	nok_nkcel_rabstaccmp_tab.rhkvmahahl26seccb00hw01qk4	INT8	#	The number of RAB access completed for CS streaming calls in case resources for the RAB are allocated according to guaranteed bit rate UL defined in RAB parameters. Possible only for CS non-transparent data in streaming class.	Sum, nkcttbh, nkrttbh, tot
rab_access_comp_ps_stream_guar_bit_rate_dl	nok_nkcel_rabstaccmp_tab.rhn6ba6ahl26seccb00hw01qk4	INT8	#	The number of RAB access completed for PS streaming calls in case resources for the RAB are allocated according to guaranteed bit rate DL defined in RAB parameters. Possible only for PS RT data in streaming class.	Sum, nkcttbh, nkrttbh, tot
rab_access_comp_ps_stream_guar_bit_rate_ul	nok_nkcel_rabstaccmp_tab.rhmg0flahl26seccb00hw01qk4	INT8	#	The number of RAB access completed for PS streaming calls in case resources for the RAB are allocated according to guaranteed bit rate UL defined in	Sum, nkcttbh, nkrttbh, tot

				RAB parameters. Possible only for PS RT data in streaming class.	
rab_access_complete_cs_streaming_57_6	nok_nkcel_rabstaccmp_tab.rhb6krlahl26seccb00hw01qk4	INT8	#	Number of RAB access completions for CS Streaming 57.6 kbps.	Sum, nkcttbh, nkrttbh, tot
rab_access_complete_cs_voice_wps	nok_nkcel_rabstaccmp_tab.uaqactf1im2ahsxr0035xkcuai	INTEGER	#	The number of RAB access completions for CS voice calls using Wireless Priority Service. Also M1001C115 RAB ACCESS COMPLETIONS FOR CS VOICE is updated along with this counter.	Sum, nkcttbh, nkrttbh, tot
rab_access_complete_ps_nrt_128_128	nok_nkcel_rabstaccmp_tab.rhhoiv2ahl26seccb00hw01qk4	INT8	#	The number of RAB access completions for PS NRT RAB with a bit rate of 128 kbps uplink/128 kbps downlink.	Sum, nkcttbh, nkrttbh, tot
rab_access_complete_ps_nrt_128_256	nok_nkcel_rabstaccmp_tab.uaqact21im2ahsxr0035xkcuai	INTEGER	#	Number of RAB access completions for PS NRT RAB with a bit rate of 128 kbps uplink/256 kbps downlink.	Sum, nkcttbh, nkrttbh, tot
rab_access_complete_ps_nrt_128_384	nok_nkcel_rabstaccmp_tab.rhipcrxahl26seccb00hw01qk4	INT8	#	The number of RAB access completions for PS NRT RAB with a bit rate of 128 kbps uplink/384 kbps downlink.	Sum, nkcttbh, nkrttbh, tot
rab_access_comple	nok_nkcel_rabstaccmp_tab	INT8	#	The number of	Sum,

te_ps_nrt_128_64	.rhgvwg6ahl26seccb00hw01qk4			RAB access completions for PS NRT RAB with a bit rate of 128 kbps uplink/64 kbps downlink.	nkcttbh, nkrttbh, tot
rab_access_complete_ps_nrt_384_384	nok_nkcel_rabstaccmp_tab.rhjgs26ahl26seccb00hw01qk4	INT8	#	The number of RAB access completions for PS NRT RAB with a bit rate of 384 kbps uplink/384 kbps downlink.	Sum, nkcttbh, nkrttbh, tot
rab_access_complete_ps_nrt_384_64	nok_nkcel_rabstaccmp_tab.rhk4nvxahl26seccb00hw01qk4	INT8	#	The number of RAB access completions for PS NRT RAB with a bit rate of 384 kbps uplink/64 kbps downlink.	Sum, nkcttbh, nkrttbh, tot
rab_access_complete_ps_nrt_64_128	nok_nkcel_rabstaccmp_tab.rhemyj6ahl26seccb00hw01qk4	INT8	#	The number of RAB access completions for PS NRT RAB with a bit rate of 64 kbps uplink/128 kbps downlink.	Sum, nkcttbh, nkrttbh, tot
rab_access_complete_ps_nrt_64_256	nok_nkcel_rabstaccmp_tab.rhffq5dahl26seccb00hw01qk4	INT8	#	The number of RAB access completions for PS NRT RAB with a bit rate of 64 kbps uplink/256 kbps downlink.	Sum, nkcttbh, nkrttbh, tot
rab_access_complete_ps_nrt_64_384	nok_nkcel_rabstaccmp_tab.rhg50spahl26seccb00hw01qk4	INT8	#	The number of RAB access completions for PS NRT RAB with a	Sum, nkcttbh, nkrttbh, tot

This edition applies to IBM® Tivoli® Netcool® Performance Manager for Wireless and to all subsequent releases and modifications until otherwise indicated in new editions.

				bit rate of 64 kbps uplink/384 kbps downlink.	
rab_access_complete_ps_nrt_64_64	nok_nkcel_rabstaccmp_tab.rhdveflahl26seccb00hw01qk4	INT8	#	The number of RAB access completions for PS NRT RAB with a bit rate of 64 kbps uplink/64 kbps downlink.	Sum, nkcttbh, nkrttbh, tot
rab_access_complete_ps_streaming_16_64_guar_16_64	nok_nkcel_rabstaccmp_tab.rhc5lrtahl26seccb00hw01qk4	INT8	#	The number of RAB access completions for PS Streaming RAB with a maximum bit rate of 16 kbps uplink/64 kbps downlink and guaranteed bit rate of 16 kbps uplink/64 kbps downlink.	Sum, nkcttbh, nkrttbh, tot
rab_access_complete_ps_streaming_16_64_guar_8_32	nok_nkcel_rabstaccmp_tab.rhd3od2ahl26seccb00hw01qk4	INT8	#	The number of RAB access completions for PS Streaming RAB with a maximum bit rate of 16 kbps uplink/64 kbps downlink and guaranteed bit rate of 8 kbps uplink/32 kbps downlink.	Sum, nkcttbh, nkrttbh, tot
rab_access_completions_for_cs_data_conv_64	nok_nkcel_rabstaccmp_tab.rh6p0dlahl26seccb00hw01qk4	INT8	#	The number of completed RAB access phases for 64 kbps CS data conversational.	Sum, nkcttbh, nkrttbh, tot
rab_access_completions_for_cs_data_conv	nok_nkcel_rabstaccmp_tab.rh1ynxtahl26seccb00hw01qk4	INT8	#	A number of RAB setup access completions for CS data calls with conversational class	Sum, nkcttbh, nkrttbh, tot

rab_access_completions_for_cs_data_stream_14_4	nok_nkcel_rabstaccmp_tab.rhahbglahl26seccb00hw01qk4	INT8	#	The number of completed RAB access phases for 14.4 kbps CS data streaming.	Sum, nkcttbh, nkrttbh, tot
rab_access_completions_for_cs_data_stream	nok_nkcel_rabstaccmp_tab.rh2rhmpahl26seccb00hw01qk4	INT8	#	A number of RAB setup access completions for CS data calls with streaming class	Sum, nkcttbh, nkrttbh, tot
rab_access_completions_for_cs_voice	nok_nkcel_rabstaccmp_tab.rh1aw0pahl26seccb00hw01qk4	INT8	#	A number of RAB setup access completions for CS voice calls	Sum, nkcttbh, nkrttbh, tot
rab_access_completions_for_ps_data_backg	nok_nkcel_rabstaccmp_tab.rh5w6pdahl26seccb00hw01qk4	INT8	#	A number of RAB setup access completions for PS calls with background class	Sum, nkcttbh, nkrttbh, tot
rab_access_completions_for_ps_data_conv	nok_nkcel_rabstaccmp_tab.rh3lk3hahl26seccb00hw01qk4	INT8	#	- Obsolete in RN2.2 - A number of RAB setup access completions for PS calls with conversational class	Sum, nkcttbh, nkrttbh, tot
rab_access_completions_for_ps_data_intera	nok_nkcel_rabstaccmp_tab.rh545hxahl26seccb00hw01qk4	INT8	#	A number of RAB setup access completions for PS calls with interactive class	Sum, nkcttbh, nkrttbh, tot
rab_access_completions_for_ps_data_stream	nok_nkcel_rabstaccmp_tab.rh4dlm6ahl26seccb00hw01qk4	INT8	#	A number of RAB setup access completions for PS calls with streaming class	Sum, nkcttbh, nkrttbh, tot
tot_rab_access_co	({tot_rab_access_completi	INT8	#	Total number of	Sum,

mpletions_all_cs_ps	ons_all_cs}+ {tot_rab_access_completions_all_ps})			RAB setup access completions for CS and PS Calls	nkcttbh, nkrttbh, tot
tot_rab_access_completions_all_cs	({rab_access_completions_for_cs_voice}+ {rab_access_completions_for_cs_data_conv}+ {rab_access_completions_for_cs_data_stream})	INT8	#	Total number of RAB setup access completions for CS Calls covering (Voice, Streaming and Conversational)	Sum, nkcttbh, nkrttbh, tot
tot_rab_access_completions_all_ps	({rab_access_completions_for_ps_data_conv}+ {rab_access_completions_for_ps_data_stream}+ {rab_access_completions_for_ps_data_intera}+ {rab_access_completions_for_ps_data_backg})	INT8	#	Total number of RAB setup access completions for PS calls covering (conversational, streaming, interactive and background)	Sum, nkcttbh, nkrttbh, tot

6.6.93 Cell.Nokia.UMTS.rab.setup_access_failure

RAB - Setup access failures statistics

KPI Name	Expression	Data Type	Units	Description	Aggregation
rab_setup_acc_fail_for_cs_data_call_conv_class_due_to_rnc_internal	nok_nkcel_rabstacfl_tab.rhxshepahl26seccb00hw01qk4	INT8	#	A number of RAB setup access failures for CS data calls with conversational class caused by RNCs internal reasons	Sum, nkcttbh, nkrttbh, tot
rab_setup_acc_fail_for_cs_data_call_conv_class_due_to_ue	nok_nkcel_rabstacfl_tab.rhx0mdhahl26seccb00hw01qk4	INT8	#	A number of RAB setup access failures for CS data calls with conversational class caused by the UE	Sum, nkcttbh, nkrttbh, tot
rab_setup_acc_fail_for_cs_data_call_stream_class_due_to_rnc_internal	nok_nkcel_rabstacfl_tab.ri0di6tahl26seccb00hw01qk4	INT8	#	A number of RAB setup access failures for CS data calls with streaming class caused by RNCs	Sum, nkcttbh, nkrttbh, tot

				internal reasons	
rab_setup_acc_fail_for_cs_data_call_stream_class_due_to_ue	nok_nkcel_rabstacfl_tab.rhyl34dahl26seccb00hw01qk4	INT8	#	A number of RAB setup access failures for CS data calls with streaming class caused by the UE	Sum, nkcttbh, nkrttbh, tot
rab_setup_acc_fail_for_cs_voice_call_due_to_rnc_internal	nok_nkcel_rabstacfl_tab.rhwbqylahl26seccb00hw01qk4	INT8	#	A number of RAB setup access failures for CS voice calls caused by RNCs internal reasons	Sum, nkcttbh, nkrttbh, tot
rab_setup_acc_fail_for_cs_voice_call_due_to_ue	nok_nkcel_rabstacfl_tab.rhvjoutahl26seccb00hw01qk4	INT8	#	A number of RAB setup access failures for CS voice calls caused by the UE	Sum, nkcttbh, nkrttbh, tot
rab_setup_acc_fail_for_ps_data_call_backg_class_due_to_rnc_internal	nok_nkcel_rabstacfl_tab.ria1rmhahl26seccb00hw01qk4	INT8	#	A number of RAB setup access failures for PS calls with background class caused by RNCs internal reasons	Sum, nkcttbh, nkrttbh, tot
rab_setup_acc_fail_for_ps_data_call_backg_class_due_to_ue	nok_nkcel_rabstacfl_tab.ri6cc3lahl26seccb00hw01qk4	INT8	#	A number of RAB setup access failures for PS calls with background class caused by the UE	Sum, nkcttbh, nkrttbh, tot
rab_setup_acc_fail_for_ps_data_call_conv_class_due_to_rnc_internal	nok_nkcel_rabstacfl_tab.ri1uywhahl26seccb00hw01qk4	INT8	#	- Obsolete in RN2.2 - A number of RAB setup access failures for PS calls with conversational class caused by RNCs internal reasons	Sum, nkcttbh, nkrttbh, tot
rab_setup_acc_fail_for_ps_data_call_conv_class_due_to	nok_nkcel_rabstacfl_tab.ri13g1hahl26seccb00hw01qk4	INT8	#	- Obsolete in RN2.2 - A number of RAB setup access failures	Sum, nkcttbh, nkrttbh,

This edition applies to IBM® Tivoli® Netcool® Performance Manager for Wireless and to all subsequent releases and modifications until otherwise indicated in new editions.

_ue				for PS calls with conversational class caused by the UE	tot
rab_setup_acc_fail_for_ps_data_call_intera_class_due_to_rnc_internal	nok_nkcel_rabstacfl_tab.ri5lmslahl26seccb00hw01qk4	INT8	#	A number of RAB setup access failures for PS calls with interactive class caused by RNCs internal reasons	Sum, nkcttbh, nkrttbh, tot
rab_setup_acc_fail_for_ps_data_call_intera_class_due_to_ue	nok_nkcel_rabstacfl_tab.ri4jpvpahl26seccb00hw01qk4	INT8	#	A number of RAB setup access failures for PS calls with interactive class caused by the UE	Sum, nkcttbh, nkrttbh, tot
rab_setup_acc_fail_for_ps_data_call_stream_class_due_to_rnc_internal	nok_nkcel_rabstacfl_tab.ri3m2cpahl26seccb00hw01qk4	INT8	#	A number of RAB setup access failures for PS calls with streaming class caused by RNCs internal reasons	Sum, nkcttbh, nkrttbh, tot
rab_setup_acc_fail_for_ps_data_call_stream_class_due_to_ue	nok_nkcel_rabstacfl_tab.ri2toh6ahl26seccb00hw01qk4	INT8	#	A number of RAB setup access failures for PS calls with streaming class caused by the UE	Sum, nkcttbh, nkrttbh, tot

6.6.94 Cell.Nokia.UMTS.rab.setup_attempts

RAB - Setup attempts statistics

KPI Name	Expression	Data Type	Units	Description	Aggregation
rab_setup_att_for_all_cs	{rab_setup_attempts_for_cs_voice} + {rab_setup_attempts_for_cs_data_conv} + {rab_setup_attempts_for_cs_data_stream}	INT8	#	Total RAB setup attempts for all CS calls	Sum, nkcttbh, nkrttbh, tot
rab_setup_att_for_all_ps	{rab_setup_attempts_for_ps_data_conv} + {rab_setup_attempts_for_ps_data_stream} +	INT8	#	Total RAB setup attempts for all PS calls	Sum, nkcttbh, nkrttbh, tot

	{rab_setup_attempts_for_ps_data_intera} + {rab_setup_attempts_for_ps_data_backg}				
rab_setup_attempt_cs_amr_multimode	nok_rab_setup_attempts_tab.wlieks2afq2ahdvuj02uauibev	INTEGER	#	Number of RAB setup attempts for CS AMR Multimode calls.	Sum, nkcttbh, nkrttbh, tot
rab_setup_attempt_cs_conversational_64	nok_rab_setup_attempts_tab.rihoeexahl26seccb00hw01qk4	INT8	#	Number of RAB setup attempts for CS Conversational 64 kbps.	Sum, nkcttbh, nkrttbh, tot
rab_setup_attempt_cs_streaming_14_4	nok_rab_setup_attempts_tab.riihdthahl26seccb00hw01qk4	INT8	#	Number of RAB setup attempt for CS Streaming 14.4 kbps.	Sum, nkcttbh, nkrttbh, tot
rab_setup_attempt_cs_streaming_57_6	nok_rab_setup_attempts_tab.rije6r2ahl26seccb00hw01qk4	INT8	#	Number of RAB setup attempts for CS Streaming 57.6 kbps.	Sum, nkcttbh, nkrttbh, tot
rab_setup_attempt_cs_voice_wps	nok_rab_setup_attempts_tab.uaqact61im2ahsxr0035xkcuai	INTEGER	#	The number of RAB setup attempts for CS voice calls using Wireless Priority Service. Also M1001C66 RAB SETUP ATTEMPTS FOR CS VOICE is updated along with this counter.	Sum, nkcttbh, nkrttbh, tot
rab_setup_attempt_ps_nrt_128_128	nok_rab_setup_attempts_tab.riptxmxahl26seccb00hw01qk4	INT8	#	The number of RAB setup attempts for PS NRT RAB with a bit rate of 128 kbps uplink/128 kbps	Sum, nkcttbh, nkrttbh, tot

				downlink.	
rab_setup_attempt_ps_nrt_128_256	nok_rab_setup_attempts_tab.uaqact01im2ahsxr0035xkcuai	INTEGER	#	Number of RAB setup attempts for PS NRT RAB with a bit rate of 128 kbps uplink/ 256 kbps downlink.	Sum, nkcttbh, nkrttbh, tot
rab_setup_attempt_ps_nrt_128_384	nok_rab_setup_attempts_tab.riqlbypahl26seccb00hw01qk4	INT8	#	The number of RAB setup attempts for PS NRT RAB with a bit rate of 128 kbps uplink/384 kbps downlink.	Sum, nkcttbh, nkrttbh, tot
rab_setup_attempt_ps_nrt_128_64	nok_rab_setup_attempts_tab.rip3fopahl26seccb00hw01qk4	INT8	#	The number of RAB setup attempts for PS NRT RAB with a bit rate of 128 kbps uplink/64 kbps downlink.	Sum, nkcttbh, nkrttbh, tot
rab_setup_attempt_ps_nrt_384_384	nok_rab_setup_attempts_tab.rird5wtahl26seccb00hw01qk4	INT8	#	The number of RAB setup attempts for PS NRT RAB with a bit rate of 384 kbps uplink/384 kbps downlink.	Sum, nkcttbh, nkrttbh, tot
rab_setup_attempt_ps_nrt_384_64	nok_rab_setup_attempts_tab.ris2cthahl26seccb00hw01qk4	INT8	#	The number of RAB setup attempts for PS NRT RAB with a bit rate of 384 kbps uplink/64 kbps downlink.	Sum, nkcttbh, nkrttbh, tot
rab_setup_attempt_ps_nrt_64_128	nok_rab_setup_attempts_tab.rimrv26ahl26seccb00hw01qk4	INT8	#	Number of RAB setup attempts for PS NRT RAB with a bit rate of 64 kbps uplink/128 kbps downlink.	Sum, nkcttbh, nkrttbh, tot
rab_setup_attempt_ps_nrt_64_256	nok_rab_setup_attempts_tab.rinkx36ahl26seccb00hw0	INT8	#	Number of RAB setup attempts for	Sum, nkcttbh,

	1qk4			PS NRT RAB with a bit rate of 64 kbps uplink/256 kbps downlink.	nkrttbh, tot
rab_setup_attempt_ps_nrt_64_384	nok_rab_setup_attempts_tab.riodnl6ahl26seccb00hw01qk4	INT8	#	Number of RAB setup attempts for PS NRT RAB with a bit rate of 64 kbps uplink/384 kbps downlink.	Sum, nkcttbh, nkrttbh, tot
rab_setup_attempt_ps_nrt_64_64	nok_rab_setup_attempts_tab.rily2htahl26seccb00hw01qk4	INT8	#	Number of RAB setup attempts for PS NRT RAB with a bit rate of 64 kbps uplink/64 kbps downlink.	Sum, nkcttbh, nkrttbh, tot
rab_setup_attempt_ps_streaming_16_64_guar_16_64	nok_rab_setup_attempts_tab.rik3dalahl26seccb00hw01qk4	INT8	#	Number of RAB setup attempts for PS Streaming RAB with a maximum bit rate of 16 kbps uplink/64 kbps downlink and guaranteed bit rate of 16 kbps uplink/64 kbps downlink.	Sum, nkcttbh, nkrttbh, tot
rab_setup_attempt_ps_streaming_16_64_guar_8_32	nok_rab_setup_attempts_tab.ril50c2ahl26seccb00hw01qk4	INT8	#	Number of RAB setup attempts for PS Streaming RAB with a maximum bit rate of 16 kbps uplink/64 kbps downlink and guaranteed bit rate of 8 kbps uplink/32 kbps downlink.	Sum, nkcttbh, nkrttbh, tot
rab_setup_attempts	nok_rab_setup_attempts_ta	INT8	#	A number of RAB	Sum,

_for_cs_data_conv	b.ribljd2ahl26seccb00hw01qk4			setup attempts for CS data calls with conservational class	nkcttbh, nkrttbh, tot
rab_setup_attempts_for_cs_data_stream	nok_rab_setup_attempts_tab.ricdjf6ahl26seccb00hw01qk4	INT8	#	A number of RAB setup attempts for CS data calls with streaming class	Sum, nkcttbh, nkrttbh, tot
rab_setup_attempts_for_cs_voice	nok_rab_setup_attempts_tab.riaswr2ahl26seccb00hw01qk4	INT8	#	A number of RAB setup attempts for CS voice calls	Sum, nkcttbh, nkrttbh, tot
rab_setup_attempts_for_ps_data_backg	nok_rab_setup_attempts_tab.rifei32ahl26seccb00hw01qk4	INT8	#	A number of RAB setup attempts for PS calls with background class. For NRT services the RAB can be established without an immediate reservation of radio resources (unlike RT services). The radio resources will be allocated on demand using as signalling link between the MS and RNC	Sum, nkcttbh, nkrttbh, tot
rab_setup_attempts_for_ps_data_conv	nok_rab_setup_attempts_tab.rid2qcpahl26seccb00hw01qk4	INT8	#	- Obsolete in RN2.2 - A number of RAB setup attempts for PS calls with conservational class	Sum, nkcttbh, nkrttbh, tot
rab_setup_attempts_for_ps_data_intera	nok_rab_setup_attempts_tab.riemlrdahl26seccb00hw01qk4	INT8	#	A number of RAB setup attempts for PS calls with interactive class. For NRT services the RAB can be established without an immediate reservation of radio resources (unlike	Sum, nkcttbh, nkrttbh, tot

				RT services). The radio resources will be allocated on demand using as signalling link between the MS and RNC	
rab_setup_attempts_for_ps_data_stream	nok_rab_setup_attempts_tab.riduppdahl26seccb00hw01qk4	INT8	#	A number of RAB setup attempts for PS calls with streaming class	Sum, nkcttbh, nkrttbh, tot

6.6.95 Cell.Nokia.UMTS.rab.setup_complete

RAB - Setup completions statistics

KPI Name	Expression	Data Type	Units	Description	Aggregation
_%_rab_setup_comp_for_all_cs	100 * {rab_setup_comp_for_all_cs}/ {Nokia.rab.setup_attempts.rab_setup_att_for_all_cs}	FLOAT	%	Percentage of total RAB setup completions for Circuit switched Calls (cf. Voice, streaming and conversational classes)	Average, avg, nkcttbh, nkrttbh
_%_rab_setup_comp_for_all_ps	100 * {rab_setup_comp_for_all_ps}/ {Nokia.rab.setup_attempts.rab_setup_att_for_all_ps}	FLOAT	%	Percentage of RAB setup completions for all Packet switched calls (cf. conversational, streaming, interactive and background classes)	Average, avg, nkcttbh, nkrttbh
_%_successful_cs_calls_per_qos_type_for_conversation_cl	100 * {rab_setup_completions_for_cs_data_conv}/ ({rab_setup_completions_f	FLOAT	%	Percentage of successful Circuit switched Calls per QoS Type for	Average, avg, nkcttbh, nkrttbh

ass	or_cs_voice}+ {rab_setup_completions_for_cs_data_conv}+ {rab_setup_completions_for_cs_data_stream})			Conversational Class	
_%_successful_cs_calls_per_qos_type_for_streaming_class	100 * {rab_setup_completions_for_cs_data_stream}/ ({rab_setup_completions_for_cs_voice}+ {rab_setup_completions_for_cs_data_conv}+ {rab_setup_completions_for_cs_data_stream})	FLOAT	%	Percentage of successful Circuit switched Calls per QoS Type for Streaming Class	Average, avg, nkcttbh, nkrttbh
_%_successful_cs_calls_per_qos_type_for_voice_calls	100 * {rab_setup_completions_for_cs_voice}/ ({rab_setup_completions_for_cs_voice}+ {rab_setup_completions_for_cs_data_conv}+ {rab_setup_completions_for_cs_data_stream})	FLOAT	%	Percentage of successful Circuit switched Calls per QoS Type for Voice Class	Average, avg, nkcttbh, nkrttbh
_%_successful_ps_calls_per_qos_type_for_background_class	100 * {rab_setup_completions_for_ps_data_backg}/ {rab_setup_comp_for_all_ps}	FLOAT	%	Percentage of successful Packet switched Calls per QoS Type for background Class	Average, avg, nkcttbh, nkrttbh
_%_successful_ps_calls_per_qos_type_for_conversational_class	100 * {rab_setup_completions_for_ps_data_conv}/ {rab_setup_comp_for_all_ps}	FLOAT	%	Percentage of successful Packet switched Calls per QoS Type for Conversational Class	Average, avg, nkcttbh, nkrttbh
_%_successful_ps_calls_per_qos_type_for_interactive_class	100 * {rab_setup_completions_for_ps_data_intera}/ {rab_setup_comp_for_all_ps}	FLOAT	%	Percentage of successful Packet switched Calls per QoS Type for interactive Class	Average, avg, nkcttbh, nkrttbh
_%_successful_ps_calls_per_qos_type_	100 * {rab_setup_completions_for_ps_data_stream}/	FLOAT	%	Percentage of successful Packet switched Calls per	Average, avg, nkcttbh,

for_streaming_class	{rab_setup_comp_for_all_ps}			QoS Type for Streaming Class	nkrttbh
rab_setup_comp_cs_stream_guar_bit_rate_dl	nok_rab_setup_complete_tab.rjbetyhahl26seccb00hw01qk4	INT8	#	The number of RAB setups completed for non-transparent CS data calls in streaming traffic class with resources reserved according to guaranteed bit rate DL in RAB parameters. Possible only for CS non-transparent data in streaming class.	Sum, nkcttbh, nkrttbh, tot
rab_setup_comp_cs_stream_guar_bit_rate_ul	nok_rab_setup_complete_tab.rjamdn2ahl26seccb00hw01qk4	INT8	#	The number of RAB setups completed for non-transparent CS data calls in streaming traffic class with resources reserved according to guaranteed bit rate UL in RAB parameters. Possible only for CS non-transparent data in streaming class.	Sum, nkcttbh, nkrttbh, tot
rab_setup_comp_for_all_cs	{rab_setup_completions_for_cs_voice} + {rab_setup_completions_for_cs_data_conv} + {rab_setup_completions_for_cs_data_stream}	INT8	#	Total RAB setup completions for Circuit switched Calls (cf. Voice, streaming and conversational classes)	Sum, nkcttbh, nkrttbh, tot

rab_setup_comp_for_all_ps	{rab_setup_completions_for_ps_data_conv} + {rab_setup_completions_for_ps_data_stream} + {rab_setup_completions_for_ps_data_intera} + {rab_setup_completions_for_ps_data_backg}	INT8	#	Total RAB setup completions for all Packet switched calls (cf. conversational, streaming, interactive and background classes)	Sum, nkcttbh, nkrttbh, tot
rab_setup_comp_ps_stream_guar_bit_rate_dl	nok_rab_setup_complete_tab.rj6ugspahl26seccb00hw01qk4	INT8	#	The number of RAB setups completed for PS calls in streaming traffic class with resources reserved according to guaranteed bit rate DL in RAB parameters.	Sum, nkcttbh, nkrttbh, tot
rab_setup_comp_ps_stream_guar_bit_rate_ul	nok_rab_setup_complete_tab.rj630mlahl26seccb00hw01qk4	INT8	#	The number of RAB setups completed for PS calls in streaming traffic class with resources reserved according to guaranteed bit rate UL in RAB parameters.	Sum, nkcttbh, nkrttbh, tot
rab_setup_complete_cs_voice_wps	nok_rab_setup_complete_tab.uaqactb1im2ahsxr0035xkcuai	INTEGER	#	The number of RAB setup completions for CS voice calls using Wireless Priority Service. Also M1001C73 RAB SETUP COMPLETIONS FOR CS VOICE is updated along with this counter.	Sum, nkcttbh, nkrttbh, tot
rab_setup_completions_for_cs_data_conv	nok_rab_setup_complete_tab.ritl1blahl26seccb00hw01qk4	INT8	#	A number of RAB setup completions for CS data calls	Sum, nkcttbh, nkrttbh,

				with conservational class	tot
rab_setup_completions_for_cs_data_stream	nok_rab_setup_complete_tab.riud4jlahl26seccb00hw01qk4	INT8	#	A number of RAB setup completions for CS data calls with streaming class	Sum, nkcttbh, nkrttbh, tot
rab_setup_completions_for_cs_voice	nok_rab_setup_complete_tab.rissu5dahl26seccb00hw01qk4	INT8	#	A number of RAB setup completions for CS voice calls	Sum, nkcttbh, nkrttbh, tot
rab_setup_completions_for_ps_data_backg	nok_rab_setup_complete_tab.rixe6apahl26seccb00hw01qk4	INT8	#	A number of RAB setup completions for PS calls with background class	Sum, nkcttbh, nkrttbh, tot
rab_setup_completions_for_ps_data_conv	nok_rab_setup_complete_tab.riv1j16ahl26seccb00hw01qk4	INT8	#	- Obsolete in RN2.2 - A number of RAB setup completions for PS calls with conservational class	Sum, nkcttbh, nkrttbh, tot
rab_setup_completions_for_ps_data_intera	nok_rab_setup_complete_tab.riwldhpahl26seccb00hw01qk4	INT8	#	A number of RAB setup completions for PS calls with interactive class	Sum, nkcttbh, nkrttbh, tot
rab_setup_completions_for_ps_data_stream	nok_rab_setup_complete_tab.rivscvlahl26seccb00hw01qk4	INT8	#	A number of RAB setup completions for PS calls with streaming class	Sum, nkcttbh, nkrttbh, tot

6.6.96 Cell.Nokia.UMTS.rab.setup_failure_cs

RAB - Setup failure for CS service statistics

KPI Name	Expression	Data Type	Units	Description	Aggregation
_%_cs_blocking_rat	100 * {rab_setup_fail_for_all_cs	FLOAT	%	Percentage of RAB setup block for all	Average, avg,

io	}/ {Nokia.rab.setup_attempts. rab_setup_att_for_all_cs}			Circuit switched calls (cf. Voice, streaming and conversational classes)	nkcttbh, nkrttbh
_%_rab_setup_fail_ cs_conv	100 * ({rab_setup_failures_due_t o_ac_for_cs_data_conv}+ {rab_setup_failures_due_to _bts_for_cs_data_conv}+ {rab_setup_failures_due_to _transport_for_cs_data_co nv}+ {rab_setup_failures_due_to _rnc_for_cs_data_conv}+ {rab_setup_failures_due_to _frozen_bts_for_cs_data_c onv})/ {Nokia.rab.setup_attempts. rab_setup_attempts_for_cs _data_conv}	FLOAT	%	Percentage of RAB CS conv setup failures for all causes	Average, avg, nkcttbh, nkrttbh
_%_rab_setup_fail_ cs_stream	100 * ({rab_setup_failures_due_t o_ac_for_cs_data_stream} + {rab_setup_failures_due_to _bts_for_cs_data_stream}+ {rab_setup_failures_due_to _transport_for_cs_data_str eam}+ {rab_setup_failures_due_to _rnc_for_cs_data_stream}+ {rab_setup_failures_due_to _frozen_bts_for_cs_data_st ream})/ {Nokia.rab.setup_attempts. rab_setup_attempts_for_cs _data_stream}	FLOAT	%	Percentage of RAB CS stream setup failures for all causes	Average, avg, nkcttbh, nkrttbh
_%_rab_setup_fail_ cs_voice	100 * ({rab_setup_failures_due_t o_ac_for_cs_voice}+ {rab_setup_failures_due_to _bts_for_cs_voice}+ {rab_setup_failures_due_to	FLOAT	%	Percentage of RAB CS voice setup failures for all causes	Average, avg, nkcttbh, nkrttbh

	_transport_for_cs_voice}+ {rab_setup_failures_due_to_rnc_for_cs_voice}+ {rab_setup_failures_due_to_frozen_bts_for_cs_voice})/ {Nokia.rab.setup_attempts.rab_setup_attempts_for_cs_voice}				
rab_setup_fail_for_all_cs	{Nokia.rab.setup_attempts.rab_setup_att_for_all_cs} - {Nokia.rab.setup_complete.rab_setup_comp_for_all_cs}	INT8	#	Total RAB setup Failures for Circuit switched Calls (cf. Voice, streaming and conversational classes)	Sum, nkcttbh, nkrttbh, tot
rab_setup_failure_cs_voice_wps	nok_nkcel_rabstflcs_tab.uaqactd1im2ahsxr0035xkcuai	INTEGER	#	The number of RAB setup failures for CS voice calls using Wireless Priority Service. Also some other RAB SETUP FAILURE counter is updated along with this counter.	Sum, nkcttbh, nkrttbh, tot
rab_setup_failures_due_to_ac_for_cs_data_conv	nok_nkcel_rabstflcs_tab.rjhhxixahl26seccb00hw01qk4	INT8	#	A number of CS data RAB setup failures with conservational class caused by an AC.	Sum, nkcttbh, nkrttbh, tot
rab_setup_failures_due_to_ac_for_cs_data_stream	nok_nkcel_rabstflcs_tab.rjlebphahl26seccb00hw01qk4	INT8	#	A number of CS data RAB setup failures with streaming class caused by an AC	Sum, nkcttbh, nkrttbh, tot
rab_setup_failures_due_to_ac_for_cs_voice	nok_nkcel_rabstflcs_tab.rjdpeapahl26seccb00hw01qk4	INT8	#	A number of CS voice RAB setup failures caused by an AC	Sum, nkcttbh, nkrttbh, tot

This edition applies to IBM® Tivoli® Netcool® Performance Manager for Wireless and to all subsequent releases and modifications until otherwise indicated in new editions.

rab_setup_failures_due_to_bts_for_cs_data_conv	nok_nkcel_rabstflcs_tab.rjia3y6ahl26seccb00hw01qk4	INT8	#	A number of CS data RAB setup failures with conservational class caused by the BTS. When the BTS rejects RADIO LINK RECONFIGURATION PREPARATION (eg. due to an equipment failure, hardware overload, message corruption), that RAB setup fails	Sum, nkcttbh, nkrttbh, tot
rab_setup_failures_due_to_bts_for_cs_data_stream	nok_nkcel_rabstflcs_tab.rjm546hahl26seccb00hw01qk4	INT8	#	A number of CS data RAB setup failures with streaming class caused a the BTS. When the BTS rejects RADIO LINK RECONFIGURATION PREPARATION (eg. due to an equipment failure, hardware overload, message corruption), that RAB setup fails	Sum, nkcttbh, nkrttbh, tot
rab_setup_failures_due_to_bts_for_cs_voice	nok_nkcel_rabstflcs_tab.rjehkp6ahl26seccb00hw01qk4	INT8	#	A number of CS voice RAB setup failures caused by a BTS. When a BTS rejects a RADIO LINK RECONFIGURATION PREPARATION (eg. Due to an equipment failure, hardware overload, message corruption), the RAB setup fails	Sum, nkcttbh, nkrttbh, tot

rab_setup_failures_due_to_frozen_bts_for_cs_data_conv	nok_nkcel_rabstflcs_tab.rjkkxuhahl26seccb00hw01qk4	INT8	#	A number of CS data RAB setup failures with conservational class due to a frozen BTS	Sum, nkcttbh, nkrttbh, tot
rab_setup_failures_due_to_frozen_bts_for_cs_data_stream	nok_nkcel_rabstflcs_tab.rjok1hpahl26seccb00hw01qk4	INT8	#	A number of CS data RAB setup failures with streaming class due to a frozen BTS	Sum, nkcttbh, nkrttbh, tot
rab_setup_failures_due_to_frozen_bts_for_cs_voice	nok_nkcel_rabstflcs_tab.rjgpvbhahl26seccb00hw01qk4	INT8	#	A number of CS voice RAB setup failures due to a frozen BTS	Sum, nkcttbh, nkrttbh, tot
rab_setup_failures_due_to_iub_aal2_trans_for_cs_data_conv	nok_nkcel_rabstflcs_tab.rjtmyxhahl26seccb00hw01qk4	INT8	#	The number of RAB setup failures caused by Iub AAL2 transport resource shortage for CS data conversational.	Sum, nkcttbh, nkrttbh, tot
rab_setup_failures_due_to_iub_aal2_trans_for_cs_data_stream	nok_nkcel_rabstflcs_tab.rjufdcdahl26seccb00hw01qk4	INT8	#	The number of RAB setup failures caused by a lack of Iub AAL2 transport resources for CS data streaming.	Sum, nkcttbh, nkrttbh, tot
rab_setup_failures_due_to_iub_aal2_trans_for_cs_voice	nok_nkcel_rabstflcs_tab.rjsujqdahl26seccb00hw01qk4	INT8	#	The number of RAB setup failures caused by Iub AAL2 transport resource shortage for CS voice.	Sum, nkcttbh, nkrttbh, tot
rab_setup_failures_due_to_rnc_for_cs_data_conv	nok_nkcel_rabstflcs_tab.rjjsg4xahl26seccb00hw01qk4	INT8	#	A number of CS data RAB setup failures with conservational class caused by RNCs internal reasons (eg.	Sum, nkcttbh, nkrttbh, tot

				parameter mismatch, timer expiry), the RAB setup fails	
rab_setup_failures_due_to_rnc_for_cs_data_stream	nok_nkcel_rabstflcs_tab.rjnqj5lahl26seccb00hw01qk4	INT8	#	A number of CS data RAB setup failures with streaming class caused by RNCs internal reasons (eg. parameter mismatch, timer expiry), the RAB setup fails	Sum, nkcttbh, nkrttbh, tot
rab_setup_failures_due_to_rnc_for_cs_voice	nok_nkcel_rabstflcs_tab.rjfybnhahl26seccb00hw01qk4	INT8	#	A number of CS voice RAB setup failures caused by RNCs internal reasons. When the RAN connection setup is rejected due to RNCs internal reasons (eg. parameter mismatch, timer expiry), the RAB setup fails	Sum, nkcttbh, nkrttbh, tot
rab_setup_failures_due_to_transport_for_cs_data_conv	nok_nkcel_rabstflcs_tab.rjj0h62ahl26seccb00hw01qk4	INT8	#	A number of CS data RAB setup failures with conservational class caused by transmission	Sum, nkcttbh, nkrttbh, tot
rab_setup_failures_due_to_transport_for_cs_data_stream	nok_nkcel_rabstflcs_tab.rjmx1ttahl26seccb00hw01qk4	INT8	#	A number of CS data RAB setup failures with streaming class caused by transmission	Sum, nkcttbh, nkrttbh, tot
rab_setup_failures_due_to_transport_for_cs_voice	nok_nkcel_rabstflcs_tab.rjf6jipahl26seccb00hw01qk4	INT8	#	A number of CS voice RAB setup failures caused by transmission	Sum, nkcttbh, nkrttbh, tot
rab_setup_not_started_due_to_not_supported_parameters_for_cs	nok_nkcel_rabstflcs_tab.rjr1ld2ahl26seccb00hw01qk4	INT8	#	The number of occasions when the CS RAB setup attempt is not started due to requested	Sum, nkcttbh, nkrttbh, tot

				parameters are not supported by the RNC. The RAB setup attempt counter is not updated in this case.	
rab_setup_not_started_due_to_ue_capability_for_cs	nok_nkcel_rabstflcs_tab.rjrup1tahl26seccb00hw01qk4	INT8	#	The number of occasions when the CS RAB setup attempt is not started due to requested parameters are not supported by the UE. The RAB setup attempt counter is not updated in this case.	Sum, nkcttbh, nkrttbh, tot
rab_stp_fail_cs_conv_iu_cs	nok_nkcel_rabstflcs_tab.xdrxai2dmm2aicsd002uaxybdk	INTEGER	#	The number of failed CS Conversational data traffic class RAB setups due to Iu-CS transport resources. Also counter M1001C87 is updated with this counter.	Sum, nkcttbh, nkrttbh, tot
rab_stp_fail_cs_conv_iur_tr	nok_nkcel_rabstflcs_tab.xdrxahtdmm2aicsd002uaxybdk	INTEGER	#	The number of failed CS Conversational data traffic class RAB setups due to Iur transport resources. Also counter M1001C87 is updated with this counter.	Sum, nkcttbh, nkrttbh, tot
rab_stp_fail_cs_stre_iu_cs	nok_nkcel_rabstflcs_tab.xdrxai4dmm2aicsd002uaxybdk	INTEGER	#	The number of failed CS Streaming traffic class RAB setups	Sum, nkcttbh, nkrttbh,

				due to Iu-CS transport resources. Also counter M1001C92 is updated with this counter.	tot
rab_stp_fail_cs_stre_iur_tr	nok_nkcel_rabstflcs_tab.xdrxahvdmm2aicsd002uaxybdk	INTEGER	#	The number of failed CS Streaming traffic class RAB setups due to Iur transport resources. Also counter M1001C92 is updated with this counter.	Sum, nkcttbh, nkrttbh, tot
rab_stp_fail_cs_voice_iu_cs	nok_nkcel_rabstflcs_tab.xdrxai0dmm2aicsd002uaxybdk	INTEGER	#	The number of failed CS voice RAB setups due to Iu-CS transport resources. Also counter M1001C82 is updated with this counter.	Sum, nkcttbh, nkrttbh, tot
rab_stp_fail_cs_voice_iur_tr	nok_nkcel_rabstflcs_tab.xdrxahrdmm2aicsd002uaxybdk	INTEGER	#	The number of failed CS voice RAB setups due to Iur transport resources. Also counter M1001C82 is updated with this counter.	Sum, nkcttbh, nkrttbh, tot
rab_stp_fail_cs_voice_lic	nok_nkcel_rabstflcs_tab.xdrxahndmm2aicsd002uaxybdk	INTEGER	#	The number of RAB setup failures caused by AMR capacity license exceeded for CS voice.	Sum, nkcttbh, nkrttbh, tot
tot_rab_setup_fail_cs_conv	({rab_setup_failures_due_to_ac_for_cs_data_conv}+ {rab_setup_failures_due_to_bts_for_cs_data_conv}+ {rab_setup_failures_due_to_transport_for_cs_data_conv}+ {rab_setup_failures_due_to	INT8	#	Total RAB CS voice setup failures for all causes	Sum, nkcttbh, nkrttbh, tot

	_rnc_for_cs_data_conv}+ {rab_setup_failures_due_to_frozen_bts_for_cs_data_conv})				
tot_rab_setup_fail_cs_stream	({rab_setup_failures_due_to_ac_for_cs_data_stream} + {rab_setup_failures_due_to_bts_for_cs_data_stream}+ {rab_setup_failures_due_to_transport_for_cs_data_stream}+ {rab_setup_failures_due_to_rnc_for_cs_data_stream}+ {rab_setup_failures_due_to_frozen_bts_for_cs_data_stream})	INT8	#	Total RAB CS voice setup failures for all causes	Sum, nkcttbh, nkrttbh, tot
tot_rab_setup_fail_cs_voice	({rab_setup_failures_due_to_ac_for_cs_voice}+ {rab_setup_failures_due_to_bts_for_cs_voice}+ {rab_setup_failures_due_to_transport_for_cs_voice}+ {rab_setup_failures_due_to_rnc_for_cs_voice}+ {rab_setup_failures_due_to_frozen_bts_for_cs_voice})	INT8	#	Total RAB CS voice setup failures for all causes	Sum, nkcttbh, nkrttbh, tot

6.6.97 Cell.Nokia.UMTS.rab.setup_failure_ps

RAB - Setup failure for PS service statistics

KPI Name	Expression	Data Type	Units	Description	Aggregation
_%_ps_blocking_ratio	100 * (({Nokia.rab.setup_attempts.rab_setup_attempts_for_ps_data_conv} +	FLOAT	%	Percentage of RAB setup block for all Packet switched calls (cf.	Average, avg, nkcttbh, nkrttbh

	{Nokia.rab.setup_attempts.rab_setup_attempts_for_ps_data_stream} + {Nokia.rab.setup_attempts.rab_setup_attempts_for_ps_data_intera} + {Nokia.rab.setup_attempts.rab_setup_attempts_for_ps_data_backg}) - ({Nokia.rab.setup_complete.rab_setup_completions_for_ps_data_conv} + {Nokia.rab.setup_complete.rab_setup_completions_for_ps_data_stream} + {Nokia.rab.setup_complete.rab_setup_completions_for_ps_data_intera} + {Nokia.rab.setup_complete.rab_setup_completions_for_ps_data_backg}))/ ({Nokia.rab.setup_attempts.rab_setup_attempts_for_ps_data_conv} + {Nokia.rab.setup_attempts.rab_setup_attempts_for_ps_data_stream} + {Nokia.rab.setup_attempts.rab_setup_attempts_for_ps_data_intera} + {Nokia.rab.setup_attempts.rab_setup_attempts_for_ps_data_backg})			conversational, streaming, interactive and background classes)	
dch_setup_failures_due_to_iub_aal2_trans_for_ps_data_backg	nok_nkcel_rabstflps_tab.rkgh5mtahl26seccb00hw01qk4	INT8	#	The number of DCH setup failures caused by Iub AAL2 transport resource shortage for PS data background.	Sum, nkcttbh, nkrttbh, tot
dch_setup_failures_due_to_iub_aal2_trans_for_ps_data_intera	nok_nkcel_rabstflps_tab.rkcl346ahl26seccb00hw01qk4	INT8	#	A number of PS call RAB setup failures for interactive class caused by transmission	Sum, nkcttbh, nkrttbh, tot

rab_setup_fail_for_all_ps	{Nokia.rab.setup_attempts.rab_setup_att_for_all_ps} - {Nokia.rab.setup_complete.rab_setup_comp_for_all_ps}	INT8	#	Total RAB setup failures for all Packet switched calls (cf. conversational, streaming, interactive and background classes)	Sum, nkcttbh, nkrttbh, tot
rab_setup_failures_due_to_ac_for_ps_data_backg	nok_nkcel_rabstflps_tab.rkfpmc2ahl26seccb00hw01qk4	INT8	#	A number of PS call RAB setup failures for background class caused by an AC.	Sum, nkcttbh, nkrttbh, tot
rab_setup_failures_due_to_ac_for_ps_data_conv	nok_nkcel_rabstflps_tab.rk0q0m2ahl26seccb00hw01qk4	INT8	#	- Obsolete in RN2.2 - A number of PS call RAB setup for conservational class failures caused by an AC.	Sum, nkcttbh, nkrttbh, tot
rab_setup_failures_due_to_ac_for_ps_data_intera	nok_nkcel_rabstflps_tab.rkbs5dtahl26seccb00hw01qk4	INT8	#	A number of PS call RAB setup failures for interactive class caused by an AC.	Sum, nkcttbh, nkrttbh, tot
rab_setup_failures_due_to_ac_for_ps_data_stream	nok_nkcel_rabstflps_tab.rk4qsvdahl26seccb00hw01qk4	INT8	#	A number of PS call RAB setup failures for streaming class caused by an AC.	Sum, nkcttbh, nkrttbh, tot
rab_setup_failures_due_to_anchoring_for_ps_data_backg	nok_nkcel_rabstflps_tab.rkhxlj6ahl26seccb00hw01qk4	INT8	#	A number of PS call RAB setup failures for background class caused by the anchoring RNC case. When the RNC rejects an NRT RAB setup attempt due the anchoring RNC case	Sum, nkcttbh, nkrttbh, tot
rab_setup_failures_due_to_anchoring	nok_nkcel_rabstflps_tab.rke5oadahl26seccb00hw01qk	INT8	#	A number of PS call RAB setup failures	Sum, nkcttbh,

_for_ps_data_intera	4			for interactive class caused by the anchoring RNC case. When the RNC rejects an NRT RAB setup attempt due the anchoring RNC case	nkrttbh, tot
rab_setup_failures_due_to_bts_for_ps_data_conv	nok_nkcel_rabstflps_tab.rk1is5lahl26seccb00hw01qk4	INT8	#	- Obsolete in RN2.2 - A number of PS call RAB setup failures for conservational class caused by the BTS. When the BTS rejects RADIO LINK RECONFIGURATION PREPARATION (eg. due to an equipment failure, hardware overload, message corruption), that RAB setup f	Sum, nkcttbh, nkrttbh, tot
rab_setup_failures_due_to_bts_for_ps_data_stream	nok_nkcel_rabstflps_tab.rk5jrolahl26seccb00hw01qk4	INT8	#	A number of PS call RAB setup failures for streaming class caused by the BTS. When the BTS rejects RADIO LINK RECONFIGURATION PREPARATION (eg. due to an equipment failure, hardware overload, message corruption), that RAB setup fails	Sum, nkcttbh, nkrttbh, tot
rab_setup_failures_due_to_frozen_bts_for_ps_data_backg	nok_nkcel_rabstflps_tab.rkirjetahl26seccb00hw01qk4	INT8	#	A number of PS call RAB setup failures for background class due to a frozen BTS	Sum, nkcttbh, nkrttbh, tot

rab_setup_failures_due_to_frozen_bts_for_ps_data_conv	nok_nkcel_rabstflps_tab.rk3wwbpahl26seccb00hw01qk4	INT8	#	- Obsolete in RN2.2 - A number of PS call RAB setup failures for conservational class due to a frozen BTS	Sum, nkcttbh, nkrttbh, tot
rab_setup_failures_due_to_frozen_bts_for_ps_data_intera	nok_nkcel_rabstflps_tab.rkexkbhahl26seccb00hw01qk4	INT8	#	A number of PS call RAB setup failures for interactive class due to a frozen BTS	Sum, nkcttbh, nkrttbh, tot
rab_setup_failures_due_to_frozen_bts_for_ps_data_stream	nok_nkcel_rabstflps_tab.rkawgt6ahl26seccb00hw01qk4	INT8	#	A number of PS call RAB setup failures for streaming class due to a frozen BTS	Sum, nkcttbh, nkrttbh, tot
rab_setup_failures_due_to_iub_aal2_trans_for_ps_data_stream	nok_nkcel_rabstflps_tab.rkmp13hahl26seccb00hw01qk4	INT8	#	The number of RAB setup failures caused by Iub AAL2 transport resource shortage for PS data streaming.	Sum, nkcttbh, nkrttbh, tot
rab_setup_failures_due_to_rnc_for_ps_data_backg	nok_nkcel_rabstflps_tab.rkh5d26ahl26seccb00hw01qk4	INT8	#	A number of PS call RAB setup failures for background class caused by RNCs internal reasons (eg. parameter mismatch, timer expiry), the RAB setup fails	Sum, nkcttbh, nkrttbh, tot
rab_setup_failures_due_to_rnc_for_ps_data_conv	nok_nkcel_rabstflps_tab.rk31oo2ahl26seccb00hw01qk4	INT8	#	- Obsolete in RN2.2 - A number of PS call RAB setup failures for conservational class caused by RNCs internal reasons (eg. parameter mismatch, timer expiry), the RAB setup fails	Sum, nkcttbh, nkrttbh, tot

This edition applies to IBM® Tivoli® Netcool® Performance Manager for Wireless and to all subsequent releases and modifications until otherwise indicated in new editions.

rab_setup_failures_due_to_rnc_for_ps_data_intera	nok_nkcel_rabstflps_tab.rkdfg0tahl26seccb00hw01qk4	INT8	#	A number of PS call RAB setup failures for interactive class caused by RNCs internal reasons (eg. parameter mismatch, timer expiry), the RAB setup fails	Sum, nkcttbh, nkrttbh, tot
rab_setup_failures_due_to_rnc_for_ps_data_stream	nok_nkcel_rabstflps_tab.rka4cw6ahl26seccb00hw01qk4	INT8	#	A number of PS call RAB setup failures for streaming class caused by RNCs internal reasons (eg. parameter mismatch, timer expiry), the RAB setup fails	Sum, nkcttbh, nkrttbh, tot
rab_setup_failures_due_to_transport_for_ps_data_conv	nok_nkcel_rabstflps_tab.rk2bwexahl26seccb00hw01qk4	INT8	#	- Obsolete in RN2.2 - A number of PS call RAB setup failures for conservational class caused by transmission	Sum, nkcttbh, nkrttbh, tot
rab_setup_failures_due_to_transport_for_ps_data_stream	nok_nkcel_rabstflps_tab.rk6dhspahl26seccb00hw01qk4	INT8	#	A number of PS call RAB setup failures for streaming class caused by transmission	Sum, nkcttbh, nkrttbh, tot
rab_setup_not_started_due_to_not_supported_parameters_for_ps	nok_nkcel_rabstflps_tab.rkl2un2ahl26seccb00hw01qk4	INT8	#	The number of occasions when the PS RAB setup attempt is not started due to requested parameters are not supported by the RNC. The RAB setup attempt counter is not updated in this case.	Sum, nkcttbh, nkrttbh, tot
rab_setup_not_started_due_to_ue_capability_for_ps	nok_nkcel_rabstflps_tab.rklw2vdahl26seccb00hw01qk4	INT8	#	The number of occasions when the PS RAB setup attempt is not started	Sum, nkcttbh, nkrttbh, tot

				due to requested parameters are not supported by the UE. The RAB setup attempt counter is not updated in this case.	
rab_stp_fail_ps_stre_iur_tr	nok_nkcel_rabstflps_tab.xdrxahxdmm2aicsd002uaxybdk	INTEGER	#	The number of failed PS Streaming traffic class RAB setups due to Iur transport resources. Also counter M1001C102 is updated with this counter.	Sum, nkcttbh, nkrttbh, tot
tot_rab_setup_fail_ac_ps	({rab_setup_failures_due_to_ac_for_ps_data_conv}+ {rab_setup_failures_due_to_ac_for_ps_data_stream}+ {rab_setup_failures_due_to_ac_for_ps_data_intera}+ {rab_setup_failures_due_to_ac_for_ps_data_backg})	INT8	#	Total number of PS call RAB setup for PS RAB class failures caused by an AC.	Sum, nkcttbh, nkrttbh, tot
tot_rab_setup_fail_anchoring_ps	({rab_setup_failures_due_to_anchoring_for_ps_data_intera}+ {rab_setup_failures_due_to_anchoring_for_ps_data_backg})	INT8	#	Total number of PS call RAB setup failures caused by the anchoring RNC case. When the RNC rejects an NRT RAB setup attempt due the anchoring RNC case	Sum, nkcttbh, nkrttbh, tot
tot_rab_setup_fail_bts_ps	({rab_setup_failures_due_to_bts_for_ps_data_conv}+ {rab_setup_failures_due_to_bts_for_ps_data_stream})	INT8	#	Total number of PS call RAB setup failures caused by the BTS.	Sum, nkcttbh, nkrttbh, tot
tot_rab_setup_fail_frozen_bts_ps	({rab_setup_failures_due_to_frozen_bts_for_ps_data_conv}+	INT8	#	Total number of PS call RAB setup failures due to a	Sum, nkcttbh, nkrttbh,

	{rab_setup_failures_due_to_frozen_bts_for_ps_data_stream}+ {rab_setup_failures_due_to_frozen_bts_for_ps_data_backg}+ {rab_setup_failures_due_to_frozen_bts_for_ps_data_intera})			frozen BTS	tot
tot_rab_setup_fail_iub_aal2_trans_ps	({dch_setup_failures_due_to_iub_aal2_trans_for_ps_data_intera}+ {rab_setup_failures_due_to_iub_aal2_trans_for_ps_data_stream}+ {dch_setup_failures_due_to_iub_aal2_trans_for_ps_data_backg})	INT8	#	Total number of RAB setup failures caused by Iub AAL2 transport resource shortage.	Sum, nkcttbh, nkrttbh, tot
tot_rab_setup_fail_rnc_ps	({rab_setup_failures_due_to_rnc_for_ps_data_conv}+ {rab_setup_failures_due_to_rnc_for_ps_data_stream}+ {rab_setup_failures_due_to_rnc_for_ps_data_intera}+ {rab_setup_failures_due_to_rnc_for_ps_data_backg})	INT8	#	Total number of PS call RAB setup failures for caused by RNCs internal reasons (eg. parameter mismatch, timer expiry)	Sum, nkcttbh, nkrttbh, tot
tot_rab_setup_fail_trans_ps	({rab_setup_failures_due_to_transport_for_ps_data_conv}+ {rab_setup_failures_due_to_transport_for_ps_data_stream})	INT8	#	Total number of PS call RAB setup failures caused by transmission	Sum, nkcttbh, nkrttbh, tot

6.6.98 Cell.Nokia.UMTS.rab.setup_time

RAB - Setup time statistics

KPI Name	Expression	Data Type	Units	Description	Aggregation
average_setup_time_for_cs_data_conv_rab	{sum_of_rab_setup_times_for_cs_data_conv} / {denominator_for_sum_of	FLOAT	10ms	Calculation for average setup time for a CS data	Average, avg, max, min,

	_rab_setup_times_for_cs_data_conv}			conversational RAB	nkcttbh, nkrttbh, tot
average_setup_time_for_cs_data_stream_rab	{sum_of_rab_setup_times_for_cs_data_stream} / {denominator_for_sum_of_rab_setup_times_for_cs_data_stream}	FLOAT	10ms	Calculation for average setup time for a CS data streaming RAB	Average, avg, max, min, nkcttbh, nkrttbh, tot
average_setup_time_for_cs_voice_rab	{sum_of_rab_setup_times_for_cs_voice} / {denominator_for_sum_of_rab_setup_times_for_cs_voice}	FLOAT	10ms	Calculation for average setup time for a CS voice RAB	Average, avg, max, min, nkcttbh, nkrttbh, tot
average_setup_time_for_ps_data_background_rab	{sum_of_rab_setup_times_for_ps_data_backg} / {denominator_for_sum_of_rab_setup_times_for_ps_data_backg}	FLOAT	10ms	Calculation for average setup time for a PS data background RAB	Average, avg, max, min, nkcttbh, nkrttbh, tot
average_setup_time_for_ps_data_conv_rab	{sum_of_rab_setup_times_for_ps_data_conv} / {denominator_for_sum_of_rab_setup_times_for_ps_data_conv}	FLOAT	10ms	Calculation for average setup time for a PS data conversational RAB	Average, avg, max, min, nkcttbh, nkrttbh, tot
average_setup_time_for_ps_data_interactive_rab	{sum_of_rab_setup_times_for_ps_data_intera} / {denominator_for_sum_of_rab_setup_times_for_ps_data_intera}	FLOAT	10ms	Calculation for average setup time for a PS data interactive RAB	Average, avg, max, min, nkcttbh, nkrttbh, tot
average_setup_time_for_ps_data_stream_rab	{sum_of_rab_setup_times_for_ps_data_stream} / {denominator_for_sum_of_rab_setup_times_for_ps_d	FLOAT	10ms	Calculation for average setup time for a PS data streaming RAB	Average, avg, max, min, nkcttbh,

This edition applies to IBM® Tivoli® Netcool® Performance Manager for Wireless and to all subsequent releases and modifications until otherwise indicated in new editions.

	ata_stream}				nkrttbh, tot
average_setup_time_for_rrc	{sum_of_rrc_setup_times} / {denominator_for_sum_of_rrc_setup_times}	FLOAT	10ms	Calculation for average setup time for RRC	Average, avg, max, min, nkcttbh, nkrttbh, tot
denominator_for_sum_of_rab_setup_times_for_cs_data_conv	nok_rab_setup_time_tab.rkx1x22ahl26seccb00hw01qk4	INTEGER	10ms	Denominator for average setup time for a CS data conversational RAB	Average, avg, max, min, nkcttbh, nkrttbh, tot
denominator_for_sum_of_rab_setup_times_for_cs_data_stream	nok_rab_setup_time_tab.rkyo6wlahl26seccb00hw01qk4	INTEGER	10ms	Denominator for average setup time for a CS data streaming RAB	Average, avg, max, min, nkcttbh, nkrttbh, tot
denominator_for_sum_of_rab_setup_times_for_cs_voice	nok_rab_setup_time_tab.rkvh6ixahl26seccb00hw01qk4	INTEGER	10ms	Denominator for average setup time for a CS voice RAB	Average, avg, max, min, nkcttbh, nkrttbh, tot
denominator_for_sum_of_rab_setup_times_for_ps_data_backg	nok_rab_setup_time_tab.rl6rtftahl26seccb00hw01qk4	INTEGER	10ms	Denominator for average setup time for a PS data background RAB	Average, avg, max, min, nkcttbh, nkrttbh, tot
denominator_for_sum_of_rab_setup_times_for_ps_data_conv	nok_rab_setup_time_tab.rl15onpahl26seccb00hw01qk4	INTEGER	10ms	- Obsolete in RN2.2 - Denominator for average setup time for a PS data conversational RAB	Average, avg, max, min, nkcttbh, nkrttbh, tot
denominator_for_sum_of_rab_setup_times_for_ps_data_i	nok_rab_setup_time_tab.rl4imd2ahl26seccb00hw01qk4	INTEGER	10ms	Denominator for average setup time for a PS data	Average, avg, max, min,

ntera				interactive RAB	nkcttbh, nkrttbh, tot
denominator_for_sum_of_rab_setup_times_for_ps_data_stream	nok_rab_setup_time_tab.rl2rpsxahl26seccb00hw01qk4	INTEGER	10ms	Denominator for average setup time for a PS data streaming RAB	Average, avg, max, min, nkcttbh, nkrttbh, tot
denominator_for_sum_of_rrc_setup_times	nok_rab_setup_time_tab.rktuqw2ahl26seccb00hw01qk4	INTEGER	10ms	Denominator for average setup time for RRC	Average, avg, max, min, nkcttbh, nkrttbh, tot
rab_setup_time_max_cs_data_conversational	nok_rab_setup_time_tab.uaqactl1im2ahsxr0035xkcuai	INTEGER	ms	The maximum CS Conversational Data RAB setup time during the measurement period defined as the time between an RANAP: RAB ASSIGNMENT REQUEST and an RANAP: RAB ASSIGNMENT RESPONSE messages	Constant, avg, max, min, nkcttbh, nkrttbh, tot
rab_setup_time_max_cs_streaming	nok_rab_setup_time_tab.uaqactn1im2ahsxr0035xkcuai	INTEGER	ms	The maximum CS Streaming RAB setup time defined as the time between an RANAP: RAB ASSIGNMENT REQUEST and an RANAP: RAB ASSIGNMENT	Constant, avg, max, min, nkcttbh, nkrttbh, tot

				RESPONSE messages during an RAB establishment.	
rab_setup_time_max_cs_voice	nok_rab_setup_time_tab.uaqactj1im2ahsxr0035xkcuai	INTEGER	ms	The maximum CS Conversational Data RAB setup time during the measurement period defined as the time between an RANAP: RAB ASSIGNMENT REQUEST and an RANAP: RAB ASSIGNMENT RESPONSE messages during an RAB establishment.	Constant, avg, max, min, nkcttbh, nkrttbh, tot
rab_setup_time_max_ps_background	nok_rab_setup_time_tab.uaqactt1im2ahsxr0035xkcuai	INTEGER	ms	The maximum PS Background RAB setup time defined as the time between an RANAP: RAB ASSIGNMENT REQUEST and an RANAP: RAB ASSIGNMENT RESPONSE messages during an RAB establishment.	Constant, avg, max, min, nkcttbh, nkrttbh, tot
rab_setup_time_max_ps_interactive	nok_rab_setup_time_tab.uaqactr1im2ahsxr0035xkcuai	INTEGER	ms	The maximum PS Interactive RAB setup time defined as the time between an RANAP: RAB ASSIGNMENT REQUEST and an RANAP: RAB ASSIGNMENT RESPONSE messages during an RAB establishment.	Constant, avg, max, min, nkcttbh, nkrttbh, tot
rab_setup_time_ma	nok_rab_setup_time_tab.ua	INTEG	ms	The maximum PS	Constant,

x_ps_streaming	qactp1im2ahsxr0035xkcuai	ER		Streaming RAB setup time defined as the time between an RANAP: RAB ASSIGNMENT REQUEST and an RANAP: RAB ASSIGNMENT RESPONSE messages during an RAB establishment.	avg, max, min, nkcttbh, nkrttbh, tot
rrc_setup_time_max	nok_rab_setup_time_tab.uaqacth1im2ahsxr0035xkcuai	INTEGER	ms	The maximum RRC connection setup time defined as the time between messages an RRC: RRC CONNECTION REQUEST and an RRC: RRC CONNECTION SETUP COMPLETE.	Constant, avg, max, min, nkcttbh, nkrttbh, tot
sum_of_rab_setup_times_for_cs_data_conv	nok_rab_setup_time_tab.rkwdhxhahl26seccb00hw01qk4	INT8	10ms	Sum of RAB setup times for CS data conversational. This counter divided by the denominator (see the Dependencies) gives the average RAB setup time for CS data conversational. --- RAB setup time is defined as the time between the RANAP: RAB ASSIGNMENT REQUEST and	Sum, nkcttbh, nkrttbh, tot

				RANAP: RAB ASSIGNMENT RESPONSE messages during RAB establishment. NOTE! Setup time covers both the RAB Setup and RAB Access phases.	
sum_of_rab_setup_times_for_cs_data_stream	nok_rab_setup_time_tab.rkxvf52ahl26seccb00hw01qk4	INT8	10ms	Sum of RAB setup times for CS data streaming. This counter divided by the denominator (see the Dependencies) gives the average RAB setup time for CS data streaming. --- RAB setup time is defined as the time between the RANAP: RAB ASSIGNMENT REQUEST and RANAP: RAB ASSIGNMENT RESPONSE messages during RAB establishment. NOTE! Setup time covers both the RAB Setup and RAB Access phases.	Sum, nkcttbh, nkrttbh, tot
sum_of_rab_setup_times_for_cs_voice	nok_rab_setup_time_tab.rkuo4hxahl26seccb00hw01qk4	INT8	10ms	Sum of RAB setup times for CS voice. This counter divided by the denominator (see the Dependencies) gives the average RAB setup time for CS voice. --- RAB	Sum, nkcttbh, nkrttbh, tot

				setup time is defined as the time between the RANAP: RAB ASSIGNMENT REQUEST and RANAP: RAB ASSIGNMENT RESPONSE messages during RAB establishment. NOTE! Setup time covers both the RAB Setup and RAB Access phases.	
sum_of_rab_setup_times_for_ps_data_backg	nok_rab_setup_time_tab.rl56gjdahl26seccb00hw01qk4	INT8	10ms	Sum of RAB setup times for PS data background. This counter divided by the denominator (see the Dependencies) gives the average RAB setup time for PS data background. --- RAB setup time is defined as the time between the RANAP: RAB ASSIGNMENT REQUEST and RANAP: RAB ASSIGNMENT RESPONSE messages during RAB establishment. NOTE! Setup time covers both the	Sum, nkcttbh, nkrttbh, tot

				RAB Setup and RAB Access phases.	
sum_of_rab_setup_times_for_ps_data_conv	nok_rab_setup_time_tab.rl0gmydahl26seccb00hw01qk4	INT8	10ms	- Obsolete in RN2.2 - Sum of RAB setup times for PS data conversational. This counter divided by the denominator (see the Dependencies) gives the average RAB setup time for PS data conversational. --- RAB setup time is defined as the time between the RANA	Sum, nkcttbh, nkrttbh, tot
sum_of_rab_setup_times_for_ps_data_intera	nok_rab_setup_time_tab.rl3qk6dahl26seccb00hw01qk4	INT8	10ms	Sum of RAB setup times for PS data interactive. This counter divided by the denominator (see the Dependencies) gives the average RAB setup time for PS data interactive. --- RAB setup time is defined as the time between the RANAP: RAB ASSIGNMENT REQUEST and RANAP: RAB ASSIGNMENT RESPONSE messages during RAB establishment. NOTE! Setup time covers both the RAB Setup and RAB Access phases.	Sum, nkcttbh, nkrttbh, tot

sum_of_rab_setup_times_for_ps_data_stream	nok_rab_setup_time_tab.rl1yw1dahl26seccb00hw01qk4	INT8	10ms	Sum of RAB setup times for PS data streaming. This counter divided by the denominator (see the Dependencies) gives the average RAB setup time for PS data streaming. --- RAB setup time is defined as the time between the RANAP: RAB ASSIGNMENT REQUEST and RANAP: RAB ASSIGNMENT RESPONSE messages during RAB establishment. NOTE! Setup time covers both the RAB Setup and RAB Access phases.	Sum, nkcttbh, nkrttbh, tot
sum_of_rrc_setup_times	nok_rab_setup_time_tab.rkt1wvlahl26seccb00hw01qk4	INT8	10ms	Sum of RRC setup times. This counter divided by the denominator (see the Dependencies) gives the average RRC setup time. --- RRC setup time is defined as the time between the RRC: RRC CONNECTION REQUEST message and the RRC: RRC	Sum, nkcttbh, nkrttbh, tot

				CONNECTION SETUP COMPLETE message. NOTE! Setup time covers both the RRC Setup and RRC Access phases.	

6.6.99 Cell.Nokia.UMTS.rach

Random Access Channel related statistics.

KPI Name	Expression	Data Type	Units	Description	Aggregation
ave_rach_data_throughput	nok_nkcel_rach_tab.rlnm2n2ahl26seccb00hw01qk4	INTEGER	#	Average RACH throughput of user data, in bit/s, multiplied by 10	Average, avg, max, min, nkcttbh, nkrttbh, tot
ave_rach_decod_msgs	nok_nkcel_rach_tab.rlivig2ahl26seccb00hw01qk4	INTEGER	#	-Obsolete in RN2.1- Average number of RACH decoded messages multiplied by 10	Average, avg, max, min, nkcttbh, nkrttbh, tot
ave_rach_load	nok_nkcel_rach_tab.rlgxpd6ahl26seccb00hw01qk4	INTEGER	#	-Obsolete in RN2.1- Average RACH load multiplied by 10	Average, avg, max, min, nkcttbh, nkrttbh, tot
ave_rach_throughput	nok_nkcel_rach_tab.rlm1vl2ahl26seccb00hw01qk4	INTEGER	#	Average RACH throughput of both user data and signalling, in bit/s, multiplied by 10	Average, avg, max, min, nkcttbh, nkrttbh, tot
ave_succ_decod_msgs	nok_nkcel_rach_tab.rlkivhdahl26seccb00hw01qk4	INTEGER	#	-Obsolete in RN2.1- Average number of RACH	Average, avg, max, min,

				successfully decoded messages multiplied by 10	nkcttbh, nkrttbh, tot
average_rach_data_throughput	{ave_rach_data_throughput} / {rach_denom_4}	FLOAT	#	Calculation for average RACH throughput of user data	Average, avg, max, min, nkcttbh, nkrttbh, tot
average_rach_load	{ave_rach_load} / {rach_denom_0}	FLOAT	#	Calculation for average RACH load	Average, avg, max, min, nkcttbh, nkrttbh, tot
average_rach_throughput	{ave_rach_throughput} / {rach_denom_3}	FLOAT	#	Calculation for average RACH throughput of both user data and signalling	Average, avg, max, min, nkcttbh, nkrttbh, tot
average_rachdecod_msgs	{ave_rach_decod_msgs} / {rach_denom_1}	FLOAT	#	Calculation for average RACH Decoded messages	Average, avg, max, min, nkcttbh, nkrttbh, tot
average_succ_decod_msgs	{ave_succ_decod_msgs} / {rach_denom_2}	FLOAT	#	Calculation for average number of RACH successfully decoded messages	Average, avg, max, min, nkcttbh, nkrttbh, tot
avg_rach_ack_preambles	{sum_rach_ack_preambles} / {denom_rach_ack_preambles}	FLOAT	#	This counter indicates the average number of acknowledged	Average, avg, max, min, nkcttbh,

				PRACH preambles during the Radio Resource Indication period. This counter is updated only for cells using the 3GPP Iub interface.	nkrttbh, tot
denom_rach_ack_preambles	nok_nkcel_rach_tab.rlto2ylahl26seccb00hw01qk4	INT8	#	The number of measurement reports including acknowledged PRACH preamble information. This counter is updated only for cells using the 3GPP Iub interface.	Sum, nkcttbh, nkrttbh, tot
rach_denom_0	nok_nkcel_rach_tab.rli4tkpahl26seccb00hw01qk4	INT8	#	-Obsolete in RN2.1- Denominator for Average RACH load	Sum, nkcttbh, nkrttbh, tot
rach_denom_1	nok_nkcel_rach_tab.rljo016ahl26seccb00hw01qk4	INT8	#	-Obsolete in RN2.1- Denominator for RACH decoded messages	Sum, nkcttbh, nkrttbh, tot
rach_denom_2	nok_nkcel_rach_tab.rllchbdahl26seccb00hw01qk4	INT8	#	-Obsolete in RN2.1- Denominator for RACH successfully decoded messages	Sum, nkcttbh, nkrttbh, tot
rach_denom_3	nok_nkcel_rach_tab.rlms63lahl26seccb00hw01qk4	INT8	#	Denominator for RACH throughput user data and signalling in bit/s	Sum, nkcttbh, nkrttbh, tot
rach_denom_4	nok_nkcel_rach_tab.rloh4phahl26seccb00hw01qk4	INT8	#	Denominator for RACH throughput user data in bit/s	Sum, nkcttbh, nkrttbh, tot
sum_rach_ack_pre	nok_nkcel_rach_tab.rlsvr5	INT8	#	The number of	Sum,

ambles	pahl26seccb00hw01qk4			acknowledged PRACH preambles reported by the BTS indicates the RACH channel load. This counter, divided by the denominator, gives the average number of acknowledged PRACH preambles during the Radio Resource Indication period. This counter is updated only for cells using the 3GPP Iub interface.	nkcttbh, nkrttbh, tot

6.6.100Cell.Nokia.UMTS.radio_bearer

Radio bearer measurements

KPI Name	Expression	Data Type	Units	Description	Aggregation
rb_downgrade_due_to_throughput_based_optimization	nok_radio_bearer_tab.wliekrxafq2ahdvuj02uauibev	INTEGER	#	The number of radio bearer downgrades due to the Throughput Based Optimization of the PS algorithm.	Sum, nkcttbh, nkrttbh, tot
rb_release_due_to_throughput_based_optimization	nok_radio_bearer_tab.wlieks0afq2ahdvuj02uauibev	INTEGER	#	The number of radio bearer releases due to the Throughput Based Optimization of the PS algorithm.	Sum, nkcttbh, nkrttbh, tot

6.6.101Cell.Nokia.UMTS.radio_downgrade_release_due_to_congestion

Radio bearer downgrades due to congestion statistics

KPI Name	Expression	Data Type	Units	Description	Aggregation
dl_dch_selected_due_to_hsdpa_power	nok_nkcel_rddwnrlcng_tab.uaqacpp1im2ahsxr0035xkcuai	INTEGER	#	The number of times when HSDSCH downlink transport channel cannot be selected due to downlink power limits. This counter includes both interactive and background class connections.	Sum, nkcttbh, nkrttbh, tot
hsdsch_release_due_to_dl_overload	nok_nkcel_rddwnrlcng_tab.uaqacpr1im2ahsxr0035xkcuai	INTEGER	#	The number of HS-DSCH allocation releases due to downlink overload. This counter includes both interactive and background class connections.	Sum, nkcttbh, nkrttbh, tot
rb_downgrade_by_dyn_link_opt_due_to_rl_power_congestion	nok_nkcel_rddwnrlcng_tab.rlvvruxahl26seccb00hw01qk4	INT8	#	The number of radio bearer downgrades by the dynamic link optimisation for NRT traffic due to RL power congestion.	Sum, nkcttbh, nkrttbh, tot
rb_downgrade_by_enh_overload_control_using_rl_reconf	nok_nkcel_rddwnrlcng_tab.rm3tx2dahl26seccb00hw01qk4	INT8	#	The number of radio bearer downgrades by the enhanced overload control using the radio link reconfiguration method.	Sum, nkcttbh, nkrttbh, tot
rb_downgrade_by_enh_overload_contr	nok_nkcel_rddwnrlcng_tab.rlv4vm2ahl26seccb00hw0	INT8	#	The number of radio bearer	Sum, nkcttbh,

ol_using_tfc_subset	1qk4			downgrades by the enhanced overload control using the TFC subset method.	nkrttbh, tot
rb_downgrade_by_pbs_due_to_aal2_congestion	nok_nkcel_rddwnrlcng_tab.rlwplqhahl26seccb00hw01qk4	INT8	#	The number of RB downgrades by priority-based scheduling (PBS) due to AAL2 congestion.	Sum, nkcttbh, nkrttbh, tot
rb_downgrade_by_pbs_due_to_bts_congestion	nok_nkcel_rddwnrlcng_tab.rlxi54hahl26seccb00hw01qk4	INT8	#	The number of RB downgrades by priority-based scheduling (PBS) due to BTS congestion.	Sum, nkcttbh, nkrttbh, tot
rb_downgrade_by_pbs_due_to_interference_congestion	nok_nkcel_rddwnrlcng_tab.rlyb0spahl26seccb00hw01qk4	INT8	#	The number of RB downgrades by priority-based scheduling (PBS) due to interference congestion.	Sum, nkcttbh, nkrttbh, tot
rb_downgrade_by_pbs_due_to_spreading_code_congestion	nok_nkcel_rddwnrlcng_tab.rm00qgpahl26seccb00hw01qk4	INT8	#	The number of RB downgrades by priority-based scheduling (PBS) due to spreading code congestion.	Sum, nkcttbh, nkrttbh, tot
rb_downgrade_by_preemption_due_to_aal2_congestion	nok_nkcel_rddwnrlcng_tab.rm0ry1pahl26seccb00hw01qk4	INT8	#	The number of RB downgrades by pre-emption due to AAL2 congestion.	Sum, nkcttbh, nkrttbh, tot
rb_downgrade_by_preemption_due_to_bts_congestion	nok_nkcel_rddwnrlcng_tab.rm1l1a2ahl26seccb00hw01qk4	INT8	#	The number of RB downgrades by pre-emption due to BTS congestion.	Sum, nkcttbh, nkrttbh, tot

This edition applies to IBM® Tivoli® Netcool® Performance Manager for Wireless and to all subsequent releases and modifications until otherwise indicated in new editions.

rb_downgrade_by_preemption_due_to_interference_congestion	nok_nkcel_rddwnrlcng_tab.rm2dlapahl26seccb00hw01qk4	INT8	#	The number of RB downgrades by pre-emption due to interference congestion.	Sum, nkcttbh, nkrttbh, tot
rb_downgrade_by_preemption_due_to_spreading_code_congestion	nok_nkcel_rddwnrlcng_tab.rm331vlahl26seccb00hw01qk4	INT8	#	The number of RB downgrades by pre-emption due to spreading code congestion.	Sum, nkcttbh, nkrttbh, tot
rb_release_by_dyn_link_opt_due_to_rl_power_congestion	nok_nkcel_rddwnrlcng_tab.rm5lhsdahl26seccb00hw01qk4	INT8	#	The number of released radio bearers by the dynamic link optimisation for NRT traffic due to RL power congestion.	Sum, nkcttbh, nkrttbh, tot
rb_release_by_pbs_due_to_aal2_congestion	nok_nkcel_rddwnrlcng_tab.rm6fmqtahl26seccb00hw01qk4	INT8	#	The number of released radio bearers by priority-based scheduling (PBS) due to AAL2 congestion.	Sum, nkcttbh, nkrttbh, tot
rb_release_by_pbs_due_to_bts_congestion	nok_nkcel_rddwnrlcng_tab.rma52hpahl26seccb00hw01qk4	INT8	#	The number of released radio bearers by priority-based scheduling (PBS) due to BTS congestion.	Sum, nkcttbh, nkrttbh, tot
rb_release_by_pbs_due_to_interference_congestion	nok_nkcel_rddwnrlcng_tab.rmawh0xahl26seccb00hw01qk4	INT8	#	The number of released radio bearers by priority-based scheduling (PBS) due to interference congestion.	Sum, nkcttbh, nkrttbh, tot
rb_release_by_pbs_due_to_spreading_code_congestion	nok_nkcel_rddwnrlcng_tab.rmbplglahl26seccb00hw01qk4	INT8	#	The number of released radio bearers by priority-based scheduling (PBS) due to	Sum, nkcttbh, nkrttbh, tot

				spreading code congestion.	
rb_release_by_preemption_due_to_aal2_congestion	nok_nkcel_rddwnrlcng_tab.rmcinqdahl26seccb00hw01qk4	INT8	#	The number of released radio bearers by pre-emption due to AAL2 congestion.	Sum, nkcttbh, nkrttbh, tot
rb_release_by_preemption_due_to_bts_congestion	nok_nkcel_rddwnrlcng_tab.rmdb5bdahl26seccb00hw01qk4	INT8	#	The number of released radio bearers by pre-emption due to BTS congestion.	Sum, nkcttbh, nkrttbh, tot
rb_release_by_preemption_due_to_interference_congestion	nok_nkcel_rddwnrlcng_tab.rme0hq2ahl26seccb00hw01qk4	INT8	#	The number of released radio bearers by pre-emption due to interference congestion.	Sum, nkcttbh, nkrttbh, tot
rb_release_by_preemption_due_to_spreading_code_congestion	nok_nkcel_rddwnrlcng_tab.rmetca6ahl26seccb00hw01qk4	INT8	#	The number of released radio bearers by pre-emption due to spreading code congestion.	Sum, nkcttbh, nkrttbh, tot
rb_release_due_to_enh_overload_control_using_rl_reconf	nok_nkcel_rddwnrlcng_tab.rmfq2lxahl26seccb00hw01qk4	INT8	#	The number of radio bearer releases by the enhanced overload control using the radio link reconfiguration method.	Sum, nkcttbh, nkrttbh, tot
tot_RB_downgrade_congestion_overload_ctrl	{rb_downgrade_by_enh_overload_control_using_tfc_subset} + {rb_downgrade_by_dyn_link_opt_due_to_rl_power_c	INT8	#	Total number of RB downgrades due to various congestion issues and overload control mechanism	Sum, nkcttbh, nkrttbh, tot

This edition applies to IBM® Tivoli® Netcool® Performance Manager for Wireless and to all subsequent releases and modifications until otherwise indicated in new editions.

	ongestion} + {rb_downgrade_by_pbs_due_to_aal2_congestion} + {rb_downgrade_by_pbs_due_to_bts_congestion} + {rb_downgrade_by_pbs_due_to_interference_congestion} + {rb_downgrade_by_pbs_due_to_spreading_code_congestion} + {rb_downgrade_by_preemption_due_to_aal2_congestion} + {rb_downgrade_by_preemption_due_to_bts_congestion} + {rb_downgrade_by_preemption_due_to_interference_congestion} + {rb_downgrade_by_preemption_due_to_spreading_code_congestion} + {rb_downgrade_by_enh_overload_control_using_rl_reconf}				
tot_RB_release_congestion_overload_ctrl	{rb_release_by_dyn_link_opt_due_to_rl_power_congestion} + {rb_release_by_pbs_due_to_aal2_congestion} + {rb_release_by_pbs_due_to_bts_congestion} + {rb_release_by_pbs_due_to_interference_congestion} + {rb_release_by_pbs_due_to_spreading_code_congestion} + {rb_release_by_preemption_due_to_aal2_congestion} + {rb_release_by_preemption_due_to_bts_congestion} + {rb_release_by_preemption	INT8	#	Total number of RB release due to various congestion issues and overload control mechanism	Sum, nkcttbh, nkrttbh, tot

	_due_to_interference_congestion} + {rb_release_by_preemption_due_to_spreading_code_congestion} + {rb_release_due_to_enh_overload_control_using_rl_reconf} + {hsdsch_release_due_to_dl_overload}				

6.6.102Cell.Nokia.UMTS.radio_link

Radio link power and measurement related statistics

KPI Name	Expression	Data Type	Units	Description	Aggregation
ave_trx_for_rl_in_cell	nok_nkcel_radlnk_tab.rmhh34hahl26seccb00hw01qk4	INTEGER	#	Average transmission power for radio links in the cell	Average, avg, max, min, nkcttbh, nkrttbh, tot
lvl_ave_trx_for_rl_in_cell	-10 + (({ave_trx_for_rl_in_cell}-10)*0.5)	FLOAT	dBm	Average transmission power for radio links in the cell in dbm	Average, avg, max, min, nkcttbh, nkrttbh, tot
nbr_of_rl_meas_reps	nok_nkcel_radlnk_tab.rmjwq6lahl26seccb00hw01qk4	INT8	#	Number of radio link measurement reports	Sum, nkcttbh, nkrttbh, tot
nbr_of_rls	nok_nkcel_radlnk_tab.rmibt1xahl26seccb00hw01qk4	INTEGER	#	Number of reported radio links	Average, avg, max, min, nkcttbh, nkrttbh,

					tot
sum_sqr_trx_for_rl_in_cell	nok_nkcel_radlnk_tab.rmj3b3pahl26seccb00hw01qk4	FLOAT	100dBm	Sum of squared measured values for transmission powers for the radio links in the cell. Measured in dBm*100	Average, avg, max, min, nkcttbh, nkrttbh, tot

6.6.103Cell.Nokia.UMTS.RAN_Accessibility.Service_Level

WCDMA RAN KPI Accessibility:Service Level related statistics

KPI Name	Expression	Data Type	Units	Description	Aggregation
_%_amr_cssr	nok_ran_acc_svs_lvl_tab.yvpvm1pahk26seccb00hw01qk4	FLOAT	%	AMR Call Setup Success Ratio [%] over the reporting period. This KPI is based on Service Level measurement in RNC Counters - RNW Part in Nokia WCDMA RNC Product Documentation.Note 1:The RRC request repetitions done by the UE after the RRC reject are included in the formula. Note 2:The cell re-selections occured during RRC setup are included in the formula.	Average, avg, nkcttbh, nkrttbh, tot, min, max
_%_multirab_setup_access_complete_ratio_amr_nrt	nok_ran_acc_svs_lvl_tab.yvtn53hahk26seccb00hw01qk4	FLOAT	%	RAB Setup and Access Complete Ratio [%] for Multi RAB AMR+NRT Service services over the reporting period. Covers RAB Setup and Access	Average, avg, nkcttbh, nkrttbh, tot, min, max

				phases (From RAB Assignment Request to Radio Bearer Setup Complete). This KPI is based on Service Level measurement in RNC Counters - RNW Part in Nokia WCDMA RNC Product Documentation. Note RRC connection is needed before RAB setup in order to make a call.	
_%_multirab_setup_access_complete_ratio_gr_1nrt	nok_ran_acc_svs_lvl_tab.yvumftpahk26seccb00hw01qk4	FLOAT	%	RAB Setup and Access Complete Ratio [%] for Multi RAB with more than one NRT Service over the reporting period. Covers RAB Setup and Access phases (From RAB Assignment Request to Radio Bearer Setup Complete). This KPI is based on Service Level measurement in RNC Counters - RNW Part in Nokia WCDMA RNC Product Documentation. Note RRC connection is needed before RAB	Average, avg, nkcttbh, nkrttbh, tot, min, max

				setup in order to make a call.	
_%_multirab_setup_access_complete_ratio_rt_nrt	nok_ran_acc_svs_lvl_tab.yvu4lk6ahk26seccb00hw01qk4	FLOAT	%	RAB Setup and Access Complete Ratio [%] for Multi RAB containing RT+NRT Services over the reporting period.Covers RAB Setup and Access phases (From RAB Assignment Request to Radio Bearer Setup Complete).This KPI is based on Service Level measurement in RNC Counters - RNW Part in Nokia WCDMA RNC Product Documentation. Note RRC connection is needed before RAB setup in order to make a call.	Average, avg, nkcttbh, nkrttbh, tot, min, max
_%_packet_cssr	nok_ran_acc_svs_lvl_tab.yvrbsslahk26seccb00hw01qk4	FLOAT	%	Packet Call Setup Success Ratio [%] over the reporting period. This KPI is based on Service Level measurement in RNC Counters - RNW Part in Nokia WCDMA RNC Product Documentation. Note 1 The RRC request repetitions done by the UE after the RRC reject are included in the formula. Note 2 The cell re-selections	Average, avg, nkcttbh, nkrttbh, tot, min, max

				occured during RRC setup are included in the formula. Note 3 This KPI formula considers NRT RAB as a single call. Therefore, it is not in line with the packet call definition.	
_%_rab_access_and_complete_ratio_for_nrt_services_network	100 * ({Nokia.rab.setup_access_complete.rab_access_completions_for_ps_data_intera} + {Nokia.rab.setup_access_complete.rab_access_completions_for_ps_data_backg})/ ({Nokia.rab.setup_attempts.rab_setup_attempts_for_ps_data_stream}+ {Nokia.rab.setup_attempts.rab_setup_attempts_for_ps_data_intera} - {Nokia.rab.setup_access_complete.rab_access_completions_for_ps_data_conv} - {Nokia.rab.setup_failure_ps.rab_setup_failures_due_to_anchoring_for_ps_data_backg})	FLOAT	%	RAB Setup and Access Complete Ratio [%] for NRT services over the reporting period. Covers RAB Setup and Access phases (From RAB Assignment Request to Radio Bearer Setup Complete). This KPI is based on Service Level measurement in RNC Counters - RNW Part in Nokia WCDMA RNC Product Documentation. Note 1 RRC connection is needed before RAB setup in order to make a call. Note 2 The RAB reject due to a previous anchoring case is taken into account.	Average, avg, nkcttbh, nkrttbh
_%_rab_access_and	100 * ({Nokia.rab.setup_access_c	FLOAT	%	RAB Setup and Access Complete	Average, avg,

_complete_ratio_for_nrt_services_user	omplete.rab_access_completions_for_ps_data_intera} + {Nokia.rab.setup_access_complete.rab_access_completions_for_ps_data_backg})/ ({Nokia.rab.setup_attempts.rab_setup_attempts_for_ps_data_stream}+ {Nokia.rab.setup_attempts.rab_setup_attempts_for_ps_data_intera})			Ratio [%] for NRT services over the reporting period. Covers RAB Setup and Access phases (From RAB Assignment Request to Radio Bearer Setup Complete). This KPI is based on Service Level measurement in RNC Counters - RNW Part in Nokia WCDMA RNC Product Documentation.RRC connection is needed before RAB setup in order to make a call.	nkcttbh, nkrttbh
_%_rab_setup_and_access_complete_ratio_amr_voice	100 * {Nokia.rab.setup_access_complete.rab_access_completions_for_cs_voice}/ {Nokia.rab.setup_attempts.rab_setup_attempts_for_cs_voice}	FLOAT	%	RAB Setup and Access Complete Ratio [%] for voice calls over the reporting period. Covers RAB Setup and Access phases (From RAB Assignment Request to Radio Bearer Setup Complete). This KPI is based on Service Level measurement in RNC Counters - RNW Part in Nokia WCDMA RNC Product Documentation. Note RRC connection is needed before RAB setup in order to make a call.	Average, avg, nkcttbh, nkrttbh

_%_rab_setup_and_access_complete_ratio_rt_service	100 * ({Nokia.rab.setup_access_complete.rab_access_completions_for_cs_data_conv} + {Nokia.rab.setup_access_complete.rab_access_completions_for_cs_data_stream} + {Nokia.rab.setup_access_complete.rab_access_completions_for_ps_data_conv} + {Nokia.rab.setup_access_complete.rab_access_completions_for_ps_data_stream})/ ({Nokia.rab.setup_attempts.rab_setup_attempts_for_cs_data_conv} + {Nokia.rab.setup_attempts.rab_setup_attempts_for_cs_data_stream} + {Nokia.rab.setup_attempts.rab_setup_attempts_for_ps_data_conv} + {Nokia.rab.setup_attempts.rab_setup_attempts_for_ps_data_stream})	FLOAT	%	RAB Setup and Access Complete Ratio [%] for RT service excluding voice over the reporting period. Covers RAB Setup and Access phases (From RAB Assignment Request to Radio Bearer Setup Complete). This KPI is based on Service Level measurement in RNC Counters - RNW Part in Nokia WCDMA RNC Product Documentation Note RRC connection is needed before RAB setup in order to make a call.	Average, avg, nkcttbh, nkrttbh
_%_rrc_setup_and_access_complete_ratio_network	100 * ({Nokia.rrc.connection_access.rrc_acc_comp} + {Nokia.rrc.connection_setup.rrc_conn_setup_completed_and_directed})/ ({Nokia.rrc.connection_setup.rrc_setup_att} + {Nokia.rrc.connection_setup.rrc_conn_setup_completed_and_directed})	FLOAT	%	RRC Setup and Access Complete Ratio [%] over the reporting period. Covers RRC Setup and Access phases (From RRC Connection Request to RRC Connection Setup Complete). This KPI is based on	Average, avg, nkcttbh, nkrttbh

				Service Level measurement in RNC Counters - RNW Part in Nokia WCDMA RNC Product Documentation. Note RRC connection is needed also for other purposes than a call (SMS, LU, detach, for example).	
_%_rrc_setup_and_access_complete_ratio_user	100 * ({Nokia.rrc.connection_access.rrc_acc_comp} + {Nokia.rrc.connection_setup.rrc_conn_setup_completed_and_directed})/ ({Nokia.rrc.connection_setup.rrc_setup_att} - {Nokia.rrc.connection_setup.rrc_connection_setup_attempt_repeats} - {Nokia.rrc.connection_access.rrc_connection_access_release_due_to_cell_reselection} + {Nokia.rrc.connection_setup.rrc_conn_setup_completed_and_directed})	FLOAT	%	RRC Setup and Access Complete Ratio [%] over the reporting period. Covers RRC Setup and Access phases (From RRC Connection Request to RRC Connection Setup Complete). This KPI is based on Service Level measurement in RNC Counters - RNW Part in Nokia WCDMA RNC Product Documentation. Note RRC connection is needed also for other purposes than a call (SMS, LU, Detach, for example).	Average, avg, nkcttbh, nkrttbh
_%_streaming_cssr	nok_ran_acc_svs_lvl_tab.yvqt0qhahk26seccb00hw01qk4	FLOAT	%	Streaming Call Setup Success Ratio [%] over the reporting period. This KPI is based on Service Level	Average, avg, nkcttbh, nkrttbh, tot, min, max

				measurement in RNC Counters - RNW Part in Nokia WCDMA RNC Product Documentation. Note 1 The RRC request repetitions done by the UE after the RRC reject are included in the formula. Note 2 The cell re-selections occured during RRC setup are included in the formula.	
_%_udi_cssr	nok_ran_acc_svs_lvl_tab.yvqedatahk26seccb00hw01qk4	FLOAT	%	UDI Call Setup Success Ratio [%] over the reporting period. This KPI is based on Service Level measurement in RNC Counters - RNW Part in Nokia WCDMA RNC Product Documentation. Note 1:The RRC request repetitions done by the UE after the RRC reject are included in the formula. Note 2:The cell re-selections occured during RRC setup are included in the formula.	Average, avg, nkcttbh, nkrttbh, tot, min, max

6.6.104Cell.Nokia.UMTS.RAN_Accessibility.Traffic

WCDMA RAN KPI Accessibility:Traffic related statistics

KPI Name	Expression	Data Type	Units	Description	Aggregation
_%_hsdpa_accessibility_nrt_traffic_user	nok_ran_acc_traff_tab.yvwhmrtahk26seccb00hw01qk4	FLOAT	%	The accessibility of all started allocations for HS-DSCH for NRT Traffic. This KPI is based on Traffic measurement in RNC Counters - RNW Part in Nokia WCDMA RNC Product Documentation. The number of times when HS-DSCH channel has been established divided by the number of times when HS-DSCH channel has been selected by cell specific PS. Note 1 The times the HS_DSCH would have been selected but the number of allowed HS-DSCH users were exceeded are not counted.	Average, avg, nkcttbh, nkrttbh, tot, min, max
_%_hsdpa_accessibility_nrt_traffic	nok_ran_acc_traff_tab.yvvytjhahk26seccb00hw01qk4	FLOAT	%	The accessibility of all started allocations for HS-DSCH for NRT Traffic. This KPI is based on Traffic measurement in RNC Counters - RNW Part in Nokia WCDMA RNC	Average, avg, nkcttbh, nkrttbh, tot, min, max

				Product Documentation. The number of times when HS-DSCH channel has been established divided by the number of times when HS-DSCH channel has been selected by cell specific PS. Note 1 The times the HS_DSCH would have been selected but the number of allowed HS-DSCH users were exceeded are not counted. Note 2 The setup failures due to UE are not included in the formula.	
_%_hsdpa_resource_accessibility_rt_traffic	nok_ran_acc_traff_tab.ywyi0r4dpv2aicsdj02uaxybdk	FLOAT	%	HSDPA Resource Accessibility for RT traffic	Average, avg, nkcttbh, nkrttbh, tot, min, max
_%_hsupa_resource_accessibility_nrt_traffic	nok_ran_acc_traff_tab.vr2t6ereaw2aicseb035xjhbax	FLOAT	%	HSUPA Resource Accessibility for NRT traffic	Average, avg, nkcttbh, nkrttbh, tot, min, max
_%_hsupa_resource_accessibility_rt_traffic	nok_ran_acc_traff_tab.ywyi0r6dpv2aicsdj02uaxybdk	FLOAT	%	HSUPA Resource Accessibility for RT traffic	Average, avg, nkcttbh, nkrttbh,

					tot, min, max

6.6.105Cell.Nokia.UMTS.RAN_Integrity.RCPM

WCDMA RAN KPI Integrity:RCPM related statistics

KPI Name	Expression	Data Type	Units	Description	Aggregation
nrt_dch_dl_efficiency	100 * {Nokia.rcpm.dl_pdcp_sdu_pdu_rlc.dl_net_throughput_of_am_rlc_pdu}/ {Nokia.rcpm.dl_pdcp_sdu_pdu_rlc.dl_gross_throughput_of_am_rlc_pdu}	FLOAT	%	The efficiency of selected Background Radio Bearers in Downlink using DCH or HS-DSCH according to the radio connection types. The bit rate of once transmitted background RLC PDUs or HS-DSCH RLC PDUs divided by the bit rate of all transmitted background RLC PDUs.This KPI is based on the Radio Connection Performance Measurement RLC in RNC Counters - RNW Part in Nokia WCDMA RNC Product Documentation. For SHO, all cells in AS are measured. All active set sizes allowed. If one cell is problematic, and further information is needed from that cell, then it is possible to set active set size to 1.	Average, avg, nkcttbh, nkrttbh

6.6.106Cell.Nokia.UMTS.RAN_Mobility.InterSystem_Handover

WCDMA RAN KPI Mobility:Intersystem Handover related statistics

KPI Name	Expression	Data Type	Units	Description	Aggregation
_%_inter_system_hard_ho_success_ratio	nok_ran_mob_iterrat_ho_tab.skeginxag32ahdvuj02uauibev	FLOAT	%	Inter System Hard Handover Success Ratio [%] for the reporting period in the Source Cell of the Hard Handover. [RAN_KPI_0022]	Average, avg, nkcttbh, nkrttbh, tot, min, max
_%_intra_system_hard_ho_success_ratio	nok_ran_mob_iterrat_ho_tab.yvxf2hhahk26seccb00hw01qk4	FLOAT	%	- Obsolete in RN2.2 - Intra System Hard Handover Success Ratio [%] for the reporting period in the Source Cell of the Hard Handover. This KPI is based on Intra System Handover Measurement where Intra System HHO triggering and outcome is measured. See RNC	Average, avg, nkcttbh, nkrttbh, tot, min, max

6.6.107Cell.Nokia.UMTS.RAN_Mobility.IntraSystem_HardHandover

WCDMA RAN KPI Mobility:Intrasystem Handover related statistics

KPI Name	Expression	Data Type	Units	Description	Aggregation
_%_hsdpa_serving_cell_change_success_rate	nok_ran_mob_itrarat_ho_tab.skegin2ag32ahdvuj02uauibev	FLOAT	%	HSDPA Serving Cell Change Success Rate over the reporting period in the Source Cell.	Average, avg, nkcttbh, nkrttbh, tot, min,

				[%]. [RAN_KPI_0048]	max
_%_inter_system_hard_ho_success_ratio	nok_ran_mob_itrarat_ho_tab.yvxtryxahk26seccb00hw01qk4	FLOAT	%	Intra System Hard Handover Success Ratio [%] for the reporting period in the Source Cell of the Hard Handover. This KPI is based on Intra System Handover Measurement where Intra System HHO triggering and outcome is measured. See RNC Counters - RNW Part in Nokia WCDMA RNC Product Documentation.	Average, avg, nkcttbh, nkrttbh, tot, min, max

6.6.108Cell.Nokia.UMTS.RAN_Mobility.Soft_Handover

WCDMA RAN KPI Mobility:Soft Handover related statistics

KPI Name	Expression	Data Type	Units	Description	Aggregation
soft_handover_overhead_cell	nok_nkcel_ranmobsho_tab.yvysmfxahk26seccb00hw01qk4	FLOAT	%	Soft Handover Overhead [%] over the reporting period for One Cell or whole RNC. This KPI is based on Soft Handover (SHO) measurement where Active Set sizes are measured. See RNC Counters - RNW Part in Nokia WCDMA RNC Product Documentation.Note In the SHO	Average, avg, nkcttbh, nkrttbh, tot, min, max

				measurement, the counters are for both RNC and WCELL. This formula uses either the cell level counters or RNC level counters.	
soft_handover_success_ratio	nok_nkcel_ranmobsho_tab.yvydn3hahk26seccb00hw01qk4	FLOAT	%	Soft Handover Success Rate meaning branch addition, branch deletion or branch replacement over the reporting period in the Source Cell of the Soft Handover. This KPI is based on Soft Handover measurement in RNC Counters - RNW Part in Nokia WCDMA RNC Product Documentation.	Average, avg, nkcttbh, nkrttbh, tot, min, max

6.6.109Cell.Nokia.UMTS.RAN_Retainability.Service_Level

WCDMA RAN KPI Retainability:Service Level related statistics

KPI Name	Expression	Data Type	Units	Description	Aggregation
_%_multirab_drop_ratio_amr_nrt_network	nok_ran_retain_svc_lvl_tab.yw40qphahk26seccb00hw01qk4	FLOAT	%	- Obsolete in RN2.2 - RAB Drop Ratio for Multi-RAB AMR+NRT Service [%] over the reporting period. Covers RAB Active Phase of a call. This	Average, avg, nkcttbh, nkrttbh, tot, min, max

				KPI is based on Service Level measurement in RNC Counters - RNW Part in Nokia WCDMA RNC Product Documentation. Note I	
_%_multirab_drop_ratio_gr_1nrt_network	nok_ran_retain_svc_lvl_tab.yw544ehahk26seccb00hw01qk4	FLOAT	%	- Obsolete in RN2.2 - RAB Drop Ratio, Multi-RAB containing more than one NRT Service, [%] over the reporting period. Covers RAB Active Phase of a call. This KPI is based on Service Level measurement in RNC Counters - RNW Part in Nokia WCDMA RNC Product Documented	Average, avg, nkcttbh, nkrttbh, tot, min, max
_%_multirab_drop_ratio_rt_nrt_network	nok_ran_retain_svc_lvl_tab.yw4imtpahk26seccb00hw01qk4	FLOAT	%	- Obsolete in RN2.2 - RAB Drop Ratio for Multi-RAB containing RT +NRT Service [%] over the reporting period. Covers RAB Active Phase of a call. This KPI is based on Service Level measurement in RNC Counters - RNW Part in Nokia WCDMA RNC Product Documented	Average, avg, nkcttbh, nkrttbh, tot, min, max
_%_multirab_succes	nok_ran_retain_svc_lvl_tab.skeginrag32ahdvuj02uauib	FLOAT	%	RAB Success Ratio for Multi-RAB	Average, avg,

s_ratio_amr_nrt_network	ev			AMR+NRT Service [%] over the reporting period. Covers RAB Active Phase of a call. [RAN_KPI_0029]	nkcttbh, nkrttbh, tot, min, max
_%_multirab_success_ratio_gr_1nrt_network	nok_ran_retain_svc_lvl_tab.skeginvag32ahdvuj02uauibev	FLOAT	%	RAB Success Ratio, Multi-RAB containing more than one NRT Service, [%] over the reporting period. Covers RAB Active Phase of a call. This KPI is based on Service Level measurement in RNC Counters - RNW Part in Nokia WCDMA RNC Product Documentation. Note For NRT RABs pre-emption is not possible. [RAN_KPI_0031]	Average, avg, nkcttbh, nkrttbh, tot, min, max
_%_multirab_success_ratio_rt_nrt_network	nok_ran_retain_svc_lvl_tab.skegintag32ahdvuj02uauibev	FLOAT	%	RAB Success Ratio for Multi-RAB containing RT +NRT Service [%] over the reporting period. Covers RAB Active Phase of a call. This KPI is based on Service Level measurement in RNC Counters - RNW Part in Nokia WCDMA RNC Product	Average, avg, nkcttbh, nkrttbh, tot, min, max

				Documentation. Note In this KPI, RAB Releases due to pre-emption are NOT considered in the formula. [RAN_KPI_0030]	
_%_rab_drop_ratio_amr_voice_network	nok_ran_retain_svc_lvl_tab.yw1o5vhahk26seccb00hw01qk4	FLOAT	%	- Obsolete in RN2.2 - RAB Drop Ratio for AMR Voice [%] over the reporting period. Covers RAB Active Phase of a call. This KPI is based on Service Level measurement in RNC Counters - RNW Part in Nokia WCDMA RNC Product Documentation.	Average, avg, nkcttbh, nkrttbh, tot, min, max
_%_rab_drop_ratio_amr_voice_user	nok_ran_retain_svc_lvl_tab.yw240f6ahk26seccb00hw01qk4	FLOAT	%	- Obsolete in RN2.2 - RAB Drop Ratio for AMR Voice [%] over the reporting period. Covers RAB Active Phase of a call. This KPI is based on Service Level measurement in RNC Counters - RNW Part in Nokia WCDMA RNC Product Documentation.	Average, avg, nkcttbh, nkrttbh, tot, min, max
_%_rab_drop_ratio_nrt_service_network	nok_ran_retain_svc_lvl_tab.yw3kax2ahk26seccb00hw01qk4	FLOAT	%	- Obsolete in RN2.2 - RAB Drop Ratio for AMR Voice [%] over the reporting period. Covers RAB Active Phase of a call. This KPI is based on Service Level measurement	Average, avg, nkcttbh, nkrttbh, tot, min, max

				in RNC Counters - RNW Part in Nokia WCDMA RNC Product Documentation.	
_%_rab_drop_ratio_rt_services_excl_voice_network	nok_ran_retain_svc_lvl_tab.yw2mkplahk26seccb00hw01qk4	FLOAT	%	- Obsolete in RN2.2 - RAB Drop Ratio for RT services excluding Voice [%] over the reporting period. Covers RAB Active Phase of a call. This KPI is based on Service Level measurement in RNC Counters - RNW Part in Nokia WCDMA RNC Product Documentation.	Average, avg, nkcttbh, nkrttbh, tot, min, max
_%_rab_drop_ratio_rt_services_excl_voice_user	nok_ran_retain_svc_lvl_tab.yw32gytahk26seccb00hw01qk4	FLOAT	%	- Obsolete in RN2.2 - RAB Drop Ratio for RT services excluding Voice [%] over the reporting period. Covers RAB Active Phase of a call.This KPI is based on Service Level measurement in RNC Counters - RNW Part in Nokia WCDMA RNC Product Documentation.	Average, avg, nkcttbh, nkrttbh, tot, min, max
_%_rab_success_rati	nok_ran_retain_svc_lvl_tab.skeginhag32ahdvuj02uaui	FLOAT	%	RAB Success Ratio for AMR Voice [%]	Average, avg,

o_amr_voice_network	bev			over the reporting period. Covers RAB Active Phase of a call. [RAN_KPI_0006]	nkcttbh, nkrttbh, tot, min, max
_%_rab_success_ratio_amr_voice_user	nok_ran_retain_svc_lvl_tab.skeginjag32ahdvuj02uauibev	FLOAT	%	RAB Success Ratio for AMR Voice [%] over the reporting period. Covers RAB Active Phase of a call. [RAN_KPI_0006A]	Average, avg, nkcttbh, nkrttbh, tot, min, max
_%_rab_success_ratio_nrt_services_network	nok_ran_retain_svc_lvl_tab.skeginpag32ahdvuj02uauibev	FLOAT	%	RAB Success Ratio for NRT Services [%] over the reporting period. Covers RAB Active Phase of a call. [RAN_KPI_0008]	Average, avg, nkcttbh, nkrttbh, tot, min, max
_%_rab_success_ratio_nrt_services_user	nok_ran_retain_svc_lvl_tab.skegimxag32ahdvuj02uauibev	FLOAT	%	RAB Success Ratio for NRT Services [%] from the end user perspective over the reporting period. Covers RAB Active Phase of a call. [RAN_KPI_0008A]	Average, avg, nkcttbh, nkrttbh, tot, min, max
_%_rab_success_ratio_rt_services_excl_voice_network	nok_ran_retain_svc_lvl_tab.skeginlag32ahdvuj02uauibev	FLOAT	%	RAB Success Ratio for RT Services Excluding Voice [%] over the reporting period. Covers RAB Active Phase of a call. [RAN_KPI_0007]	Average, avg, nkcttbh, nkrttbh, tot, min, max
_%_rab_success_ratio_rt_services_excl_voice_user	nok_ran_retain_svc_lvl_tab.skeginnag32ahdvuj02uauibev	FLOAT	%	RAB Success Ratio for RT Services Excluding Voice [%] over the reporting period. Covers RAB Active Phase of a call.	Average, avg, nkcttbh, nkrttbh, tot, min, max

				[RAN_KPI_0007A]	
_%_rrc_drop_ratio	nok_ran_retain_svc_lvl_tab.yw16g2hahk26seccb00hw01qk4	FLOAT	%	- Obsolete in RN2.2 - RRC Drop Ratio [%] over the reporting period. Covers RRC Active Phase of a call.This KPI is based on Service Level measurement in RNC Counters - RNW Part in Nokia WCDMA RNC Product Documentation.	Average, avg, nkcttbh, nkrttbh, tot, min, max
_%_rrc_success_ratio_network	nok_ran_retain_svc_lvl_tab.skegindag32ahdvuj02uauibev	FLOAT	%	RRC Success Ratio [%] over the reporting period. Covers RRC Active Phase of a call. [RAN_KPI_0005]	Average, avg, nkcttbh, nkrttbh, tot, min, max
_%_rrc_success_ratio_user	nok_ran_retain_svc_lvl_tab.skeginfag32ahdvuj02uauibev	FLOAT	%	RRC Success Ratio [%] over the reporting period. Covers RRC Active Phase of a call. [RAN_KPI_0005A]	Average, avg, nkcttbh, nkrttbh, tot, min, max
_%_streaming_call_drop_ratio	nok_ran_retain_svc_lvl_tab.yw0qnu6ahk26seccb00hw01qk4	FLOAT	%	Streaming Call Drop Ratio [%] over the reporting period. This KPI is based on Service Level measurement in RNC Counters - RNW Part in Nokia WCDMA RNC Product Documentation.	Average, avg, nkcttbh, nkrttbh, tot, min, max

This edition applies to IBM® Tivoli® Netcool® Performance Manager for Wireless and to all subsequent releases and modifications until otherwise indicated in new editions.

_%_udi_call_drop_ratio	nok_ran_retain_svc_lvl_tab.yw0bujdahk26seccb00hw01qk4	FLOAT	%	UDI Call Drop Ratio [%] over the reporting period. This KPI is based on Service Level measurement in RNC Counters - RNW Part in Nokia WCDMA RNC Product Documentation.	Average, avg, nkcttbh, nkrttbh, tot, min, max

6.6.110Cell.Nokia.UMTS.RAN_Retainability.Traffic

WCDMA RAN KPI Retainability:Traffic related statistics

KPI Name	Expression	Data Type	Units	Description	Aggregation
_%_hsdpa_retainability_nrt_traffic	100 * ({Nokia.traffic.hsdsch_allocation_release.hsdsch_normal_release_for_interactive} + {Nokia.traffic.hsdsch_allocation_release.hsdsch_normal_release_for_background})/ ({Nokia.traffic.hsdsch_allocation_release.hsdsch_normal_release_for_interactive} + {Nokia.traffic.hsdsch_allocation_release.hsdsch_normal_release_for_background} + {Nokia.traffic.hsdsch_allocation_release.hsdsch_release_due_to_other_failure_for_interactive} + {Nokia.traffic.hsdsch_allocation_release.hsdsch_release_due_to_other_failure_for_background} + {Nokia.traffic.hsdsch_allocation_release.hsdsch_rele	FLOAT	%	The retainability of all successfully allocated HS-DSCH for NRT traffic. This KPI is based on Traffic Measurement. Note The normal transition from HS-DSCH to FACH/DCH is considered to be a normal HS-DSCH release (including transitions due to mobility and pre-emption).	Average, avg, nkcttbh, nkrttbh

	ase_due_to_rl_failure_for_interactive} + {Nokia.traffic.hsdsch_allocation_release.hsdsch_release_due_to_rl_failure_for_background})				

6.6.111Cell.Nokia.UMTS.RAN_Usage.Cell_Resource

WCDMA RAN KPI Usage:Cell Resource related statistics

KPI Name	Expression	Data Type	Units	Description	Aggregation
average_fach_throughput	{Nokia.sccpch.ave_fach_user_tot_throughput_for_sccpch_inc_pch} / ({Nokia.sccpch.fach_user_tot_throughput_denom_0}*1000)	FLOAT	kbps	Average FACH Throughput [kbit/s] over the reporting period. Includes both the user and signalling data. This measurement is based on Cell Resource Measurement, where the average FACH Throughput of a cell is measured. See RNC Counters - RNW Part in Nokia WCDMA RNC Product Documentation.	Average, avg, max, min, nkcttbh, nkrttbh, tot
average_pch_throughput	({Nokia.sccpch.ave_pch_throughput}/ {Nokia.sccpch.pch_throughput_denom_0})/1000	FLOAT	kbps	Average PCH Throughput [kbit/s] over the reporting period. Includes both the user and signalling data. This KPI is based on Cell Resource	Average, avg, max, min, nkcttbh, nkrttbh, tot

				Measurement, where the average PCH Throughput of a cell is measured. See RNC Counters - RNW Part in Nokia WCDMA RNC Product Documentation.	
average_rach_throughput	({Nokia.rach.ave_rach_throughput}/ {Nokia.rach.rach_denom_3})/1000	FLOAT	kbps	Average RACH Throughput [kbit/s] over the reporting period. Includes both user and signalling data. This measurement is based on Cell Resource Measurement, where the average RACH Throughput of a cell is measured. See RNC Counters - RNW Part in Nokia WCDMA RNC Product Documentation.	Average, avg, max, min, nkcttbh, nkrttbh, tot
average_sab_throughput	{Nokia.sccpch.ave_fach_total_throughput_sab} / ({Nokia.sccpch.ave_fach_total_throughput_sab_denom}*1000)	FLOAT	kbps	Average SAB Throughput [kbit/s] over the reporting period. Includes both the user and signalling data. This measurement is based on Cell Resource Measurement, where the average SAB Throughput of a cell is measured. See RNC Counters - RNW Part in Nokia WCDMA RNC Product Documentation.	Average, avg, max, min, nkcttbh, nkrttbh, tot

6.6.112Cell.Nokia.UMTS.RAN_Usage.Cell_Usage

WCDMA RAN KPI Usage:Cell Usage related statistics

KPI Name	Expression	Data Type	Units	Description	Aggregation
cs_erlang	nok_ran_use_cell_use_tab.ywb045xahk26seccb00hw01qk4	FLOAT	Erlang	CS Erlang meaning the CS RAB holding time. This KPI is based on Service Level measurement on RNC Counters - RNW Part in Nokia WCDMA RNC Product Documentation. The Traffic measurement provides only data when traffic allocation occurs. Therefore, there may not always be data for all the cells or all the intervals. The formula does not take this into account.	Average, avg, max, min, nkcttbh, nkrttbh, tot

6.6.113Cell.Nokia.UMTS.RAN_Usage.RCPM

WCDMA RAN KPI Usage:RCPM related statistics

The performance data measurements for this KPI group are recorded against the combination of Cell and Radio_Connection_Type (radio_connection_type_id)

KPI Name	Expression	Data Type	Units	Description	Aggregation

average_net_throughput	nok_ran_use_rcpm_tab.ywbiwk6ahk26seccb00hw01qk4	FLOAT	kbps	The net throughput in Downlink for Interactive and Background Class traffic using DCH or HSDSCH depending on the service type filtered. The throughput excludes RLC retransmissions. This KPI is based on Radio Connection Performance Measurement RLC. See RNC Counters - RNW Part in Nokia WCDMA RNC Product Documentation.	Average, avg, max, min, nkcttbh, nkrttbh, tot

6.6.114Cell.Nokia.UMTS.RAN_Usage.Service_Level

WCDMA RAN KPI Usage:Service Level related statistics

KPI Name	Expression	Data Type	Units	Description	Aggregation
_%_cell_availability_excluding_blu	nok_nkcel_ranusesvclvl_tab.skegin0ag32ahdvuj02uauibev	FLOAT	%	Cell Availability, excluding blocked by user state (BLU). [RAN_KPI_0018B]	Average, avg, nkcttbh, nkrttbh, tot, min, max
cell_availability	nok_nkcel_ranusesvclvl_tab.ywchshxahk26seccb00hw01qk4	FLOAT	%	The availability of the WCELLs under a controlling RNC (CRNC). This KPI is based on Cell Resource measurement in RNC Counters - RNW Part in Nokia WCDMA RNC	Average, avg, max, min, nkcttbh, nkrttbh, tot

				Product Documentation.	
noise_floor_of_system	{Nokia.prxtotal.ave_prx_noise}/(-100)	FLOAT	dBm	Average PrxNoise threshold used in dBm.	Average, avg, max, min, nkcttbh, nkrttbh, tot

6.6.115Cell.Nokia.UMTS.RAN_Usage.Traffic

WCDMA RAN KPI Usage:Traffic related statistics

KPI Name	Expression	Data Type	Units	Description	Aggregation
average_allocated_downlink_dedicated_channel_capacity_cs_calls_crnc	nok_ran_use_traf_tab.ywef3cpahk26seccb00hw01qk4	FLOAT	kbps	Allocated Downlink Dedicated Channel Capacity [kbit/s] for CS Voice in Controlling RNC for the reporting period. These throughput calculations are based on resource allocation counters and do not show the actual throughput but only the allocated capacity. This KPI is based on Traffic measurement in RNC Counters - RNW Part in Nokia WCDMA RNC Product Documentation. Note 1 The counters	Average, avg, max, min, nkcttbh, nkrttbh, tot

				in the formula include soft handover overheads.	
average_allocated_downlink_dedicated_channel_capacity_data_calls_crnc	nok_ran_use_traf_tab.ywdvssxahk26seccb00hw01qk4	FLOAT	kbps	Allocated Downlink Dedicated Channel Capacity [kbit/s] for Data Calls in Controlling RNC over the reporting period. These throughput calculations are based on resource allocation counters and do not show actual throughput but only the allocated capacity. This KPI is based on Traffic measurement in RNC Counters - RNW Part in Nokia WCDMA RNC Product Documentation. Note 1 The counters in the formula include soft handover overheads. Note 2 The formula was updated in RAN04 with new NRT RB bit rates 8,16 and 32.	Average, avg, max, min, nkcttbh, nkrttbh, tot
average_allocated_uplink_dedicated_channel_capacity_cs_voice_crnc	nok_ran_use_traf_tab.ywcwotpahk26seccb00hw01qk4	FLOAT	kbps	Allocated Uplink Dedicated Channel Capacity [kbit/s] for CS Voice in Controlling RNC for the reporting period. These throughput	Average, avg, max, min, nkcttbh, nkrttbh, tot

				calculations are based on resource allocation counters and do not show the actual throughput but only the allocated capacity. This KPI is based on Traffic measurement in RNC Counters - RNW Part in Nokia WCDMA RNC Product Documentation. Note 1 The counters in the formula include soft handover overheads. Note 2 The formula was updated in RAN04 with new NRT RB bit rates 8, 16 and 32.	
average_allocated_uplink_dedicated_channel_capacity_data_calls_crnc	nok_ran_use_traf_tab.ywdg5a6ahk26seccb00hw01qk4	FLOAT	kbps	Allocated Uplink Dedicated Channel Capacity [kbit/s] for Data Calls in Controlling RNC over the reporting period. These throughput calculations are based on resource allocation counters and do not show the actual throughput but only the allocated capacity.	Average, avg, max, min, nkcttbh, nkrttbh, tot

				This KPI is based on Traffic measurement in RNC Counters - RNW Part in Nokia WCDMA RNC Product Documentation. Note 1 The counters in the formula include soft handover overheads. Note 2 The formula was updated in RAN04 with new NRT RB bit rates 8,16 and 32.	

6.6.116Cell.Nokia.UMTS.rcpm.dl_pdcp_sdu_pdu_rlc

RCPM RLC - Downlink PDCP, PDU, SDU transfer statistics

The performance data measurements for this KPI group are recorded against the combination of Cell and Radio_Connection_Type (radio_connection_type_id)

KPI Name	Expression	Data Type	Units	Description	Aggregation
am_rlc_dl_pdus_for_transmission	nok_nkcel_rcpdlpdcppdur_tab.rmxx6xtahl26seccb00hw01qk4	INT8	#	The number of downlink RLC AM PDUs added to the RLC transmission buffer. This includes also PDUs retransmitted due to RLC polling procedure.	Sum, nkcttbh, nkrttbh, tot
am_rlc_pdus_transmitted_in_downlink	nok_nkcel_rcpdlpdcppdur_tab.rno4qhdahl26seccb00hw01qk4	INT8	#	The number of transmitted RLC AM DL PDUs. Includes also retransmitted DL PDUs and control PDUs.	Sum, nkcttbh, nkrttbh, tot

average_am_rlc_transmission_buffer_occupancy	nok_nkcel_rcpdlpdcppdur_tab.rmlnn02ahl26seccb00hw01qk4	INT8	Byte	The average RLC AM DL PDU transmission buffer occupancy. Includes both first-time transmission and retransmission buffers. Does not include periods when the DL transmission buffers in the RLC entity are empty.	Average, avg, max, min, nkcttbh, nkrttbh, tot
average_number_of_transmissions_per_pdu_in_am_rlc_dl	nok_nkcel_rcpdlpdcppdur_tab.rmu0xytahl26seccb00hw01qk4	FLOAT	#	The average number of required transmissions per PDU in RLC AM DL. For a perfect connection the value of this counter is one.	Average, avg, max, min, nkcttbh, nkrttbh, tot
average_pdcp_buffer_occupancy	nok_nkcel_rcpdlpdcppdur_tab.rmmg4bxahl26seccb00hw01qk4	INT8	Byte	The average PDCP buffer occupancy in RLC AM DL. Does not include periods when the DL transmission buffers in the RLC entity are empty.	Average, avg, max, min, nkcttbh, nkrttbh, tot
bad_rlc_am_dl_connections	nok_nkcel_rcpdlpdcppdur_tab.rnqlvhtahl26seccb00hw01qk4	INT8	#	The number of bad connections for RLC AM in downlink direction.	Sum, nkcttbh, nkrttbh, tot
dl_gross_throughput_of_am_rlc_pdu	nok_nkcel_rcpdlpdcppdur_tab.rmp4jydahl26seccb00hw01qk4	FLOAT	kbps	The average downlink PDU gross throughput of the RLC AM connection.	Average, avg, max, min, nkcttbh, nkrttbh,

This edition applies to IBM® Tivoli® Netcool® Performance Manager for Wireless and to all subsequent releases and modifications until otherwise indicated in new editions.

				Includes also retransmissions. Does not include periods when the DL transmission buffers in the RLC entity are empty.	tot
dl_net_throughput_of_am_rlc_pdu	nok_nkcel_rcpdlpdcppdur_tab.rmrnfxlahl26seccb00hw01qk4	FLOAT	kbps	The average downlink net PDU throughput of RLC AM connections. Does not include retransmissions. Does not include periods when the DL transmission buffers in the RLC entity are empty.	Average, avg, max, min, nkcttbh, nkrttbh, tot
dl_pdu_error_ratio_in_am_rlc	nok_nkcel_rcpdlpdcppdur_tab.rnnekdpahl26seccb00hw01qk4	FLOAT	#	The ratio between unsuccessfully transmitted RLC AM DL PDUs and all transmitted RLC AM DL PDUs (including retransmissions).	Average, avg, max, min, nkcttbh, nkrttbh, tot
dl_rlc_am_sdu_payload_of_ps_traffic	nok_nkcel_rcpdlpdcppdur_tab.rnrfgx6ahl26seccb00hw01qk4	INT8	Byte	The number of SDU bytes transmitted in downlink using RLC AM. The RLC SDU payload measuring is made for compressed bytes (after PDCP in DL) and includes RLC SDU headers. Discarded SDUs are included.	Sum, nkcttbh, nkrttbh, tot
ideal_rlc_am_dl_connections	nok_nkcel_rcpdlpdcppdur_tab.rmo4ajpahl26seccb00hw01qk4	INT8	#	The number of ideal connections for RLC AM in downlink direction.	Sum, nkcttbh, nkrttbh, tot

measurement_time_period_for_dl_rlc_am	nok_nkcel_rcpdlpdcppdur_tab.rn56s0xahl26seccb00hw01qk4	INT8	ms	The total time period when the measurement was active in the RLC AM DL entity. The active time is the time between when the first RLC SDU arrives in the RLC buffer and when all the RLC PDUs of the packet call have been acknowledged. Periods when the DL transmission buffers are empty are excluded.	Sum, nkcttbh, nkrttbh, tot
pdu_discard_ratio_in_am_rlc_dl	nok_nkcel_rcpdlpdcppdur_tab.rmusqbxahl26seccb00hw01qk4	FLOAT	#	The RLC PDU discard ratio for downlink connections using RLC AM.	Average, avg, max, min, nkcttbh, nkrttbh, tot
received_dl_pdu_reports	nok_nkcel_rcpdlpdcppdur_tab.rnpsjplahl26seccb00hw01qk4	INT8	#	The number of RLC AM reports for the RLC AM DL PDU error ratio measurement.	Sum, nkcttbh, nkrttbh, tot
reports_for_average_dl_buffer_occupancy	nok_nkcel_rcpdlpdcppdur_tab.rnel436ahl26seccb00hw01qk4	INT8	#	The number of RLC AM reports for the RLC AM DL transmission buffer and the PDCP buffer occupancy measurement.	Sum, nkcttbh, nkrttbh, tot
reports_for_dl_am_	nok_nkcel_rcpdlpdcppdur_	INT8	#	The number of	Sum,

rlc_throughput	tab.rmqv1qlahl26seccb00hw01qk4			RLC AM reports for RLC AM DL gross and net throughput values.	nkcttbh, nkrttbh, tot
rlc_am_dl_average_transfer_delay_of_sdu	nok_nkcel_rcpdlpdcppdur_tab.rn1corlahl26seccb00hw01qk4	INT8	ms	The average transfer delay of transferred RLC AM SDUs in downlink. Transfer delay is the time difference between when the SDU is received from the upper layer (RRC or PDCP) and when the last PDU containing data from that SDU is acknowledged by the UE as successfully transferred. If an SDU is discarded due to SDU discard function, the transfer time is then the difference between the time when SDU is received from the upper layer and the time when SDU is discarded.	Average, avg, max, min, nkcttbh, nkrttbh, tot
rlc_am_dl_sum_of_ave_transfer_delay_of_sdu	nok_nkcel_rcpdlpdcppdur_tab.rn23ot6ahl26seccb00hw01qk4	INT8	ms	The sum of average SDU transfer delay values in RLC AM DL.	Sum, nkcttbh, nkrttbh, tot
rlc_am_dl_sum_of_squared_transmission_delay_of_sdu	nok_nkcel_rcpdlpdcppdur_tab.rn3nbkhahl26seccb00hw01qk4	INT8	msSqr	The sum of squared SDU transmission delay values in RLC AM DL.	Sum, nkcttbh, nkrttbh, tot
rlc_am_dl_sum_of_standard_deviatio	nok_nkcel_rcpdlpdcppdur_tab.rn2vcvdahl26seccb00h	INT8	ms	The sum of standard deviations	Sum, nkcttbh,

ns_of_transfer_delay_of_sdu	w01qk4			of the SDU transfer delay values in RLC AM DL.	nkrttbh, tot
rlc_am_sdu_dl_error_ratio	nok_nkcel_rcpdlpdcppdur_tab.rmypwchahl26seccb00hw01qk4	FLOAT	#	The average SDU error ratio in RLC AM downlink. Defined as the ratio between discarded SDUs and the total number of SDUs received for transmission from the PDCP layer. Note that this counter does not include RLC SDUs that have overflowed from the PDCP buffer.	Average, avg, max, min, nkcttbh, nkrttbh, tot
rlc_retransmission_distribution_class_0	nok_nkcel_rcpdlpdcppdur_tab.rnilkntahl26seccb00hw01qk4	INT8	#	The number of downlink RLC AM PDUs which have been successfully delivered to the UE without retransmissions.	Sum, nkcttbh, nkrttbh, tot
rlc_retransmission_distribution_class_1	nok_nkcel_rcpdlpdcppdur_tab.rnjef4lahl26seccb00hw01qk4	INT8	#	The number of downlink RLC AM PDUs which have been successfully delivered to the UE with one retransmission.	Sum, nkcttbh, nkrttbh, tot
rlc_retransmission_distribution_class_2	nok_nkcel_rcpdlpdcppdur_tab.rnk5eexahl26seccb00hw01qk4	INT8	#	The number of downlink RLC AM PDUs which have been successfully delivered to the UE	Sum, nkcttbh, nkrttbh, tot

This edition applies to IBM® Tivoli® Netcool® Performance Manager for Wireless and to all subsequent releases and modifications until otherwise indicated in new editions.

				with two retransmissions.	
rlc_retransmission_distribution_class_3	nok_nkcel_rcpdlpdcppdur_tab.rnkxyexahl26seccb00hw01qk4	INT8	#	The number of downlink RLC AM PDUs which have been successfully delivered to the UE with three retransmissions.	Sum, nkcttbh, nkrttbh, tot
rlc_retransmission_distribution_class_4	nok_nkcel_rcpdlpdcppdur_tab.rnlrsahahl26seccb00hw01qk4	INT8	#	The number of downlink RLC AM PDUs which have been successfully delivered to the UE with four retransmissions.	Sum, nkcttbh, nkrttbh, tot
rlc_retransmission_distribution_class_5	nok_nkcel_rcpdlpdcppdur_tab.rnmm4itahl26seccb00hw01qk4	INT8	#	The number of downlink RLC AM PDUs which have been successfully delivered to the UE with five or more retransmissions or the PDU is discarded.	Sum, nkcttbh, nkrttbh, tot
sdus_for_transmission_in_rlc_am_dl	nok_nkcel_rcpdlpdcppdur_tab.rn4gkwhahl26seccb00hw01qk4	INT8	#	The number of RLC AM SDUs ready for transmission in downlink. Includes also discarded SDUs.	Sum, nkcttbh, nkrttbh, tot
sum_of_squared_am_rlc_buffer_occupancy_values	nok_nkcel_rcpdlpdcppdur_tab.rmwf46pahl26seccb00hw01qk4	INT8	kbpsSqr	The sum of squared RLC AM DL PDU transmission buffer occupancy values. Does not include periods when the DL transmission buffers in the RLC entity are empty.	Sum, nkcttbh, nkrttbh, tot
sum_of_squared_a	nok_nkcel_rcpdlpdcppdur_	FLOAT	#	The sum of squared	Sum,

ve_number_of_pdu_transmissions	tab.rmx4shdahl26seccb00hw01qk4			average number of transmissions per PDU values in RLC AM DL.	nkcttbh, nkrttbh, tot
sum_of_squared_dl_gross_throughput_of_rlc_am_pdu	nok_nkcel_rcpdlpdcppdur_tab.rmpy0nxahl26seccb00hw01qk4	FLOAT	kbpsSqr	The sum of squared RLC AM DL PDU gross throughput values.	Sum, nkcttbh, nkrttbh, tot
sum_of_squared_dl_net_throughput_of_am_rlc_pdu	nok_nkcel_rcpdlpdcppdur_tab.rmsfhjtahl26seccb00hw01qk4	FLOAT	kbpsSqr	The sum of squared RLC AM DL PDU net throughput values.	Sum, nkcttbh, nkrttbh, tot
sum_of_squared_dl_pdu_error_ratio	nok_nkcel_rcpdlpdcppdur_tab.rnoxuuxahl26seccb00hw01qk4	FLOAT	#	The sum of squared RLC AM DL PDU error ratio values.	Sum, nkcttbh, nkrttbh, tot
sum_of_squared_pdcp_buffer_occupancy_values	nok_nkcel_rcpdlpdcppdur_tab.rn60syxahl26seccb00hw01qk4	FLOAT	kByteSqr	The sum of squared PDCP buffer occupancy values in RLC AM DL. Does not include periods when the DL transmission buffers in the RLC entity are empty.	Sum, nkcttbh, nkrttbh, tot
sum_of_squared_rlc_am_sdu_dl_error_ratio	nok_nkcel_rcpdlpdcppdur_tab.rn0jlhdahl26seccb00hw01qk4	FLOAT	#	The sum of squared SDU error ratio values in RLC AM DL. Measured from the RLC entity.	Sum, nkcttbh, nkrttbh, tot
sum_of_squared_transmission_time_values_for_dl_am_rlc	nok_nkcel_rcpdlpdcppdur_tab.rmta0bpahl26seccb00hw01qk4	INT8	SecSqr	The sum of squared transmission time values for the RLC AM downlink.	Sum, nkcttbh, nkrttbh, tot
too_good_rlc_am_dl_connections	nok_nkcel_rcpdlpdcppdur_tab.rmnbltpahl26seccb00h	INT8	#	The number of too good connections	Sum, nkcttbh,

	w01qk4			for RLC AM in downlink direction.	nkrttbh, tot
user_dl_throughput_distribution_class_10	nok_nkcel_rcpdlpdcppdur_tab.rnhtc5dahl26seccb00hw01qk4	INT8	#	The number of connections with larger than 1 Mbit/s downlink gross throughput.	Sum, nkcttbh, nkrttbh, tot
user_dl_throughput_distribution_class_11	nok_nkcel_rcpdlpdcppdur_tab.uaqadfl1im2ahsxr0035xkcuai	INTEGER	#	The number of connections with the 2 Mbit/s...4 Mbit/s downlink RLC PDU gross throughput.	Sum, nkcttbh, nkrttbh, tot
user_dl_throughput_distribution_class_12	nok_nkcel_rcpdlpdcppdur_tab.uaqadfn1im2ahsxr0035xkcuai	INTEGER	#	The number of connections with the 4 Mbit/s...8 Mbit/s downlink RLC PDU gross throughput.	Sum, nkcttbh, nkrttbh, tot
user_dl_throughput_distribution_class_13	nok_nkcel_rcpdlpdcppdur_tab.uaqadfp1im2ahsxr0035xkcuai	INTEGER	#	The number of connections with larger than the 8 Mbit/s downlink RLC PDU gross throughput.	Sum, nkcttbh, nkrttbh, tot
user_dl_throughput_distribution_class_1	nok_nkcel_rcpdlpdcppdur_tab.rn6s4d6ahl26seccb00hw01qk4	INT8	#	The number of connections with 0...4 kbit/s downlink gross throughput.	Sum, nkcttbh, nkrttbh, tot
user_dl_throughput_distribution_class_2	nok_nkcel_rcpdlpdcppdur_tab.rnamya6ahl26seccb00hw01qk4	INT8	#	The number of connections with 4...8 kbit/s downlink gross throughput.	Sum, nkcttbh, nkrttbh, tot
user_dl_throughput_distribution_class_3	nok_nkcel_rcpdlpdcppdur_tab.rnbfmmxahl26seccb00hw01qk4	INT8	#	The number of connections with 8...16 kbit/s downlink gross throughput.	Sum, nkcttbh, nkrttbh, tot
user_dl_throughput	nok_nkcel_rcpdlpdcppdur_	INT8	#	The number of	Sum,

_distribution_class_4	tab.rnc6ogtahl26seccb00hw01qk4			connections with 16...32 kbit/s downlink gross throughput.	nkcttbh, nkrttbh, tot
user_dl_throughput_distribution_class_5	nok_nkcel_rcpdlpdcppdur_tab.rncyludahl26seccb00hw01qk4	INT8	#	The number of connections with 32...64 kbit/s downlink gross throughput.	Sum, nkcttbh, nkrttbh, tot
user_dl_throughput_distribution_class_6	nok_nkcel_rcpdlpdcppdur_tab.rndrsdtahl26seccb00hw01qk4	INT8	#	The number of connections with 64...128 kbit/s downlink gross throughput.	Sum, nkcttbh, nkrttbh, tot
user_dl_throughput_distribution_class_7	nok_nkcel_rcpdlpdcppdur_tab.rnff3t6ahl26seccb00hw01qk4	INT8	#	The number of connections with 128...256 kbit/s downlink gross throughput.	Sum, nkcttbh, nkrttbh, tot
user_dl_throughput_distribution_class_8	nok_nkcel_rcpdlpdcppdur_tab.rng5o5tahl26seccb00hw01qk4	INT8	#	The number of connections with 256...512 kbit/s downlink gross throughput.	Sum, nkcttbh, nkrttbh, tot
user_dl_throughput_distribution_class_9	nok_nkcel_rcpdlpdcppdur_tab.rnh2phpahl26seccb00hw01qk4	INT8	#	The number of connections with 512 kbit/s...1 Mbit/s downlink gross throughput.	Sum, nkcttbh, nkrttbh, tot

6.6.117Cell.Nokia.UMTS.rcpm.ul_am_rlc

RCPM RLC - Uplink AM transfer statistics

The performance data measurements for this KPI group are recorded against the combination of Cell and Radio_Connection_Type (radio_connection_type_id)

KPI Name	Expression	Data	Units	Description	Aggregati

		Type			on
measurement_time_period_for_ul_rlc_am	nok_nkcel_rcpmulamrl_tab.rntw5ghahl26seccb00hw01qk4	INT8	ms	The total time period when the measurement was active in the RLC AM UL entity. The active time is the time between when the first RLC SDU arrives in the RLC buffer and when all the RLC PDUs of the packet call have been acknowledged. Periods when the transmission buffers are empty are excluded.	Sum, nkcttbh, nkrttbh, tot
transmitted_am_rlc_pdus_in_uplink	nok_nkcel_rcpmulamrl_tab.rnt433pahl26seccb00hw01qk4	INT8	#	The number of received RLC AM PDUs in uplink.	Sum, nkcttbh, nkrttbh, tot
ul_rlc_am_sdu_payload_of_ps_traffic	nok_nkcel_rcpmulamrl_tab.rnscq5hahl26seccb00hw01qk4	INT8	Byte	The number of SDU bytes transmitted in uplink using RLC AM. The RLC SDU payload measuring is made for compressed bytes (before PDCP in UL) and includes RLC SDU headers.	Sum, nkcttbh, nkrttbh, tot

6.6.118Cell.Nokia.UMTS.rcpm.ul_pdcp_sdu_pdu_rlc

RCPM RLC - Uplink PDCP, PDU, SDU transfer statistics

The performance data measurements for this KPI group are recorded against the combination of Cell and Radio_Connection_Type (radio_connection_type_id)

KPI Name	Expression	Data Type	Units	Description	Aggregation
user_ul_throughput	nok_nkcel_rcpulpdcppdur_	INTEG	#	The number of	Sum,

_distribution_class_1	tab.uaqadfr1im2ahsxr0035xkcuai	ER		connections with the 0 kbit/s...250 kbit/s uplink SDU throughput.	nkcttbh, nkrttbh, tot
user_ul_throughput_distribution_class_2	nok_nkcel_rcpulpdcppdur_tab.uaqadft1im2ahsxr0035xkcuai	INTEGER	#	The number of connections with the 250 kbit/s...500 kbit/s uplink SDU throughput.	Sum, nkcttbh, nkrttbh, tot
user_ul_throughput_distribution_class_3	nok_nkcel_rcpulpdcppdur_tab.uaqadfv1im2ahsxr0035xkcuai	INTEGER	#	The number of connections with the 500 kbit/s...1 Mbit/s uplink SDU throughput.	Sum, nkcttbh, nkrttbh, tot
user_ul_throughput_distribution_class_4	nok_nkcel_rcpulpdcppdur_tab.uaqadfx1im2ahsxr0035xkcuai	INTEGER	#	The number of connections with the 1000 kbit/s...1500 kbit/s uplink SDU throughput.	Sum, nkcttbh, nkrttbh, tot
user_ul_throughput_distribution_class_5	nok_nkcel_rcpulpdcppdur_tab.uaqadg01im2ahsxr0035xkcuai	INTEGER	#	The number of connections with larger than the 1500 kbit/s uplink SDU throughput.	Sum, nkcttbh, nkrttbh, tot

6.6.119Cell.Nokia.UMTS.rlc_retransmission_wcel

RLC AM PDU retransmission statistics

The performance data measurements for this KPI group are recorded against the combination of Cell and Radio_Connection_Type (radio_connection_type_id)

KPI Name	Expression	Data Type	Units	Description	Aggregation
rlc_retrans_distr_class_0_w	nok_wcel_rlcretx_tab.xjvhe06dmm2aicsd002uaxybdk	INTEGER	#	The number of downlink RLC AM PDUs which have	Sum, nkcttbh, nkrttbh,

				been successfully delivered to the UE without retransmissions.	tot
rlc_retrans_distr_class_1_w	nok_wcel_rlcretx_tab.xjvhe0bdmm2aicsd002uaxybdk	INTEGER	#	The number of downlink RLC AM PDUs which have been successfully delivered to the UE with one retransmission.	Sum, nkcttbh, nkrttbh, tot
rlc_retrans_distr_class_2_w	nok_wcel_rlcretx_tab.xjvhe0ddmm2aicsd002uaxybdk	INTEGER	#	The number of downlink RLC AM PDUs which have been successfully delivered to the UE with two retransmissions.	Sum, nkcttbh, nkrttbh, tot
rlc_retrans_distr_class_3_w	nok_wcel_rlcretx_tab.xjvhe0fdmm2aicsd002uaxybdk	INTEGER	#	The number of downlink RLC AM PDUs which have been successfully delivered to the UE with three retransmissions.	Sum, nkcttbh, nkrttbh, tot
rlc_retrans_distr_class_4_w	nok_wcel_rlcretx_tab.xjvhe0hdmm2aicsd002uaxybdk	INTEGER	#	The number of downlink RLC AM PDUs which have been successfully delivered to the UE with four retransmissions.	Sum, nkcttbh, nkrttbh, tot
rlc_retrans_distr_class_5_w	nok_wcel_rlcretx_tab.xjvhe0jdmm2aicsd002uaxybdk	INTEGER	#	The number of downlink RLC AM PDUs which have been successfully delivered to the UE with five or more retransmissions or the PDU is discarded.	Sum, nkcttbh, nkrttbh, tot

6.6.120Cell.Nokia.UMTS.rrc.connection_access

RRC - Connection access failures/completions/releases statistics

KPI Name	Expression	Data Type	Units	Description	Aggregation
_%_rrc_acc_comp	100 * ({Nokia.rrc.connection_setup.rrc_setup_compl}-({rrc_acc_fail_due_to_radio_int_synch}+{rrc_acc_fail_due_to_uu_int}+{rrc_acc_fail_due_to_rnc_inter_reasons}))/{Nokia.rrc.connection_setup.rrc_setup_compl}	FLOAT	%	Percentage of RRC connection access completions over setups.	Average, avg, nkcttbh, nkrttbh
_%_rrc_acc_fail	100 * ({rrc_acc_fail_due_to_radio_int_synch}+{rrc_acc_fail_due_to_uu_int}+{rrc_acc_fail_due_to_rnc_inter_reasons})/{Nokia.rrc.connection_setup.rrc_setup_compl}	FLOAT	%	Percentage of RRC connection access failures over setup completes	Average, avg, nkcttbh, nkrttbh
rrc_acc_comp	nok_nkcel_rrcconacc_tab.rnupvuhahl26seccb00hw01qk4	INT8	#	A number of RRC connection access completions	Sum, nkcttbh, nkrttbh, tot
rrc_acc_fail_due_to_radio_int_synch	nok_nkcel_rrcconacc_tab.rnvii5xahl26seccb00hw01qk4	INT8	#	A number of RRC connection access failures caused by radio interface synchronisation. If the BTS fails to establish synchronisation at radio L1 during the timer t_inisyf, it	Sum, nkcttbh, nkrttbh, tot

				will send a RL failure message indicating a cause synchronisation failure to the RNC	
rrc_acc_fail_due_to_rnc_inter_reasons	nok_nkcel_rrcconacc_tab.rnx3nfxahl26seccb00hw01qk4	INT8	#	A number of RRC connection access failures caused by RNCs internal reasons (eg. Parameter mismatch, timer expiry)	Sum, nkcttbh, nkrttbh, tot
rrc_acc_fail_due_to_uu_int	nok_nkcel_rrcconacc_tab.rnwd20tahl26seccb00hw01qk4	INT8	#	A number of RRC connection access failures caused by UU interface. When the RNC does not receive RRC_CONNECTION_SETUP from the UE.	Sum, nkcttbh, nkrttbh, tot
rrc_access_release_call_re_establishment	nok_nkcel_rrcconacc_tab.roggp22ahl26seccb00hw01qk4	INT8	#	The number of RRC connection access releases due to cell reselection for calls established with the cause call re- establishment. This is the case when the UE has sent a new RRC connection request to the new cell while the RRC connection setup phase is still ongoing in the old cell. The RNC releases resources for the old RRC connection attempt.	Sum, nkcttbh, nkrttbh, tot
rrc_access_release_	nok_nkcel_rrcconacc_tab.r	INT8	#	The number of	Sum,

detach	oe1egpahl26seccb00hw01qk4			RRC connection access releases due to cell reselection for calls established with the cause detach. This is the case when the UE has sent a new RRC connection request to the new cell while the RRC connection setup phase is still ongoing in the old cell. The RNC releases resources for the old RRC connection attempt.	nkcttbh, nkrttbh, tot
rrc_access_release_emergency_call	nok_nkcel_rrcconacc_tab.roakhv6ahl26seccb00hw01qk4	INT8	#	The number of RRC connection access releases due to cell reselection for calls established with the cause emergency call. This is the case when the UE has sent a new RRC connection request to the new cell while the RRC connection setup phase is still ongoing in the old cell. The RNC releases resources for the old RRC connection attempt.	Sum, nkcttbh, nkrttbh, tot
rrc_access_release_inter_rat_cell_chan	nok_nkcel_rrcconacc_tab.roc50yxahl26seccb00hw01q	INT8	#	The number of RRC connection	Sum, nkcttbh,

ge_order	k4			access releases due to cell reselection for calls established with the cause inter-RAT cell change order. This is the case when the UE has sent a new RRC connection request to the new cell while the RRC connection setup phase is still ongoing in the old cell. The RNC releases resources for the old RRC connection attempt.	nkrttbh, tot
rrc_access_release_inter_rat_cell_resel	nok_nkcel_rrcconacc_tab.robelilahl26seccb00hw01qk4	INT8	#	The number of RRC connection access releases due to cell reselection for calls established with the cause inter-RAT cell reselection. This is the case when the UE has sent a new RRC connection request to the new cell while the RRC connection setup phase is still ongoing in the old cell. The RNC releases resources for the old RRC connection attempt.	Sum, nkcttbh, nkrttbh, tot
rrc_access_release_mo_background_call	nok_nkcel_rrcconacc_tab.ro2fsvpahl26seccb00hw01qk4	INT8	#	The number of RRC connection access releases due to cell reselection for calls established with the cause originating	Sum, nkcttbh, nkrttbh, tot

				background call. This is the case when the UE has sent a new RRC connection request to the new cell while the RRC connection setup phase is still ongoing in the old cell. The RNC releases resources for the old RRC connection attempt.	
rrc_access_release_mo_conversational_call	nok_nkcel_rrcconacc_tab.rnyrhhtahl26seccb00hw01qk4	INT8	#	The number of RRC connection access releases due to cell reselection for calls established with the cause originating conversational call. This is the case when the UE has sent a new RRC connection request to the new cell while the RRC connection setup phase is still ongoing in the old cell. The RNC releases resources for the old RRC connection attempt.	Sum, nkcttbh, nkrttbh, tot
rrc_access_release_mo_high_priority_signalling	nok_nkcel_rrcconacc_tab.roetiqtahl26seccb00hw01qk4	INT8	#	The number of RRC connection access releases due to cell reselection for calls established	Sum, nkcttbh, nkrttbh, tot

				with the cause originating high priority signalling. This is the case when the UE has sent a new RRC connection request to the new cell while the RRC connection setup phase is still ongoing in the old cell. The RNC releases resources for the old RRC connection attempt.	
rrc_access_release_mo_interactive_call	nok_nkcel_rrcconacc_tab.ro1m112ahl26seccb00hw01qk4	INT8	#	The number of RRC connection access releases due to cell reselection for calls established with the cause originating interactive call. This is the case when the UE has sent a new RRC connection request to the new cell while the RRC connection setup phase is still ongoing in the old cell. The RNC releases resources for the old RRC connection attempt.	Sum, nkcttbh, nkrttbh, tot
rrc_access_release_mo_low_priority_signalling	nok_nkcel_rrcconacc_tab.rofmid2ahl26seccb00hw01qk4	INT8	#	The number of RRC connection access releases due to cell reselection for calls established with the cause originating low priority signalling.	Sum, nkcttbh, nkrttbh, tot

				This is the case when the UE has sent a new RRC connection request to the new cell while the RRC connection setup phase is still ongoing in the old cell. The RNC releases resources for the old RRC connection attempt.	
rrc_access_release_mo_streaming_call	nok_nkcel_rrcconacc_tab.ro0lrupahl26seccb00hw01qk4	INT8	#	The number of RRC connection access releases due to cell reselection for calls established with the cause originating streaming call. This is the case when the UE has sent a new RRC connection request to the new cell while the RRC connection setup phase is still ongoing in the old cell. The RNC releases resources for the old RRC connection attempt.	Sum, nkcttbh, nkrttbh, tot
rrc_access_release_mo_subscribed_traffic_call	nok_nkcel_rrcconacc_tab.ro3ckphahl26seccb00hw01qk4	INT8	#	The number of RRC connection access releases due to cell reselection for calls established with the cause originating	Sum, nkcttbh, nkrttbh, tot

				subscribed traffic call. This is the case when the UE has sent a new RRC connection request to the new cell while the RRC connection setup phase is still ongoing in the old cell. The RNC releases resources for the old RRC connection attempt.	
rrc_access_release_mt_background_call	nok_nkcel_rrcconacc_tab.ro6qjb6ahl26seccb00hw01qk4	INT8	#	The number of RRC connection access releases due to cell reselection for calls established with the cause terminating background call. This is the case when the UE has sent a new RRC connection request to the new cell while the RRC connection setup phase is still ongoing in the old cell. The RNC releases resources for the old RRC connection attempt.	Sum, nkcttbh, nkrttbh, tot
rrc_access_release_mt_cause_unknown	nok_nkcel_rrcconacc_tab.roit2u6ahl26seccb00hw01qk4	INT8	#	The number of RRC connection access releases due to cell reselection for calls established with the cause terminating - cause unknown. This is the case when the UE has sent a new	Sum, nkcttbh, nkrttbh, tot

				RRC connection request to the new cell while the RRC connection setup phase is still ongoing in the old cell. The RNC releases resources for the old RRC connection attempt.	
rrc_access_release_mt_conversational_call	nok_nkcel_rrcconacc_tab.ro4d4qxahl26seccb00hw01qk4	INT8	#	The number of RRC connection access releases due to cell reselection for calls established with the cause terminating conversational call. This is the case when the UE has sent a new RRC connection request to the new cell while the RRC connection setup phase is still ongoing in the old cell. The RNC releases resources for the old RRC connection attempt.	Sum, nkcttbh, nkrttbh, tot
rrc_access_release_mt_high_priority_signalling	nok_nkcel_rrcconacc_tab.roha56hahl26seccb00hw01qk4	INT8	#	The number of RRC connection access releases due to cell reselection for calls established with the cause terminating high priority signalling. This is the case	Sum, nkcttbh, nkrttbh, tot

				when the UE has sent a new RRC connection request to the new cell while the RRC connection setup phase is still ongoing in the old cell. The RNC releases resources for the old RRC connection attempt.	
rrc_access_release_mt_interactive_call	nok_nkcel_rrcconacc_tab.ro5wpitahl26seccb00hw01qk4	INT8	#	The number of RRC connection access releases due to cell reselection for calls established with the cause terminating interactive call. This is the case when the UE has sent a new RRC connection request to the new cell while the RRC connection setup phase is still ongoing in the old cell. The RNC releases resources for the old RRC connection attempt.	Sum, nkcttbh, nkrttbh, tot
rrc_access_release_mt_low_priority_signalling	nok_nkcel_rrcconacc_tab.roi0vadahl26seccb00hw01qk4	INT8	#	The number of RRC connection access releases due to cell reselection for calls established with the cause terminating low priority signalling. This is the case when the UE has sent a new RRC connection request	Sum, nkcttbh, nkrttbh, tot

				to the new cell while the RRC connection setup phase is still ongoing in the old cell. The RNC releases resources for the old RRC connection attempt.	
rrc_access_release_mt_streaming_call	nok_nkcel_rrcconacc_tab.ro53je6ahl26seccb00hw01qk4	INT8	#	The number of RRC connection access releases due to cell reselection for calls established with the cause terminating streaming call. This is the case when the UE has sent a new RRC connection request to the new cell while the RRC connection setup phase is still ongoing in the old cell. The RNC releases resources for the old RRC connection attempt.	Sum, nkcttbh, nkrttbh, tot
rrc_access_release_registration	nok_nkcel_rrcconacc_tab.rod3t3pahl26seccb00hw01qk4	INT8	#	The number of RRC connection access releases due to cell reselection for calls established with the cause registration. This is the case when the UE has sent a new RRC connection request to the new	Sum, nkcttbh, nkrttbh, tot

				cell while the RRC connection setup phase is still ongoing in the old cell. The RNC releases resources for the old RRC connection attempt.	
rrc_act_rel_directed_retry	nok_nkcel_rrcconacc_tab.xdrxaixdmm2aicsd002uaxybdk	INTEGER	#	The number of RRC connections released after a successful Directed Retry inter-system handover procedure for CS Voice calls. Also some RAB setup failure counter is updated before this counter. This counter does not include Wireless Priority Service related inter-system handovers.	Sum, nkcttbh, nkrttbh, tot
rrc_connection_access_release_due_to_cell_reselection	nok_nkcel_rrcconacc_tab.rnxwmqhahl26seccb00hw01qk4	INT8	#	The number of RRC Connection Access releases due to cell reselection. This is the case when the UE has sent a new RRC connection request to the new cell while the RRC connection setup phase is still ongoing in the old cell. The RNC releases resources for the old RRC connection attempt.	Sum, nkcttbh, nkrttbh, tot
srb_act_fail_backg	nok_nkcel_rrcconacc_tab.xdrxaitdmm2aicsd002uaxyb	INTEGER	#	The number of abnormally released	Sum, nkcttbh,

	dk			RRC connections with standalone signalling radio bearer before RAB assignment. Both originating and terminating background calls are included.	nkrttbh, tot
srb_act_fail_conv	nok_nkcel_rrcconacc_tab.xdrxaindmm2aicsd002uaxybdk	INTEGER	#	The number of abnormally released RRC connections with standalone signalling radio bearer before RAB assignment. Both originating and terminating conversational calls are included.	Sum, nkcttbh, nkrttbh, tot
srb_act_fail_intera	nok_nkcel_rrcconacc_tab.xdrxairdmm2aicsd002uaxybdk	INTEGER	#	The number of abnormally released RRC connections with standalone signalling radio bearer before RAB assignment. Both originating and terminating interactive calls are included.	Sum, nkcttbh, nkrttbh, tot
srb_act_fail_other	nok_nkcel_rrcconacc_tab.xdrxaivdmm2aicsd002uaxybdk	INTEGER	#	The number of abnormally released RRC connections with standalone signalling radio bearer before RAB assignment.	Sum, nkcttbh, nkrttbh, tot

This edition applies to IBM® Tivoli® Netcool® Performance Manager for Wireless and to all subsequent releases and modifications until otherwise indicated in new editions.

srb_act_fail_strea	nok_nkcel_rrcconacc_tab.xdrxaipdmm2aicsd002uaxybdk	INTEGER	#	The number of abnormally released RRC connections with standalone signalling radio bearer before RAB assignment. Both originating and terminating streaming calls are included.	Sum, nkcttbh, nkrttbh, tot
tot_rrc_access_fail	{rrc_acc_fail_due_to_radio_int_synch}+ {rrc_acc_fail_due_to_uu_int}+ {rrc_acc_fail_due_to_rnc_inter_reasons}	INT8	#	Total RRC access failures of all causes	Sum, nkcttbh, nkrttbh, tot

6.6.121Cell.Nokia.UMTS.rrc.connection_active

RRC - Connection active failures/completions/releases statistics

KPI Name	Expression	Data Type	Units	Description	Aggregation
_%_rrc_active_fail	100 * {tot_rrc_active_fail}/ ({rrc_active_comp}+ {rrc_active_rel_due_to_srnc_reloc}+ {rrc_active_rel_due_to_pre_emp}+ {rrc_conn_active_rel_due_to_unspec_error_in_cn}+ {tot_rrc_active_fail})	FLOAT	%	Percentage of RRC active failures over access.	Average, avg, nkcttbh, nkrttbh
rrc_active_comp	nok_nkcel_rrcconact_tab.rombbppahl26seccb00hw01qk4	INT8	#	A number of RRC connection active completions	Sum, nkcttbh, nkrttbh, tot
rrc_active_fail_due_to_bts_reasons	nok_nkcel_rrcconact_tab.roqdqqdahl26seccb00hw01qk4	INT8	#	A number of RRC connection active failures caused by a BTS	Sum, nkcttbh, nkrttbh, tot
rrc_active_fail_due	nok_nkcel_rrcconact_tab.ro	INT8	#	A number of RRC	Sum,

_to_ciph_fail	rysepahl26seccb00hw01qk4			connection active failures caused by a ciphering failure	nkcttbh, nkrttbh, tot
rrc_active_fail_due_to_integrity_check	nok_nkcel_rrcconact_tab.rost6blahl26seccb00hw01qk4	INT8	#	A number of RRC connection active failures caused by an integrity check failure	Sum, nkcttbh, nkrttbh, tot
rrc_active_fail_due_to_iu_int	nok_nkcel_rrcconact_tab.roopdc6ahl26seccb00hw01qk4	INT8	#	A number of RRC connection active failures caused by the IU interface. When for example, the signalling connection fails between the RNC and CN	Sum, nkcttbh, nkrttbh, tot
rrc_active_fail_due_to_radio_interface	nok_nkcel_rrcconact_tab.ropj24dahl26seccb00hw01qk4	INT8	#	A number of RRC connection active failures caused by a radio interface	Sum, nkcttbh, nkrttbh, tot
rrc_active_fail_due_to_rnc_inter_reasons	nok_nkcel_rrcconact_tab.rotlvblahl26seccb00hw01qk4	INT8	#	A number of RRC connection active failures caused by RNCs internal reasons (eg. Parameter mismatch, timer expiry)	Sum, nkcttbh, nkrttbh, tot
rrc_active_fail_due_to_the_iur_int	nok_nkcel_rrcconact_tab.ror2qkdahl26seccb00hw01qk4	INT8	#	A number of RRC connection active failures caused by the IUR interface. When for example, the SRNC relocation procedure fails because of the IUR	Sum, nkcttbh, nkrttbh, tot

This edition applies to IBM® Tivoli® Netcool® Performance Manager for Wireless and to all subsequent releases and modifications until otherwise indicated in new editions.

				interface.	
rrc_active_fail_due_to_ue	nok_nkcel_rrcconact_tab.roufkm2ahl26seccb00hw01qk4	INT8	#	The number of RRC active failures due to UE.	Sum, nkcttbh, nkrttbh, tot
rrc_active_rel_due_to_pre_emp	nok_nkcel_rrcconact_tab.ronvut2ahl26seccb00hw01qk4	INT8	#	A number of RRC connection active releases due to pre emption	Sum, nkcttbh, nkrttbh, tot
rrc_active_rel_due_to_srnc_reloc	nok_nkcel_rrcconact_tab.ron30txahl26seccb00hw01qk4	INT8	#	A number of RRC connection active releases due to SRNC relocation. Note this counters includes both SRNS relocations and inter RNC intra frequency hard handovers	Sum, nkcttbh, nkrttbh, tot
rrc_conn_act_rel_ganho	nok_nkcel_rrcconact_tab.xdrxaj4dmm2aicsd002uaxybdk	INTEGER	#	The number of RRC active releases due to inter-system handover to Generic Access Network (GAN).	Sum, nkcttbh, nkrttbh, tot
rrc_conn_act_rel_hho	nok_nkcel_rrcconact_tab.xdrxaj6dmm2aicsd002uaxybdk	INTEGER	#	The number of RRC active releases due to inter-frequency inter-RNC hard handover.	Sum, nkcttbh, nkrttbh, tot
rrc_conn_act_rel_intra_hho	nok_nkcel_rrcconact_tab.xdrxaj2dmm2aicsd002uaxybdk	INTEGER	#	The number of RRC active releases due to intra-frequency inter-RNC hard handover.	Sum, nkcttbh, nkrttbh, tot
rrc_conn_act_rel_isho	nok_nkcel_rrcconact_tab.xdrxajbdmm2aicsd002uaxybdk	INTEGER	#	The number of RRC active releases due to inter system handover to GSM.	Sum, nkcttbh, nkrttbh, tot

rrc_conn_active_rel_due_to_unspec_error_in_cn	nok_nkcel_rrcconact_tab.wliektlafq2ahdvuj02uauibev	INTEGER	#	The number of RRC connection active releases due to unspecified error received from CN.	Sum, nkcttbh, nkrttbh, tot
rrc_conn_rel_due_hw_res	nok_nkcel_rrcconact_tab.xdrxaibdmm2aicsd002uaxybdk	INTEGER	#	The number of RRC connection releases due to RNC HW resources. Also counter M1001C12 is updated along with this counter.	Sum, nkcttbh, nkrttbh, tot
rrc_conn_rel_due_inactivity	nok_nkcel_rrcconact_tab.xdrxai6dmm2aicsd002uaxybdk	INTEGER	#	The number of RRC connection releases due to user inactivity in Cell-PCH or URA-PCH state. Also counter M1001C12 is updated along with this counter.	Sum, nkcttbh, nkrttbh, tot
tot_rrc_active_fail	{rrc_active_rel_due_to_srnc_reloc}+ {rrc_active_rel_due_to_pre_emp}+ {rrc_active_fail_due_to_iu_int}+ {rrc_active_fail_due_to_radio_interface}+ {rrc_active_fail_due_to_bts_reasons}+ {rrc_active_fail_due_to_the_iur_int}+ {rrc_active_fail_due_to_ciph_fail}+ {rrc_active_fail_due_to_integrity_check}+ {rrc_active_fail_due_to_rn	INT8	#	Total RRC active failures of all causes	Sum, nkcttbh, nkrttbh, tot

	c_inter_reasons}+ {rrc_active_fail_due_to_ue }				

6.6.122Cell.Nokia.UMTS.rrc.connection_mobility_procedures

RRC - Connection mobility procedures statistics

KPI Name	Expression	Data Type	Units	Description	Aggregation
_ %_active_set_update_rl_del_success	100 * {active_set_update_rl_del_success}/ {active_set_update_rl_del_attempts}	FLOAT	%	The percentage of successfully deleted radio links with an active set update procedure.	Average, avg, nkcttbh, nkrttbh
active_set_update_rl_add_attempts	nok_nkcel_rrcconmobpr_tab.uaqad0l1im2ahsxr0035xkcuai	INTEGER	#	The number of attempted radio link additions with an active set update procedure.	Sum, nkcttbh, nkrttbh, tot
active_set_update_rl_add_fail_no_reply	nok_nkcel_rrcconmobpr_tab.uaqad0r1im2ahsxr0035xkcuai	INTEGER	#	The number of failed radio link additions with an active set update procedure due to the UE not responding to an RRC: ACTIVE SET UPDATE.	Sum, nkcttbh, nkrttbh, tot
active_set_update_rl_add_failure_ue	nok_nkcel_rrcconmobpr_tab.uaqad0p1im2ahsxr0035xkcuai	INTEGER	#	The number of failed radio link additions with an active set update procedure due to the UE responding with an RRC: ACTIVE SET UPDATE FAILURE.	Sum, nkcttbh, nkrttbh, tot
active_set_update_rl_add_success	nok_nkcel_rrcconmobpr_tab.uaqad0n1im2ahsxr0035xkcuai	INTEGER	#	The number of successfully added radio links with an active set update procedure.	Sum, nkcttbh, nkrttbh, tot

active_set_update_rl_del_attempts	nok_nkcel_rrcconmobpr_tab.uaqad0t1im2ahsxr0035xkcuai	INTEGER	#	The number of attempted radio link deletions with an active set update procedure.	Sum, nkcttbh, nkrttbh, tot
active_set_update_rl_del_success	nok_nkcel_rrcconmobpr_tab.uaqad0v1im2ahsxr0035xkcuai	INTEGER	#	The number of successfully deleted radio links with an active set update procedure.	Sum, nkcttbh, nkrttbh, tot
assistance_data_delivery_messages	nok_nkcel_rrcconmobpr_tab.x4iqmsxafq2ahdvuj02uauibev	INTEGER	#	The number of sent UE positioning related Assistance Data Delivery messages.	Sum, nkcttbh, nkrttbh, tot
cell_update_att_due_to_cell_resel	nok_nkcel_rrcconmobpr_tab.rowsapxahl26seccb00hw01qk4	INT8	#	A number of cell update attempts due to cell reselection.	Sum, nkcttbh, nkrttbh, tot
cell_update_att_due_to_data_transm	nok_nkcel_rrcconmobpr_tab.royfiaxahl26seccb00hw01qk4	INT8	#	A number of cell update attempts due to UL data transmission. If the cell update cause in the RRC,CELL_UPDATE message is UL data transmission then the RNCs RRC signalling entity forwards this information to RNCs PS and starts the cell update procedure.	Sum, nkcttbh, nkrttbh, tot
cell_update_att_due_to_paging_resp	nok_nkcel_rrcconmobpr_tab.rp05p4lahl26seccb00hw01qk4	INT8	#	A number of cell update attempts due to paging response.If the cell update cause	Sum, nkcttbh, nkrttbh, tot

				in the RRC CELL_UPDATE message is paging response, the RNCs RRC signalling entity updates the MS location information and if the reason for paging was DL data transmission while the MS was in URA_PCH state, this location information is forwarded to the RNCs PS.	
cell_update_att_due_to_per_update	nok_nkcel_rrcconmobpr_tab.roxm1cpahl26seccb00hw01qk4	INT8	#	A number of cell update attempts due to periodic update. If the cell update causes in the RRC CELL_UPDATE message is periodic cell update, the RNCs RRC signalling entity starts the cell update procedure.	Sum, nkcttbh, nkrttbh, tot
cell_update_att_due_to_radio_link_failure	nok_nkcel_rrcconmobpr_tab.rp1vxkxahl26seccb00hw01qk4	INT8	#	A number of cell update attempts due to a radio link failure.	Sum, nkcttbh, nkrttbh, tot
cell_update_att_due_to_re_entered_service_area	nok_nkcel_rrcconmobpr_tab.rp10646ahl26seccb00hw01qk4	INT8	#	A number of cell update attempts due to a re entered service area.	Sum, nkcttbh, nkrttbh, tot
cell_update_att_due_to_rlc_unrecoverable_error	nok_nkcel_rrcconmobpr_tab.rp2pcxxahl26seccb00hw01qk4	INT8	#	A number of cell update attempts due to an RLC unrecoverable error.	Sum, nkcttbh, nkrttbh, tot
denom_res_allo_tm_fach	nok_nkcel_rrcconmobpr_tab.xdrxashdmm2aicsd002ua	INTEGER	#	Denominator for M1006C184, used	Sum, nkcttbh,

	xybdk			for average calculation.	nkrttbh, tot
denom_res_allo_tm_rrc_setup	nok_nkcel_rrcconmobpr_tab.xdrxasddmm2aicsd002uaxybdk	INTEGER	#	Denominator for M1006C182, used for average calculation.	Sum, nkcttbh, nkrttbh, tot
denom_st_trans_time_dch_pch	nok_nkcel_rrcconmobpr_tab.xdrxas2dmm2aicsd002uaxybdk	INTEGER	#	Denominator for M1006C178 used for average calculation.	Sum, nkcttbh, nkrttbh, tot
denom_st_trans_time_fach_pch	nok_nkcel_rrcconmobpr_tab.xdrxas6dmm2aicsd002uaxybdk	INTEGER	#	Denominator for M1006C180 used for average calculation.	Sum, nkcttbh, nkrttbh, tot
ho_from_utran_com_fail	nok_nkcel_rrcconmobpr_tab.rpce10lahl26seccb00hw01qk4	INT8	#	Number of received handover from UTRAN Command Failures for Circuit Switched calls.	Sum, nkcttbh, nkrttbh, tot
ho_from_utran_com	nok_nkcel_rrcconmobpr_tab.rpbjokxahl26seccb00hw01qk4	INT8	#	Number of sent handover from UTRAN Commands for Circuit Switched calls.	Sum, nkcttbh, nkrttbh, tot
inter_rat_ho_from_utran_fail	nok_nkcel_rrcconmobpr_tab.rpap4mpahl26seccb00hw01qk4	INT8	#	Number of failed inter RAT handovers for Packet Switched calls.	Sum, nkcttbh, nkrttbh, tot
inter_rat_ho_from_utran	nok_nkcel_rrcconmobpr_tab.rp6urs6ahl26seccb00hw01qk4	INT8	#	Number of started (attempted) inter RAT handovers for Packet Switched calls.	Sum, nkcttbh, nkrttbh, tot
rrc_conn_mode_left_cell	nok_nkcel_rrcconmobpr_tab.rp3jtuxahl26seccb00hw01qk4	INT8	#	-Obsolete in RN2.1- A number of RRC connected mode UEs	Sum, nkcttbh, nkrttbh,

This edition applies to IBM® Tivoli® Netcool® Performance Manager for Wireless and to all subsequent releases and modifications until otherwise indicated in new editions.

				that have moved to another cell.	tot
rrc_connect_mode_ues_that_left_cell_thru_cell_or_ura_update_proc	nok_nkcel_rrcconmobpr_tab.rp605rxahl26seccb00hw01qk4	INT8	#	[rrc_connected_mode_ues_that_have_left_the_cell_through_cell_or_ura_update_procedure] - A number of RRC connected mode UEs in CELL_FACH, CELL_PCH, URA_PCH state that have left the cell due to CellURA update procedure. Full name (too long) is RRC_CONNECTED_MODE_UES_THAT_HAVE_LEFT_THE_CELL_THROUGH_CELL_OR_URA_UPDATE_PROCEDURE	Sum, nkcttbh, nkrttbh, tot
rrc_ho_to_utran_comp	nok_nkcel_rrcconmobpr_tab.rpd3uchahl26seccb00hw01qk4	INT8	#	Number of received RRC handover to UTRAN complete messages for Circuit Switched calls	Sum, nkcttbh, nkrttbh, tot
rrc_re_est_fail_noreply_mr	nok_nkcel_rrcconmobpr_tab.xdrxastdmm2aicsd002uaxybdk	INTEGER	#	The number of failed RRC connection re-establishments due to the UE not replying to an RRC: CELL UPDATE CONFIRM message sent by the RNC, for UEs with at least two RABs.	Sum, nkcttbh, nkrttbh, tot
rrc_re_est_fail_noreply_rt	nok_nkcel_rrcconmobpr_tab.xdrxasndmm2aicsd002uaxybdk	INTEGER	#	The number of failed RRC connection re-establishments due to the UE not replying to an RRC:	Sum, nkcttbh, nkrttbh, tot

				CELL UPDATE CONFIRM message sent by the RNC, for UEs with at least one RT RAB.	
rrc_re_est_fail_ue_mr	nok_nkcel_rrcconmobpr_tab.xdrxasrdmm2aicsd002uaxybdk	INTEGER	#	The number of failed RRC connection re-establishments due to the UE replying with an RRC: RADIO BEARER RECONFIGURATION FAILURE message, for UEs with at least two RABs.	Sum, nkcttbh, nkrttbh, tot
rrc_re_est_fail_ue_rt	nok_nkcel_rrcconmobpr_tab.xdrxasldmm2aicsd002uaxybdk	INTEGER	#	The number of failed RRC connection re-establishments due to the UE replying with an RRC: RADIO BEARER RECONFIGURATION FAILURE message, for UEs with at least one RT RAB.	Sum, nkcttbh, nkrttbh, tot
rrc_re_est_succ_mr	nok_nkcel_rrcconmobpr_tab.xdrxaspdmm2aicsd002uaxybdk	INTEGER	#	The number of successful RRC connection re-establishments for UEs with at least two RABs.	Sum, nkcttbh, nkrttbh, tot
rrc_re_est_succ_rt	nok_nkcel_rrcconmobpr_tab.xdrxasjdmm2aicsd002uaxybdk	INTEGER	#	The number of successful RRC connection re-establishments for UEs with at least one	Sum, nkcttbh, nkrttbh, tot

				RT RAB.	
sum_res_allo_time_fach	nok_nkcel_rrcconmobpr_tab.xdrxasfdmm2aicsd002uaxybdk	INTEGER	ms	Sum of HW and Radio resource allocation time between UL/DL capacity request or RT-RAB Assignment Request received and NBAP: RADIO LINK SETUP sent to NodeB. This counter, divided by the denominator, provides the average resource allocation time.	Sum, nkcttbh, nkrttbh, tot
sum_res_allo_time_rrc_setup	nok_nkcel_rrcconmobpr_tab.xdrxasbdmm2aicsd002uaxybdk	INTEGER	ms	Sum of HW, Transmission and Radio resource allocation time in the RRC Connection Establishment procedure, defined as the time between RRC: RRC CONNECTION REQUEST received by RNC and RRC:RRC CONNECTION SETUP sent to UE. This counter, divided by the denominator, provides the average resource allocation time.	Sum, nkcttbh, nkrttbh, tot
sum_st_trans_time_fach_pch	nok_nkcel_rrcconmobpr_tab.xdrxas4dmm2aicsd002uaxybdk	INTEGER	ms	Sum of state transition times from Cell-FACH state to Cell-PCH or URA-PCH state, defined as the time between:	Sum, nkcttbh, nkrttbh, tot

				When RNC decides to initiate Cell_FACH to Cell_PCH transition - RRC: Physical Channel Reconfiguration Complete. This counter, divided by the denominator, provides the average state transition time.	
ura_update_att_due_to_change_of_ura	nok_nkcel_rrcconmobpr_tab.rp4ecrlahl26seccb00hw01qk4	INT8	#	A number of cell update attempts due to a change of URA (URA reselection).	Sum, nkcttbh, nkrttbh, tot
ura_update_att_due_to_per_update	nok_nkcel_rrcconmobpr_tab.rp555kdahl26seccb00hw01qk4	INT8	#	A number of URA update attempts due to periodic update.	Sum, nkcttbh, nkrttbh, tot

6.6.123Cell.Nokia.UMTS.rrc.connection_setup

RRC - Connection setup statistics

KPI Name	Expression	Data Type	Units	Description	Aggregation
_%_rrc_connections_success_rate	100 * {rrc_setup_compl}/{rrc_setup_att}	FLOAT	%	Percentage of Radio Resource Control (RRC) connection setups completed	Average, avg, nkcttbh, nkrttbh
_%_rrc_setup_fail	100 * ({rrc_setup_att}-{rrc_setup_compl})/{rrc_setup_att}	FLOAT	%	Percentage of Radio Resource Control (RRC) connection setups failed.	Average, avg, nkcttbh, nkrttbh
access_stratum_release_indicator_relea	nok_nkcel_rrcconstp_tab.uaqacub1im2ahsxr0035xkcu	INTEGER	#	The number of RRC connection	Sum, nkcttbh,

se_6	ai			establishments by UEs with access stratum release indicator release 6.	nkrttbh, tot
rrc_conn_setup_completed_after_directed	nok_nkcel_rrcconstp_tab.rpnfit6ahl26seccb00hw01qk4	INT8	#	The RRC connection setup is completed after directed to the cell. This counter is updated to that cell to which the RRC connection is directed.	Sum, nkcttbh, nkrttbh, tot
rrc_conn_setup_completed_and_directed	nok_nkcel_rrcconstp_tab.rpoa2c6ahl26seccb00hw01qk4	INT8	#	RRC Connection setup completed and directed to another cell. This counter is updated for the cell where the RRC CONNECTION REQUEST was received.	Sum, nkcttbh, nkrttbh, tot
rrc_conn_setup_fail_due_to_icsu_overload	nok_nkcel_rrcconstp_tab.uaqacuf1im2ahsxr0035xkcuai	INTEGER	#	The number of RRC setup failures caused by ICSU overload.	Sum, nkcttbh, nkrttbh, tot
rrc_conn_setup_fail_due_to_rnti_allo_fail	nok_nkcel_rrcconstp_tab.rpmk6vhahl26seccb00hw01qk4	INT8	#	Number of RRC setup failures caused by RNTI allocation failure.	Sum, nkcttbh, nkrttbh, tot
rrc_connection_setup_attempt_repeats	nok_nkcel_rrcconstp_tab.rplobrlahl26seccb00hw01qk4	INT8	#	The number of RRC connection request retransmissions (successfully received by the RNC) from the same UE if the RRC connection request is rejected due to an unsuccessful	Sum, nkcttbh, nkrttbh, tot

				resource reservation attempt in RNC. This counter is used for gathering information on RRC connection request retransmissions eventually leading to the successful RRC connection establishment (i.e. the retransmissions were not caused by a failure in the Uu).	
rrc_setup_att_repeat_call_re_establishment	nok_nkcel_rrcconstp_tab.rq4oa1dahl26seccb00hw01qk4	INT8	#	The number of RRC connection request retransmissions (successfully received by the RNC) with the cause call re-establishment from the same UE if the RRC connection request is rejected due to an unsuccessful resource reservation attempt in RNC.	Sum, nkcttbh, nkrttbh, tot
rrc_setup_att_repeat_detach	nok_nkcel_rrcconstp_tab.rq25uklahl26seccb00hw01qk4	INT8	#	The number of RRC connection request retransmissions (successfully received by the RNC) with the cause detach from the same UE if the	Sum, nkcttbh, nkrttbh, tot

				RRC connection request is rejected due to an unsuccessful resource reservation attempt in RNC.	
rrc_setup_att_repeat_emergency_call	nok_nkcel_rrcconstp_tab.rpxsmuhahl26seccb00hw01qk4	INT8	#	The number of RRC connection request retransmissions (successfully received by the RNC) with the cause emergency call from the same UE if the RRC connection request is rejected due to an unsuccessful resource reservation attempt in RNC.	Sum, nkcttbh, nkrttbh, tot
rrc_setup_att_repeat_inter_rat_cell_change_order	nok_nkcel_rrcconstp_tab.rq0i31lahl26seccb00hw01qk4	INT8	#	The number of RRC connection request retransmissions (successfully received by the RNC) with the cause inter-RAT cell change order from the same UE if the RRC connection request is rejected due to an unsuccessful resource reservation attempt in RNC.	Sum, nkcttbh, nkrttbh, tot
rrc_setup_att_repeat_inter_rat_cell_resel	nok_nkcel_rrcconstp_tab.rpynjy2ahl26seccb00hw01qk4	INT8	#	The number of RRC connection request retransmissions (successfully received by the RNC) with the	Sum, nkcttbh, nkrttbh, tot

				cause inter-RAT cell reselection from the same UE if the RRC connection request is rejected due to an unsuccessful resource reservation attempt in RNC.	
rrc_setup_att_repeat_mo_background_call	nok_nkcel_rrcconstp_tab.rpssu0tahl26seccb00hw01qk4	INT8	#	The number of RRC connection request retransmissions (successfully received by the RNC) with the cause originating background call from the same UE if the RRC connection request is rejected due to an unsuccessful resource reservation attempt in RNC.	Sum, nkcttbh, nkrttbh, tot
rrc_setup_att_repeat_mo_conversational_call	nok_nkcel_rrcconstp_tab.rppwluhahl26seccb00hw01qk4	INT8	#	The number of RRC connection request retransmissions (successfully received by the RNC) with the cause originating conversational call from the same UE if the RRC connection request is rejected due to an unsuccessful resource reservation	Sum, nkcttbh, nkrttbh, tot

				attempt in RNC.	
rrc_setup_att_repeat_mo_high_priority_signalling	nok_nkcel_rrcconstp_tab.rq30qxpahl26seccb00hw01qk4	INT8	#	The number of RRC connection request retransmissions (successfully received by the RNC) with the cause originating high priority signalling from the same UE if the RRC connection request is rejected due to an unsuccessful resource reservation attempt in RNC.	Sum, nkcttbh, nkrttbh, tot
rrc_setup_att_repeat_mo_interactive_call	nok_nkcel_rrcconstp_tab.rprwtfdahl26seccb00hw01qk4	INT8	#	The number of RRC connection request retransmissions (successfully received by the RNC) with the cause originating interactive call from the same UE if the RRC connection request is rejected due to an unsuccessful resource reservation attempt in RNC.	Sum, nkcttbh, nkrttbh, tot
rrc_setup_att_repeat_mo_low_priority_signalling	nok_nkcel_rrcconstp_tab.rq3tp66ahl26seccb00hw01qk4	INT8	#	The number of RRC connection request retransmissions (successfully received by the RNC) with the cause originating low priority signalling from the	Sum, nkcttbh, nkrttbh, tot

				same UE if the RRC connection request is rejected due to an unsuccessful resource reservation attempt in RNC.	
rrc_setup_att_repeat_mo_streaming_call	nok_nkcel_rrcconstp_tab.rpqsq0hahl26seccb00hw01qk4	INT8	#	The number of RRC connection request retransmissions (successfully received by the RNC) with the cause originating streaming call from the same UE if the RRC connection request is rejected due to an unsuccessful resource reservation attempt in RNC.	Sum, nkcttbh, nkrttbh, tot
rrc_setup_att_repeat_mo_subscribed_traffic_call	nok_nkcel_rrcconstp_tab.rptp5s2ahl26seccb00hw01qk4	INT8	#	The number of RRC connection request retransmissions (successfully received by the RNC) with the cause originating subscribed traffic call from the same UE if the RRC connection request is rejected due to an unsuccessful resource reservation attempt in RNC.	Sum, nkcttbh, nkrttbh, tot

This edition applies to IBM® Tivoli® Netcool® Performance Manager for Wireless and to all subsequent releases and modifications until otherwise indicated in new editions.

rrc_setup_att_repeat_mt_background_call	nok_nkcel_rrcconstp_tab.rpx1dp2ahl26seccb00hw01qk4	INT8	#	The number of RRC connection request retransmissions (successfully received by the RNC) with the cause terminating background call from the same UE if the RRC connection request is rejected due to an unsuccessful resource reservation attempt in RNC.	Sum, nkcttbh, nkrttbh, tot
rrc_setup_att_repeat_mt_cause_unknown	nok_nkcel_rrcconstp_tab.rqa6g4pahl26seccb00hw01qk4	INT8	#	The number of RRC connection request retransmissions (successfully received by the RNC) with the cause terminating - cause unknown from the same UE if the RRC connection request is rejected due to an unsuccessful resource reservation attempt in RNC.	Sum, nkcttbh, nkrttbh, tot
rrc_setup_att_repeat_mt_conversational_call	nok_nkcel_rrcconstp_tab.rpulqdtahl26seccb00hw01qk4	INT8	#	The number of RRC connection request retransmissions (successfully received by the RNC) with the cause terminating conversational call from the same UE if the RRC connection request is rejected due to an	Sum, nkcttbh, nkrttbh, tot

				unsuccessful resource reservation attempt in RNC.	
rrc_setup_att_repeat_mt_high_priority_signalling	nok_nkcel_rrcconstp_tab.rq5ivr2ahl26seccb00hw01qk4	INT8	#	The number of RRC connection request retransmissions (successfully received by the RNC) with the cause terminating high priority signalling from the same UE if the RRC connection request is rejected due to an unsuccessful resource reservation attempt in RNC.	Sum, nkcttbh, nkrttbh, tot
rrc_setup_att_repeat_mt_interactive_call	nok_nkcel_rrcconstp_tab.rpwaan6ahl26seccb00hw01qk4	INT8	#	The number of RRC connection request retransmissions (successfully received by the RNC) with the cause terminating interactive call from the same UE if the RRC connection request is rejected due to an unsuccessful resource reservation attempt in RNC.	Sum, nkcttbh, nkrttbh, tot
rrc_setup_att_repeat_mt_low_priority_signalling	nok_nkcel_rrcconstp_tab.rq6djn2ahl26seccb00hw01qk4	INT8	#	The number of RRC connection request	Sum, nkcttbh, nkrttbh,

				retransmissions (successfully received by the RNC) with the cause terminating low priority signalling from the same UE if the RRC connection request is rejected due to an unsuccessful resource reservation attempt in RNC.	tot
rrc_setup_att_repeat_mt_streaming_call	nok_nkcel_rrcconstp_tab.rpvgnv6ahl26seccb00hw01qk4	INT8	#	The number of RRC connection request retransmissions (successfully received by the RNC) with the cause terminating streaming call from the same UE if the RRC connection request is rejected due to an unsuccessful resource reservation attempt in RNC.	Sum, nkcttbh, nkrttbh, tot
rrc_setup_att_repeat_registration	nok_nkcel_rrcconstp_tab.rq1cj5dahl26seccb00hw01qk4	INT8	#	The number of RRC connection request retransmissions (successfully received by the RNC) with the cause registration from the same UE if the RRC connection request is rejected due to an unsuccessful resource reservation attempt in RNC.	Sum, nkcttbh, nkrttbh, tot

rrc_setup_att	nok_nkcel_rrcconstp_tab.rpdvh2xahl26seccb00hw01qk4	INT8	#	A number of RRC connection setup attempts	Sum, nkcttbh, nkrttbh, tot
rrc_setup_compl	nok_nkcel_rrcconstp_tab.rpeoc5hahl26seccb00hw01qk4	INT8	#	A number of RRC connection setups completed	Sum, nkcttbh, nkrttbh, tot
rrc_setup_fail_due_to_ac	nok_nkcel_rrcconstp_tab.rpgcxshahl26seccb00hw01qk4	INT8	#	A number of RRC connection setup failures caused by AC	Sum, nkcttbh, nkrttbh, tot
rrc_setup_fail_due_to_bts_reasons	nok_nkcel_rrcconstp_tab.rph4e2dahl26seccb00hw01qk4	INT8	#	A number of RRC connection setup failures caused by a BTS. When the BTS rejects an initial RL setup	Sum, nkcttbh, nkrttbh, tot
rrc_setup_fail_due_to_frozen_bts	nok_nkcel_rrcconstp_tab.rpjpd3tahl26seccb00hw01qk4	INT8	#	A number of RRC connection setup failures caused by a frozen BTS. Frozen BTS means that currently no new RRC connections are allowed	Sum, nkcttbh, nkrttbh, tot
rrc_setup_fail_due_to_hc	nok_nkcel_rrcconstp_tab.rpfjcl2ahl26seccb00hw01qk4	INT8	#	A number of RRC connection setup failures caused by HC	Sum, nkcttbh, nkrttbh, tot
rrc_setup_fail_due_to_iub_aal2_trans	nok_nkcel_rrcconstp_tab.rpp2bctahl26seccb00hw01qk4	INT8	#	The number of RRC setup failures caused by Iub AAL2 transport resource shortage.	Sum, nkcttbh, nkrttbh, tot
rrc_setup_fail_due_	nok_nkcel_rrcconstp_tab.r	INT8	#	A number of RRC	Sum,

to_rnc_inter_reasons	pisem2ahl26seccb00hw01qk4			connection setup failures caused by RNCs internal reasons (eg. Parameter mismatch, timer expiry)	nkcttbh, nkrttbh, tot
rrc_setup_fail_due_to_trans	nok_nkcel_rrcconstp_tab.rphwqvdahl26seccb00hw01qk4	INT8	#	A number of RRC connection setup failures caused by a transmission	Sum, nkcttbh, nkrttbh, tot
rrc_setup_reject_due_to_emergency_call_redirection	nok_nkcel_rrcconstp_tab.uaqacud1im2ahsxr0035xkcuai	INTEGER	#	The number of RRC connections rejected due to emergency call redirection.	Sum, nkcttbh, nkrttbh, tot
succ_rrc_setup_backg	nok_nkcel_rrcconstp_tab.xdrxaijdmm2aicsd002uaxybdk	INTEGER	#	The number of successful RRC connection setups for a background call. Both originating and terminating background calls are included. RRC connections established via SRNC relocation, Inter-RNC HHO or CS Inter-System handover are not included.	Sum, nkcttbh, nkrttbh, tot
succ_rrc_setup_conv	nok_nkcel_rrcconstp_tab.xdrxaiddmm2aicsd002uaxybdk	INTEGER	#	The number of successful RRC connection setups for a conversational call. Both originating and terminating conversational calls are included. RRC connections established via	Sum, nkcttbh, nkrttbh, tot

				SRNC relocation, Inter-RNC HHO or CS Inter-System handover are not included.	
succ_rrc_setup_intera	nok_nkcel_rrcconstp_tab.xdrxaihdmm2aicsd002uaxybdk	INTEGER	#	The number of successful RRC connection setups for a interactive call. Both originating and terminating interactive calls are included. RRC connections established via SRNC relocation, Inter-RNC HHO or CS Inter-System handover are not included.	Sum, nkcttbh, nkrttbh, tot
succ_rrc_setup_other	nok_nkcel_rrcconstp_tab.xdrxaildmm2aicsd002uaxybdk	INTEGER	#	The number of successful RRC connection setups with establishment cause other than those covered by counters M1001C630-M1001C633. RRC connections established via SRNC relocation, Inter-RNC HHO or CS Inter-System handover are not included.	Sum, nkcttbh, nkrttbh, tot
succ_rrc_setup_strea	nok_nkcel_rrcconstp_tab.xdrxaifdmm2aicsd002uaxyb	INTEGER	#	The number of successful RRC	Sum, nkcttbh,

	dk			connection setups for a streaming call. Both originating and terminating streaming calls are included. RRC connections established via SRNC relocation, Inter-RNC HHO or CS Inter-System handover are not included.	nkrttbh, tot
tot_rrc_setup_fail	{rrc_setup_att}-{rrc_setup_compl}	INT8	#	A number of RRC connection setup failures. Theoretically a should be the total of all the failure cause types	Sum, nkcttbh, nkrttbh, tot
ue_support_for_edch_category_1	nok_nkcel_rrcconstp_tab.uaqactv1im2ahsxr0035xkcuai	INTEGER	#	The number of RRC connection establishments by UEs supporting E-DCH category 1 defined in 3GPP TS 25.306.	Sum, nkcttbh, nkrttbh, tot
ue_support_for_edch_category_2	nok_nkcel_rrcconstp_tab.uaqactx1im2ahsxr0035xkcuai	INTEGER	#	The number of RRC connection establishments by UEs supporting E-DCH category 2 defined in 3GPP TS 25.306.	Sum, nkcttbh, nkrttbh, tot
ue_support_for_edch_category_3	nok_nkcel_rrcconstp_tab.uaqacu01im2ahsxr0035xkcuai	INTEGER	#	The number of RRC connection establishments by UEs supporting E-DCH category 3 defined in 3GPP TS 25.306.	Sum, nkcttbh, nkrttbh, tot
ue_support_for_edch_category_4	nok_nkcel_rrcconstp_tab.uaqacu21im2ahsxr0035xkcu	INTEGER	#	The number of RRC connection	Sum, nkcttbh,

	ai			establishments by UEs supporting E-DCH category 4 defined in 3GPP TS 25.306.	nkrttbh, tot
ue_support_for_edch_category_5	nok_nkcel_rrcconstp_tab.uaqacu41im2ahsxr0035xkcuai	INTEGER	#	The number of RRC connection establishments by UEs supporting E-DCH category 5 defined in 3GPP TS 25.306.	Sum, nkcttbh, nkrttbh, tot
ue_support_for_edch_category_6	nok_nkcel_rrcconstp_tab.uaqacu61im2ahsxr0035xkcuai	INTEGER	#	The number of RRC connection establishments by UEs supporting E-DCH category 6 defined in 3GPP TS 25.306.	Sum, nkcttbh, nkrttbh, tot
ue_support_ganho	nok_nkcel_rrcconstp_tab.xdrxaj0dmm2aicsd002uaxybdk	INTEGER	#	The number of RRC connection establishments by UEs that support handover to Generic Access Network (GAN).	Sum, nkcttbh, nkrttbh, tot

6.6.124Cell.Nokia.UMTS.rrc.connections

RRC connection measurements

KPI Name	Expression	Data Type	Units	Description	Aggregation
rrc_connection_enters_new_ref_cell	nok_rrc_conns_tab.wric6wnafq2ahdvuj02uauibev	INTEGER	#	The number of RRC Connections that enter a new reference cell.	Sum, nkcttbh, nkrttbh, tot

This edition applies to IBM® Tivoli® Netcool® Performance Manager for Wireless and to all subsequent releases and modifications until otherwise indicated in new editions.

rrc_connection_leaves_old_ref_cell	nok_rrc_conns_tab.wric6vbafq2ahdvuj02uauibev	INTEGER	#	The number of RRC Connections that have left from the old reference cell.	Sum, nkcttbh, nkrttbh, tot

6.6.125Cell.Nokia.UMTS.rrc.establishment_per_ue_capability

RRC - Connection establishments per UE statistics

KPI Name	Expression	Data Type	Units	Description	Aggregation
access_stratum_release_indicator_release_4	nok_nkcel_rrcespucap_tab.rqejcgtahl26seccb00hw01qk4	INT8	#	The number of RRC connection establishments by UEs with access stratum release indicator release 4.	Sum, nkcttbh, nkrttbh, tot
access_stratum_release_indicator_release_5	nok_nkcel_rrcespucap_tab.rqlv6x6ahl26seccb00hw01qk4	INT8	#	The number of RRC connection establishments by UEs with access stratum release indicator release 5.	Sum, nkcttbh, nkrttbh, tot
access_stratum_release_indicator_release_99	nok_nkcel_rrcespucap_tab.rqfe1v2ahl26seccb00hw01qk4	INT8	#	The number of RRC connection establishments by UEs with access stratum release indicator release 99.	Sum, nkcttbh, nkrttbh, tot
ue_rxtx_time_difference_positioning_capability_type_2	nok_nkcel_rrcespucap_tab.rqhumkpahl26seccb00hw01qk4	INT8	#	The number of RRC connection establishments by UEs that support RX-TX time difference positioning capability type 2.	Sum, nkcttbh, nkrttbh, tot
ue_support_for_gsm	nok_nkcel_rrcespucap_tab.rqg5xqlahl26seccb00hw01qk4	INT8	#	The number of RRC connection establishments by UEs that support	Sum, nkcttbh, nkrttbh, tot

				GSM.	
ue_support_for_hsdsch_class_1_to_6	nok_nkcel_rrcespucap_tab.rqinvftahl26seccb00hw01qk4	INT8	#	The number of RRC connection establishments by UEs supporting HS-DSCH classes 1, 2, 3, 4, 5 or 6. The classes are defined in 3GPP TS 25.133.	Sum, nkcttbh, nkrttbh, tot
ue_support_for_hsdsch_class_11_or_12	nok_nkcel_rrcespucap_tab.rql33cdahl26seccb00hw01qk4	INT8	#	The number of RRC connection establishments by UEs supporting HS-DSCH classes 11 or 12. The classes are defined in 3GPP TS 25.133.	Sum, nkcttbh, nkrttbh, tot
ue_support_for_hsdsch_class_7_or_8	nok_nkcel_rrcespucap_tab.rqji5x6ahl26seccb00hw01qk4	INT8	#	The number of RRC connection establishments by UEs supporting HS-DSCH classes 7 or 8. The classes are defined in 3GPP TS 25.133.	Sum, nkcttbh, nkrttbh, tot
ue_support_for_hsdsch_class_9_or_10	nok_nkcel_rrcespucap_tab.rqkc01tahl26seccb00hw01qk4	INT8	#	The number of RRC connection establishments by UEs supporting HS-DSCH classes 9 or 10. The classes are defined in 3GPP TS 25.133.	Sum, nkcttbh, nkrttbh, tot
ue_support_for_iphc	nok_nkcel_rrcespucap_tab.rqcs1c6ahl26seccb00hw01qk4	INT8	#	The number RRC connection establishments by UEs that support	Sum, nkcttbh, nkrttbh, tot

				RFC2507 IP header compression.	
ue_support_for_multi_carrier_cdma	nok_nkcel_rrcespucap_tab.rqh0x0lahl26seccb00hw01qk4	INT8	#	The number of RRC connection establishments by UEs that support multi-carrier CDMA.	Sum, nkcttbh, nkrttbh, tot
ue_support_for_rohc	nok_nkcel_rrcespucap_tab.rqdn5ipahl26seccb00hw01qk4	INT8	#	- Obsolete in RN2.2 - The number RRC connection establishments by UEs that support RFC3095 (ROHC) IP header compression.	Sum, nkcttbh, nkrttbh, tot
ue_support_nw_ag_ps	nok_nkcel_rrcespucap_tab.wrica24afq2ahdvuj02uauibev	INTEGER	#	The number of RRC connection establishments by UEs that support network assisted GPS.	Sum, nkcttbh, nkrttbh, tot

6.6.126Cell.Nokia.UMTS.rrc.radio_bearer_setup

Radio bearer setup statistics

KPI Name	Expression	Data Type	Units	Description	Aggregation
att_rb_setup_hsdpa	nok_nkcel_rrcradbeaset_tab.xdrxaq6dmm2aicsd002uaxybdk	INTEGER	#	The number of attempted Radio Bearer setups for HSDPA.	Sum, nkcttbh, nkrttbh, tot
fail_rb_setup_hsdpa_noreply	nok_nkcel_rrcradbeaset_tab.xdrxasvdmm2aicsd002uaxybdk	INTEGER	#	The number of failed Radio Bearer setups for HSDPA due to UE not responding.	Sum, nkcttbh, nkrttbh, tot
fail_rb_setup_hsdpa_ue	nok_nkcel_rrcradbeaset_tab.xdrxasxdmm2aicsd002uaxybdk	INTEGER	#	The number of failed Radio Bearer setups for HSDPA due to UE	Sum, nkcttbh, nkrttbh, tot

				responding with a failure message.	
succ_rb_setup_hsdpa	nok_nkcel_rrcradbeaset_tab.xdrxaqbdmm2aicsd002uaxybdk	INTEGER	#	The number of successful Radio Bearer setups for HSDPA.	Sum, nkcttbh, nkrttbh, tot

6.6.127Cell.Nokia.UMTS.rrc.setup_causes_call_reestablish

RRC - Connection setup cause:call re-establishments statistics

KPI Name	Expression	Data Type	Units	Description	Aggregation
call_re_estab_attempts	nok_nkcel_rrcstcaclrest_tab.rqmnn16ahl26seccb00hw01qk4	INT8	#	A number of call re establishment attempts	Sum, nkcttbh, nkrttbh, tot
call_re_estab_failures	nok_nkcel_rrcstcaclrest_tab.rqnjhfhahl26seccb00hw01qk4	INT8	#	A number of call re establishment attempt failures	Sum, nkcttbh, nkrttbh, tot

6.6.128Cell.Nokia.UMTS.rrc.setup_causes_detach

RRC - Connection setup cause:call detachments statistics

KPI Name	Expression	Data Type	Units	Description	Aggregation
detach_attempts	nok_nkcel_rrcstcacldtch_tab.rqoel4lahl26seccb00hw01qk4	INT8	#	A number of detach attempts	Sum, nkcttbh, nkrttbh, tot
detach_failures	nok_nkcel_rrcstcacldtch_tab.rqp5rkxahl26seccb00hw01qk4	INT8	#	A number of detach attempt failures	Sum, nkcttbh, nkrttbh, tot

6.6.129Cell.Nokia.UMTS.rrc.setup_causes_emergency

RRC - Connection setup cause:emergency calls statistics

KPI Name	Expression	Data Type	Units	Description	Aggregation
emergency_call_attempts	nok_nkcel_rrcstcaclemg_tab.rqq0546ahl26seccb00hw01qk4	INT8	#	A number of emergency call attempts	Sum, nkcttbh, nkrttbh, tot
emergency_call_failures	nok_nkcel_rrcstcaclemg_tab.rqqturdahl26seccb00hw01qk4	INT8	#	A number of emergency call attempt failures	Sum, nkcttbh, nkrttbh, tot

6.6.130Cell.Nokia.UMTS.rrc.setup_causes_high_priority_sig

RRC - Connection setup cause:high priority signalling statistics

KPI Name	Expression	Data Type	Units	Description	Aggregation
mobile_originating_high_priority_signalling_attempts	nok_nkcel_rrcstcaclhisg_tab.rqrpqsdahl26seccb00hw01qk4	INT8	#	A number of mobile originating high priority signalling attempts	Sum, nkcttbh, nkrttbh, tot
mobile_originating_high_priority_signalling_failures	nok_nkcel_rrcstcaclhisg_tab.rqskytxahl26seccb00hw01qk4	INT8	#	A number of mobile originating high priority signalling attempt failures	Sum, nkcttbh, nkrttbh, tot
mobile_terminating_high_priority_signalling_attempts	nok_nkcel_rrcstcaclhisg_tab.rqtgrfpahl26seccb00hw01qk4	INT8	#	A number of mobile terminating high priority signalling attempts	Sum, nkcttbh, nkrttbh, tot
mobile_terminating_high_priority_signalling_failures	nok_nkcel_rrcstcaclhisg_tab.rqubx2pahl26seccb00hw01qk4	INT8	#	A number of mobile terminating high priority signalling attempt failures	Sum, nkcttbh, nkrttbh, tot

6.6.131Cell.Nokia.UMTS.rrc.setup_causes_intr_rat

RRC - Connection setup cause: intra RAT related statistics

KPI Name	Expression	Data Type	Units	Description	Aggregation
intr_rat_cell_chng_ord_attempts	nok_nkcel_rrcstcaclirt_tab.rqwtyn6ahl26seccb00hw01qk4	INT8	#	A number of intr_rat_cell_chng_ord attempts	Sum, nkcttbh, nkrttbh, tot
intr_rat_cell_chng_ord_failures	nok_nkcel_rrcstcaclirt_tab.rqxpgihahl26seccb00hw01qk4	INT8	#	A number of intr_rat_cell_chng_ord failures	Sum, nkcttbh, nkrttbh, tot
intr_rat_cell_re_select_attempts	nok_nkcel_rrcstcaclirt_tab.rqv3oppahl26seccb00hw01qk4	INT8	#	A number of intr_rat_cell_re_select attempts	Sum, nkcttbh, nkrttbh, tot
intr_rat_cell_re_select_failures	nok_nkcel_rrcstcaclirt_tab.rqvx5udahl26seccb00hw01qk4	INT8	#	A number of intr_rat_cell_re_select failures	Sum, nkcttbh, nkrttbh, tot

6.6.132Cell.Nokia.UMTS.rrc.setup_causes_intrregistration

RRC - Connection setup cause:registration request statistics

KPI Name	Expression	Data Type	Units	Description	Aggregation
registration_attempts	nok_nkcel_rrcstcaclinrg_tab.rqykn2tahl26seccb00hw01qk4	INT8	#	A number of registration attempts	Sum, nkcttbh, nkrttbh, tot
registration_failures	nok_nkcel_rrcstcaclinrg_tab.rr0f11lahl26seccb00hw01qk4	INT8	#	A number of registration failures	Sum, nkcttbh, nkrttbh, tot

6.6.133Cell.Nokia.UMTS.rrc.setup_causes_low_priority_sig

RRC - Connection setup cause:low priority signalling statistics

KPI Name	Expression	Data Type	Units	Description	Aggregation
mobile_originating_low_priority_signalling_attempts	nok_nkcel_rrcstcacllow_tab.rr1aeh6ahl26seccb00hw01qk4	INT8	#	A number of mobile originating low priority signalling attempts	Sum, nkcttbh, nkrttbh, tot
mobile_originating_low_priority_signalling_failures	nok_nkcel_rrcstcacllow_tab.rr25tkxahl26seccb00hw01qk4	INT8	#	A number of mobile originating low priority signalling attempt failures	Sum, nkcttbh, nkrttbh, tot
mobile_terminating_low_priority_signalling_attempts	nok_nkcel_rrcstcacllow_tab.rr31olhahl26seccb00hw01qk4	INT8	#	A number of mobile terminating low priority signalling attempts	Sum, nkcttbh, nkrttbh, tot
mobile_terminating_low_priority_signalling_failures	nok_nkcel_rrcstcacllow_tab.rr3ukphahl26seccb00hw01qk4	INT8	#	A number of mobile terminating low priority signalling attempt failures	Sum, nkcttbh, nkrttbh, tot

6.6.134Cell.Nokia.UMTS.rrc.setup_causes_mobile_orig

RRC - Connection setup cause:mobile originating statistics

KPI Name	Expression	Data Type	Units	Description	Aggregation
mobile_originating_background_call_attempts	nok_nkcel_rrcstcaclmobo_tab.rrcr0udahl26seccb00hw01qk4	INT8	#	A number of mobile originating background call attempts	Sum, nkcttbh, nkrttbh, tot
mobile_originating_background_call_failures	nok_nkcel_rrcstcaclmobo_tab.rrdm14tahl26seccb00hw01qk4	INT8	#	A number of mobile originating background call attempt failures	Sum, nkcttbh, nkrttbh, tot
mobile_originating_conversational_call_attempts	nok_nkcel_rrcstcaclmobo_tab.rr4pkipahl26seccb00hw01qk4	INT8	#	A number of mobile originating conversational call attempts	Sum, nkcttbh, nkrttbh, tot
mobile_originating_conversational_call	nok_nkcel_rrcstcaclmobo_tab.rr5jmitahl26seccb00hw0	INT8	#	A number of mobile originating	Sum, nkcttbh,

_failures	1qk4			conversational call attempt failures	nkrttbh, tot
mobile_originating_interactive_call_attempts	nok_nkcel_rrcstcaclmobo_tab.rrb1rq2ahl26seccb00hw01qk4	INT8	#	A number of mobile originating interactive call attempts	Sum, nkcttbh, nkrttbh, tot
mobile_originating_interactive_call_failures	nok_nkcel_rrcstcaclmobo_tab.rrbw3qpahl26seccb00hw01qk4	INT8	#	A number of mobile originating interactive call attempt failures	Sum, nkcttbh, nkrttbh, tot
mobile_originating_streaming_call_attempts	nok_nkcel_rrcstcaclmobo_tab.rr6goohahl26seccb00hw01qk4	INT8	#	A number of mobile originating streaming call attempts	Sum, nkcttbh, nkrttbh, tot
mobile_originating_streaming_call_failures	nok_nkcel_rrcstcaclmobo_tab.rrabjh2ahl26seccb00hw01qk4	INT8	#	A number of mobile originating streaming call attempt failures	Sum, nkcttbh, nkrttbh, tot
mobile_originating_subscribed_traffic_call_attempts	nok_nkcel_rrcstcaclmobo_tab.rregk1dahl26seccb00hw01qk4	INT8	#	A number of mobile originating subscribed traffic call attempts	Sum, nkcttbh, nkrttbh, tot
mobile_originating_subscribed_traffic_call_failures	nok_nkcel_rrcstcaclmobo_tab.rrfagghahl26seccb00hw01qk4	INT8	#	A number of mobile originating subscribed traffic call attempt failures	Sum, nkcttbh, nkrttbh, tot

6.6.135Cell.Nokia.UMTS.rrc.setup_causes_mobile_term

RRC - Connection setup cause:mobile terminating statistics

KPI Name	Expression	Data Type	Units	Description	Aggregation
mobile_terminating_background_call_attempts	nok_nkcel_rrcstcaclmobt_tab.rrl0o4xahl26seccb00hw01qk4	INT8	#	A number of mobile terminating background call	Sum, nkcttbh, nkrttbh,

				attempts	tot
mobile_terminating_background_call_failures	nok_nkcel_rrcstcaclmobt_tab.rrlvw0pahl26seccb00hw01qk4	INT8	#	A number of mobile terminating background call attempt failures	Sum, nkcttbh, nkrttbh, tot
mobile_terminating_conversational_call_attempts	nok_nkcel_rrcstcaclmobt_tab.rrg1wv2ahl26seccb00hw01qk4	INT8	#	A number of mobile terminating conversational call attempts	Sum, nkcttbh, nkrttbh, tot
mobile_terminating_conversational_call_failures	nok_nkcel_rrcstcaclmobt_tab.rrgw6xtahl26seccb00hw01qk4	INT8	#	A number of mobile terminating conversational call attempt failures	Sum, nkcttbh, nkrttbh, tot
mobile_terminating_interactive_call_attempts	nok_nkcel_rrcstcaclmobt_tab.rrjfkp6ahl26seccb00hw01qk4	INT8	#	A number of mobile terminating interactive call attempts	Sum, nkcttbh, nkrttbh, tot
mobile_terminating_interactive_call_failures	nok_nkcel_rrcstcaclmobt_tab.rrk6kklahl26seccb00hw01qk4	INT8	#	A number of mobile terminating interactive call attempt failures	Sum, nkcttbh, nkrttbh, tot
mobile_terminating_streaming_call_attempts	nok_nkcel_rrcstcaclmobt_tab.rrhrgyxahl26seccb00hw01qk4	INT8	#	A number of mobile terminating streaming call attempts	Sum, nkcttbh, nkrttbh, tot
mobile_terminating_streaming_call_failures	nok_nkcel_rrcstcaclmobt_tab.rrilt1dahl26seccb00hw01qk4	INT8	#	A number of mobile terminating streaming call attempt failures	Sum, nkcttbh, nkrttbh, tot

6.6.136Cell.Nokia.UMTS.rrc.setup_causes_term_unknown

RRC - Connection setup cause:unknown termination of calls statistics

KPI Name	Expression	Data Type	Units	Description	Aggregation
terminating_cause_unknown_attempts	nok_nkcel_rrcstcacltmuk_tab.rrmptdtahl26seccb00hw01qk4	INT8	#	A number of terminating call attempts with an unknown cause	Sum, nkcttbh, nkrttbh, tot

terminating_cause_unknown_failures	nok_nkcel_rrcstcacltmuk_tab.rrnjqdxahl26seccb00hw01qk4	INT8	#	A number of terminating calls with an unknown cause failure	Sum, nkcttbh, nkrttbh, tot

6.6.137Cell.Nokia.UMTS.sccpch

Secondary Common Control Physical Channel (SCCPCH) related statistics

KPI Name	Expression	Data Type	Units	Description	Aggregation
ave_fach_total_throughput_sab_denom	nok_nkcel_sccpch_tab.rsast6dahl26seccb00hw01qk4	INT8	#	The denominator for FACH Throughput for Service Area Broadcast (user data and signalling).	Sum, nkcttbh, nkrttbh, tot
ave_fach_total_throughput_sab	nok_nkcel_sccpch_tab.rs6xdoxahl26seccb00hw01qk4	INT8	#	The total throughput of FACH containing the CTCH channel used for Service Area Broadcast. Both user data and signalling are included. This counter, divided by the denominator, gives the average total throughput of the channel.	Sum, nkcttbh, nkrttbh, tot
ave_fach_user_data_throughput_for_sccpch_exc_pch	nok_nkcel_sccpch_tab.rry3qhdahl26seccb00hw01qk4	FLOAT	Bit/s	Average FACH throughput of user data only in bit/s for a SCCPCH (PCH not present).This counter, divided by	Average, avg, max, min, nkcttbh, nkrttbh, tot

				the denominator, gives Average FACH data throughput for SCCPCH channel (excluding PCH) on a measurement period.The FACH_u includes only the user related data.	
ave_fach_user_data_throughput_for_sccpch_inc_pch	nok_nkcel_sccpch_tab.rrrl12hahl26seccb00hw01qk4	FLOAT	Bit/s	Average FACH throughput of user data only in bit/s for a SCCPCH including PCH. This counter, divided by the denominator, gives Average FACH user throughput for SCCPCH channel including PCH on a measurement period.The FACH_u includes only the user related data.	Average, avg, max, min, nkcttbh, nkrttbh, tot
ave_fach_user_throughput_sab_denom	nok_nkcel_sccpch_tab.rsdhjvtahl26seccb00hw01qk4	INT8	#	The denominator for counter FACH Throughput for Service Area Broadcast (user data only).	Sum, nkcttbh, nkrttbh, tot
ave_fach_user_throughput_sab	nok_nkcel_sccpch_tab.rscmgh2ahl26seccb00hw01qk4	INT8	#	The user data throughput of FACH containing the CTCH channel used for Service Area Broadcast. This counter, divided by the denominator, gives the average user	Sum, nkcttbh, nkrttbh, tot

				data throughput of the channel.	
ave_fach_user_tot_throughput_for_sccpch_exc_pch	nok_nkcel_sccpch_tab.rrwhwbpahl26seccb00hw01qk4	FLOAT	Bit/s	Average FACH throughput of both user data and signalling in bit/s for a SCCPCH (PCH not present).This counter, divided by the denominator, gives Average FACH throughput for SCCPCH channel (excluding PCH) on a measurement period.The FACH Total throughput means all the user related data (FACH_u) and signalling (FACH_c).	Average, avg, max, min, nkcttbh, nkrttbh, tot
ave_fach_user_tot_throughput_for_sccpch_inc_pch	nok_nkcel_sccpch_tab.rrpy6ohahl26seccb00hw01qk4	FLOAT	Bit/s	Average FACH throughput of both user data and signalling in bit/s for a SCCPCH including PCH. This counter, divided by the denominator, gives Average FACH throughput for SCCPCH channel including PCH on a measurement period.The FACH Total throughput	Average, avg, max, min, nkcttbh, nkrttbh, tot

				means all the user related data (FACH_u) and signalling (FACH_c)	
ave_pch_throughput	nok_nkcel_sccpch_tab.rrt5y42ahl26seccb00hw01qk4	FLOAT	Bit/s	Average PCH throughput in bit/s for a SCCPCH channel including PCH	Average, avg, max, min, nkcttbh, nkrttbh, tot
ave_sccpch_exc_pch_load	nok_nkcel_sccpch_tab.rrut45hahl26seccb00hw01qk4	FLOAT	%	Average load of SCCPCH channel PCH not present measured as percentage. This counter, divided by the denominator, gives Average SCCPCH channel load excluding PCH on a measurement period.The FACH_u and FACH_c logical channels are mapped to this SCCPCH physical channel. When this SCCPCH is used this PCH channel is found in the SCCPCH channel including PCH.	Average, avg, max, min, nkcttbh, nkrttbh, tot
ave_sccpch_inc_pch_load	nok_nkcel_sccpch_tab.rroehdxahl26seccb00hw01qk4	FLOAT	%	Average load of SCCPCH channel including PCH.This counter, divided by the denominator, gives Average SCCPCH channel load including PCH on a measurement	Average, avg, max, min, nkcttbh, nkrttbh, tot

				period.The FACH_u, FACH_c and PCH transport channels are mapped to this SCCPCH physical channel. When more than one SCCPCH are used this channel includes only PCH.	
average_fach_user_data_throughput_for_sccpch_exc_pch	{ave_fach_user_data_throughput_for_sccpch_exc_pch} / {fach_user_data_throughput_denom_1}	FLOAT	#	Calculation for average FACH throughput of user data only, PCH not present	Average, avg, max, min, nkcttbh, nkrttbh, tot
average_fach_user_data_throughput_for_sccpch_inc_pch	{ave_fach_user_data_throughput_for_sccpch_inc_pch} / {fach_user_data_throughput_denom_0}	FLOAT	#	Calculation for average FACH throughput of user data only	Average, avg, max, min, nkcttbh, nkrttbh, tot
average_fach_user_tot_throughput_for_sccpch_exc_pch	{ave_fach_user_tot_throughput_for_sccpch_exc_pch} / {fach_user_tot_throughput_denom_1}	FLOAT	#	Calculation for average FACH user data and signalling, PCH not present	Average, avg, max, min, nkcttbh, nkrttbh, tot
average_fach_user_tot_throughput_for_sccpch_inc_pch	{ave_fach_user_tot_throughput_for_sccpch_inc_pch} / {fach_user_tot_throughput_denom_0}	FLOAT	#	Calculation for average FACH throughput of user data and signalling	Average, avg, max, min, nkcttbh, nkrttbh, tot
average_pch_throughput	{ave_pch_throughput} / {pch_throughput_denom_0}	FLOAT	#	Calculation for average PCH throughput	Average, avg, max, min,

					nkcttbh, nkrttbh, tot
average_sccpch_exc_pch_load	{ave_sccpch_exc_pch_load} / {sccpch_load_denom_1}	FLOAT	#	Calculation for average load of SCCPCH channel, PCH not present	Average, avg, max, min, nkcttbh, nkrttbh, tot
average_sccpch_inc_pch_load	{ave_sccpch_inc_pch_load} / {sccpch_load_denom_0}	FLOAT	#	Calculation for average load of SCCPCH channel	Average, avg, max, min, nkcttbh, nkrttbh, tot
avg_total_throughput_sab	{ave_fach_total_throughput_sab} / ({ave_fach_total_throughput_sab_denom}*1000)	FLOAT	kbps	The average throughput of FACH containing the CTCH channel used for Service Area Broadcast. Both user data and signalling are included.	Average, avg, max, min, nkcttbh, nkrttbh, tot
avg_user_throughput_sab	{ave_fach_user_throughput_sab} / ({ave_fach_user_throughput_sab_denom}*1000)	FLOAT	kbps	The average user data throughput of FACH containing the CTCH channel used for Service Area Broadcast.	Average, avg, max, min, nkcttbh, nkrttbh, tot
fach_user_data_throughput_denom_0	nok_nkcel_sccpch_tab.rrseyrdahl26seccb00hw01qk4	INT8	#	Denominator for average FACH throughput of user data only including PCH	Sum, nkcttbh, nkrttbh, tot
fach_user_data_throughput_denom_1	nok_nkcel_sccpch_tab.rryxpd6ahl26seccb00hw01qk4	INT8	#	Denominator for average FACH throughput of user data only (PCH not present)	Sum, nkcttbh, nkrttbh, tot
fach_user_tot_throu	nok_nkcel_sccpch_tab.rrqs	INT8	#	Denominator for	Sum,

ghput_denom_0	6ytahl26seccb00hw01qk4			average FACH throughput of both user data and signalling in bit/s for a SCCPCH including PCH	nkcttbh, nkrttbh, tot
fach_user_tot_throughput_denom_1	nok_nkcel_sccpch_tab.rrxcthtahl26seccb00hw01qk4	INT8	#	Denominator for average FACH throughput of both user data and signalling in bit/s (PCH not present)	Sum, nkcttbh, nkrttbh, tot
pch_throughput_denom_0	nok_nkcel_sccpch_tab.rrtypmxahl26seccb00hw01qk4	INT8	#	Denominator for average PCH throughput	Sum, nkcttbh, nkrttbh, tot
sccpch_load_denom_0	nok_nkcel_sccpch_tab.rrp56rtahl26seccb00hw01qk4	INT8	#	Denominator for average load of SCCPCH channel including PCH	Sum, nkcttbh, nkrttbh, tot
sccpch_load_denom_1	nok_nkcel_sccpch_tab.rrvnue2ahl26seccb00hw01qk4	INT8	#	Denominator for average load of SCCPCH channel (PCH not present)	Sum, nkcttbh, nkrttbh, tot

6.6.138Cell.Nokia.UMTS.signalling_paging_message

RRC - Connection management:Signalling, Paging, Initial direct transfer, Security mode and signalling connection statistics

KPI Name	Expression	Data Type	Units	Description	Aggregation
ini_dir_tran	nok_nkcel_sigpagmsg_tab.rshjrxxahl26seccb00hw01qk4	INT8	#	Number of initial direct transfer messages	Sum, nkcttbh, nkrttbh, tot
paging_type_1_att_	nok_nkcel_sigpagmsg_tab.	INT8	#	A number of CN	Sum,

cn_orig	rsf3qxdahl26seccb00hw01qk4			originated paging type 1 attempts. Indicates the number of CN originated paging attempts to mobiles in idle mode or PCH/URA substate.	nkcttbh, nkrttbh, tot
paging_type_1_att_rnc_orig	nok_nkcel_sigpagmsg_tab.rsfw40lahl26seccb00hw01qk4	INT8	#	A number of RNC originated paging type 1 attempts. Indicates the number of RNC originated paging attempts to mobiles in idle mode or PCH/URA substate.	Sum, nkcttbh, nkrttbh, tot
paging_type_2_att	nok_nkcel_sigpagmsg_tab.rsgppfpahl26seccb00hw01qk4	INT8	#	A number of paging type 2 attempts. Indicates the number of (CN originated) paging attempts to mobiles in DCH or RACH/FACH substate.	Sum, nkcttbh, nkrttbh, tot
sec_mod_contrl_comp	nok_nkcel_sigpagmsg_tab.rsj6gedahl26seccb00hw01qk4	INT8	#	Number of Security Mode Control Complete messages.	Sum, nkcttbh, nkrttbh, tot
sec_mod_contrl	nok_nkcel_sigpagmsg_tab.rsiec12ahl26seccb00hw01qk4	INT8	#	Number of Security Mode Control messages.	Sum, nkcttbh, nkrttbh, tot
sig_conn_rel_req	nok_nkcel_sigpagmsg_tab.rsku4kdahl26seccb00hw01qk4	INT8	#	Number of Signalling Connection Release Indication (request) messages.	Sum, nkcttbh, nkrttbh, tot
sig_conn_rel	nok_nkcel_sigpagmsg_tab.rsk0jodahl26seccb00hw01qk4	INT8	#	Number of Signalling Connection Release	Sum, nkcttbh, nkrttbh,

				messages.	tot

6.6.139Cell.Nokia.UMTS.signalling_rrc.connection_setup_requests

RRC Signalling - Connection setup statistics

KPI Name	Expression	Data Type	Units	Description	Aggregation
dch_release_due_to_hsdpa_resumption_timer_rejected	nok_nkcel_sgrrcconstrq_tab.uaqad0d1im2ahsxr0035xkcuai	INTEGER	#	The number of times when HSDPA resumption timer has expired but reconfiguration to DCH 0/0 is rejected. The reason for rejection can be one of the following: 1) The maximum number of HSDPA users is exceeded in the cell. 2) It is not possible to allocate HSDPA power to the cell. 3) There is another parallel layer-3 procedure ongoing. 4) HdschGuardTimerHO or HsdschGuardTimerLowThrou ghput timer is running.	Sum, nkcttbh, nkrttbh, tot
rrc_conn_req_for_call_re_estab	nok_nkcel_sgrrcconstrq_tab.rt2ffmpahl26seccb00hw01qk4	INT8	#	A number of establishment requests for call re establishments.	Sum, nkcttbh, nkrttbh, tot
rrc_conn_req_for_detach	nok_nkcel_sgrrcconstrq_tab.rsvq04lahl26seccb00hw01qk4	INT8	#	A number of establishment requests for detach.	Sum, nkcttbh, nkrttbh,

					tot
rrc_conn_req_for_emerg_call	nok_nkcel_sgrrcconstrq_tab.rssfomxahl26seccb00hw01qk4	INT8	#	A number of establishment requests for emergency calls.	Sum, nkcttbh, nkrttbh, tot
rrc_conn_req_for_intr_rat_cell_chng_ord	nok_nkcel_sgrrcconstrq_tab.rsu1rq6ahl26seccb00hw01qk4	INT8	#	A number of establishment requests for intr_rat_cell_chng_ord.	Sum, nkcttbh, nkrttbh, tot
rrc_conn_req_for_intr_rat_cell_re_select	nok_nkcel_sgrrcconstrq_tab.rst6cfhahl26seccb00hw01qk4	INT8	#	A number of establishment requests for intr_rat_cell_re_select.	Sum, nkcttbh, nkrttbh, tot
rrc_conn_req_for_moc_estab_of_backgr_call	nok_nkcel_sgrrcconstrq_tab.rsqrnnlahl26seccb00hw01qk4	INT8	#	A number of establishment requests for originating background calls.	Sum, nkcttbh, nkrttbh, tot
rrc_conn_req_for_moc_estab_of_conv_call	nok_nkcel_sgrrcconstrq_tab.rslsbdlahl26seccb00hw01qk4	INT8	#	A number of establishment requests for originating conversational calls.	Sum, nkcttbh, nkrttbh, tot
rrc_conn_req_for_moc_estab_of_interact_call	nok_nkcel_sgrrcconstrq_tab.rsp26n6ahl26seccb00hw01qk4	INT8	#	A number of establishment requests for originating interactive calls.	Sum, nkcttbh, nkrttbh, tot
rrc_conn_req_for_moc_estab_of_stream_call	nok_nkcel_sgrrcconstrq_tab.rsnhwdxahl26seccb00hw01qk4	INT8	#	A number of establishment requests for originating streaming calls.	Sum, nkcttbh, nkrttbh, tot
rrc_conn_req_for_mtc_estab_of_backgr_call	nok_nkcel_sgrrcconstrq_tab.rsrlyqxahl26seccb00hw01qk4	INT8	#	A number of establishment requests for terminating background calls.	Sum, nkcttbh, nkrttbh, tot

rrc_conn_req_for_mtc_estab_of_conv_call	nok_nkcel_sgrrcconstrq_tab.rsmmfadahl26seccb00hw01qk4	INT8	#	A number of establishment requests for terminating conversational calls.	Sum, nkcttbh, nkrttbh, tot
rrc_conn_req_for_mtc_estab_of_interact_call	nok_nkcel_sgrrcconstrq_tab.rspx4p6ahl26seccb00hw01qk4	INT8	#	A number of establishment requests for terminating interactive calls.	Sum, nkcttbh, nkrttbh, tot
rrc_conn_req_for_mtc_estab_of_stream_call	nok_nkcel_sgrrcconstrq_tab.rsoc5cpahl26seccb00hw01qk4	INT8	#	A number of establishment requests for terminating streaming calls.	Sum, nkcttbh, nkrttbh, tot
rrc_conn_req_for_originating_high_priority_signalling	nok_nkcel_sgrrcconstrq_tab.rswkgstahl26seccb00hw01qk4	INT8	#	A number of establishment requests for originating call high priority signalling.	Sum, nkcttbh, nkrttbh, tot
rrc_conn_req_for_originating_low_priority_signalling	nok_nkcel_sgrrcconstrq_tab.rsxefhhahl26seccb00hw01qk4	INT8	#	A number of establishment requests for originating call low priority signalling.	Sum, nkcttbh, nkrttbh, tot
rrc_conn_req_for_originating_subscribed_traffic_call	nok_nkcel_sgrrcconstrq_tab.rt1kgipahl26seccb00hw01qk4	INT8	#	A number of establishment requests for an originating subscribed traffic call.	Sum, nkcttbh, nkrttbh, tot
rrc_conn_req_for_registration	nok_nkcel_sgrrcconstrq_tab.rsuvbdxahl26seccb00hw01qk4	INT8	#	A number of establishment requests for registration.	Sum, nkcttbh, nkrttbh, tot
rrc_conn_req_for_terminating_caus	nok_nkcel_sgrrcconstrq_tab.rt0qjttahl26seccb00hw01	INT8	#	A number of establishment	Sum, nkcttbh,

e_unknown	qk4			requests for terminating call; the cause is unknown.	nkrttbh, tot
rrc_conn_req_for_terminating_high_priority_signalling	nok_nkcel_sgrrcconstrq_tab.rsy50d2ahl26seccb00hw01qk4	INT8	#	A number of establishment requests for terminating call high priority signalling.	Sum, nkcttbh, nkrttbh, tot
rrc_conn_req_for_terminating_low_priority_signalling	nok_nkcel_sgrrcconstrq_tab.rsyx5txahl26seccb00hw01qk4	INT8	#	A number of establishment requests for terminating call low priority signalling.	Sum, nkcttbh, nkrttbh, tot
rrc_conn_setup_retrans_triggered_by_timer	nok_nkcel_sgrrcconstrq_tab.x4iqmt2afq2ahdvuj02uauibev	INTEGER	#	The number of RRC Connection Setup retransmissions if RRC Connection Setup Complete is not received in time defined in RRCconnRepTimer2.	Sum, nkcttbh, nkrttbh, tot
rrc_conn_setup_retrans_triggered_by_ue	nok_nkcel_sgrrcconstrq_tab.x4iqmt0afq2ahdvuj02uauibev	INTEGER	#	The number of UE Triggered RRC Connection Setup retransmissions. RRC Connection Setup is retransmitted immediately and timer RRCconnRepTimer2 restarted if repeated RRC Connection Request is received during the ongoing RRC connection setup procedure.	Sum, nkcttbh, nkrttbh, tot
rrc_reestablish_fail_no_reply_nrt	nok_nkcel_sgrrcconstrq_tab.uaqad0j1im2ahsxr0035xkcuai	INTEGER	#	The number of failed RRC connection re-establishments due to the UE not replying to an RRC: CELL UPDATE CONFIRM sent by RNC.	Sum, nkcttbh, nkrttbh, tot

rrc_reestablish_fail_ue_nrt	nok_nkcel_sgrrcconstrq_tab.uaqad0h1im2ahsxr0035xkcuai	INTEGER	#	The number of failed RRC connection re-establishments due to the UE replying with an RRC: RADIO BEARER RECONFIGURATION FAILURE.	Sum, nkcttbh, nkrttbh, tot
rrc_reestablish_success_nrt	nok_nkcel_sgrrcconstrq_tab.uaqad0f1im2ahsxr0035xkcuai	INTEGER	#	The number of successful RRC connection reestablishments. Note: an RRC re-establisment is not done for RT in Nokia implementation	Sum, nkcttbh, nkrttbh, tot

6.6.140Cell.Nokia.UMTS.signalling_rrc.connection_status

RRC Signalling - Connection status statistics

KPI Name	Expression	Data Type	Units	Description	Aggregation
rrc_conn_for_cell_pch_due_to_ue_is_lost	nok_nkcel_sgrrcconsts_tab.rtacjv2ahl26seccb00hw01qk4	INT8	#	A number of RRC connection releases in CELL_PCH state due to a cause MS is lost. If the RNC cannot obtain any cell update message as a response to repeated paging to the MS. (Incorrectly named as RRC_CONN_FOR_CELL_PCH_DUE_TO_MS_IS_LOST in Nokia document)	Sum, nkcttbh, nkrttbh, tot
rrc_conn_reject_du	nok_nkcel_sgrrcconsts_tab	INT8	#	- Obsolete in RN2.2	Sum,

e_to_rrc_connection_setup_redirection	.rth54kpahl26seccb00hw01qk4			- Number of RRC Connection Reject messages sent to UE with RRC connection setup redirection information. In this case, the RRC connection request is rejected but the information of other cell carrier is given where UE should make a new	nkcttbh, nkrttbh, tot
rrc_conn_reject_due_to_rrmu_overload	nok_nkcel_sgrrcconsts_tab.rtgd20dahl26seccb00hw01qk4	INT8	#	Number of RRC Connection Request rejects due to RRMU overload (RNTI cannot be allocated).	Sum, nkcttbh, nkrttbh, tot
rrc_conn_reject	nok_nkcel_sgrrcconsts_tab.rt40kaxahl26seccb00hw01qk4	INT8	#	A number of RRC connection request reject messages. When the RRC signalling entity acknowledges a rejection to the UE. The reason for the rejection can be, Internal reason BTS reason Transmission reason AC reason.	Sum, nkcttbh, nkrttbh, tot
rrc_conn_rel_due_to_rnc_internal	nok_nkcel_sgrrcconsts_tab.rtdog56ahl26seccb00hw01qk4	INT8	#	The number of RRC connection releases due to RNC internal reason.	Sum, nkcttbh, nkrttbh, tot
rrc_conn_rel_for_due_to_cell_or_ura_update_conf_fail	nok_nkcel_sgrrcconsts_tab.rtb5xahahl26seccb00hw01qk4	INT8	#	A number of RRC connection releases due to a cell or URA update confirmation failure.	Sum, nkcttbh, nkrttbh, tot
rrc_conn_rel_for_d	nok_nkcel_sgrrcconsts_tab	INT8	#	A number of RRC	Sum,

ue_to_dir_sig_conn_re_est	.rtc00tdahl26seccb00hw01qk4			connection releases due to the reason directed signalling connection re establishment	nkcttbh, nkrttbh, tot
rrc_conn_rel	nok_nkcel_sgrrcconsts_tab.rt6hsxlahl26seccb00hw01qk4	INT8	#	A number of RRC connection releases.	Sum, nkcttbh, nkrttbh, tot
rrc_conn_release_on_ccch	nok_nkcel_sgrrcconsts_tab.rtcsottahl26seccb00hw01qk4	INT8	#	The number of RRC connection releases on common control channel.	Sum, nkcttbh, nkrttbh, tot
rrc_conn_req_fail	nok_nkcel_sgrrcconsts_tab.rt36ys6ahl26seccb00hw01qk4	INT8	#	A number of RRC connection request failures. When the message is tried to be decoded and the data is corrupted, the message cannot be interpreted (Unable to solve ASN.1 coding or reason unknown).	Sum, nkcttbh, nkrttbh, tot
rrc_conn_setup_compl_received	nok_nkcel_sgrrcconsts_tab.rt5ndfpahl26seccb00hw01qk4	INT8	#	The number of RRC CONNECTION SETUP COMPLETE messages received.	Sum, nkcttbh, nkrttbh, tot
rrc_conn_setup	nok_nkcel_sgrrcconsts_tab.rt4tjlhahl26seccb00hw01qk4	INT8	#	A number of RRC connection setups	Sum, nkcttbh, nkrttbh, tot
rrc_rel_due_to_ms_is_lost_in_cell_fach	nok_nkcel_sgrrcconsts_tab.rtfh2fxahl26seccb00hw01qk4	INT8	#	The number of RRC connection releases due to -MS is lost-in CELL_FACH	Sum, nkcttbh, nkrttbh, tot

This edition applies to IBM® Tivoli® Netcool® Performance Manager for Wireless and to all subsequent releases and modifications until otherwise indicated in new editions.

				state.	
rrc_rel_mslost_ura_pch	nok_nkcel_sgrrcconsts_tab.uecvrfjhos2aibkmj035xkctln	INTEGER	#	The number of RRC connection releases due to 'MS is lost' in URA_PCH state.	Sum, nkcttbh, tot
rrc_status_messages_due_to_invalid_configuration	nok_nkcel_sgrrcconsts_tab.x4iqmtbafq2ahdvuj02uauibev	INTEGER	#	The number of received RRC STATUS messages from the UE in case radio access bearers for the CN domain indicated by the IE "CN domain identity" exist in the variable ESTABLISHED_RABS while signaling connection release is requested by CN.	Sum, nkcttbh, nkrttbh, tot
rrc_status_messages_due_to_invalid_paging_type_2_message	nok_nkcel_sgrrcconsts_tab.x4iqmt6afq2ahdvuj02uauibev	INTEGER	#	The number of received RRC STATUS messages from the UE in case the UE receives a PAGING TYPE 2 message, which contains a protocol error causing the variable PROTOCOL_ERROR_REJ ECT to be set to TRUE.	Sum, nkcttbh, nkrttbh, tot
rrc_status_messages	nok_nkcel_sgrrcconsts_tab.x4iqmt4afq2ahdvuj02uauibev	INTEGER	#	The total number of received RRC STATUS messages with Protocol Error Information.	Sum, nkcttbh, nkrttbh, tot
rrc_status_msg_due_to_asn1_violation_or_encoding_error	nok_nkcel_sgrrcconsts_tab.xdi26irafq2ahdvuj02uauibev	INTEGER	#	The number of received RRC STATUS messages from the UE in case the UE receives an	Sum, nkcttbh, nkrttbh, tot

				RRC message on the DCCH for which the encoded message does not result in any valid abstract syntax value (or "encoding error").	

6.6.141Cell.Nokia.UMTS.signalling_rrc.measurement_report

RRC Signalling - Measurement report statistics

KPI Name	Expression	Data Type	Units	Description	Aggregation
cap_req_ul	nok_nkcel_sigrrcmeasrp_tab.rthya0tahl26seccb00hw01qk4	INT8	#	A number of capacity requests in UL	Sum, nkcttbh, nkrttbh, stdev, tot
meas_report_messages_with_periodic_reporting_results	nok_nkcel_sigrrcmeasrp_tab.rtitt1pahl26seccb00hw01qk4	INT8	#	The number of RRC:MEASUREMENT REPORT messages containing periodical reporting results.	Sum, nkcttbh, nkrttbh, tot

6.6.142Cell.Nokia.UMTS.signalling_rrc.signalling_protocol_states

RRC Signalling - Protocol states statistics

KPI Name	Expression	Data Type	Units	Description	Aggregation
att_fach_to_hs_dsch	nok_nkcel_sigrrcptcl_st_tab.xdrxaqddmm2aicsd002uaxybdk	INTEGER	#	The number of attempted state transitions from FACH to HS-DSCH.	Sum, nkcttbh, nkrttbh, tot
att_hs_dsch_to_fac	nok_nkcel_sigrrcptcl_st_ta	INTEG	#	The number of	Sum,

h	b.xdrxaqhdmm2aicsd002uaxybdk	ER		attempted state transitions from HS-DSCH to DCH.	nkcttbh, nkrttbh, tot
att_pch_dch_trans_umrlc	nok_nkcel_sigrrcptcl_st_tab.xdrxat4dmm2aicsd002uaxybdk	INTEGER	#	The number of attempted Cell/URA-PCH to DCH state transitions using UM-RLC. This counter is updated for the cell where RRC: CELL UPDATE was originally received, even if the UE would be redirected to another cell.	Sum, nkcttbh, nkrttbh, tot
avg_ue_operating_time_in_cell_dch	{sum_of_ue_operating_time_in_cell_dch} / {num_of_ue_measured_in_cell_dch}	FLOAT	Sec	Average operating time when the UE is in CELL_DCH state.	Average, avg, max, min, nkcttbh, nkrttbh, stdev, tot
avg_ue_operating_time_in_cell_fach	{sum_of_ue_operating_time_in_cell_fach} / {num_of_ue_measured_in_cell_fach}	FLOAT	Sec	Average operating time when the UE is in CELL_FACH state.	Average, avg, max, min, nkcttbh, nkrttbh, stdev, tot
avg_ue_operating_time_in_cell_pch	{sum_of_ue_operating_time_in_cell_pch} / {num_of_ue_measured_in_cell_pch}	FLOAT	Sec	Average operating time when the UE is in CELL_PCH state.	Average, avg, max, min, nkcttbh, nkrttbh, stdev, tot
cell_dch_state_to_cell_fach	nok_nkcel_sigrrcptcl_st_tab.rtjnqcxahl26seccb00hw01qk4	INT8	#	A number of state transitions from CELL_DCH state to CELL_FACH state	Sum, nkcttbh, nkrttbh, stdev, tot
cell_dch_state_to_cell_pch	nok_nkcel_sigrrcptcl_st_tab.rtpiavdahl26seccb00hw01qk4	INT8	#	The number of RRC state transitions from CELL_DCH	Sum, nkcttbh, nkrttbh,

				state to CELL_PCH state.	tot
cell_dch_to_cell_fach_state_transitions_due_to_ps_interruption_timer	nok_nkcel_sigrrcptcl_st_tab.rtr5d6xahl26seccb00hw01qk4	INT8	#	The number of state transitions from CELL DCH to CELL FACH due to PS interruption timer. If PS Interruption Timer expires and there is another capacity request for the CELL that is under the same BTS, the packet scheduler of the RNC releases the dedicated transport channel and the related radio links. The UE is moved to Cell_FACH state unless it has other user plane dedicated transport channels allocated.	Sum, nkcttbh, nkrttbh, tot
cell_fach_state_to_cell_dch	nok_nkcel_sigrrcptcl_st_tab.rtkgsrpahl26seccb00hw01qk4	INT8	#	A number of state transitions from CELL_FACH state to CELL_DCH state.	Sum, nkcttbh, nkrttbh, stdev, tot
cell_fach_state_to_cell_pch_aft_cell_update	nok_nkcel_sigrrcptcl_st_tab.rtm4uulahl26seccb00hw01qk4	INT8	#	A number of state transitions from CELL_FACH state to CELL_PCH state after Cell Update attempt.	Sum, nkcttbh, nkrttbh, stdev, tot
cell_fach_state_to	nok_nkcel_sigrrcptcl_st_ta	INT8	#	A number of state	Sum,

_cell_pch_due_to_inactivity	b.rtlcclhahl26seccb00hw01qk4			transitions from CELL_FACH state to CELL_PCH state after inactivity is detected.	nkcttbh, nkrttbh, stdev, tot
cell_fach_state_to_hsdsch	nok_nkcel_sigrrcptcl_st_tab.uaqad101im2ahsxr0035xkcuai	INTEGER	#	The number of state transitions from CELL-FACH state to CELL-DCH state with HS-DSCH downlink transport channel.	Sum, nkcttbh, nkrttbh, tot
cell_fach_state_to_ura_pch	nok_nkcel_sigrrcptcl_st_tab.rtmxapdahl26seccb00hw01qk4	INT8	#	A number of state transitions from CELL_FACH state to URA_PCH state.	Sum, nkcttbh, nkrttbh, stdev, tot
cell_upd_after_pag_cell_pch	nok_nkcel_sigrrcptcl_st_tab.xdrxaqpdmm2aicsd002uaxybdk	INTEGER	#	The number of Cell updates counted as a paging response received from the UE after paging in Cell-PCH state. This counter is also used as a denominator when average paging delay is calculated from M1006C163.	Sum, nkcttbh, nkrttbh, tot
cell_upd_after_pag_ura_pch	nok_nkcel_sigrrcptcl_st_tab.xdrxaqxdmm2aicsd002uaxybdk	INTEGER	#	The number of Cell updates counted as a paging response received from the UE after paging in URA-PCH state. This counter is also used as a denominator when average paging delay is calculated using M1006C166.	Sum, nkcttbh, nkrttbh, tot
cell_update_att_data_tr_tvm	nok_nkcel_sigrrcptcl_st_tab.xdrxatddmm2aicsd002uaxybdk	INTEGER	#	The number of Cell Update messages received with cause	Sum, nkcttbh, nkrttbh,

				"uplink data transmission" and "traffic volume indicator" IE set as true. Also M1006C36 is updated along with this counter.	tot
dch_release_due_to_hsdpa_resumption_timer	nok_nkcel_sigrrcptcl_st_tab.uaqad0b1im2ahsxr0035xkcuai	INTEGER	#	The number of times when PS NRT DCH is reconfigured to DCH 0/0 due to HSDPA resumption timer expiration.	Sum, nkcttbh, nkrttbh, tot
denom_pag_delay_resp_cel_pch	nok_nkcel_sigrrcptcl_st_tab.xdrxar6dmm2aicsd002uaxybdk	INTEGER	#	The number of paging delay values updated to counter M1006C164. Used as a denominator in average calculation.	Sum, nkcttbh, nkrttbh, tot
denom_pag_delay_resp_ura_pch	nok_nkcel_sigrrcptcl_st_tab.xdrxarfdmm2aicsd002uaxybdk	INTEGER	#	The number of paging delay values updated to counter M1006C167. Used as a denominator in average calculation.	Sum, nkcttbh, nkrttbh, tot
denom_st_trans_time_dch_fach	nok_nkcel_sigrrcptcl_st_tab.xdrxarxdmm2aicsd002uaxybdk	INTEGER	#	Denominator for M1006C176 used for average calculation.	Sum, nkcttbh, nkrttbh, tot
denom_st_trans_time_fach_dch	nok_nkcel_sigrrcptcl_st_tab.xdrxarpdmm2aicsd002uaxybdk	INTEGER	#	Denominator for M1006C172 used for average calculation.	Sum, nkcttbh, nkrttbh, tot
denom_st_trans_time_pch_dch	nok_nkcel_sigrrcptcl_st_tab.xdrxartdmm2aicsd002ua	INTEGER	#	Denominator for M1006C174 used	Sum, nkcttbh,

	xybdk			for average calculation.	nkrttbh, tot
denom_st_trans_time_pch_fach	nok_nkcel_sigrrcptcl_st_tab.xdrxarldmm2aicsd002uaxybdk	INTEGER	#	Denominator for M1006C170 used for average calculation.	Sum, nkcttbh, nkrttbh, tot
denom_time_aal2_setup	nok_nkcel_sigrrcptcl_st_tab.xdrxat2dmm2aicsd002uaxybdk	INTEGER	#	Denominator for M1006C194, used for average calculation.	Sum, nkcttbh, nkrttbh, tot
fail_pag_no_resp_cell_pch	nok_nkcel_sigrrcptcl_st_tab.xdrxaqrdmm2aicsd002uaxybdk	INTEGER	#	The number of unsuccessful paging occasions when the RNC judges the whole paging occasion unsuccessful due to no response from the UE.	Sum, nkcttbh, nkrttbh, tot
fail_pag_no_resp_ura_pch	nok_nkcel_sigrrcptcl_st_tab.xdrxar0dmm2aicsd002uaxybdk	INTEGER	#	The number of unsuccessful paging occasion when the RNC judges the whole paging occasion unsuccessful due to no response from the UE.	Sum, nkcttbh, nkrttbh, tot
hsdsch_state_to_cell_fach_due_to_low_utilisation	nok_nkcel_sigrrcptcl_st_tab.rtonf6dahl26seccb00hw01qk4	INT8	#	The number of RRC state transitions from CELL DCH (HS-DSCH) state to CELL FACH state due to low utilisation.	Sum, nkcttbh, nkrttbh, tot
hsdsch_state_to_cell_pch	nok_nkcel_sigrrcptcl_st_tab.rtqdnlpahl26seccb00hw01qk4	INT8	#	The number of RRC state transitions from CELL_DCH (HS-DSCH) state to CELL_PCH state.	Sum, nkcttbh, nkrttbh, tot
mea_cap_req_for_	nok_nkcel_sigrrcptcl_st_ta	INT8	#	Measuring Capacity	Sum,

dl	b.rtnsl2dahl26seccb00hw01qk4			request for DL. When MAC c sends a capacity request to an RRC entity when activity in DL is detected.	nkcttbh, nkrttbh, stdev, tot
num_of_ue_measured_in_cell_dch	nok_nkcel_sigrrcptcl_st_tab.rtutjyxahl26seccb00hw01qk4	INT8	#	The denominator for the counters M1006C87 and M1006C88. Needed for average and variance calculation.	Sum, nkcttbh, nkrttbh, tot
num_of_ue_measured_in_cell_fach	nok_nkcel_sigrrcptcl_st_tab.rtyhiuhahl26seccb00hw01qk4	INT8	#	The denominator for the counters M1006C90 and M1006C91. Needed for average and variance calculation.	Sum, nkcttbh, nkrttbh, tot
num_of_ue_measured_in_cell_pch	nok_nkcel_sigrrcptcl_st_tab.ru2y14pahl26seccb00hw01qk4	INT8	#	The denominator for the counters M1006C93 and M1006C94. Needed for average and variance calculation.	Sum, nkcttbh, nkrttbh, tot
num_ue_meas_ura_pch	nok_nkcel_sigrrcptcl_st_tab.uecvrfnhos2aibkmj035xkctln	INTEGER	#	Denominator for counters M1006C96 needed for average calculation	Sum, nkcttbh, tot
pag_delay_cu_cell_pch	nok_nkcel_sigrrcptcl_st_tab.xdrxar2dmm2aicsd002uaxybdk	INTEGER	10ms	The sum of Cell-PCH paging delays defined as the time between the first sent RRC: PAGING TYPE 1 message and the RRC: CELL UPDATE received from the UE. This counter, divided by	Sum, nkcttbh, nkrttbh, tot

				M1006C157, provides the average paging delay.	
pag_delay_resp_cell_pch	nok_nkcel_sigrrcptcl_st_tab.xdrxar4dmm2aicsd002uaxybdk	INTEGER	10ms	The sum of Cell-PCH paging delays defined as the time between the first sent RRC: PAGING TYPE 1 message and the RRC: UTRAN MOBILITY INFORMATION CONFIRM or any other UL DCCH received from the UE after a successful connection establishment procedure.	Sum, nkcttbh, nkrttbh, tot
paging_messages_cell_pch	nok_nkcel_sigrrcptcl_st_tab.xdrxaqndmm2aicsd002uaxybdk	INTEGER	#	The number of paging messages sent to UE in Cell-PCH state. This counter contains all sent pages, not only repeated ones, before the UE response is received or before paging is stopped due to no response from the UE.	Sum, nkcttbh, nkrttbh, tot
paging_messages_ura_pch	nok_nkcel_sigrrcptcl_st_tab.xdrxaqvdmm2aicsd002uaxybdk	INTEGER	#	The number of paging messages sent to UE in URA-PCH state. This counter contains all sent pages, not only repeated ones, before the UE response is received or before paging is	Sum, nkcttbh, nkrttbh, tot

				stopped due to no response from the UE.	
paging_occasion_cell_pch	nok_nkcel_sigrrcptcl_st_tab.xdrxaqldmm2aicsd002uaxybdk	INTEGER	#	The number of occasions when paging is required for UE in Cell-PCH state, i.e. the RNC starts paging.	Sum, nkcttbh, nkrttbh, tot
paging_occasion_ura_pch	nok_nkcel_sigrrcptcl_st_tab.xdrxaqtdmm2aicsd002uaxybdk	INTEGER	#	The number of occasions when paging is required for UE in URA-PCH state, i.e. the RNC starts paging.	Sum, nkcttbh, nkrttbh, tot
prach_delay_range_value	nok_nkcel_sigrrcptcl_st_tab.xdrxarhdmm2aicsd002uaxybdk	INTEGER	#	The value of WCEL parameter PRACHDelayRange when the last RRC Connection Request or Cell Update of the measurement interval was received.	Sum, avg, max, min, nkcttbh, nkrttbh, tot
resel_pch_dch_trans	nok_nkcel_sigrrcptcl_st_tab.xdrxatbdmm2aicsd002uaxybdk	INTEGER	#	The number of cell reselections that occurred during the attempted Cell/URA-PCH to DCH state transitions using UM-RLC. This counter can be used in the Cell Update success rate calculation for excluding the reselections from	Sum, nkcttbh, nkrttbh, tot

This edition applies to IBM® Tivoli® Netcool® Performance Manager for Wireless and to all subsequent releases and modifications until otherwise indicated in new editions.

				the attempts. This counter is updated for the cell where RRC: CELL UPDATE was originally received, even if the UE would be redirected to another cell.	
squared_sum_of_ue_operating_time_in_cell_dch	nok_nkcel_sigrrcptcl_st_tab.rtu0cgpahl26seccb00hw01qk4	INT8	SecSqr	The sum of squared operating time values when the UE is in CELL_DCH state. Needed for variance calculation.	Sum, nkcttbh, nkrttbh, tot
squared_sum_of_ue_operating_time_in_cell_fach	nok_nkcel_sigrrcptcl_st_tab.rtxelclahl26seccb00hw01qk4	INT8	#	The sum of squared operating time values when the UE is in CELL_FACH state. Needed for variance calculation. The counter does not include those times that are used in CELL_FACH state when the UE is performing cell update or URA update procedure and after that is sent back to CELL_PCH or URA_PCH state, i.e. the UE is performing periodic cell update or URA update procedure or cell or URA reselection.	Sum, nkcttbh, nkrttbh, tot
squared_sum_of_ue_operating_time_in_cell_pch	nok_nkcel_sigrrcptcl_st_tab.ru23aptahl26seccb00hw01qk4	INT8	10SecSqr	The sum of squared operating time values when the UE is in CELL_PCH state. Needed for variance calculation.	Sum, nkcttbh, nkrttbh, tot

				Counting operating time in CELL_PCH is not interrupted if the UE performs cell update procedure due to periodic update or cell reselection.	
state_trans_cell_dch_to_cell_fach_due_to_low_utilisation	nok_nkcel_sigrrcptcl_st_tab.rts01flahl26seccb00hw01qk4	INT8	#	The number of RRC state transitions from CELL_DCH state to CELL_FACH state due to low DCH utilisation. If downlink or uplink throughput in the number of bytes goes below the threshold defined with the RNC configuration parameters DCHutilRelThrDL or DCHutilRelThrUL, the PS DCH release procedure starts. For more information on the parameters, see WCDMA RAS05 Parameter Dictionary.	Sum, nkcttbh, nkrttbh, tot
succ_fach_to_hs_dsch	nok_nkcel_sigrrcptcl_st_tab.xdrxaqfdmm2aicsd002uaxybdk	INTEGER	#	The number of successful state transitions from FACH to HS-DSCH.	Sum, nkcttbh, nkrttbh, tot
succ_hs_dsch_to_f	nok_nkcel_sigrrcptcl_st_ta	INTEG	#	The number of	Sum,

ach	b.xdrxaqjdmm2aicsd002uaxybdk	ER		successful state transitions from HS-DSCH to DCH.	nkcttbh, nkrttbh, tot
succ_pch_dch_trans_umrlc	nok_nkcel_sigrrcptcl_st_tab.xdrxat6dmm2aicsd002uaxybdk	INTEGER	#	The number of successful Cell/URA-PCH to DCH state transition attempts using UM-RLC. This counter is updated for the cell where RRC: CELL UPDATE was originally received, even if the UE would be redirected to another cell.	Sum, nkcttbh, nkrttbh, tot
sum_of_ue_operating_time_in_cell_dch	nok_nkcel_sigrrcptcl_st_tab.rtt5ud2ahl26seccb00hw01qk4	INT8	Sec	The sum of operating time when the UE is in CELL_DCH state. This counter, divided by the denominator M1006C89, gives the average operating time in CELL_DCH state.	Sum, nkcttbh, nkrttbh, tot
sum_of_ue_operating_time_in_cell_fach	nok_nkcel_sigrrcptcl_st_tab.rtwimppahl26seccb00hw01qk4	INT8	Sec	The sum of operating time when the UE is in CELL_FACH state. This counter, divided by the denominator M1006C92, gives the average operating time in CELL_FACH state. The counter does not include those times that are used in CELL_FACH state when the UE is	Sum, nkcttbh, nkrttbh, tot

				performing cell update or URA update procedure and after that is sent back to CELL_PCH or URA_PCH state, i.e. the UE is performing the periodic cell update or URA update procedure or cell or URA reselection.	
sum_of_ue_operating_time_in_cell_pch	nok_nkcel_sigrrcptcl_st_tab.ru15xlpahl26seccb00hw01qk4	INT8	10Sec	The sum of operating time when the UE is in CELL_PCH state. This counter, divided by the denominator M1006C95, gives the average operating time in CELL_PCH state. Counting operating time in CELL_PCH is not interrupted if the UE performs cell update procedure due to periodic update or cell reselection. The unit of this counter is 10 seconds, meaning that value 1 means 10 seconds in CELL_PCH state. Times shorter than 10 seconds will be counted as 10 seconds.	Sum, nkcttbh, nkrttbh, tot

sum_oper_time_ura_pch	nok_nkcel_sigrrcptcl_st_tab.uecvrflhos2aibkmj035xkctln	INTEGER	10s	Sum of operating time when UE is in URA_PCH state.	Sum, nkcttbh, tot
sum_pag_delay_cu_ura_pch	nok_nkcel_sigrrcptcl_st_tab.xdrxarbdmm2aicsd002uaxybdk	INTEGER	10ms	The sum of URA-PCH paging delays defined as the time between the first sent RRC: PAGING TYPE 1 message and the RRC: CELL UPDATE received from the UE. This counter, divided by M1006C161, provides the average paging delay.	Sum, nkcttbh, nkrttbh, tot
sum_pag_delay_resp_ura_pch	nok_nkcel_sigrrcptcl_st_tab.xdrxarddmm2aicsd002uaxybdk	INTEGER	10ms	The sum of URA-PCH paging delays defined as the time between the first sent RRC: PAGING TYPE 1 message and the RRC: UTRAN MOBILITY INFORMATION CONFIRM or any other UL DCCH received from the UE after a successful connection establishment procedure.	Sum, nkcttbh, nkrttbh, tot
sum_st_trans_time_dch_fach	nok_nkcel_sigrrcptcl_st_tab.xdrxarvdmm2aicsd002uaxybdk	INTEGER	ms	Sum of state transition times from Cell-DCH state to Cell-FACH state, defined as the time between: When RNC decides to initiate Cell_DCH to Cell_FACH transition - RRC:	Sum, nkcttbh, nkrttbh, tot

				Radio Bearer Reconfiguration Complete or Radio Bearer Release Complete. This counter, divided by the denominator, provides the average state transition time.	
sum_st_trans_time_dch_pch	nok_nkcel_sigrrcptcl_st_tab.xdrxas0dmm2aicsd002uaxybdk	INTEGER	ms	Sum of state transition times from Cell-DCH state to Cell-PCH or URA-PCH state, defined as the time between: When RNC decides to initiate Cell_DCH to Cell_PCH transition - RRC: Radio Bearer Reconfiguration Complete or Radio Bearer Release Complete. This counter, divided by the denominator, provides the average state transition time.	Sum, nkcttbh, nkrttbh, tot
sum_st_trans_time_fach_dch	nok_nkcel_sigrrcptcl_st_tab.xdrxarndmm2aicsd002uaxybdk	INTEGER	ms	Sum of state transition times from Cell-FACH state to Cell-DCH state, defined as the time between: UL/DL capacity request, RAB Setup - RRC: Radio Bearer Reconfiguration	Sum, nkcttbh, nkrttbh, tot

				Complete or RRC: Radio Bearer Setup Complete. This counter, divided by the denominator, provides the average state transition time.	
sum_st_trans_time_pch_dch	nok_nkcel_sigrrcptcl_st_tab.xdrxarrdmm2aicsd002uaxybdk	INTEGER	ms	Sum of state transition times from Cell-PCH or URA-PCH state to Cell-DCH state, defined as the time between: RRC: Cell Update (cause: UL Data Transmission or Paging response) - RRC: Radio Bearer Reconfiguration Complete. This counter, divided by the denominator, provides the average state transition time.	Sum, nkcttbh, nkrttbh, tot
sum_st_trans_time_pch_fach	nok_nkcel_sigrrcptcl_st_tab.xdrxarjdmm2aicsd002uaxybdk	INTEGER	ms	Sum of state transition times from Cell-PCH or URA-PCH state to Cell-FACH state, defined as the time between: RRC: Cell Update (cause: UL Data Transmission or Paging response) - RRC: Utran Mobility Information Confirm (or any other UL-DCCH message before UMIC).	Sum, nkcttbh, nkrttbh, tot
sum_time_aal2_setup	nok_nkcel_sigrrcptcl_st_tab.xdrxat0dmm2aicsd002ua	INTEGER	ms	Sum of Iub AAL2 Setup time, defined	Sum, nkcttbh,

	xybdk			as the difference between ALCAP: Establishment Request (ERQ) and ALCAP: Establishment Confirm (ECF). This counter, divided by the denominator, provides the average AAL2 setup time.	nkrttbh, tot

6.6.143Cell.Nokia.UMTS.soft_handover.nrt

NRT soft handover related statistics

KPI Name	Expression	Data Type	Units	Description	Aggregation
_%_successful_active_set_updates_on_sho_for_nrt_traffic	100 * {successful_active_set_updates_on_sho_for_nrt_traffic}/ ({successful_active_set_updates_on_sho_for_nrt_traffic}+ {unsuccessful_active_set_updates_on_sho_for_nrt_traffic})	FLOAT	%	Percentage of successful active set updates attempts on SHO for RT traffic.	Average, avg, nkcttbh, nkrttbh
_%_unsuccessful_active_set_updates_on_sho_for_nrt_traffic	100 * {unsuccessful_active_set_updates_on_sho_for_nrt_traffic}/ ({successful_active_set_updates_on_sho_for_nrt_traffic}+ {unsuccessful_active_set_updates_on_sho_for_nrt_traffic})	FLOAT	%	Percentage of unsuccessful active set updates attempts on SHO for RT traffic.	Average, avg, nkcttbh, nkrttbh

cell_addition_failure_on_sho_for_nrt_traffic	nok_soft_handover_nrt_tab.ruh1fvlahl26seccb00hw01qk4	INT8	#	A number of cell addition failures on SHO for NRT traffic. When the mobile station sends an event triggered (event 1A) periodic measurement report to the RNC in order to add a cell into the active set. The event 1A triggered periodic reporting is controlled with parameters Addition Window and Addition Reporting Interval. Only the serving RNC (SRNC) can update the counter. This counter is updated in every cell that is in the active set on SRNC side when the RNC receives the measurement report. This counter is not updated in the cell that is the object of the addition failure/request.	Sum, nkcttbh, nkrttbh, tot
cell_addition_request_on_sho_for_nrt_traffic	nok_soft_handover_nrt_tab.rueixbpahl26seccb00hw01qk4	INTEGER	0.1s	A number of cell addition requests on SHO for NRT traffic. When a mobile station sends a measurement report (event1A) to the RNC in order	Sum, nkcttbh, nkrttbh, tot

				to add a cell to the active set. The addition window of cells in event 1A is controlled with radio network planning parameters Addition Window and Addition Time. Only the SRNC can update the counter. The counter is updated in every cell that is in the active set on SRNC side when the RNC receives the measurement report. The counter is not updated in the cell that is the object of the addition request.	
cell_deletion_failure_on_sho_for_nrt_traffic	nok_soft_handover_nrt_tab.rumapkpahl26seccb00hw01qk4	INT8	#	This counter is updated, when UE sends a periodic measurement report triggered by event 1B to the RNC in order to remove a cell from the active set. That situation can appear, for example, when the RNC is prevented from deleting the old branch to the active set before	Sum, nkcttbh, nkrttbh, tot

				the new branch is synchronised. Event 1B triggered periodic reporting is controlled with the Drop Window and Drop Reporting Interval parameters. Only the serving RNC (SRNC) can update the counter. The counter is updated in every cell that is in the active set on the SRNC side when the RNC receives the measurement report.	
cell_deletion_request_on_sho_for_nrt_traffic	nok_soft_handover_nrt_tab.rufedvlahl26seccb00hw01qk4	INT8	#	A number of cell deletion requests on SHO for NRT traffic. When a mobile station sends the measurement report (event1B) to the RNC in order to remove a cell from the active set. The drop window of cells in event 1B is controlled with parameters Drop Window and Drop Time. Only the SRNC can update the counter. The counter is updated in every cell (including the removed cell itself) that is in the active set on SRNC side	Sum, nkcttbh, nkrttbh, tot

				when the RNC receives the measurement report.	
cell_replacement_failure_on_sho_for_nrt_traffic	nok_soft_handover_nrt_tab.ruhuv3tahl26seccb00hw01qk4	INT8	#	A number of cell replacement failures on SHO for NRT traffic. When the mobile station sends an event triggered (event 1C) periodic measurement report to the RNC in order to replace a cell in the active set with a non active cell. The event 1C triggered periodic reporting is controlled with parameters Replacement Window and Replacement Reporting Interval. Only the serving RNC (SRNC) can update the counter. This counter is updated in every cell that is in the active set on SRNC side when the RNC receives the measurement report. This counter is not updated in the non active cell that triggers the	Sum, nkcttbh, nkrttbh, tot

				replacement request.	
cell_replacement_request_on_sho_for_nrt_traffic	nok_soft_handover_nrt_tab.rug5lkdahl26seccb00hw01qk4	INT8	#	A number of cell replacement requests on SHO for NRT traffic. When a mobile station sends the measurement report (event1C) to the RNC in order to replace a cell in the active set with a non active cell. The event 1C is controlled with parameters Replacement Window and Replacement Time. Only the serving RNC (SRNC) can update the counter. This counter is updated in every cell that is in the active set on SRNC side when the RNC receives the measurement report. This counter is not updated in the non active cell that triggers the replacement request.	Sum, nkcttbh, nkrttbh, tot
five_cells_in_the_active_set_for_nrt_srnc	nok_soft_handover_nrt_tab.rub16pdahl26seccb00hw01qk4	INTEGER	0.1s	- Obsolete in RN2.2 - A period of time when the cell belongs to the active set, the size of which is five. Only the serving RNC can update the counter. The	Sum, nkcttbh, nkrttbh, tot

				unit value is 100 ms. This counter is updated in every cell that is in the active set on serving RN	
four_cells_in_the_active_set_for_nrt_srnc	nok_soft_handover_nrt_tab.rua5m06ahl26seccb00hw01qk4	INTEGER	0.1s	- Obsolete in RN2.2 - A period of time when the cell belongs to the active set, the size of which is four. Only the serving RNC can update the counter. The unit value is 100 ms. This counter is updated in every cell that is in the active set on serving RN	Sum, nkcttbh, nkrttbh, tot
high_ue_rx_tx_time_difference_for_nrt	nok_soft_handover_nrt_tab.rukhnlhahl26seccb00hw01qk4	INT8	#	A number of successful active set updates on SHO for NRT traffic. When the RNC sends an ACTIVE SET UPDATE message to the mobile station in order to add, replace or delete a radio link (or links) from the active set and the mobile station acknowledges the messages by sending the ACTIVE SET	Sum, nkcttbh, nkrttbh, tot

				UPDATE COMPLETE message. Only the serving RNC (SRNC) can update the counter.In case of cell addition/replacement, the counter is updated in every cell that is in the active set on SRNC side when the RNC sends the message. The counter is not updated in the cell that triggers the addition/replacement request. In case of cell deletion, the counter is updated in every cell(including the removed cell itself) that is in the active set on SRNC side when the RNC sends the ACTIVE SET UPDATE message.	
inter_rnc_soft_ho_duration_on_the_srnc_side_for_nrt_traffic	nok_soft_handover_nrt_tab.rudmwn6ahl26seccb00hw01qk4	INTEGER	0.1s	Time period during which the cell participates in inter RNC soft handover on serving RNC (SRNC) side for NRT traffic.Only the SRNC may update this counter. The unit value is 100 ms.	Average, avg, max, min, nkcttbh, nkrttbh, tot
low_ue_rx_tx_time_difference_for_nrt	nok_soft_handover_nrt_tab.ruldq46ahl26seccb00hw01qk4	INT8	#	A number of unsuccessful active setup dates on SHO for NRT	Sum, nkcttbh, nkrttbh, tot

				traffic.When the mobile station acknowledges an active SET UPDATE message with an ACTIVE SET UPDATE FAILURE message or the timer expires in the serving RNC. Only the serving RNC (SRNC)can update the counter.In case of cell addition/replacement, the counter is updated in every cell that is in the active set on SRNC side when the RNC sends the active SET UPDATE message. The counter is not updated in the cell that triggers the addition/replacement request. In case of cell deletion, the counter is updated in every cell(including the removed cell itself) that is in the active set on SRNC side when the RNC sends the ACTIVE SET UPDATE message.	

This edition applies to IBM® Tivoli® Netcool® Performance Manager for Wireless and to all subsequent releases and modifications until otherwise indicated in new editions.

one_cell_in_edch_active_set_duration	nok_soft_handover_nrt_tab.uaqad4j1im2ahsxr0035xkcuai	INTEGER	0.1s	The sum of the time periods during which this cell has belonged to the E-DCH active set, whose size has been one.	Sum, nkcttbh, nkrttbh, tot
one_cell_in_the_active_set_for_nrt_srnc	nok_soft_handover_nrt_tab.ru4mypdahl26seccb00hw01qk4	INTEGER	0.1s	A period of time when the cell belongs to the active set, the size of which is one. Only the serving RNC can update the counter. The unit value is 100 ms.	Sum, nkcttbh, nkrttbh, tot
six_cells_in_the_active_set_for_nrt_srnc	nok_soft_handover_nrt_tab.rubvfr6ahl26seccb00hw01qk4	INTEGER	0.1s	- Obsolete in RN2.2 - A period of time when the cell belongs to the active set, the size of which is six. Only the serving RNC can update the counter. The unit value is 100 ms. This counter is updated in every cell that is in the active set on serving RNC	Sum, nkcttbh, nkrttbh, tot
softer_handover_duration_on_the_srnc_side_for_nrt_traffic	nok_soft_handover_nrt_tab.rucrkjlahl26seccb00hw01qk4	INTEGER	0.1s	Time period during which the cell participates in softer handover on serving RNC (SRNC) side for NRT traffic.Only the SRNC may update the counter. The unit value is 100 ms.	Sum, nkcttbh, nkrttbh, tot

successful_active_set_updates_on_sho_for_nrt_traffic	nok_soft_handover_nrt_tab.ruir3nxahl26seccb00hw01qk4	INT8	#	A number of successful active set updates on SHO for NRT traffic. When the RNC sends an ACTIVE SET UPDATE message to the mobile station in order to add, replace or delete a radio link (or links) from the active set and the mobile station acknowledges the messages by sending the ACTIVE SET UPDATE COMPLETE message. Only the serving RNC (SRNC) can update the counter.In case of cell addition/replacement, the counter is updated in every cell that is in the active set on SRNC side when the RNC sends the message. The counter is not updated in the cell that triggers the addition/replacement request. In case of cell deletion, the counter is updated in every	Sum, nkcttbh, nkrttbh, tot

				cell(including the removed cell itself) that is in the active set on SRNC side when the RNC sends the ACTIVE SET UPDATE message.	
three_cells_in_edch_active_set_duration	nok_soft_handover_nrt_tab.uaqad4n1im2ahsxr0035xkcuai	INTEGER	0.1s	The sum of the time periods during which this cell has belonged to the E-DCH active set, whose size has been three.	Sum, nkcttbh, nkrttbh, tot
three_cells_in_the_active_set_for_nrt_srnc	nok_soft_handover_nrt_tab.ru6cuahahl26seccb00hw01qk4	INTEGER	0.1s	A period of time when the cell belongs to the active set, the size of which is three. Only the serving RNC can update the counter. The unit value is 100 ms. This counter is updated in every cell that is in the active set on serving RNC side for NRT.	Sum, nkcttbh, nkrttbh, tot
tot_attempts_active_set_updates_on_sho_for_nrt_traffic	({successful_active_set_updates_on_sho_for_nrt_traffic}+ {unsuccessful_active_set_updates_on_sho_for_nrt_traffic})	INT8	#	Total number active set updates attempts on SHO for NRT traffic.	Sum, nkcttbh, nkrttbh, tot
two_cells_in_edch_active_set_duration	nok_soft_handover_nrt_tab.uaqad4l1im2ahsxr0035xkcuai	INTEGER	0.1s	The sum of the time periods during which this cell has belonged to the E-DCH active set, whose size has been two.	Sum, nkcttbh, nkrttbh, tot

two_cells_in_the_active_set_for_nrt_srnc	nok_soft_handover_nrt_tab.ru5hkaxahl26seccb00hw01qk4	INTEGER	0.1s	A period of time when the cell belongs to the active set, the size of which is two. Only the serving RNC can update the counter. The unit value is 100 ms.	Sum, nkcttbh, nkrttbh, tot
unsuccessful_active_set_updates_on_sho_for_nrt_traffic	nok_soft_handover_nrt_tab.rujmgwtahl26seccb00hw01qk4	INT8	#	A number of unsuccessful active setup dates on SHO for NRT traffic.When the mobile station acknowledges an active SET UPDATE message with an ACTIVE SET UPDATE FAILURE message or the timer expires in the serving RNC. Only the serving RNC (SRNC)can update the counter.In case of cell addition/replacement, the counter is updated in every cell that is in the active set on SRNC side when the RNC sends the active SET UPDATE message. The counter is not updated in the cell	Sum, nkcttbh, nkrttbh, tot

				that triggers the addition/replacement request. In case of cell deletion, the counter is updated in every cell(including the removed cell itself) that is in the active set on SRNC side when the RNC sends the ACTIVE SET UPDATE message.	

6.6.144Cell.Nokia.UMTS.soft_handover.rt

RT soft handover related statistics

KPI Name	Expression	Data Type	Units	Description	Aggregation
_%_active_set_update_success_ratio	100 * ({successful_active_set_updates_on_sho_for_rt_traffic} + {Nokia.soft_handover.nrt.successful_active_set_updates_on_sho_for_nrt_traffic})/ ({unsuccessful_active_set_updates_on_sho_for_rt_traffic} + {Nokia.soft_handover.nrt.unsuccessful_active_set_updates_on_sho_for_nrt_traffic} + {successful_active_set_updates_on_sho_for_rt_traffic} + {Nokia.soft_handover.nrt.successful_active_set_updates_on_sho_for_nrt_traffic})	FLOAT	%	Percentage of successful active set updates on soft handover for real time and non real time traffic	Average, avg, nkcttbh, nkrttbh
_	100 *	FLOAT	%	Percentage of	Average,

%_successful_active_set_updates_on_sho_for_rt_traffic	{successful_active_set_updates_on_sho_for_rt_traffic} / ({successful_active_set_updates_on_sho_for_rt_traffic}+ {unsuccessful_active_set_updates_on_sho_for_rt_traffic})			successful active set updates attempts on SHO for RT traffic.	avg, nkcttbh, nkrttbh
_%_unsuccessful_active_set_updates_on_sho_for_rt_traffic	100 * {unsuccessful_active_set_updates_on_sho_for_rt_traffic}/ ({successful_active_set_updates_on_sho_for_rt_traffic}+ {unsuccessful_active_set_updates_on_sho_for_rt_traffic})	FLOAT	%	Percentage of unsuccessful active set updates attempts on SHO for RT traffic.	Average, avg, nkcttbh, nkrttbh
cell_addition_failure_on_sho_for_rt_traffic	nok_soft_handover_rt_tab.rv1fc1pahl26seccb00hw01qk4	INT8	#	A number of cell addition failures on SHO for RT traffic. When a mobile station sends an event triggered (event 1A) periodic measurement report to the RNC in order to add a cell into the active set. The event 1A triggered periodic reporting is controlled with parameters Addition Window and Addition Reporting Interval. Only the serving RNC (SRNC) can	Sum, nkcttbh, nkrttbh, tot

				update the counter. This counter is updated in every cell that is in the active set on SRNC side when the RNC receives the measurement report. This counter is not updated in the cell that is the object of the addition failure/request.	
cell_addition_request_on_sho_for_rt_traffic	nok_soft_handover_rt_tab.ruxtb62ahl26seccb00hw01qk4	INT8	#	A number of cell addition requests on SHO for RT traffic. When the mobile station sends a measurement report (event 1A) to the RNC in order to add a cell to the active set. The addition window of cells in event 1A is controlled with radio network planning parameters Addition Window and Addition Time. Only the SRNC can update the counter. The counter is updated in every cell including in the active set on SRNC side when the RNC receives the measurement report. The counter is not updated in	Sum, nkcttbh, nkrttbh, tot

				the cell that is the object of the addition request.	
cell_deletion_failure_on_sho_for_rt_traffic	nok_soft_handover_rt_tab.rvab6txahl26seccb00hw01qk4	INT8	#	This counter is updated, when UE sends a periodic measurement report triggered by event 1B to the RNC in order to remove a cell from the active set. That situation can appear, for example, when the RNC is prevented to delete the old branch to the active set before the new branch is synchronised. Event 1B triggered periodic reporting is controlled with the Drop Window and Drop Reporting Interval parameters. Only the serving RNC (SRNC) can update the counter. The counter is updated in every cell that is in the active set on the SRNC side when the RNC receives the measurement report.	Sum, nkcttbh, nkrttbh, tot
cell_deletion_reque	nok_soft_handover_rt_tab.r	INT8	#	A number of cell	Sum,

st_on_sho_for_rt_traffic	uyoj0tahl26seccb00hw01qk4			deletion requests on SHO for RT traffic. When the mobile station sends a measurement report (event 1B)to the RNC in order to remove a cell from the active set. The drop window of cells in event 1B is controlled with parameters Drop Window and Drop Time. Only the SRNC can update the counter. The counter is updated in every cell (including the removed cell itself) that is, in the active set on SRNC side when the RNC receives the measurement report.	nkcttbh, nkrttbh, tot
cell_replacement_failure_on_sho_for_rt_traffic	nok_soft_handover_rt_tab.rv264ehahl26seccb00hw01qk4	INT8	#	A number of cell replacement failures on SHO for RT traffic. When a mobile station sends an event triggered (event 1C) periodic measurement report to the RNC in order to replace a cell in the active set with a non active cell. The event 1C triggered periodic reporting is controlled with	Sum, nkcttbh, nkrttbh, tot

				parameters Replacement Window and Replacement Reporting Interval. Only the serving RNC (SRNC) can update the counter. This counter is updated in every cell that is in the active set on SRNC side when the RNC receives the measurement report. This counter is not updated in the non active cell that triggers the replacement request.	
cell_replacement_request_on_sho_for_rt_traffic	nok_soft_handover_rt_tab.rv0k1ipahl26seccb00hw01qk4	INT8	#	A number of cell replacement requests on SHO for RT traffic. When a mobile station sends a measurement report (event 1C) to the RNC in order to replace a cell in the active set with a non active cell. The event 1C is controlled with parameters Replacement Window and Replacement Time. Only the serving	Sum, nkcttbh, nkrttbh, tot

				RNC (SRNC) can update the counter. This counter is updated in every cell that is in the active set on SRNC side when the RNC receives the measurement report. This counter is not updated in the non active cell that triggers the replacement request.	
five_cells_in_the_active_set_for_rt_srnc	nok_soft_handover_rt_tab.ruspm52ahl26seccb00hw01qk4	INTEGER	0.1s	- Obsolete in RN2.2 - A period of time when the cell belongs to an active set, the size of which is five. Only the serving RNC can update the counter. The unit value is 100 ms. This counter is updated in every cell including in the active set on serving R	Sum, nkcttbh, nkrttbh, tot
four_cells_in_the_active_set_for_rt_srnc	nok_soft_handover_rt_tab.rurv6vtahl26seccb00hw01qk4	INTEGER	0.1s	- Obsolete in RN2.2 - A period of time when the cell belongs to an active set, the size of which is four. Only the serving RNC can update the counter. The unit value is 100 ms. This counter is updated in every cell including in the active set on serving R	Sum, nkcttbh, nkrttbh, tot

high_ue_rx_tx_time_difference_for_rt	nok_soft_handover_rt_tab.rv4qn2xahl26seccb00hw01qk4	INT8	#	High UE Rx Tx time difference for RT When a UE sends the measurement report (event 6F) to the RNC in order to indicate that the UE Rx Tx time difference for a radio link has become larger than an absolute threshold. The absolute threshold for the event is controlled with a parameter Upper Rx Tx TD Threshold. Only the serving RNC (SRNC) can update the counter. This counter is updated only in the active set cell that triggers the reporting event 6F.	Sum, nkcttbh, nkrttbh, tot
inter_rnc_soft_ho_duration_on_the_drnc_side_for_rt_nrt_traffic	nok_soft_handover_rt_tab.rux0ku2ahl26seccb00hw01qk4	INTEGER	0.1s	A period of time during which the cell participates in inter RNC soft handover on drifting RNC (DRNC) side for RT/NRT traffic or the cell is controlled by other RNC than SRNC. NOTE, The DRNC	Sum, nkcttbh, nkrttbh, tot

				cannot separate RT and NRT traffic. Therefore, soft/softer HO durations are calculated together in the DRNC. Only the DRNC can update this counter. The unit value is100ms.	
inter_rnc_soft_ho_duration_on_the_srnc_side_for_rt_traffic	nok_soft_handover_rt_tab.ruw5r5hahl26seccb00hw01qk4	INTEGER	0.1s	A period of time during which the cell participates in inter RNC soft handover on serving RNC (SRNC) side for RT traffic. Only the SRNC may update this counter. The unit value is 100ms.	Sum, nkcttbh, nkrttbh, tot
low_ue_rx_tx_time_difference_for_rt	nok_soft_handover_rt_tab.rv5lcd2ahl26seccb00hw01qk4	INT8	#	Low UE Rx Tx time difference for RT. When the UE sends the measurement report (event 6G) to the RNC in order to indicate that the UE Rx Tx time difference for a radio link has become less than an absolute threshold. The absolute threshold for the event 6G is controlled with the parameter Lower Rx Tx TD Threshold. Only the serving RNC (SRNC) can update	Sum, nkcttbh, nkrttbh, tot

				the counter. This counter is updated only in the active set cell that triggers the reporting event 6G.	
one_cell_in_the_active_set_for_rt_srnc	nok_soft_handover_rt_tab.ruphu0pahl26seccb00hw01qk4	INTEGER	0.1s	A period of time when the cell belongs to an active set, the size of which is one. Only the serving RNC can update the counter. The unit value is 100 ms. This counter is updated in every cell including in the active set on serving RNC side for RT.	Sum, nkcttbh, nkrttbh, tot
six_cells_in_the_active_set_for_rt_srnc	nok_soft_handover_rt_tab.rutkqlhahl26seccb00hw01qk4	INTEGER	0.1s	- Obsolete in RN2.2 - A period of time when the cell belongs to an active set, the size of which is six. Only the serving RNC can update the counter. The unit value is 100 ms. This counter is updated in every cell including in the active set on serving RN	Sum, nkcttbh, nkrttbh, tot
softer_handover_duration_on_the_drnc_side_for_rt_nrt_tra	nok_soft_handover_rt_tab.ruvdmjlahl26seccb00hw01qk4	INT8	0.1s	Sum of time periods during which the cell	Sum, nkcttbh, nkrttbh,

ffic				participates in softer handover on DRNC side for RT/ NRT traffic.	tot
softer_handover_duration_on_the_srnc_side_for_rt_traffic	nok_soft_handover_rt_tab.ruugxy6ahl26seccb00hw01qk4	INTEGER	0.1s	A period of time during which the cell participates in softer handover on serving RNC (SRNC) side for RT traffic. Only the SRNC may update the counter. The unit value is 100ms.	Sum, nkcttbh, nkrttbh, tot
successful_active_set_updates_on_sho_for_rt_traffic	nok_soft_handover_rt_tab.rv31hdxahl26seccb00hw01qk4	INT8	#	A number of successful active set updates on SHO for RT traffic. When the RNC sends an active SET UPDATE message to the mobile station in order to add, replace or delete a radio link (or links) from the active set, and the mobile station acknowledges the messages by sending an active SET UPDATE COMPLETE message. Only the serving RNC (SRNC) can update the counter. In case of cell addition/replacement, the counter is updated in every cell that is in the active set on SRNC	Sum, nkcttbh, nkrttbh, tot

				side when the RNC sends the message. The counter is not updated in the cell that triggers the addition/replacement request. In case of cell deletion, the counter is updated in every cell (including the removed cell itself) that is in the active set on SRNC side when the RNC sends the ACTIVE SET UPDATE message.	
three_cells_in_the_active_set_for_rt_srnc	nok_soft_handover_rt_tab.rur2fthahl26seccb00hw01qk4	INTEGER	0.1s	A period of time when the cell belongs to an active set, the size of which is three. Only the serving RNC can update the counter. The unit value is 100 ms. This counter is updated in every cell including in the active set on serving RNC side for RT.	Sum, nkcttbh, nkrttbh, tot
tot_attempts_active_set_updates_on_sho_for_rt_traffic	({successful_active_set_updates_on_sho_for_rt_traffic}+ {unsuccessful_active_set_updates_on_sho_for_rt_traffic})	INT8	#	Total number active set updates attempts on SHO for RT traffic.	Sum, nkcttbh, nkrttbh, tot

two_cells_in_the_active_set_for_rt_srnc	nok_soft_handover_rt_tab.ruqbdxpahl26seccb00hw01qk4	INTEGER	0.1s	A period of time when the cell belongs to an active set, the size of which is two. Only the serving RNC can update the counter. The unit value is 100 ms. This counter is updated in every cell including in the active set on serving RNC side for RT.	Sum, nkcttbh, nkrttbh, tot
unsuccessful_active_set_updates_on_sho_for_rt_traffic	nok_soft_handover_rt_tab.rv3vc6pahl26seccb00hw01qk4	INT8	#	A number of unsuccessful active set updates on SHO for RT traffic. When the mobile station acknowledges the message with the ACTIVE SET UPDATE FAILURE message or the timer expires in the serving RNC. Only the serving RNC (SRNC) can update the counter. In case of cell addition/ replacement, the counter is updated in every cell that is in the active set on the SRNC side when the RNC sends the ACTIVE SET UPDATE message. The counter is not updated in the cell that triggers the	Sum, nkcttbh, nkrttbh, tot

				addition/replacement request. In case of cell deletion, the counter is updated in every cell (including there moved cell itself) that is in the active set on SRNC side when the RNC sends the ACTIVE SET UPDATE message.	

6.6.145Cell.Nokia.UMTS.soft_handovers_dsr

Soft handover DSR statistics

KPI Name	Expression	Data Type	Units	Description	Aggregation
cpich_ecno_det_denom	nok_nkne_shodsr_tab.xjvhe4rdmm2aicsd002uaxybdk	INTEGER	#	The number of 1A/1B/1C reports updated to counter M1028C0, used as a denominator for average calculation.	Sum, nkcttbh, nkrttbh, tot
cpich_ecno_det_sum	nok_nkne_shodsr_tab.xjvhe4pdmm2aicsd002uaxybdk	INTEGER	#	Sum of linearized CPICH Ec/No values of the unidentified detected set cells reported by the UE.	Sum, nkcttbh, nkrttbh, tot
cpich_rscp_det_denom	nok_nkne_shodsr_tab.xjvhe4vdmm2aicsd002uaxybdk	INTEGER	#	The number of 1A/1B/1C reports updated to counter M1028C2, used as a denominator for average calculation.	Sum, nkcttbh, nkrttbh, tot

cpich_rscp_det_sum	nok_nkne_shodsr_tab.xjvhe4tdmm2aicsd002uaxybdk	INTEGER	#	Sum of CPICH RSCP values of the unidentified detected set cells reported by the UE.	Sum, nkcttbh, nkrttbh, tot

6.6.146Cell.Nokia.UMTS.soft_handover

Soft handover measurements

KPI Name	Expression	Data Type	Units	Description	Aggregation
_%_cell_addition_success_to_edch_active_set	100 * {cell_addition_success_to_edch_active_set}/ ({cell_addition_attempt_req_by_ue_to_edch_as}+ {cell_addition_attempt_retry_to_edch_as})	FLOAT	%	The percentage of cells successfully added to E-DCH active set.	Average, avg, nkcttbh, nkrttbh
cell_addition_attempt_req_by_ue_to_edch_as	nok_soft_handover_tab.uaqad4r1im2ahsxr0035xkcuai	INTEGER	#	The number of cell addition attempts to E-DCH active set due to UE reporting event 1A or 1C.	Sum, nkcttbh, nkrttbh, tot
cell_addition_attempt_retry_to_edch_as	nok_soft_handover_tab.uaqad4x1im2ahsxr0035xkcuai	INTEGER	#	The number of cell addition attempts to E-DCH active set due to retry timer.	Sum, nkcttbh, nkrttbh, tot
cell_addition_failure_on_sho_for_hsdpa_mobility	nok_soft_handover_tab.xdi26kfafq2ahdvuj02uauibev	INTEGER	#	Cell Addition Requests failed on SHO for HSDPA.	Sum, nkcttbh, nkrttbh, tot
cell_addition_request_on_sho_for_hsdpa_mobility	nok_soft_handover_tab.v2add151xl2ahcwxr00pg3rx00	INTEGER	#	Cell Addition Requests on SHO for HSDPA.	Sum, nkcttbh, nkrttbh, tot
cell_addition_success_to_edch_active_set	nok_soft_handover_tab.uaqad4t1im2ahsxr0035xkcuai	INTEGER	#	The number of cells successfully added to E-DCH active set.	Sum, nkcttbh, nkrttbh, tot
cell_deletion_failur	nok_soft_handover_tab.xdi	INTEG	#	Cell Deletion	Sum,

e_on_sho_for_hsdpa_mobility	26khafq2ahdvuj02uauibev	ER		Requests failed on SHO for HSDPA.	nkcttbh, nkrttbh, tot
cell_deletion_request_on_sho_for_hsdpa_mobility	nok_soft_handover_tab.xdi26kbafq2ahdvuj02uauibev	INTEGER	#	Cell Deletion Requests on SHO for HSDPA.	Sum, nkcttbh, nkrttbh, tot
cell_not_added_to_edch_active_set_but_added_to_dch_as	nok_soft_handover_tab.uaqad4v1im2ahsxr0035xkcuai	INTEGER	#	The number of times when the cell could not be added to E-DCH active set but addition to DCH active set was successful.	Sum, nkcttbh, nkrttbh, tot
cell_replacement_failure_on_sho_for_hsdpa_mobility	nok_soft_handover_tab.xdi26kjafq2ahdvuj02uauibev	INTEGER	#	Cell Replacement Requests failed on SHO for HSDPA.	Sum, nkcttbh, nkrttbh, tot
cell_replacement_request_on_sho_for_hsdpa_mobility	nok_soft_handover_tab.xdi26kdafq2ahdvuj02uauibev	INTEGER	#	Cell Replacement Requests on SHO for HSDPA.	Sum, nkcttbh, nkrttbh, tot
cell_specific_cpich_ec_no_class_0	nok_soft_handover_tab.xdi26jdafq2ahdvuj02uauibev	INTEGER	#	The number of received 1A intra-frequency measurement reports in which the CPICH Ec/No value is inside Class 0 range. The CPICH Ec/No measuring is done only for the best cell in the active set, i.e. the cell in the AS with the highest Ec/No value.	Sum, nkcttbh, nkrttbh, tot

This edition applies to IBM® Tivoli® Netcool® Performance Manager for Wireless and to all subsequent releases and modifications until otherwise indicated in new editions.

cell_specific_cpich_ec_no_class_1	nok_soft_handover_tab.xdi26jfafq2ahdvuj02uauibev	INTEGER	#	The number of received 1A intra-frequency measurement reports in which the CPICH Ec/No value is inside Class 1 range. The CPICH Ec/No measuring is done only for the best cell in the active set, i.e. the cell in the AS with the highest Ec/No value.	Sum, nkcttbh, nkrttbh, tot
cell_specific_cpich_ec_no_class_2	nok_soft_handover_tab.xdi26jhafq2ahdvuj02uauibev	INTEGER	#	The number of received 1A intra-frequency measurement reports in which the CPICH Ec/No value is inside Class 2 range. The CPICH Ec/No measuring is done only for the best cell in the active set, i.e. the cell in the AS with the highest Ec/No value.	Sum, nkcttbh, nkrttbh, tot
cell_specific_cpich_ec_no_class_3	nok_soft_handover_tab.xdi26jjafq2ahdvuj02uauibev	INTEGER	#	The number of received 1A intra-frequency measurement reports in which the CPICH Ec/No value is inside Class 3 range. The CPICH Ec/No measuring is done only for the best cell in the active set, i.e. the cell in	Sum, nkcttbh, nkrttbh, tot

				the AS with the highest Ec/No value.	
cell_specific_cpich_ec_no_class_4	nok_soft_handover_tab.xdi26jlafq2ahdvuj02uauibev	INTEGER	#	The number of received 1A intra-frequency measurement reports in which the CPICH Ec/No value is inside Class 4 range. The CPICH Ec/No measuring is done only for the best cell in the active set, i.e. the cell in the AS with the highest Ec/No value.	Sum, nkcttbh, nkrttbh, tot
cell_specific_cpich_ec_no_class_5	nok_soft_handover_tab.xdi26jnafq2ahdvuj02uauibev	INTEGER	#	The number of received 1A intra-frequency measurement reports in which the CPICH Ec/No value is inside Class 5 range. The CPICH Ec/No measuring is done only for the best cell in the active set, i.e. the cell in the AS with the highest Ec/No value.	Sum, nkcttbh, nkrttbh, tot
cell_specific_cpich_ec_no_class_6	nok_soft_handover_tab.xdi26jpafq2ahdvuj02uauibev	INTEGER	#	The number of received 1A intra-frequency measurement	Sum, nkcttbh, nkrttbh, tot

				reports in which the CPICH Ec/No value is inside Class 6 range. The CPICH Ec/No measuring is done only for the best cell in the active set, i.e. the cell in the AS with the highest Ec/No value.	
cell_specific_cpich_ec_no_class_7	nok_soft_handover_tab.xdi26jrafq2ahdvuj02uauibev	INTEGER	#	The number of received 1A intra-frequency measurement reports in which the CPICH Ec/No value is inside Class 7 range. The CPICH Ec/No measuring is done only for the best cell in the active set, i.e. the cell in the AS with the highest Ec/No value.	Sum, nkcttbh, nkrttbh, tot
cell_specific_cpich_ec_no_class_8	nok_soft_handover_tab.xdi26jtafq2ahdvuj02uauibev	INTEGER	#	The number of received 1A intra-frequency measurement reports in which the CPICH Ec/No value is inside Class 8 range. The CPICH Ec/No measuring is done only for the best cell in the active set, i.e. the cell in the AS with the highest Ec/No value.	Sum, nkcttbh, nkrttbh, tot

cell_specific_cpich_ec_no_class_9	nok_soft_handover_tab.xdi26jvafq2ahdvuj02uauibev	INTEGER	#	The number of received 1A intra-frequency measurement reports in which the CPICH Ec/No value is inside Class 9 range. The CPICH Ec/No measuring is done only for the best cell in the active set, i.e. the cell in the AS with the highest Ec/No value.	Sum, nkcttbh, nkrttbh, tot
high_ue_rx_tx_time_difference_for_hsdpa_mobility	nok_soft_handover_tab.xdi26kpafq2ahdvuj02uauibev	INTEGER	#	The number of high UE Rx- Tx time difference for HSDPA mobility.	Sum, nkcttbh, nkrttbh, tot
inter_rnc_soft_handover_duration_on_the_srnc_side_for_hsdpa_mobility	nok_soft_handover_tab.xdi26k6afq2ahdvuj02uauibev	INTEGER	0.1s	Inter-RNC soft HO duration on the SRNC side for HSDPA.	Sum, nkcttbh, nkrttbh, tot
low_ue_rx_tx_time_difference_for_hsdpa_mobility	nok_soft_handover_tab.xdi26krafq2ahdvuj02uauibev	INTEGER	#	The number of low UE Rx- Tx time difference for HSDPA mobility.	Sum, nkcttbh, nkrttbh, tot
one_cell_in_the_active_set_for_hsdpa_mobility	nok_soft_handover_tab.xdi26jxafq2ahdvuj02uauibev	INTEGER	0.1s	The sum of time periods the one cell in Active Set during the HSDPA SHO.	Sum, nkcttbh, nkrttbh, tot
setup_fail_sho_branch_bts	nok_soft_handover_tab.xdrxatfdmm2aicsd002uaxybdk	INTEGER	#	The number of soft handover branch setup failures due to BTS. This counter is updated	Sum, nkcttbh, nkrttbh, tot

				for the cell(s) where the failure occurred.	
setup_fail_sho_branch_iub	nok_soft_handover_tab.xdrxathdmm2aicsd002uaxybdk	INTEGER	#	The number of soft handover branch setup failures due to Iub transmission. This counter is updated for the cell(s) where the failure occurred.	Sum, nkcttbh, nkrttbh, tot
softer_handover_duration_on_the_srnc_side_for_hsdpa_mobility	nok_soft_handover_tab.xdi26k4afq2ahdvuj02uauibev	INTEGER	0.1s	Softer HO duration on the SRNC side for HSDPA.	Sum, nkcttbh, nkrttbh, tot
softer_handover_duration_on_the_srnc_side_for_hsupa_mobility	nok_soft_handover_tab.uaqad4p1im2ahsxr0035xkcuai	INTEGER	#	E-DCH softer handover duration.	Sum, nkcttbh, nkrttbh, tot
successful_active_set_updates_on_sho_for_hsdpa_mobility	nok_soft_handover_tab.xdi26klafq2ahdvuj02uauibev	INTEGER	#	The number of successful Active Set Updates on SHO for HSDPA.	Sum, nkcttbh, nkrttbh, tot
three_cells_in_the_active_set_for_hsdpa_mobility	nok_soft_handover_tab.xdi26k2afq2ahdvuj02uauibev	INTEGER	0.1s	The sum of time periods three cells in Active Set during the HSDPA SHO.	Sum, nkcttbh, nkrttbh, tot
two_cells_in_the_active_set_for_hsdpa_mobility	nok_soft_handover_tab.xdi26k0afq2ahdvuj02uauibev	INTEGER	0.1s	The sum of time periods two cells in Active Set during the HSDPA SHO.	Sum, nkcttbh, nkrttbh, tot
unsuccessful_active_set_updates_on_sho_for_hsdpa_mobility	nok_soft_handover_tab.xdi26knafq2ahdvuj02uauibev	INTEGER	#	The number of unsuccessful Active Set Updates on SHO for HSDPA.	Sum, nkcttbh, nkrttbh, tot

6.6.147Cell.Nokia.UMTS.traffic_dch_requests_cs_data_calls_srnc

Traffic - DCH requests for CS data services at SRNC statistics

KPI Name	Expression	Data Type	Units	Description	Aggregation
rt_dch_dho_req_for_cs_data_call_conv_class_in_srnc	nok_nkcel_tfdchrqcssr_tab.scybiu2ahl26seccb00hw01qk4	INT8	#	Total number of RT DCH requests for a transparent CS Data Call with conversational class due to diversity handover in the SRNC.	Sum, nkcttbh, nkrttbh, tot
rt_dch_dho_req_for_cs_data_call_conv_class_reject_in_srnc	nok_nkcel_tfdchrqcssr_tab.sd06hdxahl26seccb00hw01qk4	INT8	#	Total number of RT DCH requests for a transparent CS Data Call(on SRNC side)rejected for reasons caused by radio resources in the target cell of diversity handover.	Sum, nkcttbh, nkrttbh, tot
rt_dch_dho_req_for_cs_data_call_stream_class_in_srnc	nok_nkcel_tfdchrqcssr_tab.sd11tehahl26seccb00hw01qk4	INT8	#	Total number of RT DCH requests for a non transparent CS Data Call with streaming class due to diversity handover in the SRNC.	Sum, nkcttbh, nkrttbh, tot
rt_dch_dho_req_for_cs_data_call_stream_class_reject_in_srnc	nok_nkcel_tfdchrqcssr_tab.sd1yan2ahl26seccb00hw01qk4	INT8	#	Total number of RT DCH requests for a non transparent CS Data Call with streaming class (SRNC side) rejected for reasons caused by radio resources in the target cell of diversity handover.	Sum, nkcttbh, nkrttbh, tot

This edition applies to IBM® Tivoli® Netcool® Performance Manager for Wireless and to all subsequent releases and modifications until otherwise indicated in new editions.

rt_dch_hho_req_for_cs_data_call_conv_class_in_srnc	nok_nkcel_tfdchrqcssr_tab.sd2w20pahl26seccb00hw01qk4	INT8	#	Total number of RT DCH requests for transparent CS data call with conversational class due to the hard handover in SRNC	Sum, nkcttbh, nkrttbh, tot
rt_dch_hho_req_for_cs_data_call_conv_class_reject_in_srnc	nok_nkcel_tfdchrqcssr_tab.sd3u1jhahl26seccb00hw01qk4	INT8	#	Total number of RT DCH requests for transparent CS data call with conversational class (on SRNC side) rejected for radio resource reasons in the target cell of the hard handover	Sum, nkcttbh, nkrttbh, tot
rt_dch_hho_req_for_cs_data_call_stream_class_in_srnc	nok_nkcel_tfdchrqcssr_tab.sd4qsjhahl26seccb00hw01qk4	INT8	#	Total number of RT DCH requests for transparent CS data call with streaming class due to the hard handover in SRNC	Sum, nkcttbh, nkrttbh, tot
rt_dch_hho_req_for_cs_data_call_stream_class_reject_in_srnc	nok_nkcel_tfdchrqcssr_tab.sd5nr4xahl26seccb00hw01qk4	INT8	#	Total number of RT DCH requests for transparent CS data call with streaming class (on SRNC side) rejected for radio resource reasons in the target cell of the hard handover	Sum, nkcttbh, nkrttbh, tot
rt_dch_ini_req_for_cs_data_call_conv_class_in_srnc	nok_nkcel_tfdchrqcssr_tab.scwg5cdahl26seccb00hw01qk4	INT8	#	Total number of initial RT DCH requests for transparent CS Data Calls with conversational class in the SRNC.	Sum, nkcttbh, nkrttbh, tot
rt_dch_ini_req_for_cs_data_call_stream_class_in_srnc	nok_nkcel_tfdchrqcssr_tab.scxer4hahl26seccb00hw01qk4	INT8	#	Total number of initial RT DCH requests for non	Sum, nkcttbh, nkrttbh,

				transparent CS Data Calls with streaming class in the SRNC.	tot
rt_dch_req_for_cs_data_call_conv_class_in_srnc	nok_nkcel_tfdchrqcssr_tab.scr1fvdahl26seccb00hw01qk4	INT8	#	Total number of RT DCH requests for a transparent CS Data Call with conversational class in the SRNC.	Sum, nkcttbh, nkrttbh, tot
rt_dch_req_for_cs_data_call_conv_class_reject_in_dl_in_srnc	nok_nkcel_tfdchrqcssr_tab.sctora2ahl26seccb00hw01qk4	INT8	#	Total number of rejected RT DCH requests for a transparent CS Data Call with conversational class in the SRNC for reasons caused by DL radio resources.	Sum, nkcttbh, nkrttbh, tot
rt_dch_req_for_cs_data_call_conv_class_reject_in_ul_in_srnc	nok_nkcel_tfdchrqcssr_tab.scsrfldahl26seccb00hw01qk4	INT8	#	Total number of rejected RT DCH requests for a transparent CS Data Call with conversational class in the SRNC for reasons caused by UL radio resources.	Sum, nkcttbh, nkrttbh, tot
rt_dch_req_for_cs_data_call_stream_class_in_srnc	nok_nkcel_tfdchrqcssr_tab.scrx32tahl26seccb00hw01qk4	INT8	#	Total number of RT DCH requests for a non transparent CS Data Call with streaming class in the SRNC.	Sum, nkcttbh, nkrttbh, tot
rt_dch_req_for_cs_data_call_stream_class_reject_in_dl_in_srnc	nok_nkcel_tfdchrqcssr_tab.scvhphdahl26seccb00hw01qk4	INT8	#	Total number of rejected RT DCH requests for anon transparent CS Data	Sum, nkcttbh, nkrttbh, tot

				Call with streaming class in the SRNC for reasons caused by DL radio resources.	
rt_dch_req_for_cs_data_call_stream_class_reject_in_ul_in_srnc	nok_nkcel_tfdchrqcssr_tab.sculwnhahl26seccb00hw01qk4	INT8	#	Total number of rejected RT DCH requests for anon transparent CS Data Call with streaming class in the SRNC for reasons caused by UL radio resources.	Sum, nkcttbh, nkrttbh, tot

6.6.148Cell.Nokia.UMTS.traffic.allocations_compressed_mode.srnc

Traffic - Compressed mode allocation statistics

KPI Name	Expression	Data Type	Units	Description	Aggregation
allo_dura_for_com_mode_dl_to_int_freq_hho_in_srnc	nok_nkcel_tfalcompmdsr_tab.rvgej02ahl26seccb00hw01qk4	INTEGER	Sec	Allocated durations for a compressed mode in DL to Inter Frequency HHO in SRNC	Average, avg, max, min, nkcttbh, nkrttbh, tot
allo_dura_for_com_mode_dl_to_int_sys_hho_in_srnc	nok_nkcel_tfalcompmdsr_tab.rvjr6ddahl26seccb00hw01qk4	INTEGER	Sec	Allocated durations for a compressed mode in DL to Inter System HHO in SRNC	Average, avg, max, min, nkcttbh, nkrttbh, tot
allo_dura_for_com_mode_dl_using_hls_method_in_srnc	nok_nkcel_tfalcompmdsr_tab.rvqin1pahl26seccb00hw01qk4	INT8	10ms	Summary of allocated durations for compressed mode in DL using the high layer scheduling method in SRNC.	Sum, nkcttbh, nkrttbh, tot
allo_dura_for_com_mode_dl_using_sf	nok_nkcel_tfalcompmdsr_tab.rvosklpahl26seccb00hw	INT8	10ms	Summary of allocated durations	Sum, nkcttbh,

2_method_in_srnc	01qk4			for compressed mode in DL using the SF/2 method in SRNC.	nkrttbh, tot
allo_dura_for_com_mode_ul_to_int_freq_hho_in_srnc	nok_nkcel_tfalcompmdsr_tab.rvfivytahl26seccb00hw01qk4	INTEGER	Sec	Allocated durations for a compressed mode in UL to Inter Frequency HHO in SRNC	Average, avg, max, min, nkcttbh, nkrttbh, tot
allo_dura_for_com_mode_ul_to_int_sys_hho_in_srnc	nok_nkcel_tfalcompmdsr_tab.rviw202ahl26seccb00hw01qk4	INTEGER	Sec	Allocated durations for a compressed mode in UL to Inter System HHO in SRNC	Average, avg, max, min, nkcttbh, nkrttbh, tot
allo_dura_for_com_mode_ul_using_hls_method_in_srnc	nok_nkcel_tfalcompmdsr_tab.rvponbtahl26seccb00hw01qk4	INT8	10ms	Summary of allocated durations for compressed mode in UL using the high layer scheduling method in SRNC.	Sum, nkcttbh, nkrttbh, tot
allo_dura_for_com_mode_ul_using_sf2_method_in_srnc	nok_nkcel_tfalcompmdsr_tab.rvnx4ldahl26seccb00hw01qk4	INT8	10ms	Summary of allocated durations for compressed mode in UL using the SF/2 method in SRNC.	Sum, nkcttbh, nkrttbh, tot
allo_for_com_mode_dl_to_int_freq_hho_in_srnc	nok_nkcel_tfalcompmdsr_tab.rveodvpahl26seccb00hw01qk4	INT8	#	Allocations for a compressed mode in DL to Inter Frequency HHO in SRNC	Sum, nkcttbh, nkrttbh, tot
allo_for_com_mode_dl_to_int_sys_hho_in_srnc	nok_nkcel_tfalcompmdsr_tab.rvi0uudahl26seccb00hw01qk4	INT8	#	Allocations for a compressed mode in DL to Inter	Sum, nkcttbh, nkrttbh,

				System HHO in SRNC	tot
allo_for_com_mode_dl_using_hls_method_in_srnc	nok_nkcel_tfalcompmdsr_tab.rvn2w0dahl26seccb00hw01qk4	INT8	#	The number of allocations for compressed mode in DL using the high layer scheduling method in SRNC.	Sum, nkcttbh, nkrttbh, tot
allo_for_com_mode_dl_using_sf2_method_in_srnc	nok_nkcel_tfalcompmdsr_tab.rvlgbv2ahl26seccb00hw01qk4	INT8	#	The number of allocations for compressed mode in DL using the SF/2 method in SRNC.	Sum, nkcttbh, nkrttbh, tot
allo_for_com_mode_ul_to_int_freq_hho_in_srnc	nok_nkcel_tfalcompmdsr_tab.rvdugj2ahl26seccb00hw01qk4	INT8	#	Allocations for a compressed mode in UL to Inter Frequency HHO in SRNC	Sum, nkcttbh, nkrttbh, tot
allo_for_com_mode_ul_to_int_sys_hho_in_srnc	nok_nkcel_tfalcompmdsr_tab.rvh6qb2ahl26seccb00hw01qk4	INT8	#	Allocations for a compressed mode in UL to Inter System HHO in SRNC	Sum, nkcttbh, nkrttbh, tot
allo_for_com_mode_ul_using_hls_method_in_srnc	nok_nkcel_tfalcompmdsr_tab.rvmb6f6ahl26seccb00hw01qk4	INT8	#	The number of allocations for compressed mode in UL using the high layer scheduling method in SRNC.	Sum, nkcttbh, nkrttbh, tot
allo_for_com_mode_ul_using_sf2_method_in_srnc	nok_nkcel_tfalcompmdsr_tab.rvklf5lahl26seccb00hw01qk4	INT8	#	The number of allocations for compressed mode in UL using the SF/2 method in SRNC.	Sum, nkcttbh, nkrttbh, tot

6.6.149Cell.Nokia.UMTS.traffic.amr_codec_mode

AMR codec statistics

KPI Name	Expression	Data	Units	Description	Aggregati

		Type			on
amr_codec_change_fail_icsu	nok_traf_amrcodmod_tab.xdrxak4dmm2aicsd002uaxybdk	INTEGER	#	The number of AMR codec changes prevented by the ICSU unit load.	Sum, nkcttbh, nkrttbh, tot
amr_codec_change_fail_other	nok_traf_amrcodmod_tab.xdrxak6dmm2aicsd002uaxybdk	INTEGER	#	The number of AMR codec changes that failed due to other reason than one of the following: ICSU load, other active set cells do not have the needed AMR mode set enabled, other active set cells are not in underload state, the active set has changed during the last five seconds or another parallel procedure is ongoing for the same UE.	Sum, nkcttbh, nkrttbh, tot
amr_lower_codec_sf128_inc	nok_traf_amrcodmod_tab.xdrxajtdmm2aicsd002uaxybdk	INTEGER	#	The number of times when AMR codec mode set {5.9, 4.75} on SF128 is selected for an incoming call.	Sum, nkcttbh, nkrttbh, tot
amr_lower_codec_sf256_inc	nok_traf_amrcodmod_tab.xdrxajvdmm2aicsd002uaxybdk	INTEGER	#	The number of times when AMR codec mode set {5.9, 4.75} on SF256 is selected	Sum, nkcttbh, nkrttbh, tot

				for an incoming call.	
load_amr_dgr_sf128_success	nok_traf_amrcodmod_tab.xdrxajxdmm2aicsd002uaxybdk	INTEGER	#	The number of successful load triggered AMR codec mode downgrades to set {5.9, 4.75} on SF128. This counter is updated only for the cell that triggered the codec downgrade.	Sum, nkcttbh, nkrttbh, tot
load_amr_dgr_sf256_success	nok_traf_amrcodmod_tab.xdrxak0dmm2aicsd002uaxybdk	INTEGER	#	The number of successful load triggered AMR codec mode downgrades to set {5.9, 4.75} on SF256.	Sum, nkcttbh, nkrttbh, tot
load_amr_upgrade_success	nok_traf_amrcodmod_tab.xdrxak2dmm2aicsd002uaxybdk	INTEGER	#	The number of AMR codec upgrades due to load thresholds.	Sum, nkcttbh, nkrttbh, tot

6.6.150Cell.Nokia.UMTS.traffic.amr_hspa_allocation

AMR HSPA allocation statistics

KPI Name	Expression	Data Type	Units	Description	Aggregation
allo_amr_multinrt_hspa	nok_nkcel_trafamhsall_tab.xdrxanddmm2aicsd002uaxybdk	INTEGER	#	The number of allocations for AMR + more than one NRT_HSPA.	Sum, nkcttbh, nkrttbh, tot
allo_amr_rt_multinrt_hspa	nok_nkcel_trafamhsall_tab.xdrxanjdmm2aicsd002uaxybdk	INTEGER	#	The number of allocations for AMR + RT_HSPA + more than one NRT_HSPA.	Sum, nkcttbh, nkrttbh, tot
allo_amr_rt_nrt_hspa	nok_nkcel_trafamhsall_tab.xdrxanhdmm2aicsd002uax	INTEGER	#	The number of allocations for	Sum, nkcttbh,

	ybdk			AMR + RT_HSPA + NRT_HSPA.	nkrttbh, tot
allo_multinrt_hspa	nok_nkcel_trafamhsall_tab.xdrxanfdmm2aicsd002uaxybdk	INTEGER	#	The number of allocations for more than one NRT_HSPA.	Sum, nkcttbh, nkrttbh, tot
allo_rt_multinrt_hspa	nok_nkcel_trafamhsall_tab.xdrxanndmm2aicsd002uaxybdk	INTEGER	#	The number of allocations for RT_HSPA + more than one NRT_HSPA.	Sum, nkcttbh, nkrttbh, tot
allo_rt_nrt_hspa	nok_nkcel_trafamhsall_tab.xdrxanldmm2aicsd002uaxybdk	INTEGER	#	The number of allocations for RT_HSPA + NRT_HSPA.	Sum, nkcttbh, nkrttbh, tot

6.6.151Cell.Nokia.UMTS.traffic.compressed_mode_hsdpa_users

Compressed mode allocation for HSDPA users statistics

KPI Name	Expression	Data Type	Units	Description	Aggregation
allo_cm_hsdpa_ifho	nok_nkcel_compmhsdusr_tab.xdrxanpdmm2aicsd002uaxybdk	INTEGER	#	The number of successful compressed mode allocations for HSDPA users triggered by inter-frequency measurements.	Sum, nkcttbh, nkrttbh, tot
allo_dura_cm_hsdpa_ifho	nok_nkcel_compmhsdusr_tab.xdrxanrdmm2aicsd002uaxybdk	INTEGER	#	The allocation duration of compressed mode for HSDPA users triggered by inter-frequency measurements.	Sum, nkcttbh, nkrttbh, tot

This edition applies to IBM® Tivoli® Netcool® Performance Manager for Wireless and to all subsequent releases and modifications until otherwise indicated in new editions.

rej_cm_hsdpa_ifho	nok_nkcel_compmhsdusr_tab.xdrxantdmm2aicsd002uaxybdk	INTEGER	#	The number of rejected compressed mode requests for HSDPA users triggered by inter-frequency measurements.	Sum, nkcttbh, nkrttbh, tot

6.6.152Cell.Nokia.UMTS.traffic.dch_allocations_cs_data_calls.srnc

Traffic - DCH allocation for CS data services at SRNC statistics

KPI Name	Expression	Data Type	Units	Description	Aggregation
dl_non_transparent_cs_data_throughput	nok_nkcel_tfdcalcsdtcsr_tab.rwdk0uxahl26seccb00hw01qk4	FLOAT	kbps	Non Transparent Circuit switched data throughput Downlink (kbps/Second)	Average, avg, max, min, nkcttbh, nkrttbh, tot
rt_dch_allo_dur_for_nontrans_cs_data_stream_14_4_kbps_dl_srnc	nok_nkcel_tfdcalcsdtcsr_tab.rw6gogdahl26seccb00hw01qk4	INTEGER	10ms	[rt_dch_allo_dur_for_nontrans_cs_data_stream_class_14_4_kbps_in_dl_in_srnc] - 14.4 kbps RT DCH allocations for non transparent CS Data Calls in DL with streaming class	Average, avg, max, min, nkcttbh, nkrttbh, tot
rt_dch_allo_dur_for_nontrans_cs_data_stream_14_4_kbps_ul_srnc	nok_nkcel_tfdcalcsdtcsr_tab.rw45i0tahl26seccb00hw01qk4	INTEGER	10ms	[rt_dch_allo_dur_for_nontrans_cs_data_stream_class_14_4_kbps_in_ul_in_srnc] - 14.4 kbps RT DCH allocations for non transparent CS Data Calls in UL with streaming class	Average, avg, max, min, nkcttbh, nkrttbh, tot
rt_dch_allo_dur_for_nontrans_cs_data_stream_28_8_kbp	nok_nkcel_tfdcalcsdtcsr_tab.rwa6falahl26seccb00hw01qk4	INTEGER	10ms	- Obsolete in RN2.2 - [rt_dch_allo_dur_fo	Average, avg, max, min,

s_dl_srnc				r_nontrans_cs_data_stream_class_28_8_kbps_in_dl_in_srnc] - 28.8 kbps RT DCH allocations for non transparent CS Data Calls in DL with streaming class	nkcttbh, nkrttbh, tot
rt_dch_allo_dur_for_nontrans_cs_data_stream_28_8_kbps_ul_srnc	nok_nkcel_tfdcalcsdtcsr_tab.rw4wy3hahl26seccb00hw01qk4	INTEGER	10ms	- Obsolete in RN2.2 - [rt_dch_allo_dur_for_nontrans_cs_data_stream_class_28_8_kbps_in_ul_in_srnc] - 28.8 kbps RT DCH allocations for non transparent CS Data Calls in UL with streaming class	Average, avg, max, min, nkcttbh, nkrttbh, tot
rt_dch_allo_dur_for_nontrans_cs_data_stream_57_6_kbps_dl_srnc	nok_nkcel_tfdcalcsdtcsr_tab.rwaxm3tahl26seccb00hw01qk4	INTEGER	10ms	[rt_dch_allo_dur_for_nontrans_cs_data_stream_class_57_6_kbps_in_dl_in_srnc] - 56.7 kbps RT DCH allocations for non transparent CS Data Calls in DL with streaming class	Average, avg, max, min, nkcttbh, nkrttbh, tot
rt_dch_allo_dur_for_nontrans_cs_data_stream_57_6_kbps_ul_srnc	nok_nkcel_tfdcalcsdtcsr_tab.rw5o62hahl26seccb00hw01qk4	INTEGER	10ms	[rt_dch_allo_dur_for_nontrans_cs_data_stream_class_57_6_kbps_in_ul_in_srnc] - 56.7 kbps RT DCH allocations for non transparent CS Data Calls in	Average, avg, max, min, nkcttbh, nkrttbh, tot

This edition applies to IBM® Tivoli® Netcool® Performance Manager for Wireless and to all subsequent releases and modifications until otherwise indicated in new editions.

				UL with streaming class	
rt_dch_allo_dur_for_trans_cs_data_conv_class_28_8_kbps_in_srnc	nok_nkcel_tfdcalcsdtcsr_tab.rvupbltahl26seccb00hw01qk4	INTEGER	10ms	- Obsolete in RN2.2 - Duration of 28.8 kbps RT DCH allocations for transparent CS Data Calls with conversational class	Average, avg, max, min, nkcttbh, nkrttbh, tot
rt_dch_allo_dur_for_trans_cs_data_conv_class_32_kbps_in_srnc	nok_nkcel_tfdcalcsdtcsr_tab.rvvk6ypahl26seccb00hw01qk4	INTEGER	10ms	- Obsolete in RN2.2 - Duration of 32 kbps RT DCH allocations for transparent CS Data Calls with conversational class	Average, avg, max, min, nkcttbh, nkrttbh, tot
rt_dch_allo_dur_for_trans_cs_data_conv_class_33_6_kbps_in_srnc	nok_nkcel_tfdcalcsdtcsr_tab.rvwe32hahl26seccb00hw01qk4	INTEGER	10ms	- Obsolete in RN2.2 - Duration of 33.6 kbps RT DCH allocations for transparent CS Data Calls with conversational class	Average, avg, max, min, nkcttbh, nkrttbh, tot
rt_dch_allo_dur_for_trans_cs_data_conv_class_64_kbps_in_srnc	nok_nkcel_tfdcalcsdtcsr_tab.rvx5xq6ahl26seccb00hw01qk4	INTEGER	10ms	Duration of 64 kbps RT DCH allocations for transparent CS Data Calls with conversational class	Average, avg, max, min, nkcttbh, nkrttbh, tot
rt_dch_allo_for_nontrans_cs_data_stream_class_14_4_kbps_in_dl_in_srnc	nok_nkcel_tfdcalcsdtcsr_tab.rw1r4vxahl26seccb00hw01qk4	INT8	#	14.4 kbps RT DCH allocations for non transparent CS Data Calls in DL with streaming class	Sum, nkcttbh, nkrttbh, tot
rt_dch_allo_for_nontrans_cs_data_stream_class_14_4_kbps_in_ul_in_srnc	nok_nkcel_tfdcalcsdtcsr_tab.rvybcdtahl26seccb00hw01qk4	INT8	#	14.4 kbps RT DCH allocations for non transparent CS Data Calls in UL with streaming class	Sum, nkcttbh, nkrttbh, tot
rt_dch_allo_for_nontrans_cs_data_stre	nok_nkcel_tfdcalcsdtcsr_tab.rw2mhw2ahl26seccb00h	INT8	#	- Obsolete in RN2.2 - 28.8 kbps RT	Sum, nkcttbh,

am_class_28_8_kbps_in_dl_in_srnc	w01qk4			DCH allocations for non transparent CS Data Calls in DL with streaming class	nkrttbh, tot
rt_dch_allo_for_nontrans_cs_data_stream_class_28_8_kbps_in_ul_in_srnc	nok_nkcel_tfdcalcsdtcsr_tab.rw03rqhahl26seccb00hw01qk4	INT8	#	- Obsolete in RN2.2 - 28.8 kbps RT DCH allocations for non transparent CS Data Calls in UL with streaming class	Sum, nkcttbh, nkrttbh, tot
rt_dch_allo_for_nontrans_cs_data_stream_class_56_7_kbps_in_dl_in_srnc	nok_nkcel_tfdcalcsdtcsr_tab.rw3g6pxahl26seccb00hw01qk4	INT8	#	56.7 kbps RT DCH allocations for non transparent CS Data Calls in DL with streaming class	Sum, nkcttbh, nkrttbh, tot
rt_dch_allo_for_nontrans_cs_data_stream_class_56_7_kbps_in_ul_in_srnc	nok_nkcel_tfdcalcsdtcsr_tab.rw0w35tahl26seccb00hw01qk4	INT8	#	56.7 kbps RT DCH allocations for non transparent CS Data Calls in UL with streaming class	Sum, nkcttbh, nkrttbh, tot
rt_dch_allo_for_trans_cs_data_conv_class_28_8_kbps_in_srnc	nok_nkcel_tfdcalcsdtcsr_tab.rvrdxo6ahl26seccb00hw01qk4	INT8	#	- Obsolete in RN2.2 - A number of 28.8 kbps RT DCH allocations for transparent CS Data Calls with conversational class	Sum, nkcttbh, nkrttbh, tot
rt_dch_allo_for_trans_cs_data_conv_class_32_kbps_in_srnc	nok_nkcel_tfdcalcsdtcsr_tab.rvsaeltahl26seccb00hw01qk4	INT8	#	- Obsolete in RN2.2 - A number of 32 kbps RT DCH allocations for transparent CS Data Calls with conversational class	Sum, nkcttbh, nkrttbh, tot
rt_dch_allo_for_tra	nok_nkcel_tfdcalcsdtcsr_ta	INT8	#	- Obsolete in RN2.2	Sum,

This edition applies to IBM® Tivoli® Netcool® Performance Manager for Wireless and to all subsequent releases and modifications until otherwise indicated in new editions.

ns_cs_data_conv_class_33_6_kbps_in_srnc	b.rvt22l6ahl26seccb00hw01qk4			- A number of 33.6 kbps RT DCH allocations for transparent CS Data Calls with conversational class	nkcttbh, nkrttbh, tot
rt_dch_allo_for_trans_cs_data_conv_class_64_kbps_in_srnc	nok_nkcel_tfdcalcsdtcsr_tab.rvtvashahl26seccb00hw01qk4	INT8	#	A number of 64 kbps RT DCH allocations for transparent CS Data Calls with conversational class	Sum, nkcttbh, nkrttbh, tot
transparent_cs_data_throughput	nok_nkcel_tfdcalcsdtcsr_tab.rwbsy16ahl26seccb00hw01qk4	FLOAT	kbps	Transparent Circuit switched data throughput Uplink and Downlink (kbps/Second)	Average, avg, max, min, nkcttbh, nkrttbh, tot
ul_non_transparent_cs_data_throughput	nok_nkcel_tfdcalcsdtcsr_tab.rwcoa5dahl26seccb00hw01qk4	FLOAT	kbps	Non Transparent Circuit switched data throughput Uplink (kbps/Second)	Average, avg, max, min, nkcttbh, nkrttbh, tot

6.6.153Cell.Nokia.UMTS.traffic.dch_allocations_cs_voice_calls.drnc

Traffic - DCH allocation for CS voice services at DRNC statistics

KPI Name	Expression	Data Type	Units	Description	Aggregation
rt_dch_allo_for_amr_10_2_kbps_in_dl_in_drnc	nok_nkcel_tfdcalcsvocdr_tab.rwqecmxahl26seccb00hw01qk4	INT8	#	Number of RT DCH allocations in the DRNC for AMR. AMR 10.2 kbps allocations in DL	Sum, nkcttbh, nkrttbh, tot
rt_dch_allo_for_amr_10_2_kbps_in_ul_in_drnc	nok_nkcel_tfdcalcsvocdr_tab.rwjie0xahl26seccb00hw01qk4	INT8	#	- Obsolete in RN2.2 - Number of RT DCH allocations in the DRNC for AMR. AMR 10.2	Sum, nkcttbh, nkrttbh, tot

				kbps allocations in UL	
rt_dch_allo_for_amr_12_2_kbps_in_dl_in_drnc	nok_nkcel_tfdcalcsvocdr_tab.rwra1lxahl26seccb00hw01qk4	INT8	#	Number of RT DCH allocation in the DRNC for AMR. AMR 12.2 kbps allocations in DL	Sum, nkcttbh, nkrttbh, tot
rt_dch_allo_for_amr_12_2_kbps_in_ul_in_drnc	nok_nkcel_tfdcalcsvocdr_tab.rwkcywhahl26seccb00hw01qk4	INT8	#	Number of RT DCH allocations in the DRNC for AMR. AMR 12.2 kbps allocations in UL	Sum, nkcttbh, nkrttbh, tot
rt_dch_allo_for_amr_4_75_kbps_in_dl_in_drnc	nok_nkcel_tfdcalcsvocdr_tab.rwl4b32ahl26seccb00hw01qk4	INT8	#	Number of RT DCH allocations in the DRNC for AMR. AMR 4.75 kbps allocations in DL	Sum, nkcttbh, nkrttbh, tot
rt_dch_allo_for_amr_4_75_kbps_in_ul_in_drnc	nok_nkcel_tfdcalcsvocdr_tab.rweh5i2ahl26seccb00hw01qk4	INT8	#	Number of RT DCH allocations in the DRNC for AMR. AMR 4.75 kbps allocations in UL	Sum, nkcttbh, nkrttbh, tot
rt_dch_allo_for_amr_5_15_kbps_in_dl_in_drnc	nok_nkcel_tfdcalcsvocdr_tab.rwm1f5xahl26seccb00hw01qk4	INT8	#	Number of RT DCH allocations in the DRNC for AMR. AMR 5.15 kbps allocations in DL	Sum, nkcttbh, nkrttbh, tot
rt_dch_allo_for_amr_5_15_kbps_in_ul_in_drnc	nok_nkcel_tfdcalcsvocdr_tab.rwfdjw6ahl26seccb00hw01qk4	INT8	#	Number of RT DCH allocations in the DRNC for AMR. AMR 5.15 kbps allocations in	Sum, nkcttbh, nkrttbh, tot

				UL	
rt_dch_allo_for_amr_5_9_kbps_in_dl_in_drnc	nok_nkcel_tfdcalcsvocdr_tab.rwmukwhahl26seccb00hw01qk4	INT8	#	Number of RT DCH allocations in the DRNC for AMR. AMR 5.9 kbps allocations in DL	Sum, nkcttbh, nkrttbh, tot
rt_dch_allo_for_amr_5_9_kbps_in_ul_in_drnc	nok_nkcel_tfdcalcsvocdr_tab.rwg5ynlahl26seccb00hw01qk4	INT8	#	Number of RT DCH allocations in the DRNC for AMR. AMR 5.9 kbps allocations in UL	Sum, nkcttbh, nkrttbh, tot
rt_dch_allo_for_amr_6_7_kbps_in_dl_in_drnc	nok_nkcel_tfdcalcsvocdr_tab.rwnqquxahl26seccb00hw01qk4	INT8	#	Number of RT DCH allocations in the DRNC for AMR. AMR 6.7 kbps allocations in DL	Sum, nkcttbh, nkrttbh, tot
rt_dch_allo_for_amr_6_7_kbps_in_ul_in_drnc	nok_nkcel_tfdcalcsvocdr_tab.rwh0su2ahl26seccb00hw01qk4	INT8	#	Number of RT DCH allocations in the DRNC for AMR. AMR 6.7 kbps allocations in UL	Sum, nkcttbh, nkrttbh, tot
rt_dch_allo_for_amr_7_4_kbps_in_dl_in_drnc	nok_nkcel_tfdcalcsvocdr_tab.rwome6tahl26seccb00hw01qk4	INT8	#	Number of RT DCH allocations in the DRNC for AMR. AMR 7.4 kbps allocations in DL	Sum, nkcttbh, nkrttbh, tot
rt_dch_allo_for_amr_7_4_kbps_in_ul_in_drnc	nok_nkcel_tfdcalcsvocdr_tab.rwhuc4tahl26seccb00hw01qk4	INT8	#	Number of RT DCH allocations in the DRNC for AMR. AMR 7.4 kbps allocations in UL	Sum, nkcttbh, nkrttbh, tot
rt_dch_allo_for_amr_7_95_kbps_in_dl_in_drnc	nok_nkcel_tfdcalcsvocdr_tab.rwpi5ttahl26seccb00hw01qk4	INT8	#	Number of RT DCH allocations in the DRNC for AMR. AMR 7.95	Sum, nkcttbh, nkrttbh, tot

				kbps allocations in DL	
rt_dch_allo_for_amr_7_95_kbps_in_ul_in_drnc	nok_nkcel_tfdcalcsvocdr_tab.rwin15tahl26seccb00hw01qk4	INT8	#	Number of RT DCH allocations in the DRNC for AMR. AMR 7.95 kbps allocations in UL	Sum, nkcttbh, nkrttbh, tot

6.6.154Cell.Nokia.UMTS.traffic.dch_allocations_cs_voice_calls.srnc

Traffic - DCH allocation for CS voice services at SRNC statistics

KPI Name	Expression	Data Type	Units	Description	Aggregation
rt_dch_allo_for_amr_10_2_kbps_in_dl_in_srnc	nok_nkcel_tfdcalcsvocsr_tab.rx5su2tahl26seccb00hw01qk4	INT8	#	- Obsolete in RN2.2 - A number of RT DCH allocations for AMR 10.2 kbps allocations in DL.	Sum, nkcttbh, nkrttbh, tot
rt_dch_allo_for_amr_10_2_kbps_in_ul_in_srnc	nok_nkcel_tfdcalcsvocsr_tab.rwxksfdahl26seccb00hw01qk4	INT8	#	- Obsolete in RN2.2 - A number of RT DCH allocations for AMR 10.2 kbps allocations in UL AMR calls may be asymmetric, i.e. There is need for separate UL and DL counters.	Sum, nkcttbh, nkrttbh, tot
rt_dch_allo_for_amr_12_2_kbps_in_dl_in_srnc	nok_nkcel_tfdcalcsvocsr_tab.rx6osr6ahl26seccb00hw01qk4	INT8	#	A number of RT DCH allocations for AMR 12.2 kbps allocations in DL.	Sum, nkcttbh, nkrttbh, tot
rt_dch_allo_for_amr_12_2_kbps_in_ul_in_srnc	nok_nkcel_tfdcalcsvocsr_tab.rwyhaqlahl26seccb00hw01qk4	INT8	#	A number of RT DCH allocations for AMR 12.2 kbps	Sum, nkcttbh, nkrttbh,

				allocations in UL.	tot
rt_dch_allo_for_amr_4_75_kbps_in_dl_in_srnc	nok_nkcel_tfdcalcsvocsr_tab.rx0gbqtahl26seccb00hw01qk4	INT8	#	A number of RT DCH allocations for AMR 4.75 kbps allocations in DL.	Sum, nkcttbh, nkrttbh, tot
rt_dch_allo_for_amr_4_75_kbps_in_ul_in_srnc	nok_nkcel_tfdcalcsvocsr_tab.rws46jpahl26seccb00hw01qk4	INT8	#	A number of RT DCH allocations for AMR 4.75 kbps allocations in UL.	Sum, nkcttbh, nkrttbh, tot
rt_dch_allo_for_amr_5_15_kbps_in_dl_in_srnc	nok_nkcel_tfdcalcsvocsr_tab.rx1ii2lahl26seccb00hw01qk4	INT8	#	- Obsolete in RN2.2 - A number of RT DCH allocations for AMR 5.15 kbps allocations in DL.	Sum, nkcttbh, nkrttbh, tot
rt_dch_allo_for_amr_5_15_kbps_in_ul_in_srnc	nok_nkcel_tfdcalcsvocsr_tab.rwt1etdahl26seccb00hw01qk4	INT8	#	- Obsolete in RN2.2 - A number of RT DCH allocations for AMR 5.15 kbps allocations in UL.	Sum, nkcttbh, nkrttbh, tot
rt_dch_allo_for_amr_5_9_kbps_in_dl_in_srnc	nok_nkcel_tfdcalcsvocsr_tab.rx2eqbdahl26seccb00hw01qk4	INT8	#	A number of RT DCH allocations for AMR 5.9 kbps allocations in DL. AMR calls may be asymmetric, i.e. There is need for separate UL and DL counters.	Sum, nkcttbh, nkrttbh, tot
rt_dch_allo_for_amr_5_9_kbps_in_ul_in_srnc	nok_nkcel_tfdcalcsvocsr_tab.rwtvkedahl26seccb00hw01qk4	INT8	#	A number of RT DCH allocations for AMR 5.9 kbps allocations in UL.	Sum, nkcttbh, nkrttbh, tot
rt_dch_allo_for_amr_6_7_kbps_in_dl_in_srnc	nok_nkcel_tfdcalcsvocsr_tab.rx3bjrhahl26seccb00hw01qk4	INT8	#	- Obsolete in RN2.2 - A number of RT DCH allocations for AMR 6.7 kbps allocations in DL	Sum, nkcttbh, nkrttbh, tot
rt_dch_allo_for_amr_6_7_kbps_in_ul_in_srnc	nok_nkcel_tfdcalcsvocsr_tab.rwutbslahl26seccb00hw01qk4	INT8	#	- Obsolete in RN2.2 - A number of RT DCH allocations for AMR 6.7 kbps	Sum, nkcttbh, nkrttbh, tot

				allocations in UL.	
rt_dch_allo_for_amr_7_4_kbps_in_dl_in_srnc	nok_nkcel_tfdcalcsvocsr_tab.rx43ostahl26seccb00hw01qk4	INT8	#	- Obsolete in RN2.2 - A number of RT DCH allocations for AMR 7.4 kbps allocations in DL.	Sum, nkcttbh, nkrttbh, tot
rt_dch_allo_for_amr_7_4_kbps_in_ul_in_srnc	nok_nkcel_tfdcalcsvocsr_tab.rwvohmdahl26seccb00hw01qk4	INT8	#	- Obsolete in RN2.2 - A number of RT DCH allocations for AMR 7.4 kbps allocations in UL	Sum, nkcttbh, nkrttbh, tot
rt_dch_allo_for_amr_7_95_kbps_in_dl_in_srnc	nok_nkcel_tfdcalcsvocsr_tab.rx4y3xhahl26seccb00hw01qk4	INT8	#	- Obsolete in RN2.2 - A number of RT DCH allocations for AMR 7.95 kbps allocations in DL.	Sum, nkcttbh, nkrttbh, tot
rt_dch_allo_for_amr_7_95_kbps_in_ul_in_srnc	nok_nkcel_tfdcalcsvocsr_tab.rwwns06ahl26seccb00hw01qk4	INT8	#	- Obsolete in RN2.2 - A number of RT DCH allocations for AMR 7.95 kbps allocations in UL.	Sum, nkcttbh, nkrttbh, tot

6.6.155Cell.Nokia.UMTS.traffic.dch_allocations_data_calls.drnc

Traffic - DCH allocation for Data call services at DRNC statistics

KPI Name	Expression	Data Type	Units	Description	Aggregation
dch_allo_for_data_call_128_kbps_in_dl_in_drnc	nok_nkcel_tfdchaldtdr_tab.rxtbkrpahl26seccb00hw01qk4	INT8	#	A number of DCH allocations for a data call in the DRNC. 128 kbps DCH allocation for data call in DL	Sum, nkcttbh, nkrttbh, tot
dch_allo_for_data_call_128_kbps_in_ul_in_drnc	nok_nkcel_tfdchaldtdr_tab.rxidfutahl26seccb00hw01qk4	INT8	#	A number of DCH allocations for a data call in the	Sum, nkcttbh, nkrttbh,

				DRNC. 128 kbps DCH allocation for data call in UL	tot
dch_allo_for_data_call_14_4_kbps_in_dl_in_drnc	nok_nkcel_tfdchaldtdr_tab.rxn3iw6ahl26seccb00hw01qk4	INT8	#	A number of DCH allocations for a data call in the DRNC. 14.4 kbps DCH allocation for data call in DL	Sum, nkcttbh, nkrttbh, tot
dch_allo_for_data_call_14_4_kbps_in_ul_in_drnc	nok_nkcel_tfdchaldtdr_tab.rxbhuhpahl26seccb00hw01qk4	INT8	#	A number of DCH allocations for a data call in the DRNC. 14.4 kbps DCH allocation for data call in UL	Sum, nkcttbh, nkrttbh, tot
dch_allo_for_data_call_16_kbps_in_dl_in_drnc	nok_nkcel_tfdchaldtdr_tab.rxnwd22ahl26seccb00hw01qk4	INT8	#	A number of DCH allocations for a data call in the DRNC. 16 kbps DCH allocation for data call in DL	Sum, nkcttbh, nkrttbh, tot
dch_allo_for_data_call_16_kbps_in_ul_in_drnc	nok_nkcel_tfdchaldtdr_tab.rxcfoj2ahl26seccb00hw01qk4	INT8	#	A number of DCH allocations for a data call in the DRNC. 16 kbps DCH allocation for data call in UL	Sum, nkcttbh, nkrttbh, tot
dch_allo_for_data_call_256_kbps_in_dl_in_drnc	nok_nkcel_tfdchaldtdr_tab.rxu4s2dahl26seccb00hw01qk4	INT8	#	A number of DCH allocations for a data call in the DRNC. 256 kbps DCH allocation for data call in DL	Sum, nkcttbh, nkrttbh, tot
dch_allo_for_data_call_256_kbps_in_ul_in_drnc	nok_nkcel_tfdchaldtdr_tab.rxjevyxahl26seccb00hw01qk4	INT8	#	A number of DCH allocations for a data call in the DRNC. 256 kbps DCH allocation for data call in UL	Sum, nkcttbh, nkrttbh, tot
dch_allo_for_data_call_28_8_kbps_in	nok_nkcel_tfdchaldtdr_tab.rxos4lxahl26seccb00hw01q	INT8	#	A number of DCH allocations for a	Sum, nkcttbh,

_dl_in_drnc	k4			data call in the DRNC. 28.8 kbps DCH allocation for data call in DL	nkrttbh, tot
dch_allo_for_data_call_28_8_kbps_in_ul_in_drnc	nok_nkcel_tfdchaldtdr_tab.rxdhf1tahl26seccb00hw01qk4	INT8	#	A number of DCH allocations for a data call in the DRNC. 28.8 kbps DCH allocation for data call in UL	Sum, nkcttbh, nkrttbh, tot
dch_allo_for_data_call_32_kbps_in_dl_in_drnc	nok_nkcel_tfdchaldtdr_tab.rxppf36ahl26seccb00hw01qk4	INT8	#	A number of DCH allocations for a data call in the DRNC. 32 kbps DCH allocation for data call in DL	Sum, nkcttbh, nkrttbh, tot
dch_allo_for_data_call_32_kbps_in_ul_in_drnc	nok_nkcel_tfdchaldtdr_tab.rxedkjpahl26seccb00hw01qk4	INT8	#	A number of DCH allocations for a data call in the DRNC. 32 kbps DCH allocation for data call in UL	Sum, nkcttbh, nkrttbh, tot
dch_allo_for_data_call_320_kbps_in_dl_in_drnc	nok_nkcel_tfdchaldtdr_tab.rxv0knpahl26seccb00hw01qk4	INT8	#	- Obsolete in RN2.2 - A number of DCH allocations for a data call in the DRNC. 320 kbps DCH allocation for data call in DL	Sum, nkcttbh, nkrttbh, tot
dch_allo_for_data_call_320_kbps_in_ul_in_drnc	nok_nkcel_tfdchaldtdr_tab.rxkb5txahl26seccb00hw01qk4	INT8	#	- Obsolete in RN2.2 - A number of DCH allocations for a data call in the DRNC. 320 kbps DCH allocation for data call in UL	Sum, nkcttbh, nkrttbh, tot
dch_allo_for_data_	nok_nkcel_tfdchaldtdr_tab.	INT8	#	A number of DCH	Sum,

call_33_6_kbps_in_dl_in_drnc	rxql3pdahl26seccb00hw01qk4			allocations for a data call in the DRNC. 33.6 kbps DCH allocation for data call in DL	nkcttbh, nkrttbh, tot
dch_allo_for_data_call_33_6_kbps_in_ul_in_drnc	nok_nkcel_tfdchaldtdr_tab.rxfajdtahl26seccb00hw01qk4	INT8	#	A number of DCH allocations for a data call in the DRNC. 33.6 kbps DCH allocation for data call in UL	Sum, nkcttbh, nkrttbh, tot
dch_allo_for_data_call_384_kbps_in_dl_in_drnc	nok_nkcel_tfdchaldtdr_tab.rxvv0a2ahl26seccb00hw01qk4	INT8	#	A number of DCH allocations for a data call in the DRNC. 384 kbps DCH allocation for data call in DL	Sum, nkcttbh, nkrttbh, tot
dch_allo_for_data_call_384_kbps_in_ul_in_drnc	nok_nkcel_tfdchaldtdr_tab.rxl6w1hahl26seccb00hw01qk4	INT8	#	A number of DCH allocations for a data call in the DRNC. 384 kbps DCH allocation for data call in UL	Sum, nkcttbh, nkrttbh, tot
dch_allo_for_data_call_57_6_kbps_in_dl_in_drnc	nok_nkcel_tfdchaldtdr_tab.rxrjfrxahl26seccb00hw01qk4	INT8	#	A number of DCH allocations for a data call in the DRNC. 57.6 kbps DCH allocation for data call in DL	Sum, nkcttbh, nkrttbh, tot
dch_allo_for_data_call_57_6_kbps_in_ul_in_drnc	nok_nkcel_tfdchaldtdr_tab.rxghaktahl26seccb00hw01qk4	INT8	#	A number of DCH allocations for a data call in the DRNC. 57.6 kbps DCH allocation for data call in UL	Sum, nkcttbh, nkrttbh, tot
dch_allo_for_data_call_64_kbps_in_dl_in_drnc	nok_nkcel_tfdchaldtdr_tab.rxsg4otahl26seccb00hw01qk4	INT8	#	A number of DCH allocations for a data call in the DRNC. 64 kbps DCH allocation for data call in DL	Sum, nkcttbh, nkrttbh, tot

dch_allo_for_data_call_64_kbps_in_ul_in_drnc	nok_nkcel_tfdchaldtdr_tab.rxheivxahl26seccb00hw01qk4	INT8	#	A number of DCH allocations for a data call in the DRNC. 64 kbps DCH allocation for data call in UL	Sum, nkcttbh, nkrttbh, tot
dch_allo_for_data_call_8_kbps_in_dl_in_drnc	nok_nkcel_tfdchaldtdr_tab.rxm66exahl26seccb00hw01qk4	INT8	#	A number of DCH allocations for a data call in the DRNC. 8 kbps DCH allocation for data call in DL	Sum, nkcttbh, nkrttbh, tot
dch_allo_for_data_call_8_kbps_in_ul_in_drnc	nok_nkcel_tfdchaldtdr_tab.rxal2wtahl26seccb00hw01qk4	INT8	#	A number of DCH allocations for a data call in the DRNC. 8 kbps DCH allocation for data call in UL	Sum, nkcttbh, nkrttbh, tot
dl_ps_data_ps_throughput_drnc	nok_nkcel_tfdchaldtdr_tab.rxxmnjhahl26seccb00hw01qk4	FLOAT	kbps	Packet switched data throughput Downlink (kbps/Second)	Average, avg, max, min, nkcttbh, nkrttbh, tot
ul_ps_data_ps_throughput_drnc	nok_nkcel_tfdchaldtdr_tab.rxwpbyhahl26seccb00hw01qk4	FLOAT	kbps	Packet switched data throughput Uplink (kbps/Second)	Average, avg, max, min, nkcttbh, nkrttbh, tot

6.6.156Cell.Nokia.UMTS.traffic.dch_allocations_signalling_links.drnc

Traffic - DCH allocation for signalling links at DRNC statistics

KPI Name	Expression	Data Type	Units	Description	Aggregation

dch_allo_dura_for_sig_link_1_7_kbps_in_drnc	nok_nkcel_tfdchalsgldr_tab.ry25fdtahl26seccb00hw01qk4	INTEGER	10ms	DRNC DCH Allocations for Signalling link 1.7 kbps allocations in UL/DL	Sum, nkcttbh, nkrttbh, tot
dch_allo_dura_for_sig_link_13_6_kbps_in_drnc	nok_nkcel_tfdchalsgldr_tab.ry4axvxahl26seccb00hw01qk4	INTEGER	10ms	DRNC DCH Allocations for Signalling link 13.6 kbps allocations in UL/DL	Sum, nkcttbh, nkrttbh, tot
dch_allo_dura_for_sig_link_3_4_kbps_in_drnc	nok_nkcel_tfdchalsgldr_tab.ry31iatahl26seccb00hw01qk4	INTEGER	10ms	DRNC DCH Allocations for Signalling link 3.4 kbps allocations in UL/DL	Sum, nkcttbh, nkrttbh, tot
dch_allo_for_sig_link_1_7_kbps_in_drnc	nok_nkcel_tfdchalsgldr_tab.rxykfvpahl26seccb00hw01qk4	INT8	#	DRNC DCH Allocations for Signalling link 1.7 kbps allocations in UL/DL	Sum, nkcttbh, nkrttbh, tot
dch_allo_for_sig_link_13_6_kbps_in_drnc	nok_nkcel_tfdchalsgldr_tab.ry1cmalahl26seccb00hw01qk4	INT8	#	DRNC DCH Allocations for Signalling link 13.6 kbps allocations in UL/DL	Sum, nkcttbh, nkrttbh, tot
dch_allo_for_sig_link_3_4_kbps_in_drnc	nok_nkcel_tfdchalsgldr_tab.ry0gnb6ahl26seccb00hw01qk4	INT8	#	DRNC DCH Allocations for Signalling link 3.4 kbps allocations in UL/DL	Sum, nkcttbh, nkrttbh, tot
signalling_throughput_drnc	nok_nkcel_tfdchalsgldr_tab.ry54x2dahl26seccb00hw01qk4	FLOAT	kbps	Signalling data throughput uplink and downlink	Average, avg, max, min, nkcttbh, nkrttbh, tot

6.6.157Cell.Nokia.UMTS.traffic.dch_allocations_streaming_class

DCH allocations with streaming class statistics

KPI Name	Expression	Data	Units	Description	Aggregati

		Type			on
dch_sel_max_hsdpa_users_str	nok_nkcel_tfdcalcstrcls_tab.xdrxalpdmm2aicsd002uaxybdk	INTEGER	#	The number of times when the DCH channel type is selected for streaming class connections due to maximum amount of HSDPA users or MAC-d flows in the WBTS, local cell group or cell.	Sum, nkcttbh, nkrttbh, tot
hs_dsch_ret_downgrade_str	nok_nkcel_tfdcalcstrcls_tab.xdrxalndmm2aicsd002uaxybdk	INTEGER	#	The number of DCH allocations with streaming class due to HSDPA return channel (DCH UL) downgrade.	Sum, nkcttbh, nkrttbh, tot
hs_dsch_ret_upgrade_str	nok_nkcel_tfdcalcstrcls_tab.xdrxalldmm2aicsd002uaxybdk	INTEGER	#	The number of DCH allocations with streaming class due to HSDPA return channel (DCH UL) upgrade.	Sum, nkcttbh, nkrttbh, tot

6.6.158Cell.Nokia.UMTS.traffic.dch_duration_cs_voice_calls.drnc

Traffic - DCH allocation durations for CS voice services at DRNC statistics

KPI Name	Expression	Data Type	Units	Description	Aggregation
dl_cs_amr_throughput_drnc	nok_nkcel_tfdchdrcsvodr_tab.ryosi1lahl26seccb00hw01qk4	FLOAT	kbps	Circuit switched adaptive multirate codex (AMR) throughput in Downlink	Average, avg, max, min, nkcttbh, nkrttbh,

				(kbps/Second)	tot
rt_dch_allo_dura_for_amr_10_2_kbps_in_dl_in_drnc	nok_nkcel_tfdchdrcsvodr_tab.rylrp32ahl26seccb00hw01qk4	INTEGER	10ms	RT DCH allocations duration in the DRNC for AMR. AMR 10.2 kbps allocations in DL	Sum, nkcttbh, nkrttbh, tot
rt_dch_allo_dura_for_amr_10_2_kbps_in_ul_in_drnc	nok_nkcel_tfdchdrcsvodr_tab.ryegfcxahl26seccb00hw01qk4	INTEGER	10ms	RT DCH allocation duration in the DRNC for AMR. AMR 10.2 kbps allocations in UL	Sum, nkcttbh, nkrttbh, tot
rt_dch_allo_dura_for_amr_12_2_kbps_in_dl_in_drnc	nok_nkcel_tfdchdrcsvodr_tab.rymqqn6ahl26seccb00hw01qk4	INTEGER	10ms	RT DCH allocations duration in the DRNC for AMR. AMR 12.2 kbps allocations in DL	Sum, nkcttbh, nkrttbh, tot
rt_dch_allo_dura_for_amr_12_2_kbps_in_ul_in_drnc	nok_nkcel_tfdchdrcsvodr_tab.ryfbh46ahl26seccb00hw01qk4	INTEGER	10ms	RT DCH allocation duration in the DRNC for AMR. AMR 12.2 kbps allocations in UL	Sum, nkcttbh, nkrttbh, tot
rt_dch_allo_dura_for_amr_4_75_kbps_in_dl_in_drnc	nok_nkcel_tfdchdrcsvodr_tab.rygadxpahl26seccb00hw01qk4	INTEGER	10ms	RT DCH allocation duration in the DRNC for AMR. AMR 4.75 kbps allocations in DL	Sum, nkcttbh, nkrttbh, tot
rt_dch_allo_dura_for_amr_4_75_kbps_in_ul_in_drnc	nok_nkcel_tfdchdrcsvodr_tab.ry64k0dahl26seccb00hw01qk4	INTEGER	10ms	RT DCH allocation duration in the DRNC for AMR. AMR 4.75 kbps allocations in UL	Sum, nkcttbh, nkrttbh, tot
rt_dch_allo_dura_for_amr_5_15_kbps_in_dl_in_drnc	nok_nkcel_tfdchdrcsvodr_tab.ryh3k5xahl26seccb00hw01qk4	INTEGER	10ms	RT DCH allocation duration in the DRNC for AMR. AMR 5.15 kbps allocations in DL	Sum, nkcttbh, nkrttbh, tot
rt_dch_allo_dura_for_amr_5_15_kbps_in_ul_in_drnc	nok_nkcel_tfdchdrcsvodr_tab.ry6yrjhahl26seccb00hw01qk4	INTEGER	10ms	RT DCH allocation duration in the DRNC for AMR.	Sum, nkcttbh, nkrttbh,

				AMR 5.15 kbps allocations in UL	tot
rt_dch_allo_dura_for_amr_5_9_kbps_in_dl_in_drnc	nok_nkcel_tfdchdrcsvodr_tab.ryhyolhahl26seccb00hw01qk4	INTEGER	10ms	RT DCH allocations duration in the DRNC for AMR. AMR 5.9 kbps allocations in DL	Sum, nkcttbh, nkrttbh, tot
rt_dch_allo_dura_for_amr_5_9_kbps_in_ul_in_drnc	nok_nkcel_tfdchdrcsvodr_tab.ryauoihahl26seccb00hw01qk4	INTEGER	10ms	RT DCH allocation duration in the DRNC for AMR. AMR 5.9 kbps allocations in UL	Sum, nkcttbh, nkrttbh, tot
rt_dch_allo_dura_for_amr_6_7_kbps_in_dl_in_drnc	nok_nkcel_tfdchdrcsvodr_tab.ryiywnpahl26seccb00hw01qk4	INTEGER	10ms	RT DCH allocations duration in the DRNC for AMR. AMR 6.7 kbps allocations in DL	Sum, nkcttbh, nkrttbh, tot
rt_dch_allo_dura_for_amr_6_7_kbps_in_ul_in_drnc	nok_nkcel_tfdchdrcsvodr_tab.rybt6k2ahl26seccb00hw01qk4	INTEGER	10ms	RT DCH allocation duration in the DRNC for AMR. AMR 6.7 kbps allocations in UL	Sum, nkcttbh, nkrttbh, tot
rt_dch_allo_dura_for_amr_7_4_kbps_in_dl_in_drnc	nok_nkcel_tfdchdrcsvodr_tab.ryjy1mdahl26seccb00hw01qk4	INTEGER	10ms	RT DCH allocations duration in the DRNC for AMR. AMR 7.4 kbps allocations in DL	Sum, nkcttbh, nkrttbh, tot
rt_dch_allo_dura_for_amr_7_4_kbps_in_ul_in_drnc	nok_nkcel_tfdchdrcsvodr_tab.rycopstahl26seccb00hw01qk4	INTEGER	10ms	RT DCH allocation duration in the DRNC for AMR. AMR 7.4 kbps allocations in UL	Sum, nkcttbh, nkrttbh, tot
rt_dch_allo_dura_f	nok_nkcel_tfdchdrcsvodr_t	INTEG	10ms	RT DCH	Sum,

This edition applies to IBM® Tivoli® Netcool® Performance Manager for Wireless and to all subsequent releases and modifications until otherwise indicated in new editions.

or_amr_7_95_kbps_in_dl_in_drnc	ab.rykved6ahl26seccb00hw01qk4	ER		allocations duration in the DRNC for AMR. AMR 7.95 kbps allocations in DL	nkcttbh, nkrttbh, tot
rt_dch_allo_dura_for_amr_7_95_kbps_in_ul_in_drnc	nok_nkcel_tfdchdrcsvodr_tab.rydjfddahl26seccb00hw01qk4	INTEGER	10ms	RT DCH allocation duration in the DRNC for AMR. AMR 7.95 kbps allocations in UL	Sum, nkcttbh, nkrttbh, tot
ul_cs_amr_throughput_drnc	nok_nkcel_tfdchdrcsvodr_tab.rynsj5pahl26seccb00hw01qk4	FLOAT	kbps	Circuit switched adaptive multirate codex (AMR) throughput Uplink (kbps/Second)	Average, avg, max, min, nkcttbh, nkrttbh, tot

6.6.159Cell.Nokia.UMTS.traffic.dch_duration_cs_voice_calls.srnc

Traffic - DCH allocation durations for CS voice services at SRNC statistics

KPI Name	Expression	Data Type	Units	Description	Aggregation
dl_cs_amr_throughput	nok_nkcel_tfdchdrcsvosr_tab.ryqn0lpahl26seccb00hw01qk4	FLOAT	kbps	Circuit switched adaptive multirate codex (AMR) throughput in Downlink (kbps/Second)	Average, avg, max, min, nkcttbh, nkrttbh, tot
rt_dch_allo_dura_for_amr_10_2_kbps_in_dl_in_srnc	nok_nkcel_tfdchdrcsvosr_tab.s04xdwpahl26seccb00hw01qk4	INTEGER	10ms	- Obsolete in RN2.2 - RT DCH allocated duration for AMR 10.2 kbps allocated in DL	Sum, nkcttbh, nkrttbh, tot
rt_dch_allo_dura_for_amr_10_2_kbps_in_ul_in_srnc	nok_nkcel_tfdchdrcsvosr_tab.rywub6pahl26seccb00hw01qk4	INTEGER	10ms	- Obsolete in RN2.2 - RT DCH allocated duration for AMR 10.2 kbps allocated in UL	Sum, nkcttbh, nkrttbh, tot
rt_dch_allo_dura_for_amr_12_2_kbps_in_dl_in_srnc	nok_nkcel_tfdchdrcsvosr_tab.s05tv0hahl26seccb00hw01qk4	INTEGER	10ms	RT DCH allocated duration for AMR 12.2 kbps allocated	Sum, nkcttbh, nkrttbh,

				in DL	tot
rt_dch_allo_dura_for_amr_12_2_kbps_in_ul_in_srnc	nok_nkcel_tfdchdrcsvosr_tab.ryxqi4hahl26seccb00hw01qk4	INTEGER	10ms	RT DCH allocated duration for AMR 12.2 kbps allocated in UL	Sum, nkcttbh, nkrttbh, tot
rt_dch_allo_dura_for_amr_4_75_kbps_in_dl_in_srnc	nok_nkcel_tfdchdrcsvosr_tab.ryymprpahl26seccb00hw01qk4	INTEGER	10ms	RT DCH allocated duration for AMR 4.75 kbps allocated in DL	Sum, nkcttbh, nkrttbh, tot
rt_dch_allo_dura_for_amr_4_75_kbps_in_ul_in_srnc	nok_nkcel_tfdchdrcsvosr_tab.ryrqn2hahl26seccb00hw01qk4	INTEGER	10ms	RT DCH allocated duration for AMR 4.75 kbps allocations in UL in the SRNC	Sum, nkcttbh, nkrttbh, tot
rt_dch_allo_dura_for_amr_5_15_kbps_in_dl_in_srnc	nok_nkcel_tfdchdrcsvosr_tab.s00j1flahl26seccb00hw01qk4	INTEGER	10ms	- Obsolete in RN2.2 - RT DCH allocated duration for AMR 5.15 kbps allocated in DL	Sum, nkcttbh, nkrttbh, tot
rt_dch_allo_dura_for_amr_5_15_kbps_in_ul_in_srnc	nok_nkcel_tfdchdrcsvosr_tab.ryslmfpahl26seccb00hw01qk4	INTEGER	10ms	- Obsolete in RN2.2 - RT DCH allocated duration for AMR 5.15 kbps allocated in UL	Sum, nkcttbh, nkrttbh, tot
rt_dch_allo_dura_for_amr_5_9_kbps_in_dl_in_srnc	nok_nkcel_tfdchdrcsvosr_tab.s01g3oxahl26seccb00hw01qk4	INTEGER	10ms	RT DCH allocated duration for AMR 5.9 kbps allocated in DL	Sum, nkcttbh, nkrttbh, tot
rt_dch_allo_dura_for_amr_5_9_kbps_in_ul_in_srnc	nok_nkcel_tfdchdrcsvosr_tab.rytg6alahl26seccb00hw01qk4	INTEGER	10ms	RT DCH allocated duration for AMR 5.9 kbps allocated in UL	Sum, nkcttbh, nkrttbh, tot
rt_dch_allo_dura_for_amr_6_7_kbps_in_dl_in_srnc	nok_nkcel_tfdchdrcsvosr_tab.s02bk26ahl26seccb00hw01qk4	INTEGER	10ms	- Obsolete in RN2.2 - RT DCH allocated duration for AMR 6.7 kbps	Sum, nkcttbh, nkrttbh, tot

This edition applies to IBM® Tivoli® Netcool® Performance Manager for Wireless and to all subsequent releases and modifications until otherwise indicated in new editions.

				allocated in DL	
rt_dch_allo_dura_for_amr_6_7_kbps_in_ul_in_srnc	nok_nkcel_tfdchdrcsvosr_tab.ryuakghahl26seccb00hw01qk4	INTEGER	10ms	- Obsolete in RN2.2 - RT DCH allocated duration for AMR 6.7 kbps allocated in UL	Sum, nkcttbh, nkrttbh, tot
rt_dch_allo_dura_for_amr_7_4_kbps_in_dl_in_srnc	nok_nkcel_tfdchdrcsvosr_tab.s033xoxahl26seccb00hw01qk4	INTEGER	10ms	- Obsolete in RN2.2 - RT DCH allocated duration for AMR 7.4 kbps allocated in DL	Sum, nkcttbh, nkrttbh, tot
rt_dch_allo_dura_for_amr_7_4_kbps_in_ul_in_srnc	nok_nkcel_tfdchdrcsvosr_tab.ryv2oq2ahl26seccb00hw01qk4	INTEGER	10ms	- Obsolete in RN2.2 - RT DCH allocated duration for AMR 7.4 kbps allocated in UL	Sum, nkcttbh, nkrttbh, tot
rt_dch_allo_dura_for_amr_7_95_kbps_in_dl_in_srnc	nok_nkcel_tfdchdrcsvosr_tab.s041t3pahl26seccb00hw01qk4	INTEGER	10ms	- Obsolete in RN2.2 - RT DCH allocated duration for AMR 7.95 kbps allocated in DL	Sum, nkcttbh, nkrttbh, tot
rt_dch_allo_dura_for_amr_7_95_kbps_in_ul_in_srnc	nok_nkcel_tfdchdrcsvosr_tab.ryvxqvxahl26seccb00hw01qk4	INTEGER	10ms	- Obsolete in RN2.2 - RT DCH allocated duration for AMR 7.95 kbps allocated in UL	Sum, nkcttbh, nkrttbh, tot
ul_cs_amr_throughput	nok_nkcel_tfdchdrcsvosr_tab.rypp0e6ahl26seccb00hw01qk4	FLOAT	kbps	Circuit switched adaptive multirate codex (AMR) throughput Uplink (kbps/Second)	Average, avg, max, min, nkcttbh, nkrttbh, tot

6.6.160Cell.Nokia.UMTS.traffic.dch_duration_data_calls_dl.drnc

Traffic - DCH allocation durations for DL data call services at DRNC statistics

KPI Name	Expression	Data Type	Units	Description	Aggregation
dch_allo_dura_for_data_call_128_kb	nok_nkcel_tfdchdrdtdldr_tab.s0hjpfxahl26seccb00hw0	INTEGER	10ms	DCH allocation duration for a data	Sum, nkcttbh,

ps_in_dl_in_drnc	1qk4			call in the DRNC. 128 kbps DCH allocation for data call in DL	nkrttbh, tot
dch_allo_dura_for_data_call_14_4_kbps_in_dl_in_drnc	nok_nkcel_tfdchdrdtdldr_tab.s0aq226ahl26seccb00hw01qk4	INTEGER	10ms	DCH allocation duration for a data call in the DRNC. 14.4 kbps DCH allocation for data call in DL	Sum, nkcttbh, nkrttbh, tot
dch_allo_dura_for_data_call_16_kbps_in_dl_in_drnc	nok_nkcel_tfdchdrdtdldr_tab.s0bls6xahl26seccb00hw01qk4	INTEGER	10ms	DCH allocation duration for a data call in the DRNC. 16 kbps DCH allocation for data call in DL	Sum, nkcttbh, nkrttbh, tot
dch_allo_dura_for_data_call_256_kbps_in_dl_in_drnc	nok_nkcel_tfdchdrdtdldr_tab.s0ihkctahl26seccb00hw01qk4	INTEGER	10ms	DCH allocation duration for a data call in the DRNC. 256 kbps DCH allocation for data call in DL	Sum, nkcttbh, nkrttbh, tot
dch_allo_dura_for_data_call_28_8_kbps_in_dl_in_drnc	nok_nkcel_tfdchdrdtdldr_tab.s0chbntahl26seccb00hw01qk4	INTEGER	10ms	DCH allocation duration for a data call in the DRNC. 28.8 kbps DCH allocation for data call in DL	Sum, nkcttbh, nkrttbh, tot
dch_allo_dura_for_data_call_32_kbps_in_dl_in_drnc	nok_nkcel_tfdchdrdtdldr_tab.s0dfc36ahl26seccb00hw01qk4	INTEGER	10ms	DCH allocation duration for a data call in the DRNC. 32 kbps DCH allocation for data call in DL	Sum, nkcttbh, nkrttbh, tot
dch_allo_dura_for_data_call_320_kbps_in_dl_in_drnc	nok_nkcel_tfdchdrdtdldr_tab.s0jf1rxahl26seccb00hw01qk4	INTEGER	10ms	- Obsolete in RN2.2 - DCH allocation duration for a data	Sum, nkcttbh, nkrttbh,

				call in the DRNC. 320 kbps DCH allocation for data call in DL	tot
dch_allo_dura_for_data_call_33_6_kbps_in_dl_in_drnc	nok_nkcel_tfdchdrdtdldr_tab.s0euj4dahl26seccb00hw01qk4	INTEGER	10ms	DCH allocation duration for a data call in the DRNC. 33.6 kbps DCH allocation for data call in DL	Sum, nkcttbh, nkrttbh, tot
dch_allo_dura_for_data_call_384_kbps_in_dl_in_drnc	nok_nkcel_tfdchdrdtdldr_tab.s0kbnj6ahl26seccb00hw01qk4	INTEGER	10ms	DCH allocation duration for a data call in the DRNC. 384 kbps DCH allocation for data call in DL	Sum, nkcttbh, nkrttbh, tot
dch_allo_dura_for_data_call_57_6_kbps_in_dl_in_drnc	nok_nkcel_tfdchdrdtdldr_tab.s0fqf5xahl26seccb00hw01qk4	INTEGER	10ms	DCH allocation duration for a data call in the DRNC. 57.6 kbps DCH allocation for data call in DL	Sum, nkcttbh, nkrttbh, tot
dch_allo_dura_for_data_call_64_kbps_in_dl_in_drnc	nok_nkcel_tfdchdrdtdldr_tab.s0gmvmhahl26seccb00hw01qk4	INTEGER	10ms	DCH allocation duration for a data call in the DRNC. 64 kbps DCH allocation for data call in DL	Sum, nkcttbh, nkrttbh, tot
dch_allo_dura_for_data_call_8_kbps_in_dl_in_drnc	nok_nkcel_tfdchdrdtdldr_tab.s06s4chahl26seccb00hw01qk4	INTEGER	10ms	DCH allocation duration for a data call in the DRNC. 8 kbps DCH allocation for data call in DL	Sum, nkcttbh, nkrttbh, tot

6.6.161Cell.Nokia.UMTS.traffic.dch_duration_data_calls_ul.drnc

Traffic - DCH allocation durations for UL data call services at DRNC statistics

KPI Name	Expression	Data Type	Units	Description	Aggregation
dch_allo_dura_for	nok_nkcel_tfdchdrdtuldr_ta	INTEG	10ms	DCH allocation	Sum,

_data_call_128_kbps_in_ul_in_drnc	b.s0s0fldahl26seccb00hw01qk4	ER		duration for a data call in the DRNC. 128 kbps DCH allocation for data call in UL	nkcttbh, nkrttbh, tot
dch_allo_dura_for_data_call_14_4_kbps_in_ul_in_drnc	nok_nkcel_tfdchdrdtuldr_tab.s0lxe52ahl26seccb00hw01qk4	INTEGER	10ms	DCH allocation duration for a data call in the DRNC. 14.4 kbps DCH allocation for data call in UL	Sum, nkcttbh, nkrttbh, tot
dch_allo_dura_for_data_call_16_kbps_in_ul_in_drnc	nok_nkcel_tfdchdrdtuldr_tab.s0msk2lahl26seccb00hw01qk4	INTEGER	10ms	DCH allocation duration for a data call in the DRNC. 16 kbps DCH allocation for data call in UL	Sum, nkcttbh, nkrttbh, tot
dch_allo_dura_for_data_call_256_kbps_in_ul_in_drnc	nok_nkcel_tfdchdrdtuldr_tab.s0svvahahl26seccb00hw01qk4	INTEGER	10ms	DCH allocation duration for a data call in the DRNC. 256 kbps DCH allocation for data call in UL	Sum, nkcttbh, nkrttbh, tot
dch_allo_dura_for_data_call_28_8_kbps_in_ul_in_drnc	nok_nkcel_tfdchdrdtuldr_tab.s0nmlylahl26seccb00hw01qk4	INTEGER	10ms	DCH allocation duration for a data call in the DRNC. 28.8 kbps DCH allocation for data call in UL	Sum, nkcttbh, nkrttbh, tot
dch_allo_dura_for_data_call_32_kbps_in_ul_in_drnc	nok_nkcel_tfdchdrdtuldr_tab.s0oj5lhahl26seccb00hw01qk4	INTEGER	10ms	DCH allocation duration for a data call in the DRNC. 32 kbps DCH allocation for data call in UL	Sum, nkcttbh, nkrttbh, tot
dch_allo_dura_for_data_call_320_kb	nok_nkcel_tfdchdrdtuldr_tab.s0tso2xahl26seccb00hw0	INTEGER	10ms	- Obsolete in RN2.2 - DCH allocation	Sum, nkcttbh,

ps_in_ul_in_drnc	1qk4			duration for a data call in the DRNC. 320 kbps DCH allocation for data call in UL	nkrttbh, tot
dch_allo_dura_for_data_call_33_6_kbps_in_ul_in_drnc	nok_nkcel_tfdchdrdtuldr_tab.s0pf3pdahl26seccb00hw01qk4	INTEGER	10ms	DCH allocation duration for a data call in the DRNC. 33.6 kbps DCH allocation for data call in UL	Sum, nkcttbh, nkrttbh, tot
dch_allo_dura_for_data_call_384_kbps_in_ul_in_drnc	nok_nkcel_tfdchdrdtuldr_tab.s0usfblahl26seccb00hw01qk4	INTEGER	10ms	DCH allocation duration for a data call in the DRNC. 384 kbps DCH allocation for data call in UL	Sum, nkcttbh, nkrttbh, tot
dch_allo_dura_for_data_call_57_6_kbps_in_ul_in_drnc	nok_nkcel_tfdchdrdtuldr_tab.s0qb4k2ahl26seccb00hw01qk4	INTEGER	10ms	DCH allocation duration for a data call in the DRNC. 57.6 kbps DCH allocation for data call in UL	Sum, nkcttbh, nkrttbh, tot
dch_allo_dura_for_data_call_64_kbps_in_ul_in_drnc	nok_nkcel_tfdchdrdtuldr_tab.s0r5aipahl26seccb00hw01qk4	INTEGER	10ms	DCH allocation duration for a data call in the DRNC. 64 kbps DCH allocation for data call in UL	Sum, nkcttbh, nkrttbh, tot
dch_allo_dura_for_data_call_8_kbps_in_ul_in_drnc	nok_nkcel_tfdchdrdtuldr_tab.s0l3iedahl26seccb00hw01qk4	INTEGER	10ms	DCH allocation duration for a data call in the DRNC. 8 kbps DCH allocation for data call in UL	Sum, nkcttbh, nkrttbh, tot

6.6.162Cell.Nokia.UMTS.traffic.dch_request_hsdsch

Traffic - DCH request for HSDSCH users statistics

KPI Name	Expression	Data Type	Units	Description	Aggregation

channel_type_switch_from_dch_to_hsdsch_for_background	nok_nkcel_tfdcrqhsdch_tab.uaqacwd1im2ahsxr0035xkcuai	INTEGER	#	The number of successful channel switches made directly from DCH xx/yy to HSDSCH for background traffic class.	Sum, nkcttbh, nkrttbh, tot
channel_type_switch_from_dch_to_hsdsch_for_interactive	nok_nkcel_tfdcrqhsdch_tab.uaqacwb1im2ahsxr0035xkcuai	INTEGER	#	The number of successful channel switches made directly from DCH xx/yy to HSDSCH for interactive traffic class.	Sum, nkcttbh, nkrttbh, tot
dch_selected_for_background_due_to_max_hsdpa_users	nok_nkcel_tfdcrqhsdch_tab.s0wnh2dahl26seccb00hw01qk4	INT8	#	The number of times when the DCH channel type is selected for background class connections due to maximum amount of HSDPA users in the cell.	Sum, nkcttbh, nkrttbh, tot
dch_selected_for_interactive_due_to_max_hsdpa_users	nok_nkcel_tfdcrqhsdch_tab.s0vpdwpahl26seccb00hw01qk4	INT8	#	The number of times when the DCH channel type is selected for interactive class connections due to maximum amount of HSDPA users in the cell.	Sum, nkcttbh, nkrttbh, tot
fach_to_dch_from_hspa_to_hspa_layer	nok_nkcel_tfdcrqhsdch_tab.uaqacwp1im2ahsxr0035xkcuai	INTEGER	#	The number of FACH to DCH state transitions directing the UE from one HSPA layer to another	Sum, nkcttbh, nkrttbh, tot

This edition applies to IBM® Tivoli® Netcool® Performance Manager for Wireless and to all subsequent releases and modifications until otherwise indicated in new editions.

				HSPA layer.	
fach_to_dch_from_hspa_to_non_hspa_layer	nok_nkcel_tfdcrqhsdch_tab.uaqacwn1im2ahsxr0035xkcuai	INTEGER	#	The number of FACH to DCH state transitions directing the UE from HSPA layer to non- HSPA layer.	Sum, nkcttbh, nkrttbh, tot
fach_to_dch_from_non_hspa_to_hspa_layer	nok_nkcel_tfdcrqhsdch_tab.uaqacwl1im2ahsxr0035xkcuai	INTEGER	#	The number of FACH to DCH state transitions directing the UE from non-HSPA layer to HSPA layer.	Sum, nkcttbh, nkrttbh, tot
swi_dch_to_hs_dsch_str	nok_nkcel_tfdcrqhsdch_tab.xdrxakbdmm2aicsd002uaxybdk	INTEGER	#	The number of successful channel switches made directly from the DCH xx/yy to the HS-DSCH for the streaming traffic class.	Sum, nkcttbh, nkrttbh, tot

6.6.163Cell.Nokia.UMTS.traffic.dch_requests_cs_voice_calls.drnc

Traffic - DCH requests for CS voice services at DRNC statistics

KPI Name	Expression	Data Type	Units	Description	Aggregation
rt_dch_dho_req_for_cs_voice_call_in_drnc	nok_nkcel_tfdchrqcsvodr_tab.s11jbi6ahl26seccb00hw01qk4	INT8	#	Total number of DCH requests for a CS Voice Call due to the diversity handover in the DRNC.	Sum, nkcttbh, nkrttbh, tot
rt_dch_dho_req_for_cs_voice_call_reject_in_drnc	nok_nkcel_tfdchrqcsvodr_tab.s12faf2ahl26seccb00hw01qk4	INT8	#	Total number of DCH requests for a CS Voice Call rejected by the DRNC for reasons caused by radio	Sum, nkcttbh, nkrttbh, tot

				resources in the target cell of the diversity handover.	
rt_dch_hho_over_iur_req_for_cs_voice_call_in_drnc	nok_nkcel_tfdchrqcsvodr_tab.s13bo06ahl26seccb00hw01qk4	INT8	#	Total number of DCH requests for a CS Voice Call due to a hard handover (HHO) over IUR in the DRNC.	Sum, nkcttbh, nkrttbh, tot
rt_dch_hho_over_iur_req_for_cs_voice_call_reject_in_drnc	nok_nkcel_tfdchrqcsvodr_tab.s142uxhahl26seccb00hw01qk4	INT8	#	Total number of DCH requests for a CS Voice Call rejected by the DRNC for radio resource reasons in the target cell of the hard handover (HHO) over IUR.	Sum, nkcttbh, nkrttbh, tot
rt_dch_req_for_cs_voice_call_in_drnc	nok_nkcel_tfdchrqcsvodr_tab.s0xkl2pahl26seccb00hw01qk4	INT8	#	Total number of RTDCH requests for a CS Voice Call in the DRNC.	Sum, nkcttbh, nkrttbh, tot
rt_dch_req_for_cs_voice_call_reject_in_dl_in_drnc	nok_nkcel_tfdchrqcsvodr_tab.s10p1spahl26seccb00hw01qk4	INT8	#	Total number of RTDCH requests for a CS Voice Call rejected in the DRNC for reasons caused by DL radio resources.	Sum, nkcttbh, nkrttbh, tot
rt_dch_req_for_cs_voice_call_reject_in_ul_in_drnc	nok_nkcel_tfdchrqcsvodr_tab.s0yhyipahl26seccb00hw01qk4	INT8	#	Total number of RTDCH requests for a CS Voice Call rejected in the DRNC for reasons caused by UL radio resources.	Sum, nkcttbh, nkrttbh, tot

This edition applies to IBM® Tivoli® Netcool® Performance Manager for Wireless and to all subsequent releases and modifications until otherwise indicated in new editions.

6.6.164Cell.Nokia.UMTS.traffic.dch_requests_cs_voice_calls.srnc

Traffic - DCH requests for CS voice services at SRNC statistics

KPI Name	Expression	Data Type	Units	Description	Aggregation
rt_dch_dho_req_for_cs_voice_call_in_srnc	nok_nkcel_tfdchrqcsvosr_tab.s1bo52pahl26seccb00hw01qk4	INT8	#	Total number of DCH requests for CS Voice Call due to diversity handover in the SRNC.	Sum, nkcttbh, nkrttbh, tot
rt_dch_dho_req_for_cs_voice_call_reject_in_srnc	nok_nkcel_tfdchrqcsvosr_tab.s1cjk2lahl26seccb00hw01qk4	INT8	#	Total number of DCH requests for a CS Voice Call rejected by the SRNC for reasons caused by radio resources in the target cell of	Sum, nkcttbh, nkrttbh, tot
rt_dch_hho_req_for_cs_voice_call_in_srnc	nok_nkcel_tfdchrqcsvosr_tab.s1dg3itahl26seccb00hw01qk4	INT8	#	Total number of DCH requests for CS Voice Call due to hard handover in the SRNC.	Sum, nkcttbh, nkrttbh, tot
rt_dch_hho_req_for_cs_voice_call_reject_in_srnc	nok_nkcel_tfdchrqcsvosr_tab.s1ec30pahl26seccb00hw01qk4	INT8	#	Total number of DCH requests for a CS Voice Call rejected by the SRNC for reasons caused by radio resources in the target cell of hard handover	Sum, nkcttbh, nkrttbh, tot
rt_dch_init_req_for_cs_voice_call_in_srnc	nok_nkcel_tfdchrqcsvosr_tab.s1at1cdahl26seccb00hw01qk4	INT8	#	Total number of initial RTDCH requests for a CS Voice Call in the SRNC.	Sum, nkcttbh, nkrttbh, tot
rt_dch_req_for_cs_voice_call_in_srnc	nok_nkcel_tfdchrqcsvosr_tab.s14xs66ahl26seccb00hw01qk4	INT8	#	Total number of RTDCH requests for a CS Voice Call in the SRNC.	Sum, nkcttbh, nkrttbh, tot

rt_dch_req_for_cs_voice_call_reject_in_dl_in_srnc	nok_nkcel_tfdchrqcsvosr_tab.s16x266ahl26seccb00hw01qk4	INT8	#	Total number of RTDCH requests for a CS Voice Call rejected in the SRNC for reasons caused by DL radio resources.	Sum, nkcttbh, nkrttbh, tot
rt_dch_req_for_cs_voice_call_reject_in_ul_in_srnc	nok_nkcel_tfdchrqcsvosr_tab.s162crtahl26seccb00hw01qk4	INT8	#	Total number of RTDCH requests for a CS Voice Call rejected in the SRNC for reasons caused by UL radio resources.	Sum, nkcttbh, nkrttbh, tot

6.6.165Cell.Nokia.UMTS.traffic.dch_requests_data_calls.drnc

Traffic - DCH requests for data services at DRNC statistics

KPI Name	Expression	Data Type	Units	Description	Aggregation
dch_dho_req_for_data_call_in_drnc	nok_nkcel_tfdchrqdtcldr_tab.s1hr2vpahl26seccb00hw01qk4	INT8	#	Total number of DCH requests for a Data Call due to the diversity handover in the DRNC.	Sum, nkcttbh, nkrttbh, tot
dch_dho_req_for_data_call_reject_in_drnc	nok_nkcel_tfdchrqdtcldr_tab.s1ijmotahl26seccb00hw01qk4	INT8	#	Total number of DCH requests for a data call rejected by the DRNC for reasons caused by radio resources in the target cell of the diversity handover.	Sum, nkcttbh, nkrttbh, tot
dch_hho_over_iur_req_for_data_call_in_drnc	nok_nkcel_tfdchrqdtcldr_tab.s1jcljxahl26seccb00hw01qk4	INT8	#	Total number of DCH requests for a Data Call due to a hard handover	Sum, nkcttbh, nkrttbh, tot

				(HHO) over IUR in the DRNC.	
dch_hho_over_iur_req_for_data_call_reject_in_drnc	nok_nkcel_tfdchrqdtcldr_tab.s1k3f32ahl26seccb00hw01qk4	INT8	#	Total number of DCH requests for a Data Call rejected by the DRNC for radio resource reasons in the target cell of the hard handover (HHO) over IUR.	Sum, nkcttbh, nkrttbh, tot
dch_req_for_data_call_in_drnc	nok_nkcel_tfdchrqdtcldr_tab.s1f5vmdahl26seccb00hw01qk4	INT8	#	Total number of DCH requests for a data call direction in the DRNC.	Sum, nkcttbh, nkrttbh, tot
dch_req_for_data_call_reject_in_dl_in_drnc	nok_nkcel_tfdchrqdtcldr_tab.s1gwo6tahl26seccb00hw01qk4	INT8	#	Total number of rejected DCH requests for a Data Call in the DRNC for DL radio reasons. Updated when a DCH request for a data call in DL direction (DRNC side) is rejected for reasons caused by radio resources.	Sum, nkcttbh, nkrttbh, tot
dch_req_for_data_call_reject_in_ul_in_drnc	nok_nkcel_tfdchrqdtcldr_tab.s1g1edpahl26seccb00hw01qk4	INT8	#	Total number of rejected DCH requests for a Data Call in the DRNC for UL radio reasons.	Sum, nkcttbh, nkrttbh, tot

6.6.166Cell.Nokia.UMTS.traffic.dch_requests_ps_calls_handover.srnc

Traffic - DCH requests for PS services due to handover at SRNC statistics

KPI Name	Expression	Data Type	Units	Description	Aggregation
nrt_dch_dho_req_f	nok_nkcel_tfdchrqsglsr_tab	INT8	#	Total number of RT	Sum,

or_ps_call_backg_class_in_srnc	.s2bgaxdahl26seccb00hw01qk4			DCH requests for PS Calls with background class due to diversity handover in the SRNC.	nkcttbh, nkrttbh, tot
nrt_dch_dho_req_for_ps_call_backg_class_reject_in_srnc	nok_nkcel_tfdchrqsglsr_tab.s2cb03tahl26seccb00hw01qk4	INT8	#	Total number of RT DCH requests for PS Calls with background class rejected by the SRNC for reasons caused by radio resources in the target cell of diversity handover.	Sum, nkcttbh, nkrttbh, tot
nrt_dch_dho_req_for_ps_call_intera_class_in_srnc	nok_nkcel_tfdchrqsglsr_tab.s26qaflahl26seccb00hw01qk4	INT8	#	Total number of RT DCH requests for PS Calls with interactive class due to diversity handover in the SRNC.	Sum, nkcttbh, nkrttbh, tot
nrt_dch_dho_req_for_ps_call_intera_class_reject_in_srnc	nok_nkcel_tfdchrqsglsr_tab.s2albq6ahl26seccb00hw01qk4	INT8	#	Total number of RT DCH requests for a PS Call with interactive class rejected by the SRNC for reasons caused by radio resources in the target cell of diversity handover.	Sum, nkcttbh, nkrttbh, tot
nrt_dch_hho_req_for_ps_call_backg_class_in_srnc	nok_nkcel_tfdchrqsglsr_tab.s2il3glahl26seccb00hw01qk4	INT8	#	Total number of DCH requests for PS calls with background class due to the hard	Sum, nkcttbh, nkrttbh, tot

This edition applies to IBM® Tivoli® Netcool® Performance Manager for Wireless and to all subsequent releases and modifications until otherwise indicated in new editions.

				handover in SRNC.	
nrt_dch_hho_req_for_ps_call_backg_class_reject_in_srnc	nok_nkcel_tfdchrqsglsr_tab.s2jht4dahl26seccb00hw01qk4	INT8	#	Total number of DCH requests for PS calls with background class rejected by SRNC for radio resource reasons in the target cell of the hard handover.	Sum, nkcttbh, nkrttbh, tot
nrt_dch_hho_req_for_ps_call_intera_class_in_srnc	nok_nkcel_tfdchrqsglsr_tab.s2gm5m2ahl26seccb00hw01qk4	INT8	#	Total number of DCH requests for PS calls with interactive class due to the hard handover in SRNC.	Sum, nkcttbh, nkrttbh, tot
nrt_dch_hho_req_for_ps_call_intera_class_reject_in_srnc	nok_nkcel_tfdchrqsglsr_tab.s2hj1llahl26seccb00hw01qk4	INT8	#	Total number of DCH requests for a PS call with interactive class rejected by SRNC for radio resource reasons in the target cell of the hard handover.	Sum, nkcttbh, nkrttbh, tot
rt_dch_dho_req_for_ps_call_conv_class_in_srnc	nok_nkcel_tfdchrqsglsr_tab.s236wg2ahl26seccb00hw01qk4	INT8	#	- Obsolete in RN2.2 - Total number of RT DCH requests for a PS Call with conversational class due to diversity handover in the SRNC.	Sum, nkcttbh, nkrttbh, tot
rt_dch_dho_req_for_ps_call_conv_class_reject_in_srnc	nok_nkcel_tfdchrqsglsr_tab.s2446ndahl26seccb00hw01qk4	INT8	#	- Obsolete in RN2.2 - Total number of RT DCH requests for PS Calls with conversational class rejected by the SRNC for reasons caused by radio resources in the target cell of	Sum, nkcttbh, nkrttbh, tot

				diversity handover.	
rt_dch_dho_req_for_ps_call_stream_class_in_srnc	nok_nkcel_tfdchrqsglsr_tab.s250eu2ahl26seccb00hw01qk4	INT8	#	Total number of RT DCH requests for PS Calls with streaming class due to diversity handover in the SRNC.	Sum, nkcttbh, nkrttbh, tot
rt_dch_dho_req_for_ps_call_stream_class_reject_in_srnc	nok_nkcel_tfdchrqsglsr_tab.s25ua6hahl26seccb00hw01qk4	INT8	#	Total number of RT DCH requests for PS Calls with streaming class rejected by the SRNC for reasons caused by radio resources in the target cell of diversity handover.	Sum, nkcttbh, nkrttbh, tot
rt_dch_hho_req_for_ps_call_conv_class_in_srnc	nok_nkcel_tfdchrqsglsr_tab.s2d3toxahl26seccb00hw01qk4	INT8	#	- Obsolete in RN2.2 - Total number of RT DCH requests for PS calls with conversational class due to the hard handover in SRNC	Sum, nkcttbh, nkrttbh, tot
rt_dch_hho_req_for_ps_call_conv_class_reject_in_srnc	nok_nkcel_tfdchrqsglsr_tab.s2dxh4tahl26seccb00hw01qk4	INT8	#	- Obsolete in RN2.2 - Total number of RT DCH requests for PS calls with conversational class (on SRNC side) rejected for radio resource reasons in the target cell of the hard handover	Sum, nkcttbh, nkrttbh, tot
rt_dch_hho_req_for_ps_call_stream_class_in_srnc	nok_nkcel_tfdchrqsglsr_tab.s2est5dahl26seccb00hw01qk4	INT8	#	Total number of RT DCH requests for PS calls with	Sum, nkcttbh, nkrttbh,

				streaming class due to the hard handover in SRNC	tot
rt_dch_hho_req_for_ps_call_stream_class_reject_in_srnc	nok_nkcel_tfdchrqsglsr_tab.s2fpnjdahl26seccb00hw01qk4	INT8	#	Total number of RT DCH requests for PS calls with streaming class (on SRNC side) rejected for radio resource reasons in the target cell of the hard handover	Sum, nkcttbh, nkrttbh, tot

6.6.167Cell.Nokia.UMTS.traffic.dch_requests_ps_calls.srnc

Traffic - DCH requests for PS services at SRNC statistics

KPI Name	Expression	Data Type	Units	Description	Aggregation
nrt_dch_ini_req_for_ps_call_backgr_class_in_dl_in_srnc	nok_nkcel_tfdchrqpscsr_tab.s22csd6ahl26seccb00hw01qk4	INT8	#	Total number of initial NRT DCH requests for a PS Call with background class in DL direction in the SRNC.	Sum, nkcttbh, nkrttbh, tot
nrt_dch_ini_req_for_ps_call_backgr_class_in_ul_in_srnc	nok_nkcel_tfdchrqpscsr_tab.s21gt06ahl26seccb00hw01qk4	INT8	#	Total number of initial NRT DCH requests for PS Calls with background class in UL direction in the SRNC.	Sum, nkcttbh, nkrttbh, tot
nrt_dch_ini_req_for_ps_call_intera_class_in_dl_in_srnc	nok_nkcel_tfdchrqpscsr_tab.s20jntxahl26seccb00hw01qk4	INT8	#	Total number of initial NRT DCH requests for a PS Call with interactive class in DL direction in the SRNC.	Sum, nkcttbh, nkrttbh, tot
nrt_dch_ini_req_for_ps_call_intera_cl	nok_nkcel_tfdchrqpscsr_tab.s1yoq3dahl26seccb00hw	INT8	#	Total number of initial NRT DCH	Sum, nkcttbh,

ass_in_ul_in_srnc	01qk4			requests for a PS Call with interactive class in UL direction in the SRNC.	nkrttbh, tot
nrt_dch_req_for_ps_call_backg_class_in_dl_in_srnc	nok_nkcel_tfdchrqpscsr_tab.s1p6pfdahl26seccb00hw01qk4	INT8	#	Total number of NRT DCH requests for a PS Call with background class in DL direction in the SRNC.	Sum, nkcttbh, nkrttbh, tot
nrt_dch_req_for_ps_call_backg_class_in_ul_in_srnc	nok_nkcel_tfdchrqpscsr_tab.s1odlxhahl26seccb00hw01qk4	INT8	#	Total number of NRT DCH requests for a PS Call with background class in UL direction in the SRNC.	Sum, nkcttbh, nkrttbh, tot
nrt_dch_req_for_ps_call_backg_class_reject_in_dl_in_srnc	nok_nkcel_tfdchrqpscsr_tab.s1w3s6pahl26seccb00hw01qk4	INT8	#	Total number of rejected NRT DCH requests for a PS Call with background class in the SRNC for reasons caused by DL radio resources.	Sum, nkcttbh, nkrttbh, tot
nrt_dch_req_for_ps_call_backg_class_reject_in_ul_in_srnc	nok_nkcel_tfdchrqpscsr_tab.s1vbmj2ahl26seccb00hw01qk4	INT8	#	Total number of Rejected NRT DCH requests for A PS Call with background class in the SRNC for reasons caused by UL radio resources.	Sum, nkcttbh, nkrttbh, tot
nrt_dch_req_for_ps_call_intera_class_in_dl_in_srnc	nok_nkcel_tfdchrqpscsr_tab.s1nhvxlahl26seccb00hw01qk4	INT8	#	Total number of NRT DCH requests for a PS Call with interactive class in DL direction in the	Sum, nkcttbh, nkrttbh, tot

				SRNC.	
nrt_dch_req_for_ps_call_intera_class_in_ul_in_srnc	nok_nkcel_tfdchrqpscsr_tab.s1ml4xlahl26seccb00hw01qk4	INT8	#	Total number of NRT DCH requests for a PS Call with interactive class in UL direction in the SRNC.	Sum, nkcttbh, nkrttbh, tot
nrt_dch_req_for_ps_call_intera_class_reject_in_dl_in_srnc	nok_nkcel_tfdchrqpscsr_tab.s1ugvjpahl26seccb00hw01qk4	INT8	#	Total number of rejected NRT DCH requests for a PS Call with interactive class in the SRNC for reasons caused by DL radio resources.	Sum, nkcttbh, nkrttbh, tot
nrt_dch_req_for_ps_call_intera_class_reject_in_ul_in_srnc	nok_nkcel_tfdchrqpscsr_tab.s1tjkxxahl26seccb00hw01qk4	INT8	#	Total number of rejected NRT DCH requests for a PS Call with interactive class in the SRNC for reasons caused by UL radio resources.	Sum, nkcttbh, nkrttbh, tot
rt_dch_ini_req_for_ps_call_conv_class_in_srnc	nok_nkcel_tfdchrqpscsr_tab.s1wxi6tahl26seccb00hw01qk4	INT8	#	- Obsolete in RN2.2 - Total number of initial RT DCH requests for a PS Call with conversational class in the SRNC.	Sum, nkcttbh, nkrttbh, tot
rt_dch_ini_req_for_ps_call_stream_class_in_srnc	nok_nkcel_tfdchrqpscsr_tab.s1xtcslahl26seccb00hw01qk4	INT8	#	Total number of initial RT DCH requests for PS Calls with streaming class in the SRNC.	Sum, nkcttbh, nkrttbh, tot
rt_dch_req_for_ps_call_conv_class_in_srnc	nok_nkcel_tfdchrqpscsr_tab.s1kvskpahl26seccb00hw01qk4	INT8	#	- Obsolete in RN2.2 - Total number of RT DCH requests for a PS Call with conversational class in the SRNC.	Sum, nkcttbh, nkrttbh, tot

rt_dch_req_for_ps_call_conv_class_reject_in_dl_in_srnc	nok_nkcel_tfdchrqpscsr_tab.s1qwu62ahl26seccb00hw01qk4	INT8	#	- Obsolete in RN2.2 - Total number of rejected RT DCH requests for a PS Call with conversational class in the SRNC for reasons caused by DL radio resources.	Sum, nkcttbh, nkrttbh, tot
rt_dch_req_for_ps_call_conv_class_reject_in_ul_in_srnc	nok_nkcel_tfdchrqpscsr_tab.s1q2wb6ahl26seccb00hw01qk4	INT8	#	- Obsolete in RN2.2 - Total number of rejected RT DCH requests for a PS Call with conversational class in the SRNC for reasons caused by UL radio resources.	Sum, nkcttbh, nkrttbh, tot
rt_dch_req_for_ps_call_stream_class_in_srnc	nok_nkcel_tfdchrqpscsr_tab.s1lqcllahl26seccb00hw01qk4	INT8	#	Total number of RT DCH requests for a PS Call with streaming class in the SRNC.	Sum, nkcttbh, nkrttbh, tot
rt_dch_req_for_ps_call_stream_class_reject_in_dl_in_srnc	nok_nkcel_tfdchrqpscsr_tab.s1soio2ahl26seccb00hw01qk4	INT8	#	Total number of rejected RT DCH requests for a PS Call with streaming class in DL direction in the SRNC.	Sum, nkcttbh, nkrttbh, tot
rt_dch_req_for_ps_call_stream_class_reject_in_ul_in_srnc	nok_nkcel_tfdchrqpscsr_tab.s1rtgwdahl26seccb00hw01qk4	INT8	#	Total number of rejected RT DCH requests for a PS Call with streaming class in the SRNC for reasons caused by UL radio resources.	Sum, nkcttbh, nkrttbh, tot

This edition applies to IBM® Tivoli® Netcool® Performance Manager for Wireless and to all subsequent releases and modifications until otherwise indicated in new editions.

6.6.168Cell.Nokia.UMTS.traffic.dch_requests_signalling_links.drnc

Traffic - DCH requests for signalling links at DRNC statistics

KPI Name	Expression	Data Type	Units	Description	Aggregation
dch_dho_req_for_sig_link_in_drnc	nok_nkcel_tfdchrqsgldr_tab.s2my2sdahl26seccb00hw01qk4	INT8	#	Total number of DCH requests for a signalling link due to the diversity handover in the DRNC.	Sum, nkcttbh, nkrttbh, tot
dch_dho_req_for_sig_link_reject_in_drnc	nok_nkcel_tfdchrqsgldr_tab.s2nuk22ahl26seccb00hw01qk4	INT8	#	Total number of DCH requests for a signalling link rejected by the DRNC for reasons caused by radio resources in the target cell of the diversity handover.	Sum, nkcttbh, nkrttbh, tot
dch_hho_over_iur_req_for_sig_link_in_drnc	nok_nkcel_tfdchrqsgldr_tab.s2oqt6hahl26seccb00hw01qk4	INT8	#	DRNC requests for a signalling link due to hard handover (HHO) over IUR in DRNC.	Sum, nkcttbh, nkrttbh, tot
dch_hho_over_iur_req_for_sig_link_reject_in_drnc	nok_nkcel_tfdchrqsgldr_tab.s2pmwidahl26seccb00hw01qk4	INT8	#	DRNC requests for a signalling link rejected by the DRNC for radio resource reasons in the target cell of the hard handover (HHO) over IUR. HHO over IUR is used when the first radio link for an UE is set up on DRNC side.	Sum, nkcttbh, nkrttbh, tot
dch_req_for_sig_link_in_drnc	nok_nkcel_tfdchrqsgldr_tab.s2kdwltahl26seccb00hw01qk4	INT8	#	Total number of signalling link requests in the	Sum, nkcttbh, nkrttbh,

				DRNC. Includes handovers and DCH modifications.	tot
dch_req_for_sig_link_reject_in_dl_in_drnc	nok_nkcel_tfdchrqsgldr_tab.s2m3v1lahl26seccb00hw01qk4	INT8	#	Total number of DCH requests for a signalling link rejected in the DRNC for reasons caused by DL radio resources.	Sum, nkcttbh, nkrttbh, tot
dch_req_for_sig_link_reject_in_ul_in_drnc	nok_nkcel_tfdchrqsgldr_tab.s2labshahl26seccb00hw01qk4	INT8	#	Total number of DCH requests for signalling link rejected in the DRNC for reasons caused by UL radio resources.	Sum, nkcttbh, nkrttbh, tot

6.6.169Cell.Nokia.UMTS.traffic.edch_allocation_release

EDCH channel release statistics.

KPI Name	Expression	Data Type	Units	Description	Aggregation
_%_hsupa_resource_retainability_nrt_traffic	nok_nkcel_tfaloreledch_tab.vr2t6epeaw2aicseb035xjhbax	FLOAT	%	HSUPA Resource Retainability for NRT traffic	Average, nkcttbh, nkrttbh, tot, min, max
_%_hsupa_resource_retainability_rt_traffic	nok_nkcel_tfaloreledch_tab.ywyi0rfdpv2aicsdj02uaxybdk	FLOAT	%	HSUPA Resource Retainability for RT traffic	Average, nkcttbh, nkrttbh, tot, min, max
amr_edch_normal_release	nok_nkcel_tfaloreledch_tab.uaqacyp1im2ahsxr0035xkcuai	INTEGER	#	The number of AMR + E-DCH multi-RAB normal	Sum, nkcttbh, nkrttbh,

				releases.	tot
edch_allo_cancel_for_background_due_to_non_acceptable_as	nok_nkcel_tfaloreledch_tab.uaqacx21im2ahsxr0035xkcuai	INTEGER	#	The number of times when EDCH allocation made by the cell specific packet scheduler for a background class connection is cancelled due to non-acceptable E-DCH active set.	Sum, nkcttbh, nkrttbh, tot
edch_allo_cancel_for_interactive_due_to_non_acceptable_as	nok_nkcel_tfaloreledch_tab.uaqacx01im2ahsxr0035xkcuai	INTEGER	#	The number of times when EDCH allocation made by the cell specific packet scheduler for an interactive class connection is cancelled due to non-acceptable E-DCH active set.	Sum, nkcttbh, nkrttbh, tot
edch_normal_release_for_background	nok_nkcel_tfaloreledch_tab.uaqacy61im2ahsxr0035xkcuai	INTEGER	#	The number of E-DCH normal releases in the SRNC for background class connections.	Sum, nkcttbh, nkrttbh, tot
edch_normal_release_for_interactive	nok_nkcel_tfaloreledch_tab.uaqacy41im2ahsxr0035xkcuai	INTEGER	#	The number of E-DCH normal releases in the SRNC for interactive class connections.	Sum, nkcttbh, nkrttbh, tot
edch_release_due_hsdsch_serving_cell_change_for_background	nok_nkcel_tfaloreledch_tab.uaqacyd1im2ahsxr0035xkcuai	INTEGER	#	The number of E-DCH releases due to HS-DSCH serving cell change for background class connections, i.e. the new HS-DSCH serving cell does not support E-DCH.	Sum, nkcttbh, nkrttbh, tot

edch_release_due_hsdsch_serving_cell_change_for_interactive	nok_nkcel_tfaloreledch_tab.uaqacyb1im2ahsxr0035xkcuai	INTEGER	#	The number of E-DCH releases due to HS-DSCH serving cell change for interactive class connections, i.e. the new HS-DSCH serving cell does not support E-DCH.	Sum, nkcttbh, nkrttbh, tot
edch_release_due_to_other_failure_for_background	nok_nkcel_tfaloreledch_tab.uaqacyl1im2ahsxr0035xkcuai	INTEGER	#	The number of E-DCH releases due to other failure reason for background class connections.	Sum, nkcttbh, nkrttbh, tot
edch_release_due_to_other_failure_for_interactive	nok_nkcel_tfaloreledch_tab.uaqacyj1im2ahsxr0035xkcuai	INTEGER	#	The number of E-DCH releases due to other failure reason for interactive class connections.	Sum, nkcttbh, nkrttbh, tot
edch_release_due_to_rl_failure_for_background	nok_nkcel_tfaloreledch_tab.uaqacyh1im2ahsxr0035xkcuai	INTEGER	#	The number of E-DCH releases for background class connections due to radio link failure, uplink RLC unrecoverable error or UE not responding to an RRC message sent by the RNC.	Sum, nkcttbh, nkrttbh, tot
edch_release_due_to_rl_failure_for_interactive	nok_nkcel_tfaloreledch_tab.uaqacyf1im2ahsxr0035xkcuai	INTEGER	#	The number of E-DCH releases for interactive class connections due to radio link failure,	Sum, nkcttbh, nkrttbh, tot

This edition applies to IBM® Tivoli® Netcool® Performance Manager for Wireless and to all subsequent releases and modifications until otherwise indicated in new editions.

				uplink RLC unrecoverable error or UE not responding to an RRC message sent by the RNC.	
rel_edch_hsdsch_scc_str	nok_nkcel_tfaloreledch_tab.xdrxamvdmm2aicsd002uaxybdk	INTEGER	#	The number of E-DCH releases due to a HS-DSCH serving cell change for streaming class connections, that is, the new HS-DSCH serving cell does not support the E-DCH.	Sum, nkcttbh, nkrttbh, tot
rel_edch_norm_str	nok_nkcel_tfaloreledch_tab.xdrxamtdmm2aicsd002uaxybdk	INTEGER	#	The number of E-DCH normal releases in the SRNC for streaming class connections.	Sum, nkcttbh, nkrttbh, tot
rel_edch_other_fail_str	nok_nkcel_tfaloreledch_tab.xdrxan0dmm2aicsd002uaxybdk	INTEGER	#	The number of E-DCH releases for streaming class connections due to some other failure reason than a radio link failure or an uplink RLC unrecoverable error.	Sum, nkcttbh, nkrttbh, tot
rel_edch_rl_fail_str	nok_nkcel_tfaloreledch_tab.xdrxamxdmm2aicsd002uaxybdk	INTEGER	#	The number of E-DCH releases for streaming class connections due to a radio link failure, an uplink RLC unrecoverable error, or due to the UE not responding to an RRC message sent by the RNC.	Sum, nkcttbh, nkrttbh, tot

6.6.170Cell.Nokia.UMTS.traffic.edch_allocation

EDCH channel allocation statistics.

KPI Name	Expression	Data Type	Units	Description	Aggregation
allo_dur_edch_str	nok_nkcel_trafedschalc_tab.xdrxamrdmm2aicsd002uaxybdk	INTEGER	10ms	The sum of E-DCH allocation durations for streaming class connections.	Sum, nkcttbh, nkrttbh, tot
allo_ed_inter_rnc_hho_str	nok_nkcel_trafedschalc_tab.xdrxan6dmm2aicsd002uaxybdk	INTEGER	#	The number of successful E-DCH allocations for incoming Inter-RNC HHO for streaming class connections.	Sum, nkcttbh, nkrttbh, tot
allo_success_edch_str	nok_nkcel_trafedschalc_tab.xdrxampdmm2aicsd002uaxybdk	INTEGER	#	The number of successful E-DCH allocations for streaming class connections.	Sum, nkcttbh, nkrttbh, tot
amr_edch_allocations	nok_nkcel_trafedschalc_tab.uaqacyn1im2ahsxr0035xkcuai	INTEGER	#	The number of AMR + E-DCH multi-RAB allocations.	Sum, nkcttbh, nkrttbh, tot
edch_allo_canc_na_as_str	nok_nkcel_trafedschalc_tab.xdrxamddmm2aicsd002uaxybdk	INTEGER	#	The number of times when the E-DCH allocation made by the cell specific packet scheduler for a streaming class connection is cancelled due to a non-acceptable E-DCH active set.	Sum, nkcttbh, nkrttbh, tot

edch_allo_for_inter_rnc_hho_background	nok_nkcel_trafedschalc_tab.uaqad021im2ahsxr0035xkcuai	INTEGER	#	The number of successful EDCH allocations for incoming Inter-RNC HHO for background class connections. M1002C532 is updated along with this counter.	Sum, nkcttbh, nkrttbh, tot
edch_allo_for_inter_rnc_hho_interactive	nok_nkcel_trafedschalc_tab.uaqad001im2ahsxr0035xkcuai	INTEGER	#	The number of successful EDCH allocations for incoming Inter-RNC HHO for interactive class connections. M1002C531 is updated along with this counter.	Sum, nkcttbh, nkrttbh, tot
edch_allocation_duration_for_for_background	nok_nkcel_trafedschalc_tab.uaqacy21im2ahsxr0035xkcuai	INTEGER	ms	The sum of E-DCH allocation durations for background class connections.	Sum, nkcttbh, nkrttbh, tot
edch_allocation_duration_for_for_interactive	nok_nkcel_trafedschalc_tab.uaqacy01im2ahsxr0035xkcuai	INTEGER	ms	The sum of E-DCH allocation durations for interactive class connections.	Sum, nkcttbh, nkrttbh, tot
edch_allocations_for_background	nok_nkcel_trafedschalc_tab.uaqacxx1im2ahsxr0035xkcuai	INTEGER	#	The number of successful EDCH allocations for interactive class connections.	Sum, nkcttbh, nkrttbh, tot
edch_allocations_for_interactive	nok_nkcel_trafedschalc_tab.uaqacxv1im2ahsxr0035xkcuai	INTEGER	#	The number of successful EDCH allocations for interactive class connections.	Sum, nkcttbh, nkrttbh, tot

6.6.171Cell.Nokia.UMTS.traffic.edsch_setup_failures

EDCH channel setup statistics.

KPI Name	Expression	Data Type	Units	Description	Aggregation

edch_setup_fail_for_inter_rnc_hho_background	nok_nkcel_tfstfledsch_tab.uaqad061im2ahsxr0035xkcuai	INTEGER	#	The number of E-DCH setup failures for incoming Inter-RNC HHO for background class connections. Also one of the basic E-DCH setup failure counters is updated along with this counter.	Sum, nkcttbh, nkrttbh, tot
edch_setup_fail_for_inter_rnc_hho_interactive	nok_nkcel_tfstfledsch_tab.uaqad041im2ahsxr0035xkcuai	INTEGER	#	The number of E-DCH setup failures for incoming Inter-RNC HHO for interactive class connections. Also one of the basic E-DCH setup failure counters is updated along with this counter.	Sum, nkcttbh, nkrttbh, tot
edch_setup_failure_due_to_bts_for_background	nok_nkcel_tfstfledsch_tab.uaqacxh1im2ahsxr0035xkcuai	INTEGER	#	The number of E-DCH setup failures due to BTS for background class connections.	Sum, nkcttbh, nkrttbh, tot
edch_setup_failure_due_to_bts_for_interactive	nok_nkcel_tfstfledsch_tab.uaqacxf1im2ahsxr0035xkcuai	INTEGER	#	The number of E-DCH setup failures due to BTS for interactive class connections.	Sum, nkcttbh, nkrttbh, tot
edch_setup_failure_due_to_other_reasons_for_background	nok_nkcel_tfstfledsch_tab.uaqacxp1im2ahsxr0035xkcuai	INTEGER	#	The number of E-DCH setup failures for background class connections due to reasons not covered by the other failure counters, for example due to RNC internal failures.	Sum, nkcttbh, nkrttbh, tot

edch_setup_failure_due_to_other_reasons_for_interactive	nok_nkcel_tfstfledsch_tab.uaqacxn1im2ahsxr0035xkcuai	INTEGER	#	The number of E-DCH setup failures for interactive class connections due to reasons not covered by the other failure counters, for example due to RNC internal failures.	Sum, nkcttbh, nkrttbh, tot
edch_setup_failure_due_to_transport_for_background	nok_nkcel_tfstfledsch_tab.uaqacxl1im2ahsxr0035xkcuai	INTEGER	#	The number of E-DCH setup failures due to transport for background class connections.	Sum, nkcttbh, nkrttbh, tot
edch_setup_failure_due_to_transport_for_interactive	nok_nkcel_tfstfledsch_tab.uaqacxj1im2ahsxr0035xkcuai	INTEGER	#	The number of E-DCH setup failures due to transport for interactive class connections.	Sum, nkcttbh, nkrttbh, tot
edch_setup_failure_due_to_ue_for_background	nok_nkcel_tfstfledsch_tab.uaqacxd1im2ahsxr0035xkcuai	INTEGER	#	The number of E-DCH setup failures due to UE for background class connections.	Sum, nkcttbh, nkrttbh, tot
edch_setup_failure_due_to_ue_for_interactive	nok_nkcel_tfstfledsch_tab.uaqacxb1im2ahsxr0035xkcuai	INTEGER	#	The number of E-DCH setup failures due to UE for interactive class connections	Sum, nkcttbh, nkrttbh, tot
setup_fail_edch_bts_str	nok_nkcel_tfstfledsch_tab.xdrxamjdmm2aicsd002uaxybdk	INTEGER	#	The number of E-DCH setup failures due to BTS for streaming class connections.	Sum, nkcttbh, nkrttbh, tot
setup_fail_edch_other_str	nok_nkcel_tfstfledsch_tab.xdrxamndmm2aicsd002uax	INTEGER	#	The number of E-DCH setup failures	Sum, nkcttbh,

	ybdk			for streaming class connections due to reasons not covered by the other failure counters, for example due to RNC internal failures.	nkrttbh, tot
setup_fail_edch_trans_str	nok_nkcel_tfstfledsch_tab.xdrxamldmm2aicsd002uaxybdk	INTEGER	#	The number of E-DCH setup failures due to transport for streaming class connections.	Sum, nkcttbh, nkrttbh, tot
setup_fail_edch_ue_str	nok_nkcel_tfstfledsch_tab.xdrxamhdmm2aicsd002uaxybdk	INTEGER	#	The number of E-DCH setup failures due to UE for streaming class connections.	Sum, nkcttbh, nkrttbh, tot
stp_f_ed_inter_rnc_hho_str	nok_nkcel_tfstfledsch_tab.xdrxanbdmm2aicsd002uaxybdk	INTEGER	#	The number of E-DCH setup failures for incoming Inter-RNC HHO for streaming class connections.	Sum, nkcttbh, nkrttbh, tot
tot_edsch_setup_fail_backg	{edch_setup_failure_due_to_ue_for_background}+ {edch_setup_failure_due_to_bts_for_background}+ {edch_setup_failure_due_to_transport_for_background}+ {edch_setup_failure_due_to_other_reasons_for_background}	INTEGER	#	Total number of E-DCH setup failures for background connections due to various equipment reasons	Sum, nkcttbh, nkrttbh, tot
tot_edsch_setup_fail_inter	{edch_setup_failure_due_to_ue_for_interactive}+ {edch_setup_failure_due_to_bts_for_interactive}+ {edch_setup_failure_due_to_transport_for_interactive}+ {edch_setup_failure_due_to_other_reasons_for_intera	INTEGER	#	Total number of E-DCH setup failures for background connections due to various equipment reasons	Sum, nkcttbh, nkrttbh, tot

	ctive}				
ul_dch_sel_bts_hw_str	nok_nkcel_tfstfledsch_tab.xdrxambdmm2aicsd002uaxybdk	INTEGER	#	The number of times when the E-DCH uplink transport channel cannot be selected for a streaming class connection in this cell because the BTS has reported that it has no capacity available for the E-DCH.	Sum, nkcttbh, nkrttbh, tot
ul_dch_sel_max_hsupa_usr_str	nok_nkcel_tfstfledsch_tab.xdrxam6dmm2aicsd002uaxybdk	INTEGER	#	The number of times when the E-DCH uplink transport channel cannot be selected for a streaming class connection in this cell due to maximum amount of E-DCH users in the cell or in the local cell group.	Sum, nkcttbh, nkrttbh, tot
ul_dch_selected_for_background_due_to_bts_hw_limit	nok_nkcel_tfstfledsch_tab.uaqacwx1im2ahsxr0035xkcuai	INTEGER	#	The number of times when EDCH uplink transport channel cannot be selected in this cell for a background class connection because BTS has reported to have no capacity available for E-DCH.	Sum, nkcttbh, nkrttbh, tot
ul_dch_selected_fo	nok_nkcel_tfstfledsch_tab.	INTEG	#	The number of	Sum,

r_background_due_to_max_hsupa_users	uaqacwt1im2ahsxr0035xkcuai	ER		times when EDCH uplink transport channel cannot be selected in this cell for a background class connection due to maximum amount of E-DCH users in the cell or in the local cell group.	nkcttbh, nkrttbh, tot
ul_dch_selected_for_interactive_due_to_bts_hw_limit	nok_nkcel_tfstfledsch_tab.uaqacwv1im2ahsxr0035xkcuai	INTEGER	#	The number of times when EDCH uplink transport channel cannot be selected in this cell for an interactive class connection because BTS has reported to have no capacity available for E-DCH.	Sum, nkcttbh, nkrttbh, tot
ul_dch_selected_for_interactive_due_to_max_hsupa_users	nok_nkcel_tfstfledsch_tab.uaqacwr1im2ahsxr0035xkcuai	INTEGER	#	The number of times when EDCH uplink transport channel cannot be selected in this cell for an interactive class connection due to maximum amount of E-DCH users in the cell or in the local cell group.	Sum, nkcttbh, nkrttbh, tot

6.6.172Cell.Nokia.UMTS.traffic.hsdsch_allocation_release

Traffic - HSDSCH allocation release statistics

KPI Name	Expression	Data Type	Units	Description	Aggregation
hsdsch_normal_release_for_background	nok_nkcel_tfalorelhsdch_tab.s3gre46ahl26seccb00hw01qk4	INT8	#	The number of HS-DSCH MAC-d flow normal	Sum, nkcttbh, nkrttbh,

				releases in the SRNC for background class connections.	tot
hsdsch_normal_release_for_interactive	nok_nkcel_tfalorelhsdch_tab.s3e2c42ahl26seccb00hw01qk4	INT8	#	The number of HS-DSCH MAC-d flow normal releases in the SRNC for interactive class connections.	Sum, nkcttbh, nkrttbh, tot
hsdsch_release_due_to_mobility_dch_transition_for_background	nok_nkcel_tfalorelhsdch_tab.s3ihog6ahl26seccb00hw01qk4	INT8	#	The number of HS-DSCH releases due to mobility-related HS-DSCH to DCH transitions in the SRNC for background class connections.	Sum, nkcttbh, nkrttbh, tot
hsdsch_release_due_to_mobility_dch_transition_for_interactive	nok_nkcel_tfalorelhsdch_tab.s3fvrrlahl26seccb00hw01qk4	INT8	#	The number of HS-DSCH releases due to mobility-related HS-DSCH to DCH transitions in the SRNC for interactive class connections.	Sum, nkcttbh, nkrttbh, tot
hsdsch_release_due_to_other_dch_transition_reason_for_background	nok_nkcel_tfalorelhsdch_tab.s3mg316ahl26seccb00hw01qk4	INT8	#	The number of HS-DSCH allocation normal releases due to other than mobility-related HS-DSCH to DCH switch (e.g. multi-RAB restrictions) for background class connections.	Sum, nkcttbh, nkrttbh, tot
hsdsch_release_due	nok_nkcel_tfalorelhsdch_ta	INT8	#	The number of HS-	Sum,

_to_other_dch_transition_reason_for_interactive	b.s3jemmxahl26seccb00hw01qk4			DSCH allocation normal releases due to other than mobility-related HS-DSCH to DCH switch (e.g. multi-RAB restrictions) for interactive class connections.	nkcttbh, nkrttbh, tot
hsdsch_release_due_to_other_failure_for_background	nok_nkcel_tfalorelhsdch_tab.s3hmhstahl26seccb00hw01qk4	INT8	#	The number of HS-DSCH allocation releases due to other than radio link failure in the SRNC for background class connections.	Sum, nkcttbh, nkrttbh, tot
hsdsch_release_due_to_other_failure_for_interactive	nok_nkcel_tfalorelhsdch_tab.s3f00d6ahl26seccb00hw01qk4	INT8	#	The number of HS-DSCH allocation releases due to other than radio link failure in the SRNC for interactive class connections.	Sum, nkcttbh, nkrttbh, tot
hsdsch_release_due_to_preemption_for_background	nok_nkcel_tfalorelhsdch_tab.s3ncigxahl26seccb00hw01qk4	INT8	#	The number of HS-DSCH allocation normal releases due to pre-emptions for background class connections.	Sum, nkcttbh, nkrttbh, tot
hsdsch_release_due_to_preemption_for_interactive	nok_nkcel_tfalorelhsdch_tab.s3kblptahl26seccb00hw01qk4	INT8	#	The number of HS-DSCH allocation normal releases due to pre-emptions for interactive class connections.	Sum, nkcttbh, nkrttbh, tot
hsdsch_release_due_to_rl_failure_for_background	nok_nkcel_tfalorelhsdch_tab.s3o63edahl26seccb00hw01qk4	INT8	#	The number of HS-DSCH allocation releases due to radio link failure or uplink RLC unrecoverable error	Sum, nkcttbh, nkrttbh, tot

				for background class connections.	
hsdsch_release_due_to_rl_failure_for_interactive	nok_nkcel_tfalorelhsdch_tab.s3l6fypahl26seccb00hw01qk4	INT8	#	The number of HS-DSCH allocation releases due to radio link failure or uplink RLC unrecoverable error for interactive class connections.	Sum, nkcttbh, nkrttbh, tot
rel_allo_hs_dsch_mob_dch_str	nok_nkcel_tfalorelhsdch_tab.xdrxal0dmm2aicsd002uaxybdk	INTEGER	#	The number of HS-DSCH releases due to mobility-related HS-DSCH to DCH transitions in the SRNC for streaming class connections.	Sum, nkcttbh, nkrttbh, tot
rel_allo_hs_dsch_oth_dch_str	nok_nkcel_tfalorelhsdch_tab.xdrxalrdmm2aicsd002uaxybdk	INTEGER	#	The number of HS-DSCH allocation normal releases due to other than mobility-related HS-DSCH to DCH switch (e.g. multi-RAB restrictions) for streaming class connections.	Sum, nkcttbh, nkrttbh, tot
rel_allo_hs_dsch_pre_emp_str	nok_nkcel_tfalorelhsdch_tab.xdrxaltdmm2aicsd002uaxybdk	INTEGER	#	The number of HS-DSCH allocation normal releases due to pre-emptions for streaming class connections.	Sum, nkcttbh, nkrttbh, tot
rel_allo_oth_fail_hsdsch_str	nok_nkcel_tfalorelhsdch_tab.xdrxakxdmm2aicsd002uaxybdk	INTEGER	#	The number of HS-DSCH allocation releases due to other than radio	Sum, nkcttbh, nkrttbh, tot

				link failure in the SRNC for streaming class connections.	
rel_allo_rl_fail_hs_dsch_str	nok_nkcel_tfalorelhsdch_tab.xdrxalvdmm2aicsd002uaxybdk	INTEGER	#	The number of HS-DSCH allocation releases due to radio link failure, RLC protocol reset or uplink RLC unrecoverable error for streaming class connections.	Sum, nkcttbh, nkrttbh, tot

6.6.173Cell.Nokia.UMTS.traffic.hsdsch_allocation

Traffic - HSDSCH allocation statistics

KPI Name	Expression	Data Type	Units	Description	Aggregation
_%_hsdpa_resource_retainability_rt_traffic	100 * {Nokia.traffic.hsdsch_allocation.rel_allo_norm_hs_dsch_str}/ ({Nokia.traffic.hsdsch_allocation.rel_allo_norm_hs_dsch_str}+ {Nokia.traffic.hsdsch_allocation_release.rel_allo_rl_fail_hs_dsch_str}+ {Nokia.traffic.hsdsch_allocation_release.rel_allo_oth_fail_hsdsch_str})	FLOAT	%	HSDPA Resource Retainability for RT traffic	Average, avg, max, min, nkcttbh, nkrttbh, tot
allo_dur_hs_dsch_flow_str	nok_nkcel_trafhsdschalc_tab.xdrxakldmm2aicsd002uaxybdk	INTEGER	10ms	The sum of HS-DSCH MAC-d flow allocation durations in the SRNC for streaming class connections.	Sum, nkcttbh, nkrttbh, tot
allo_dur_hs_dsch_ret_128_str	nok_nkcel_trafhsdschalc_tab.xdrxakrdmm2aicsd002uaxybdk	INTEGER	10ms	The sum of 128 kbps return channel allocation durations	Sum, nkcttbh, nkrttbh,

				in the SRNC for streaming class connections.	tot
allo_dur_hs_dsch_ret_16_str	nok_nkcel_trafhsdschalc_tab.xdrxakndmm2aicsd002uaxybdk	INTEGER	10ms	The sum of DCH allocation durations for 16 kbps HS-DSCH return channels for the streaming traffic.	Sum, nkcttbh, nkrttbh, tot
allo_dur_hs_dsch_ret_64_str	nok_nkcel_trafhsdschalc_tab.xdrxakpdmm2aicsd002uaxybdk	INTEGER	10ms	The sum of 64 kbps return channel allocation durations in the SRNC for streaming class connections.	Sum, nkcttbh, nkrttbh, tot
allo_hs_dsch_flow_str	nok_nkcel_trafhsdschalc_tab.xdrxakddmm2aicsd002uaxybdk	INTEGER	#	The number of HS-DSCH MAC-d flow allocations in the SRNC for streaming class connections.	Sum, nkcttbh, nkrttbh, tot
allo_hs_dsch_ret_128_str	nok_nkcel_trafhsdschalc_tab.xdrxakjdmm2aicsd002uaxybdk	INTEGER	#	The number of HS-DSCH 128 kbps return channel (DCH UL) allocations in the SRNC for streaming class connections.	Sum, nkcttbh, nkrttbh, tot
allo_hs_dsch_ret_16_str	nok_nkcel_trafhsdschalc_tab.xdrxakfdmm2aicsd002uaxybdk	INTEGER	#	The number of allocations for 16 kbps HS-DSCH return channels (DCH UL) for the streaming traffic.	Sum, nkcttbh, nkrttbh, tot
allo_hs_dsch_ret_64_str	nok_nkcel_trafhsdschalc_tab.xdrxakhdmm2aicsd002ua	INTEGER	#	The number of HS-DSCH 64 kbps	Sum, nkcttbh,

	xybdk			return channel (DCH UL) allocations in the SRNC for streaming class connections.	nkrttbh, tot
allo_hs_inter_rnc_h ho_str	nok_nkcel_trafhsdschalc_ta b.xdrxan2dmm2aicsd002ua xybdk	INTEG ER	#	The number of successful HS-DSCH allocations for incoming Inter-RNC HHO for streaming class connections. Also counter M1002C569 is updated along with this counter.	Sum, nkcttbh, nkrttbh, tot
hsdsch_128_kbps_r eturn_ch_allocation s_for_background	nok_nkcel_trafhsdschalc_ta b.s2vhbytahl26seccb00hw0 1qk4	INT8	#	The number of HS-DSCH 128 kbps return channel (DCH UL) allocations in the SRNC for background class connections.	Sum, nkcttbh, nkrttbh, tot
hsdsch_128_kbps_r eturn_ch_allocation s_for_interactive	nok_nkcel_trafhsdschalc_ta b.s2sbod2ahl26seccb00hw0 1qk4	INT8	#	The number of HS-DSCH 128 kbps return channel (DCH UL) allocations in the SRNC for interactive class connections.	Sum, nkcttbh, nkrttbh, tot
hsdsch_128_kbps_r eturn_ch_duration_ for_background	nok_nkcel_trafhsdschalc_ta b.s335sjlahl26seccb00hw0 1qk4	INT8	10ms	The sum of 128 kbps return channel allocation durations in the SRNC for background class connections.	Sum, nkcttbh, nkrttbh, tot
hsdsch_128_kbps_r eturn_ch_duration_ for_interactive	nok_nkcel_trafhsdschalc_ta b.s2ylgttahl26seccb00hw01 qk4	INT8	10ms	The sum of 128 kbps return channel allocation durations in the SRNC for	Sum, nkcttbh, nkrttbh, tot

				interactive class connections.	
hsdsch_16_kbps_return_ch_allocations_for_background	nok_nkcel_trafhsdschalc_tab.uaqacvx1im2ahsxr0035xkcuai	INTEGER	#	The number of allocations for 16 kbps HS-DSCH return channel (DCH UL) for background traffic.	Sum, nkcttbh, nkrttbh, tot
hsdsch_16_kbps_return_ch_allocations_for_interactive	nok_nkcel_trafhsdschalc_tab.uaqacvv1im2ahsxr0035xkcuai	INTEGER	#	The number of allocations for 16 kbps HS-DSCH return channel (DCH UL) for interactive traffic.	Sum, nkcttbh, nkrttbh, tot
hsdsch_16_kbps_return_ch_duration_for_background	nok_nkcel_trafhsdschalc_tab.uaqacw21im2ahsxr0035xkcuai	INTEGER	ms	The summary of DCH allocation durations for 16 kbps HS-DSCH return channel for background traffic.	Sum, nkcttbh, nkrttbh, tot
hsdsch_16_kbps_return_ch_duration_for_interactive	nok_nkcel_trafhsdschalc_tab.uaqacw01im2ahsxr0035xkcuai	INTEGER	ms	The summary of DCH allocation durations for 16 kbps HS-DSCH return channel for interactive traffic.	Sum, nkcttbh, nkrttbh, tot
hsdsch_384_kbps_return_ch_allocations_for_background	nok_nkcel_trafhsdschalc_tab.s2wahmtahl26seccb00hw01qk4	INT8	#	The number of HS-DSCH 384 kbps return channel (DCH UL) allocations in the SRNC for background class connections.	Sum, nkcttbh, nkrttbh, tot
hsdsch_384_kbps_return_ch_allocations_for_interactive	nok_nkcel_trafhsdschalc_tab.s2t2kptahl26seccb00hw01qk4	INT8	#	The number of HS-DSCH 384 kbps return channel	Sum, nkcttbh, nkrttbh,

This edition applies to IBM® Tivoli® Netcool® Performance Manager for Wireless and to all subsequent releases and modifications until otherwise indicated in new editions.

				(DCH UL) allocations in the SRNC for interactive class connections.	tot
hsdsch_384_kbps_return_ch_duration_for_background	nok_nkcel_trafhsdschalc_tab.s34i1ftahl26seccb00hw01qk4	INT8	10ms	The sum of 384 kbps return channel allocation durations in the SRNC for background class connections.	Sum, nkcttbh, nkrttbh, tot
hsdsch_384_kbps_return_ch_duration_for_interactive	nok_nkcel_trafhsdschalc_tab.s30h5k2ahl26seccb00hw01qk4	INT8	10ms	The sum of 384 kbps return channel allocation durations in the SRNC for interactive class connections.	Sum, nkcttbh, nkrttbh, tot
hsdsch_64_kbps_return_ch_allocations_for_background	nok_nkcel_trafhsdschalc_tab.s2unjc6ahl26seccb00hw01qk4	INT8	#	The number of HS-DSCH 64 kbps return channel (DCH UL) allocations in the SRNC for background class connections.	Sum, nkcttbh, nkrttbh, tot
hsdsch_64_kbps_return_ch_allocations_for_interactive	nok_nkcel_trafhsdschalc_tab.s2rfvv2ahl26seccb00hw01qk4	INT8	#	The number of HS-DSCH 64 kbps return channel (DCH UL) allocations in the SRNC for interactive class connections.	Sum, nkcttbh, nkrttbh, tot
hsdsch_64_kbps_return_ch_duration_for_background	nok_nkcel_trafhsdschalc_tab.s32bkc6ahl26seccb00hw01qk4	INT8	10ms	The sum of 64 kbps return channel allocation durations in the SRNC for background class connections.	Sum, nkcttbh, nkrttbh, tot
hsdsch_64_kbps_return_ch_duration_for_interactive	nok_nkcel_trafhsdschalc_tab.s2xsiwpahl26seccb00hw01qk4	INT8	10ms	The sum of 64 kbps return channel allocation durations	Sum, nkcttbh, nkrttbh,

				in the SRNC for interactive class connections.	tot
hsdsch_allo_for_inter_rnc_hho_background	nok_nkcel_trafhsdschalc_tab.uaqacyt1im2ahsxr0035xkcuai	INTEGER	#	The number of successful HSDSCH allocations for incoming Inter-RNC HHO for background class connections. Also counter M1002C389 is updated along with this counter.	Sum, nkcttbh, nkrttbh, tot
hsdsch_allo_for_inter_rnc_hho_interactive	nok_nkcel_trafhsdschalc_tab.uaqacyr1im2ahsxr0035xkcuai	INTEGER	#	The number of successful HSDSCH allocations for incoming Inter-RNC HHO for interactive class connections. Also counter M1002C385 is updated along with this counter.	Sum, nkcttbh, nkrttbh, tot
hsdsch_macd_flow_allocations_for_background	nok_nkcel_trafhsdschalc_tab.s2tuksxahl26seccb00hw01qk4	INT8	#	The number of HS-DSCH MAC-d flow allocations in the SRNC for background class connections.	Sum, nkcttbh, nkrttbh, tot
hsdsch_macd_flow_allocations_for_interactive	nok_nkcel_trafhsdschalc_tab.s2qjcwxahl26seccb00hw01qk4	INT8	#	The number of HS-DSCH MAC-d flow allocations in the SRNC for interactive class	Sum, nkcttbh, nkrttbh, tot

This edition applies to IBM® Tivoli® Netcool® Performance Manager for Wireless and to all subsequent releases and modifications until otherwise indicated in new editions.

				connections.	
hsdsch_macd_flow_duration_for_background	nok_nkcel_trafhsdschalc_tab.s31ekapahl26seccb00hw01qk4	INT8	10ms	The sum of HS-DSCH MAC-d flow allocation durations in the SRNC for background class connections.	Sum, nkcttbh, nkrttbh, tot
hsdsch_macd_flow_duration_for_interactive	nok_nkcel_trafhsdschalc_tab.s2x03y6ahl26seccb00hw01qk4	INT8	10ms	The sum of HS-DSCH MAC-d flow allocation durations in the SRNC for interactive class connections.	Sum, nkcttbh, nkrttbh, tot
hsdsch_return_ch_downgrades_for_background	nok_nkcel_trafhsdschalc_tab.s3b6eetahl26seccb00hw01qk4	INT8	#	The number of DCH allocations with background class due to HSDPA return channel (DCH UL) upgrade.	Sum, nkcttbh, nkrttbh, tot
hsdsch_return_ch_downgrades_for_interactive	nok_nkcel_trafhsdschalc_tab.s36djmdahl26seccb00hw01qk4	INT8	#	The number of DCH allocations with interactive class due to HSDPA return channel (DCH UL) downgrade.	Sum, nkcttbh, nkrttbh, tot
hsdsch_return_ch_upgrades_for_background	nok_nkcel_trafhsdschalc_tab.s3a5ti2ahl26seccb00hw01qk4	INT8	#	The number of DCH allocations with background class due to HSDPA return channel (DCH UL) upgrade.	Sum, nkcttbh, nkrttbh, tot
hsdsch_return_ch_upgrades_for_interactive	nok_nkcel_trafhsdschalc_tab.s35ggrhahl26seccb00hw01qk4	INT8	#	The number of DCH allocations with interactive class due to HSDPA return channel (DCH UL)	Sum, nkcttbh, nkrttbh, tot

				upgrade.	
hsdsch_throughput_background	nok_nkcel_trafhsdschalc_tab.s3cymsdahl26seccb00hw01qk4	FLOAT	kbps	The average hsdsch throughput for background services	Average, avg, max, min, nkcttbh, nkrttbh, tot
hsdsch_throughput_interactive	nok_nkcel_trafhsdschalc_tab.s3c3extahl26seccb00hw01qk4	FLOAT	kbps	The average hsdsch throughput for interactive services	Average, avg, max, min, nkcttbh, nkrttbh, tot
rej_hs_dsch_ret_str	nok_nkcel_trafhsdschalc_tab.xdrxaktdmm2aicsd002uaxybdk	INTEGER	#	The number of failed allocations for the HS-DSCH transport channel due to lack of radio resources for the UL DCH return channel for streaming class connections.	Sum, nkcttbh, nkrttbh, tot
rel_allo_norm_hs_dsch_str	nok_nkcel_trafhsdschalc_tab.xdrxakvdmm2aicsd002uaxybdk	INTEGER	#	The number of HS-DSCH MAC-d flow normal releases in the SRNC for streaming class connections. Includes also HS-DSCH releases due to 1A event triggered state transitions to FACH.	Sum, nkcttbh, nkrttbh, tot

This edition applies to IBM® Tivoli® Netcool® Performance Manager for Wireless and to all subsequent releases and modifications until otherwise indicated in new editions.

6.6.174Cell.Nokia.UMTS.traffic.hsdsch_request

Traffic - HSDSCH request statistics

KPI Name	Expression	Data Type	Units	Description	Aggregation
rejected_hsdsch_return_ch_for_background	nok_nkcel_hsdschreq_tab.s3py0rxahl26seccb00hw01qk4	INT8	#	The number of failed allocations for the HS- DSCH transport channel due to lack of radio resources for the UL DCH return channel for background class connections. After rejection the capacity request is sent back to the PS queue and the HS-DSCH channel type is not allowed for this capacity request any more.	Sum, nkcttbh, nkrttbh, tot
rejected_hsdsch_return_ch_for_interactive	nok_nkcel_hsdschreq_tab.s3p30vtahl26seccb00hw01qk4	INT8	#	The number of failed allocations for the HS- DSCH transport channel due to lack of radio resources for the UL DCH return channel for interactive class connections. After rejection the capacity request is sent back to the PS queue and the HS-DSCH channel type is not allowed for this capacity request any more.	Sum, nkcttbh, nkrttbh, tot
tot_hsdsch_setup_att_backg	nok_nkcel_hsdschreq_tab.s3rrjlpahl26seccb00hw01qk4	INT8	#	Total HSDSCH setup attempts for background service after NBAP RL reconfigruation,	Sum, nkcttbh, nkrttbh, tot

				transport resource reservation, RNC internal resource reservation and RRC RB reconfiguration has been successful. This takes the sum of all allocation successful and allocation failures.	
tot_hsdsch_setup_att_inter	nok_nkcel_hsdschreq_tab.s3qust2ahl26seccb00hw01qk4	INT8	#	Total HSDSCH setup attempts for interactive service after NBAP RL reconfigruation, transport resource reservation, RNC internal resource reservation and RRC RB reconfiguration has been successful. This takes the sum of all allocation successful and allocation failures.	Sum, nkcttbh, nkrttbh, tot

6.6.175Cell.Nokia.UMTS.traffic.hsdsch_setup_failures

Traffic - HSDSCH setup failures statistics

KPI Name	Expression	Data Type	Units	Description	Aggregation
_%_hsdsch_setup_fail_backg	100 * ({hsdsch_setup_failure_due_to_rnc_internal_for_background}+ {hsdsch_macd_flow_setup	FLOAT	%	Percentage HSDSCH setup failures for background service after NBAP RL	Average, avg, nkcttbh, nkrttbh

	_failure_due_to_iub_transport_for_background}+ {hsdsch_setup_failure_due_to_ue_for_background}+ {hsdsch_setup_failure_due_to_bts_for_background}+ {hsdsch_total_iub_transport_setup_fail_for_background})/ {Nokia.traffic.hsdsch_request.tot_hsdsch_setup_att_backg}			reconfigruation, transport resource reservation, RNC internal resource reservation and RRC RB reconfiguration has been successful. The setup failures takes into consideration of all setup fail causes.	
_%_hsdsch_setup_fail_inter	100 * ({hsdsch_setup_failure_due_to_rnc_internal_for_interactive}+ {hsdsch_macd_flow_setup_failure_due_to_iub_transport_for_interactive}+ {hsdsch_setup_failure_due_to_ue_for_interactive}+ {hsdsch_setup_failure_due_to_bts_for_interactive}+ {hsdsch_total_iub_transport_setup_fail_for_interactive})/ {Nokia.traffic.hsdsch_request.tot_hsdsch_setup_att_inter}	FLOAT	%	Percentage HSDSCH setup failures for interactive service after NBAP RL reconfigruation, transport resource reservation, RNC internal resource reservation and RRC RB reconfiguration has been successful. The setup failures takes into consideration of all setup fail causes.	Average, avg, nkcttbh, nkrttbh
dl_dch_sel_hsdpa_power_str	nok_nkcel_tfstflhsdsch_tab.xdrxamfdmm2aicsd002uaxybdk	INTEGER	#	The number of times when the HS-DSCH downlink transport channel cannot be selected for a streaming class connection due to downlink power limits.	Sum, nkcttbh, nkrttbh, tot
dl_dch_selected_for_background_due_to_hsdpa_power	nok_nkcel_tfstflhsdsch_tab.uaqacx61im2ahsxr0035xkcuai	INTEGER	#	The number of times when HS-DSCH downlink transport channel cannot be selected for a background	Sum, nkcttbh, nkrttbh, tot

				class connection due to downlink power limits.	
dl_dch_selected_for_interactive_due_to_hsdpa_power	nok_nkcel_tfstflhsdsch_tab.uaqacx41im2ahsxr0035xkcuai	INTEGER	#	The number of times when HS-DSCH downlink transport channel cannot be selected for an interactive class connection due to downlink power limits.	Sum, nkcttbh, nkrttbh, tot
hsdsch_128_kbps_return_ch_iub_transport_setup_failure_for_background	nok_nkcel_tfstflhsdsch_tab.s46l62lahl26seccb00hw01qk4	INT8	#	The number of HS-DSCH setup failures due to 128 kbps return channel Iub transport (AAL2) in the SRNC for background class connections.	Sum, nkcttbh, nkrttbh, tot
hsdsch_128_kbps_return_ch_iub_transport_setup_failure_for_interactive	nok_nkcel_tfstflhsdsch_tab.s3y4v1tahl26seccb00hw01qk4	INT8	#	The number of HS-DSCH failures due to 128 kbps return channel Iub transport (AAL2) in the SRNC for interactive class connections.	Sum, nkcttbh, nkrttbh, tot
hsdsch_16_kbps_return_ch_iub_transport_setup_failure_for_background	nok_nkcel_tfstflhsdsch_tab.uaqacw61im2ahsxr0035xkcuai	INTEGER	#	The number of HS-DSCH setup failures due to 16 kbps return channel Iub transport (AAL2) for background traffic class connections.	Sum, nkcttbh, nkrttbh, tot
hsdsch_16_kbps_re	nok_nkcel_tfstflhsdsch_tab	INTEG	#	The number of HS-	Sum,

turn_ch_iub_transport_setup_failure_for_interactive	.uaqacw41im2ahsxr0035xkcuai	ER		DSCH setup failures due to 16 kbps return channel Iub transport (AAL2) for interactive traffic class connections.	nkcttbh, nkrttbh, tot
hsdsch_384_kbps_return_ch_iub_transport_setup_failure_for_background	nok_nkcel_tfstflhsdsch_tab.s4ahyahahl26seccb00hw01qk4	INT8	#	The number of HS-DSCH setup failures due to 384 kbps return channel Iub transport (AAL2) in the SRNC for background class connections.	Sum, nkcttbh, nkrttbh, tot
hsdsch_384_kbps_return_ch_iub_transport_setup_failure_for_interactive	nok_nkcel_tfstflhsdsch_tab.s404swtahl26seccb00hw01qk4	INT8	#	The number of HS-DSCH setup failures due to 384 kbps return channel Iub transport (AAL2) in the SRNC for interactive class connections.	Sum, nkcttbh, nkrttbh, tot
hsdsch_64_kbps_return_ch_iub_transport_setup_failure_for_background	nok_nkcel_tfstflhsdsch_tab.s45mq52ahl26seccb00hw01qk4	INT8	#	The number of HS-DSCH setup failures due to 64 kbps return channel Iub transport (AAL2) in the SRNC for background class connections.	Sum, nkcttbh, nkrttbh, tot
hsdsch_64_kbps_return_ch_iub_transport_setup_failure_for_interactive	nok_nkcel_tfstflhsdsch_tab.s3xdny6ahl26seccb00hw01qk4	INT8	#	The number of HS-DSCH setup failures due to 64 kbps return channel Iub transport (AAL2) in the SRNC for interactive class connections.	Sum, nkcttbh, nkrttbh, tot

hsdsch_macd_flow_setup_failure_due_to_iub_transport_for_background	nok_nkcel_tfstflhsdsch_tab.s423iw2ahl26seccb00hw01qk4	INT8	#	The number of HS-DSCH MAC-d flow setup failures due to Iub transport (AAL2) in the SRNC for background class connections.	Sum, nkcttbh, nkrttbh, tot
hsdsch_macd_flow_setup_failure_due_to_iub_transport_for_interactive	nok_nkcel_tfstflhsdsch_tab.s3touhlahl26seccb00hw01qk4	INT8	#	The number of HS-DSCH MAC-d flow setup failures due to Iub transport (AAL2) in the SRNC for interactive class connections.	Sum, nkcttbh, nkrttbh, tot
hsdsch_setup_fail_for_inter_rnc_hho_background	nok_nkcel_tfstflhsdsch_tab.uaqacyx1im2ahsxr0035xkcuai	INTEGER	#	The number of HS-DSCH setup failures for incoming Inter-RNC HHO for background class connections. Also one of the basic HSDSCH setup failure counters is updated along with this counter.	Sum, nkcttbh, nkrttbh, tot
hsdsch_setup_fail_for_inter_rnc_hho_interactive	nok_nkcel_tfstflhsdsch_tab.uaqacyv1im2ahsxr0035xkcuai	INTEGER	#	The number of HS-DSCH setup failures for incoming Inter-RNC HHO for interactive class connections. Also one of the basic HS-DSCH setup failure counters is updated along with	Sum, nkcttbh, nkrttbh, tot

				this counter.	
hsdsch_setup_failure_due_to_bts_for_background	nok_nkcel_tfstflhsdsch_tab.s43wu0lahl26seccb00hw01qk4	INT8	#	The number of HS-DSCH setup failures due to BTS in the SRNC for background class connections.	Sum, nkcttbh, nkrttbh, tot
hsdsch_setup_failure_due_to_bts_for_interactive	nok_nkcel_tfstflhsdsch_tab.s3vihe2ahl26seccb00hw01qk4	INT8	#	The number of HS-DSCH setup failures due to BTS in the SRNC for interactive class connections.	Sum, nkcttbh, nkrttbh, tot
hsdsch_setup_failure_due_to_rnc_internal_for_background	nok_nkcel_tfstflhsdsch_tab.s41c0q2ahl26seccb00hw01qk4	INT8	#	The number of HS-DSCH setup failures due to RNC internal reasons (including RNC internal transport) in the SRNC for background class connections.	Sum, nkcttbh, nkrttbh, tot
hsdsch_setup_failure_due_to_rnc_internal_for_interactive	nok_nkcel_tfstflhsdsch_tab.s3srdxtahl26seccb00hw01qk4	INT8	#	The number of HS-DSCH setup failures due to RNC internal reasons (including RNC internal transport) in the SRNC for interactive class connections.	Sum, nkcttbh, nkrttbh, tot
hsdsch_setup_failure_due_to_ue_for_background	nok_nkcel_tfstflhsdsch_tab.s431mxhahl26seccb00hw01qk4	INT8	#	The number of HS-DSCH setup failures due to UE in the SRNC for background class connections.	Sum, nkcttbh, nkrttbh, tot
hsdsch_setup_failure_due_to_ue_for_interactive	nok_nkcel_tfstflhsdsch_tab.s3umdadahl26seccb00hw01qk4	INT8	#	The number of HS-DSCH setup failures due to UE in the SRNC for interactive class	Sum, nkcttbh, nkrttbh, tot

				connections.	
hsdsch_total_iub_transport_setup_fail_for_background	nok_nkcel_tfstflhsdsch_tab.s44s20hahl26seccb00hw01qk4	INT8	#	The total number of HS-DSCH setup failures due Iub transport (AAL2) in the SRNC for background class connections. This counter is equal to the sum of M1002C422, M1002C426, M1002C427 and M1002C428.	Sum, nkcttbh, nkrttbh, tot
hsdsch_total_iub_transport_setup_fail_for_interactive	nok_nkcel_tfstflhsdsch_tab.s3wg1clahl26seccb00hw01qk4	INT8	#	The total number of HS-DSCH setup failures due Iub transport (AAL2) in the SRNC for interactive class connections. This counter is equal to the sum of M1002C414, M1002C418, M1002C419 and M1002C420.	Sum, nkcttbh, nkrttbh, tot
setup_fail_128_iub_hsdsch_st	nok_nkcel_tfstflhsdsch_tab.xdrxaljdmm2aicsd002uaxybdk	INTEGER	#	The number of HS-DSCH failures due to the 128 kbps return channel Iub transport in the SRNC for streaming class connections.	Sum, nkcttbh, nkrttbh, tot
setup_fail_16_iub_hsdsch_str	nok_nkcel_tfstflhsdsch_tab.xdrxalfdmm2aicsd002uaxybdk	INTEGER	#	The number of HS-DSCH setup failures due to the	Sum, nkcttbh, nkrttbh,

				16 kbps return channel Iub transport for streaming traffic class connections.	tot
setup_fail_64_iub_hsdsch_str	nok_nkcel_tfstflhsdsch_tab.xdrxalhdmm2aicsd002uaxybdk	INTEGER	#	The number of HS-DSCH setup failures due to the 64 kbps return channel Iub transport in the SRNC for streaming class connections.	Sum, nkcttbh, nkrttbh, tot
setup_fail_bts_hs_dsch_str	nok_nkcel_tfstflhsdsch_tab.xdrxalbdmm2aicsd002uaxybdk	INTEGER	#	The number of HS-DSCH setup failures due to BTS in the SRNC for streaming class connections.	Sum, nkcttbh, nkrttbh, tot
setup_fail_iub_hs_total_str	nok_nkcel_tfstflhsdsch_tab.xdrxalddmm2aicsd002uaxybdk	INTEGER	#	The total number of HS-DSCH setup failures due Iub transport in the SRNC for streaming class connections. This counter is equal to the sum of M1002C586, M1002C587, M1002C588 and M1002C582.	Sum, nkcttbh, nkrttbh, tot
setup_fail_iub_mac_d_str	nok_nkcel_tfstflhsdsch_tab.xdrxal4dmm2aicsd002uaxybdk	INTEGER	#	The number of HS-DSCH MAC-d flow setup failures due to Iub transport in the SRNC for streaming class connections.	Sum, nkcttbh, nkrttbh, tot
setup_fail_rnc_hs_dsch_str	nok_nkcel_tfstflhsdsch_tab.xdrxal2dmm2aicsd002uaxybdk	INTEGER	#	The number of HS-DSCH setup failures due to RNC	Sum, nkcttbh, nkrttbh,

				internal reasons (including RNC internal transport) in the SRNC for streaming class connections.	tot
setup_fail_ue_hs_dsch_str	nok_nkcel_tfstflhsdsch_tab.xdrxal6dmm2aicsd002uaxybdk	INTEGER	#	The number of HS-DSCH setup failures due to UE in the SRNC for streaming class connections.	Sum, nkcttbh, nkrttbh, tot
stp_f_hs_inter_rnc_hho_str	nok_nkcel_tfstflhsdsch_tab.xdrxan4dmm2aicsd002uaxybdk	INTEGER	#	The number of HS-DSCH setup failures for incoming Inter-RNC HHO for streaming class connections.	Sum, nkcttbh, nkrttbh, tot
tot_hsdsch_setup_fail_backg	({hsdsch_setup_failure_due_to_rnc_internal_for_background}+ {hsdsch_macd_flow_setup_failure_due_to_iub_transport_for_background}+ {hsdsch_setup_failure_due_to_ue_for_background}+ {hsdsch_setup_failure_due_to_bts_for_background}+ {hsdsch_total_iub_transport_setup_fail_for_background})	INT8	#	Total HSDSCH setup failures for background service after NBAP RL reconfigruation, transport resource reservation, RNC internal resource reservation and RRC RB reconfiguration has been successful. The setup failures takes into consideration of all setup fail causes.	Sum, nkcttbh, nkrttbh, tot
tot_hsdsch_setup_fail_inter	({hsdsch_setup_failure_due_to_rnc_internal_for_interactive}+	INT8	#	Total HSDSCH setup failures for interactive service	Sum, nkcttbh, nkrttbh,

	{hsdsch_macd_flow_setup_failure_due_to_iub_transport_for_interactive}+ {hsdsch_setup_failure_due_to_ue_for_interactive}+ {hsdsch_setup_failure_due_to_bts_for_interactive}+ {hsdsch_total_iub_transport_setup_fail_for_interactive})			after NBAP RL reconfigruation, transport resource reservation, RNC internal resource reservation and RRC RB reconfiguration has been successful. The setup failures takes into consideration of all setup fail causes.	tot

6.6.176Cell.Nokia.UMTS.traffic.multirab.background_connections

HS-DSCH background measurements

KPI Name	Expression	Data Type	Units	Description	Aggregation
amr_hs_dsch_allocatio_ns_for_background	nok_traf_mrab_back_conn_tab.x4iqmptafq2ahdvuj02uauibev	INTEGER	#	Number of AMR + HS-DSCH multi-RAB allocations for background class connections.	Sum, nkcttbh, nkrttbh, tot
amr_hs_dsch_normal_release_for_background	nok_traf_mrab_back_conn_tab.x4iqmpvafq2ahdvuj02uauibev	INTEGER	#	Number of AMR + HS-DSCH multi-RAB normal releases for background class connections (one of the RBs is released).	Sum, nkcttbh, nkrttbh, tot
amr_hs_dsch_setup_failure_for_background	nok_traf_mrab_back_conn_tab.x4iqmprafq2ahdvuj02uauibev	INTEGER	#	Number of setup failures for AMR + HS-DSCH for background class connections.	Sum, nkcttbh, nkrttbh, tot
rejected_amr_hs_dsch_for_background	nok_traf_mrab_back_conn_tab.x4iqmppafq2ahdvuj02uauibev	INTEGER	#	Number of times when admission control rejects setting up AMR + HS-DSCH	Sum, nkcttbh, nkrttbh, tot

				connection for background class connections.	

6.6.177Cell.Nokia.UMTS.traffic.multirab.interactive_connections

HS-DSCH interactive measurements

KPI Name	Expression	Data Type	Units	Description	Aggregation
amr_hs_dsch_allocatio_ns_for_interactive	nok_traf_mrab_int_conn_tab.x4iqmq2afq2ahdvuj02uauibev	INTEGER	#	Number of AMR + HS-DSCH multi-RAB allocations for interactive class connections.	Sum, nkcttbh, nkrttbh, tot
amr_hs_dsch_normal_release_for_interactive	nok_traf_mrab_int_conn_tab.x4iqmq4afq2ahdvuj02uauibev	INTEGER	#	Number of AMR + HS-DSCH multi-RAB normal releases for interactive class connections (one of the RBs is released).	Sum, nkcttbh, nkrttbh, tot
amr_hs_dsch_setup_failure_for_interactive	nok_traf_mrab_int_conn_tab.x4iqmq0afq2ahdvuj02uauibev	INTEGER	#	Number of setup failures for AMR + HS-DSCH for interactive class connections.	Sum, nkcttbh, nkrttbh, tot
rejected_amr_hs_dsch_for_interactive	nok_traf_mrab_int_conn_tab.x4iqmpxafq2ahdvuj02uauibev	INTEGER	#	Number of times when admission control rejects setting up AMR + HS-DSCH connection for interactive class connections.	Sum, nkcttbh, nkrttbh, tot

6.6.178Cell.Nokia.UMTS.traffic.multirab.streaming_connections

Multi-RAB streaming connections statistics

KPI Name	Expression	Data Type	Units	Description	Aggregation
allo_hs_dsch_amr_str	nok_traf_mrab_str_conn_tab.xdrxam2dmm2aicsd002uaxybdk	INTEGER	#	The number of AMR + HS-DSCH multi-RAB allocations for streaming class connections.	Sum, nkcttbh, nkrttbh, tot
rej_hs_dsch_amr_str	nok_traf_mrab_str_conn_tab.xdrxalxdmm2aicsd002uaxybdk	INTEGER	#	The number of times that admission control rejects setting up an AMR + HS-DSCH connection for streaming class connections.	Sum, nkcttbh, nkrttbh, tot
rel_allo_norm_hsdsch_amr_str	nok_traf_mrab_str_conn_tab.xdrxam4dmm2aicsd002uaxybdk	INTEGER	#	The number of AMR + HS-DSCH multi-RAB normal releases for streaming class connections (one of the RBs is released).	Sum, nkcttbh, nkrttbh, tot
setup_fail_hs_dsch_amr_str	nok_traf_mrab_str_conn_tab.xdrxam0dmm2aicsd002uaxybdk	INTEGER	#	The number of setup failures for AMR + HS-DSCH for streaming class connections.	Sum, nkcttbh, nkrttbh, tot

6.6.179Cell.Nokia.UMTS.traffic.nrt_dch_allocations_ps_calls_backg_class.srnc

Traffic - NRT DCH allocation for PS background services at SRNC statistics

KPI Name	Expression	Data Type	Units	Description	Aggregation
dl_ps_data_backg_class_throughput	nok_nkcel_tfnrpsbgsr_tab.s54ydq6ahl26seccb00hw01qk4	FLOAT	kbps	Packet switched data throughput Downlink with background class	Average, avg, max, min, nkcttbh,

				(kbps/Second)	nkrttbh, tot
nrt_dch_allo_for_ps_call_backg_class_128_kbps_in_dl_in_srnc	nok_nkcel_tfnrpsbgsr_tab.s50mh1hahl26seccb00hw01qk4	INT8	#	Number of 128 kbps NRT DCH allocations for PS Calls in DL with conversational class in the SRNC	Sum, nkcttbh, nkrttbh, tot
nrt_dch_allo_for_ps_call_backg_class_128_kbps_in_ul_in_srnc	nok_nkcel_tfnrpsbgsr_tab.s4isgglahl26seccb00hw01qk4	INT8	#	Number of 128 kbps NRT DCH allocations for PS Calls in UL with conversational class in the SRNC	Sum, nkcttbh, nkrttbh, tot
nrt_dch_allo_for_ps_call_backg_class_16_kbps_in_dl_in_srnc	nok_nkcel_tfnrpsbgsr_tab.s4n5bpdahl26seccb00hw01qk4	INT8	#	Number of 16 kbps NRT DCH allocations for PS Calls in DL with conversational class in the SRNC	Sum, nkcttbh, nkrttbh, tot
nrt_dch_allo_for_ps_call_backg_class_16_kbps_in_ul_in_srnc	nok_nkcel_tfnrpsbgsr_tab.s4g2ixpahl26seccb00hw01qk4	INT8	#	Number of 16 kbps NRT DCH allocations for PS Calls in UL with conversational class in the SRNC	Sum, nkcttbh, nkrttbh, tot
nrt_dch_allo_for_ps_call_backg_class_256_kbps_in_dl_in_srnc	nok_nkcel_tfnrpsbgsr_tab.s51jdsxahl26seccb00hw01qk4	INT8	#	Number of 256 kbps NRT DCH allocations for PS Calls in DL with conversational class in the SRNC	Sum, nkcttbh, nkrttbh, tot
nrt_dch_allo_for_ps_call_backg_class_256_kbps_in_ul_in_srnc	nok_nkcel_tfnrpsbgsr_tab.s4jqe1xahl26seccb00hw01qk4	INT8	#	Number of 256 kbps NRT DCH allocations for PS Calls in UL with conversational class	Sum, nkcttbh, nkrttbh, tot

This edition applies to IBM® Tivoli® Netcool® Performance Manager for Wireless and to all subsequent releases and modifications until otherwise indicated in new editions.

				in the SRNC	
nrt_dch_allo_for_ps_call_backg_class_32_kbps_in_dl_in_srnc	nok_nkcel_tfnrpsbgsr_tab.s4xssupahl26seccb00hw01qk4	INT8	#	Number of 32 kbps NRT DCH allocations for PS Calls in DL with conversational class in the SRNC	Sum, nkcttbh, nkrttbh, tot
nrt_dch_allo_for_ps_call_backg_class_32_kbps_in_ul_in_srnc	nok_nkcel_tfnrpsbgsr_tab.s4gwqctahl26seccb00hw01qk4	INT8	#	Number of 32 kbps NRT DCH allocations for PS Calls in UL with conversational class in the SRNC	Sum, nkcttbh, nkrttbh, tot
nrt_dch_allo_for_ps_call_backg_class_320_kbps_in_dl_in_srnc	nok_nkcel_tfnrpsbgsr_tab.s52ekwlahl26seccb00hw01qk4	INT8	#	- Obsolete in RN2.2 - Number of 320 kbps NRT DCH allocations for PS Calls in DL with conversational class in the SRNC	Sum, nkcttbh, nkrttbh, tot
nrt_dch_allo_for_ps_call_backg_class_320_kbps_in_ul_in_srnc	nok_nkcel_tfnrpsbgsr_tab.s4kmhhlahl26seccb00hw01qk4	INT8	#	- Obsolete in RN2.2 - Number of 320 kbps NRT DCH allocations for PS Calls in UL with conversational class in the SRNC	Sum, nkcttbh, nkrttbh, tot
nrt_dch_allo_for_ps_call_backg_class_384_kbps_in_dl_in_srnc	nok_nkcel_tfnrpsbgsr_tab.s53aqttahl26seccb00hw01qk4	INT8	#	Number of 384 kbps NRT DCH allocations for PS Calls in DL with conversational class in the SRNC	Sum, nkcttbh, nkrttbh, tot
nrt_dch_allo_for_ps_call_backg_class_384_kbps_in_ul_in_srnc	nok_nkcel_tfnrpsbgsr_tab.s4lj0idahl26seccb00hw01qk4	INT8	#	Number of 384 kbps NRT DCH allocations for PS Calls in UL with conversational class in the SRNC	Sum, nkcttbh, nkrttbh, tot
nrt_dch_allo_for_ps_call_backg_class	nok_nkcel_tfnrpsbgsr_tab.s4yrcodahl26seccb00hw01q	INT8	#	Number of 64 kbps NRT DCH	Sum, nkcttbh,

_64_kbps_in_dl_in_srnc	k4			allocations for PS Calls in DL with conversational class in the SRNC	nkrttbh, tot
nrt_dch_allo_for_ps_call_backg_class_64_kbps_in_ul_in_srnc	nok_nkcel_tfnrpsbgsr_tab.s4hs44lahl26seccb00hw01qk4	INT8	#	Number of 64 kbps NRT DCH allocations for PS Calls in UL with conversational class in the SRNC	Sum, nkcttbh, nkrttbh, tot
nrt_dch_allo_for_ps_call_backg_class_8_kbps_in_dl_in_srnc	nok_nkcel_tfnrpsbgsr_tab.s4me3jxahl26seccb00hw01qk4	INT8	#	Number of 8 kbps NRT DCH allocations for PS Calls in DL with conversational class in the SRNC	Sum, nkcttbh, nkrttbh, tot
nrt_dch_allo_for_ps_call_backg_class_8_kbps_in_ul_in_srnc	nok_nkcel_tfnrpsbgsr_tab.s4f0xudahl26seccb00hw01qk4	INT8	#	Number of 8 kbps NRT DCH allocations for PS Calls in UL with conversational class in the SRNC	Sum, nkcttbh, nkrttbh, tot
ul_ps_data_backg_class_throughput	nok_nkcel_tfnrpsbgsr_tab.s543swlahl26seccb00hw01qk4	FLOAT	kbps	Packet switched data throughput Uplink with background class (kbps/Second)	Average, avg, max, min, nkcttbh, nkrttbh, tot

6.6.180Cell.Nokia.UMTS.traffic.nrt_dch_allocations_ps_calls_intera_class.srnc

Traffic - NRT DCH allocation for PS interactive services at SRNC statistics

KPI Name	Expression	Data Type	Units	Description	Aggregation
dl_ps_data_intera_class_throughput	nok_nkcel_tfnrpsitsr_tab.s5p2pb2ahl26seccb00hw01qk	FLOAT	kbps	Packet switched data throughput	Average, avg, max,

	4			Downlink with interactive class (kbps/Second)	min, nkcttbh, nkrttbh, tot
nrt_dch_allo_for_ps_call_intera_128_kbps_in_dl_srnc	nok_nkcel_tfnrpsitsr_tab.s5jtkoxahl26seccb00hw01qk4	INT8	#	[nrt_dch_allo_for_ps_call_intera_class_128_kbps_in_dl_in_srnc] - Number of 128 kbps NRT DCH allocations for PS Calls in DL with conversational class in the SRNC	Sum, nkcttbh, nkrttbh, tot
nrt_dch_allo_for_ps_call_intera_128_kbps_in_ul_srnc	nok_nkcel_tfnrpsitsr_tab.s5ceq3hahl26seccb00hw01qk4	INT8	#	[nrt_dch_allo_for_ps_call_intera_class_128_kbps_in_ul_in_srnc] - Number of 128 kbps NRT DCH allocations for PS Calls in UL with conversational class in the SRNC	Sum, nkcttbh, nkrttbh, tot
nrt_dch_allo_for_ps_call_intera_256_kbps_in_dl_srnc	nok_nkcel_tfnrpsitsr_tab.s5kuj5pahl26seccb00hw01qk4	INT8	#	[nrt_dch_allo_for_ps_call_intera_class_256_kbps_in_dl_in_srnc] - Number of 256 kbps NRT DCH allocations for PS Calls in DL with conversational class in the SRNC	Sum, nkcttbh, nkrttbh, tot
nrt_dch_allo_for_ps_call_intera_256_kbps_in_ul_srnc	nok_nkcel_tfnrpsitsr_tab.s5d5vtdahl26seccb00hw01qk4	INT8	#	[nrt_dch_allo_for_ps_call_intera_class_256_kbps_in_ul_in_srnc] - Number of 256 kbps NRT DCH allocations for PS Calls in UL with conversational class in the SRNC	Sum, nkcttbh, nkrttbh, tot
nrt_dch_allo_for_ps_call_intera_320_kbps_in_dl_srnc	nok_nkcel_tfnrpsitsr_tab.s5lun26ahl26seccb00hw01qk4	INT8	#	- Obsolete in RN2.2 - [nrt_dch_allo_for_p	Sum, nkcttbh, nkrttbh,

				s_call_intera_class_320_kbps_in_dl_in_srnc] - Number of 320 kbps NRT DCH allocations for PS Calls in DL with conversational class in the SRNC	tot
nrt_dch_allo_for_ps_call_intera_320_kbps_in_ul_srnc	nok_nkcel_tfnrpsitsr_tab.s5e0or6ahl26seccb00hw01qk4	INT8	#	- Obsolete in RN2.2 - [nrt_dch_allo_for_ps_call_intera_class_320_kbps_in_ul_in_srnc] - Number of 320 kbps NRT DCH allocations for PS Calls in UL with conversational class in the SRNC	Sum, nkcttbh, nkrttbh, tot
nrt_dch_allo_for_ps_call_intera_384_kbps_in_dl_srnc	nok_nkcel_tfnrpsitsr_tab.s5n0wrxahl26seccb00hw01qk4	INT8	#	[nrt_dch_allo_for_ps_call_intera_class_384_kbps_in_dl_in_srnc] - Number of 384 kbps NRT DCH allocations for PS Calls in DL with conversational class in the SRNC	Sum, nkcttbh, nkrttbh, tot
nrt_dch_allo_for_ps_call_intera_384_kbps_in_ul_srnc	nok_nkcel_tfnrpsitsr_tab.s5etmblahl26seccb00hw01qk4	INT8	#	[nrt_dch_allo_for_ps_call_intera_class_384_kbps_in_ul_in_srnc] - Number of 384 kbps NRT DCH allocations for PS Calls in UL with conversational class in the SRNC	Sum, nkcttbh, nkrttbh, tot
nrt_dch_allo_for_p	nok_nkcel_tfnrpsitsr_tab.s5	INT8	#	Number of 8 kbps	Sum,

s_call_intera_class_8_kbps_in_dl_in_srnc	fusvxahl26seccb00hw01qk4			NRT DCH allocations for PS Calls in DL with conversational class in the SRNC	nkcttbh, nkrttbh, tot
nrt_dch_allo_for_ps_call_intera_class_8_kbps_in_ul_in_srnc	nok_nkcel_tfnrpsitsr_tab.s55v3j6ahl26seccb00hw01qk4	INT8	#	Number of 8 kbps NRT DCH allocations for PS Calls in UL with conversational class in the SRNC	Sum, nkcttbh, nkrttbh, tot
nrt_dch_allo_ps_call_intera_class_16_kbps_in_dl_srnc	nok_nkcel_tfnrpsitsr_tab.s5gpmtpahl26seccb00hw01qk4	INT8	#	nrt_dch_allo_for_ps_call_intera_class_16_kbps_in_dl_in_srnc:Number of 16 kbps NRT DCH allocations for PS Calls in DL with conversational class in the SRNC	Sum, nkcttbh, nkrttbh, tot
nrt_dch_allo_ps_call_intera_class_16_kbps_in_ul_srnc	nok_nkcel_tfnrpsitsr_tab.s56q2s6ahl26seccb00hw01qk4	INT8	#	nrt_dch_allo_for_ps_call_intera_class_16_kbps_in_ul_in_srnc:Number of 16 kbps NRT DCH allocations for PS Calls in UL with conversational class in the SRNC	Sum, nkcttbh, nkrttbh, tot
nrt_dch_allo_ps_call_intera_class_32_kbps_in_dl_srnc	nok_nkcel_tfnrpsitsr_tab.s5hlttdahl26seccb00hw01qk4	INT8	#	nrt_dch_allo_for_ps_call_intera_class_32_kbps_in_dl_in_srnc:Number of 32 kbps NRT DCH allocations for PS Calls in DL with conversational class in the SRNC	Sum, nkcttbh, nkrttbh, tot
nrt_dch_allo_ps_call_intera_class_32_kbps_in_ul_srnc	nok_nkcel_tfnrpsitsr_tab.s5al5phahl26seccb00hw01qk4	INT8	#	nrt_dch_allo_for_ps_call_intera_class_32_kbps_in_ul_in_srnc:Number of 32 kbps NRT DCH	Sum, nkcttbh, nkrttbh, tot

				allocations for PS Calls in UL with conversational class in the SRNC	
nrt_dch_allo_ps_call_intera_class_64_kbps_in_dl_srnc	nok_nkcel_tfnrpsitsr_tab.s5iod0tahl26seccb00hw01qk4	INT8	#	nrt_dch_allo_for_ps_call_intera_class_64_kbps_in_dl_in_srnc:Number of 64 kbps NRT DCH allocations for PS Calls in DL with conversational class in the SRNC	Sum, nkcttbh, nkrttbh, tot
nrt_dch_allo_ps_call_intera_class_64_kbps_in_ul_srnc	nok_nkcel_tfnrpsitsr_tab.s5bhvgtahl26seccb00hw01qk4	INT8	#	nrt_dch_allo_for_ps_call_intera_class_64_kbps_in_ul_in_srnc:Number of 64 kbps NRT DCH allocations for PS Calls in UL with conversational class in the SRNC	Sum, nkcttbh, nkrttbh, tot
ul_ps_data_intera_class_throughput	nok_nkcel_tfnrpsitsr_tab.s5o45f2ahl26seccb00hw01qk4	FLOAT	kbps	Packet switched data throughput Uplink with interactive class (kbps/Second)	Average, avg, max, min, nkcttbh, nkrttbh, tot

6.6.181Cell.Nokia.UMTS.traffic.nrt_dch_duration_ps_calls_backg_class.srnc

Traffic - NRT DCH allocation durations for PS background services at SRNC statistics

KPI Name	Expression	Data Type	Units	Description	Aggregation
nrt_dch_allo_dur_for_ps_call_backg_class_16_kbps_in_	nok_nkcel_tfnrpdcsbgfsr_tab.s5y6f52ahl26seccb00hw01qk4	INTEGER	10ms	Duration of 16 kbps NRT DCH allocation for PS	Sum, nkcttbh, nkrttbh,

dl_in_srnc				Calls in DL with background class in the SRNC	tot
nrt_dch_allo_dur_for_ps_call_backg_class_16_kbps_in_ul_in_srnc	nok_nkcel_tfnrpdcsbgfsr_tab.s5qx15pahl26seccb00hw01qk4	INTEGER	10ms	Duration of 16 kbps NRT DCH allocation for PS Calls in UL with background class in the SRNC	Sum, nkcttbh, nkrttbh, tot
nrt_dch_allo_dur_for_ps_call_backg_class_32_kbps_in_dl_in_srnc	nok_nkcel_tfnrpdcsbgfsr_tab.s602rmpahl26seccb00hw01qk4	INTEGER	10ms	Duration of 32 kbps NRT DCH allocation for PS Calls in DL with background class in the SRNC	Sum, nkcttbh, nkrttbh, tot
nrt_dch_allo_dur_for_ps_call_backg_class_32_kbps_in_ul_in_srnc	nok_nkcel_tfnrpdcsbgfsr_tab.s5rtm22ahl26seccb00hw01qk4	INTEGER	10ms	Duration of 32 kbps NRT DCH allocation for PS Calls in UL with background class in the SRNC	Sum, nkcttbh, nkrttbh, tot
nrt_dch_allo_dur_for_ps_call_backg_class_64_kbps_in_dl_in_srnc	nok_nkcel_tfnrpdcsbgfsr_tab.s60y2vdahl26seccb00hw01qk4	INTEGER	10ms	Duration of 64 kbps NRT DCH allocation for PS Calls in DL with background class in the SRNC	Sum, nkcttbh, nkrttbh, tot
nrt_dch_allo_dur_for_ps_call_backg_class_64_kbps_in_ul_in_srnc	nok_nkcel_tfnrpdcsbgfsr_tab.s5sq6clahl26seccb00hw01qk4	INTEGER	10ms	Duration of 64 kbps NRT DCH allocation for PS Calls in UL with background class in the SRNC	Sum, nkcttbh, nkrttbh, tot
nrt_dch_allo_dur_for_ps_call_backg_class_8_kbps_in_dl_in_srnc	nok_nkcel_tfnrpdcsbgfsr_tab.s5xb4wtahl26seccb00hw01qk4	INTEGER	10ms	Duration of 8 kbps NRT DCH allocation for PS Calls in DL with background class in the SRNC	Sum, nkcttbh, nkrttbh, tot
nrt_dch_allo_dur_for_ps_call_backg_	nok_nkcel_tfnrpdcsbgfsr_tab.s5q1aa6ahl26seccb00hw0	INTEGER	10ms	Duration of 8 kbps NRT DCH	Sum, nkcttbh,

class_8_kbps_in_ul_in_srnc	1qk4			allocation for PS Calls in UL with background class in the SRNC	nkrttbh, tot
nrt_dch_allo_dur_ps_call_backg_class_128_kbps_in_dl_srnc	nok_nkcel_tfnrpdcsbgfsr_tab.s61xeedahl26seccb00hw01qk4	INTEGER	10ms	nrt_dch_allo_dur_for_ps_call_backg_class_128_kbps_in_dl_in_srnc:Duration of 128 kbps NRT DCH allocation for PS Calls in DL with background class in the SRNC	Sum, nkcttbh, nkrttbh, tot
nrt_dch_allo_dur_ps_call_backg_class_128_kbps_in_ul_srnc	nok_nkcel_tfnrpdcsbgfsr_tab.s5tmcp6ahl26seccb00hw01qk4	INTEGER	10ms	nrt_dch_allo_dur_for_ps_call_backg_class_128_kbps_in_ul_in_srnc:Duration of 128 kbps NRT DCH allocation for PS Calls in UL with background class in the SRNC	Sum, nkcttbh, nkrttbh, tot
nrt_dch_allo_dur_ps_call_backg_class_256_kbps_in_dl_srnc	nok_nkcel_tfnrpdcsbgfsr_tab.s62wwgtahl26seccb00hw01qk4	INTEGER	10ms	nrt_dch_allo_dur_for_ps_call_backg_class_256_kbps_in_dl_in_srnc:Duration of 256 kbps NRT DCH allocation for PS Calls in DL with background class in the SRNC	Sum, nkcttbh, nkrttbh, tot
nrt_dch_allo_dur_ps_call_backg_class_256_kbps_in_ul_srnc	nok_nkcel_tfnrpdcsbgfsr_tab.s5uh6thahl26seccb00hw01qk4	INTEGER	10ms	nrt_dch_allo_dur_for_ps_call_backg_class_256_kbps_in_ul_in_srnc:Duration of 256 kbps NRT DCH allocation for PS Calls in UL with	Sum, nkcttbh, nkrttbh, tot

This edition applies to IBM® Tivoli® Netcool® Performance Manager for Wireless and to all subsequent releases and modifications until otherwise indicated in new editions.

				background class in the SRNC	
nrt_dch_allo_dur_ps_call_backg_class_320_kbps_in_dl_srnc	nok_nkcel_tfnrpdcsbgfsr_tab.s64hnmlahl26seccb00hw01qk4	INTEGER	10ms	nrt_dch_allo_dur_for_ps_call_backg_class_320_kbps_in_dl_in_srnc:-Obsolete in RN2.2 - Duration of 320 kbps NRT DCH allocation for PS Calls in DL with background class in the SRNC	Sum, nkcttbh, nkrttbh, tot
nrt_dch_allo_dur_ps_call_backg_class_320_kbps_in_ul_srnc	nok_nkcel_tfnrpdcsbgfsr_tab.s5veuptahl26seccb00hw01qk4	INTEGER	10ms	nrt_dch_allo_dur_for_ps_call_backg_class_320_kbps_in_ul_in_srnc:-Obsolete in RN2.2 - Duration of 320 kbps NRT DCH allocation for PS Calls in UL with background class in the SRNC	Sum, nkcttbh, nkrttbh, tot
nrt_dch_allo_dur_ps_call_backg_class_384_kbps_in_dl_srnc	nok_nkcel_tfnrpdcsbgfsr_tab.s65esctahl26seccb00hw01qk4	INTEGER	10ms	nrt_dch_allo_dur_for_ps_call_backg_class_384_kbps_in_dl_in_srnc:Duration of 384 kbps NRT DCH allocation for PS Calls in DL with background class in the SRNC	Sum, nkcttbh, nkrttbh, tot
nrt_dch_allo_dur_ps_call_backg_class_384_kbps_in_ul_srnc	nok_nkcel_tfnrpdcsbgfsr_tab.s5wbqfdahl26seccb00hw01qk4	INTEGER	10ms	nrt_dch_allo_dur_for_ps_call_backg_class_384_kbps_in_ul_in_srnc:Duration of 384 kbps NRT DCH allocation for PS Calls in UL with background class in the SRNC	Sum, nkcttbh, nkrttbh, tot

6.6.182Cell.Nokia.UMTS.traffic.nrt_dch_duration_ps_calls_intera_class.srnc

Traffic - NRT DCH allocation durations for PS interactive services at SRNC statistics

KPI Name	Expression	Data Type	Units	Description	Aggregation
nrt_dch_allo_dur_for_ps_call_intera_128_kbps_in_dl_srnc	nok_nkcel_tfnrpdcsitfsr_tab.s6jxaahahl26seccb00hw01qk4	INTEGER	10ms	[nrt_dch_allo_dur_for_ps_call_intera_class_128_kbps_in_dl_in_srnc] - Duration of 128 kbps NRT DCH allocation for PS Calls in DL with interactive class in the SRNC	Sum, nkcttbh, nkrttbh, tot
nrt_dch_allo_dur_for_ps_call_intera_128_kbps_in_ul_srnc	nok_nkcel_tfnrpdcsitfsr_tab.s6d1nm6ahl26seccb00hw01qk4	INTEGER	10ms	[nrt_dch_allo_dur_for_ps_call_intera_class_128_kbps_in_ul_in_srnc] - Duration of 128 kbps NRT DCH allocation for PS Calls in UL with interactive class in the SRNC	Sum, nkcttbh, nkrttbh, tot
nrt_dch_allo_dur_for_ps_call_intera_16_kbps_in_dl_srnc	nok_nkcel_tfnrpdcsitfsr_tab.s6hfunhahl26seccb00hw01qk4	INTEGER	10ms	[nrt_dch_allo_dur_for_ps_call_intera_class_16_kbps_in_dl_in_srnc] - Duration of 16 kbps NRT DCH allocation for PS Calls in DL with interactive class in the SRNC	Sum, nkcttbh, nkrttbh, tot
nrt_dch_allo_dur_for_ps_call_intera_16_kbps_in_ul_srnc	nok_nkcel_tfnrpdcsitfsr_tab.s6ackdxahl26seccb00hw01qk4	INTEGER	10ms	[nrt_dch_allo_dur_for_ps_call_intera_class_16_kbps_in_ul_in_srnc] -	Sum, nkcttbh, nkrttbh, tot

				Duration of 16 kbps NRT DCH allocation for PS Calls in UL with interactive class in the SRNC	
nrt_dch_allo_dur_for_ps_call_intera_256_kbps_in_dl_srnc	nok_nkcel_tfnrpdcsitfsr_tab.s6krcexahl26seccb00hw01qk4	INTEGER	10ms	[nrt_dch_allo_dur_for_ps_call_intera_class_256_kbps_in_dl_in_srnc] - Duration of 256 kbps NRT DCH allocation for PS Calls in DL with interactive class in the SRNC	Sum, nkcttbh, nkrttbh, tot
nrt_dch_allo_dur_for_ps_call_intera_256_kbps_in_ul_srnc	nok_nkcel_tfnrpdcsitfsr_tab.s6dxtgpahl26seccb00hw01qk4	INTEGER	10ms	- Obsolete in RN3.0 - [nrt_dch_allo_dur_for_ps_call_intera_class_256_kbps_in_ul_in_srnc] - Duration of 256 kbps NRT DCH allocation for PS Calls in UL with interactive class in the SRNC	Sum, nkcttbh, nkrttbh, tot
nrt_dch_allo_dur_for_ps_call_intera_32_kbps_in_dl_srnc	nok_nkcel_tfnrpdcsitfsr_tab.s6ic5lhahl26seccb00hw01qk4	INTEGER	10ms	[nrt_dch_allo_dur_for_ps_call_intera_class_32_kbps_in_dl_in_srnc] - Duration of 32 kbps NRT DCH allocation for PS Calls in DL with interactive class in the SRNC	Sum, nkcttbh, nkrttbh, tot
nrt_dch_allo_dur_for_ps_call_intera_32_kbps_in_ul_srnc	nok_nkcel_tfnrpdcsitfsr_tab.s6b6yplahl26seccb00hw01qk4	INTEGER	10ms	[nrt_dch_allo_dur_for_ps_call_intera_class_32_kbps_in_ul_in_srnc] - Duration of 32 kbps	Sum, nkcttbh, nkrttbh, tot

				NRT DCH allocation for PS Calls in UL with interactive class in the SRNC	
nrt_dch_allo_dur_for_ps_call_intera_320_kbps_in_dl_srnc	nok_nkcel_tfnrpdcsitfsr_tab.s6lkw36ahl26seccb00hw01qk4	INTEGER	10ms	- Obsolete in RN2.2 - [nrt_dch_allo_dur_for_ps_call_intera_class_320_kbps_in_dl_in_srnc] - Duration of 320 kbps NRT DCH allocation for PS Calls in DL with interactive class in the SRNC	Sum, nkcttbh, nkrttbh, tot
nrt_dch_allo_dur_for_ps_call_intera_320_kbps_in_ul_srnc	nok_nkcel_tfnrpdcsitfsr_tab.s6eu4uxahl26seccb00hw01qk4	INTEGER	10ms	- Obsolete in RN2.2 - [nrt_dch_allo_dur_for_ps_call_intera_class_320_kbps_in_ul_in_srnc] - Duration of 320 kbps NRT DCH allocation for PS Calls in UL with interactive class in the SRNC	Sum, nkcttbh, nkrttbh, tot
nrt_dch_allo_dur_for_ps_call_intera_384_kbps_in_dl_srnc	nok_nkcel_tfnrpdcsitfsr_tab.s6mger2ahl26seccb00hw01qk4	INTEGER	10ms	[nrt_dch_allo_dur_for_ps_call_intera_class_384_kbps_in_dl_in_srnc] - Duration of 384 kbps NRT DCH allocation for PS Calls in DL with interactive class in the SRNC	Sum, nkcttbh, nkrttbh, tot

This edition applies to IBM® Tivoli® Netcool® Performance Manager for Wireless and to all subsequent releases and modifications until otherwise indicated in new editions.

nrt_dch_allo_dur_for_ps_call_intera_384_kbps_in_ul_srnc	nok_nkcel_tfnrpdcsitfsr_tab.s6fpc3pahl26seccb00hw01qk4	INTEGER	10ms	[nrt_dch_allo_dur_for_ps_call_intera_class_384_kbps_in_ul_in_srnc] - Duration of 384 kbps NRT DCH allocation for PS Calls in UL with interactive class in the SRNC	Sum, nkcttbh, nkrttbh, tot
nrt_dch_allo_dur_for_ps_call_intera_64_kbps_in_dl_srnc	nok_nkcel_tfnrpdcsitfsr_tab.s6j3g26ahl26seccb00hw01qk4	INTEGER	10ms	[nrt_dch_allo_dur_for_ps_call_intera_class_64_kbps_in_dl_in_srnc] - Duration of 64 kbps NRT DCH allocation for PS Calls in DL with interactive class in the SRNC	Sum, nkcttbh, nkrttbh, tot
nrt_dch_allo_dur_for_ps_call_intera_64_kbps_in_ul_srnc	nok_nkcel_tfnrpdcsitfsr_tab.s6c46n2ahl26seccb00hw01qk4	INTEGER	10ms	[nrt_dch_allo_dur_for_ps_call_intera_class_64_kbps_in_ul_in_srnc] - Duration of 64 kbps NRT DCH allocation for PS Calls in UL with interactive class in the SRNC	Sum, nkcttbh, nkrttbh, tot
nrt_dch_allo_dur_ps_call_intera_class_8_kbps_in_dl_srnc	nok_nkcel_tfnrpdcsitfsr_tab.s6gke12ahl26seccb00hw01qk4	INTEGER	10ms	nrt_dch_allo_dur_for_ps_call_intera_class_8_kbps_in_dl_in_srnc:Duration of 8 kbps NRT DCH allocation for PS Calls in DL with interactive class in the SRNC	Sum, nkcttbh, nkrttbh, tot
nrt_dch_allo_dur_ps_call_intera_class_8_kbps_in_ul_srnc	nok_nkcel_tfnrpdcsitfsr_tab.s66dyq6ahl26seccb00hw01qk4	INTEGER	10ms	nrt_dch_allo_dur_for_ps_call_intera_class_8_kbps_in_ul_in_srnc:Duration of	Sum, nkcttbh, nkrttbh, tot

				8 kbps NRT DCH allocation for PS Calls in UL with interactive class in the SRNC	

6.6.183Cell.Nokia.UMTS.traffic.nrt_dch_reconfiguration

NRT DCH reconfiguration statistics

KPI Name	Expression	Data Type	Units	Description	Aggregation
rej_dch_rec_due_codes_bgr_dl	nok_nkcel_nrttchreconf_tab.xdrxajndmm2aicsd002uaxybdk	INTEGER	#	The number of NRT DCH reconfiguration rejects for background traffic class due to running out of channelization codes in DL.	Sum, nkcttbh, nkrttbh, tot
rej_dch_rec_due_codes_int_dl	nok_nkcel_nrttchreconf_tab.xdrxajldmm2aicsd002uaxybdk	INTEGER	#	The number of NRT DCH reconfiguration rejects for interactive traffic class due to running out of channelization codes in DL.	Sum, nkcttbh, nkrttbh, tot
rej_dch_rec_due_pwr_bgr_dl	nok_nkcel_nrttchreconf_tab.xdrxajrdmm2aicsd002uaxybdk	INTEGER	#	The number of NRT DCH reconfiguration rejects for background traffic class due to power limits in DL.	Sum, nkcttbh, nkrttbh, tot
rej_dch_rec_due_p	nok_nkcel_nrttchreconf_ta	INTEG	#	The number of NRT	Sum,

wr_bgr_ul	b.xdrxao2dmm2aicsd002uaxybdk	ER		DCH reconfiguration rejects for background traffic class due to power limits in UL.	nkcttbh, nkrttbh, tot
rej_dch_rec_due_pwr_int_dl	nok_nkcel_nrttchreconf_tab.xdrxajpdmm2aicsd002uaxybdk	INTEGER	#	The number of NRT DCH reconfiguration rejects for interactive traffic class due to power limits in DL.	Sum, nkcttbh, nkrttbh, tot
rej_dch_rec_due_pwr_int_ul	nok_nkcel_nrttchreconf_tab.xdrxao0dmm2aicsd002uaxybdk	INTEGER	#	The number of NRT DCH reconfiguration rejects for interactive traffic class due to power limits in UL.	Sum, nkcttbh, nkrttbh, tot

6.6.184Cell.Nokia.UMTS.traffic.nrt_dch_setup_reject

NRT DCH setup reject statistics

KPI Name	Expression	Data Type	Units	Description	Aggregation
rej_dch_due_codes_bgr_dl	nok_nkcel_tfnrtfrej_tab.xdrxajfdmm2aicsd002uaxybdk	INTEGER	#	The number of NRT DCH setup rejects for background traffic class due to running out of codes in DL.	Sum, nkcttbh, nkrttbh, tot
rej_dch_due_codes_int_dl	nok_nkcel_tfnrtfrej_tab.xdrxajddmm2aicsd002uaxybdk	INTEGER	#	The number of NRT DCH setup rejects for interactive traffic class due to running out of channelization codes in DL.	Sum, nkcttbh, nkrttbh, tot
rej_dch_due_powe	nok_nkcel_tfnrtfrej_tab.xdr	INTEG	#	The number of	Sum,

r_bgr_dl	xajjdmm2aicsd002uaxybdk	ER		NRT DCH setup rejects for background traffic class due to power limits in DL.	nkcttbh, nkrttbh, tot
rej_dch_due_power_bgr_ul	nok_nkcel_tfnrtfrej_tab.xdrxanxdmm2aicsd002uaxybdk	INTEGER	#	The number of NRT DCH setup rejects for background traffic class due to power limits in UL.	Sum, nkcttbh, nkrttbh, tot
rej_dch_due_power_int_dl	nok_nkcel_tfnrtfrej_tab.xdrxajhdmm2aicsd002uaxybdk	INTEGER	#	The number of NRT DCH setup rejects for interactive traffic class due to power limits in DL.	Sum, nkcttbh, nkrttbh, tot
rej_dch_due_power_int_ul	nok_nkcel_tfnrtfrej_tab.xdrxanvdmm2aicsd002uaxybdk	INTEGER	#	The number of NRT DCH setup rejects for interactive traffic class due to power limits in UL.	Sum, nkcttbh, nkrttbh, tot

6.6.185Cell.Nokia.UMTS.traffic.requests_and_allocations_for_compressed_mode.drnc

Traffic - Compressed mode requests and allocations at DRNC statistics

KPI Name	Expression	Data Type	Units	Description	Aggregation
allo_dura_for_com_mode_dl_in_drnc	nok_nkcel_tfrqalcmdr_tab.s6u4hl6ahl26seccb00hw01qk4	INT8	#	Allocated durations for a compressed mode in DL in DRNC	Sum, nkcttbh, nkrttbh, tot
allo_dura_for_com_mode_dl_using_hls_method_in_drnc	nok_nkcel_tfrqalcmdr_tab.sa2w3adahl26seccb00hw01qk4	INT8	10ms	Summary of allocated durations for compressed	Sum, nkcttbh, nkrttbh,

				mode in DL using the high layer scheduling method in DRNC.	tot
allo_dura_for_com_mode_dl_using_sf2_method_in_drnc	nok_nkcel_tfrqalcmdr_tab.sa12d1tahl26seccb00hw01qk4	INT8	10ms	Summary of allocated durations for compressed mode in DL using the SF/2 method in DRNC.	Sum, nkcttbh, nkrttbh, tot
allo_dura_for_com_mode_ul_in_drnc	nok_nkcel_tfrqalcmdr_tab.s6t2ge6ahl26seccb00hw01qk4	INT8	#	Allocated durations for a compressed mode in UL in DRNC	Sum, nkcttbh, nkrttbh, tot
allo_dura_for_com_mode_ul_using_hls_method_in_drnc	nok_nkcel_tfrqalcmdr_tab.sa20kmpahl26seccb00hw01qk4	INT8	10ms	Summary of allocated durations for compressed mode in UL using the high layer scheduling method in DRNC.	Sum, nkcttbh, nkrttbh, tot
allo_dura_for_com_mode_ul_using_sf2_method_in_drnc	nok_nkcel_tfrqalcmdr_tab.sa05fi2ahl26seccb00hw01qk4	INT8	10ms	Summary of allocated durations for compressed mode in UL using the SF/2 method in DRNC.	Sum, nkcttbh, nkrttbh, tot
allo_for_com_mode_dl_in_drnc	nok_nkcel_tfrqalcmdr_tab.s6rxtctahl26seccb00hw01qk4	INT8	#	Allocations for a compressed mode in DL in DRNC	Sum, nkcttbh, nkrttbh, tot
allo_for_com_mode_dl_using_hls_method_in_drnc	nok_nkcel_tfrqalcmdr_tab.s6y6dslahl26seccb00hw01qk4	INT8	#	The number of allocations for compressed mode in DL using the high layer scheduling method in DRNC.	Sum, nkcttbh, nkrttbh, tot
allo_for_com_mode_dl_using_sf2_method_in_drnc	nok_nkcel_tfrqalcmdr_tab.s6w1qhdahl26seccb00hw01qk4	INT8	#	The number of allocations for compressed mode	Sum, nkcttbh, nkrttbh,

				in DL using the SF/2 method in DRNC.	tot
allo_for_com_mode_ul_in_drnc	nok_nkcel_tfrqalcmdr_tab.s6qycidahl26seccb00hw01qk4	INT8	#	Allocations for a compressed mode in UL in DRNC	Sum, nkcttbh, nkrttbh, tot
allo_for_com_mode_ul_using_hls_method_in_drnc	nok_nkcel_tfrqalcmdr_tab.s6wy1lxahl26seccb00hw01qk4	INT8	#	The number of allocations for compressed mode in UL using the high layer scheduling method in DRNC.	Sum, nkcttbh, nkrttbh, tot
allo_for_com_mode_ul_using_sf2_method_in_drnc	nok_nkcel_tfrqalcmdr_tab.s6v2futahl26seccb00hw01qk4	INT8	#	The number of allocations for compressed mode in UL using the SF/2 method in DRNC.	Sum, nkcttbh, nkrttbh, tot
req_for_com_mode_dl_in_drnc	nok_nkcel_tfrqalcmdr_tab.s6o5ehhahl26seccb00hw01qk4	INT8	#	Requests for a compressed mode in DL in DRNC. Also called REQ_FOR_COM_MODE_DL_HHO_IN_DRNC	Sum, nkcttbh, nkrttbh, tot
req_for_com_mode_dl_reject_in_drnc	nok_nkcel_tfrqalcmdr_tab.s6q1ippahl26seccb00hw01qk4	INT8	#	Requests for a compressed mode in DL rejected by the DRNC for radio resource reasons in the target cell.	Sum, nkcttbh, nkrttbh, tot
req_for_com_mode_ul_in_drnc	nok_nkcel_tfrqalcmdr_tab.s6ndxd2ahl26seccb00hw01qk4	INT8	#	Requests for a compressed mode in UL in DRNC	Sum, nkcttbh, nkrttbh, tot
req_for_com_mode	nok_nkcel_tfrqalcmdr_tab.	INT8	#	Requests for a	Sum,

This edition applies to IBM® Tivoli® Netcool® Performance Manager for Wireless and to all subsequent releases and modifications until otherwise indicated in new editions.

_ul_reject_in_drnc	s6p3n56ahl26seccb00hw01qk4			compressed mode in UL rejected by the DRNC for radio resource reasons in the target cell.	nkcttbh, nkrttbh, tot

6.6.186Cell.Nokia.UMTS.traffic.requests_and_allocations_for_signalling_links.srnc

Traffic - Signalling link requests and allocations at SRNC statistics

KPI Name	Expression	Data Type	Units	Description	Aggregation
dch_allo_dura_for_sig_link_1_7_kbps_in_srnc	nok_nkcel_tfrqalsglsr_tab.sagyvxpahl26seccb00hw01qk4	INTEGER	10ms	A number of DCH allocated durations. Signalling link 1.7 kpbs allocations in UL/DL	Average, avg, max, min, nkcttbh, nkrttbh, tot
dch_allo_dura_for_sig_link_13_6_kbps_in_srnc	nok_nkcel_tfrqalsglsr_tab.saj06tlahl26seccb00hw01qk4	INTEGER	10ms	A number of DCH allocated durations. Signalling link 13.6 kpbs allocations in UL/DL	Average, avg, max, min, nkcttbh, nkrttbh, tot
dch_allo_dura_for_sig_link_3_4_kbps_in_srnc	nok_nkcel_tfrqalsglsr_tab.sahy3xtahl26seccb00hw01qk4	INTEGER	10ms	A number of DCH allocated durations. Signalling link 3.4 kpbs allocations in UL/DL	Average, avg, max, min, nkcttbh, nkrttbh, tot
dch_allo_for_sig_link_1_7_kbps_in_srnc	nok_nkcel_tfrqalsglsr_tab.saeat2xahl26seccb00hw01qk4	INT8	#	A number of DCH allocations for a signalling link in the SRNC. Signalling link 1.7 kbps allocations in UL/DL	Sum, nkcttbh, nkrttbh, tot
dch_allo_for_sig_link_13_6_kbps_in_srnc	nok_nkcel_tfrqalsglsr_tab.sag0tytahl26seccb00hw01qk4	INT8	#	A number of DCH allocations for a signalling link in the SRNC. Signalling link 13.6	Sum, nkcttbh, nkrttbh, tot

				kbps allocations in UL/DL	
dch_allo_for_sig_link_3_4_kbps_in_srnc	nok_nkcel_tfrqalsglsr_tab.saf4vfxahl26seccb00hw01qk4	INT8	#	A number of DCH allocations for a signalling link in the SRNC. Signalling link 3.4 kbps allocations in UL/DL	Sum, nkcttbh, nkrttbh, tot
dch_allo_for_sig_link_from_hspa_to_hspa_layer	nok_nkcel_tfrqalsglsr_tab.uaqacwj1im2ahsxr0035xkcuai	INTEGER	#	The number of DCH allocations for signaling link from HSPA layer to HSPA layer due to Directed RRC Connection Setup for HSPA layer.	Sum, nkcttbh, nkrttbh, tot
dch_allo_for_sig_link_from_hspa_to_non_hspa_layer	nok_nkcel_tfrqalsglsr_tab.uaqacwh1im2ahsxr0035xkcuai	INTEGER	#	The number of DCH allocations for signaling link from HSPA layer to non-HSPA layer due to Directed RRC Connection Setup for HSPA layer.	Sum, nkcttbh, nkrttbh, tot
dch_allo_for_sig_link_from_non_hspa_to_hspa_layer	nok_nkcel_tfrqalsglsr_tab.uaqacwf1im2ahsxr0035xkcuai	INTEGER	#	The number of DCH allocations for signaling link from non-HSPA layer to HSPA layer due to Directed RRC Connection Setup for HSPA layer.	Sum, nkcttbh, nkrttbh, tot
dch_dho_req_for_sig_link_in_srnc	nok_nkcel_tfrqalsglsr_tab.saamfwdahl26seccb00hw01qk4	INT8	#	Total number of DCH requests for a signalling link because of the diversity handover	Sum, nkcttbh, nkrttbh, tot

				in the SRNC	
dch_dho_req_for_sig_link_reject_in_srnc	nok_nkcel_tfrqalsglsr_tab.sabikfdahl26seccb00hw01qk4	INT8	#	Total number of DCH requests for a signalling link rejected by the SRNC for reasons caused by radio resources in the target cell of the diversity handover	Sum, nkcttbh, nkrttbh, tot
dch_hho_req_for_sig_link_in_srnc	nok_nkcel_tfrqalsglsr_tab.sachugxahl26seccb00hw01qk4	INT8	#	Total number of DCH requests for a signalling link due to the hard handover in the SRNC	Sum, nkcttbh, nkrttbh, tot
dch_hho_req_for_sig_link_reject_in_srnc	nok_nkcel_tfrqalsglsr_tab.sadembxahl26seccb00hw01qk4	INT8	#	Total number of DCH requests for a signalling link rejected by the SRNC for reasons caused by radio resources in the target cell of the hard handover	Sum, nkcttbh, nkrttbh, tot
dch_req_for_rrc_conn_in_srnc	nok_nkcel_tfrqalsglsr_tab.sa6p3xtahl26seccb00hw01qk4	INT8	#	Total number of DCH requests for RRC connection establishment in the SRNC	Sum, nkcttbh, nkrttbh, tot
dch_req_for_sig_link_in_srnc	nok_nkcel_tfrqalsglsr_tab.sa3vt2xahl26seccb00hw01qk4	INT8	#	Total number of DCH requests for a signalling link in the SRNC. Includes RRC connection establishments, RRC state changes and handovers	Sum, nkcttbh, nkrttbh, tot
dch_req_for_sig_link_reject_in_dl_in_srnc	nok_nkcel_tfrqalsglsr_tab.sa5prcxahl26seccb00hw01qk4	INT8	#	Total number of DCH requests for a signalling link rejected in the	Sum, nkcttbh, nkrttbh, tot

				SRNC for reasons caused by DL radio resources	
dch_req_for_sig_link_reject_in_ul_in_srnc	nok_nkcel_tfrqalsglsr_tab.sa4smk6ahl26seccb00hw01qk4	INT8	#	Total number of DCH requests for a signalling link rejected in the SRNC for reasons caused by UL radio resources	Sum, nkcttbh, nkrttbh, tot
signalling_throughput	nok_nkcel_tfrqalsglsr_tab.sak5j3lahl26seccb00hw01qk4	FLOAT	kbps	Signalling data throughput uplink and downlink	Average, avg, max, min, nkcttbh, nkrttbh, tot

6.6.187Cell.Nokia.UMTS.traffic.requests_compressed_mode.srnc

Traffic - Compressed mode requests at SRNC statistics

KPI Name	Expression	Data Type	Units	Description	Aggregation
req_for_com_mode_dl_reject_to_int_freq_hho_in_srnc	nok_nkcel_tfrqcmmodsr_tab.sapoxptahl26seccb00hw01qk4	INT8	#	Requests for a compressed mode in DL to Inter Frequency HHO rejected by the SRNC for radio resource reasons in the target cell	Sum, nkcttbh, nkrttbh, tot
req_for_com_mode_dl_reject_to_int_syst_hho_in_srnc	nok_nkcel_tfrqcmmodsr_tab.sarj2qhahl26seccb00hw01qk4	INT8	#	Requests for a compressed mode in DL to Inter System HHO rejected by the SRNC for radio resource reasons in	Sum, nkcttbh, nkrttbh, tot

				the target cell	
req_for_com_mode_dl_to_int_freq_hho_in_srnc	nok_nkcel_tfrqcmmodsr_tab.sam0iu2ahl26seccb00hw01qk4	INT8	#	Requests for a compressed mode in DL to Inter Frequency HHO in SRNC	Sum, nkcttbh, nkrttbh, tot
req_for_com_mode_dl_to_int_syst_hho_in_srnc	nok_nkcel_tfrqcmmodsr_tab.sanupohahl26seccb00hw01qk4	INT8	#	Requests for a compressed mode in DL to Inter System HHO in SRNC	Sum, nkcttbh, nkrttbh, tot
req_for_com_mode_ul_reject_to_int_freq_hho_in_srnc	nok_nkcel_tfrqcmmodsr_tab.saos10xahl26seccb00hw01qk4	INT8	#	Requests for a compressed mode in UL to Inter Frequency HHO rejected by the SRNC for radio resource reasons in the target cell	Sum, nkcttbh, nkrttbh, tot
req_for_com_mode_ul_reject_to_int_syst_hho_in_srnc	nok_nkcel_tfrqcmmodsr_tab.saqminxahl26seccb00hw01qk4	INT8	#	Requests for a compressed mode in UL to Inter System HHO rejected by the SRNC for radio resource reasons in the target cell	Sum, nkcttbh, nkrttbh, tot
req_for_com_mode_ul_to_int_freq_hho_in_srnc	nok_nkcel_tfrqcmmodsr_tab.sal2ue6ahl26seccb00hw01qk4	INT8	#	Requests for a compressed mode in UL to Inter Frequency HHO in SRNC	Sum, nkcttbh, nkrttbh, tot
req_for_com_mode_ul_to_int_syst_hho_in_srnc	nok_nkcel_tfrqcmmodsr_tab.samwxpdahl26seccb00hw01qk4	INT8	#	Requests for a compressed mode in UL to Inter System HHO in SRNC	Sum, nkcttbh, nkrttbh, tot

6.6.188Cell.Nokia.UMTS.traffic.rt_dch_allocations_ps_calls_conv_class.srnc

Traffic - RT DCH allocation for PS conversational services at SRNC statistics

KPI Name	Expression	Data Type	Units	Description	Aggregation
dl_ps_data_conv_class_throughput	nok_nkcel_tfrtpscvsr_tab.sbbp5uxahl26seccb00hw01qk4	FLOAT	kbps	Packet switched data throughput Downlink with conversational class (kbps/Second)	Average, avg, max, min, nkcttbh, nkrttbh, tot
rt_dch_allo_for_ps_call_conv_class_128_kbps_in_dl_in_srnc	nok_nkcel_tfrtpscvsr_tab.sb4236hahl26seccb00hw01qk4	INT8	#	- Obsolete in RN2.2 - Number of 128 kbps RT DCH allocations for PS Calls in DL with conversational class in the SRNC	Sum, nkcttbh, nkrttbh, tot
rt_dch_allo_for_ps_call_conv_class_128_kbps_in_ul_in_srnc	nok_nkcel_tfrtpscvsr_tab.savvcalahl26seccb00hw01qk4	INT8	#	- Obsolete in RN2.2 - Number of 128 kbps RT DCH allocations for PS Calls in UL with conversational class in the SRNC	Sum, nkcttbh, nkrttbh, tot
rt_dch_allo_for_ps_call_conv_class_16_kbps_in_dl_in_srnc	nok_nkcel_tfrtpscvsr_tab.sb16kgxahl26seccb00hw01qk4	INT8	#	- Obsolete in RN2.2 - Number of 16 kbps RT DCH allocations for PS Calls in DL with conversational class in the SRNC	Sum, nkcttbh, nkrttbh, tot
rt_dch_allo_for_ps_call_conv_class_16_kbps_in_ul_in_srnc	nok_nkcel_tfrtpscvsr_tab.satedclahl26seccb00hw01qk4	INT8	#	- Obsolete in RN2.2 - Number of 16 kbps RT DCH allocations for PS Calls in UL with conversational class in the SRNC	Sum, nkcttbh, nkrttbh, tot
rt_dch_allo_for_ps	nok_nkcel_tfrtpscvsr_tab.s	INT8	#	- Obsolete in RN2.2	Sum,

_call_conv_class_256_kbps_in_dl_in_srnc	b4xiihahl26seccb00hw01qk4			- Number of 256 kbps RT DCH allocations for PS Calls in DL with conversational class in the SRNC	nkcttbh, nkrttbh, tot
rt_dch_allo_for_ps_call_conv_class_256_kbps_in_ul_in_srnc	nok_nkcel_tfrtpscvsr_tab.sawp5bhahl26seccb00hw01qk4	INT8	#	- Obsolete in RN2.2 - Number of 256 kbps RT DCH allocations for PS Calls in UL with conversational class in the SRNC	Sum, nkcttbh, nkrttbh, tot
rt_dch_allo_for_ps_call_conv_class_32_kbps_in_dl_in_srnc	nok_nkcel_tfrtpscvsr_tab.sb25gshahl26seccb00hw01qk4	INT8	#	- Obsolete in RN2.2 - Number of 32 kbps RT DCH allocations for PS Calls in DL with conversational class in the SRNC	Sum, nkcttbh, nkrttbh, tot
rt_dch_allo_for_ps_call_conv_class_32_kbps_in_ul_in_srnc	nok_nkcel_tfrtpscvsr_tab.sauabxxahl26seccb00hw01qk4	INT8	#	- Obsolete in RN2.2 - Number of 32 kbps RT DCH allocations for PS Calls in UL with conversational class in the SRNC	Sum, nkcttbh, nkrttbh, tot
rt_dch_allo_for_ps_call_conv_class_320_kbps_in_dl_in_srnc	nok_nkcel_tfrtpscvsr_tab.sb5w506ahl26seccb00hw01qk4	INT8	#	- Obsolete in RN2.2 - Number of 320 kbps RT DCH allocations for PS Calls in DL with conversational class in the SRNC	Sum, nkcttbh, nkrttbh, tot
rt_dch_allo_for_ps_call_conv_class_320_kbps_in_ul_in_srnc	nok_nkcel_tfrtpscvsr_tab.saxk02xahl26seccb00hw01qk4	INT8	#	- Obsolete in RN2.2 - Number of 320 kbps RT DCH allocations for PS Calls in UL with conversational class in the SRNC	Sum, nkcttbh, nkrttbh, tot
rt_dch_allo_for_ps	nok_nkcel_tfrtpscvsr_tab.s	INT8	#	- Obsolete in RN2.2	Sum,

_call_conv_class_384_kbps_in_dl_in_srnc	b6se5lahl26seccb00hw01qk4			- Number of 384 kbps RT DCH allocations for PS Calls in DL with conversational class in the SRNC	nkcttbh, nkrttbh, tot
rt_dch_allo_for_ps_call_conv_class_384_kbps_in_ul_in_srnc	nok_nkcel_tfrtpscvsr_tab.sayelqlahl26seccb00hw01qk4	INT8	#	- Obsolete in RN2.2 - Number of 384 kbps RT DCH allocations for PS Calls in UL with conversational class in the SRNC	Sum, nkcttbh, nkrttbh, tot
rt_dch_allo_for_ps_call_conv_class_64_kbps_in_dl_in_srnc	nok_nkcel_tfrtpscvsr_tab.sb33bjpahl26seccb00hw01qk4	INT8	#	- Obsolete in RN2.2 - Number of 64 kbps RT DCH allocations for PS Calls in DL with conversational class in the SRNC	Sum, nkcttbh, nkrttbh, tot
rt_dch_allo_for_ps_call_conv_class_64_kbps_in_ul_in_srnc	nok_nkcel_tfrtpscvsr_tab.sav20jhahl26seccb00hw01qk4	INT8	#	- Obsolete in RN2.2 - Number of 64 kbps RT DCH allocations for PS Calls in UL with conversational class in the SRNC	Sum, nkcttbh, nkrttbh, tot
rt_dch_allo_for_ps_call_conv_class_8_kbps_in_dl_in_srnc	nok_nkcel_tfrtpscvsr_tab.sb0acp2ahl26seccb00hw01qk4	INT8	#	- Obsolete in RN2.2 - Number of 8 kbps RT DCH allocations for PS Calls in DL with conversational class in the SRNC	Sum, nkcttbh, nkrttbh, tot
rt_dch_allo_for_ps_call_conv_class_8_kbps_in_ul_in_srnc	nok_nkcel_tfrtpscvsr_tab.sashl6hahl26seccb00hw01qk4	INT8	#	- Obsolete in RN2.2 - Number of 8 kbps RT DCH allocations for PS	Sum, nkcttbh, nkrttbh, tot

				Calls in UL with conversational class in the SRNC	
ul_ps_data_conv_class_throughput	nok_nkcel_tfrtpscvsr_tab.sbarhjtahl26seccb00hw01qk4	FLOAT	kbps	Packet switched data throughput Uplink with conversational class (kbps/Second)	Average, avg, max, min, nkcttbh, nkrttbh, tot

6.6.189Cell.Nokia.UMTS.traffic.rt_dch_allocations_ps_calls_stream_class.srnc

Traffic - RT DCH allocation for PS streaming services at SRNC statistics

KPI Name	Expression	Data Type	Units	Description	Aggregation
dl_ps_data_stream_class_throughput	nok_nkcel_tfrtpsstsr_tab.sbu2ip6ahl26seccb00hw01qk4	FLOAT	kbps	Packet switched data throughput Uplink with stream class (kbps/Second)	Average, avg, max, min, nkcttbh, nkrttbh, tot
rt_dch_allo_for_ps_call_stream_class_128_kbps_in_dl_in_srnc	nok_nkcel_tfrtpsstsr_tab.sbp1xcxahl26seccb00hw01qk4	INT8	#	Number of 128 kbps RT DCH allocations for PS Calls in DL with streaming class in the SRNC	Sum, nkcttbh, nkrttbh, tot
rt_dch_allo_for_ps_call_stream_class_128_kbps_in_ul_in_srnc	nok_nkcel_tfrtpsstsr_tab.sbh2sslahl26seccb00hw01qk4	INT8	#	Number of 128 kbps RT DCH allocations for PS Calls in UL with streaming class in the SRNC	Sum, nkcttbh, nkrttbh, tot
rt_dch_allo_for_ps_call_stream_class_16_kbps_in_dl_in_srnc	nok_nkcel_tfrtpsstsr_tab.sbm5wdlahl26seccb00hw01qk4	INT8	#	Number of 16 kbps RT DCH allocations for PS Calls in DL with streaming class in the SRNC	Sum, nkcttbh, nkrttbh, tot
rt_dch_allo_for_ps_call_stream_class	nok_nkcel_tfrtpsstsr_tab.sbdtobxahl26seccb00hw01qk	INT8	#	Number of 16 kbps RT DCH	Sum, nkcttbh,

_16_kbps_in_ul_in_srnc	4			allocations for PS Calls in UL with streaming class in the SRNC	nkrttbh, tot
rt_dch_allo_for_ps_call_stream_class_256_kbps_in_dl_in_srnc	nok_nkcel_tfrtpsstsr_tab.sbpyljhahl26seccb00hw01qk4	INT8	#	Number of 256 kbps RT DCH allocations for PS Calls in DL with streaming class in the SRNC	Sum, nkcttbh, nkrttbh, tot
rt_dch_allo_for_ps_call_stream_class_256_kbps_in_ul_in_srnc	nok_nkcel_tfrtpsstsr_tab.sbi0wspahl26seccb00hw01qk4	INT8	#	- Obsolete in RN2.2 - Number of 256 kbps RT DCH allocations for PS Calls in UL with streaming class in the SRNC	Sum, nkcttbh, nkrttbh, tot
rt_dch_allo_for_ps_call_stream_class_32_kbps_in_dl_in_srnc	nok_nkcel_tfrtpsstsr_tab.sbn5gi6ahl26seccb00hw01qk4	INT8	#	Number of 32 kbps RT DCH allocations for PS Calls in DL with streaming class in the SRNC	Sum, nkcttbh, nkrttbh, tot
rt_dch_allo_for_ps_call_stream_class_32_kbps_in_ul_in_srnc	nok_nkcel_tfrtpsstsr_tab.sbf5a0lahl26seccb00hw01qk4	INT8	#	Number of 32 kbps RT DCH allocations for PS Calls in UL with streaming class in the SRNC	Sum, nkcttbh, nkrttbh, tot
rt_dch_allo_for_ps_call_stream_class_320_kbps_in_dl_in_srnc	nok_nkcel_tfrtpsstsr_tab.sbqws4dahl26seccb00hw01qk4	INT8	#	- Obsolete in RN2.2 - Number of 320 kbps RT DCH allocations for PS Calls in DL with streaming class in the SRNC	Sum, nkcttbh, nkrttbh, tot
rt_dch_allo_for_ps	nok_nkcel_tfrtpsstsr_tab.sb	INT8	#	- Obsolete in RN2.2	Sum,

_call_stream_class_320_kbps_in_ul_in_srnc	iwpxlahl26seccb00hw01qk4			- Number of 320 kbps RT DCH allocations for PS Calls in UL with streaming class in the SRNC	nkcttbh, nkrttbh, tot
rt_dch_allo_for_ps_call_stream_class_384_kbps_in_dl_in_srnc	nok_nkcel_tfrtpsstsr_tab.sbru1fxahl26seccb00hw01qk4	INT8	#	Number of 384 kbps RT DCH allocations for PS Calls in DL with streaming class in the SRNC	Sum, nkcttbh, nkrttbh, tot
rt_dch_allo_for_ps_call_stream_class_384_kbps_in_ul_in_srnc	nok_nkcel_tfrtpsstsr_tab.sbkbg3hahl26seccb00hw01qk4	INT8	#	- Obsolete in RN2.2 - Number of 384 kbps RT DCH allocations for PS Calls in UL with streaming class in the SRNC	Sum, nkcttbh, nkrttbh, tot
rt_dch_allo_for_ps_call_stream_class_64_kbps_in_dl_in_srnc	nok_nkcel_tfrtpsstsr_tab.sbo3odhahl26seccb00hw01qk4	INT8	#	Number of 64 kbps RT DCH allocations for PS Calls in DL with streaming class in the SRNC	Sum, nkcttbh, nkrttbh, tot
rt_dch_allo_for_ps_call_stream_class_64_kbps_in_ul_in_srnc	nok_nkcel_tfrtpsstsr_tab.sbg1qptahl26seccb00hw01qk4	INT8	#	Number of 64 kbps RT DCH allocations for PS Calls in UL with streaming class in the SRNC	Sum, nkcttbh, nkrttbh, tot
rt_dch_allo_for_ps_call_stream_class_8_kbps_in_dl_in_srnc	nok_nkcel_tfrtpsstsr_tab.sbl6imhahl26seccb00hw01qk4	INT8	#	Number of 8 kbps RT DCH allocations for PS Calls in DL with streaming class in the SRNC	Sum, nkcttbh, nkrttbh, tot
rt_dch_allo_for_ps_call_stream_class_8_kbps_in_ul_in_srnc	nok_nkcel_tfrtpsstsr_tab.sbcnuwlahl26seccb00hw01qk4	INT8	#	Number of 8 kbps RT DCH allocations for PS Calls in UL with streaming class in	Sum, nkcttbh, nkrttbh, tot

				the SRNC	
ul_ps_data_stream_class_throughput	nok_nkcel_tfrtpsstsr_tab.sbsreflahl26seccb00hw01qk4	FLOAT	kbps	Packet switched data throughput Uplink with stream class (kbps/Second)	Average, avg, max, min, nkcttbh, nkrttbh, tot

6.6.190Cell.Nokia.UMTS.traffic.rt_dch_duration_ps_calls_conv_class.srnc

Traffic - RT DCH allocation durations for PS conversational services at SRNC statistics

KPI Name	Expression	Data Type	Units	Description	Aggregation
rt_dch_allo_dur_for_ps_call_conv_class_128_kbps_in_dl_in_srnc	nok_nkcel_tfrtdrpscvsr_tab.sc6i0dxahl26seccb00hw01qk4	INTEGER	10ms	- Obsolete in RN2.2 - Duration of 128 kbps RT DCH allocation for PS Calls in DL with conversational class in the SRNC	Sum, nkcttbh, nkrttbh, tot
rt_dch_allo_dur_for_ps_call_conv_class_128_kbps_in_ul_in_srnc	nok_nkcel_tfrtdrpscvsr_tab.sbysg6lahl26seccb00hw01qk4	INTEGER	10ms	- Obsolete in RN2.2 - Duration of 128 kbps RT DCH allocation for PS Calls in UL with conversational class in the SRNC	Sum, nkcttbh, nkrttbh, tot
rt_dch_allo_dur_for_ps_call_conv_class_16_kbps_in_dl_in_srnc	nok_nkcel_tfrtdrpscvsr_tab.sc41ejlahl26seccb00hw01qk4	INTEGER	10ms	- Obsolete in RN2.2 - Duration of 16 kbps RT DCH allocation for PS Calls in DL with conversational class in the SRNC	Sum, nkcttbh, nkrttbh, tot
rt_dch_allo_dur_for_ps_call_conv_cla	nok_nkcel_tfrtdrpscvsr_tab.sbvwopdahl26seccb00hw0	INTEGER	10ms	- Obsolete in RN2.2 - Duration of 16	Sum, nkcttbh,

ss_16_kbps_in_ul_in_srnc	1qk4			kbps RT DCH allocation for PS Calls in UL with conversational class in the SRNC	nkrttbh, tot
rt_dch_allo_dur_for_ps_call_conv_class_256_kbps_in_dl_in_srnc	nok_nkcel_tfrtdrpscvsr_tab.scabwt2ahl26seccb00hw01qk4	INTEGER	10ms	- Obsolete in RN2.2 - Duration of 256 kbps RT DCH allocation for PS Calls in DL with conversational class in the SRNC	Sum, nkcttbh, nkrttbh, tot
rt_dch_allo_dur_for_ps_call_conv_class_256_kbps_in_ul_in_srnc	nok_nkcel_tfrtdrpscvsr_tab.sc0pwypahl26seccb00hw01qk4	INTEGER	10ms	- Obsolete in RN2.2 - Duration of 256 kbps RT DCH allocation for PS Calls in UL with conversational class in the SRNC	Sum, nkcttbh, nkrttbh, tot
rt_dch_allo_dur_for_ps_call_conv_class_32_kbps_in_dl_in_srnc	nok_nkcel_tfrtdrpscvsr_tab.sc4ufgpahl26seccb00hw01qk4	INTEGER	10ms	- Obsolete in RN2.2 - Duration of 32 kbps RT DCH allocation for PS Calls in DL with conversational class in the SRNC	Sum, nkcttbh, nkrttbh, tot
rt_dch_allo_dur_for_ps_call_conv_class_32_kbps_in_ul_in_srnc	nok_nkcel_tfrtdrpscvsr_tab.sbwtfcdahl26seccb00hw01qk4	INTEGER	10ms	- Obsolete in RN2.2 - Duration of 32 kbps RT DCH allocation for PS Calls in UL with conversational class in the SRNC	Sum, nkcttbh, nkrttbh, tot
rt_dch_allo_dur_for_ps_call_conv_class_320_kbps_in_dl_in_srnc	nok_nkcel_tfrtdrpscvsr_tab.scb226pahl26seccb00hw01qk4	INTEGER	10ms	- Obsolete in RN2.2 - Duration of 320 kbps RT DCH allocation for PS Calls in DL with conversational class in the SRNC	Sum, nkcttbh, nkrttbh, tot
rt_dch_allo_dur_for_ps_call_conv_cla	nok_nkcel_tfrtdrpscvsr_tab.sc1lf2hahl26seccb00hw01	INTEGER	10ms	- Obsolete in RN2.2 - Duration of 320	Sum, nkcttbh,

ss_320_kbps_in_ul_in_srnc	qk4			kbps RT DCH allocation for PS Calls in UL with conversational class in the SRNC	nkrttbh, tot
rt_dch_allo_dur_for_ps_call_conv_class_384_kbps_in_dl_in_srnc	nok_nkcel_tfrtdrpscvsr_tab.scbvkn6ahl26seccb00hw01qk4	INTEGER	10ms	- Obsolete in RN2.2 - Duration of 384 kbps RT DCH allocation for PS Calls in DL with conversational class in the SRNC	Sum, nkcttbh, nkrttbh, tot
rt_dch_allo_dur_for_ps_call_conv_class_384_kbps_in_ul_in_srnc	nok_nkcel_tfrtdrpscvsr_tab.sc2ghm6ahl26seccb00hw01qk4	INTEGER	10ms	- Obsolete in RN2.2 - Duration of 384 kbps RT DCH allocation for PS Calls in UL with conversational class in the SRNC	Sum, nkcttbh, nkrttbh, tot
rt_dch_allo_dur_for_ps_call_conv_class_64_kbps_in_dl_in_srnc	nok_nkcel_tfrtdrpscvsr_tab.sc5nvmtahl26seccb00hw01qk4	INTEGER	10ms	- Obsolete in RN2.2 - Duration of 64 kbps RT DCH allocation for PS Calls in DL with conversational class in the SRNC	Sum, nkcttbh, nkrttbh, tot
rt_dch_allo_dur_for_ps_call_conv_class_64_kbps_in_ul_in_srnc	nok_nkcel_tfrtdrpscvsr_tab.sbxsnttahl26seccb00hw01qk4	INTEGER	10ms	- Obsolete in RN2.2 - Duration of 64 kbps RT DCH allocation for PS Calls in UL with conversational class in the SRNC	Sum, nkcttbh, nkrttbh, tot
rt_dch_allo_dur_for_ps_call_conv_class_8_kbps_in_dl_in_srnc	nok_nkcel_tfrtdrpscvsr_tab.sc3a3cpahl26seccb00hw01qk4	INTEGER	10ms	- Obsolete in RN2.2 - Duration of 8 kbps RT DCH allocation for PS Calls in DL with conversational	Sum, nkcttbh, nkrttbh, tot

This edition applies to IBM® Tivoli® Netcool® Performance Manager for Wireless and to all subsequent releases and modifications until otherwise indicated in new editions.

				class in the SRNC	
rt_dch_allo_dur_for_ps_call_conv_class_8_kbps_in_ul_in_srnc	nok_nkcel_tfrtdrpscvsr_tab.sbv04qlahl26seccb00hw01qk4	INTEGER	10ms	- Obsolete in RN2.2 - Duration of 8 kbps RT DCH allocation for PS Calls in UL with conversational class in the SRNC	Sum, nkcttbh, nkrttbh, tot

6.6.191Cell.Nokia.UMTS.traffic.rt_dch_duration_ps_calls_stream_class.srnc

Traffic - RT DCH allocation durations for PS streaming services at SRNC statistics

KPI Name	Expression	Data Type	Units	Description	Aggregation
rt_dch_allo_dur_for_ps_call_stream_class_16_kbps_in_dl_in_srnc	nok_nkcel_tfrtdrpsstsr_tab.sckagehahl26seccb00hw01qk4	INTEGER	10ms	Duration of 16 kbps RT DCH allocation for PS Calls in DL with streaming class in the SRNC	Sum, nkcttbh, nkrttbh, tot
rt_dch_allo_dur_for_ps_call_stream_class_16_kbps_in_ul_in_srnc	nok_nkcel_tfrtdrpsstsr_tab.scdk3ahahl26seccb00hw01qk4	INTEGER	10ms	Duration of 16 kbps RT DCH allocation for PS Calls in UL with streaming class in the SRNC	Sum, nkcttbh, nkrttbh, tot
rt_dch_allo_dur_for_ps_call_stream_class_32_kbps_in_dl_in_srnc	nok_nkcel_tfrtdrpsstsr_tab.scl4v1pahl26seccb00hw01qk4	INTEGER	10ms	Duration of 32 kbps RT DCH allocation for PS Calls in DL with streaming class in the SRNC	Sum, nkcttbh, nkrttbh, tot
rt_dch_allo_dur_for_ps_call_stream_class_32_kbps_in_ul_in_srnc	nok_nkcel_tfrtdrpsstsr_tab.sceedq6ahl26seccb00hw01qk4	INTEGER	10ms	Duration of 32 kbps RT DCH allocation for PS Calls in UL with streaming class in the SRNC	Sum, nkcttbh, nkrttbh, tot
rt_dch_allo_dur_for_ps_call_stream_class_64_kbps_in_dl_in_srnc	nok_nkcel_tfrtdrpsstsr_tab.scm2rqhahl26seccb00hw01qk4	INTEGER	10ms	Duration of 64 kbps RT DCH allocation for PS Calls in DL with streaming class in the SRNC	Sum, nkcttbh, nkrttbh, tot
rt_dch_allo_dur_for_ps_call_stream_c	nok_nkcel_tfrtdrpsstsr_tab.scf4trxahl26seccb00hw01q	INTEGER	10ms	Duration of 64 kbps RT DCH allocation	Sum, nkcttbh,

lass_64_kbps_in_ul_in_srnc	k4			for PS Calls in UL with streaming class in the SRNC	nkrttbh, tot
rt_dch_allo_dur_for_ps_call_stream_class_8_kbps_in_dl_in_srnc	nok_nkcel_tfrtdrpsstsr_tab.scjcgx6ahl26seccb00hw01qk4	INTEGER	10ms	Duration of 8 kbps RT DCH allocation for PS Calls in DL with streaming class in the SRNC	Sum, nkcttbh, nkrttbh, tot
rt_dch_allo_dur_for_ps_call_stream_class_8_kbps_in_ul_in_srnc	nok_nkcel_tfrtdrpsstsr_tab.sccq1adahl26seccb00hw01qk4	INTEGER	10ms	Duration of 8 kbps RT DCH allocation for PS Calls in UL with streaming class in the SRNC	Sum, nkcttbh, nkrttbh, tot
rt_dch_allo_dur_ps_call_stream_class_128_kbps_in_dl_srnc	nok_nkcel_tfrtdrpsstsr_tab.scn4fmlahl26seccb00hw01qk4	INTEGER	10ms	rt_dch_allo_dur_for_ps_call_stream_class_128_kbps_in_dl_in_srnc:Duration of 128 kbps RT DCH allocation for PS Calls in DL with streaming class in the SRNC	Sum, nkcttbh, nkrttbh, tot
rt_dch_allo_dur_ps_call_stream_class_128_kbps_in_ul_srnc	nok_nkcel_tfrtdrpsstsr_tab.scfwwd6ahl26seccb00hw01qk4	INTEGER	10ms	rt_dch_allo_dur_for_ps_call_stream_class_128_kbps_in_ul_in_srnc:Duration of 128 kbps RT DCH allocation for PS Calls in UL with streaming class in the SRNC	Sum, nkcttbh, nkrttbh, tot
rt_dch_allo_dur_ps_call_stream_class_256_kbps_in_dl_srnc	nok_nkcel_tfrtdrpsstsr_tab.sco2astahl26seccb00hw01qk4	INTEGER	10ms	rt_dch_allo_dur_for_ps_call_stream_class_256_kbps_in_dl_in_srnc:Duration of 256 kbps RT DCH allocation for PS Calls in DL with	Sum, nkcttbh, nkrttbh, tot

				streaming class in the SRNC	
rt_dch_allo_dur_ps_call_stream_class_256_kbps_in_ul_srnc	nok_nkcel_tfrtdrpsstsr_tab.scgqoelahl26seccb00hw01qk4	INTEGER	10ms	rt_dch_allo_dur_for_ps_call_stream_class_256_kbps_in_ul_in_srnc:-Obsolete in RN2.2 - Duration of 256 kbps RT DCH allocation for PS Calls in UL with streaming class in the SRNC	Sum, nkcttbh, nkrttbh, tot
rt_dch_allo_dur_ps_call_stream_class_320_kbps_in_dl_srnc	nok_nkcel_tfrtdrpsstsr_tab.scp65upahl26seccb00hw01qk4	INTEGER	10ms	rt_dch_allo_dur_for_ps_call_stream_class_320_kbps_in_dl_in_srnc:-Obsolete in RN2.2 - Duration of 320 kbps RT DCH allocation for PS Calls in DL with streaming class in the SRNC	Sum, nkcttbh, nkrttbh, tot
rt_dch_allo_dur_ps_call_stream_class_320_kbps_in_ul_srnc	nok_nkcel_tfrtdrpsstsr_tab.schkivxahl26seccb00hw01qk4	INTEGER	10ms	rt_dch_allo_dur_for_ps_call_stream_class_320_kbps_in_ul_in_srnc:-Obsolete in RN2.2 - Duration of 320 kbps RT DCH allocation for PS Calls in UL with streaming class in the SRNC	Sum, nkcttbh, nkrttbh, tot
rt_dch_allo_dur_ps_call_stream_class_384_kbps_in_dl_srnc	nok_nkcel_tfrtdrpsstsr_tab.scq3y0xahl26seccb00hw01qk4	INTEGER	10ms	rt_dch_allo_dur_for_ps_call_stream_class_384_kbps_in_dl_in_srnc:Duration of 384 kbps RT DCH allocation for PS Calls in DL with streaming class in	Sum, nkcttbh, nkrttbh, tot

				the SRNC	
rt_dch_allo_dur_ps_call_stream_class_384_kbps_in_ul_srnc	nok_nkcel_tfrtdrpsstsr_tab.scigcn6ahl26seccb00hw01qk4	INTEGER	10ms	rt_dch_allo_dur_for_ps_call_stream_class_384_kbps_in_ul_in_srnc:- Obsolete in RN2.2 - Duration of 384 kbps RT DCH allocation for PS Calls in UL with streaming class in the SRNC	Sum, nkcttbh, nkrttbh, tot

6.6.192Cell.Nokia.UMTS.traffic.wamr

Statistics for WAMR

KPI Name	Expression	Data Type	Units	Description	Aggregation
allo_for_wamr_12_65_drnc	nok_nkcel_wamr_tab.un26awy1vg2ahcwxr02ofawaex	INTEGER	#	The number of WAMR 12.65 kbps allocations in the DRNC.	Sum, nkcttbh, nkrttbh, tot
allo_for_wamr_12_65_srnc	nok_nkcel_wamr_tab.ugw6hqs1vg2ahcwxr02ofawaex	INTEGER	#	The number of WAMR 12.65 kbps allocations in the SRNC. WAMR calls are symmetric, i.e., there is no need for separate UL and DL counters.	Sum, nkcttbh, nkrttbh, tot
allo_for_wamr_6_6_drnc	nok_nkcel_wamr_tab.uumm0d51vg2ahcwxr02ofawaex	INTEGER	#	The number of WAMR 6.6 kbps allocations in the DRNC.	Sum, nkcttbh, nkrttbh, tot
allo_for_wamr_6_6_srnc	nok_nkcel_wamr_tab.ugw6hqu1vg2ahcwxr02ofawaex	INTEGER	#	The number of WAMR 6.6 kbps	Sum, nkcttbh,

				allocations in the SRNC. WAMR calls are symmetric, i.e., there is no need for separate UL and DL counters.	nkrttbh, tot
allo_for_wamr_8_85_drnc	nok_nkcel_wamr_tab.un26ax11vg2ahcwxr02ofawaex	INTEGER	#	The number of WAMR 8.85 kbps allocations in the DRNC.	Sum, nkcttbh, nkrttbh, tot
dura_for_wamr_12_65_drnc	nok_nkcel_wamr_tab.uumm0da1vg2ahcwxr02ofawaex	INTEGER	Second	The summary of DCH allocation durations for WAMR 12.65 kbps calls in the DRNC.	Sum, nkcttbh, nkrttbh, tot
dura_for_wamr_12_65_srnc	nok_nkcel_wamr_tab.ugw6hqw1vg2ahcwxr02ofawaex	INTEGER	Second	The summary of DCH allocation durations for WAMR 12.65 kbps calls in the SRNC.	Sum, nkcttbh, nkrttbh, tot
dura_for_wamr_6_6_drnc	nok_nkcel_wamr_tab.v2kmvbs1vg2ahcwxr02ofawaex	INTEGER	Second	The summary of DCH allocation durations for WAMR 6.6 kbps calls in the DRNC.	Sum, nkcttbh, nkrttbh, tot
dura_for_wamr_6_6_srnc	nok_nkcel_wamr_tab.un26aww1vg2ahcwxr02ofawaex	INTEGER	Second	The summary of DCH allocation durations for WAMR 6.6 kbps calls in the SRNC.	Sum, nkcttbh, nkrttbh, tot
dura_for_wamr_8_85_drnc	nok_nkcel_wamr_tab.uumm0dc1vg2ahcwxr02ofawaex	INTEGER	Second	The summary of DCH allocation durations for WAMR 8.85 kbps calls in the DRNC.	Sum, nkcttbh, nkrttbh, tot
swi_from_namr_to_wamr_drnc	nok_nkcel_wamr_tab.vd1jxry1vg2ahcwxr02ofawaex	INTEGER	#	The number of DCH modifications due to switching from NAMR to WAMR in the DRNC.	Sum, nkcttbh, nkrttbh, tot

swi_from_namr_to_wamr_srnc	nok_nkcel_wamr_tab.v2kmvbw1vg2ahcwxr02ofawaex	INTEGER	#	The number of DCH modifications due to switching from NAMR to WAMR in the SRNC.	Sum, nkcttbh, nkrttbh, tot
swi_from_wamr_to_namr_drnc	nok_nkcel_wamr_tab.vd1jxrw1vg2ahcwxr02ofawaex	INTEGER	#	The number of DCH modifications due to switching from WAMR to NAMR in the DRNC.	Sum, nkcttbh, nkrttbh, tot
swi_from_wamr_to_namr_srnc	nok_nkcel_wamr_tab.v2kmvbu1vg2ahcwxr02ofawaex	INTEGER	#	The number of DCH modifications due to switching from WAMR to NAMR in the SRNC.	Sum, nkcttbh, nkrttbh, tot

6.6.193Cell.Nokia.UMTS.tx_power

Transmitted power statistics

KPI Name	Expression	Data Type	Units	Description	Aggregation
amr_txpow_load_below_target	nok_nkcel_txpwr_tab.xdrxad0dmm2aicsd002uaxybdk	INTEGER	#	The number of times when (TxPower) < (target load threshold).	Sum, nkcttbh, nkrttbh, tot
amr_txpow_load_over_target	nok_nkcel_txpwr_tab.xdrxad2dmm2aicsd002uaxybdk	INTEGER	#	The number of times when (TxPower) >= (target load threshold).	Sum, nkcttbh, nkrttbh, tot
amr_txpow_load_overload	nok_nkcel_txpwr_tab.xdrxad4dmm2aicsd002uaxybdk	INTEGER	#	The number of times when (TxPower) >=	Sum, nkcttbh, nkrttbh,

				(over load threshold).	tot
amr_txpow_load_underload	nok_nkcel_txpwr_tab.xdrxacxdmm2aicsd002uaxybdk	INTEGER	#	The number of times when (TxPower) < (under load threshold).	Sum, nkcttbh, nkrttbh, tot
rtwp_class_0	nok_nkcel_txpwr_tab.xdrxaexdmm2aicsd002uaxybdk	INTEGER	#	The number of total uplink power (RTWP) measurement report samples in which the power value is inside Class 0 range (RTWP< -108 dBm).	Sum, nkcttbh, nkrttbh, tot
rtwp_class_10	nok_nkcel_txpwr_tab.xdrxafldmm2aicsd002uaxybdk	INTEGER	#	The number of total uplink power (RTWP) measurement report samples in which the power value is inside Class 10 range (-99 dBm <=RTWP< -98 dBm).	Sum, nkcttbh, nkrttbh, tot
rtwp_class_11	nok_nkcel_txpwr_tab.xdrxafndmm2aicsd002uaxybdk	INTEGER	#	The number of total uplink power (RTWP) measurement report samples in which the power value is inside Class 11 range (-98 dBm <=RTWP< -96 dBm).	Sum, nkcttbh, nkrttbh, tot
rtwp_class_12	nok_nkcel_txpwr_tab.xdrxafpdmm2aicsd002uaxybdk	INTEGER	#	The number of total uplink power (RTWP) measurement report samples in which the power value is inside Class 12 range (-96 dBm	Sum, nkcttbh, nkrttbh, tot

				<=RTWP< -94 dBm).	
rtwp_class_13	nok_nkcel_txpwr_tab.xdrxafrdmm2aicsd002uaxybdk	INTEGER	#	The number of total uplink power (RTWP) measurement report samples in which the power value is inside Class 13 range (-94 dBm <=RTWP< -92 dBm).	Sum, nkcttbh, nkrttbh, tot
rtwp_class_14	nok_nkcel_txpwr_tab.xdrxaftdmm2aicsd002uaxybdk	INTEGER	#	The number of total uplink power (RTWP) measurement report samples in which the power value is inside Class 14 range (-92 dBm <=RTWP< -89 dBm).	Sum, nkcttbh, nkrttbh, tot
rtwp_class_15	nok_nkcel_txpwr_tab.xdrxafvdmm2aicsd002uaxybdk	INTEGER	#	The number of total uplink power (RTWP) measurement report samples in which the power value is inside Class 15 range (-89 dBm <=RTWP< -86 dBm).	Sum, nkcttbh, nkrttbh, tot
rtwp_class_16	nok_nkcel_txpwr_tab.xdrxafxdmm2aicsd002uaxybdk	INTEGER	#	The number of total uplink power (RTWP) measurement report samples in which the power value is	Sum, nkcttbh, nkrttbh, tot

This edition applies to IBM® Tivoli® Netcool® Performance Manager for Wireless and to all subsequent releases and modifications until otherwise indicated in new editions.

				inside Class 16 range (-86 dBm <=RTWP< -83 dBm).	
rtwp_class_17	nok_nkcel_txpwr_tab.xdrxag0dmm2aicsd002uaxybdk	INTEGER	#	The number of total uplink power (RTWP) measurement report samples in which the power value is inside Class 17 range (-83 dBm <=RTWP< -80 dBm).	Sum, nkcttbh, nkrttbh, tot
rtwp_class_18	nok_nkcel_txpwr_tab.xdrxag2dmm2aicsd002uaxybdk	INTEGER	#	The number of total uplink power (RTWP) measurement report samples in which the power value is inside Class 18 range (-80 dBm <=RTWP< -75 dBm).	Sum, nkcttbh, nkrttbh, tot
rtwp_class_19	nok_nkcel_txpwr_tab.xdrxag4dmm2aicsd002uaxybdk	INTEGER	#	The number of total uplink power (RTWP) measurement report samples in which the power value is inside Class 19 range (-75 dBm <=RTWP< -70 dBm).	Sum, nkcttbh, nkrttbh, tot
rtwp_class_1	nok_nkcel_txpwr_tab.xdrxaf0dmm2aicsd002uaxybdk	INTEGER	#	The number of total uplink power (RTWP) measurement report samples in which the power value is inside Class 1 range (-108 dBm <=RTWP< -107	Sum, nkcttbh, nkrttbh, tot

				dBm).	
rtwp_class_20	nok_nkcel_txpwr_tab.xdrxag6dmm2aicsd002uaxybdk	INTEGER	#	The number of total uplink power (RTWP) measurement report samples in which the power value is inside Class 20 range (-70 dBm <=RTWP< -65 dBm).	Sum, nkcttbh, nkrttbh, tot
rtwp_class_21	nok_nkcel_txpwr_tab.xdrxagbdmm2aicsd002uaxybdk	INTEGER	#	The number of total uplink power (RTWP) measurement report samples in which the power value is inside Class 21 range (-65 dBm <= RTWP).	Sum, nkcttbh, nkrttbh, tot
rtwp_class_2	nok_nkcel_txpwr_tab.xdrxaf2dmm2aicsd002uaxybdk	INTEGER	#	The number of total uplink power (RTWP) measurement report samples in which the power value is inside Class 2 range (-107 dBm <=RTWP< -106 dBm).	Sum, nkcttbh, nkrttbh, tot
rtwp_class_3	nok_nkcel_txpwr_tab.xdrxaf4dmm2aicsd002uaxybdk	INTEGER	#	The number of total uplink power (RTWP) measurement report samples in which the power value is inside Class 3 range (-106 dBm	Sum, nkcttbh, nkrttbh, tot

This edition applies to IBM® Tivoli® Netcool® Performance Manager for Wireless and to all subsequent releases and modifications until otherwise indicated in new editions.

				<=RTWP< -105).	
rtwp_class_4	nok_nkcel_txpwr_tab.xdrxaf6dmm2aicsd002uaxybdk	INTEGER	#	The number of total uplink power (RTWP) measurement report samples in which the power value is inside Class 4 range (-105 dBm <=RTWP< -104 dBm).	Sum, nkcttbh, nkrttbh, tot
rtwp_class_5	nok_nkcel_txpwr_tab.xdrxafbdmm2aicsd002uaxybdk	INTEGER	#	The number of total uplink power (RTWP) measurement report samples in which the power value is inside Class 5 range (-104 dBm <=RTWP< -103 dBm).	Sum, nkcttbh, nkrttbh, tot
rtwp_class_6	nok_nkcel_txpwr_tab.xdrxafddmm2aicsd002uaxybdk	INTEGER	#	The number of total uplink power (RTWP) measurement report samples in which the power value is inside Class 6 range (-103 dBm <=RTWP< -102 dBm).	Sum, nkcttbh, nkrttbh, tot
rtwp_class_7	nok_nkcel_txpwr_tab.xdrxaffdmm2aicsd002uaxybdk	INTEGER	#	The number of total uplink power (RTWP) measurement report samples in which the power value is inside Class 7 range (-102 dBm <=RTWP< -101 dBm).	Sum, nkcttbh, nkrttbh, tot
rtwp_class_8	nok_nkcel_txpwr_tab.xdrxafhdmm2aicsd002uaxybdk	INTEGER	#	The number of total uplink power	Sum, nkcttbh,

				(RTWP) measurement report samples in which the power value is inside Class 8 range (-101 dBm <=RTWP< -100 dBm).	nkrttbh, tot
rtwp_class_9	nok_nkcel_txpwr_tab.xdrxafjdmm2aicsd002uaxybdk	INTEGER	#	The number of total uplink power (RTWP) measurement report samples in which the power value is inside Class 9 range (-100 dBm <=RTWP< -99 dBm).	Sum, nkcttbh, nkrttbh, tot
tx_cr_pwr_class_0	nok_nkcel_txpwr_tab.xdrxagddmm2aicsd002uaxybdk	INTEGER	#	The number of Transmitted Carrier Power (TxCrPwr) measurement report samples in which the power value is inside Class 0 range.	Sum, nkcttbh, nkrttbh, tot
tx_cr_pwr_class_10	nok_nkcel_txpwr_tab.xdrxagxdmm2aicsd002uaxybdk	INTEGER	#	The number of Transmitted Carrier Power (TxCrPwr) measurement report samples in which the power value is inside Class 10 range.	Sum, nkcttbh, nkrttbh, tot
tx_cr_pwr_class_1	nok_nkcel_txpwr_tab.xdrxagfdmm2aicsd002uaxybdk	INTEGER	#	The number of Transmitted Carrier Power (TxCrPwr) measurement report	Sum, nkcttbh, nkrttbh, tot

This edition applies to IBM® Tivoli® Netcool® Performance Manager for Wireless and to all subsequent releases and modifications until otherwise indicated in new editions.

				samples in which the power value is inside Class 1 range.	
tx_cr_pwr_class_2	nok_nkcel_txpwr_tab.xdrxaghdmm2aicsd002uaxybdk	INTEGER	#	The number of Transmitted Carrier Power (TxCrPwr) measurement report samples in which the power value is inside Class 2 range.	Sum, nkcttbh, nkrttbh, tot
tx_cr_pwr_class_3	nok_nkcel_txpwr_tab.xdrxagjdmm2aicsd002uaxybdk	INTEGER	#	The number of Transmitted Carrier Power (TxCrPwr) measurement report samples in which the power value is inside Class 3 range.	Sum, nkcttbh, nkrttbh, tot
tx_cr_pwr_class_4	nok_nkcel_txpwr_tab.xdrxagldmm2aicsd002uaxybdk	INTEGER	#	The number of Transmitted Carrier Power (TxCrPwr) measurement report samples in which the power value is inside Class 4 range.	Sum, nkcttbh, nkrttbh, tot
tx_cr_pwr_class_5	nok_nkcel_txpwr_tab.xdrxagndmm2aicsd002uaxybdk	INTEGER	#	The number of Transmitted Carrier Power (TxCrPwr) measurement report samples in which the power value is inside Class 5 range.	Sum, nkcttbh, nkrttbh, tot
tx_cr_pwr_class_6	nok_nkcel_txpwr_tab.xdrxagpdmm2aicsd002uaxybdk	INTEGER	#	The number of Transmitted Carrier Power (TxCrPwr) measurement report samples in which the power value is inside Class 6	Sum, nkcttbh, nkrttbh, tot

				range.	
tx_cr_pwr_class_7	nok_nkcel_txpwr_tab.xdrxagrdmm2aicsd002uaxybdk	INTEGER	#	The number of Transmitted Carrier Power (TxCrPwr) measurement report samples in which the power value is inside Class 7 range.	Sum, nkcttbh, nkrttbh, tot
tx_cr_pwr_class_8	nok_nkcel_txpwr_tab.xdrxagtdmm2aicsd002uaxybdk	INTEGER	#	The number of Transmitted Carrier Power (TxCrPwr) measurement report samples in which the power value is inside Class 8 range.	Sum, nkcttbh, nkrttbh, tot
tx_cr_pwr_class_9	nok_nkcel_txpwr_tab.xdrxagvdmm2aicsd002uaxybdk	INTEGER	#	The number of Transmitted Carrier Power (TxCrPwr) measurement report samples in which the power value is inside Class 9 range.	Sum, nkcttbh, nkrttbh, tot

6.6.194Cell.Nokia.UMTS.ue_quality_measurement

UE quality BLER statistics.

The performance data measurements for this KPI group are recorded against the combination of Cell and Radio_Connection_Type (radio_connection_type_id)

KPI Name	Expression	Data Type	Units	Description	Aggregation
average_bler_from_quality_measurements	nok_nkcel_ueqm_tab.ugpuhef1im2ahsxr0035xkcuai	FLOAT	#	The average block error rate for downlink radio connection.	Average, avg, max, min, nkcttbh,

				Measured by using the UE Quality Measurement.	nkrttbh, tot
received_quality_reports_from_ues	nok_nkcel_ueqm_tab.ugpuheh1im2ahsxr0035xkcuai	INTEGER	#	The number of received quality reports from UE.	Sum, nkcttbh, nkrttbh, tot
sum_of_squared_ueq_bler_values	nok_nkcel_ueqm_tab.ugpuhej1im2ahsxr0035xkcuai	FLOAT	#	Sum of squared BLER values.	Sum, nkcttbh, nkrttbh, tot

6.6.195Cell.Nokia.UMTS.user_throughput_wcel

User throughput statistics

The performance data measurements for this KPI group are recorded against the combination of Cell and Radio_Connection_Type (radio_connection_type_id)

KPI Name	Expression	Data Type	Units	Description	Aggregation
user_dl_thrp_dist_class_1_w	nok_wcel_usrthrpt_tab.xjvhdyldmm2aicsd002uaxybdk	INTEGER	#	The number of connections with 0...4 kbit/s downlink RLC PDU gross throughput.	Sum, nkcttbh, nkrttbh, tot
user_dl_thrp_dist_class_10_w	nok_wcel_usrthrpt_tab.xjvhe04dmm2aicsd002uaxybdk	INTEGER	#	The number of connections with 1 Mbit/s...2 Mbit/s downlink gross RLC PDU throughput.	Sum, nkcttbh, nkrttbh, tot
user_dl_thrp_dist_class_11_w	nok_wcel_usrthrpt_tab.xjvhe0ldmm2aicsd002uaxybdk	INTEGER	#	The number of connections with the 2 Mbit/s...4 Mbit/s downlink RLC PDU gross throughput.	Sum, nkcttbh, nkrttbh, tot
user_dl_thrp_dist_class_12_w	nok_wcel_usrthrpt_tab.xjvhe0ndmm2aicsd002uaxybdk	INTEGER	#	The number of connections with the 4 Mbit/s...8	Sum, nkcttbh, nkrttbh,

				Mbit/s downlink RLC PDU gross throughput.	tot
user_dl_thrp_dist_class_13_w	nok_wcel_usrthrpt_tab.xjvhe0pdmm2aicsd002uaxybdk	INTEGER	#	The number of connections with larger than the 8 Mbit/s downlink RLC PDU gross throughput.	Sum, nkcttbh, nkrttbh, tot
user_dl_thrp_dist_class_2_w	nok_wcel_usrthrpt_tab.xjvhdyndmm2aicsd002uaxybdk	INTEGER	#	The number of connections with 4...8 kbit/s downlink RLC PDU gross throughput.	Sum, nkcttbh, nkrttbh, tot
user_dl_thrp_dist_class_3_w	nok_wcel_usrthrpt_tab.xjvhdypdmm2aicsd002uaxybdk	INTEGER	#	The number of connections with 8...16 kbit/s downlink RLC PDU gross throughput.	Sum, nkcttbh, nkrttbh, tot
user_dl_thrp_dist_class_4_w	nok_wcel_usrthrpt_tab.xjvhdyrdmm2aicsd002uaxybdk	INTEGER	#	The number of connections with 16...32 kbit/s downlink RLC PDU gross throughput.	Sum, nkcttbh, nkrttbh, tot
user_dl_thrp_dist_class_5_w	nok_wcel_usrthrpt_tab.xjvhdytdmm2aicsd002uaxybdk	INTEGER	#	The number of connections with 32...64 kbit/s downlink RLC PDU gross throughput.	Sum, nkcttbh, nkrttbh, tot
user_dl_thrp_dist_class_6_w	nok_wcel_usrthrpt_tab.xjvhdyvdmm2aicsd002uaxybdk	INTEGER	#	The number of connections with 64...128 kbit/s downlink RLC	Sum, nkcttbh, nkrttbh, tot

This edition applies to IBM® Tivoli® Netcool® Performance Manager for Wireless and to all subsequent releases and modifications until otherwise indicated in new editions.

				PDU gross throughput.	
user_dl_thrp_dist_class_7_w	nok_wcel_usrthrpt_tab.xjvhdyxdmm2aicsd002uaxybdk	INTEGER	#	The number of connections with 128...256 kbit/s downlink RLC PDU gross throughput.	Sum, nkcttbh, nkrttbh, tot
user_dl_thrp_dist_class_8_w	nok_wcel_usrthrpt_tab.xjvhe00dmm2aicsd002uaxybdk	INTEGER	#	The number of connections with 256...512 kbit/s downlink RLC PDU gross throughput.	Sum, nkcttbh, nkrttbh, tot
user_dl_thrp_dist_class_9_w	nok_wcel_usrthrpt_tab.xjvhe02dmm2aicsd002uaxybdk	INTEGER	#	The number of connections with 512 kbit/s...1 Mbit/s downlink RLC PDU gross throughput.	Sum, nkcttbh, nkrttbh, tot
user_ul_thrp_dist_class_1_w	nok_wcel_usrthrpt_tab.xjvhe0rdmm2aicsd002uaxybdk	INTEGER	#	The number of connections with the 0 kbit/s...250 kbit/s uplink SDU throughput.	Sum, nkcttbh, nkrttbh, tot
user_ul_thrp_dist_class_2_w	nok_wcel_usrthrpt_tab.xjvhe0tdmm2aicsd002uaxybdk	INTEGER	#	The number of connections with the 250 kbit/s...500 kbit/s uplink SDU throughput.	Sum, nkcttbh, nkrttbh, tot
user_ul_thrp_dist_class_3_w	nok_wcel_usrthrpt_tab.xjvhe0vdmm2aicsd002uaxybdk	INTEGER	#	The number of connections with the 500 kbit/s...1 Mbit/s uplink SDU throughput.	Sum, nkcttbh, nkrttbh, tot
user_ul_thrp_dist_class_4_w	nok_wcel_usrthrpt_tab.xjvhe0xdmm2aicsd002uaxybdk	INTEGER	#	The number of connections with the 1000 kbit/s...1500 kbit/s uplink SDU throughput.	Sum, nkcttbh, nkrttbh, tot

user_ul_thrp_dist_class_5_w	nok_wcel_usrthrpt_tab.xjvhe10dmm2aicsd002uaxybdk	INTEGER	#	The number of connections with larger than the 1500 kbit/s uplink SDU throughput.	Sum, nkcttbh, nkrttbh, tot

6.6.196Cell.Nokia.UMTS.wbts_fractional_load

Fractional load statistics

KPI Name	Expression	Data Type	Units	Description	Aggregation
fract_load_distr_class_00	nok_wbts_fracload_tab.xw0rq40dmm2aicsd002uaxybdk	INTEGER	#	Rise Over Thermal in Fractional load:L = 1 - (Pnoise/Ptotal), Ptotal>=Pnoise. The fractional load is calculated in the normal scheduling operation matches to limits defined for class 0 (L = 0).	Sum, nkcttbh, nkrttbh, tot
fract_load_distr_class_01	nok_wbts_fracload_tab.xw0rq42dmm2aicsd002uaxybdk	INTEGER	#	Rise Over Thermal in Fractional load:L = 1 - (Pnoise/Ptotal), Ptotal>=Pnoise. The fractional load is calculated in the normal scheduling operation matches to limits defined for class 1 (0 < L <= 0.05).	Sum, nkcttbh, nkrttbh, tot
fract_load_distr_class_02	nok_wbts_fracload_tab.xw0rq44dmm2aicsd002uaxybdk	INTEGER	#	Rise Over Thermal in Fractional load:L = 1 - (Pnoise/Ptotal),	Sum, nkcttbh, nkrttbh, tot

				Ptotal>=Pnoise. The fractional load is calculated in the normal scheduling operation matches to limits defined for class 2 (0.05 < L <= 0.1).	
fract_load_distr_class_03	nok_wbts_fracload_tab.xw0rq46dmm2aicsd002uaxybdk	INTEGER	#	Rise Over Thermal in Fractional load:L = 1 - (Pnoise/Ptotal), Ptotal>=Pnoise. The fractional load is calculated in the normal scheduling operation matches to limits defined for class 3 (0.1 < L <= 0.15).	Sum, nkcttbh, nkrttbh, tot
fract_load_distr_class_04	nok_wbts_fracload_tab.xw0rq4bdmm2aicsd002uaxybdk	INTEGER	#	Rise Over Thermal in Fractional load:L = 1 - (Pnoise/Ptotal), Ptotal>=Pnoise. The fractional load is calculated in the normal scheduling operation matches to limits defined for class 4 (0.15 < L <= 0.2).	Sum, nkcttbh, nkrttbh, tot
fract_load_distr_class_05	nok_wbts_fracload_tab.xw0rq4ddmm2aicsd002uaxybdk	INTEGER	#	Rise Over Thermal in Fractional load:L = 1 - (Pnoise/Ptotal), Ptotal>=Pnoise. The fractional load is calculated in the normal scheduling operation matches to limits defined for class 5 (0.2 < L <= 0.25).	Sum, nkcttbh, nkrttbh, tot

fract_load_distr_class_06	nok_wbts_fracload_tab.xw0rq4fdmm2aicsd002uaxybdk	INTEGER	#	Rise Over Thermal in Fractional load:L = 1 - (Pnoise/Ptotal), Ptotal>=Pnoise. The fractional load is calculated in the normal scheduling operation matches to limits defined for class 6 (0.25 < L <= 0.3).	Sum, nkcttbh, nkrttbh, tot
fract_load_distr_class_07	nok_wbts_fracload_tab.xw0rq4hdmm2aicsd002uaxybdk	INTEGER	#	Rise Over Thermal in Fractional load:L = 1 - (Pnoise/Ptotal), Ptotal>=Pnoise. The fractional load is calculated in the normal scheduling operation matches to limits defined for class 7 (0.3 < L <= 0.35).	Sum, nkcttbh, nkrttbh, tot
fract_load_distr_class_08	nok_wbts_fracload_tab.xw0rq4jdmm2aicsd002uaxybdk	INTEGER	#	Rise Over Thermal in Fractional load:L = 1 - (Pnoise/Ptotal), Ptotal>=Pnoise. The fractional load is calculated in the normal scheduling operation matches to limits defined for class 8 (0.35 < L <= 0.4).	Sum, nkcttbh, nkrttbh, tot
fract_load_distr_class_09	nok_wbts_fracload_tab.xw0rq4ldmm2aicsd002uaxybdk	INTEGER	#	Rise Over Thermal in Fractional load:L = 1 -	Sum, nkcttbh, nkrttbh,

This edition applies to IBM® Tivoli® Netcool® Performance Manager for Wireless and to all subsequent releases and modifications until otherwise indicated in new editions.

				(Pnoise/Ptotal), Ptotal>=Pnoise. The fractional load is calculated in the normal scheduling operation matches to limits defined for class 9 (0.4 < L <= 0.45).	tot
fract_load_distr_class_10	nok_wbts_fracload_tab.xw0rq4ndmm2aicsd002uaxybdk	INTEGER	#	Rise Over Thermal in Fractional load:L = 1 - (Pnoise/Ptotal), Ptotal>=Pnoise. The fractional load is calculated in the normal scheduling operation matches to limits defined for class 10 (0.45 < L <= 0.5).	Sum, nkcttbh, nkrttbh, tot
fract_load_distr_class_11	nok_wbts_fracload_tab.xw0rq4pdmm2aicsd002uaxybdk	INTEGER	#	Rise Over Thermal in Fractional load:L = 1 - (Pnoise/Ptotal), Ptotal>=Pnoise. The fractional load is calculated in the normal scheduling operation matches to limits defined for class 11 (0.5 < L <= 0.55).	Sum, nkcttbh, nkrttbh, tot
fract_load_distr_class_12	nok_wbts_fracload_tab.xw0rq4rdmm2aicsd002uaxybdk	INTEGER	#	Rise Over Thermal in Fractional load:L = 1 - (Pnoise/Ptotal), Ptotal>=Pnoise. The fractional load is calculated in the normal scheduling operation matches to limits defined for class 12 (0.55 < L	Sum, nkcttbh, nkrttbh, tot

				<= 0.6).	
fract_load_distr_class_13	nok_wbts_fracload_tab.xw0rq4tdmm2aicsd002uaxybdk	INTEGER	#	Rise Over Thermal in Fractional load:L = 1 - (Pnoise/Ptotal), Ptotal>=Pnoise. The fractional load is calculated in the normal scheduling operation matches to limits defined for class 13 (0.6 < L <= 0.65).	Sum, nkcttbh, nkrttbh, tot
fract_load_distr_class_14	nok_wbts_fracload_tab.xw0rq4vdmm2aicsd002uaxybdk	INTEGER	#	Rise Over Thermal in Fractional load:L = 1 - (Pnoise/Ptotal), Ptotal>=Pnoise. The fractional load is calculated in the normal scheduling operation matches to limits defined for class 14 (0.65 < L <= 0.7).	Sum, nkcttbh, nkrttbh, tot
fract_load_distr_class_15	nok_wbts_fracload_tab.xw0rq4xdmm2aicsd002uaxybdk	INTEGER	#	Rise Over Thermal in Fractional load:L = 1 - (Pnoise/Ptotal), Ptotal>=Pnoise. The fractional load is calculated in the normal scheduling operation matches to limits defined for class 15 (0.7 < L <= 0.75).	Sum, nkcttbh, nkrttbh, tot
fract_load_distr_cl	nok_wbts_fracload_tab.xw	INTEG	#	Rise Over Thermal	Sum,

ass_16	0rq50dmm2aicsd002uaxybdk	ER		in Fractional load:L = 1 - (Pnoise/Ptotal), Ptotal>=Pnoise. The fractional load is calculated in the normal scheduling operation matches to limits defined for class 16 (0.75 < L <= 0.8).	nkcttbh, nkrttbh, tot
fract_load_distr_class_17	nok_wbts_fracload_tab.xw 0rq52dmm2aicsd002uaxybdk	INTEGER	#	Rise Over Thermal in Fractional load:L = 1 - (Pnoise/Ptotal), Ptotal>=Pnoise. The fractional load is calculated in the normal scheduling operation matches to limits defined for class 17 (0.8 < L <= 0.85).	Sum, nkcttbh, nkrttbh, tot
fract_load_distr_class_18	nok_wbts_fracload_tab.xw 0rq54dmm2aicsd002uaxybdk	INTEGER	#	Rise Over Thermal in Fractional load:L = 1 - (Pnoise/Ptotal), Ptotal>=Pnoise. The fractional load is calculated in the normal scheduling operation matches to limits defined for class 18 (0.85 < L <= 0.9).	Sum, nkcttbh, nkrttbh, tot
fract_load_distr_class_19	nok_wbts_fracload_tab.xw 0rq56dmm2aicsd002uaxybdk	INTEGER	#	Rise Over Thermal in Fractional load:L = 1 - (Pnoise/Ptotal), Ptotal>=Pnoise. The fractional load is calculated in the normal scheduling operation matches	Sum, nkcttbh, nkrttbh, tot

				to limits defined for class 19 (0.9 < L <= 0.95).	
fract_load_distr_class_20	nok_wbts_fracload_tab.xw0rq5bdmm2aicsd002uaxybdk	INTEGER	#	Rise Over Thermal in Fractional load:L = 1 - (Pnoise/Ptotal), Ptotal>=Pnoise. The fractional load is calculated in the normal scheduling operation matches to limits defined for class 20 (0.95 < L <= 1).	Sum, nkcttbh, nkrttbh, tot

6.6.197Cell.Nokia.UMTS.wbts_hsdsch_credit

HS-DSCH credict reduction statistics

KPI Name	Expression	Data Type	Units	Description	Aggregation
hs_dsch_credit_rdct_buf_full	nok_wbts_hs_cred_tab.xw0rpyvdmm2aicsd002uaxybdk	INTEGER	#	Number of HS-DSCH credit reductions due to MAC-HS buffer filling.	Sum, nkcttbh, nkrttbh, tot
hs_dsch_credit_rdct_due_dly	nok_wbts_hs_cred_tab.xw0rpypdmm2aicsd002uaxybdk	INTEGER	#	Number of HS-DSCH credit reductions due to Iub delay build-up.	Sum, nkcttbh, nkrttbh, tot
hs_dsch_credit_rdct_frm_loss	nok_wbts_hs_cred_tab.xw0rpytdmm2aicsd002uaxybdk	INTEGER	#	Number of HS-DSCH credit reductions due to frame loss.	Sum, nkcttbh, nkrttbh, tot
hs_dsch_credit_rdct_svre_dly	nok_wbts_hs_cred_tab.xw0rpyrdmm2aicsd002uaxybdk	INTEGER	#	Number of HS-DSCH credit	Sum, nkcttbh,

				reductions due to severe Iub delay build-up.	nkrttbh, tot

6.6.198Cell.Nokia.UMTS.wbts_ue_nonserving_power

UE power statistics in non-serving radio link

KPI Name	Expression	Data Type	Units	Description	Aggregation
non_serving_ergch_commands	nok_wbts_ue_nserpw_tab.xw0rq3xdmm2aicsd002uaxybdk	INTEGER	#	Number of non-serving E-RGCH commands sent due to power overload.	Sum, nkcttbh, nkrttbh, tot
uph_non_serving_00	nok_wbts_ue_nserpw_tab.xw0rq1xdmm2aicsd002uaxybdk	INTEGER	#	UE Power Headroom value reported by the UE in the non-serving radio link set is 0.	Sum, nkcttbh, nkrttbh, tot
uph_non_serving_01	nok_wbts_ue_nserpw_tab.xw0rq20dmm2aicsd002uaxybdk	INTEGER	#	UE Power Headroom value reported by the UE in the non-serving radio link set is 1.	Sum, nkcttbh, nkrttbh, tot
uph_non_serving_02	nok_wbts_ue_nserpw_tab.xw0rq22dmm2aicsd002uaxybdk	INTEGER	#	UE Power Headroom value reported by the UE in the non-serving radio link set is 2.	Sum, nkcttbh, nkrttbh, tot
uph_non_serving_03	nok_wbts_ue_nserpw_tab.xw0rq24dmm2aicsd002uaxybdk	INTEGER	#	UE Power Headroom value reported by the UE in the non-serving radio link set is 3.	Sum, nkcttbh, nkrttbh, tot
uph_non_serving_04	nok_wbts_ue_nserpw_tab.xw0rq26dmm2aicsd002uaxybdk	INTEGER	#	UE Power Headroom value reported by the UE in the non-serving radio link set is 4.	Sum, nkcttbh, nkrttbh, tot
uph_non_serving_05	nok_wbts_ue_nserpw_tab.xw0rq2bdmm2aicsd002uaxy	INTEGER	#	UE Power Headroom value	Sum, nkcttbh,

	bdk			reported by the UE in the non-serving radio link set is 5.	nkrttbh, tot
uph_non_serving_06	nok_wbts_ue_nserpw_tab.xw0rq2ddmm2aicsd002uaxybdk	INTEGER	#	UE Power Headroom value reported by the UE in the non-serving radio link set is 6.	Sum, nkcttbh, nkrttbh, tot
uph_non_serving_07	nok_wbts_ue_nserpw_tab.xw0rq2fdmm2aicsd002uaxybdk	INTEGER	#	UE Power Headroom value reported by the UE in the non-serving radio link set is 7.	Sum, nkcttbh, nkrttbh, tot
uph_non_serving_08	nok_wbts_ue_nserpw_tab.xw0rq2hdmm2aicsd002uaxybdk	INTEGER	#	UE Power Headroom value reported by the UE in the non-serving radio link set is 8.	Sum, nkcttbh, nkrttbh, tot
uph_non_serving_09	nok_wbts_ue_nserpw_tab.xw0rq2jdmm2aicsd002uaxybdk	INTEGER	#	UE Power Headroom value reported by the UE in the non-serving radio link set is 9.	Sum, nkcttbh, nkrttbh, tot
uph_non_serving_10	nok_wbts_ue_nserpw_tab.xw0rq2ldmm2aicsd002uaxybdk	INTEGER	#	UE Power Headroom value reported by the UE in the non-serving radio link set is 10.	Sum, nkcttbh, nkrttbh, tot
uph_non_serving_11	nok_wbts_ue_nserpw_tab.xw0rq2ndmm2aicsd002uaxybdk	INTEGER	#	UE Power Headroom value reported by the UE in the non-serving radio link set is 11.	Sum, nkcttbh, nkrttbh, tot
uph_non_serving_12	nok_wbts_ue_nserpw_tab.xw0rq2pdmm2aicsd002uaxybdk	INTEGER	#	UE Power Headroom value reported by the UE	Sum, nkcttbh, nkrttbh,

This edition applies to IBM® Tivoli® Netcool® Performance Manager for Wireless and to all subsequent releases and modifications until otherwise indicated in new editions.

				in the non-serving radio link set is 12.	tot
uph_non_serving_13	nok_wbts_ue_nserpw_tab.xw0rq2rdmm2aicsd002uaxybdk	INTEGER	#	UE Power Headroom value reported by the UE in the non-serving radio link set is 13.	Sum, nkcttbh, nkrttbh, tot
uph_non_serving_14	nok_wbts_ue_nserpw_tab.xw0rq2tdmm2aicsd002uaxybdk	INTEGER	#	UE Power Headroom value reported by the UE in the non-serving radio link set is 14.	Sum, nkcttbh, nkrttbh, tot
uph_non_serving_15	nok_wbts_ue_nserpw_tab.xw0rq2vdmm2aicsd002uaxybdk	INTEGER	#	UE Power Headroom value reported by the UE in the non-serving radio link set is 15.	Sum, nkcttbh, nkrttbh, tot
uph_non_serving_16	nok_wbts_ue_nserpw_tab.xw0rq2xdmm2aicsd002uaxybdk	INTEGER	#	UE Power Headroom value reported by the UE in the non-serving radio link set is 16.	Sum, nkcttbh, nkrttbh, tot
uph_non_serving_17	nok_wbts_ue_nserpw_tab.xw0rq30dmm2aicsd002uaxybdk	INTEGER	#	UE Power Headroom value reported by the UE in the non-serving radio link set is 17.	Sum, nkcttbh, nkrttbh, tot
uph_non_serving_18	nok_wbts_ue_nserpw_tab.xw0rq32dmm2aicsd002uaxybdk	INTEGER	#	UE Power Headroom value reported by the UE in the non-serving radio link set is 18.	Sum, nkcttbh, nkrttbh, tot
uph_non_serving_19	nok_wbts_ue_nserpw_tab.xw0rq34dmm2aicsd002uaxybdk	INTEGER	#	UE Power Headroom value reported by the UE in the non-serving radio link set is 19.	Sum, nkcttbh, nkrttbh, tot
uph_non_serving_20	nok_wbts_ue_nserpw_tab.xw0rq36dmm2aicsd002uaxybdk	INTEGER	#	UE Power Headroom value reported by the UE in the non-serving	Sum, nkcttbh, nkrttbh, tot

				radio link set is 20.	
uph_non_serving_21	nok_wbts_ue_nserpw_tab.xw0rq3bdmm2aicsd002uaxybdk	INTEGER	#	UE Power Headroom value reported by the UE in the non-serving radio link set is 21.	Sum, nkcttbh, nkrttbh, tot
uph_non_serving_22	nok_wbts_ue_nserpw_tab.xw0rq3ddmm2aicsd002uaxybdk	INTEGER	#	UE Power Headroom value reported by the UE in the non-serving radio link set is 22.	Sum, nkcttbh, nkrttbh, tot
uph_non_serving_23	nok_wbts_ue_nserpw_tab.xw0rq3fdmm2aicsd002uaxybdk	INTEGER	#	UE Power Headroom value reported by the UE in the non-serving radio link set is 23.	Sum, nkcttbh, nkrttbh, tot
uph_non_serving_24	nok_wbts_ue_nserpw_tab.xw0rq3hdmm2aicsd002uaxybdk	INTEGER	#	UE Power Headroom value reported by the UE in the non-serving radio link set is 24.	Sum, nkcttbh, nkrttbh, tot
uph_non_serving_25	nok_wbts_ue_nserpw_tab.xw0rq3jdmm2aicsd002uaxybdk	INTEGER	#	UE Power Headroom value reported by the UE in the non-serving radio link set is 25.	Sum, nkcttbh, nkrttbh, tot
uph_non_serving_26	nok_wbts_ue_nserpw_tab.xw0rq3ldmm2aicsd002uaxybdk	INTEGER	#	UE Power Headroom value reported by the UE in the non-serving radio link set is 26.	Sum, nkcttbh, nkrttbh, tot
uph_non_serving_27	nok_wbts_ue_nserpw_tab.xw0rq3ndmm2aicsd002uaxybdk	INTEGER	#	UE Power Headroom value reported by the UE in the non-serving radio link set is 27.	Sum, nkcttbh, nkrttbh, tot

This edition applies to IBM® Tivoli® Netcool® Performance Manager for Wireless and to all subsequent releases and modifications until otherwise indicated in new editions.

uph_non_serving_28	nok_wbts_ue_nserpw_tab.xw0rq3pdmm2aicsd002uaxybdk	INTEGER	#	UE Power Headroom value reported by the UE in the non-serving radio link set is 28.	Sum, nkcttbh, nkrttbh, tot
uph_non_serving_29	nok_wbts_ue_nserpw_tab.xw0rq3rdmm2aicsd002uaxybdk	INTEGER	#	UE Power Headroom value reported by the UE in the non-serving radio link set is 29.	Sum, nkcttbh, nkrttbh, tot
uph_non_serving_30	nok_wbts_ue_nserpw_tab.xw0rq3tdmm2aicsd002uaxybdk	INTEGER	#	UE Power Headroom value reported by the UE in the non-serving radio link set is 30.	Sum, nkcttbh, nkrttbh, tot
uph_non_serving_31	nok_wbts_ue_nserpw_tab.xw0rq3vdmm2aicsd002uaxybdk	INTEGER	#	UE Power Headroom value reported by the UE in the non-serving radio link set is 31.	Sum, nkcttbh, nkrttbh, tot

6.6.199Cell.Nokia.UMTS.wbts_ue_serving_power

UE power statistics in serving radio link

KPI Name	Expression	Data Type	Units	Description	Aggregation
uph_serving_00	nok_wbts_ue_serpw_tab.xw0rpyxdmm2aicsd002uaxybdk	INTEGER	#	UE Power Headroom value reported by the UE in the serving radio link set is 0.	Sum, nkcttbh, nkrttbh, tot
uph_serving_01	nok_wbts_ue_serpw_tab.xw0rq00dmm2aicsd002uaxybdk	INTEGER	#	UE Power Headroom value reported by the UE in the serving radio link set is 1.	Sum, nkcttbh, nkrttbh, tot
uph_serving_02	nok_wbts_ue_serpw_tab.xw0rq02dmm2aicsd002uaxybdk	INTEGER	#	UE Power Headroom value reported by the UE in the serving radio link set is 2.	Sum, nkcttbh, nkrttbh, tot

uph_serving_03	nok_wbts_ue_serpw_tab.xw0rq04dmm2aicsd002uaxybdk	INTEGER	#	UE Power Headroom value reported by the UE in the serving radio link set is 3.	Sum, nkcttbh, nkrttbh, tot
uph_serving_04	nok_wbts_ue_serpw_tab.xw0rq06dmm2aicsd002uaxybdk	INTEGER	#	UE Power Headroom value reported by the UE in the serving radio link set is 4.	Sum, nkcttbh, nkrttbh, tot
uph_serving_05	nok_wbts_ue_serpw_tab.xw0rq0bdmm2aicsd002uaxybdk	INTEGER	#	UE Power Headroom value reported by the UE in the serving radio link set is 5.	Sum, nkcttbh, nkrttbh, tot
uph_serving_06	nok_wbts_ue_serpw_tab.xw0rq0ddmm2aicsd002uaxybdk	INTEGER	#	UE Power Headroom value reported by the UE in the serving radio link set is 6.	Sum, nkcttbh, nkrttbh, tot
uph_serving_07	nok_wbts_ue_serpw_tab.xw0rq0fdmm2aicsd002uaxybdk	INTEGER	#	UE Power Headroom value reported by the UE in the serving radio link set is 7.	Sum, nkcttbh, nkrttbh, tot
uph_serving_08	nok_wbts_ue_serpw_tab.xw0rq0hdmm2aicsd002uaxybdk	INTEGER	#	UE Power Headroom value reported by the UE in the serving radio link set is 8.	Sum, nkcttbh, nkrttbh, tot
uph_serving_09	nok_wbts_ue_serpw_tab.xw0rq0jdmm2aicsd002uaxybdk	INTEGER	#	UE Power Headroom value reported by the UE in the serving radio link set is 9.	Sum, nkcttbh, nkrttbh, tot
uph_serving_10	nok_wbts_ue_serpw_tab.x	INTEG	#	UE Power	Sum,

This edition applies to IBM® Tivoli® Netcool® Performance Manager for Wireless and to all subsequent releases and modifications until otherwise indicated in new editions.

	w0rq0ldmm2aicsd002uaxy bdk	ER		Headroom value reported by the UE in the serving radio link set is 10.	nkcttbh, nkrttbh, tot
uph_serving_11	nok_wbts_ue_serpw_tab.x w0rq0ndmm2aicsd002uaxy bdk	INTEG ER	#	UE Power Headroom value reported by the UE in the serving radio link set is 11.	Sum, nkcttbh, nkrttbh, tot
uph_serving_12	nok_wbts_ue_serpw_tab.x w0rq0pdmm2aicsd002uaxy bdk	INTEG ER	#	UE Power Headroom value reported by the UE in the serving radio link set is 12.	Sum, nkcttbh, nkrttbh, tot
uph_serving_13	nok_wbts_ue_serpw_tab.x w0rq0rdmm2aicsd002uaxy bdk	INTEG ER	#	UE Power Headroom value reported by the UE in the serving radio link set is 13.	Sum, nkcttbh, nkrttbh, tot
uph_serving_14	nok_wbts_ue_serpw_tab.x w0rq0tdmm2aicsd002uaxy bdk	INTEG ER	#	UE Power Headroom value reported by the UE in the serving radio link set is 14.	Sum, nkcttbh, nkrttbh, tot
uph_serving_15	nok_wbts_ue_serpw_tab.x w0rq0vdmm2aicsd002uaxy bdk	INTEG ER	#	UE Power Headroom value reported by the UE in the serving radio link set is 15.	Sum, nkcttbh, nkrttbh, tot
uph_serving_16	nok_wbts_ue_serpw_tab.x w0rq0xdmm2aicsd002uaxy bdk	INTEG ER	#	UE Power Headroom value reported by the UE in the serving radio link set is 16.	Sum, nkcttbh, nkrttbh, tot
uph_serving_17	nok_wbts_ue_serpw_tab.x w0rq10dmm2aicsd002uaxy bdk	INTEG ER	#	UE Power Headroom value reported by the UE in the serving radio link set is 17.	Sum, nkcttbh, nkrttbh, tot
uph_serving_18	nok_wbts_ue_serpw_tab.x w0rq12dmm2aicsd002uaxy	INTEG ER	#	UE Power Headroom value	Sum, nkcttbh,

	bdk			reported by the UE in the serving radio link set is 18.	nkrttbh, tot
uph_serving_19	nok_wbts_ue_serpw_tab.xw0rq14dmm2aicsd002uaxybdk	INTEGER	#	UE Power Headroom value reported by the UE in the serving radio link set is 19.	Sum, nkcttbh, nkrttbh, tot
uph_serving_20	nok_wbts_ue_serpw_tab.xw0rq16dmm2aicsd002uaxybdk	INTEGER	#	UE Power Headroom value reported by the UE in the serving radio link set is 20.	Sum, nkcttbh, nkrttbh, tot
uph_serving_21	nok_wbts_ue_serpw_tab.xw0rq1bdmm2aicsd002uaxybdk	INTEGER	#	UE Power Headroom value reported by the UE in the serving radio link set is 21.	Sum, nkcttbh, nkrttbh, tot
uph_serving_22	nok_wbts_ue_serpw_tab.xw0rq1ddmm2aicsd002uaxybdk	INTEGER	#	UE Power Headroom value reported by the UE in the serving radio link set is 22.	Sum, nkcttbh, nkrttbh, tot
uph_serving_23	nok_wbts_ue_serpw_tab.xw0rq1fdmm2aicsd002uaxybdk	INTEGER	#	UE Power Headroom value reported by the UE in the serving radio link set is 23.	Sum, nkcttbh, nkrttbh, tot
uph_serving_24	nok_wbts_ue_serpw_tab.xw0rq1hdmm2aicsd002uaxybdk	INTEGER	#	UE Power Headroom value reported by the UE in the serving radio link set is 24.	Sum, nkcttbh, nkrttbh, tot
uph_serving_25	nok_wbts_ue_serpw_tab.xw0rq1jdmm2aicsd002uaxybdk	INTEGER	#	UE Power Headroom value reported by the UE	Sum, nkcttbh, nkrttbh,

This edition applies to IBM® Tivoli® Netcool® Performance Manager for Wireless and to all subsequent releases and modifications until otherwise indicated in new editions.

				in the serving radio link set is 25.	tot
uph_serving_26	nok_wbts_ue_serpw_tab.xw0rq1ldmm2aicsd002uaxybdk	INTEGER	#	UE Power Headroom value reported by the UE in the serving radio link set is 26.	Sum, nkcttbh, nkrttbh, tot
uph_serving_27	nok_wbts_ue_serpw_tab.xw0rq1ndmm2aicsd002uaxybdk	INTEGER	#	UE Power Headroom value reported by the UE in the serving radio link set is 27.	Sum, nkcttbh, nkrttbh, tot
uph_serving_28	nok_wbts_ue_serpw_tab.xw0rq1pdmm2aicsd002uaxybdk	INTEGER	#	UE Power Headroom value reported by the UE in the serving radio link set is 28.	Sum, nkcttbh, nkrttbh, tot
uph_serving_29	nok_wbts_ue_serpw_tab.xw0rq1rdmm2aicsd002uaxybdk	INTEGER	#	UE Power Headroom value reported by the UE in the serving radio link set is 29.	Sum, nkcttbh, nkrttbh, tot
uph_serving_30	nok_wbts_ue_serpw_tab.xw0rq1tdmm2aicsd002uaxybdk	INTEGER	#	UE Power Headroom value reported by the UE in the serving radio link set is 30.	Sum, nkcttbh, nkrttbh, tot
uph_serving_31	nok_wbts_ue_serpw_tab.xw0rq1vdmm2aicsd002uaxybdk	INTEGER	#	UE Power Headroom value reported by the UE in the serving radio link set is 31.	Sum, nkcttbh, nkrttbh, tot

6.6.200Cell.Nokia.UMTS.wbts_wn.hs_users

WBTS HSDPA users per TTI statistics.

KPI Name	Expression	Data Type	Units	Description	Aggregation
hsdpa_user_buffers_with_data_in_the	nok_wbts_hs_usr_tab.uaqadgn1im2ahsxr0035xkcuai	INTEGER	#	Number of user buffers with data in	Sum, nkcttbh,

_buffer_for_each_tti				the buffer for each TTI.	nkrttbh, tot
hsdpa_users_0_4_in_cells	nok_wbts_hs_usr_tab.xw0rpxldmm2aicsd002uaxybdk	INTEGER	#	Number of scheduled HSDPA users per TTI when there are no HSDPA users in the target cell and four HSDPA users in the other cell (0-4).	Sum, nkcttbh, nkrttbh, tot
hsdpa_users_0_5_in_cells	nok_wbts_hs_usr_tab.xw0rpxndmm2aicsd002uaxybdk	INTEGER	#	Number of scheduled HSDPA users per TTI when there are no HSDPA users in the target cell and five HSDPA users in the other cell (0-5).	Sum, nkcttbh, nkrttbh, tot
hsdpa_users_0_6_in_cells	nok_wbts_hs_usr_tab.xw0rpxpdmm2aicsd002uaxybdk	INTEGER	#	Number of scheduled HSDPA users per TTI when there are no HSDPA users in the target cell and six HSDPA users in the other cell (0-6).	Sum, nkcttbh, nkrttbh, tot
hsdpa_users_0_in_target_cell_1_in_other_cell	nok_wbts_hs_usr_tab.uaqadg21im2ahsxr0035xkcuai	INTEGER	#	Number of scheduled HSDPA users per TTI when there are no HSDPA users in the target cell and one HSDPA user in the other cell (0-1).	Sum, nkcttbh, nkrttbh, tot
hsdpa_users_0_in_target_cell_2_in_ot	nok_wbts_hs_usr_tab.uaqadg41im2ahsxr0035xkcuai	INTEGER	#	Number of scheduled HSDPA	Sum, nkcttbh,

her_cell				users per TTI when there are no HSDPA users in the target cell and two HSDPA users in the other cell (0-2).	nkrttbh, tot
hsdpa_users_0_in_target_cell_3_in_other_cell	nok_wbts_hs_usr_tab.uaqadg61im2ahsxr0035xkcuai	INTEGER	#	Number of scheduled HSDPA users per TTI when there are no HSDPA users in the target cell and three HSDPA users in the other cell (0-3).	Sum, nkcttbh, nkrttbh, tot
hsdpa_users_1_3_in_cells	nok_wbts_hs_usr_tab.xw0rpxrdmm2aicsd002uaxybdk	INTEGER	#	Number of scheduled HSDPA users per TTI when there is one HSDPA user in the target cell and three HSDPA users in the other cell (1-3).	Sum, nkcttbh, nkrttbh, tot
hsdpa_users_1_4_in_cells	nok_wbts_hs_usr_tab.xw0rpxtdmm2aicsd002uaxybdk	INTEGER	#	Number of scheduled HSDPA users per TTI when there is one HSDPA user in the target cell and four HSDPA users in the other cell (1-4).	Sum, nkcttbh, nkrttbh, tot
hsdpa_users_1_5_in_cells	nok_wbts_hs_usr_tab.xw0rpxvdmm2aicsd002uaxybdk	INTEGER	#	Number of scheduled HSDPA users per TTI when there is one HSDPA user in the target cell and five HSDPA users in the other cell (1-5).	Sum, nkcttbh, nkrttbh, tot
hsdpa_users_1_6_in_cells	nok_wbts_hs_usr_tab.xw0rpxxdmm2aicsd002uaxybdk	INTEGER	#	Number of scheduled HSDPA users per TTI when	Sum, nkcttbh, nkrttbh,

				there is one HSDPA user in the target cell and six HSDPA users in the other cell (1-6).	tot
hsdpa_users_1_in_target_cell_0_in_other_cell	nok_wbts_hs_usr_tab.uaqadgb1im2ahsxr0035xkcuai	INTEGER	#	Number of scheduled HSDPA users per TTI when there is one HSDPA user in the target cell and no HSDPA users in the other cell (1-0).	Sum, nkcttbh, nkrttbh, tot
hsdpa_users_1_in_target_cell_1_in_other_cell	nok_wbts_hs_usr_tab.uaqadgd1im2ahsxr0035xkcuai	INTEGER	#	Number of scheduled HSDPA users per TTI when there is one HSDPA user in the target cell and one HSDPA user in the other cell (1-1).	Sum, nkcttbh, nkrttbh, tot
hsdpa_users_1_in_target_cell_2_in_other_cell	nok_wbts_hs_usr_tab.uaqadgf1im2ahsxr0035xkcuai	INTEGER	#	Number of scheduled HSDPA users per TTI when there is one HSDPA user in the target cell and two HSDPA users in the other cell (1-2).	Sum, nkcttbh, nkrttbh, tot
hsdpa_users_2_2_in_cells	nok_wbts_hs_usr_tab.xw0rpy0dmm2aicsd002uaxybdk	INTEGER	#	Number of scheduled HSDPA users per TTI when there are two HSDPA users in the target cell and two HSDPA users in the other cell (2-2).	Sum, nkcttbh, nkrttbh, tot

This edition applies to IBM® Tivoli® Netcool® Performance Manager for Wireless and to all subsequent releases and modifications until otherwise indicated in new editions.

hsdpa_users_2_3_in_cells	nok_wbts_hs_usr_tab.xw0rpy2dmm2aicsd002uaxybdk	INTEGER	#	Number of scheduled HSDPA users per TTI when there are two HSDPA users in the target cell and three HSDPA users in the other cell (2-3).	Sum, nkcttbh, nkrttbh, tot
hsdpa_users_2_4_in_cells	nok_wbts_hs_usr_tab.xw0rpy4dmm2aicsd002uaxybdk	INTEGER	#	Number of scheduled HSDPA users per TTI when there are two HSDPA users in the target cell and four HSDPA users in the other cell (2-4).	Sum, nkcttbh, nkrttbh, tot
hsdpa_users_2_5_in_cells	nok_wbts_hs_usr_tab.xw0rpy6dmm2aicsd002uaxybdk	INTEGER	#	Number of scheduled HSDPA users per TTI when there are two HSDPA users in the target cell and five HSDPA users in the other cell (2-5).	Sum, nkcttbh, nkrttbh, tot
hsdpa_users_2_6_in_cells	nok_wbts_hs_usr_tab.xw0rpybdmm2aicsd002uaxybdk	INTEGER	#	Number of scheduled HSDPA users per TTI when there are two HSDPA users in the target cell and six HSDPA users in the other cell (2-6).	Sum, nkcttbh, nkrttbh, tot
hsdpa_users_2_in_target_cell_0_in_other_cell	nok_wbts_hs_usr_tab.uaqadgh1im2ahsxr0035xkcuai	INTEGER	#	Number of scheduled HSDPA users per TTI when there are two HSDPA users in the target cell and no HSDPA users in the other cell (2-0).	Sum, nkcttbh, nkrttbh, tot

hsdpa_users_2_in_target_cell_1_in_other_cell	nok_wbts_hs_usr_tab.uaqadgj1im2ahsxr0035xkcuai	INTEGER	#	Number of scheduled HSDPA users per TTI when there are two HSDPA users in the target cell and one HSDPA user in the other cell (2-1).	Sum, nkcttbh, nkrttbh, tot
hsdpa_users_3_1_in_cells	nok_wbts_hs_usr_tab.xw0rpyddmm2aicsd002uaxybdk	INTEGER	#	Number of scheduled HSDPA users per TTI when there are three HSDPA users in the target cell and one HSDPA user in the other cell (3-1).	Sum, nkcttbh, nkrttbh, tot
hsdpa_users_3_2_in_cells	nok_wbts_hs_usr_tab.xw0rpyfdmm2aicsd002uaxybdk	INTEGER	#	Number of scheduled HSDPA users per TTI when there are three HSDPA users in the target cell and two HSDPA users in the other cell (3-2).	Sum, nkcttbh, nkrttbh, tot
hsdpa_users_3_3_in_cells	nok_wbts_hs_usr_tab.xw0rpyhdmm2aicsd002uaxybdk	INTEGER	#	Number of scheduled HSDPA users per TTI when there are three HSDPA users in the target cell and three HSDPA users in the other cell (3-3).	Sum, nkcttbh, nkrttbh, tot
hsdpa_users_3_4_in_cells	nok_wbts_hs_usr_tab.xw0rpyjdmm2aicsd002uaxybdk	INTEGER	#	Number of scheduled HSDPA users per TTI when there are three	Sum, nkcttbh, nkrttbh, tot

				HSDPA users in the target cell and four HSDPA users in the other cell (3-4).	
hsdpa_users_3_5_in_cells	nok_wbts_hs_usr_tab.xw0rpyldmm2aicsd002uaxybdk	INTEGER	#	Number of scheduled HSDPA users per TTI when there are three HSDPA users in the target cell and five HSDPA users in the other cell (3-5).	Sum, nkcttbh, nkrttbh, tot
hsdpa_users_3_6_in_cells	nok_wbts_hs_usr_tab.xw0rpyndmm2aicsd002uaxybdk	INTEGER	#	Number of scheduled HSDPA users per TTI when there are three HSDPA users in the target cell and six HSDPA users in the other cell (3-6).	Sum, nkcttbh, nkrttbh, tot
hsdpa_users_3_in_target_cell_0_in_other_cell	nok_wbts_hs_usr_tab.uaqadgl1im2ahsxr0035xkcuai	INTEGER	#	Number of scheduled HSDPA users per TTI when there are three HSDPA users in the target cell and no HSDPA users in the other cell (3-0).	Sum, nkcttbh, nkrttbh, tot

6.6.201Cell.Nokia.UMTS.wbts_wn.hsupa_power

WBTS HSUPA power transmission statistics.

KPI Name	Expression	Data Type	Units	Description	Aggregation
hsupa_dl_physical_channel_power_distribution_class_01	nok_wbts_hsupa_pwr_tab.ugpugrn1im2ahsxr0035xkcuai	INTEGER	#	Number of measurement periods whose average power matches the power limits of class 1	Sum, nkcttbh, nkrttbh, tot

				(power less 0.1W).	
hsupa_dl_physical_channel_power_distribution_class_02	nok_wbts_hsupa_pwr_tab.ugpugrp1im2ahsxr0035xkcuai	INTEGER	#	Number of measurement periods whose average power matches the power limits of class 2 (0.1W more or equal power and less than 0.2W).	Sum, nkcttbh, nkrttbh, tot
hsupa_dl_physical_channel_power_distribution_class_03	nok_wbts_hsupa_pwr_tab.ugpugrr1im2ahsxr0035xkcuai	INTEGER	#	Number of measurement periods whose average power matches the power limits of class 3 (0.2Wmore or equal power and less than 0.4W).	Sum, nkcttbh, nkrttbh, tot
hsupa_dl_physical_channel_power_distribution_class_04	nok_wbts_hsupa_pwr_tab.ugpugrt1im2ahsxr0035xkcuai	INTEGER	#	Number of measurement periods whose average power matches the power limits of class 4 (0.4Wmore or equal power and less than 0.8W).	Sum, nkcttbh, nkrttbh, tot
hsupa_dl_physical_channel_power_distribution_class_05	nok_wbts_hsupa_pwr_tab.ugpugrv1im2ahsxr0035xkcuai	INTEGER	#	Number of measurement periods whose average power matches the power limits of class 5 (0.8W more or equal power and less than1.6W).	Sum, nkcttbh, nkrttbh, tot
hsupa_dl_physical_	nok_wbts_hsupa_pwr_tab.	INTEG	#	Number of	Sum,

channel_power_distribution_class_06	ugpugrx1im2ahsxr0035xkcuai	ER		measurement periods whose average power matches the power limits of class 6 (power more or equal power than1.6W).	nkcttbh, nkrttbh, tot
hsupa_ul_average_physical_channel_power	nok_wbts_hsupa_pwr_tab.ugpugsd1im2ahsxr0035xkcuai	INTEGER	#	Indicates the average received HSUPA power using the average over the measurement period samples.	Average, avg, max, min, nkcttbh, nkrttbh, tot
hsupa_ul_maximum_physical_channel_power	nok_wbts_hsupa_pwr_tab.ugpugsb1im2ahsxr0035xkcuai	INTEGER	#	Indicates the maximum received HSUPA power using the average over the measurement period.	Constant, avg, max, min, nkcttbh, nkrttbh, tot
hsupa_ul_minimum_physical_channel_power	nok_wbts_hsupa_pwr_tab.ugpugs61im2ahsxr0035xkcuai	INTEGER	#	Indicates the minimum received HSUPA power using the average over the measurement period.	Minimum, avg, max, min, nkcttbh, nkrttbh, tot
hsupa_ul_physical_channel_power_sample_counter	nok_wbts_hsupa_pwr_tab.ugpugsf1im2ahsxr0035xkcuai	INTEGER	#	Number of samples used for received HSUPA power counters	Sum, nkcttbh, nkrttbh, tot

6.6.202Cell.Nokia.UMTS.wbts_wn.hsupa_thput

WBTS HSUPA throughput statistics.

KPI Name	Expression	Data Type	Units	Description	Aggregation
hsupa_average_macd_throughput	nok_wbts_hsupa_thpt_tab.ugpugs41im2ahsxr0035xkc	INTEGER	kbit/s	Indicates the average HSUPA	Average, avg, max,

	uai			MAC-d throughput [kbit/s] using the average over the measurement period samples.	min, nkcttbh, nkrttbh, tot
hsupa_maximum_macd_throughput	nok_wbts_hsupa_thpt_tab.ugpugs21im2ahsxr0035xkcuai	INTEGER	kbit/s	Indicates the maximum HSUPA MAC-d throughput [kbit/s] using the average over the measurement period.	Constant, avg, max, min, nkcttbh, nkrttbh, tot
hsupa_minimum_macd_throughput	nok_wbts_hsupa_thpt_tab.ugpugs01im2ahsxr0035xkcuai	INTEGER	kbit/s	Indicates the minimum HSUPA MAC-d throughput [kbit/s] using the average over the measurement period.	Minimum, avg, max, min, nkcttbh, nkrttbh, tot

6.6.203Cell.Nokia.UMTS.wbts_wn.mac_e_transmit

WBTS EDCH MAC-E PDU statistics.

KPI Name	Expression	Data Type	Units	Description	Aggregation
mac_e_pdu_dtx_counter	nok_wbts_mace_tx_tab.ugpugrf1im2ahsxr0035xkcuai	INTEGER	#	Number of DTXs (no transmission) detected in E-DCH Serving Cell.	Sum, nkcttbh, nkrttbh, tot
mac_e_pdu_harq_failure_counter	nok_wbts_mace_tx_tab.ugpugrh1im2ahsxr0035xkcuai	INTEGER	#	Number of MAC-e PDUs that are not received correctly despite retransmission in E-DCH Serving Cell.	Sum, nkcttbh, nkrttbh, tot
mac_e_pdu_lost_co	nok_wbts_mace_tx_tab.ug	INTEG	#	Number of MAC-e	Sum,

unter	pugrj1im2ahsxr0035xkcuai	ER		PDUs that are received correctly but lost for an unknown reason, such as buffer overflow.	nkcttbh, nkrttbh, tot
mac_e_pdu_retransmissions_0_counter	nok_wbts_mace_tx_tab.ugpugql1im2ahsxr0035xkcuai	INTEGER	#	Number of MAC-e PDUs that are received correctly without retransmissions in E-DCH Serving Cell.	Sum, nkcttbh, nkrttbh, tot
mac_e_pdu_retransmissions_1_counter	nok_wbts_mace_tx_tab.ugpugqn1im2ahsxr0035xkcuai	INTEGER	#	Number of MAC-e PDUs that are received correctly with one retransmissions in E-DCH Serving Cell.	Sum, nkcttbh, nkrttbh, tot
mac_e_pdu_retransmissions_10_counter	nok_wbts_mace_tx_tab.ugpugr61im2ahsxr0035xkcuai	INTEGER	#	Number of MAC-e PDUs that are received correctly with ten retransmissions in E-DCH Serving Cell.	Sum, nkcttbh, nkrttbh, tot
mac_e_pdu_retransmissions_11_counter	nok_wbts_mace_tx_tab.ugpugrb1im2ahsxr0035xkcuai	INTEGER	#	Number of MAC-e PDUs that are received correctly with eleven retransmissions in E-DCH Serving Cell.	Sum, nkcttbh, nkrttbh, tot
mac_e_pdu_retransmissions_12_counter	nok_wbts_mace_tx_tab.ugpugrd1im2ahsxr0035xkcuai	INTEGER	#	Number of MAC-e PDUs that are received correctly with twelve retransmissions in E-DCH Serving Cell.	Sum, nkcttbh, nkrttbh, tot
mac_e_pdu_retrans	nok_wbts_mace_tx_tab.ug	INTEG	#	Number of MAC-e	Sum,

missions_2_counter	pugqp1im2ahsxr0035xkcuai	ER		PDUs that are received correctly with two retransmissions in E-DCH Serving Cell.	nkcttbh, nkrttbh, tot
mac_e_pdu_retransmissions_3_counter	nok_wbts_mace_tx_tab.ugpugqr1im2ahsxr0035xkcuai	INTEGER	#	Number of MAC-e PDUs that are received correctly with three retransmissions in E-DCH Serving Cell.	Sum, nkcttbh, nkrttbh, tot
mac_e_pdu_retransmissions_4_counter	nok_wbts_mace_tx_tab.ugpugqt1im2ahsxr0035xkcuai	INTEGER	#	Number of MAC-e PDUs that are received correctly with four retransmissions in E-DCH Serving Cell.	Sum, nkcttbh, nkrttbh, tot
mac_e_pdu_retransmissions_5_counter	nok_wbts_mace_tx_tab.ugpugqv1im2ahsxr0035xkcuai	INTEGER	#	Number of MAC-e PDUs that are received correctly with five retransmissions in E-DCH Serving Cell.	Sum, nkcttbh, nkrttbh, tot
mac_e_pdu_retransmissions_6_counter	nok_wbts_mace_tx_tab.ugpugqx1im2ahsxr0035xkcuai	INTEGER	#	Number of MAC-e PDUs that are received correctly with six retransmissions in E-DCH Serving Cell.	Sum, nkcttbh, nkrttbh, tot
mac_e_pdu_retransmissions_7_counter	nok_wbts_mace_tx_tab.ugpugr01im2ahsxr0035xkcuai	INTEGER	#	Number of MAC-e PDUs that are received correctly with seven	Sum, nkcttbh, nkrttbh, tot

This edition applies to IBM® Tivoli® Netcool® Performance Manager for Wireless and to all subsequent releases and modifications until otherwise indicated in new editions.

				retransmissions in E-DCH Serving Cell.	
mac_e_pdu_retransmissions_8_counter	nok_wbts_mace_tx_tab.ugpugr21im2ahsxr0035xkcuai	INTEGER	#	Number of MAC-e PDUs that are received correctly with eight retransmissions in E-DCH Serving Cell.	Sum, nkcttbh, nkrttbh, tot
mac_e_pdu_retransmissions_9_counter	nok_wbts_mace_tx_tab.ugpugr41im2ahsxr0035xkcuai	INTEGER	#	Number of MAC-e PDUs that are received correctly with nine retransmissions in E-DCH Serving Cell.	Sum, nkcttbh, nkrttbh, tot
mac_e_pdu_retransmissions_unknown_counter	nok_wbts_mace_tx_tab.ugpugrl1im2ahsxr0035xkcuai	INTEGER	#	Number of MAC-e PDUs that are received correctly but the number of retransmissions is unknown.	Sum, nkcttbh, nkrttbh, tot

6.6.204Cell.Nokia.UMTS.wbts_wn3.buffer_delay

MAC PDU measurements

KPI Name	Expression	Data Type	Units	Description	Aggregation
average_mac_d_pdu_buffer_delay	nok_wbts_buff_delay_tab.ybmrnjhafq2ahdvuj02uauibev	FLOAT	Sec	Average MAC-D PDU buffer delay.	Average, avg, max, min, nkcttbh, nkrttbh, tot
maximum_mac_d_pdu_buffer_delay	nok_wbts_buff_delay_tab.ybmrnjlafq2ahdvuj02uauibev	INTEGER	Sec	Maximum MAC-D PDU buffer delay.	Constant, avg, max, min, nkcttbh, nkrttbh, tot

minimum_mac_d_pdu_buffer_delay	nok_wbts_buff_delay_tab.ybmrnjjafq2ahdvuj02uauibev	INTEGER	Sec	Minimum MAC-D PDU buffer delay.	Minimum, avg, max, min, nkcttbh, nkrttbh, tot

6.6.205Cell.Nokia.UMTS.wbts_wn3.cqi

Nokia WBTS WN3.0 specific:CQI measurement related statistics

KPI Name	Expression	Data Type	Units	Description	Aggregation
cqi_dist_cl_0	nok_wbts_cqi_tab.sd6jop2ahl26seccb00hw01qk4	INT8	#	Number of reported CQI values matching to "Reported CQI distribution - class 0" (numbers of CQI value 0).	Sum, nkcttbh, nkrttbh, tot
cqi_dist_cl_10	nok_wbts_cqi_tab.sdis22pahl26seccb00hw01qk4	INT8	#	Number of reported CQI values matching to "Reported CQI distribution - class 10" (numbers of CQI value 10).	Sum, nkcttbh, nkrttbh, tot
cqi_dist_cl_11	nok_wbts_cqi_tab.sdjosbhahl26seccb00hw01qk4	INT8	#	Number of reported CQI values matching to "Reported CQI distribution - class 11" (numbers of CQI value	Sum, nkcttbh, nkrttbh, tot
cqi_dist_cl_12	nok_wbts_cqi_tab.sdkkky6ahl26seccb00hw01qk4	INT8	#	Number of reported CQI values matching to "Reported CQI	Sum, nkcttbh, nkrttbh, tot

				distribution - class 12" (numbers of CQI value 12).	
cqi_dist_cl_13	nok_wbts_cqi_tab.sdlig46ahl26seccb00hw01qk4	INT8	#	Number of reported CQI values matching to "Reported CQI distribution - class 13" (numbers of CQI value 13).	Sum, nkcttbh, nkrttbh, tot
cqi_dist_cl_14	nok_wbts_cqi_tab.sdmeba6ahl26seccb00hw01qk4	INT8	#	Number of reported CQI values matching to "Reported CQI distribution - class 14" (numbers of CQI value 14).	Sum, nkcttbh, nkrttbh, tot
cqi_dist_cl_15	nok_wbts_cqi_tab.sdnaekxahl26seccb00hw01qk4	INT8	#	Number of reported CQI values matching to "Reported CQI distribution - class 15" (numbers of CQI value 15).	Sum, nkcttbh, nkrttbh, tot
cqi_dist_cl_16	nok_wbts_cqi_tab.sdo2trxahl26seccb00hw01qk4	INT8	#	Number of reported CQI values matching to "Reported CQI distribution - class 16" (numbers of CQI value 16).	Sum, nkcttbh, nkrttbh, tot
cqi_dist_cl_17	nok_wbts_cqi_tab.sdowl6pahl26seccb00hw01qk4	INT8	#	Number of reported CQI values matching to "Reported CQI distribution - class 17" (numbers of CQI value 17).	Sum, nkcttbh, nkrttbh, tot
cqi_dist_cl_18	nok_wbts_cqi_tab.sdpqrodahl26seccb00hw01qk4	INT8	#	Number of reported CQI values matching to "Reported CQI	Sum, nkcttbh, nkrttbh, tot

				distribution - class 18" (numbers of CQI value 18).	
cqi_dist_cl_19	nok_wbts_cqi_tab.sdqkhshahl26seccb00hw01qk4	INT8	#	Number of reported CQI values matching to "Reported CQI distribution - class 19" (numbers of CQI value 19).	Sum, nkcttbh, nkrttbh, tot
cqi_dist_cl_1	nok_wbts_cqi_tab.sdagflhahl26seccb00hw01qk4	INT8	#	Number of reported CQI values matching to "Reported CQI distribution - class 1" (numbers of CQI value 1).	Sum, nkcttbh, nkrttbh, tot
cqi_dist_cl_20	nok_wbts_cqi_tab.sdrf0t2ahl26seccb00hw01qk4	INT8	#	Number of reported CQI values matching to "Reported CQI distribution - class 20" (numbers of CQI value 20).	Sum, nkcttbh, nkrttbh, tot
cqi_dist_cl_21	nok_wbts_cqi_tab.sds6jjxahl26seccb00hw01qk4	INT8	#	Number of reported CQI values matching to "Reported CQI distribution - class 21" (numbers of CQI value 21).	Sum, nkcttbh, nkrttbh, tot
cqi_dist_cl_22	nok_wbts_cqi_tab.sdt0nlpahl26seccb00hw01qk4	INT8	#	Number of reported CQI values matching to "Reported CQI distribution - class 22" (numbers of CQI value 22).	Sum, nkcttbh, nkrttbh, tot

This edition applies to IBM® Tivoli® Netcool® Performance Manager for Wireless and to all subsequent releases and modifications until otherwise indicated in new editions.

cqi_dist_cl_23	nok_wbts_cqi_tab.sdtu3ftahl26seccb00hw01qk4	INT8	#	Number of reported CQI values matching to "Reported CQI distribution - class 23" (numbers of CQI value 23).	Sum, nkcttbh, nkrttbh, tot
cqi_dist_cl_24	nok_wbts_cqi_tab.sduoubxahl26seccb00hw01qk4	INT8	#	Number of reported CQI values matching to "Reported CQI distribution - class 24" (numbers of CQI value 24).	Sum, nkcttbh, nkrttbh, tot
cqi_dist_cl_25	nok_wbts_cqi_tab.sdvk00xahl26seccb00hw01qk4	INT8	#	Number of reported CQI values matching to "Reported CQI distribution - class 25" (numbers of CQI value 25).	Sum, nkcttbh, nkrttbh, tot
cqi_dist_cl_26	nok_wbts_cqi_tab.sdwdwopahl26seccb00hw01qk4	INT8	#	Number of reported CQI values matching to "Reported CQI distribution - class 26" (numbers of CQI value 26).	Sum, nkcttbh, nkrttbh, tot
cqi_dist_cl_27	nok_wbts_cqi_tab.sdx5bplahl26seccb00hw01qk4	INT8	#	Number of reported CQI values matching to "Reported CQI distribution - class 27" (numbers of CQI value 27).	Sum, nkcttbh, nkrttbh, tot
cqi_dist_cl_28	nok_wbts_cqi_tab.sdxyjl6ahl26seccb00hw01qk4	INT8	#	Number of reported CQI values matching to "Reported CQI distribution - class 28" (numbers of CQI value 28).	Sum, nkcttbh, nkrttbh, tot

cqi_dist_cl_29	nok_wbts_cqi_tab.sdytjehahl26seccb00hw01qk4	INT8	#	Number of reported CQI values matching to "Reported CQI distribution - class 29" (numbers of CQI value 29).	Sum, nkcttbh, nkrttbh, tot
cqi_dist_cl_2	nok_wbts_cqi_tab.sdbdqkdahl26seccb00hw01qk4	INT8	#	Number of reported CQI values matching to "Reported CQI distribution - class 2" (numbers of CQI value 2).	Sum, nkcttbh, nkrttbh, tot
cqi_dist_cl_30	nok_wbts_cqi_tab.se0odblahl26seccb00hw01qk4	INT8	#	Number of reported CQI values matching to "Reported CQI distribution - class 30" (numbers of CQI value 30).	Sum, nkcttbh, nkrttbh, tot
cqi_dist_cl_3	nok_wbts_cqi_tab.sdcb4olahl26seccb00hw01qk4	INT8	#	Number of reported CQI values matching to "Reported CQI distribution - class 3" (numbers of CQI value 3).	Sum, nkcttbh, nkrttbh, tot
cqi_dist_cl_4	nok_wbts_cqi_tab.sdd5huhahl26seccb00hw01qk4	INT8	#	Number of reported CQI values matching to "Reported CQI distribution - class 4" (numbers of CQI value 4).	Sum, nkcttbh, nkrttbh, tot
cqi_dist_cl_5	nok_wbts_cqi_tab.sde1whtahl26seccb00hw01qk4	INT8	#	Number of reported CQI values matching to	Sum, nkcttbh, nkrttbh,

				"Reported CQI distribution - class 5" (numbers of CQI value 5).	tot
cqi_dist_cl_6	nok_wbts_cqi_tab.sdeytjhahl26seccb00hw01qk4	INT8	#	Number of reported CQI values matching to "Reported CQI distribution - class 6" (numbers of CQI value 6).	Sum, nkcttbh, nkrttbh, tot
cqi_dist_cl_7	nok_wbts_cqi_tab.sdfx6ttahl26seccb00hw01qk4	INT8	#	Number of reported CQI values matching to "Reported CQI distribution - class 7" (numbers of CQI value 7).	Sum, nkcttbh, nkrttbh, tot
cqi_dist_cl_8	nok_wbts_cqi_tab.sdgv0v6ahl26seccb00hw01qk4	INT8	#	Number of reported CQI values matching to "Reported CQI distribution - class 8" (numbers of CQI value 8).	Sum, nkcttbh, nkrttbh, tot
cqi_dist_cl_9	nok_wbts_cqi_tab.sdhtq26ahl26seccb00hw01qk4	INT8	#	Number of reported CQI values matching to "Reported CQI distribution - class 9" (numbers of CQI value 9).	Sum, nkcttbh, nkrttbh, tot
cqi_failed	nok_wbts_cqi_tab.se1mgplahl26seccb00hw01qk4	INT8	#	Number of CQI decoding failures.	Sum, nkcttbh, nkrttbh, tot

6.6.206Cell.Nokia.UMTS.wbts_wn3.discarded_mac

Nokia WBTS WN3.0 specific:Discarded MAC related statistics

KPI Name	Expression	Data	Units	Description	Aggregati

		Type			on
disc_mac_hs_pdu_max_retrans	nok_wbts_disc_mac_tab.se3ljntahl26seccb00hw01qk4	INT8	#	Number of discarded MAC-hs PDUs due to maximum number of retransmissions.	Sum, nkcttbh, nkrttbh, tot
disc_mac_hs_pdu_t1	nok_wbts_disc_mac_tab.se2kbtxahl26seccb00hw01qk4	INT8	#	Number of discarded MAC-hs PDUs due to T1 timer.	Sum, nkcttbh, nkrttbh, tot
discarded_mac_hs_pdus_due_to_other_reason	nok_wbts_disc_mac_tab.ybmrnjrafq2ahdvuj02uauibev	INTEGER	#	Number of discarded MAC-hs PDUs due to other reason.	Sum, nkcttbh, nkrttbh, tot

6.6.207Cell.Nokia.UMTS.wbts_wn3.hsscch_power

Nokia WBTS WN3.0 specific:HS-SCCH power related statistics

KPI Name	Expression	Data Type	Units	Description	Aggregation
hs_scch_pwr_dist_class_0	nok_wbts_hsscch_pwr_tab.se4q2thahl26seccb00hw01qk4	INT8	#	The HS-SCCH transmit power measurement. Number of TTIs matching to power limit of class 0 (range; lower than 0.1 W).	Sum, nkcttbh, nkrttbh, tot
hs_scch_pwr_dist_class_1	nok_wbts_hsscch_pwr_tab.se5sv0dahl26seccb00hw01qk4	INT8	#	The HS-SCCH transmit power measurement. Number of TTIs matching to power limits of class 1 (range 0.1 ... 0.2 W).	Sum, nkcttbh, nkrttbh, tot

This edition applies to IBM® Tivoli® Netcool® Performance Manager for Wireless and to all subsequent releases and modifications until otherwise indicated in new editions.

hs_scch_pwr_dist_class_2	nok_wbts_hsscch_pwr_tab.se6yci2ahl26seccb00hw01qk4	INT8	#	The HS-SCCH transmit power measurement. Number of TTIs matching to power limits of class 2 (range 0.2 ... 0.4 W).	Sum, nkcttbh, nkrttbh, tot
hs_scch_pwr_dist_class_3	nok_wbts_hsscch_pwr_tab.seauvalahl26seccb00hw01qk4	INT8	#	The HS-SCCH transmit power measurement. Number of TTIs matching to power limits of class 3 (range 0.4 ... 0.8 W).	Sum, nkcttbh, nkrttbh, tot
hs_scch_pwr_dist_class_4	nok_wbts_hsscch_pwr_tab.sebspkpahl26seccb00hw01qk4	INT8	#	The HS-SCCH transmit power measurement. Number of TTIs matching to power limits of class 4 (range 0.8 ... 1.6 W).	Sum, nkcttbh, nkrttbh, tot
hs_scch_pwr_dist_class_5	nok_wbts_hsscch_pwr_tab.secpbidahl26seccb00hw01qk4	INT8	#	The HS-SCCH transmit power measurement. Number of TTIs matching to power limits of class 5 (range; over 1.6 W).	Sum, nkcttbh, nkrttbh, tot
hs_scch_pwr_sum	nok_wbts_hsscch_pwr_tab.sedmwdhahl26seccb00hw01qk4	INT8	watt	The HS-SCCH transmit power measurement. The sum of Watts in active TTIs.	Sum, nkcttbh, nkrttbh, tot

6.6.208Cell.Nokia.UMTS.wbts_wn3.idle_time

MAC PDU measurements

KPI Name	Expression	Data Type	Units	Description	Aggregation

ttis_without_sending_data_from_user_buffer	nok_wbts_idle_time_tab.ybmrnjpafq2ahdvuj02uauibev	INTEGER	#	Number of TTIs when the data is not sent although there is data to send in the buffers.	Sum, nkcttbh, nkrttbh, tot
unscheduled_ttis_data_in_user_buffer	nok_wbts_idle_time_tab.ybmrnjnafq2ahdvuj02uauibev	INTEGER	#	The number of unscheduled TTIs (HSDPA idle time) when there is data in the users buffers (queues).	Sum, nkcttbh, nkrttbh, tot

6.6.209Cell.Nokia.UMTS.wbts_wn3.mac_d_pdu

Nokia WBTS WN3.0 specific:MAC-d PDU related statistics

KPI Name	Expression	Data Type	Units	Description	Aggregation
discarded_data_in_macd_pdus	nok_wbts_macd_pdu_tab.ugpugqj1im2ahsxr0035xkcuai	INTEGER	#	Amount of data in MAC-d PDUs discarded due to flow control buffer overflow.	Sum, nkcttbh, nkrttbh, tot
drop_mac_d_pdu_bts_owfl_656	nok_wbts_macd_pdu_tab.xw0rq62dmm2aicsd002uaxybdk	INTEGER	#	Number of dropped 656 bit MAC-d PDUs due to BTS buffer overflow.	Sum, nkcttbh, nkrttbh, tot
drop_mac_d_pdu_max_retx_656	nok_wbts_macd_pdu_tab.xw0rq66dmm2aicsd002uaxybdk	INTEGER	#	Number of dropped 656 bit MAC-d PDUs due to maximum number of retransmissions.	Sum, nkcttbh, nkrttbh, tot
drop_mac_d_pdu_max_retx_tot	nok_wbts_macd_pdu_tab.xw0rq64dmm2aicsd002uaxybdk	INTEGER	#	Number of dropped MAC-d PDUs due to maximum number of retransmissions.	Sum, nkcttbh, nkrttbh, tot

This edition applies to IBM® Tivoli® Netcool® Performance Manager for Wireless and to all subsequent releases and modifications until otherwise indicated in new editions.

				This counter includes PDUs of all sizes.	
drop_mac_d_pdu_oth_reason_656	nok_wbts_macd_pdu_tab.xw0rq6ddmm2aicsd002uaxybdk	INTEGER	#	Number of dropped 656 bit MAC-d PDUs due to other reason.	Sum, nkcttbh, nkrttbh, tot
drop_mac_d_pdu_oth_reason_tot	nok_wbts_macd_pdu_tab.xw0rq6bdmm2aicsd002uaxybdk	INTEGER	#	Number of dropped MAC-d PDUs due to other reason. This counter includes PDUs of all sizes.	Sum, nkcttbh, nkrttbh, tot
hsdpa_data_volume_macd_Iub	{mac_d_pdu_tot}*336/1000000	FLOAT	bit	HSDPA received data (Mbit) in RAN access points (=WCELLs). Based on received MAC-d PDUs in HS-DSCH data frames at BTS.	Sum, nkcttbh, nkrttbh, tot
hsdpa_macd_net_throughput_bts	(({mac_d_pdu_tot}-{mac_d_pdu_drop_bts_owfl})*336/1000) / {measurement_seconds}	FLOAT	kbps	HSDPA MAC-d net throughput, that is, successfully delivered MAC-d PDUs to HSDPA Capable UEs assuming that MAC-hs is capable of delivering the PUDs.	Average, avg, max, min, nkcttbh, nkrttbh, tot
mac_d_pdu_656	nok_wbts_macd_pdu_tab.uecvrfhhos2aibkmj035xkctln	INTEGER	#	Number of MAC-D PDUs size of 656, updated when the BTS received MAC-D PDUs from RNC/I-HSPA.	Sum, nkcttbh, tot
mac_d_pdu_drop_bts_owfl	nok_wbts_macd_pdu_tab.sefn12pahl26seccb00hw01qk4	INT8	#	Number of dropped MAC-d PDUs due to BTS buffer overflow.	Sum, nkcttbh, nkrttbh, tot
mac_d_pdu_tot	nok_wbts_macd_pdu_tab.s	INT8	#	Total number of	Sum,

	eeqkwtahl26seccb00hw01qk4			received MAC-d PDUs.	nkcttbh, nkrttbh, tot
received_data_in_macd_pdus	nok_wbts_macd_pdu_tab.uaqadj61im2ahsxr0035xkcuai	INTEGER	#	Amount of data received from the RNC in MAC-d PDUs.	Sum, nkcttbh, nkrttbh, tot

6.6.210Cell.Nokia.UMTS.wbts_wn3.mac_hs_transmit

Nokia WBTS WN3.0 specific:MAC-HS related statistics

KPI Name	Expression	Data Type	Units	Description	Aggregation
hsdpa_mac_hs_efficiency	100 * ({mac_hs_pdu_retr_dist_cl_0} + {mac_hs_pdu_retr_dist_cl_1} + {mac_hs_pdu_retr_dist_cl_2} + {mac_hs_pdu_retr_dist_cl_3} + {mac_hs_pdu_retr_dist_cl_4} + {mac_hs_pdu_retr_dist_cl_5})/ ({orig_trans_1_code_qpsk} + {orig_trans_2_code_qpsk} + {orig_trans_3_code_qpsk} + {orig_trans_4_code_qpsk} + {orig_trans_5_code_qpsk} + {orig_trans_1_code_16qam} +	FLOAT	%	HSDPA Retransmission ratio between BTS and HSDPA capable UEs done by MAC-hs. Based on successfully sent MAC-hs PDUs divided by totally sent MAC-hs PDUs. (Total number of all successful sent MAC-hs PDUs divided by total number of all transmitted MAC-hs PDUs (including retransmissions)).	Average, avg, max, min, nkcttbh, nkrttbh, tot

	{orig_trans_2_code_16qam} + {orig_trans_3_code_16qam} + {orig_trans_4_code_16qam} + {orig_trans_5_code_16qam} + {retrans_1_code_qpsk} + {retrans_2_code_qpsk} + {retrans_3_code_qpsk} + {retrans_4_code_qpsk} + {retrans_5_code_qpsk} + {retrans_1_code_16qam} + {retrans_2_code_16qam} + {retrans_3_code_16qam} + {retrans_4_code_16qam}+ {retrans_5_code_16qam})				
mac_hs_pdu_retr_dist_cl_0	nok_wbts_machs_tx_tab.sf1i5h6ahl26seccb00hw01qk4	INT8	#	Number of correctly delivered MAC-hs PDUs that have been done without retransmission matching to "MAC-hs PDU retransmission distribution - class 0".	Sum, nkcttbh, nkrttbh, tot
mac_hs_pdu_retr_dist_cl_1	nok_wbts_machs_tx_tab.sf2d6r6ahl26seccb00hw01qk4	INT8	#	Number of MAC-hs PDU retransmissions matching to "MAChs PDU retransmission distribution - class 1" (1 retransmission per PDU).	Sum, nkcttbh, nkrttbh, tot
mac_hs_pdu_retr_dist_cl_2	nok_wbts_machs_tx_tab.sf351ahahl26seccb00hw01qk4	INT8	#	Number of MAC-hs PDU retransmissions matching to "MAChs PDU retransmission distribution - class	Sum, nkcttbh, nkrttbh, tot

				2" (2 retransmission per PDU).	
mac_hs_pdu_retr_dist_cl_3	nok_wbts_machs_tx_tab.sf3yrgpahl26seccb00hw01qk4	INT8	#	Number of MAC-hs PDU retransmissions matching to "MAChs PDU retransmission distribution - class 3" (3 retransmission per PDU).	Sum, nkcttbh, nkrttbh, tot
mac_hs_pdu_retr_dist_cl_4	nok_wbts_machs_tx_tab.sf4va5hahl26seccb00hw01qk4	INT8	#	Number of MAC-hs PDU retransmissions matching to "MAChs PDU retransmission distribution - class 4" (4 retransmission per PDU).	Sum, nkcttbh, nkrttbh, tot
mac_hs_pdu_retr_dist_cl_5	nok_wbts_machs_tx_tab.sf5sok2ahl26seccb00hw01qk4	INT8	#	Number of MAC-hs PDU retransmissions matching to "MAChs PDU retransmission distribution - class 5" (more than 4 retransmission per PDU).	Sum, nkcttbh, nkrttbh, tot
mac_hs_pdu_retransmission_with_10_code_by_16qam	nok_wbts_machs_tx_tab.uaqadit1im2ahsxr0035xkcuai	INTEGER	#	Number of retransmitted MAC-hs PDUs with 10 codes using 16QAM modulation.	Sum, nkcttbh, nkrttbh, tot
mac_hs_pdu_retransmission_with_10_	nok_wbts_machs_tx_tab.uaqadi61im2ahsxr0035xkcuai	INTEGER	#	Number of retransmitted MAC-	Sum, nkcttbh,

code_by_qpsk				hs PDUs with 10 codes using QPSK modulation.	nkrttbh, tot
mac_hs_pdu_retransmission_with_11_code_by_16qam	nok_wbts_machs_tx_tab.uaqadiv1im2ahsxr0035xkcuai	INTEGER	#	Number of retransmitted MAC-hs PDUs with 11 codes using 16QAM modulation.	Sum, nkcttbh, nkrttbh, tot
mac_hs_pdu_retransmission_with_11_code_by_qpsk	nok_wbts_machs_tx_tab.uaqadib1im2ahsxr0035xkcuai	INTEGER	#	Number of retransmitted MAC-hs PDUs with 11 codes using QPSK modulation.	Sum, nkcttbh, nkrttbh, tot
mac_hs_pdu_retransmission_with_12_code_by_16qam	nok_wbts_machs_tx_tab.uaqadix1im2ahsxr0035xkcuai	INTEGER	#	Number of retransmitted MAC-hs PDUs with 12 codes using 16QAM modulation.	Sum, nkcttbh, nkrttbh, tot
mac_hs_pdu_retransmission_with_12_code_by_qpsk	nok_wbts_machs_tx_tab.uaqadid1im2ahsxr0035xkcuai	INTEGER	#	Number of retransmitted MAC-hs PDUs with 12 codes using QPSK modulation.	Sum, nkcttbh, nkrttbh, tot
mac_hs_pdu_retransmission_with_13_code_by_16qam	nok_wbts_machs_tx_tab.uaqadj01im2ahsxr0035xkcuai	INTEGER	#	Number of retransmitted MAC-hs PDUs with 13 codes using 16QAM modulation.	Sum, nkcttbh, nkrttbh, tot
mac_hs_pdu_retransmission_with_13_code_by_qpsk	nok_wbts_machs_tx_tab.uaqadif1im2ahsxr0035xkcuai	INTEGER	#	Number of retransmitted MAC-hs PDUs with 13 codes using QPSK modulation.	Sum, nkcttbh, nkrttbh, tot
mac_hs_pdu_retransmission_with_14_code_by_16qam	nok_wbts_machs_tx_tab.uaqadj21im2ahsxr0035xkcuai	INTEGER	#	Number of retransmitted MAC-hs PDUs with 14 codes using 16QAM	Sum, nkcttbh, nkrttbh, tot

				modulation.	
mac_hs_pdu_retransmission_with_14_code_by_qpsk	nok_wbts_machs_tx_tab.uaqadih1im2ahsxr0035xkcuai	INTEGER	#	Number of retransmitted MAC-hs PDUs with 14 codes using QPSK modulation.	Sum, nkcttbh, nkrttbh, tot
mac_hs_pdu_retransmission_with_15_code_by_16qam	nok_wbts_machs_tx_tab.uaqadj41im2ahsxr0035xkcuai	INTEGER	#	Number of retransmitted MAC-hs PDUs with 15 codes using 16QAM modulation.	Sum, nkcttbh, nkrttbh, tot
mac_hs_pdu_retransmission_with_15_code_by_qpsk	nok_wbts_machs_tx_tab.uaqadij1im2ahsxr0035xkcuai	INTEGER	#	Number of retransmitted MAC-hs PDUs with 15 codes using QPSK modulation.	Sum, nkcttbh, nkrttbh, tot
mac_hs_pdu_retransmission_with_6_code_by_16qam	nok_wbts_machs_tx_tab.uaqadil1im2ahsxr0035xkcuai	INTEGER	#	Number of retransmitted MAC-hs PDUs with 6 codes using 16QAM modulation.	Sum, nkcttbh, nkrttbh, tot
mac_hs_pdu_retransmission_with_6_code_by_qpsk	nok_wbts_machs_tx_tab.uaqadhx1im2ahsxr0035xkcuai	INTEGER	#	Number of retransmitted MAC-hs PDUs with 6 codes using QPSK modulation.	Sum, nkcttbh, nkrttbh, tot
mac_hs_pdu_retransmission_with_7_code_by_16qam	nok_wbts_machs_tx_tab.uaqadin1im2ahsxr0035xkcuai	INTEGER	#	Number of retransmitted MAC-hs PDUs with 7 codes using 16QAM modulation.	Sum, nkcttbh, nkrttbh, tot
mac_hs_pdu_retransmission_with_7_c	nok_wbts_machs_tx_tab.uaqadi01im2ahsxr0035xkcuai	INTEGER	#	Number of retransmitted MAC-	Sum, nkcttbh,

ode_by_qpsk				hs PDUs with 7 codes using QPSK modulation.	nkrttbh, tot
mac_hs_pdu_retransmission_with_8_code_by_16qam	nok_wbts_machs_tx_tab.uaqadip1im2ahsxr0035xkcuai	INTEGER	#	Number of retransmitted MAC-hs PDUs with 8 codes using 16QAM modulation.	Sum, nkcttbh, nkrttbh, tot
mac_hs_pdu_retransmission_with_8_code_by_qpsk	nok_wbts_machs_tx_tab.uaqadi21im2ahsxr0035xkcuai	INTEGER	#	Number of retransmitted MAC-hs PDUs with 8 codes using QPSK modulation.	Sum, nkcttbh, nkrttbh, tot
mac_hs_pdu_retransmission_with_9_code_by_16qam	nok_wbts_machs_tx_tab.uaqadir1im2ahsxr0035xkcuai	INTEGER	#	Number of retransmitted MAC-hs PDUs with 9 codes using 16QAM modulation.	Sum, nkcttbh, nkrttbh, tot
mac_hs_pdu_retransmission_with_9_code_by_qpsk	nok_wbts_machs_tx_tab.uaqadi41im2ahsxr0035xkcuai	INTEGER	#	Number of retransmitted MAC-hs PDUs with 9 codes using QPSK modulation.	Sum, nkcttbh, nkrttbh, tot
orig_trans_1_code_16qam	nok_wbts_machs_tx_tab.sen2sntahl26seccb00hw01qk4	INT8	#	Number of original MAC-hs PDU transmissions with 1 code by 16QAM modulation.	Sum, nkcttbh, nkrttbh, tot
orig_trans_1_code_qpsk	nok_wbts_machs_tx_tab.seifxn6ahl26seccb00hw01qk4	INT8	#	Number of original MAC-hs PDU transmissions with 1 code by QPSK modulation.	Sum, nkcttbh, nkrttbh, tot
orig_trans_2_code_16qam	nok_wbts_machs_tx_tab.seo1a2tahl26seccb00hw01qk4	INT8	#	Number of original MAC-hs PDU transmissions with 2 code by 16QAM modulation.	Sum, nkcttbh, nkrttbh, tot
orig_trans_2_code_	nok_wbts_machs_tx_tab.se	INT8	#	Number of original	Sum,

qpsk	jdmm2ahl26seccb00hw01qk4			MAC-hs PDU transmissions with 2 code by QPSK modulation.	nkcttbh, nkrttbh, tot
orig_trans_3_code_16qam	nok_wbts_machs_tx_tab.sep6citahl26seccb00hw01qk4	INT8	#	Number of original MAC-hs PDU transmissions with 3 code by 16QAM modulation.	Sum, nkcttbh, nkrttbh, tot
orig_trans_3_code_qpsk	nok_wbts_machs_tx_tab.sekbi0tahl26seccb00hw01qk4	INT8	#	Number of original MAC-hs PDU transmissions with 3 code by QPSK modulation.	Sum, nkcttbh, nkrttbh, tot
orig_trans_4_code_16qam	nok_wbts_machs_tx_tab.seq3vjtahl26seccb00hw01qk4	INT8	#	Number of original MAC-hs PDU transmissions with 4 code by 16QAM modulation.	Sum, nkcttbh, nkrttbh, tot
orig_trans_4_code_qpsk	nok_wbts_machs_tx_tab.sela6vlahl26seccb00hw01qk4	INT8	#	Number of original MAC-hs PDU transmissions with 4 code by QPSK modulation.	Sum, nkcttbh, nkrttbh, tot
orig_trans_5_code_16qam	nok_wbts_machs_tx_tab.ser0drxahl26seccb00hw01qk4	INT8	#	Number of original MAC-hs PDU transmissions with 5 code by 16QAM modulation.	Sum, nkcttbh, nkrttbh, tot
orig_trans_5_code_qpsk	nok_wbts_machs_tx_tab.sem4rk6ahl26seccb00hw01qk4	INT8	#	Number of original MAC-hs PDU transmissions with 5 code by QPSK modulation.	Sum, nkcttbh, nkrttbh, tot
original_mac_hs_pdu_transmission_wi	nok_wbts_machs_tx_tab.uaqadhl1im2ahsxr0035xkcuai	INTEGER	#	Number of original MAC-hs PDU	Sum, nkcttbh,

This edition applies to IBM® Tivoli® Netcool® Performance Manager for Wireless and to all subsequent releases and modifications until otherwise indicated in new editions.

th_10_code_by_16qam				transmissions with 10 codes using 16QAM modulation.	nkrttbh, tot
original_mac_hs_pdu_transmission_with_10_code_by_qpsk	nok_wbts_machs_tx_tab.uaqadgx1im2ahsxr0035xkcuai	INTEGER	#	Number of original MAC-hs PDU transmissions with 10 codes using QPSK modulation.	Sum, nkcttbh, nkrttbh, tot
original_mac_hs_pdu_transmission_with_11_code_by_16qam	nok_wbts_machs_tx_tab.uaqadhn1im2ahsxr0035xkcuai	INTEGER	#	Number of original MAC-hs PDU transmissions with 11 codes using 16QAM modulation.	Sum, nkcttbh, nkrttbh, tot
original_mac_hs_pdu_transmission_with_11_code_by_qpsk	nok_wbts_machs_tx_tab.uaqadh01im2ahsxr0035xkcuai	INTEGER	#	Number of original MAC-hs PDU transmissions with 11 codes using QPSK modulation.	Sum, nkcttbh, nkrttbh, tot
original_mac_hs_pdu_transmission_with_12_code_by_16qam	nok_wbts_machs_tx_tab.uaqadhp1im2ahsxr0035xkcuai	INTEGER	#	Number of original MAC-hs PDU transmissions with 12 codes using 16QAM modulation.	Sum, nkcttbh, nkrttbh, tot
original_mac_hs_pdu_transmission_with_12_code_by_qpsk	nok_wbts_machs_tx_tab.uaqadh21im2ahsxr0035xkcuai	INTEGER	#	Number of original MAC-hs PDU transmissions with 12 codes using QPSK modulation.	Sum, nkcttbh, nkrttbh, tot
original_mac_hs_pdu_transmission_with_13_code_by_16qam	nok_wbts_machs_tx_tab.uaqadhr1im2ahsxr0035xkcuai	INTEGER	#	Number of original MAC-hs PDU transmissions with 13 codes using 16QAM modulation.	Sum, nkcttbh, nkrttbh, tot
original_mac_hs_pdu_transmission_with_13_code_by_qpsk	nok_wbts_machs_tx_tab.uaqadh41im2ahsxr0035xkcuai	INTEGER	#	Number of original MAC-hs PDU transmissions with 13 codes using	Sum, nkcttbh, nkrttbh, tot

				QPSK modulation.	
original_mac_hs_pdu_transmission_with_14_code_by_16qam	nok_wbts_machs_tx_tab.uaqadht1im2ahsxr0035xkcuai	INTEGER	#	Number of original MAC-hs PDU transmissions with 14 codes using 16QAM modulation.	Sum, nkcttbh, nkrttbh, tot
original_mac_hs_pdu_transmission_with_14_code_by_qpsk	nok_wbts_machs_tx_tab.uaqadh61im2ahsxr0035xkcuai	INTEGER	#	Number of original MAC-hs PDU transmissions with 14 codes using QPSK modulation.	Sum, nkcttbh, nkrttbh, tot
original_mac_hs_pdu_transmission_with_15_code_by_16qam	nok_wbts_machs_tx_tab.uaqadhv1im2ahsxr0035xkcuai	INTEGER	#	Number of original MAC-hs PDU transmissions with 15 codes using 16QAM modulation.	Sum, nkcttbh, nkrttbh, tot
original_mac_hs_pdu_transmission_with_15_code_by_qpsk	nok_wbts_machs_tx_tab.uaqadhb1im2ahsxr0035xkcuai	INTEGER	#	Number of original MAC-hs PDU transmissions with 15 codes using QPSK modulation.	Sum, nkcttbh, nkrttbh, tot
original_mac_hs_pdu_transmission_with_6_code_by_16qam	nok_wbts_machs_tx_tab.uaqadhd1im2ahsxr0035xkcuai	INTEGER	#	Number of original MAC-hs PDU transmissions with 6 codes using 16QAM modulation.	Sum, nkcttbh, nkrttbh, tot
original_mac_hs_pdu_transmission_with_6_code_by_qpsk	nok_wbts_machs_tx_tab.uaqadgp1im2ahsxr0035xkcuai	INTEGER	#	Number of original MAC-hs PDU transmissions with 6 codes using QPSK modulation.	Sum, nkcttbh, nkrttbh, tot
original_mac_hs_pdu_transmission_wi	nok_wbts_machs_tx_tab.uaqadhf1im2ahsxr0035xkcuai	INTEGER	#	Number of original MAC-hs PDU	Sum, nkcttbh,

th_7_code_by_16qam				transmissions with 7 codes using 16QAM modulation.	nkrttbh, tot
original_mac_hs_pdu_transmission_with_7_code_by_qpsk	nok_wbts_machs_tx_tab.uaqadgr1im2ahsxr0035xkcuai	INTEGER	#	Number of original MAC-hs PDU transmissions with 7 codes using QPSK modulation.	Sum, nkcttbh, nkrttbh, tot
original_mac_hs_pdu_transmission_with_8_code_by_16qam	nok_wbts_machs_tx_tab.uaqadhh1im2ahsxr0035xkcuai	INTEGER	#	Number of original MAC-hs PDU transmissions with 8 codes using 16QAM modulation.	Sum, nkcttbh, nkrttbh, tot
original_mac_hs_pdu_transmission_with_8_code_by_qpsk	nok_wbts_machs_tx_tab.uaqadgt1im2ahsxr0035xkcuai	INTEGER	#	Number of original MAC-hs PDU transmissions with 8 codes using QPSK modulation.	Sum, nkcttbh, nkrttbh, tot
original_mac_hs_pdu_transmission_with_9_code_by_16qam	nok_wbts_machs_tx_tab.uaqadhj1im2ahsxr0035xkcuai	INTEGER	#	Number of original MAC-hs PDU transmissions with 9 codes using 16QAM modulation.	Sum, nkcttbh, nkrttbh, tot
original_mac_hs_pdu_transmission_with_9_code_by_qpsk	nok_wbts_machs_tx_tab.uaqadgv1im2ahsxr0035xkcuai	INTEGER	#	Number of original MAC-hs PDU transmissions with 9 codes using QPSK modulation.	Sum, nkcttbh, nkrttbh, tot
retrans_1_code_16qam	nok_wbts_machs_tx_tab.sew416dahl26seccb00hw01qk4	INT8	#	Number of retransmitted MAC-hs PDUs with 1 code by 16QAM modulation.	Sum, nkcttbh, nkrttbh, tot
retrans_1_code_qpsk	nok_wbts_machs_tx_tab.serxvbxahl26seccb00hw01qk4	INT8	#	Number of retransmitted MAC-hs PDUs with 1 code by QPSK modulation.	Sum, nkcttbh, nkrttbh, tot

retrans_2_code_16qam	nok_wbts_machs_tx_tab.sewx13lahl26seccb00hw01qk4	INT8	#	Number of retransmitted MAC-hs PDUs with 2 code by 16QAM modulation.	Sum, nkcttbh, nkrttbh, tot
retrans_2_code_qpsk	nok_wbts_machs_tx_tab.sestosxahl26seccb00hw01qk4	INT8	#	Number of retransmitted MAC-hs PDUs with 2 code by QPSK modulation.	Sum, nkcttbh, nkrttbh, tot
retrans_3_code_16qam	nok_wbts_machs_tx_tab.sext52dahl26seccb00hw01qk4	INT8	#	Number of retransmitted MAC-hs PDUs with 3 code by 16QAM modulation.	Sum, nkcttbh, nkrttbh, tot
retrans_3_code_qpsk	nok_wbts_machs_tx_tab.setogohahl26seccb00hw01qk4	INT8	#	Number of retransmitted MAC-hs PDUs with 3 code by QPSK modulation.	Sum, nkcttbh, nkrttbh, tot
retrans_4_code_16qam	nok_wbts_machs_tx_tab.seyrgjdahl26seccb00hw01qk4	INT8	#	Number of retransmitted MAC-hs PDUs with 4 code by 16QAM modulation.	Sum, nkcttbh, nkrttbh, tot
retrans_4_code_qpsk	nok_wbts_machs_tx_tab.seuicadahl26seccb00hw01qk4	INT8	#	Number of retransmitted MAC-hs PDUs with 4 code by QPSK modulation.	Sum, nkcttbh, nkrttbh, tot
retrans_5_code_16qam	nok_wbts_machs_tx_tab.sf0nkspahl26seccb00hw01qk4	INT8	#	Number of retransmitted MAC-hs PDUs with 5 code by 16QAM modulation.	Sum, nkcttbh, nkrttbh, tot
retrans_5_code_qps	nok_wbts_machs_tx_tab.se	INT8	#	Number of	Sum,

This edition applies to IBM® Tivoli® Netcool® Performance Manager for Wireless and to all subsequent releases and modifications until otherwise indicated in new editions.

k	vbwuxahl26seccb00hw01qk4			retransmitted MAC-hs PDUs with 5 code by QPSK modulation.	nkcttbh, nkrttbh, tot

6.6.211Cell.Nokia.UMTS.wcel_olpc_measurement

OLPC measurements

The performance data measurements for this KPI group are recorded against the combination of Cell and Radio_Connection_Type (radio_connection_type_id)

KPI Name	Expression	Data Type	Units	Description	Aggregation
rl_power_no_of_outage_dl_w	nok_wcelolpcmeas_tab.xjvhdv2dmm2aicsd002uaxybdk	INTEGER	#	The number of dedicated radio link reports received where transmission power is at the maximum value defined by the parameters PtxDLAbsMax and CPICHtoRefRABoffset.	Sum, nkcttbh, nkrttbh, tot
rl_power_no_of_samples_dl_w	nok_wcelolpcmeas_tab.xjvhdv0dmm2aicsd002uaxybdk	INTEGER	#	The number of samples for the dedicated radio link power measurement counter M1024C15.	Sum, nkcttbh, nkrttbh, tot
rl_power_sq_sum_dl_w	nok_wcelolpcmeas_tab.xjvhduxdmm2aicsd002uaxybdk	INTEGER	watt^2	The sum of the squared radio link power values in DL.	Sum, nkcttbh, nkrttbh, tot
rl_power_sum_dl_w	nok_wcelolpcmeas_tab.xjvhduvdmm2aicsd002uaxybdk	INTEGER	dBm	The average downlink transmission power of the radio links matching the RAB parameters of the measurement object.	Average, avg, max, min, nkcttbh, nkrttbh, tot
ul_average_ber_denom_w	nok_wcelolpcmeas_tab.xjvhdujdmm2aicsd002uaxybd	INTEGER	#	The number of BER samples in the	Sum, nkcttbh,

	k			Average BER counter.	nkrttbh, tot
ul_average_ber_w	nok_wcelolpcmeas_tab.xjvhduhdmm2aicsd002uaxybdk	FLOAT	#	The average uplink BER, calculated as a weighted average from UL BER values reported by the OLPC controller that gets the BER estimate from the WBTS in the Frame Protocol data frame.	Average, avg, max, min, nkcttbh, nkrttbh, tot
ul_average_ebno_denom_w	nok_wcelolpcmeas_tab.xjvhdu0dmm2aicsd002uaxybdk	INTEGER	#	The number of Eb/No samples in the Average UL Eb/No counter.	Sum, nkcttbh, nkrttbh, tot
ul_average_ebno_w	nok_wcelolpcmeas_tab.xjvhdtxdmm2aicsd002uaxybdk	INTEGER	dB	The average uplink Eb/No, calculated as a weighted average from the Eb/No values reported by OLPC.	Average, avg, max, min, nkcttbh, nkrttbh, tot
ul_bad_connections_w	nok_wcelolpcmeas_tab.xjvhdupdmm2aicsd002uaxybdk	INTEGER	#	The number of bad uplink connections.	Sum, nkcttbh, nkrttbh, tot
ul_crc_noks_w	nok_wcelolpcmeas_tab.xjvhdubdmm2aicsd002uaxybdk	INTEGER	#	The number of transport blocks received with CRC NOK in the uplink.	Sum, nkcttbh, nkrttbh, tot
ul_crc_oks_w	nok_wcelolpcmeas_tab.xjvhdu6dmm2aicsd002uaxybdk	INTEGER	#	The number of received transport blocks with CRC OK in the uplink.	Sum, nkcttbh, nkrttbh, tot
ul_edch_harq_retrans_w	nok_wcelolpcmeas_tab.xjvhdv4dmm2aicsd002uaxybd	INTEGER	#	The number of HARQ	Sum, nkcttbh,

	k			retransmissions reported by the BTS in E-DCH FP frames.	nkrttbh, tot
ul_ideal_connections_w	nok_wcelolpcmeas_tab.xjvhdurdmm2aicsd002uaxybdk	INTEGER	#	The number of ideal uplink connections.	Sum, nkcttbh, nkrttbh, tot
ul_num_bler_reports_w	nok_wcelolpcmeas_tab.xjvhdufdmm2aicsd002uaxybdk	INTEGER	#	The number of UL BLER reports received from OLPC.	Sum, nkcttbh, nkrttbh, tot
ul_num_ebno_reports_w	nok_wcelolpcmeas_tab.xjvhdu4dmm2aicsd002uaxybdk	INTEGER	#	The UL Eb/No reports that L3 entity has received from the OLPC Controller.	Sum, nkcttbh, nkrttbh, tot
ul_num_of_ber_reports_w	nok_wcelolpcmeas_tab.xjvhdundmm2aicsd002uaxybdk	INTEGER	#	The number of UL BER reports received from OLPC. Updated only when BER is used as a quality estimate for UL OLPC.	Sum, nkcttbh, nkrttbh, tot
ul_sum_sq_ber_w	nok_wcelolpcmeas_tab.xjvhduldmm2aicsd002uaxybdk	FLOAT	#	The sum of squared UL BER values calculated by the OLPC controller.	Sum, nkcttbh, nkrttbh, tot
ul_sum_sq_bler_w	nok_wcelolpcmeas_tab.xjvhduddmm2aicsd002uaxybdk	FLOAT	#	The sum of squared BLER values, calculated from UL BLER values reported by OLPC.	Sum, nkcttbh, nkrttbh, tot
ul_sum_sq_ebno_w	nok_wcelolpcmeas_tab.xjvhdu2dmm2aicsd002uaxybdk	FLOAT	#	The sum of Squared linear Eb/No values, calculated from the UL Eb/No values reported by OLPC.	Sum, nkcttbh, nkrttbh, tot
ul_too_good_connections_w	nok_wcelolpcmeas_tab.xjvhdutdmm2aicsd002uaxybdk	INTEGER	#	The number of too good uplink connections.	Sum, nkcttbh, nkrttbh,

					tot

6.6.212Cell.Nokia.UMTS.wcel_rlc_measurement

RLC AM measurements

The performance data measurements for this KPI group are recorded against the combination of Cell and Radio_Connection_Type (radio_connection_type_id)

KPI Name	Expression	Data Type	Units	Description	Aggregation
rlc_am_dl_buffer_reports_w	nok_wcelrlcmeas_tab.xjvhdwpdmm2aicsd002uaxybdk	INTEGER	#	The number of RLC AM reports for the RLC AM DL transmission buffer and the PDCP buffer occupancy measurement.	Sum, nkcttbh, nkrttbh, tot
rlc_am_dl_meas_time_w	nok_wcelrlcmeas_tab.xjvhdybdmm2aicsd002uaxybdk	INTEGER	ms	The total time period when the measurement was active in the RLC AM DL entity.	Sum, nkcttbh, nkrttbh, tot
rlc_am_pdcp_dl_avg_buf_occ_w	nok_wcelrlcmeas_tab.xjvhdwjdmm2aicsd002uaxybdk	INTEGER	Byte	The average PDCP buffer occupancy in RLC AM DL. Does not include periods when the DL transmission buffers in the RLC entity are empty.	Average, avg, max, min, nkcttbh, nkrttbh, tot
rlc_am_pdcp_sum_sq_buf_occ_w	nok_wcelrlcmeas_tab.xjvhdwndmm2aicsd002uaxybdk	INTEGER	kByteSqr	The sum of squared PDCP buffer occupancy values in RLC AM DL. Does not include periods when the DL transmission buffers in the RLC entity	Sum, nkcttbh, nkrttbh, tot

				are empty.	
rlc_am_pdu_dl_avg_buf_occ_w	nok_wcelrlcmeas_tab.xjvhdwhdmm2aicsd002uaxybdk	INTEGER	Byte	The average RLC AM DL PDU transmission buffer occupancy. Includes both first-time transmission and retransmission buffers.	Average, avg, max, min, nkcttbh, nkrttbh, tot
rlc_am_pdu_dl_avg_trans_w	nok_wcelrlcmeas_tab.xjvhdxldmm2aicsd002uaxybdk	FLOAT	#	The average number of required transmissions per PDU in RLC AM DL. For a perfect connection the value of this counter is one.	Average, avg, max, min, nkcttbh, nkrttbh, tot
rlc_am_pdu_dl_bad_conn_w	nok_wcelrlcmeas_tab.xjvhdx0dmm2aicsd002uaxybdk	INTEGER	#	The number of bad connections for RLC AM in downlink direction.	Sum, nkcttbh, nkrttbh, tot
rlc_am_pdu_dl_discard_rat_w	nok_wcelrlcmeas_tab.xjvhdxndmm2aicsd002uaxybdk	FLOAT	#	The RLC PDU discard ratio for downlink connections using RLC AM.	Average, avg, max, min, nkcttbh, nkrttbh, tot
rlc_am_pdu_dl_err_ratio_w	nok_wcelrlcmeas_tab.xjvhdwrdmm2aicsd002uaxybdk	FLOAT	#	The ratio between unsuccessfully transmitted RLC AM DL PDUs and all transmitted RLC AM DL PDUs (including retransmissions).	Average, avg, max, min, nkcttbh, nkrttbh, tot
rlc_am_pdu_dl_err_reports_w	nok_wcelrlcmeas_tab.xjvhdwxdmm2aicsd002uaxybdk	INTEGER	#	The number of RLC AM reports for the RLC AM DL PDU error ratio measurement.	Sum, nkcttbh, nkrttbh, tot
rlc_am_pdu_dl_fo	nok_wcelrlcmeas_tab.xjvh	INTEG	#	The number of	Sum,

r_trans_w	dxrdmm2aicsd002uaxybdk	ER		downlink RLC AM PDUs added to the RLC transmission buffer. This includes also PDUs retransmitted due to RLC polling procedure.	nkcttbh, nkrttbh, tot
rlc_am_pdu_dl_gr_tp_sq_sum_w	nok_wcelrlcmeas_tab.xjvhdxbdmm2aicsd002uaxybdk	FLOAT	kbpsSqr	The sum of squared RLC AM DL PDU gross throughput values.	Sum, nkcttbh, nkrttbh, tot
rlc_am_pdu_dl_gr_tp_w	nok_wcelrlcmeas_tab.xjvhdx6dmm2aicsd002uaxybdk	FLOAT	kbps	The average downlink PDU gross throughput of the RLC AM connection. Includes also retransmissions. Does not include periods when the DL transmission buffers in the RLC entity are empty.	Average, avg, max, min, nkcttbh, nkrttbh, tot
rlc_am_pdu_dl_ideal_conn_w	nok_wcelrlcmeas_tab.xjvhdx4dmm2aicsd002uaxybdk	INTEGER	#	The number of ideal connections for RLC AM in downlink direction.	Sum, nkcttbh, nkrttbh, tot
rlc_am_pdu_dl_net_tp_sq_s_w	nok_wcelrlcmeas_tab.xjvhdxhdmm2aicsd002uaxybdk	FLOAT	kbpsSqr	The sum of squared RLC AM DL PDU net throughput values.	Sum, nkcttbh, nkrttbh, tot
rlc_am_pdu_dl_net_tp_w	nok_wcelrlcmeas_tab.xjvhdxfdmm2aicsd002uaxybdk	FLOAT	kbps	The average downlink net PDU throughput of RLC AM connections. Does not include retransmissions.	Average, avg, max, min, nkcttbh, nkrttbh, tot

This edition applies to IBM® Tivoli® Netcool® Performance Manager for Wireless and to all subsequent releases and modifications until otherwise indicated in new editions.

				Does not include periods when the DL transmission buffers in the RLC entity are empty.	
rlc_am_pdu_dl_sq_sum_err_w	nok_wcelrlcmeas_tab.xjvhdwvdmm2aicsd002uaxybdk	FLOAT	#	The sum of squared RLC AM DL PDU error ratio values.	Sum, nkcttbh, nkrttbh, tot
rlc_am_pdu_dl_sq_sum_tr_ti_w	nok_wcelrlcmeas_tab.xjvhdxjdmm2aicsd002uaxybdk	INTEGER	SecSqr	The sum of squared transmission time values for the RLC AM downlink.	Sum, nkcttbh, nkrttbh, tot
rlc_am_pdu_dl_sq_sum_trans_w	nok_wcelrlcmeas_tab.xjvhdxpdmm2aicsd002uaxybdk	FLOAT	#	The sum of squared average number of transmissions per PDU values in RLC AM DL.	Sum, nkcttbh, nkrttbh, tot
rlc_am_pdu_dl_sum_sq_buf_o_w	nok_wcelrlcmeas_tab.xjvhdwldmm2aicsd002uaxybdk	INTEGER	kByteSqr	The sum of squared RLC AM DL PDU transmission buffer occupancy values. Does not include periods when the DL transmission buffers in the RLC entity are empty.	Sum, nkcttbh, nkrttbh, tot
rlc_am_pdu_dl_too_good_con_w	nok_wcelrlcmeas_tab.xjvhdx2dmm2aicsd002uaxybdk	INTEGER	#	The number of too good connections for RLC AM in downlink direction.	Sum, nkcttbh, nkrttbh, tot
rlc_am_pdu_dl_total_trans_w	nok_wcelrlcmeas_tab.xjvhdwtdmm2aicsd002uaxybdk	INTEGER	#	The number of transmitted RLC AM DL PDUs. Includes also retransmitted DL PDUs and control PDUs.	Sum, nkcttbh, nkrttbh, tot
rlc_am_pdu_dl_tp_reports_w	nok_wcelrlcmeas_tab.xjvhdxddmm2aicsd002uaxybdk	INTEGER	#	The number of RLC AM reports for RLC AM DL gross	Sum, nkcttbh, nkrttbh,

				and net throughput values.	tot
rlc_am_pdu_ul_for_trans_w	nok_wcelrlcmeas_tab.xjvhdyhdmm2aicsd002uaxybdk	INTEGER	#	The number of received RLC AM PDUs in uplink.	Sum, nkcttbh, nkrttbh, tot
rlc_am_sdu_dl_avg_tr_delay_w	nok_wcelrlcmeas_tab.xjvhdxxdmm2aicsd002uaxybdk	INTEGER	ms	The average transfer delay of transferred RLC AM SDUs in downlink.	Average, avg, max, min, nkcttbh, nkrttbh, tot
rlc_am_sdu_dl_error_ratio_w	nok_wcelrlcmeas_tab.xjvhdxtdmm2aicsd002uaxybdk	FLOAT	#	The average SDU error ratio in RLC AM downlink. Defined as the ratio between discarded SDUs and the total number of SDUs received for transmission from the PDCP layer.	Average, avg, max, min, nkcttbh, nkrttbh, tot
rlc_am_sdu_dl_ps_vol_w	nok_wcelrlcmeas_tab.xjvhdyfdmm2aicsd002uaxybdk	INTEGER	Byte	The number of SDU bytes transmitted in downlink using RLC AM. The RLC SDU payload measuring is made for compressed bytes (after PDCP in DL) and includes RLC SDU headers.	Sum, nkcttbh, nkrttbh, tot
rlc_am_sdu_dl_sdus_for_tra_w	nok_wcelrlcmeas_tab.xjvhdy6dmm2aicsd002uaxybdk	INTEGER	#	The number of RLC AM SDUs ready for transmission in downlink. Includes also discarded	Sum, nkcttbh, nkrttbh, tot

				SDUs.	
rlc_am_sdu_dl_sq_sum_err_r_w	nok_wcelrlcmeas_tab.xjvhdxvdmm2aicsd002uaxybdk	FLOAT	#	The sum of squared SDU error ratio values in RLC AM DL. Measured from the RLC entity.	Sum, nkcttbh, nkrttbh, tot
rlc_am_sdu_dl_sum_sq_tr_d_w	nok_wcelrlcmeas_tab.xjvhdy4dmm2aicsd002uaxybdk	INTEGER	msSqr	The sum of squared SDU transmission delay values in RLC AM DL.	Sum, nkcttbh, nkrttbh, tot
rlc_am_sdu_dl_sum_tr_delay_w	nok_wcelrlcmeas_tab.xjvhdy0dmm2aicsd002uaxybdk	INTEGER	ms	The sum of average SDU transfer delay values in RLC AM DL.	Sum, nkcttbh, nkrttbh, tot
rlc_am_sdu_sum_tr_del_stad_w	nok_wcelrlcmeas_tab.xjvhdy2dmm2aicsd002uaxybdk	INTEGER	ms	The sum of standard deviations of the SDU transfer delay values in RLC AM DL.	Sum, nkcttbh, nkrttbh, tot
rlc_am_sdu_ul_ps_vol_w	nok_wcelrlcmeas_tab.xjvhdyddmm2aicsd002uaxybdk	INTEGER	Byte	The number of SDU bytes transmitted in uplink using RLC AM. The RLC SDU payload measuring is made for compressed bytes (before PDCP in UL) and includes RLC SDU headers.	Sum, nkcttbh, nkrttbh, tot
rlc_am_ul_meas_time_w	nok_wcelrlcmeas_tab.xjvhdyjdmm2aicsd002uaxybdk	INTEGER	ms	The total time period when the measurement was active in the RLC AM UL entity.	Sum, nkcttbh, nkrttbh, tot

6.7 Computer_Unit Performance Indicators

- Computer_Unit.Nokia.UMTS.aal5_measurement_chorus
- Computer_Unit.Nokia.UMTS.aal5_measurement_dmx
- Computer_Unit.Nokia.UMTS.atm_performance
- Computer_Unit.Nokia.UMTS.availability

- Computer_Unit.Nokia.UMTS.dsp_load
- Computer_Unit.Nokia.UMTS.dsp_state_change
- Computer_Unit.Nokia.UMTS.tcpip_measurement.associations
- Computer_Unit.Nokia.UMTS.tcpip_measurement.icmpv4
- Computer_Unit.Nokia.UMTS.tcpip_measurement.icmpv6
- Computer_Unit.Nokia.UMTS.tcpip_measurement.ipv4
- Computer_Unit.Nokia.UMTS.tcpip_measurement.ipv6
- Computer_Unit.Nokia.UMTS.tcpip_measurement.sctp
- Computer_Unit.Nokia.UMTS.tcpip_measurement.tcp
- Computer_Unit.Nokia.UMTS.tcpip_measurement.udpv4
- Computer_Unit.Nokia.UMTS.tcpip_measurement.udpv6
- Computer_Unit.Nokia.UMTS.unit_load

6.7.1 Computer_Unit.Nokia.UMTS.aal5_measurement_chorus

AAL5 PDU in CHORUS system statistics

KPI Name	Expression	Data Type	Units	Description	Aggregation
abrte_count	nok_nkcu_aal5chr_tab.sfiajc2ahl26seccb00hw01qk4	INT8	#	Abort message indication error counter. Length field zero error.	Sum, nkcuavlbh, tot
bsy_count	nok_nkcu_aal5chr_tab.sfhbd3tahl26seccb00hw01qk4	INT8	#	Rx buffers exhausted (busy condition) counter.	Sum, nkcuavlbh, tot
crc32e_count	nok_nkcu_aal5chr_tab.sfk3o42ahl26seccb00hw01qk4	INT8	#	Number of RX CRC error. CRC32 error in AAL5 PDU.	Sum, nkcuavlbh, tot
lne_count	nok_nkcu_aal5chr_tab.sfj5phlahl26seccb00hw01qk4	INT8	#	RX length error counter. AAL5 CPCS PDU length violation.	Sum, nkcuavlbh, tot
mic_count	nok_nkcu_aal5chr_tab.sfbo1ylahl26seccb00hw01qk4	INT8	#	The number of misinserted cells dropped as a result	Sum, nkcuavlbh, tot

				of address lookup failure.	
rx_error	nok_nkcu_aal5chr_tab.sfgehy6ahl26seccb00hw01qk4	INT8	#	The overall number of rx errors.	Sum, nkcuavlbh, tot
rx_pdu	nok_nkcu_aal5chr_tab.sfejpphahl26seccb00hw01qk4	INT8	#	The number of received AAL5 CPCS PDUs.	Sum, nkcuavlbh, tot
rx_size	nok_nkcu_aal5chr_tab.sffexixahl26seccb00hw01qk4	INT8	#	The number of received bytes.	Sum, nkcuavlbh, tot
tx_pdu	nok_nkcu_aal5chr_tab.sfcn4ylahl26seccb00hw01qk4	INT8	#	The number of transmitted AAL5 CPCS PDUs.	Sum, nkcuavlbh, tot
tx_size	nok_nkcu_aal5chr_tab.sfdlttdahl26seccb00hw01qk4	INT8	#	The number of transmitted bytes.	Sum, nkcuavlbh, tot
utopiae	nok_nkcu_aal5chr_tab.sfapwk2ahl26seccb00hw01qk4	INT8	#	The number of cells dropped as a result of UTOPIA parity error.	Sum, nkcuavlbh, tot

6.7.2 Computer_Unit.Nokia.UMTS.aal5_measurement_dmx

AAL5 PDU in DMX system statistics

KPI Name	Expression	Data Type	Units	Description	Aggregation
aal5_pdu_discard_cnt	nok_nkcu_aal5dmx_tab.sfnsce2ahl26seccb00hw01qk4	INT8	#	Counter for AAL5 CPCS PDUs discarded.	Sum, nkcuavlbh, tot
cell_discard_cnt	nok_nkcu_aal5dmx_tab.sfmviydahl26seccb00hw01qk4	INT8	#	Cell discarded counter.	Sum, nkcuavlbh, tot
cell_rx_cnt	nok_nkcu_aal5dmx_tab.sfly0m6ahl26seccb00hw01qk4	INT8	#	Cell received counter.	Sum, nkcuavlbh, tot
cell_tx_cnt	nok_nkcu_aal5dmx_tab.sfl1w5lahl26seccb00hw01qk4	INT8	#	Cell transmitted counter.	Sum, nkcuavlbh

					, tot
incorrect_fields	nok_nkcu_aal5dmx_tab.sfpnaidahl26seccb00hw01qk4	INT8	#	Incorrect Fields (CRC 32 Violation).	Sum, nkcuavlbh, tot
invalid_fields	nok_nkcu_aal5dmx_tab.sfoqnatahl26seccb00hw01qk4	INT8	#	Invalid Fields (Invalid CPI plus Oversized Received SDU plus Length Violation).	Sum, nkcuavlbh, tot
rsm_timer_exp	nok_nkcu_aal5dmx_tab.sfqmtqxahl26seccb00hw01qk4	INT8	#	Reassembly Timer Expirations.	Sum, nkcuavlbh, tot

6.7.3 Computer_Unit.Nokia.UMTS.atm_performance

ATM Cells ingress/egress statistics

KPI Name	Expression	Data Type	Units	Description	Aggregation
e_clp0_drop	nok_nkcu_atmpf_tab.sg4fs3pahl26seccb00hw01qk4	INT8	#	Total Cell Loss Priority 0 (CLP0) cells, over threshold on egress.This tells how many low priority cells buffer management has discarded.There is a discard threshold CLP is 0 cells. When the number of CLP is 0 cell in the buffer reaches the CLP is 0 threshold, outgoing cells are discarded.	Sum, nkcuavlbh, tot
e_clp1_drop	nok_nkcu_atmpf_tab.sg5ecopahl26seccb00hw01qk4	INT8	#	Total Cell Loss Priority 1 (CLP1)	Sum, nkcuavlbh

				cells, over threshold on egress.This tells how many low priority cells buffer management has discarded.There is a discard threshold CLP is 1 cells. When the number of CLP is 1 cell in the buffer reaches the CLP is 1 threshold, outgoing cells are discarded.	, tot
e_epd_drop	nok_nkcu_atmpf_tab.sg663exahl26seccb00hw01qk4	INT8	#	Total cells discarded to EPD on egress.When congestion occurs and buffers are filling, Early Packet Discard (EPD) discards new packets arriving at a queue. All cells associated with a new packet are discarded. The remaining buffer space can't then be used for ATM cells belonging to packets that already have entered the queue.	Sum, nkcuavlbh, tot
e_err_bram	nok_nkcu_atmpf_tab.sgcmw5tahl26seccb00hw01qk4	INT8	#	Egress cells discarded due to checksum errors.	Sum, nkcuavlbh, tot
e_err_fi	nok_nkcu_atmpf_tab.sgefuhxahl26seccb00hw01qk4	INT8	#	Total egress cells discarded due to parity errors at fabric interface.	Sum, nkcuavlbh, tot
e_err_lookup	nok_nkcu_atmpf_tab.sgfeytpahl26seccb00hw01qk4	INT8	#	Egress cells discarded on connection	Sum, nkcuavlbh, tot

				lookup.When the cell is received, the information about the connection is read from the header. The cells are discarded due to wrong destination or erroneous	
e_frames_epd_drop	nok_nkcu_atmpf_tab.sgawo42ahl26seccb00hw01qk4	INT8	#	Total frames discarded to EPD on egress.Total amount of AAL5 packets that Early Packet Discard (EPD) discards.Frame means here an AAL5 packet.	Sum, nkcuavlbh, tot
e_ppd_drop	nok_nkcu_atmpf_tab.sga1fxdahl26seccb00hw01qk4	INT8	#	Total cells discarded to PPD on egress.Partial Packet Discard (PPD) discards all the cells associated with the packet discarded during buffer overflow.	Sum, nkcuavlbh, tot
e_rcv_from_fi	nok_nkcu_atmpf_tab.sgdhxstahl26seccb00hw01qk4	INT8	#	Total egress cells received at fabric interface.Cells received at one of the interfaces of the switching fabric ports.	Sum, nkcuavlbh, tot
e_transmit_to_phy	nok_nkcu_atmpf_tab.sgbs50dahl26seccb00hw01qk4	INT8	#	Total number of egress cells transmitted to the PHY devices.The	Sum, nkcuavlbh, tot

This edition applies to IBM® Tivoli® Netcool® Performance Manager for Wireless and to all subsequent releases and modifications until otherwise indicated in new editions.

				count of cells transmitted to the physical layer.	
i_clp0_drop	nok_nkcu_atmpf_tab.sfrkx5dahl26seccb00hw01qk4	INT8	#	Total Cell Loss Priority 0 (CLP0) cells, over threshold on ingress.This tells how many low priority cells buffer management has discarded.There is a discard threshold CLP is 0 cells. When the number of CLP is 0 cells in the buffer reaches the CLP is 0 threshold, incoming cells are discarded.	Sum, nkcuavlbh, tot
i_clp1_drop	nok_nkcu_atmpf_tab.sfsipchahl26seccb00hw01qk4	INT8	#	Total Cell Loss Priority 1 (CLP1) cells, over threshold on ingress.This tells how many low priority cells buffer management has discarded.There is a discard threshold CLP is 1 cells. When the number of CLP is 1 cell in n the buffer reaches the CLP is 1 threshold, incoming cells are discarded.	Sum, nkcuavlbh, tot
i_epd_drop	nok_nkcu_atmpf_tab.sftm552ahl26seccb00hw01qk4	INT8	#	Total cells discarded to EPD on ingress.When congestion occurs and buffers are filling, Early Packet Discard (EPD) discards new packets arriving at a	Sum, nkcuavlbh, tot

				queue.All cells associated with a new packet are discarded. The remaining buffer space can't then be used for ATM cells belonging to packets that already have entered the queue.	
i_err_bram	nok_nkcu_atmpf_tab.sg0byxxahl26seccb00hw01qk4	INT8	#	Ingress cells discarded due to checksum errors.	Sum, nkcuavlbh, tot
i_err_crc	nok_nkcu_atmpf_tab.sg25j6dahl26seccb00hw01qk4	INT8	#	Ingress cells discarded due to Cyclic Redundancy Check (CRC) errors.The count of cells detecting errors in the transmission of data using a polynomial code and cyclic check character.	Sum, nkcuavlbh, tot
i_err_header	nok_nkcu_atmpf_tab.sg34n4dahl26seccb00hw01qk4	INT8	#	Total ATM header errors.This bit indicates that an invalid VPI/VCI was detected in an ingress cell.Invalid VPI/VCI includes: VPI values greater than the configured maximum, VCI values greater than the configured maximum, and VCI values less than32 for which the valid	Sum, nkcuavlbh, tot

				bit is not set in the Look up Compression Table. M528C23 Since RN1.5	
i_frames_epd_drop	nok_nkcu_atmpf_tab.sfvk5bxahl26seccb00hw01qk4	INT8	#	Total frames discarded to EPD on ingress.Total amount of AAL5 packets that Early Packet Discard (EPD) discards.Frame indicates an AAL5 packet.	Sum, nkcuavlbh, tot
i_policing_drop	nok_nkcu_atmpf_tab.sfyf5q2ahl26seccb00hw01qk4	INT8	#	Ingress cells discarded due to policing action.Policing discards the cells which can affect the QoS of established connections (cells which violate traffic contract). Policing at UNI is referred to as UPC (usage parameter control). Policing at NNI is referred to as NPC (network parameter control).	Sum, nkcuavlbh, tot
i_ppd_drop	nok_nkcu_atmpf_tab.sfuloktahl26seccb00hw01qk4	INT8	#	Total cells discarded to EPD on ingress.When congestion occurs and buffers are filling, Early Packet Discard (EPD) discards new packets arriving at a queue.All cells associated with a new packet are	Sum, nkcuavlbh, tot

				discarded. The remaining buffer space can't then be used for ATM cells belonging to packets that already have entered the queue.	
i_tagged	nok_nkcu_atmpf_tab.sfxhr5pahl26seccb00hw01qk4	INT8	#	Ingress cells tagged due to policing action.This counter tells how many higher priority cells have been tagged to lower priority by UPC/NPC.	Sum, nkcuavlbh, tot
i_transmit_to_fabric	nok_nkcu_atmpf_tab.sfwkqo6ahl26seccb00hw01qk4	INT8	#	Total number of ingress cells transmitted to the switch fabric.	Sum, nkcuavlbh, tot
i_utopia_err	nok_nkcu_atmpf_tab.sg1auy6ahl26seccb00hw01qk4	INT8	#	Ingress cells discarded due to parity errors at UTOPIA interface.Count of cells when error was detected as a result of a parity check at Universal Test and Operations Interface for ATM.	Sum, nkcuavlbh, tot

6.7.4 Computer_Unit.Nokia.UMTS.availability

Computer unit resource statistics

KPI Name	Expression	Data Type	Units	Description	Aggregation
admin_restarts	nok_nkcu_avail_tab.sghekp	INT8	#	The amount of	Sum,

	hahl26seccb00hw01qk4			computer unit restarts that are made by user with MML commands.	nkcuavlbh, tot
disconnect_time	nok_nkcu_avail_tab.sgk6qntahl26seccb00hw01qk4	INT8	#	This parameter shows as seconds the disconnect time when the computer unit is not in WO EX or SP EX state.	Sum, nkcuavlbh, tot
duplex_disconn_time	nok_nkcu_avail_tab.sgjbl4lahl26seccb00hw01qk4	INT8	#	This parameter shows the disconnect time of duplicated computer units as seconds, when neither of the units is in WO EX or SP EX state. The parameter is updated when the working unit returns to WO EX state.	Sum, nkcuavlbh, tot
duplex_restarts	nok_nkcu_avail_tab.sgidl6hahl26seccb00hw01qk4	INT8	#	ARTS The amount of duplicated computer unit restarts when both units have been restarted at the same time.	Sum, nkcuavlbh, tot
family_restarts	nok_nkcu_avail_tab.sgl65xpahl26seccb00hw01qk4	INT8	#	Total amount of process family restarts in the computer unit The parameter is not updated when the total unit restart happens	Sum, nkcuavlbh, tot
unit_restarts	nok_nkcu_avail_tab.sggecvdahl26seccb00hw01qk4	INT8	#	The amount of computer unit restarts.	Sum, nkcuavlbh, tot

6.7.5 Computer_Unit.Nokia.UMTS.dsp_load

DSP load statistics

KPI Name	Expression	Data Type	Units	Description	Aggregation
cpu_load_avg	nok_nkrnc_dspload_tab.xw0rprtdmm2aicsd002uaxybdk	FLOAT	%	The average value of CPU load.	Average, avg, max, min, nkcuavlbh, tot
cpu_load_max_mem_use_exter	nok_nkrnc_dspload_tab.xw0rpsvdmm2aicsd002uaxybdk	FLOAT	%	The CPU load value at the time of maximum external memory usage.	Constant, avg, max, min, nkcuavlbh, tot
cpu_load_max_mem_use_inter	nok_nkrnc_dspload_tab.xw0rpsndmm2aicsd002uaxybdk	FLOAT	%	The CPU load value at the time of maximum internal memory usage.	Constant, avg, max, min, nkcuavlbh, tot
cpu_load_max_proc_num	nok_nkrnc_dspload_tab.xw0rps2dmm2aicsd002uaxybdk	FLOAT	%	The CPU load value when a maximum number of applications is running in the DSP.	Constant, avg, max, min, nkcuavlbh, tot
cpu_load_max	nok_nkrnc_dspload_tab.xw0rpsbdmm2aicsd002uaxybdk	FLOAT	%	The maximum CPU load value.	Constant, avg, max, min, nkcuavlbh, tot
mem_use_exter_avg	nok_nkrnc_dspload_tab.xw0rprxdmm2aicsd002uaxybdk	FLOAT	%	The average value of external memory usage.	Average, avg, max, min, nkcuavlbh, tot
mem_use_exter_max_cpu_load	nok_nkrnc_dspload_tab.xw0rpshdmm2aicsd002uaxyb	FLOAT	%	The external memory usage	Constant, avg, max,

	dk			value at the time of maximum CPU load.	min, nkcuavlbh, tot
mem_use_exter_max_mem_use_int	nok_nkrnc_dspload_tab.xw0rpspdmm2aicsd002uaxybdk	FLOAT	%	The external memory usage value at the time of maximum internal memory usage.	Constant, avg, max, min, nkcuavlbh, tot
mem_use_exter_max_proc_num	nok_nkrnc_dspload_tab.xw0rps6dmm2aicsd002uaxybdk	INTEGER	#	The external memory usage value when a maximum number of applications is running in the DSP.	Constant, avg, max, min, nkcuavlbh, tot
mem_use_exter_max	nok_nkrnc_dspload_tab.xw0rpsrdmm2aicsd002uaxybdk	FLOAT	%	The maximum value of external memory usage.	Constant, avg, max, min, nkcuavlbh, tot
mem_use_inter_avg	nok_nkrnc_dspload_tab.xw0rprvdmm2aicsd002uaxybdk	FLOAT	%	The average value of internal memory usage.	Average, avg, max, min, nkcuavlbh, tot
mem_use_inter_max_cpu_load	nok_nkrnc_dspload_tab.xw0rpsfdmm2aicsd002uaxybdk	FLOAT	%	The internal memory usage value at the time of maximum CPU load.	Constant, avg, max, min, nkcuavlbh, tot
mem_use_inter_max_mem_use_ext	nok_nkrnc_dspload_tab.xw0rpsxdmm2aicsd002uaxybdk	FLOAT	%	The internal memory usage value at the time of maximum external memory usage.	Constant, avg, max, min, nkcuavlbh, tot
mem_use_inter_max_proc_num	nok_nkrnc_dspload_tab.xw0rps4dmm2aicsd002uaxybdk	INTEGER	#	The internal memory usage value when a maximum number of applications is running in the DSP.	Constant, avg, max, min, nkcuavlbh, tot
mem_use_inter_m	nok_nkrnc_dspload_tab.xw	FLOAT	%	The maximum	Constant,

ax	0rpsjdmm2aicsd002uaxybdk			value of internal memory usage.	avg, max, min, nkcuavlbh, tot
proc_num_avg	nok_nkrnc_dspload_tab.xw0rprrdmm2aicsd002uaxybdk	INTEGER	#	The average number of application processes.	Average, avg, max, min, nkcuavlbh, tot
proc_num_max_cpu_load	nok_nkrnc_dspload_tab.xw0rpsddmm2aicsd002uaxybdk	INTEGER	#	The number of application processes at the time of maximum CPU load.	Constant, avg, max, min, nkcuavlbh, tot
proc_num_max_mem_use_exter	nok_nkrnc_dspload_tab.xw0rpstdmm2aicsd002uaxybdk	INTEGER	#	The number of application processes at the time of maximum external memory usage.	Constant, avg, max, min, nkcuavlbh, tot
proc_num_max_mem_use_inter	nok_nkrnc_dspload_tab.xw0rpsldmm2aicsd002uaxybdk	INTEGER	#	The number of application processes at the time of maximum internal memory usage.	Constant, avg, max, min, nkcuavlbh, tot
proc_num_max	nok_nkrnc_dspload_tab.xw0rps0dmm2aicsd002uaxybdk	INTEGER	#	The maximum number of application processes.	Constant, avg, max, min, nkcuavlbh, tot

6.7.6 Computer_Unit.Nokia.UMTS.dsp_state_change

DSP state change statistics

KPI Name	Expression	Data	Units	Description	Aggregati

		Type			on
restart_sys	nok_nkrnc_dspstch_tab.xw0rpr2dmm2aicsd002uaxybdk	INTEGER	#	The number of times a DSP is restarted by the system.	Sum, nkcuavlbh, tot
restart_user	nok_nkrnc_dspstch_tab.xw0rpr4dmm2aicsd002uaxybdk	INTEGER	#	The number of times a DSP is restarted by a command operator.	Sum, nkcuavlbh, tot

6.7.7 Computer_Unit.Nokia.UMTS.tcpip_measurement.associations

SCTP association statistics

KPI Name	Expression	Data Type	Units	Description	Aggregation
sctp_aborted	nok_nkcu_tcpassoc_tab.xpvf0d6dmm2aicsd002uaxybdk	INTEGER	#	The number of times that associations have made a direct transition to the CLOSED state from any state using the primitive 'ABORT': AnyState --Abort--> CLOSED.	Sum, nkcuavlbh, tot
sctp_active_establishment	nok_nkcu_tcpassoc_tab.xpvf0d0dmm2aicsd002uaxybdk	INTEGER	#	The number of times that associations have made a direct transition to the ESTABLISHED state from the COOKIE-ECHOED state: COOKIE-ECHOED -> ESTABLISHED. The upper layer initiated the association attempt.	Sum, nkcuavlbh, tot
sctp_current_establishment	nok_nkcu_tcpassoc_tab.xpvf0cxdmm2aicsd002uaxyb	INTEGER	#	The number of associations for	Sum, nkcuavlbh

	dk			which the current state is either ESTABLISHED, SHUTDOWN-RECEIVED or SHUTDOWN-PENDING.	, tot
sctp_passive_establishment	nok_nkcu_tcpassoc_tab.xpvf0d2dmm2aicsd002uaxybdk	INTEGER	#	The number of times that associations have made a direct transition to the ESTABLISHED state from the CLOSED state: CLOSED -> ESTABLISHED. The remote endpoint initiated the association attempt.	Sum, nkcuavlbh, tot
sctp_received_bytes	nok_nkcu_tcpassoc_tab.xpvf0dfdmm2aicsd002uaxybdk	INTEGER	Byte	The number of bytes received in sequence.	Sum, nkcuavlbh, tot
sctp_restarted	nok_nkcu_tcpassoc_tab.xpvf0d4dmm2aicsd002uaxybdk	INTEGER	#	The number of restarted SCTP associations due to peer dropped.	Sum, nkcuavlbh, tot
sctp_shutdowns	nok_nkcu_tcpassoc_tab.xpvf0dbdmm2aicsd002uaxybdk	INTEGER	#	The number of times that associations have made a direct transition to the CLOSED state from either the SHUTDOWN-SENT state or the SHUTDOWN-	Sum, nkcuavlbh, tot

				ACK-SENT state. Graceful termination of the association.	
sctp_too_many_retransmissions	nok_nkcu_tcpassoc_tab.xpvf0dddmm2aicsd002uaxybdk	INTEGER	#	The number of associations closed due to excessive retransmissions.	Sum, nkcuavlbh, tot

6.7.8 Computer_Unit.Nokia.UMTS.tcpip_measurement.icmpv4

TCPIP - ICMPv4 measurement statistics

KPI Name	Expression	Data Type	Units	Description	Aggregation
icps_badcode	nok_nkcu_tcpicmp4_tab.sh33q2lahl26seccb00hw01qk4	INT8	#	ICMPv4 messages with bad code fields. Number of ICMP messages that have bad code fields.	Sum, nkcuavlbh, tot
icps_badlen	nok_nkcu_tcpicmp4_tab.sh61f3lahl26seccb00hw01qk4	INT8	#	ICMP messages with bad length. The number of ICMP messages with an invalid ICMP body.	Sum, nkcuavlbh, tot
icps_checksum	nok_nkcu_tcpicmp4_tab.sh52606ahl26seccb00hw01qk4	INT8	#	ICMP message bad checksum. The number of ICMP messages with an invalid ICMP checksum.	Sum, nkcuavlbh, tot
icps_error	nok_nkcu_tcpicmp4_tab.sgm2wwhahl26seccb00hw01qk4	INT8	#	The number of ICMPv4 error messages sent out, excluding the ICMPv4 Redirect message.	Sum, nkcuavlbh, tot
icps_inecho	nok_nkcu_tcpicmp4_tab.sgroumxahl26seccb00hw01qk4	INT8	#	Received ICMPv4 Echo messages The number of ICMP	Sum, nkcuavlbh, tot

				Echo (request) messages received.	
icps_inechoreply	nok_nkcu_tcpicmp4_tab.sgnyhpdahl26seccb00hw01qk4	INT8	#	Received ICMPv4 Echo Reply messages. The number of ICMP Echo Reply messages received.	Sum, nkcuavlbh, tot
icps_inireq	nok_nkcu_tcpicmp4_tab.sgydj66ahl26seccb00hw01qk4	INT8	#	Received ICMPv4 Information Request messages. The number of ICMP Information Request messages received.	Sum, nkcuavlbh, tot
icps_inireqreply	nok_nkcu_tcpicmp4_tab.sh0bcyhahl26seccb00hw01qk4	INT8	#	Received ICMPv4 Information Reply messages. The number of ICMP Information Reply messages received.	Sum, nkcuavlbh, tot
icps_inmaskreply	nok_nkcu_tcpicmp4_tab.sh26fmxahl26seccb00hw01qk4	INT8	#	Received ICMPv4 Address Mask Reply messages. The number of ICMP Address Mask Reply messages received.	Sum, nkcuavlbh, tot
icps_inmaskreq	nok_nkcu_tcpicmp4_tab.sh16w4lahl26seccb00hw01qk4	INT8	#	Received ICMPv4 Address Mask Request messages. The number of ICMP Address Mask Request messages received.	Sum, nkcuavlbh, tot
icps_inparamprob	nok_nkcu_tcpicmp4_tab.sgvjmmlahl26seccb00hw01q	INT8	#	Received ICMPv4 Parameter Problem	Sum, nkcuavlbh

	k4			messages. The number of ICMP Parameter Problem messages received.	, tot
icps_inredirect	nok_nkcu_tcpicmp4_tab.sgqputhahl26seccb00hw01qk4	INT8	#	Received ICMPv4 Redirect messages The number of ICMP Redirect messages received.	Sum, nkcuavlbh, tot
icps_inrouteradvert	nok_nkcu_tcpicmp4_tab.sgsn1r6ahl26seccb00hw01qk4	INT8	#	Received ICMPv4 Router Advertisement messages. The number of ICMP Router Advertisement messages received.	Sum, nkcuavlbh, tot
icps_inroutersolicit	nok_nkcu_tcpicmp4_tab.sgtmtvdahl26seccb00hw01qk4	INT8	#	Received ICMPv4 Router Solicitation messages. The number of ICMP Router Solicitation messages received.	Sum, nkcuavlbh, tot
icps_insourcequench	nok_nkcu_tcpicmp4_tab.sgpsilxahl26seccb00hw01qk4	INT8	#	Received ICMPv4 Source Quench messages The number of ICMP Source Quench messages received.	Sum, nkcuavlbh, tot
icps_intimxceed	nok_nkcu_tcpicmp4_tab.sgum25tahl26seccb00hw01qk4	INT8	#	Received ICMPv4 Time Exceeded messages. The number of ICMP Time Exceeded messages received.	Sum, nkcuavlbh, tot
icps_intstamp	nok_nkcu_tcpicmp4_tab.sgwhsq6ahl26seccb00hw01qk4	INT8	#	Received ICMPv4 Timestamp messages. The number of ICMP Timestamp (request) messages received.	Sum, nkcuavlbh, tot

icps_intstampreply	nok_nkcu_tcpicmp4_tab.sgxfjhdahl26seccb00hw01qk4	INT8	#	Received ICMPv4 Timestamp Reply messages. The number of ICMP Timestamp Reply messages received.	Sum, nkcuavlbh, tot
icps_inunreach	nok_nkcu_tcpicmp4_tab.sgow2g6ahl26seccb00hw01qk4	INT8	#	Received ICMPv4 Destination Unreachable messages. The number of ICMP Destination Unreachable messages received.	Sum, nkcuavlbh, tot
icps_oldicmp	nok_nkcu_tcpicmp4_tab.sgn0j46ahl26seccb00hw01qk4	INT8	#	The number of received IP datagrams including ICMP error messages.	Sum, nkcuavlbh, tot
icps_outechoreply	nok_nkcu_tcpicmp4_tab.sh6xp1xahl26seccb00hw01qk4	INT8	#	Sent ICMPv4 Echo Reply messages. The number of ICMP Echo Reply messages sent.	Sum, nkcuavlbh, tot
icps_outecho	nok_nkcu_tcpicmp4_tab.shds5apahl26seccb00hw01qk4	INT8	#	Sent ICMPv4 Echo messages. The number of ICMP Echo (request) messages sent.	Sum, nkcuavlbh, tot
icps_outireqreply	nok_nkcu_tcpicmp4_tab.shly0cpahl26seccb00hw01qk4	INT8	#	Sent ICMPv4 Information Reply messages. The number of ICMP Information Reply messages sent.	Sum, nkcuavlbh, tot
icps_outireq	nok_nkcu_tcpicmp4_tab.shksrmxahl26seccb00hw01qk	INT8	#	Sent ICMPv4 Information	Sum, nkcuavlbh

This edition applies to IBM® Tivoli® Netcool® Performance Manager for Wireless and to all subsequent releases and modifications until otherwise indicated in new editions.

	4			Request messages. The number of ICMP Information Request messages sent.	, tot
icps_outmaskreply	nok_nkcu_tcpicmp4_tab.shnwjmpahl26seccb00hw01qk4	INT8	#	Sent ICMPv4 Address Mask Reply messages. The number of ICMP Address Mask Reply messages sent.	Sum, nkcuavlbh, tot
icps_outmaskreq	nok_nkcu_tcpicmp4_tab.shmxirhahl26seccb00hw01qk4	INT8	#	Sent ICMPv4 Address Mask Request messages. The number of ICMP Address Mask Request messages sent.	Sum, nkcuavlbh, tot
icps_outparamprob	nok_nkcu_tcpicmp4_tab.shhth16ahl26seccb00hw01qk4	INT8	#	Sent ICMPv4 Parameter Problem messages. The number of ICMP Parameter Problem messages sent.	Sum, nkcuavlbh, tot
icps_outredirect	nok_nkcu_tcpicmp4_tab.shcsymxahl26seccb00hw01qk4	INT8	#	Sent ICMPv4 Redirect messages. The number of ICMP Redirect messages sent. For a host, this object will always be zero, since hosts do not send redirect messages.	Sum, nkcuavlbh, tot
icps_outrouteradvert	nok_nkcu_tcpicmp4_tab.sherxq2ahl26seccb00hw01qk4	INT8	#	Sent ICMPv4 Router Advertisement messages. The number of ICMP Router Advertisement messages sent.	Sum, nkcuavlbh, tot

icps_outroutersolicit	nok_nkcu_tcpicmp4_tab.shfqwkdahl26seccb00hw01qk4	INT8	#	Sent ICMPv4 Router Solicitation messages. The number of ICMP Router Solicitation messages sent.	Sum, nkcuavlbh, tot
icps_outsourcequench	nok_nkcu_tcpicmp4_tab.shbuh4lahl26seccb00hw01qk4	INT8	#	Sent ICMPv4 Source Quench messages. The number of ICMP Source Quench messages sent.	Sum, nkcuavlbh, tot
icps_outtimxceed	nok_nkcu_tcpicmp4_tab.shgupm6ahl26seccb00hw01qk4	INT8	#	Sent ICMPv4 Time Exceeded messages. The number of ICMP Time Exceeded messages sent.	Sum, nkcuavlbh, tot
icps_outtstampreply	nok_nkcu_tcpicmp4_tab.shjsu36ahl26seccb00hw01qk4	INT8	#	Sent ICMPv4 Timestamp Reply messages. The number of ICMP Timestamp Reply messages sent.	Sum, nkcuavlbh, tot
icps_outtstamp	nok_nkcu_tcpicmp4_tab.shitmwhahl26seccb00hw01qk4	INT8	#	Sent ICMPv4 Timestamp messages. The number of ICMP Timestamp (request) messages sent.	Sum, nkcuavlbh, tot
icps_outunreach	nok_nkcu_tcpicmp4_tab.shaurnpahl26seccb00hw01qk4	INT8	#	Sent ICMPv4 Destination Unreachable messages. The number of ICMP Destination Unreachable	Sum, nkcuavlbh, tot

				messages sent.	
icps_reflect	nok_nkcu_tcpicmp4_tab.shovw4pahl26seccb00hw01qk4	INT8	#	ICMP message reflects. The number of ICMP message responses generated.	Sum, nkcuavlbh, tot
icps_tooshort	nok_nkcu_tcpicmp4_tab.sh422v2ahl26seccb00hw01qk4	INT8	#	Too short ICMP messages. The number of ICMP messages with the length of the ICMP header shorter than the minimum length.	Sum, nkcuavlbh, tot

6.7.9 Computer_Unit.Nokia.UMTS.tcpip_measurement.icmpv6

TCPIP - ICMPv6 measurement statistics

KPI Name	Expression	Data Type	Units	Description	Aggregation
icp6s_badcode	nok_nkcu_tcpicmp6_tab.sidggrxahl26seccb00hw01qk4	INT8	#	ICMPv6 messages with bad code fields. The number of ICMP messages with an invalid code.	Sum, nkcuavlbh, tot
icp6s_badlen	nok_nkcu_tcpicmp6_tab.sig6codahl26seccb00hw01qk4	INT8	#	The number of MLD, WRU, ND or Router Renumbering ICMPv6 messages whose length is too short.	Sum, nkcuavlbh, tot
icp6s_canterror	nok_nkcu_tcpicmp6_tab.shqrqblahl26seccb00hw01qk4	INT8	#	The number of received IPv6 datagrams including ICMPv6 error message.	Sum, nkcuavlbh, tot
icp6s_checksum	nok_nkcu_tcpicmp6_tab.sifbacpahl26seccb00hw01qk4	INT8	#	ICMPv6 message bad checksum. The number of ICMP	Sum, nkcuavlbh, tot

				messages with an invalid ICMPv6 checksum.	
icp6s_dstunreachaddr	nok_nkcu_tcpicmp6_tab.sj2nrfdahl26seccb00hw01qk4	INT8	#	The number of ICMPv6 Destination Unreachable messages with address unreachable (3) code.	Sum, nkcuavlbh, tot
icp6s_dstunreachadmin	nok_nkcu_tcpicmp6_tab.sj0p1yxahl26seccb00hw01qk4	INT8	#	The number of ICMPv6 Destination Unreachable messages with the -communication with destination administratively prohibited- (1) code.	Sum, nkcuavlbh, tot
icp6s_dstunreachbeyondscope	nok_nkcu_tcpicmp6_tab.sj1onv2ahl26seccb00hw01qk4	INT8	#	The number of ICMPv6 Destination Unreachable messages with the -beyond scope- (2) code.	Sum, nkcuavlbh, tot
icp6s_dstunreachnoport	nok_nkcu_tcpicmp6_tab.sj3qwpdahl26seccb00hw01qk4	INT8	#	The number of ICMPv6 Destination Unreachable messages with the -port unreachable- (4) code.	Sum, nkcuavlbh, tot
icp6s_dstunreachnoroute	nok_nkcu_tcpicmp6_tab.siypadhahl26seccb00hw01qk4	INT8	#	The number of ICMPv6 Destination	Sum, nkcuavlbh, tot

This edition applies to IBM® Tivoli® Netcool® Performance Manager for Wireless and to all subsequent releases and modifications until otherwise indicated in new editions.

				Unreachable messages with the -no route to destination- (0) code.	
icp6s_error	nok_nkcu_tcpicmp6_tab.shpunmdahl26seccb00hw01qk4	INT8	#	The number of sent ICMPv6 error messages.	Sum, nkcuavlbh, tot
icp6s_indstunreach	nok_nkcu_tcpicmp6_tab.sii4yytahl26seccb00hw01qk4	INT8	#	Received ICMPv6 Destination Unreachable messages. The number of ICMP Destination Unreachable messages received.	Sum, nkcuavlbh, tot
icp6s_inecho	nok_nkcu_tcpicmp6_tab.silynlpahl26seccb00hw01qk4	INT8	#	Received ICMPv6 Echo Request messages. The number of ICMP Echo Request messages received.	Sum, nkcuavlbh, tot
icp6s_inechoreply	nok_nkcu_tcpicmp6_tab.simyh3dahl26seccb00hw01qk4	INT8	#	Received ICMPv6 Echo Reply messages. The number of ICMP Echo Reply messages received.	Sum, nkcuavlbh, tot
icp6s_inmlddone	nok_nkcu_tcpicmp6_tab.sipwfchahl26seccb00hw01qk4	INT8	#	Received ICMPv6 Multicast Listener Done messages. The number of ICMP Multicast Listener Done messages received.	Sum, nkcuavlbh, tot
icp6s_inmldquery	nok_nkcu_tcpicmp6_tab.sio0bf2ahl26seccb00hw01qk4	INT8	#	Received ICMPv6 Multicast Listener Query messages. The number of ICMP Multicast Listener Query messages received.	Sum, nkcuavlbh, tot

icp6s_inmldreport	nok_nkcu_tcpicmp6_tab.sioytlxahl26seccb00hw01qk4	INT8	#	Received ICMPv6 Multicast Listener Report messages. The number of ICMP Multicast Listener Report messages received.	Sum, nkcuavlbh, tot
icp6s_inneighboradvert	nok_nkcu_tcpicmp6_tab.sitv4t6ahl26seccb00hw01qk4	INT8	#	Received ICMPv6 Neighbor Advertisement messages. The number of ICMP Neighbor Advertisement messages received.	Sum, nkcuavlbh, tot
icp6s_inneighborsolicit	nok_nkcu_tcpicmp6_tab.sisvscpahl26seccb00hw01qk4	INT8	#	Received ICMPv6 Neighbor Solicitation messages. The number of ICMP Neighbor Solicitation messages received.	Sum, nkcuavlbh, tot
icp6s_inniquery	nok_nkcu_tcpicmp6_tab.siwrv56ahl26seccb00hw01qk4	INT8	#	Received ICMPv6 Node Information Query messages. The number of ICMP Node Information Query messages received.	Sum, nkcuavlbh, tot
icp6s_innireply	nok_nkcu_tcpicmp6_tab.sixscotahl26seccb00hw01qk4	INT8	#	Received ICMPv6 Node Information Reply messages. The number of ICMP Node Information Reply messages received.	Sum, nkcuavlbh, tot
icp6s_inparamprob	nok_nkcu_tcpicmp6_tab.si	INT8	#	Received ICMPv6	Sum,

This edition applies to IBM® Tivoli® Netcool® Performance Manager for Wireless and to all subsequent releases and modifications until otherwise indicated in new editions.

	kxushahl26seccb00hw01qk4			Parameter Problem messages. The number of ICMP Parameter Problem messages received.	nkcuavlbh, tot
icp6s_inpkttoobig	nok_nkcu_tcpicmp6_tab.sij2ordahl26seccb00hw01qk4	INT8	#	Received ICMPv6 Too Big messages. The number of ICMP Too Big messages received.	Sum, nkcuavlbh, tot
icp6s_inredirect	nok_nkcu_tcpicmp6_tab.siuudehahl26seccb00hw01qk4	INT8	#	Received ICMPv6 Redirect messages. The number of ICMP Redirect messages received.	Sum, nkcuavlbh, tot
icp6s_inrouteradvert	nok_nkcu_tcpicmp6_tab.sirvq12ahl26seccb00hw01qk4	INT8	#	Received ICMPv6 Router Advertisement messages. The number of ICMP Router Advertisement messages received.	Sum, nkcuavlbh, tot
icp6s_inrouterrenumber	nok_nkcu_tcpicmp6_tab.sivtln6ahl26seccb00hw01qk4	INT8	#	Received ICMPv6 Router Renumbering messages. The number of ICMPv6 Router Renumbering messages received.	Sum, nkcuavlbh, tot
icp6s_inroutersolicit	nok_nkcu_tcpicmp6_tab.sir00k6ahl26seccb00hw01qk4	INT8	#	Received ICMPv6 Router Solicitation messages. The number of ICMP Router Solicitation messages received.	Sum, nkcuavlbh, tot
icp6s_intimeexceed	nok_nkcu_tcpicmp6_tab.sik1142ahl26seccb00hw01qk4	INT8	#	Received ICMPv6 Time Exceeded messages. The number of ICMP Time Exceeded	Sum, nkcuavlbh, tot

				messages received.	
icp6s_nd_toomanyopt	nok_nkcu_tcpicmp6_tab.sjfwkddahl26seccb00hw01qk4	INT8	#	The number of ICMPv6 messages with too many ND options.	Sum, nkcuavlbh, tot
icp6s_outdstunreach	nok_nkcu_tcpicmp6_tab.shspw62ahl26seccb00hw01qk4	INT8	#	Sent ICMPv6 Destination Unreachable messages. The number of ICMP Destination Unreachable messages sent.	Sum, nkcuavlbh, tot
icp6s_outechoreply	nok_nkcu_tcpicmp6_tab.shxnenpahl26seccb00hw01qk4	INT8	#	Sent ICMPv6 Echo Reply messages. The number of ICMP Echo Reply messages sent.	Sum, nkcuavlbh, tot
icp6s_outecho	nok_nkcu_tcpicmp6_tab.shwmvo6ahl26seccb00hw01qk4	INT8	#	Sent ICMPv6 Echo Request messages. The number of ICMP Echo Request messages sent.	Sum, nkcuavlbh, tot
icp6s_outmlddone	nok_nkcu_tcpicmp6_tab.si1mfslahl26seccb00hw01qk4	INT8	#	Sent ICMPv6 Multicast Listener Done messages. The number of ICMP Multicast Listener Done messages sent.	Sum, nkcuavlbh, tot
icp6s_outmldquery	nok_nkcu_tcpicmp6_tab.shyncihahl26seccb00hw01qk4	INT8	#	Sent ICMPv6 Multicast Listener Query messages. The number of ICMP Multicast Listener Query	Sum, nkcuavlbh, tot

This edition applies to IBM® Tivoli® Netcool® Performance Manager for Wireless and to all subsequent releases and modifications until otherwise indicated in new editions.

				messages sent.	
icp6s_outmldreport	nok_nkcu_tcpicmp6_tab.si0n3txahl26seccb00hw01qk4	INT8	#	Sent ICMPv6 Multicast Listener Report messages. The number of ICMP Multicast Listener Report messages sent.	Sum, nkcuavlbh, tot
icp6s_outneighboradvert	nok_nkcu_tcpicmp6_tab.si5l252ahl26seccb00hw01qk4	INT8	#	Sent ICMPv6 Neighbor Advertisement messages. The number of ICMP Neighbor Advertisement messages sent.	Sum, nkcuavlbh, tot
icp6s_outneighborsolicit	nok_nkcu_tcpicmp6_tab.si4mmplahl26seccb00hw01qk4	INT8	#	Sent ICMPv6 Neighbor Solicitation messages. The number of ICMP Neighbor Solicitation messages sent.	Sum, nkcuavlbh, tot
icp6s_outniquery	nok_nkcu_tcpicmp6_tab.sibkobdahl26seccb00hw01qk4	INT8	#	Sent ICMPv6 Node Information Query messages. The number of ICMP Node Information Query messages sent.	Sum, nkcuavlbh, tot
icp6s_outnireply	nok_nkcu_tcpicmp6_tab.sichxt6ahl26seccb00hw01qk4	INT8	#	Sent ICMPv6 Node Information Reply messages. The number of ICMP Node Information Reply messages sent.	Sum, nkcuavlbh, tot
icp6s_outparamprob	nok_nkcu_tcpicmp6_tab.shvo6ntahl26seccb00hw01qk4	INT8	#	Sent ICMPv6 Parameter Problem messages. The number of ICMP	Sum, nkcuavlbh, tot

				Parameter Problem messages sent.	
icp6s_outpkttoobig	nok_nkcu_tcpicmp6_tab.shto63pahl26seccb00hw01qk4	INT8	#	Sent ICMPv6 Too Big messages. The number of ICMP Too Big messages sent.	Sum, nkcuavlbh, tot
icp6s_outredirect	nok_nkcu_tcpicmp6_tab.si6ltutahl26seccb00hw01qk4	INT8	#	Sent ICMPv6 Redirect messages. The number of ICMP Redirect messages sent. For a host, this object will always be zero, since hosts do not send redirect messages.	Sum, nkcuavlbh, tot
icp6s_outrouteradvert	nok_nkcu_tcpicmp6_tab.si3lqutahl26seccb00hw01qk4	INT8	#	Sent ICMPv6 Router Advertisement messages. The number of ICMP Router Advertisement messages sent.	Sum, nkcuavlbh, tot
icp6s_outrouterrenumber	nok_nkcu_tcpicmp6_tab.siakue6ahl26seccb00hw01qk4	INT8	#	Sent ICMPv6 Router Renumbering messages. The number of ICMP Router Renumbering messages sent.	Sum, nkcuavlbh, tot
icp6s_outroutersolicit	nok_nkcu_tcpicmp6_tab.si2l4tdahl26seccb00hw01qk4	INT8	#	Sent ICMPv6 Router Solicitation messages. The number of ICMP Router Solicitation	Sum, nkcuavlbh, tot

				messages sent.	
icp6s_outtimeexceed	nok_nkcu_tcpicmp6_tab.shuo5d6ahl26seccb00hw01qk4	INT8	#	Sent ICMPv6 Time Exceeded messages. The number of ICMP Time Exceeded messages sent.	Sum, nkcuavlbh, tot
icp6s_packettoobig	nok_nkcu_tcpicmp6_tab.sj4qvoxahl26seccb00hw01qk4	INT8	#	The number of ICMPv6 Too Big messages (with code 0).	Sum, nkcuavlbh, tot
icp6s_paramprobheader	nok_nkcu_tcpicmp6_tab.sjavtjdahl26seccb00hw01qk4	INT8	#	The number of ICMPv6 Parameter Problem messages with the -erroneous header field encountered- code (0).	Sum, nkcuavlbh, tot
icp6s_paramprobnextheader	nok_nkcu_tcpicmp6_tab.sjbwlatahl26seccb00hw01qk4	INT8	#	The number of ICMPv6 Parameter Problem messages with the -unrecognized Next Header type encountered- code (1).	Sum, nkcuavlbh, tot
icp6s_paramproboption	nok_nkcu_tcpicmp6_tab.sjcwq2xahl26seccb00hw01qk4	INT8	#	The number of ICMPv6 Parameter Problem messages with the -unrecognized IPv6 option encountered- code (2).	Sum, nkcuavlbh, tot
icp6s_redirect	nok_nkcu_tcpicmp6_tab.sjdwkklahl26seccb00hw01qk4	INT8	#	The number of ICMPv6 Redirect messages.	Sum, nkcuavlbh, tot
icp6s_reflect	nok_nkcu_tcpicmp6_tab.sih4sdlahl26seccb00hw01qk4	INT8	#	ICMPv6 message reflects. The number of ICMPv6 message responses	Sum, nkcuavlbh, tot

				generated.	
icp6s_timeexceedreassembly	nok_nkcu_tcpicmp6_tab.sj6r2bdahl26seccb00hw01qk4	INT8	#	The number of ICMPv6 Time Exceeded messages with the -fragment reassembly time exceeded- code (1).	Sum, nkcuavlbh, tot
icp6s_timeexceedtransit	nok_nkcu_tcpicmp6_tab.sj5r4pxahl26seccb00hw01qk4	INT8	#	The number of ICMPv6 Time Exceeded messages with the -hop limit exceeded in transit- code (0).	Sum, nkcuavlbh, tot
icp6s_toofreq	nok_nkcu_tcpicmp6_tab.shrq6ypahl26seccb00hw01qk4	INT8	#	Errors not generated because of rate limitation. The number of times when errors were not generated because of rate limitation.	Sum, nkcuavlbh, tot
icp6s_tooshort	nok_nkcu_tcpicmp6_tab.sieegwxahl26seccb00hw01qk4	INT8	#	Too short ICMPv6 messages. The number of ICMP messages with the length of the ICMPv6 header shorter than the minimum length.	Sum, nkcuavlbh, tot
icp6s_unknown	nok_nkcu_tcpicmp6_tab.sjewjxxahl26seccb00hw01qk4	INT8	#	The number of unknown ICMPv6 messages.	Sum, nkcuavlbh, tot

6.7.10 Computer_Unit.Nokia.UMTS.tcpip_measurement.ipv4

TCPIP - IPv4 measurement statistics

KPI Name	Expression	Data Type	Units	Description	Aggregation
_%_ips_delivered	100 * {ips_delivered}/ {ips_total}	FLOAT	%	Success rate for received IPv4 datagrams delivered successfully.	Average, avg, nkcuavlbh
ips_badaddr	nok_nkcu_tcpip4_tab.sk5i026ahl26seccb00hw01qk4	INT8	#	Invalid address in the header of an IP datagram. The number of discarded IP datagrams that have an invalid source address.	Sum, nkcuavlbh, tot
ips_badfrags	nok_nkcu_tcpip4_tab.sjmqdjpahl26seccb00hw01qk4	INT8	#	Malformed IP fragments dropped.	Sum, nkcuavlbh, tot
ips_badhlen	nok_nkcu_tcpip4_tab.skbdj2hahl26seccb00hw01qk4	INT8	#	Received IP datagrams with bad header length. The number of input IP datagrams discarded because of invalid header length.	Sum, nkcuavlbh, tot
ips_badlen	nok_nkcu_tcpip4_tab.skcdss6ahl26seccb00hw01qk4	INT8	#	Received IP datagrams with bad length. The number of input IP datagrams discarded because of inconsistent IP header and IP data length.	Sum, nkcuavlbh, tot
ips_badoptions	nok_nkcu_tcpip4_tab.skdcmi2ahl26seccb00hw01qk4	INT8	#	Received IP datagrams with errors in IP options. The number of input IP datagrams discarded because of errors discovered in processing their	Sum, nkcuavlbh, tot

				header IP options.	
ips_badsum	nok_nkcu_tcpip4_tab.sjix0ulahl26seccb00hw01qk4	INT8	#	Received IP datagrams with errored checksum. The number of input IP datagrams discarded because of errors in their checksum.	Sum, nkcuavlbh, tot
ips_badvers	nok_nkcu_tcpip4_tab.skecgw2ahl26seccb00hw01qk4	INT8	#	Received IP datagrams with version errors. The number of input IP datagrams discarded because of version number mismatch.	Sum, nkcuavlbh, tot
ips_cantforward	nok_nkcu_tcpip4_tab.sjspeyxahl26seccb00hw01qk4	INT8	#	Received IP datagrams not forwardable. The number of input datagrams discarded because the IP address in their IP header destination field was not a valid address to be forwarded to.	Sum, nkcuavlbh, tot
ips_cantfrag	nok_nkcu_tcpip4_tab.sk3ky4hahl26seccb00hw01qk4	INT8	#	IP datagrams fragment failed. The number of IP datagrams that have been discarded because they needed to be fragmented at this entity but the	Sum, nkcuavlbh, tot

				fragmenting failed.	
ips_delivered	nok_nkcu_tcpip4_tab.sjooyc6ahl26seccb00hw01qk4	INT8	#	Received IP datagrams delivered successfully. The total number of input IP datagrams successfully delivered.	Sum, nkcuavlbh, tot
ips_fastforward	nok_nkcu_tcpip4_tab.sk2mk4xahl26seccb00hw01qk4	INT8	#	IP datagrams fast-forwarded.	Sum, nkcuavlbh, tot
ips_forward	nok_nkcu_tcpip4_tab.sjrqastahl26seccb00hw01qk4	INT8	#	Forwarded IP datagrams. The number of input IP datagrams for which this entity was not their final IP destination, as a result of which an attempt was made to find a route to forward them to the correct final destination.	Sum, nkcuavlbh, tot
ips_fragdropped	nok_nkcu_tcpip4_tab.sjjvakxahl26seccb00hw01qk4	INT8	#	IP fragments dropped. The number of discarded IP fragments because of duplicates or insufficient space.	Sum, nkcuavlbh, tot
ips_fragmented	nok_nkcu_tcpip4_tab.sk0kwuhahl26seccb00hw01qk4	INT8	#	Outgoing IP datagrams fragmented. The number of outgoing IP datagrams that have been successfully fragmented at this entity.	Sum, nkcuavlbh, tot
ips_fragments	nok_nkcu_tcpip4_tab.skfdglxahl26seccb00hw01qk4	INT8	#	IP fragments received.	Sum, nkcuavlbh

					, tot
ips_fragtimeout	nok_nkcu_tcpip4_tab.sjkshwtahl26seccb00hw01qk4	INT8	#	IP fragments timed out. The number of IP fragments dropped after time-out.	Sum, nkcuavlbh, tot
ips_localout	nok_nkcu_tcpip4_tab.sjvnx2xahl26seccb00hw01qk4	INT8	#	IP datagrams sent from this host. The total number of IP datagrams generated by the system, not forwarded.	Sum, nkcuavlbh, tot
ips_nogif	nok_nkcu_tcpip4_tab.sk4knqhahl26seccb00hw01qk4	INT8	#	No match gif IP datagrams. Tunneling IP datagrams that cannot find match gif.	Sum, nkcuavlbh, tot
ips_noproto	nok_nkcu_tcpip4_tab.sjqpmklahl26seccb00hw01qk4	INT8	#	Received IP datagrams with unknown protocol. The number of locally addressed datagrams received successfully but discarded because of an unknown or unsupported protocol.	Sum, nkcuavlbh, tot
ips_noroute	nok_nkcu_tcpip4_tab.sjykx6lahl26seccb00hw01qk4	INT8	#	Outgoing IP datagrams, no route found. The number of IP datagrams discarded because no route could be found to transmit them to their	Sum, nkcuavlbh, tot

				destination.	
ips_odropped	nok_nkcu_tcpip4_tab.sjxklhtahl26seccb00hw01qk4	INT8	#	Outgoing IP datagrams discarded. The number of output IP datagrams for which no problem was encountered to prevent their transmission to their destination, but which were discarded for resource shortages, for example, lack of buffer space.	Sum, nkcuavlbh, tot
ips_ofragments	nok_nkcu_tcpip4_tab.sk1ld6lahl26seccb00hw01qk4	INT8	#	Outgoing IP datagram fragments created. The number of outgoing IP datagram fragments that have been generated as a result of fragmentation at this entity.	Sum, nkcuavlbh, tot
ips_rawout	nok_nkcu_tcpip4_tab.sjwni4xahl26seccb00hw01qk4	INT8	#	Raw IP datagrams. The total number of IP datagrams generated. The number of packets sent with the fabricated IP header.	Sum, nkcuavlbh, tot
ips_rcvmemdrop	nok_nkcu_tcpip4_tab.sjlsudtahl26seccb00hw01qk4	INT8	#	The number of IP fragments dropped because of insufficient memory.	Sum, nkcuavlbh, tot
ips_reassembled	nok_nkcu_tcpip4_tab.sjnr43lahl26seccb00hw01qk4	INT8	#	Reassembled IP datagrams. The number of IP datagrams	Sum, nkcuavlbh, tot

				successfully reassembled.	
ips_redirectsent	nok_nkcu_tcpip4_tab.sjtp6apahl26seccb00hw01qk4	INT8	#	The number of redirect messages sent.	Sum, nkcuavlbh, tot
ips_toolong	nok_nkcu_tcpip4_tab.skadiphahl26seccb00hw01qk4	INT8	#	Too long IP datagrams received. The number of discarded IP datagrams the length of which exceeds the maximum IP packet size.	Sum, nkcuavlbh, tot
ips_tooshort	nok_nkcu_tcpip4_tab.sk6f0mxahl26seccb00hw01qk4	INT8	#	Too short IP datagrams received. The number of discarded IP datagrams with invalid data length.	Sum, nkcuavlbh, tot
ips_toosmall	nok_nkcu_tcpip4_tab.sjupbspahl26seccb00hw01qk4	INT8	#	Too small IP datagrams received. The number of discarded IP datagrams because they are too small to contain an IP packet.	Sum, nkcuavlbh, tot
ips_total	nok_nkcu_tcpip4_tab.sjgx5c6ahl26seccb00hw01qk4	INT8	#	Received IP datagrams. The total number of input IP datagrams received from interfaces, including those received in error.	Sum, nkcuavlbh, tot
tot_Ips_sent_receiv	{ips_localout} +	INT8	#	Total IPv4 packets	Sum,

ed_fwd	{ips_total} + {ips_forward}			sent, received and forwarded	nkcuavlbh, tot

6.7.11 Computer_Unit.Nokia.UMTS.tcpip_measurement.ipv6

TCPIP - IPv6 measurement statistics

KPI Name	Expression	Data Type	Units	Description	Aggregation
_%_ip6s_delivered	100 * {ip6s_delivered}/ {ip6s_total}	FLOAT	%	Success rate for received IPv6 datagrams delivered successfully.	Average, avg, nkcuavlbh
ip6s_badoptions	nok_nkcu_tcpip6_tab.skkg432ahl26seccb00hw01qk4	INT8	#	Incoming IPv6 datagrams with option errors. The number of input IPv6 datagrams discarded because of errors discovered when processing their IPv6 options.	Sum, nkcuavlbh, tot
ip6s_badscope	nok_nkcu_tcpip6_tab.sl4yfgpahl26seccb00hw01qk4	INT8	#	The number of IPv6 datagrams that violated scope rules.	Sum, nkcuavlbh, tot
ip6s_badvers	nok_nkcu_tcpip6_tab.sklee rpahl26seccb00hw01qk4	INT8	#	Incoming IPv6 datagrams with version errors. The number of input datagrams discarded because of version number mismatch in their IPv6 headers.	Sum, nkcuavlbh, tot
ip6s_cantforward	nok_nkcu_tcpip6_tab.skup0x2ahl26seccb00hw01qk4	INT8	#	Received IPv6 datagrams not forwardable. The number of input datagrams discarded because the IP address in	Sum, nkcuavlbh, tot

				their IPv6 header destination field was not a valid address to be forwarded to.	
ip6s_cantfrag	nok_nkcu_tcpip6_tab.sl4115pahl26seccb00hw01qk4	INT8	#	IPv6 datagram fragment failed. The number of IPv6 datagrams that have been discarded because they needed to be fragmented at this entity but the fragmenting failed.	Sum, nkcuavlbh, tot
ip6s_delivered	nok_nkcu_tcpip6_tab.skrg5vtahl26seccb00hw01qk4	INT8	#	Incoming IPv6 datagrams delivered. The total number of datagrams successfully delivered to IPv6 user protocols (including ICMP). This counter is incremented at the interface to which these datagrams were addressed, which might not necessarily be the input interface for some of the datagrams.	Sum, nkcuavlbh, tot
ip6s_exthdrtoolong	nok_nkcu_tcpip6_tab.sle4q1tahl26seccb00hw01qk4	INT8	#	IPv6 datagrams whose headers are not continuous.	Sum, nkcuavlbh, tot
ip6s_forward	nok_nkcu_tcpip6_tab.sktgy	INT8	#	Outgoing IPv6	Sum,

This edition applies to IBM® Tivoli® Netcool® Performance Manager for Wireless and to all subsequent releases and modifications until otherwise indicated in new editions.

	gxahl26seccb00hw01qk4			datagram forwarded. The number of output datagrams which this entity received and forwarded to their final destinations. In entities which do not act as IPv6 routers, this counter will include only those packets which were Source-Routed via this entity, and the Source-Route processing was successful.	nkcuavlbh, tot
ip6s_fragdropped	nok_nkcu_tcpip6_tab.skng1mhahl26seccb00hw01qk4	INT8	#	IPv6 fragments dropped. The number of discarded IP fragments because of duplicates or insufficient space.	Sum, nkcuavlbh, tot
ip6s_fragmented	nok_nkcu_tcpip6_tab.sl21r6dahl26seccb00hw01qk4	INT8	#	Outgoing IPv6 datagrams fragmented. The number of outgoing IPv6 datagrams that have been successfully fragmented at this entity.	Sum, nkcuavlbh, tot
ip6s_fragments	nok_nkcu_tcpip6_tab.skmfultahl26seccb00hw01qk4	INT8	#	Received IPv6 fragments.	Sum, nkcuavlbh, tot
ip6s_fragoverflow	nok_nkcu_tcpip6_tab.skpfw2pahl26seccb00hw01qk4	INT8	#	Overflowed IPv6 fragments. IPv6 fragments that exceeded the limit.	Sum, nkcuavlbh, tot
ip6s_fragtimeout	nok_nkcu_tcpip6_tab.skog	INT8	#	IPv6 fragments	Sum,

	13dahl26seccb00hw01qk4			timed out. The number of IPv6 fragments dropped after time- out.	nkcuavlbh, tot
ip6s_localout	nok_nkcu_tcpip6_tab.skwoyglahl26seccb00hw01qk4	INT8	#	IPv6 datagrams sent from this host. The total number of IPv6 datagrams generated in the system, not forwarded.	Sum, nkcuavlbh, tot
ip6s_m1	nok_nkcu_tcpip6_tab.sla02wxahl26seccb00hw01qk4	INT8	#	Multicast IPv6 datagrams which do not join.	Sum, nkcuavlbh, tot
ip6s_m2m	nok_nkcu_tcpip6_tab.slb52i2ahl26seccb00hw01qk4	INT8	#	The usage of two or more memory buffers. The number of times that two or more memory buffers have been used by the networking protocols.	Sum, nkcuavlbh, tot
ip6s_mext1	nok_nkcu_tcpip6_tab.slc5dpdahl26seccb00hw01qk4	INT8	#	The usage of one external memory buffer. The number of times that one external memory buffer has been used by the networking protocols.	Sum, nkcuavlbh, tot
ip6s_mext2m	nok_nkcu_tcpip6_tab.sld3v3tahl26seccb00hw01qk4	INT8	#	The usage of two or more external memory buffers. The number of times that two or more external	Sum, nkcuavlbh, tot

				memory buffers have been used by the networking protocols.	
ip6s_nogif	nok_nkcu_tcpip6_tab.slf4mq2ahl26seccb00hw01qk4	INT8	#	The number of tunneling IPv6 datagrams that cannot find gif.	Sum, nkcuavlbh, tot
ip6s_noroute	nok_nkcu_tcpip6_tab.sl0ncn2ahl26seccb00hw01qk4	INT8	#	Incoming IPv6 datagrams with no route. The number of input datagrams discarded because no route could be found to transmit them to their destination.	Sum, nkcuavlbh, tot
ip6s_notmember	nok_nkcu_tcpip6_tab.sl60dltahl26seccb00hw01qk4	INT8	#	Multicast IPv6 datagrams which do not join.	Sum, nkcuavlbh, tot
ip6s_odropped	nok_nkcu_tcpip6_tab.skynd1pahl26seccb00hw01qk4	INT8	#	Discarded outgoing IPv6 datagrams. The number of output IPv6 datagrams for which no problem was encountered to prevent their transmission to their destination, but which were discarded, for example, because of insufficient buffer space.	Sum, nkcuavlbh, tot
ip6s_ofragments	nok_nkcu_tcpip6_tab.sl30c5hahl26seccb00hw01qk4	INT8	#	Outgoing IPv6 datagram fragments created. The number of outgoing IPv6 datagram fragments that have been generated as a result of	Sum, nkcuavlbh, tot

				fragmentation at this entity.	
ip6s_rawout	nok_nkcu_tcpip6_tab.skxoy5lahl26seccb00hw01qk4	INT8	#	Raw IPv6 datagrams. The total number of IPv6 datagrams generated. The number of datagrams sent with the fabricated IPv6 header.	Sum, nkcuavlbh, tot
ip6s_reassembled	nok_nkcu_tcpip6_tab.skqg63lahl26seccb00hw01qk4	INT8	#	IPv6 datagrams reassembled ok. The number of IPv6 datagrams successfully reassembled.	Sum, nkcuavlbh, tot
ip6s_redirectsend	nok_nkcu_tcpip6_tab.skvoeqhahl26seccb00hw01qk4	INT8	#	IPv6 redirects sent. The number of redirect datagrams sent.	Sum, nkcuavlbh, tot
ip6s_toomanyhdr	nok_nkcu_tcpip6_tab.slg2ruhahl26seccb00hw01qk4	INT8	#	IPv6 datagrams discarded because of too many headers.	Sum, nkcuavlbh, tot
ip6s_tooshort	nok_nkcu_tcpip6_tab.skieqxdahl26seccb00hw01qk4	INT8	#	Too short IPv6 datagrams. The number of discarded IPv6 datagrams with invalid data length.	Sum, nkcuavlbh, tot
ip6s_toosmall	nok_nkcu_tcpip6_tab.skjf62xahl26seccb00hw01qk4	INT8	#	Too small IPv6 datagrams. The number of discarded IPv6 datagrams that are too small to contain	Sum, nkcuavlbh, tot

				an IP packet.	
ip6s_total	nok_nkcu_tcpip6_tab.skge5jpahl26seccb00hw01qk4	INT8	#	IPv6 datagrams received. The total number of input datagrams received by the interface, including those received in error.	Sum, nkcuavlbh, tot
tot_ip6s_sent_received_fwd	{ip6s_localout} + {ip6s_total} + {ip6s_forward}	INT8	#	Total IPv6 packets sent, received and forwarded	Sum, nkcuavlbh, tot

6.7.12 Computer_Unit.Nokia.UMTS.tcpip_measurement.sctp

SCTP measurements

KPI Name	Expression	Data Type	Units	Description	Aggregation
sctp_bad_csum	nok_nkcu_tcpsctp_tab.xpvf0dvdmm2aicsd002uaxybdk	INTEGER	#	The number of SCTP packets received with an invalid checksum.	Sum, nkcuavlbh, tot
sctp_bad_ssn	nok_nkcu_tcpsctp_tab.xpvf0dtdmm2aicsd002uaxybdk	INTEGER	#	The number of dropped chunks due to bad stream sequence number.	Sum, nkcuavlbh, tot
sctp_bad_stream_nbr	nok_nkcu_tcpsctp_tab.xpvf0e0dmm2aicsd002uaxybdk	INTEGER	#	The number of dropped chunks due to bad stream number.	Sum, nkcuavlbh, tot
sctp_bad_vtag	nok_nkcu_tcpsctp_tab.xpvf0dxdmm2aicsd002uaxybdk	INTEGER	#	The number of dropped SCTP packets due to bad verification tag.	Sum, nkcuavlbh, tot
sctp_dropped_fragment	nok_nkcu_tcpsctp_tab.xpvf0drdmm2aicsd002uaxybdk	INTEGER	#	The number of dropped invalid fragments.	Sum, nkcuavlbh, tot
sctp_header_drops	nok_nkcu_tcpsctp_tab.xpvf0e4dmm2aicsd002uaxybdk	INTEGER	#	The number of dropped SCTP packets due to bad header.	Sum, nkcuavlbh, tot

sctp_in_multicast	nok_nkcu_tcpsctp_tab.xpvf0e2dmm2aicsd002uaxybdk	INTEGER	#	The number of dropped multicast SCTP packets (SCTP cannot be multicast).	Sum, nkcuavlbh, tot
sctp_no_memory	nok_nkcu_tcpsctp_tab.xpvf0eddmm2aicsd002uaxybdk	INTEGER	#	The number of SCTP chunks dropped due to no memory.	Sum, nkcuavlbh, tot
sctp_no_ports	nok_nkcu_tcpsctp_tab.xpvf0ebdmm2aicsd002uaxybdk	INTEGER	#	The number of dropped SCTP packets due to no endpoint found.	Sum, nkcuavlbh, tot
sctp_receive_window_drops	nok_nkcu_tcpsctp_tab.xpvf0e6dmm2aicsd002uaxybdk	INTEGER	#	The number of dropped SCTP packets due to no receive window.	Sum, nkcuavlbh, tot
sctp_received_chunk_data	nok_nkcu_tcpsctp_tab.xpvf0erdmm2aicsd002uaxybdk	INTEGER	#	The number of SCTP DATA chunks received.	Sum, nkcuavlbh, tot
sctp_received_chunk_hback	nok_nkcu_tcpsctp_tab.xpvf0f4dmm2aicsd002uaxybdk	INTEGER	#	The number of SCTP HEARTBEAT-ACK chunks received.	Sum, nkcuavlbh, tot
sctp_received_chunk_hbreq	nok_nkcu_tcpsctp_tab.xpvf0f0dmm2aicsd002uaxybdk	INTEGER	#	The number of SCTP HEARTBEAT-REQ chunks received.	Sum, nkcuavlbh, tot
sctp_received_chunk_sack	nok_nkcu_tcpsctp_tab.xpvf0evdmm2aicsd002uaxybdk	INTEGER	#	The number of SCTP SACK chunks received.	Sum, nkcuavlbh, tot
sctp_received_control	nok_nkcu_tcpsctp_tab.xpvf0dldmm2aicsd002uaxybdk	INTEGER	#	The number of SCTP control chunks received (no	Sum, nkcuavlbh, tot

				duplicate chunks included).	
sctp_received_datagrams	nok_nkcu_tcpsctp_tab.xpvf0djdmm2aicsd002uaxybdk	INTEGER	#	The number of received valid packets.	Sum, nkcuavlbh, tot
sctp_received_duplicated_tsn	nok_nkcu_tcpsctp_tab.xpvf0dpdmm2aicsd002uaxybdk	INTEGER	#	The number of received duplicated TSN.	Sum, nkcuavlbh, tot
sctp_received_ootb	nok_nkcu_tcpsctp_tab.xpvf0dndmm2aicsd002uaxybdk	INTEGER	#	The number of out of the blue packets received by the host. An out of the blue packet is an SCTP packet correctly formed, including the proper checksum, but for which the receiver was unable to identify an appropriate association.	Sum, nkcuavlbh, tot
sctp_received_packets	nok_nkcu_tcpsctp_tab.xpvf0dhdmm2aicsd002uaxybdk	INTEGER	#	The number of SCTP packets received. Duplicates and invalid packets are included.	Sum, nkcuavlbh, tot
sctp_sent_bytes	nok_nkcu_tcpsctp_tab.xpvf0efdmm2aicsd002uaxybdk	INTEGER	Byte	The number of SCTP bytes sent.	Sum, nkcuavlbh, tot
sctp_sent_chunk_data	nok_nkcu_tcpsctp_tab.xpvf0etdmm2aicsd002uaxybdk	INTEGER	#	The number of SCTP DATA chunks sent.	Sum, nkcuavlbh, tot
sctp_sent_chunk_hback	nok_nkcu_tcpsctp_tab.xpvf0f6dmm2aicsd002uaxybdk	INTEGER	#	The number of SCTP HEARTBEAT-ACK chunks sent.	Sum, nkcuavlbh, tot
sctp_sent_chunk_hbreq	nok_nkcu_tcpsctp_tab.xpvf0f2dmm2aicsd002uaxybdk	INTEGER	#	The number of SCTP HEARTBEAT-	Sum, nkcuavlbh, tot

				REQ chunks sent.	
sctp_sent_chunk_sack	nok_nkcu_tcpsctp_tab.xpvf0exdmm2aicsd002uaxybdk	INTEGER	#	The number of SCTP SACK chunks sent.	Sum, nkcuavlbh, tot
sctp_sent_control	nok_nkcu_tcpsctp_tab.xpvf0ejdmm2aicsd002uaxybdk	INTEGER	#	The number of SCTP control chunks sent (retransmissions are not included). Control chunks are those chunks different from DATA.	Sum, nkcuavlbh, tot
sctp_sent_datagrams	nok_nkcu_tcpsctp_tab.xpvf0ehdmm2aicsd002uaxybdk	INTEGER	#	The number of SCTP packets sent. Retransmitted DATA chunks are included.	Sum, nkcuavlbh, tot
sctp_sent_fast_retransmissions	nok_nkcu_tcpsctp_tab.xpvf0endmm2aicsd002uaxybdk	INTEGER	#	The number of fast retransmitted SCTP chunks.	Sum, nkcuavlbh, tot
sctp_sent_retransmissions	nok_nkcu_tcpsctp_tab.xpvf0eldmm2aicsd002uaxybdk	INTEGER	#	The number of retransmitted SCTP chunks.	Sum, nkcuavlbh, tot
sctp_sent_window_probe	nok_nkcu_tcpsctp_tab.xpvf0epdmm2aicsd002uaxybdk	INTEGER	#	The number of SCTP chunks sent for window probes.	Sum, nkcuavlbh, tot

6.7.13 Computer_Unit.Nokia.UMTS.tcpip_measurement.tcp

TCPIP - TCP measurement statistics

KPI Name	Expression	Data Type	Units	Description	Aggregation
tcps_accepts	nok_nkcu_tcp_tab.sli2u46ahl26seccb00hw01qk4	INT8	#	TCP connection accepts. The number	Sum, nkcuavlbh

				of synchronize sequence numbers (SYN) received in LISTEN state.	, tot
tcps_badsyn	nok_nkcu_tcp_tab.sm0bmvdahl26seccb00hw01qk4	INT8	#	Bad TCP connection attempts. Received acknowledgements for which this entity has no synchronize sequence numbers (SYN) in compressed state.	Sum, nkcuavlbh, tot
tcps_closed	nok_nkcu_tcp_tab.slk2s0xahl26seccb00hw01qk4	INT8	#	Closed TCP connections. The number of closed connections. Includes the number of dropped connections TCPS_DROPS M563C104.	Sum, nkcuavlbh, tot
tcps_connattempt	nok_nkcu_tcp_tab.slh2r1dahl26seccb00hw01qk4	INT8	#	The number of sent TCP connection requests.	Sum, nkcuavlbh, tot
tcps_conndrops	nok_nkcu_tcp_tab.slm1jb6ahl26seccb00hw01qk4	INT8	#	Dropped embryonic TCP connections. The number of TCP connections that have been dropped before synchronize sequence number (SYN) is received.	Sum, nkcuavlbh, tot
tcps_connects	nok_nkcu_tcp_tab.slj1fupahl26seccb00hw01qk4	INT8	#	TCP connection established. The number of TCP connections that have been established (actively or passively), including accepted connections (TCPS_ACCEPTS M563C101).	Sum, nkcuavlbh, tot

tcps_delack	nok_nkcu_tcp_tab.smm0y4xahl26seccb00hw01qk4	INT8	#	Delayed ack-only TCP segments. The number of sent delayed ACK-only (acknowledgement-only) TCP segments.	Sum, nkcuavlbh, tot
tcps_drops	nok_nkcu_tcp_tab.sll1g42ahl26seccb00hw01qk4	INT8	#	Dropped TCP connections. The number of dropped TCP connections after synchronize sequence number (SYN) is received.	Sum, nkcuavlbh, tot
tcps_keepdrops	nok_nkcu_tcp_tab.slucu4lahl26seccb00hw01qk4	INT8	#	Dropped in keep-alive. The number of TCP connections dropped by the keep-alive timer, when the connection is in established or awaiting synchronize sequence numbers (SYN) state.	Sum, nkcuavlbh, tot
tcps_keepprobe	nok_nkcu_tcp_tab.slteeddahl26seccb00hw01qk4	INT8	#	Keep-alive probes sent.	Sum, nkcuavlbh, tot
tcps_keeptimeo	nok_nkcu_tcp_tab.slsd42lahl26seccb00hw01qk4	INT8	#	Keep timeout. The number of times when the keep-alive timer or connection-establishment timer expires.	Sum, nkcuavlbh, tot
tcps_noport	nok_nkcu_tcp_tab.slycdcpahl26seccb00hw01qk4	INT8	#	Dropped TCP packets. The number of discarded TCP segments that are dropped because no	Sum, nkcuavlbh, tot

				socket is available.	
tcps_pawsdrop	nok_nkcu_tcp_tab.sn2ekapahl26seccb00hw01qk4	INT8	#	TCP segments dropped because of PAWs. The number of TCP segments dropped because of PAWs (protection against wrapped sequence numbers).	Sum, nkcuavlbh, tot
tcps_pcbhashmiss	nok_nkcu_tcp_tab.slxcl1pahl26seccb00hw01qk4	INT8	#	PCB hash miss. The number of times when the protocol control block (PCB) cache comparison fails.	Sum, nkcuavlbh, tot
tcps_persisttimeo	nok_nkcu_tcp_tab.slrcf5hahl26seccb00hw01qk4	INT8	#	Persist timeouts. The number of times that the persist timer expires.	Sum, nkcuavlbh, tot
tcps_predack	nok_nkcu_tcp_tab.slvcld6ahl26seccb00hw01qk4	INT8	#	Prediction correct for ACKs. The number of times when the TCP segment header prediction is correct for ACKs (acknowledgements).	Sum, nkcuavlbh, tot
tcps_preddat	nok_nkcu_tcp_tab.slwccjhahl26seccb00hw01qk4	INT8	#	Prediction correct for TCP data packets. The number of times when the TCP segment header prediction is correct for the TCP data segments.	Sum, nkcuavlbh, tot
tcps_rcvackbyte	nok_nkcu_tcp_tab.smucgcpahl26seccb00hw01qk4	INT8	Byte	Received ACK TCP bytes. The number of received bytes acknowledged by received ACK (acknowledgement)	Sum, nkcuavlbh, tot

				TCP packets.	
tcps_rcvackpack	nok_nkcu_tcp_tab.smsb342ahl26seccb00hw01qk4	INT8	#	Received ACK (acknowledgement) TCP segments.	Sum, nkcuavlbh, tot
tcps_rcvacktoomuch	nok_nkcu_tcp_tab.smwexj2ahl26seccb00hw01qk4	INT8	#	Too many ACKs. The number of received ACKs (acknowledgements) for unsent TCP data.	Sum, nkcuavlbh, tot
tcps_rcvafterclose	nok_nkcu_tcp_tab.snfdgh2ahl26seccb00hw01qk4	INT8	#	TCP segments received after close. The number of segments received after the connection is closed.	Sum, nkcuavlbh, tot
tcps_rcvbadoff	nok_nkcu_tcp_tab.snhfsjpahl26seccb00hw01qk4	INT8	#	Received bad header offset TCP segments. Received TCP segments discarded because of invalid header offset fields or header length.	Sum, nkcuavlbh, tot
tcps_rcvbadsum	nok_nkcu_tcp_tab.sngebxtahl26seccb00hw01qk4	INT8	#	Received TCP segments with bad checksum. Received TCP segments discarded with checksum errors.	Sum, nkcuavlbh, tot
tcps_rcvbyteafterwin	nok_nkcu_tcp_tab.sncbu3pahl26seccb00hw01qk4	INT8	Byte	Received TCP bytes of data after window. The number of received bytes beyond the advertised window.	Sum, nkcuavlbh, tot
tcps_rcvbyte	nok_nkcu_tcp_tab.smygt1d	INT8	Byte	Received in-	Sum,

	ahl26seccb00hw01qk4			sequence TCP bytes. The number of bytes received in sequence.	nkcuavlbh, tot
tcps_rcvdupack	nok_nkcu_tcp_tab.smvdpol ahl26seccb00hw01qk4	INT8	#	Duplicated ACK TCP segments. The number of duplicated ACK (acknowledgement) segments received.	Sum, nkcuavlbh, tot
tcps_rcvdupbyte	nok_nkcu_tcp_tab.sn1g3vt ahl26seccb00hw01qk4	INT8	Byte	Received duplicate TCP bytes. The number of completely duplicated bytes received.	Sum, nkcuavlbh, tot
tcps_rcvduppack	nok_nkcu_tcp_tab.sn0ewc2 ahl26seccb00hw01qk4	INT8	#	Duplicate TCP segments. The number of completely duplicated segments received.	Sum, nkcuavlbh, tot
tcps_rcvoobyte	nok_nkcu_tcp_tab.sn6abyla hl26seccb00hw01qk4	INT8	Byte	Received out-of-order TCP bytes.	Sum, nkcuavlbh, tot
tcps_rcvoopack	nok_nkcu_tcp_tab.sn5b3nl ahl26seccb00hw01qk4	INT8	#	Received out-of-order TCP segments.	Sum, nkcuavlbh, tot
tcps_rcvpackafterwin	nok_nkcu_tcp_tab.snaara6a hl26seccb00hw01qk4	INT8	#	Received TCP segments of data after window. The number of received segments with data beyond the advertised window.	Sum, nkcuavlbh, tot
tcps_rcvpack	nok_nkcu_tcp_tab.smxffvta hl26seccb00hw01qk4	INT8	#	Received in-sequence TCP segments. The number of received segments in-sequence.	Sum, nkcuavlbh, tot

tcps_rcvpartdupbyte	nok_nkcu_tcp_tab.sn4dlv2ahl26seccb00hw01qk4	INT8	Byte	Received TCP bytes with partially duplicated data. The number of duplicate bytes in part-duplicate segments.	Sum, nkcuavlbh, tot
tcps_rcvpartduppack	nok_nkcu_tcp_tab.sn3cyp6ahl26seccb00hw01qk4	INT8	#	Received TCP segments with duplicated data.	Sum, nkcuavlbh, tot
tcps_rcvshort	nok_nkcu_tcp_tab.snifws2ahl26seccb00hw01qk4	INT8	#	Received too short TCP segments. Received TCP segments discarded because of the TCP segment is too short.	Sum, nkcuavlbh, tot
tcps_rcvtotal	nok_nkcu_tcp_tab.smrarixahl26seccb00hw01qk4	INT8	#	The total number of received TCP segments.	Sum, nkcuavlbh, tot
tcps_rcvwinprobe	nok_nkcu_tcp_tab.sndcsodahl26seccb00hw01qk4	INT8	#	Received TCP window probes. The number of window probe segments received.	Sum, nkcuavlbh, tot
tcps_rcvwinupd	nok_nkcu_tcp_tab.snebhmxahl26seccb00hw01qk4	INT8	#	Received window update TCP segments.	Sum, nkcuavlbh, tot
tcps_rexmttimeo	nok_nkcu_tcp_tab.slpc21hahl26seccb00hw01qk4	INT8	#	Retransmit timeouts.	Sum, nkcuavlbh, tot
tcps_rttupdated	nok_nkcu_tcp_tab.sln5qthahl26seccb00hw01qk4	INT8	#	RTT updates. The number of times when Round trip time (RTT) estimators are updated.	Sum, nkcuavlbh, tot
tcps_sc_aborted	nok_nkcu_tcp_tab.sm4c6dt	INT8	#	TCP segment SYN	Sum,

	ahl26seccb00hw01qk4			cache aborted. The number of TCP segment synchronize sequence numbers (SYN) caches aborted because of no space to build the protocol control block (PCB).	nkcuavlbh, tot
tcps_sc_added	nok_nkcu_tcp_tab.sm16fj2ahl26seccb00hw01qk4	INT8	#	TCP segment SYN cache entries added.	Sum, nkcuavlbh, tot
tcps_sc_bucketoverflow	nok_nkcu_tcp_tab.sma51nxahl26seccb00hw01qk4	INT8	#	TCP segment SYN cache dropped because of bucket overflow.	Sum, nkcuavlbh, tot
tcps_sc_collisions	nok_nkcu_tcp_tab.sm2bhy2ahl26seccb00hw01qk4	INT8	#	TCP segment SYN cache hash collisions.	Sum, nkcuavlbh, tot
tcps_sc_completed	nok_nkcu_tcp_tab.sm3ccdxahl26seccb00hw01qk4	INT8	#	TCP segment SYN cache completed.	Sum, nkcuavlbh, tot
tcps_sc_dropped	nok_nkcu_tcp_tab.sme3lypahl26seccb00hw01qk4	INT8	#	TCP segment SYNs dropped because of no route or no space.	Sum, nkcuavlbh, tot
tcps_sc_dupesyn	nok_nkcu_tcp_tab.smd6c0pahl26seccb00hw01qk4	INT8	#	Duplicate TCP segment SYNs received for entries already in the cache.	Sum, nkcuavlbh, tot
tcps_sc_overflowed	nok_nkcu_tcp_tab.sm6amq2ahl26seccb00hw01qk4	INT8	#	TCP segment SYN caches dropped because of overflow.	Sum, nkcuavlbh, tot
tcps_sc_reset	nok_nkcu_tcp_tab.smb51adahl26seccb00hw01qk4	INT8	#	TTCP segment SYN caches dropped because of RST.	Sum, nkcuavlbh, tot
tcps_sc_retransmitted	nok_nkcu_tcp_tab.smf1uphahl26seccb00hw01qk4	INT8	#	TCP segment SYNs and ACKs (acknowledgements) retransmitted.	Sum, nkcuavlbh, tot
tcps_sc_timed_out	nok_nkcu_tcp_tab.sm5cmr	INT8	#	TCP segment SYN	Sum,

	dahl26seccb00hw01qk4			cache timed out.	nkcuavlbh, tot
tcps_sc_unreach	nok_nkcu_tcp_tab.smc5rp2ahl26seccb00hw01qk4	INT8	#	TCP segment SYN cache dropped because ICMP is unreachable.	Sum, nkcuavlbh, tot
tcps_segstimed	nok_nkcu_tcp_tab.slocnxdahl26seccb00hw01qk4	INT8	#	Segments measure RTT. The number of segments for which TCP tried to measure Round trip time (RTT).	Sum, nkcuavlbh, tot
tcps_sndacks	nok_nkcu_tcp_tab.sml0aidahl26seccb00hw01qk4	INT8	#	Sent ACK-only TCP segments. The number of sent ACK-only (acknowledgement-only) TCP segments (data length = 0).	Sum, nkcuavlbh, tot
tcps_sndbyte	nok_nkcu_tcp_tab.smi4m16ahl26seccb00hw01qk4	INT8	Byte	Sent TCP data bytes.	Sum, nkcuavlbh, tot
tcps_sndctrl	nok_nkcu_tcp_tab.smqa0xpahl26seccb00hw01qk4	INT8	#	Control TCP segments. The number of sent control (SYN, FIN, RST) TCP segments (data length = 0).	Sum, nkcuavlbh, tot
tcps_sndpack	nok_nkcu_tcp_tab.smh3wv6ahl26seccb00hw01qk4	INT8	#	TCP data segments sent. The number of TCP segments sent (data length > 0).	Sum, nkcuavlbh, tot
tcps_sndprobe	nok_nkcu_tcp_tab.smo5oapahl26seccb00hw01qk4	INT8	#	TCP Window probes. The number of sent window probes. 1 byte of	Sum, nkcuavlbh, tot

				data forced by the persist timer.	
tcps_sndrexmitbyte	nok_nkcu_tcp_tab.smk013hahl26seccb00hw01qk4	INT8	Byte	Retransmitted TCP data bytes. The number of retransmitted TCP data bytes sent.	Sum, nkcuavlbh, tot
tcps_sndrexmitpack	nok_nkcu_tcp_tab.smj21nxahl26seccb00hw01qk4	INT8	#	Retransmitted TCP segments. The number of retransmitted TCP data segments sent.	Sum, nkcuavlbh, tot
tcps_sndtotal	nok_nkcu_tcp_tab.smg3gwhahl26seccb00hw01qk4	INT8	#	Total TCP segments sent. The total number of sent TCP segments.	Sum, nkcuavlbh, tot
tcps_sndurg	nok_nkcu_tcp_tab.smn5s3xahl26seccb00hw01qk4	INT8	#	URG only TCP segments. The number of TCP segments sent with Urgent Pointer (URG) only (data length = 0).	Sum, nkcuavlbh, tot
tcps_sndwinup	nok_nkcu_tcp_tab.smp6hc2ahl26seccb00hw01qk4	INT8	#	Window update TCP segments. The number of sent window update-only TCP segments (data length = 0).	Sum, nkcuavlbh, tot
tcps_timeoutdrop	nok_nkcu_tcp_tab.slqcah2ahl26seccb00hw01qk4	INT8	#	Timeout drops. The number of TCP connections dropped in retransmission timeout.	Sum, nkcuavlbh, tot
tot_tcp_tx_rx_bytes	{tot_tcps_sndbyte_sndrexmitbyte}+ {tot_tcps_rcvbyte_all}	INT8	#	Total number of TCP bytes send and received	Sum, nkcuavlbh, tot
tot_tcps_rcvbyte_all	{tcps_rcvackbyte} + {tcps_rcvbyte} + {tcps_rcvdupbyte} + {tcps_rcvpartdupbyte} +	INT8	Byte	Total received TCP data bytes	Sum, nkcuavlbh, tot

	{tcps_rcvoobyte} + {tcps_rcvbyteafterwin}				
tot_tcps_sndbyte_sndrexmitbyte	{tcps_sndbyte} + {tcps_sndrexmitbyte}	INT8	Byte	Total sent and retransmit data bytes	Sum, nkcuavlbh, tot

6.7.14 Computer_Unit.Nokia.UMTS.tcpip_measurement.udpv4

TCPIP - UDPv4 measurement statistics

KPI Name	Expression	Data Type	Units	Description	Aggregation
udps_badlen	nok_nkcu_tcpudp4_tab.snmmsl2ahl26seccb00hw01qk4	INT8	#	The number of received UPD datagrams not delivered to upper layers because the data is longer than the datagram itself.	Sum, nkcuavlbh, tot
udps_badsum	nok_nkcu_tcpudp4_tab.snnnkfpahl26seccb00hw01qk4	INT8	#	Bad checksum of the UDP datagram. The number of received UPD datagrams not delivered because of checksum errors.	Sum, nkcuavlbh, tot
udps_fullsock	nok_nkcu_tcpudp4_tab.snqmk56ahl26seccb00hw01qk4	INT8	#	UDP packets dropped because of full socket buffers. The number of received UDP datagrams not delivered because input socket buffers are full.	Sum, nkcuavlbh, tot
udps_hdrops	nok_nkcu_tcpudp4_tab.snlf6rlahl26seccb00hw01qk4	INT8	#	Incomplete UDP datagram header.	Sum, nkcuavlbh

				The number of received UDP datagrams not delivered because the datagram is shorter than the header.	, tot
udps_ipackets	nok_nkcu_tcpudp4_tab.snkflshahl26seccb00hw01qk4	INT8	#	Received UDP datagrams. The total number of received UDP datagrams delivered to UDP users.	Sum, nkcuavlbh, tot
udps_noportbcast	nok_nkcu_tcpudp4_tab.snpnnl6ahl26seccb00hw01qk4	INT8	#	Broadcast/multicast UPD datagrams with no port. The number of received broadcast/multicast UPD datagrams with no process on the destination port.	Sum, nkcuavlbh, tot
udps_noport	nok_nkcu_tcpudp4_tab.sononw3tahl26seccb00hw01qk4	INT8	#	Received UDP datagrams with no port. The number of received UDP datagrams with no process on the destination port.	Sum, nkcuavlbh, tot
udps_opackets	nok_nkcu_tcpudp4_tab.snso2ilahl26seccb00hw01qk4	INT8	#	UDP datagrams output. The total number of UDP datagrams sent.	Sum, nkcuavlbh, tot
udps_pcbhashmiss	nok_nkcu_tcpudp4_tab.snrnebxahl26seccb00hw01qk4	INT8	#	UDP datagram PCB hash misses. The number of UPD datagrams with Process Control Block (PCB) hash misses.	Sum, nkcuavlbh, tot

6.7.15 Computer_Unit.Nokia.UMTS.tcpip_measurement.udpv6

TCPIP - UDPv6 measurement statistics

KPI Name	Expression	Data Type	Units	Description	Aggregation
udp6s_badlen	nok_nkcu_tcpudp6_tab.snvnvfxahl26seccb00hw01qk4	INT8	#	Bad data length of a UDPv6 datagram. The number of received UPDv6 datagrams not delivered because the data is longer than the packet.	Sum, nkcuavlbh, tot
udp6s_badsum	nok_nkcu_tcpudp6_tab.snwnyhlahl26seccb00hw01qk4	INT8	#	Bad checksum of a UDPv6 datagram. The number of received UPDv6 datagrams not delivered because of checksum errors.	Sum, nkcuavlbh, tot
udp6s_fullsock	nok_nkcu_tcpudp6_tab.so1rf0tahl26seccb00hw01qk4	INT8	#	UDPv6 datagrams dropped because of full socket buffers. The number of received UDPv6 datagrams not delivered because input socket buffers are full.	Sum, nkcuavlbh, tot
udp6s_hdrops	nok_nkcu_tcpudp6_tab.snuphu6ahl26seccb00hw01qk4	INT8	#	Incomplete UDPv6 datagram header. The number of received UDPv6 datagrams not delivered because the packet is shorter than the header.	Sum, nkcuavlbh, tot
udp6s_ipackets	nok_nkcu_tcpudp6_tab.sntoiptahl26seccb00hw01qk4	INT8	#	Received UDPv6 datagrams. The total number of received UDP	Sum, nkcuavlbh, tot

				datagrams delivered to UDPv6 users.	
udp6s_noportmcast	nok_nkcu_tcpudp6_tab.so0qwd2ahl26seccb00hw01qk4	INT8	#	Multicast UPDv6 datagrams with no port. The number of received UPDv6 multicast/broadcast datagrams discarded because of no process on the destination port.	Sum, nkcuavlbh, tot
udp6s_noport	nok_nkcu_tcpudp6_tab.snypkadahl26seccb00hw01qk4	INT8	#	Received UDPv6 datagrams with no process on the destination port.	Sum, nkcuavlbh, tot
udp6s_nosum	nok_nkcu_tcpudp6_tab.snxoe0pahl26seccb00hw01qk4	INT8	#	Received UDPv6 datagrams without checksum.	Sum, nkcuavlbh, tot
udp6s_opackets	nok_nkcu_tcpudp6_tab.so3tg4tahl26seccb00hw01qk4	INT8	#	UDPv6 datagrams output. Total number of UDPv6 datagrams sent.	Sum, nkcuavlbh, tot
udp6s_pcbcachemiss	nok_nkcu_tcpudp6_tab.so2sda6ahl26seccb00hw01qk4	INT8	#	UDPv6 PCB hash misses. The number of UPDv6 datagrams with Process Control Block (PCB) hash misses.	Sum, nkcuavlbh, tot

6.7.16 Computer_Unit.Nokia.UMTS.unit_load

Computer unit load statistics

KPI Name	Expression	Data Type	Units	Description	Aggregation
average_load	nok_nkcu_uload_tab.so4ur4lahl26seccb00hw01qk4	FLOAT	%	The Average Load for monitored computer unit. The value is the arithmetical average of samples	Average, avg, max, min, nkcuavlbh, tot

				taken from the processor load. The length of the sampling interval is 4 seconds.	
peak_load_date	nok_nkcu_uload_tab.so6xdstahl26seccb00hw01qk4	INTEGER	#	Peak Load date	Constant, avg, max, min, nkcuavlbh, tot
peak_load_time	nok_nkcu_uload_tab.soawjshahl26seccb00hw01qk4	INTEGER	#	Peak load time	Constant, avg, max, min, nkcuavlbh, tot
peak_load	nok_nkcu_uload_tab.so5w1hlahl26seccb00hw01qk4	FLOAT	%	The Peak Load of monitored computer unit.This is the highest recorded value of the processor load during a measurement period. The value is the average of the sampling interval. The length of the sampling interval is 4 seconds.	Constant, avg, max, min, nkcuavlbh, tot

6.8 DSP_Pool Performance Indicators

- DSP_Pool.Nokia.UMTS.dsp_resource_util

6.8.1 DSP_Pool.Nokia.UMTS.dsp_resource_util

DSP resource utilization statistics

KPI Name	Expression	Data Type	Units	Description	Aggregation
available_cap_on_ne	nok_nkrnc_dspresutil_tab.xw0rpr6dmm2aicsd002uaxybdk	FLOAT	%	The percentage of resources available in a service pool (or the total percentage of available shared TPG resources in the MGW).	Constant, avg, max, min, nkrttbh, tot
curr_res_alloc_on_ne	nok_nkrnc_dspresutil_tab.xw0rprddmm2aicsd002uaxybdk	INTEGER	#	The current number of resources allocated from a service pool.	Constant, avg, max, min, nkrttbh, tot
fail_alloc_dsp_on_ne	nok_nkrnc_dspresutil_tab.xw0rprjdmm2aicsd002uaxybdk	INTEGER	#	The number of times resource allocation failed due to lack of DSP resources in a service pool.	Sum, nkrttbh, tot
fail_alloc_ppc_on_ne	nok_nkrnc_dspresutil_tab.xw0rprldmm2aicsd002uaxybdk	INTEGER	#	The number of times resource allocation failed due to lack of shared TPG resources.	Sum, nkrttbh, tot
fail_modify_on_ne	nok_nkrnc_dspresutil_tab.xw0rprndmm2aicsd002uaxybdk	INTEGER	#	The number of times modification of a resource failed due to lack of DSP/ TPG resources.	Sum, nkrttbh, tot
lowest_cap_on_ne	nok_nkrnc_dspresutil_tab.xw0rprbdmm2aicsd002uaxybdk	FLOAT	%	The lowest measured percentage of resources available in a service pool (or the lowest measured percentage of total shared TPG resources in the MGW).	Minimum, avg, max, min, nkrttbh, tot

peak_res_alloc_on_ne	nok_nkrnc_dspresutil_tab.xw0rprfdmm2aicsd002uaxybdk	INTEGER	#	The peak number of resources allocated from a service pool.	Constant, avg, max, min, nkrttbh, tot
ser_pool_overflow_on_ne	nok_nkrnc_dspresutil_tab.xw0rprpdmm2aicsd002uaxybdk	INTEGER	#	The number of times a resource was allocated from a secondary pool instead of the primary pool.	Sum, nkrttbh, tot
succ_res_alloc_on_ne	nok_nkrnc_dspresutil_tab.xw0rprhdmm2aicsd002uaxybdk	INTEGER	#	The total cumulative number of the resources allocated from a service pool.	Sum, nkrttbh, tot

6.9 Ethernet_IF Performance Indicators

- Ethernet_IF.Nokia.UMTS.ethernet_if_perf

6.9.1 Ethernet_IF.Nokia.UMTS.ethernet_if_perf

Ethernet frames performance statistics

KPI Name	Expression	Data Type	Units	Description	Aggregation
ether_drop_events	nok_nketh_ifperf_tab.xpvf0h4dmm2aicsd002uaxybdk	INT8	#	The number of drop packet events.	Sum, nkrttbh, tot
ether_rx_1024_max_frame	nok_nketh_ifperf_tab.xpvf0fvdmm2aicsd002uaxybdk	INT8	#	The number of Ethernet frames received with a length between 1024 and the maximum number of bytes.	Sum, nkrttbh, tot

ether_rx_128_255_frame	nok_nketh_ifperf_tab.xpvf0fpdmm2aicsd002uaxybdk	INT8	#	The number of Ethernet frames received with a length between 128 and 255 bytes.	Sum, nkrttbh, tot
ether_rx_256_511_frame	nok_nketh_ifperf_tab.xpvf0frdmm2aicsd002uaxybdk	INT8	#	The number of Ethernet frames received with a length between 256 and 511 bytes.	Sum, nkrttbh, tot
ether_rx_512_1023_frame	nok_nketh_ifperf_tab.xpvf0ftdmm2aicsd002uaxybdk	INT8	#	The number of Ethernet frames received with a length between 512 and 1023 bytes.	Sum, nkrttbh, tot
ether_rx_64_frame	nok_nketh_ifperf_tab.xpvf0fldmm2aicsd002uaxybdk	INT8	#	The number of Ethernet frames received with a length of exactly 64 bytes.	Sum, nkrttbh, tot
ether_rx_65_127_frame	nok_nketh_ifperf_tab.xpvf0fndmm2aicsd002uaxybdk	INT8	#	The number of Ethernet frames received with a length between 65 and 127 bytes.	Sum, nkrttbh, tot
ether_rx_broadcast_frame	nok_nketh_ifperf_tab.xpvf0fhdmm2aicsd002uaxybdk	INT8	#	The number of Ethernet frames transmitted with broadcast address.	Sum, nkrttbh, tot
ether_rx_buffer_overflow	nok_nketh_ifperf_tab.xpvf0g6dmm2aicsd002uaxybdk	INT8	#	The number of Ethernet frames dropped due to RX buffer overflow.	Sum, nkrttbh, tot
ether_rx_crc_err	nok_nketh_ifperf_tab.xpvf0g4dmm2aicsd002uaxybdk	INT8	#	The number of Ethernet frames received that have a CRC error.	Sum, nkrttbh, tot
ether_rx_frame_alignment_err	nok_nketh_ifperf_tab.xpvf0fxdmm2aicsd002uaxybdk	INT8	#	The number of Ethernet frames that have an error which occurred because	Sum, nkrttbh, tot

				the frame does not end on a byte boundary are received.	
ether_rx_frame	nok_nketh_ifperf_tab.xpvf 0fbdmm2aicsd002uaxybdk	INT8	#	The total number of Ethernet frames received.	Sum, nkrttbh, tot
ether_rx_kilobyte	nok_nketh_ifperf_tab.xpvf 0fddmm2aicsd002uaxybdk	INT8	#	The total number of kilobytes received.	Sum, nkrttbh, tot
ether_rx_multicast_ frame	nok_nketh_ifperf_tab.xpvf 0ffdmm2aicsd002uaxybdk	INT8	#	The number of Ethernet frames transmitted with multicast address.	Sum, nkrttbh, tot
ether_rx_too_long_ frame	nok_nketh_ifperf_tab.xpvf 0g0dmm2aicsd002uaxybdk	INT8	#	The number of Ethernet frames received with a length greater than the maximum frame size.	Sum, nkrttbh, tot
ether_rx_too_short _frame	nok_nketh_ifperf_tab.xpvf 0g2dmm2aicsd002uaxybdk	INT8	#	The number of Ethernet frames received with a length of less than 64 bytes.	Sum, nkrttbh, tot
ether_rx_unicast_fr ame	nok_nketh_ifperf_tab.xpvf 0fjdmm2aicsd002uaxybdk	INT8	#	The number of Ethernet frames received with physical MAC address.	Sum, nkrttbh, tot
ether_rx_vlan_tagg ed	nok_nketh_ifperf_tab.xpvf 0gbdmm2aicsd002uaxybdk	INT8	#	The number of received packets that are VLAN tagged.	Sum, nkrttbh, tot
ether_tx_1024_max _frame	nok_nketh_ifperf_tab.xpvf 0gxdmm2aicsd002uaxybdk	INT8	#	The number of Ethernet frames	Sum, nkrttbh,

				transmitted with a length between 1024 and the maximum number of bytes.	tot
ether_tx_128_255_frame	nok_nketh_ifperf_tab.xpvf0grdmm2aicsd002uaxybdk	INT8	#	The number of Ethernet frames transmitted with a length between 128 and 255 bytes.	Sum, nkrttbh, tot
ether_tx_256_511_frame	nok_nketh_ifperf_tab.xpvf0gtdmm2aicsd002uaxybdk	INT8	#	The number of Ethernet frames transmitted with a length between 256 and 511 bytes.	Sum, nkrttbh, tot
ether_tx_512_1023_frame	nok_nketh_ifperf_tab.xpvf0gvdmm2aicsd002uaxybdk	INT8	#	The number of Ethernet frames transmitted with a length between 512 and 1023 bytes.	Sum, nkrttbh, tot
ether_tx_64_frame	nok_nketh_ifperf_tab.xpvf0gndmm2aicsd002uaxybdk	INT8	#	The number of Ethernet frames transmitted with a length of exactly 64 bytes.	Sum, nkrttbh, tot
ether_tx_65_127_frame	nok_nketh_ifperf_tab.xpvf0gpdmm2aicsd002uaxybdk	INT8	#	The number of Ethernet frames transmitted with a length between 65 and 127 bytes.	Sum, nkrttbh, tot
ether_tx_abort_for_coll	nok_nketh_ifperf_tab.xpvf0h0dmm2aicsd002uaxybdk	INT8	#	The number of Ethernet frames not transmitted - transmission is aborted after 16 collisions.	Sum, nkrttbh, tot
ether_tx_broadcast_frame	nok_nketh_ifperf_tab.xpvf0gjdmm2aicsd002uaxybdk	INT8	#	The number of Ethernet frames transmitted with broadcast address.	Sum, nkrttbh, tot
ether_tx_frame	nok_nketh_ifperf_tab.xpvf	INT8	#	The total number of	Sum,

	0gddmm2aicsd002uaxybdk			Ethernet frames transmitted.	nkrttbh, tot
ether_tx_kilobyte	nok_nketh_ifperf_tab.xpvf 0gfdmm2aicsd002uaxybdk	INT8	kByte	The total number of kilobytes transmitted.	Sum, nkrttbh, tot
ether_tx_late_coll	nok_nketh_ifperf_tab.xpvf 0h2dmm2aicsd002uaxybdk	INT8	#	The number of Ethernet frames that were dropped because of a late collision for Half-duplex mode are transmitted.	Sum, nkrttbh, tot
ether_tx_multicast_frame	nok_nketh_ifperf_tab.xpvf 0ghdmm2aicsd002uaxybdk	INT8	#	The number of Ethernet frames transmitted with multicast address.	Sum, nkrttbh, tot
ether_tx_unicast_frame	nok_nketh_ifperf_tab.xpvf 0gldmm2aicsd002uaxybdk	INT8	#	The number of Ethernet frames transmitted with physical MAC address.	Sum, nkrttbh, tot

6.10 Exchange_Terminal Performance Indicators

- Exchange_Terminal.Nokia.UMTS.crc_measurement
- Exchange_Terminal.Nokia.UMTS.disturbance_stats_limit
- Exchange_Terminal.Nokia.UMTS.frame_alignment_loss
- Exchange_Terminal.Nokia.UMTS.pdh_error_code

6.10.1 Exchange_Terminal.Nokia.UMTS.crc_measurement

CRC measurement statistics

KPI Name	Expression	Data Type	Units	Description	Aggregation
local_end_avail_ti	nok_crcmeas_tab.xjvheald	INTEG	#	CRC measurement:	Sum, tot

me	mm2aicsd002uaxybdk	ER		availability time at the local end, given in 1/100 seconds.	
local_end_bbe	nok_crcmeas_tab.xjvheaxd mm2aicsd002uaxybdk	FLOAT	%	CRC measurement: percentage of background block errors at the local end, given in 1/100 percents (the percentage value multiplied with 100).	Average, avg
local_end_degraded_minutes	nok_crcmeas_tab.xjvheapd mm2aicsd002uaxybdk	FLOAT	%	CRC measurement: percentage of degraded minutes at the local end, given in 1/100 percents (the percentage value multiplied with 100).	Average, avg
local_end_error_free_sec	nok_crcmeas_tab.xjvheatd mm2aicsd002uaxybdk	FLOAT	%	CRC measurement: percentage of error free seconds at the local end, given in 1/100 percents (the percentage value multiplied with 100).	Average, avg
local_end_errored_seconds	nok_crcmeas_tab.xjvheard mm2aicsd002uaxybdk	FLOAT	%	CRC measurement: percentage of errored seconds at the local end, given in 1/100 percents (the percentage value multiplied with 100).	Average, avg
local_end_ser_errored_sec	nok_crcmeas_tab.xjvheavd mm2aicsd002uaxybdk	FLOAT	%	CRC measurement: percentage of seriously errored seconds at the local end, given in 1/100 percents (the percentage value	Average, avg

				multiplied with 100).	
local_end_total_time	nok_crcmeas_tab.xjvheajdmm2aicsd002uaxybdk	INTEGER	#	CRC measurement: total time at the local end, given in 1/100 seconds.	Sum, tot
local_end_unavail_time	nok_crcmeas_tab.xjvheandmm2aicsd002uaxybdk	INTEGER	#	CRC measurement: unavailability time at the local end, given in 1/100 seconds.	Sum, tot
remote_end_avail_time	nok_crcmeas_tab.xjvheb2dmm2aicsd002uaxybdk	INTEGER	#	CRC measurement: availability time at the remote end, given in 1/100 seconds.	Sum, tot
remote_end_bbe	nok_crcmeas_tab.xjvhebhdmm2aicsd002uaxybdk	FLOAT	%	CRC measurement: percentage of background block errors at the remote end, given in 1/100 percents (the percentage value multiplied with 100).	Average, avg
remote_end_degraded_minutes	nok_crcmeas_tab.xjvheb6dmm2aicsd002uaxybdk	FLOAT	%	CRC measurement: percentage of degraded minutes at the remote end, given in 1/100 percents (the percentage value multiplied with 100).	Average, avg
remote_end_error_free_sec	nok_crcmeas_tab.xjvhebddmm2aicsd002uaxybdk	FLOAT	%	CRC measurement: percentage of error free seconds at the	Average, avg

This edition applies to IBM® Tivoli® Netcool® Performance Manager for Wireless and to all subsequent releases and modifications until otherwise indicated in new editions.

				remote end, given in 1/100 percents (the percentage value multiplied with 100).	
remote_end_errored_seconds	nok_crcmeas_tab.xjvhebbdmm2aicsd002uaxybdk	FLOAT	%	CRC measurement: percentage of errored seconds at the remote end, given in 1/100 percents (the percentage value multiplied with 100).	Average, avg
remote_end_ser_errored_sec	nok_crcmeas_tab.xjvhebfdmm2aicsd002uaxybdk	FLOAT	%	CRC measurement: percentage of seriously errored seconds at the remote end, given in 1/100 percents (the percentage value multiplied with 100).	Average, avg
remote_end_total_time	nok_crcmeas_tab.xjvheb0dmm2aicsd002uaxybdk	INTEGER	#	CRC measurement: total time at the remote end, given in 1/100 seconds.	Sum, tot
remote_end_unavail_time	nok_crcmeas_tab.xjvheb4dmm2aicsd002uaxybdk	INTEGER	#	CRC measurement: unavailability time at the remote end, given in 1/100 seconds.	Sum, tot

6.10.2 Exchange_Terminal.Nokia.UMTS.disturbance_stats_limit

Disturbance measurement statistics

KPI Name	Expression	Data Type	Units	Description	Aggregation
ais_received_ctr_1	nok_diststatlim_tab.xjvhe66dmm2aicsd002uaxybdk	INTEGER	#	The number of 'AIS received' disturbances of	Sum, tot

				group 1. Disturbances are divided into four groups according to the duration of the disturbance. The disturbance limits are defined in the M145B2C6-M145B2C12 fields.	
ais_received_ctr_2	nok_diststatlim_tab.xjvhe6bdmm2aicsd002uaxybdk	INTEGER	#	The number of 'AIS received' disturbances of group 2. Disturbances are divided into four groups according to the duration of the disturbance. The disturbance limits are defined in the M145B2C6-M145B2C12 fields.	Sum, tot
ais_received_ctr_3	nok_diststatlim_tab.xjvhe6ddmm2aicsd002uaxybdk	INTEGER	#	The number of 'AIS received' disturbances of group 3. Disturbances are divided into four groups according to the duration of the disturbance. The disturbance limits are defined in the M145B2C6-M145B2C12 fields.	Sum, tot
ais_received_ctr_4	nok_diststatlim_tab.xjvhe6fdmm2aicsd002uaxybdk	INTEGER	#	The number of 'AIS received' disturbances of	Sum, tot

				group 4. Disturbances are divided into four groups according to the duration of the disturbance. The disturbance limits are defined in the M145B2C6-M145B2C12 fields.	
disturb_ctr_1_lower_limit	nok_diststatlim_tab.xjvhe5bdmm2aicsd002uaxybdk	INTEGER	#	The limits for statistics counters of disturbances. The disturbances are recorded according to the duration of the disturbance. This field indicates the limits expressed in milliseconds.	Sum, tot
disturb_ctr_1_upper_limit	nok_diststatlim_tab.xjvhe5ddmm2aicsd002uaxybdk	INTEGER	#	The limits for statistics counters of disturbances. The disturbances are recorded according to the duration of the disturbance. This field indicates the limits expressed in milliseconds.	Sum, tot
disturb_ctr_2_lower_limit	nok_diststatlim_tab.xjvhe5fdmm2aicsd002uaxybdk	INTEGER	#	The limits for statistics counters of disturbances. The disturbances are recorded according to the duration of the disturbance. This field indicates the limits expressed in milliseconds.	Sum, tot

disturb_ctr_2_upper_limit	nok_diststatlim_tab.xjvhe5hdmm2aicsd002uaxybdk	INTEGER	#	The limits for statistics counters of disturbances. The disturbances are recorded according to the duration of the disturbance. This field indicates the limits expressed in milliseconds.	Sum, tot
disturb_ctr_3_lower_limit	nok_diststatlim_tab.xjvhe5jdmm2aicsd002uaxybdk	INTEGER	#	The limits for statistics counters of disturbances. The disturbances are recorded according to the duration of the disturbance. This field indicates the limits expressed in milliseconds.	Sum, tot
disturb_ctr_3_upper_limit	nok_diststatlim_tab.xjvhe5ldmm2aicsd002uaxybdk	INTEGER	#	The limits for statistics counters of disturbances. The disturbances are recorded according to the duration of the disturbance. This field indicates the limits expressed in milliseconds.	Sum, tot
disturb_ctr_4_lower_limit	nok_diststatlim_tab.xjvhe5ndmm2aicsd002uaxybdk	INTEGER	#	The limits for statistics counters of disturbances. The disturbances are recorded according to the	Sum, tot

				duration of the disturbance. This field indicates the limits expressed in milliseconds.	
frame_alignment_lost_ctr_1	nok_diststatlim_tab.xjvhe5xdmm2aicsd002uaxybdk	INTEGER	#	The number of 'frame alignment signal lost' disturbances of group 1. Disturbances are divided into four groups according to the duration of the disturbance. The disturbance limits are defined in the M145B2C6-M145B2C12 fields.	Sum, tot
frame_alignment_lost_ctr_2	nok_diststatlim_tab.xjvhe60dmm2aicsd002uaxybdk	INTEGER	#	The number of 'frame alignment signal lost' disturbances of group 2. Disturbances are divided into four groups according to the duration of the disturbance. The disturbance limits are defined in the M145B2C6-M145B2C12 fields.	Sum, tot
frame_alignment_lost_ctr_3	nok_diststatlim_tab.xjvhe62dmm2aicsd002uaxybdk	INTEGER	#	The number of 'frame alignment signal lost' disturbances of group 3. Disturbances are divided into four groups according to the duration of the disturbance. The disturbance limits	Sum, tot

				are defined in the M145B2C6-M145B2C12 fields.	
frame_alignment_lost_ctr_4	nok_diststatlim_tab.xjvhe64dmm2aicsd002uaxybdk	INTEGER	#	The number of 'frame alignment signal lost' disturbances of group 4. Disturbances are divided into four groups according to the duration of the disturbance. The disturbance limits are defined in the M145B2C6-M145B2C12 fields.	Sum, tot
in_signal_missing_ctr_1	nok_diststatlim_tab.xjvhe5pdmm2aicsd002uaxybdk	INTEGER	#	The number of 'incoming signal missing' disturbances of group 1. Disturbances are divided into four groups according to the duration of the disturbance. The disturbance limits are defined in the M145B2C6-M145B2C12 fields.	Sum, tot
in_signal_missing_ctr_2	nok_diststatlim_tab.xjvhe5rdmm2aicsd002uaxybdk	INTEGER	#	The number of 'incoming signal missing' disturbances of group 2. Disturbances are divided into four groups according to	Sum, tot

This edition applies to IBM® Tivoli® Netcool® Performance Manager for Wireless and to all subsequent releases and modifications until otherwise indicated in new editions.

				the duration of the disturbance. The disturbance limits are defined in the M145B2C6-M145B2C12 fields.	
in_signal_missing_ctr_3	nok_diststatlim_tab.xjvhe5tdmm2aicsd002uaxybdk	INTEGER	#	The number of 'incoming signal missing' disturbances of group 3. Disturbances are divided into four groups according to the duration of the disturbance. The disturbance limits are defined in the M145B2C6-M145B2C12 fields.	Sum, tot
in_signal_missing_ctr_4	nok_diststatlim_tab.xjvhe5vdmm2aicsd002uaxybdk	INTEGER	#	The number of 'incoming signal missing' disturbances of group 4. Disturbances are divided into four groups according to the duration of the disturbance. The disturbance limits are defined in the M145B2C6-M145B2C12 fields.	Sum, tot
remote_end_alarm_ctr_1	nok_diststatlim_tab.xjvhe6hdmm2aicsd002uaxybdk	INTEGER	#	The number of 'remote end alarm' disturbances of group 1. Disturbances are divided into four groups according to the duration of the disturbance. The disturbance limits	Sum, tot

				are defined in the M145B2C6-M145B2C12 fields.	
remote_end_alarm_ctr_2	nok_diststatlim_tab.xjvhe6jdmm2aicsd002uaxybdk	INTEGER	#	The number of 'remote end alarm' disturbances of group 2. Disturbances are divided into four groups according to the duration of the disturbance. The disturbance limits are defined in the M145B2C6-M145B2C12 fields.	Sum, tot
remote_end_alarm_ctr_3	nok_diststatlim_tab.xjvhe6ldmm2aicsd002uaxybdk	INTEGER	#	The number of 'remote end alarm' disturbances of group 3. Disturbances are divided into four groups according to the duration of the disturbance. The disturbance limits are defined in the M145B2C6-M145B2C12 fields.	Sum, tot
remote_end_alarm_ctr_4	nok_diststatlim_tab.xjvhe6ndmm2aicsd002uaxybdk	INTEGER	#	The number of 'remote end alarm' disturbances of group 4. Disturbances are divided into four groups according to the duration of the disturbance. The disturbance limits	Sum, tot

				are defined in the M145B2C6-M145B2C12 fields.	

6.10.3 Exchange_Terminal.Nokia.UMTS.frame_alignment_loss

Frame alignment statistics

KPI Name	Expression	Data Type	Units	Description	Aggregation
fra_ctr_1_lower_limit	nok_framalignloss_tab.xjvhe6pdmm2aicsd002uaxybdk	INTEGER	#	Limits for the statistics counters of frame alignment loss. The bit error ratio is based on the erroneous frame alignment signals received during five seconds. The field indicates the counter limits (errors/5 seconds).	Sum, tot
fra_ctr_1_upper_limit	nok_framalignloss_tab.xjvhe6rdmm2aicsd002uaxybdk	INTEGER	#	Limits for the statistics counters of frame alignment loss. The bit error ratio is based on the erroneous frame alignment signals received during five seconds. The field indicates the counter limits (errors/5 seconds).	Sum, tot
fra_ctr_2_lower_limit	nok_framalignloss_tab.xjvhe6tdmm2aicsd002uaxybdk	INTEGER	#	Limits for the statistics counters of frame alignment loss. The bit error ratio is based on the erroneous frame alignment signals received during five seconds. The field indicates the	Sum, tot

				counter limits (errors/5 seconds).	
fra_ctr_2_upper_limit	nok_framalignloss_tab.xjvhe6vdmm2aicsd002uaxybdk	INTEGER	#	Limits for the statistics counters of frame alignment loss. The bit error ratio is based on the erroneous frame alignment signals received during five seconds. The field indicates the counter limits (errors/5 seconds).	Sum, tot
fra_ctr_3_lower_limit	nok_framalignloss_tab.xjvhe6xdmm2aicsd002uaxybdk	INTEGER	#	Limits for the statistics counters of frame alignment loss. The bit error ratio is based on the erroneous frame alignment signals received during five seconds. The field indicates the counter limits (errors/5 seconds).	Sum, tot
fra_ctr_3_upper_limit	nok_framalignloss_tab.xjvhea0dmm2aicsd002uaxybdk	INTEGER	#	Limits for the statistics counters of frame alignment loss. The bit error ratio is based on the erroneous frame alignment signals received during five seconds. The field indicates the counter limits (errors/5 seconds).	Sum, tot

This edition applies to IBM® Tivoli® Netcool® Performance Manager for Wireless and to all subsequent releases and modifications until otherwise indicated in new editions.

fra_ctr_4_lower_limit	nok_framalignloss_tab.xjvhea2dmm2aicsd002uaxybdk	INTEGER	#	Limits for the statistics counters of frame alignment loss. The bit error ratio is based on the erroneous frame alignment signals received during five seconds. The field indicates the counter limits (errors/5 seconds).	Sum, tot
frame_alignment_error_ctr_1	nok_framalignloss_tab.xjvhea4dmm2aicsd002uaxybdk	INTEGER	#	Counter 1 for frame alignment errors. The errors are counted using four counters depending on the number of errors within five seconds. The error limits are defined in the M145B2C49-M145B2C55 fields.	Sum, tot
frame_alignment_error_ctr_2	nok_framalignloss_tab.xjvhea6dmm2aicsd002uaxybdk	INTEGER	#	Counter 2 for frame alignment errors. The errors are counted using four counters depending on the number of errors within five seconds. The error limits are defined in the M145B2C49-M145B2C55 fields.	Sum, tot
frame_alignment_error_ctr_3	nok_framalignloss_tab.xjvheabdmm2aicsd002uaxybdk	INTEGER	#	Counter 3 for frame alignment errors. The errors are counted using four counters depending on the number of errors within five seconds. The error limits are defined in the M145B2C49-	Sum, tot

				M145B2C55 fields.	
frame_alignment_error_ctr_4	nok_framalignloss_tab.xjvheaddmm2aicsd002uaxybdk	INTEGER	#	Counter 4 for frame alignment errors. The errors are counted using four counters depending on the number of errors within five seconds. The error limits are defined in the M145B2C49-M145B2C55 fields.	Sum, tot
negative_slips	nok_framalignloss_tab.xjvheafdmm2aicsd002uaxybdk	INTEGER	#	The counter value for negative slips.	Sum, tot
positive_slips	nok_framalignloss_tab.xjvheahdmm2aicsd002uaxybdk	INTEGER	#	The counter value for positive slips.	Sum, tot

6.10.4 Exchange_Terminal.Nokia.UMTS.pdh_error_code

PDH error code statistics

KPI Name	Expression	Data Type	Units	Description	Aggregation
crc_error_code	nok_pdherrcod_tab.xjvhe56dmm2aicsd002uaxybdk	FLOAT	#	Error code concerning the CRC counters. Zero value means a successful report, non-zero value indicates that no CRC counters are present. The value is a general DX error code in decimal format.	Constant, avg, max, min, tot
dist_error_code	nok_pdherrcod_tab.xjvhe50dmm2aicsd002uaxybdk	FLOAT	#	Error code concerning the short	Constant, avg, max,

				disturbances counters. Zero value means a successful report, non-zero value indicates that no disturbance counters are present. The value is a general DX error code in decimal format.	min, tot
fra_error_code	nok_pdherrcod_tab.xjvhe52dmm2aicsd002uaxybdk	FLOAT	#	Error code concerning the frame alignment error counters. Zero value means a successful report, non-zero value indicates that no frame alignment counters are present. The value is a general DX error code in decimal format.	Constant, avg, max, min, tot
slip_error_code	nok_pdherrcod_tab.xjvhe54dmm2aicsd002uaxybdk	FLOAT	#	Error code concerning the slip counters. Zero value means a successful report, non-zero value indicates that no slip counters are present. The value is a general DX error code in decimal format.	Constant, avg, max, min, tot
total_error_code	nok_pdherrcod_tab.xjvhe4xdmm2aicsd002uaxybdk	FLOAT	#	Error code concerning the whole report. Zero value means a successful report, non-zero value	Constant, avg, max, min, tot

				indicates that no counters are present. The value is a general DX error code in decimal format.	

6.11 FTM_AAL2 Performance Indicators

- FTM_AAL2.Nokia.UMTS.aal2_priority_queue_bts

6.11.1 FTM_AAL2.Nokia.UMTS.aal2_priority_queue_bts

AAL2 prioritisation queue statistics

KPI Name	Expression	Data Type	Units	Description	Aggregation
avg_aal2_buff_delay_pri_q_1	nok_nkcel_aa2pquebts_tab.y34uvgfdmm2aicsd002uaxybdk	INTEGER	ms	Average buffering delay per AAL2 prioritisation queue.	Average, avg, max, min, nkrttbh, tot
avg_aal2_buff_delay_pri_q_2	nok_nkcel_aa2pquebts_tab.y34uvghdmm2aicsd002uaxybdk	INTEGER	ms	Average buffering delay per AAL2 prioritisation queue.	Average, avg, max, min, nkrttbh, tot
avg_aal2_buff_delay_pri_q_3	nok_nkcel_aa2pquebts_tab.y34uvgjdmm2aicsd002uaxybdk	INTEGER	ms	Average buffering delay per AAL2 prioritisation queue.	Average, avg, max, min, nkrttbh, tot
avg_aal2_buff_delay_pri_q_4	nok_nkcel_aa2pquebts_tab.y34uvgldmm2aicsd002uaxybdk	INTEGER	ms	Average buffering delay per AAL2 prioritisation queue.	Average, avg, max, min, nkrttbh, tot

drop_byte_aal2_pri_overf_q_1	nok_nkcel_aa2pquebts_tab.y34uvg4dmm2aicsd002uaxybdk	INTEGER	kbyte	Number of bytes in dropped UDP packets due to uplink AAL2 prioritisation queue buffer overflow inside VCC.	Sum, nkrttbh, tot
drop_byte_aal2_pri_overf_q_2	nok_nkcel_aa2pquebts_tab.y34uvg6dmm2aicsd002uaxybdk	INTEGER	kbyte	Number of bytes in dropped UDP packets due to uplink AAL2 prioritisation queue buffer overflow inside VCC.	Sum, nkrttbh, tot
drop_byte_aal2_pri_overf_q_3	nok_nkcel_aa2pquebts_tab.y34uvgbdmm2aicsd002uaxybdk	INTEGER	kbyte	Number of bytes in dropped UDP packets due to uplink AAL2 prioritisation queue buffer overflow inside VCC.	Sum, nkrttbh, tot
drop_byte_aal2_pri_overf_q_4	nok_nkcel_aa2pquebts_tab.y34uvgddmm2aicsd002uaxybdk	INTEGER	kbyte	Number of bytes in dropped UDP packets due to uplink AAL2 prioritisation queue buffer overflow inside VCC.	Sum, nkrttbh, tot
max_aal2_buff_delay_pri_q_1	nok_nkcel_aa2pquebts_tab.y34uvgndmm2aicsd002uaxybdk	INTEGER	ms	Maximum buffering delay per AAL2 prioritisation queue.	Constant, avg, max, min, nkrttbh, tot
max_aal2_buff_delay_pri_q_2	nok_nkcel_aa2pquebts_tab.y34uvgpdmm2aicsd002uaxybdk	INTEGER	ms	Maximum buffering delay per AAL2 prioritisation queue.	Constant, avg, max, min, nkrttbh, tot
max_aal2_buff_delay_pri_q_3	nok_nkcel_aa2pquebts_tab.y34uvgrdmm2aicsd002uaxybdk	INTEGER	ms	Maximum buffering delay per AAL2 prioritisation queue.	Constant, avg, max, min, nkrttbh,

					tot
max_aal2_buff_delay_pri_q_4	nok_nkcel_aa2pquebts_tab.y34uvgtdmm2aicsd002uaxybdk	INTEGER	ms	Maximum buffering delay per AAL2 prioritisation queue.	Constant, avg, max, min, nkrttbh, tot

6.12 FTM_ATM_IF Performance Indicators

- FTM_ATM_IF.Nokia.UMTS.interface_measurement

6.12.1 FTM_ATM_IF.Nokia.UMTS.interface_measurement

FTM ATM interface statistics.

KPI Name	Expression	Data Type	Units	Description	Aggregation
discarded_cells_due_to_hec	nok_nkftmatm_ifmeas_tab.ugpugvd1im2ahsxr0035xkcuai	INT8	Cells	Count of incoming ATM cells discarded due to a Header Error Check (HEC) violation. For the FTOA (the SDH/ Sonet transport sub-module) this counter counts noncorrectable AND correctable HEC errors together.	Sum, nkrttbh, tot
disccells	nok_nkftmatm_ifmeas_tab.ugpugvf1im2ahsxr0035xkcuai	INT8	Cells	The number of incoming ATM cells, which have been discarded due to protocol errors (e.g. illegal VPI/VCI value).	Sum, nkrttbh, tot

totcbrcellsegress	nok_nkftmatm_ifmeas_tab.ugpugvj1im2ahsxr0035xkcuai	INT8	Cells	Total number of cells with Service Category CBR transmitted from ATM interface.	Sum, nkrttbh, tot
totcbrcellsingress	nok_nkftmatm_ifmeas_tab.ugpugvh1im2ahsxr0035xkcuai	INT8	Cells	Total number of cells with service category CBR received at the ATM interface.	Sum, nkrttbh, tot
totcellsegress	nok_nkftmatm_ifmeas_tab.ugpugv61im2ahsxr0035xkcuai	INT8	Cells	Total number of cells transmitted on an ATM interface.	Sum, nkrttbh, tot
totcellsingress	nok_nkftmatm_ifmeas_tab.ugpugv41im2ahsxr0035xkcuai	INT8	Cells	Total number of cells received on an ATM interface.	Sum, nkrttbh, tot
totubrcellsegress	nok_nkftmatm_ifmeas_tab.ugpugvn1im2ahsxr0035xkcuai	INT8	Cells	Total number of cells with service category UBR transmitted from the ATM interface.	Sum, nkrttbh, tot
totubrcellsingress	nok_nkftmatm_ifmeas_tab.ugpugvl1im2ahsxr0035xkcuai	INT8	Cells	Total number of cells with service category UBR received at the ATM interface.	Sum, nkrttbh, tot
unavailable_seconds_on_atm_interface	nok_nkftmatm_ifmeas_tab.ugpugvb1im2ahsxr0035xkcuai	INTEGER	Sec	Unavailable Seconds (UAS) are calculated by counting the number of seconds for which the ATM interface is unavailable.	Sum, nkrttbh, tot

6.13 FTM_ATM_VC Performance Indicators

- FTM_ATM_VC.Nokia.UMTS.interface_measurement

6.13.1 FTM_ATM_VC.Nokia.UMTS.interface_measurement

FTM ATM virtual channel (VC) statistics.

KPI Name	Expression	Data Type	Units	Description	Aggregation
totcellsegressvc	nok_nkif_measatmvc_tab.ugpuh4j1im2ahsxr0035xkcuai	INT8	Cells	Total number of ATM cells transmitted (CLP0 and 1) at a ATM Virtual Channel (VC).	Sum, nkrttbh, tot
totcellsingressvc	nok_nkif_measatmvc_tab.ugpuh4h1im2ahsxr0035xkcuai	INT8	Cells	Total number of ATM cells received (CLP0 and 1) at a ATM Virtual Channel (VC).	Sum, nkrttbh, tot

6.14 FTM_ATM_VP Performance Indicators

- FTM_ATM_VP.Nokia.UMTS.interface_measurement

6.14.1 FTM_ATM_VP.Nokia.UMTS.interface_measurement

FTM ATM virtual path (VP) statistics.

KPI Name	Expression	Data Type	Units	Description	Aggregation
totcellsegressvp	nok_nkif_measatmvp_tab.ugpuh4f1im2ahsxr0035xkcuai	INT8	Cells	Total number of cells transmitted (CLP0 and 1) at a ATM Virtual Path (VP).	Sum, nkrttbh, tot
totcellsingressvp	nok_nkif_measatmvp_tab.ugpuh4d1im2ahsxr0035xkcuai	INT8	Cells	Total number of ATM cells received (CLP0 and 1) at a	Sum, nkrttbh, tot

				ATM Virtual Path (VP)	

6.15 FTM_Ethernet_Link Performance Indicators

- FTM_Ethernet_Link.Nokia.UMTS.interface_measurement

6.15.1 FTM_Ethernet_Link.Nokia.UMTS.interface_measurement

FTM ethernet interface statistics.

KPI Name	Expression	Data Type	Units	Description	Aggregation
ethifinocts_15	nok_nkif_measether_tab.ugpuh3p1im2ahsxr0035xkcuai	INT8	Octets	Number of octets in valid frames received on the interface.	Sum, nkrttbh, tot
ethifinpkt_15	nok_nkif_measether_tab.ugpuh3t1im2ahsxr0035xkcuai	INT8	Packets	Number of received Ethernet packets on the interface (errored and non-errored).	Sum, nkrttbh, tot
ethifinpkterr_15	nok_nkif_measether_tab.ugpuh3x1im2ahsxr0035xkcuai	INT8	Packets	Number of received Ethernet packets with FCS errors.	Sum, nkrttbh, tot
ethifinunknownvlan_15	nok_nkif_measether_tab.ugpuh421im2ahsxr0035xkcuai	INT8	Packets	Number of received Ethernet packets with unknown VLAN ID.	Sum, nkrttbh, tot
ethifoutdiscshaping_15	nok_nkif_measether_tab.ugpuh401im2ahsxr0035xkcuai	INT8	Packets	Number of Ethernet TX packets that are discarded due to rate shaping.	Sum, nkrttbh, tot
ethifoutocts_15	nok_nkif_measether_tab.ugpuh3r1im2ahsxr0035xkcuai	INT8	Octets	Number of octets in valid frames transmitted on the interface	Sum, nkrttbh, tot

ethifoutpkt_15	nok_nkif_measether_tab.ugpuh3v1im2ahsxr0035xkcuai	INT8	Packets	Number of transmitted Ethernet packets on the interface.	Sum, nkrttbh, tot
ethifses_15	nok_nkif_measether_tab.ugpuh4b1im2ahsxr0035xkcuai	INTEGER	Sec	Severely Errored Seconds (SES): Counts the number of seconds which contain a defect. Defect: LOS on Ethernet interface. SES are not incremented during Unavailable Seconds (UAS). Standard: [G.826].	Sum, nkrttbh, tot
ethifuas_15	nok_nkif_measether_tab.ugpuh461im2ahsxr0035xkcuai	INTEGER	Sec	Unavailable Seconds (UAS): Counts the number of seconds for which the interface is unavailable. The interface is defined unavailable from either the beginning of: 1. 10 contiguous SES, and/ or 2. a defect. An interface is available again after a 10 second absence of all defects and SES. While the interface is unavailable, the only count that is incremented is UAS. Defect: LOS on Ethernet interface only.	Sum, nkrttbh, tot

This edition applies to IBM® Tivoli® Netcool® Performance Manager for Wireless and to all subsequent releases and modifications until otherwise indicated in new editions.

				Standard: [G.826].	
ethunknownpsnhdr_15	nok_nkif_measether_tab.ugpuh441im2ahsxr0035xkcuai	INT8	Frames	The number of Ethernet frames received whose PSN header is not configured or has a reserved value.	Sum, nkrttbh, tot

6.16 FTM_IP Performance Indicators

- FTM_IP.Nokia.UMTS.ftm_ip_stats
- FTM_IP.Nokia.UMTS.ftm_timing

6.16.1 FTM_IP.Nokia.UMTS.ftm_ip_stats

FTM IP statistics

KPI Name	Expression	Data Type	Units	Description	Aggregation
ifinerrors15	nok_nkftmip_stats_tab.y34uvhhdmm2aicsd002uaxybdk	INT8	Packets	The number of inbound packets that contained errors preventing them from being deliverable to a higher-layer protocol.	Sum, nkrttbh, tot
ifinoctets15	nok_nkftmip_stats_tab.y34uvhbdmm2aicsd002uaxybdk	INT8	kByte	The total number of octects received by the interface, including framing characters.	Sum, nkrttbh, tot
ifinpackets15	nok_nkftmip_stats_tab.y34uvh6dmm2aicsd002uaxybdk	INT8	Packets	The number of inbound packets that were delivered to higher-layer protocols.	Sum, nkrttbh, tot
ifoutoctets15	nok_nkftmip_stats_tab.y34uvhfdmm2aicsd002uaxybdk	INT8	kByte	The total number of octets transmitted by the interface, including framing	Sum, nkrttbh, tot

				characters.	
ifoutpackets15	nok_nkftmip_stats_tab.y34uvhddmm2aicsd002uaxybdk	INT8	Packets	The number of outbound packets that were successfully transmitted.	Sum, nkrttbh, tot

6.16.2 FTM_IP.Nokia.UMTS.ftm_timing

Timing over packet service statistics

KPI Name	Expression	Data Type	Units	Description	Aggregation
topavephaseerror15	nok_nkftm_tim_tab.y34uvh0dmm2aicsd002uaxybdk	INTEGER	ms	The average value of the timing over packet service phase error in microseconds during the interval.	Average, avg, max, min, nkrttbh, tot
topmaxphaseerror15	nok_nkftm_tim_tab.y34uvh2dmm2aicsd002uaxybdk	INTEGER	ms	The maximum value of the timing over packet service phase error in microseconds during the interval.	Constant, avg, max, min, nkrttbh, tot
topminphaseerror15	nok_nkftm_tim_tab.y34uvgxdmm2aicsd002uaxybdk	INTEGER	ms	The minimum value of the timing over packet service phase error in microseconds during the interval.	Minimum, avg, max, min, nkrttbh, tot
toprxsyncmsg15	nok_nkftm_tim_tab.y34uvh4dmm2aicsd002uaxybdk	INTEGER	Packets	The number of received ToP event messages. Event messages are time stamped and used for clock recovery.	Sum, nkrttbh, tot

topsls15	nok_nkftm_tim_tab.y34uvgvdmm2aicsd002uaxybdk	INTEGER	Sec	The number of seconds during this interval while the timing over packet service was in synchronous state.	Sum, nkrttbh, tot

6.17 FTM_PDH_IF Performance Indicators

- FTM_PDH_IF.Nokia.UMTS.interface_measurement

6.17.1 FTM_PDH_IF.Nokia.UMTS.interface_measurement

FTM PDH connection interface statistics.

KPI Name	Expression	Data Type	Units	Description	Aggregation
background_block_errors	nok_nkftmppt_ifmeas_tab.ugpugv21im2ahsxr0035xkcuai	INTEGER	Sec	Background Block Errors (BBE): counts the number of errored blocks. Errored block is a block in which one or more bits are corrupted. Corruption is detected by inspecting the CRC information and/or the Frame Alignment Signal (FAS). Does not count during during SES or UAS.	Sum, nkrttbh, tot
errored_seconds	nok_nkftmppt_ifmeas_tab.ugpugux1im2ahsxr0035xkcuai	INTEGER	Sec	Errored Seconds (ES): counts the number of seconds with one or more errored blocks or at least one defect. Errored block is a block in which one ore more bits are	Sum, nkrttbh, tot

				corrupted. Defect: LOS, LOF, AIS. ES are not incremented during Unavailable Seconds (UAS).	
severely_errored_seconds	nok_nkftmppt_ifmeas_tab.ugpugv01im2ahsxr0035xkcuai	INTEGER	Sec	Severely Errored Seconds (SES): counts the number of seconds which contain at least 30% errored blocks or at least one defect. Defect: LOS, LOF, AIS. SES is a subset of ES. Errored block: A block in which one ore more bits are corrupted. SES are not incremented during Unavailable Seconds (UAS) Standard: [G.826]	Sum, nkrttbh, tot
unavailable_seconds	nok_nkftmppt_ifmeas_tab.ugpuguv1im2ahsxr0035xkcuai	INTEGER	Sec	Unavailable Seconds (UAS): counts the number of seconds for which the interface is unavailable. The interface is defined to be unavailable from either the beginning of 10 contiguous SES, and/or a defect. An interface is available again after a 10-second absence of all	Sum, nkrttbh, tot

				defects and SES. While the interface is unavailable, the only count that is incremented is UAS. Defect: LOS, LOF, AIS.	

6.18 FTM_PHB Performance Indicators

- FTM_PHB.Nokia.UMTS.ftm_phb_stats

6.18.1 FTM_PHB.Nokia.UMTS.ftm_phb_stats

FTM PHB statistics

KPI Name	Expression	Data Type	Units	Description	Aggregation
ifdroppedoctets_af1	nok_nkftmphb_stats_tab.x4hvyhldm52aicsd002uaxybdk	INT8	Byte	The number of outbound octets within the Assured Forwarding 1 PHB class that were dropped in the IP scheduler due to congestion.	Sum, nkrttbh, tot
ifdroppedoctets_af2	nok_nkftmphb_stats_tab.x4hvyhddm52aicsd002uaxybdk	INT8	Byte	The number of outbound octets within the Assured Forwarding 2 PHB class that were dropped in the IP scheduler due to congestion.	Sum, nkrttbh, tot
ifdroppedoctets_af3	nok_nkftmphb_stats_tab.x4hvyh2dm52aicsd002uaxybdk	INT8	Byte	The number of outbound octets within the Assured Forwarding 3 PHB class that were dropped in the IP scheduler due to congestion.	Sum, nkrttbh, tot

ifdroppedoctets_af4	nok_nkftmphb_stats_tab.x4hvygtdm52aicsd002uaxybdk	INT8	Byte	The number of outbound octets within the Assured Forwarding 4 PHB class that were dropped in the IP scheduler due to congestion.	Sum, nkrttbh, tot
ifdroppedoctets_be	nok_nkftmphb_stats_tab.x4hvyhtdm52aicsd002uaxybdk	INT8	Byte	The number of outbound octets within the Best Effort PHB class that were dropped in the IP scheduler due to congestion.	Sum, nkrttbh, tot
ifdroppedoctets_ef	nok_nkftmphb_stats_tab.x4hvygldm52aicsd002uaxybdk	INT8	Byte	The number of outbound octets within the Expedited Forwarding PHB class that were dropped in the IP scheduler due to congestion.	Sum, nkrttbh, tot
ifdroppedpackets_af1	nok_nkftmphb_stats_tab.x4hvyhndm52aicsd002uaxybdk	INT8	Packets	The number of outbound packets within the Assured Forwarding 1 PHB class that were dropped in the IP scheduler due to congestion.	Sum, nkrttbh, tot
ifdroppedpackets_af2	nok_nkftmphb_stats_tab.x4hvyhfdm52aicsd002uaxybdk	INT8	Packets	The number of outbound packets within the Assured Forwarding 2 PHB class that were dropped in the IP	Sum, nkrttbh, tot

This edition applies to IBM® Tivoli® Netcool® Performance Manager for Wireless and to all subsequent releases and modifications until otherwise indicated in new editions.

				scheduler due to congestion.	
ifdroppedpackets_af3	nok_nkftmphb_stats_tab.x4hvyh4dm52aicsd002uaxybdk	INT8	Packets	The number of outbound packets within the Assured Forwarding 3 PHB class that were dropped in the IP scheduler due to congestion.	Sum, nkrttbh, tot
ifdroppedpackets_af4	nok_nkftmphb_stats_tab.x4hvygvdm52aicsd002uaxybdk	INT8	Packets	The number of outbound packets within the Assured Forwarding 4 PHB class that were dropped in the IP scheduler due to congestion.	Sum, nkrttbh, tot
ifdroppedpackets_be	nok_nkftmphb_stats_tab.x4hvyhvdm52aicsd002uaxybdk	INT8	Packets	The number of outbound packets within the Best Effort PHB class that were dropped in the IP scheduler due to congestion.	Sum, nkrttbh, tot
ifdroppedpackets_ef	nok_nkftmphb_stats_tab.x4hvygndm52aicsd002uaxybdk	INT8	Packets	The number of outbound packets within the Expedited Forwarding PHB class that were dropped in the IP scheduler due to congestion.	Sum, nkrttbh, tot
ifoctets_af1	nok_nkftmphb_stats_tab.x4hvyhhdm52aicsd002uaxybdk	INT8	kByte	The total number of octets transmitted out of the interface, including framing characters, using the Assured Forwarding 1 PHB class.	Sum, nkrttbh, tot

ifoctets_af2	nok_nkftmphb_stats_tab.x4hvyh6dm52aicsd002uaxybdk	INT8	kByte	The total number of octets transmitted out of the interface, including framing characters, using the Assured Forwarding 2 PHB class.	Sum, nkrttbh, tot
ifoctets_af3	nok_nkftmphb_stats_tab.x4hvygxdm52aicsd002uaxybdk	INT8	kByte	The total number of octets transmitted out of the interface, including framing characters, using the Assured Forwarding 3 PHB class.	Sum, nkrttbh, tot
ifoctets_af4	nok_nkftmphb_stats_tab.x4hvygpdm52aicsd002uaxybdk	INT8	kByte	The total number of octets transmitted out of the interface, including framing characters, using the Assured Forwarding 4 PHB class.	Sum, nkrttbh, tot
ifoctets_be	nok_nkftmphb_stats_tab.x4hvyhpdm52aicsd002uaxybdk	INT8	kByte	The total number of octets transmitted out of the interface, including framing characters, using the Best Effort PHB class.	Sum, nkrttbh, tot
ifoctets_ef	nok_nkftmphb_stats_tab.x4hvyghdm52aicsd002uaxybdk	INT8	kByte	The total number of octets transmitted by the	Sum, nkrttbh, tot

This edition applies to IBM® Tivoli® Netcool® Performance Manager for Wireless and to all subsequent releases and modifications until otherwise indicated in new editions.

				interface, including framing characters, using Expedited Forwarding PHB class.	
ifpackets_af1	nok_nkftmphb_stats_tab.x4hvyhjdm52aicsd002uaxybdk	INT8	Packets	The number of outbound packets that were successfully transmitted within the Assured Forwarding 1 PHB class.	Sum, nkrttbh, tot
ifpackets_af2	nok_nkftmphb_stats_tab.x4hvyhbdm52aicsd002uaxybdk	INT8	Packets	The number of outbound packets that were successfully transmitted within the Assured Forwarding 2 PHB class.	Sum, nkrttbh, tot
ifpackets_af3	nok_nkftmphb_stats_tab.x4hvyh0dm52aicsd002uaxybdk	INT8	Packets	The number of outbound packets that were successfully transmitted within the Assured Forwarding 3 PHB class.	Sum, nkrttbh, tot
ifpackets_af4	nok_nkftmphb_stats_tab.x4hvygrdm52aicsd002uaxybdk	INT8	Packets	The number of outbound packets that were successfully transmitted within the Assured Forwarding 4 PHB class.	Sum, nkrttbh, tot
ifpackets_be	nok_nkftmphb_stats_tab.x4hvyhrdm52aicsd002uaxybdk	INT8	Packets	The number of outbound packets that were successfully transmitted within the Best Effort	Sum, nkrttbh, tot

				PHB class.	
ifpackets_ef	nok_nkftmphb_stats_tab.x4hvygjdm52aicsd002uaxybdk	INT8	Packets	The number of outbound packets that were successfully transmitted within the Expedited Forwarding PHB class.	Sum, nkrttbh, tot

6.19 FTM_PSN_IP Performance Indicators

- FTM_PSN_IP.Nokia.UMTS.interface_measurement

6.19.1 FTM_PSN_IP.Nokia.UMTS.interface_measurement

FTM packet switching network IP tunnelling statistics.

KPI Name	Expression	Data Type	Units	Description	Aggregation
pwtpktlost_15	nok_nkif_measpsnip_tab.y34uvg2dmm2aicsd002uaxybdk	INTEGER	#	Number of lost Ethernet frames carrying PWE frames.	Sum, nkrttbh, tot
pwtpktrecv_15	nok_nkif_measpsnip_tab.ugpuh3h1im2ahsxr0035xkcuai	INT8	Packets	Number of received packets on a tunnel.	Sum, nkrttbh, tot
pwtpkttransm_15	nok_nkif_measpsnip_tab.ugpuh3j1im2ahsxr0035xkcuai	INT8	Packets	Number of transmitted packets on a tunnel.	Sum, nkrttbh, tot
pwtunknownpwhdr_15	nok_nkif_measpsnip_tab.ugpuh3f1im2ahsxr0035xkcuai	INTEGER	#	The number of received Ethernet frames whose pseudowire header is not configured	Sum, nkrttbh, tot

				or has a reserved value.	

6.20 FTM_PWMP_IF Performance Indicators

- FTM_PWMP_IF.Nokia.UMTS.interface_measurement

6.20.1 FTM_PWMP_IF.Nokia.UMTS.interface_measurement

FTM SDH VCX connection interface statistics.

KPI Name	Expression	Data Type	Units	Description	Aggregation
pseudowire_packet_loss	nok_nkif_measpwmp_tab.y34uvg0dmm2aicsd002uaxybdk	INTEGER	#	Based on pseudowire sequence numbers, an estimation of the number of lost packets will be provided guided by RFC 4717.	Sum, nkrttbh, tot
pwses_15	nok_nkif_measpwmp_tab.ugpuh3n1im2ahsxr0035xkcuai	INTEGER	Sec	Severely Errored Seconds (SES): Counts the number of seconds which contain a defect. Defect: BFD down in ingress or egress. SES are not incremented during Unavailable Seconds (UAS) Standard: [G.826].	Sum, nkrttbh, tot
pwuas_15	nok_nkif_measpwmp_tab.ugpuh3l1im2ahsxr0035xkcuai	INTEGER	Sec	Unavailable Seconds (UAS): Counts the number of seconds for which the interface is unavailable. The interface is defined unavailable from either the beginning of: 10 contiguous	Sum, nkrttbh, tot

				SES, and/or a defect. An interface is available again after a 10 second absence of all defects and SES. While the interface is unavailable, the only count that is incremented is UAS. Defect: BFD down in ingress or egress only. Standard: [G.826].	

6.21 FTM_SDH_IF Performance Indicators

- FTM_SDH_IF.Nokia.UMTS.interface_measurement

6.21.1 FTM_SDH_IF.Nokia.UMTS.interface_measurement

FTM SDH connection interface statistics.

KPI Name	Expression	Data Type	Units	Description	Aggregation
bbe_b15	nok_nkif_meassdh_tab.ugpuh4r1im2ahsxr0035xkcuai	INTEGER	Sec	Background Block Errors (BBE) on the Sdh Path (B3): Counts the number of errored blocks not occurring during SES or UAS. Errored block: A block in which one ore more bits are corrupted. Detected by inspecting the bit interleaved parity	Sum, nkrttbh, tot

				(BIP) information. Standard: [G.826]	
es_b315	nok_nkif_meassdh_tab.ugpuh4n1im2ahsxr0035xkcuai	INTEGER	Sec	Errored Seconds (ES) on the SDH Path (B3): Counts the number of seconds with one or more errored blocks or at least one defect. Defect: LOS, LOF, AIS-MS, AIS-AU, LOP-AU, UNEQHP, PLM-HP. Errored block: A block in which one ore more bits are corrupted. ES are not incremented during Unavailable Seconds (UAS) Standard: [G.826]	Sum, nkrttbh, tot
ses_b315	nok_nkif_meassdh_tab.ugpuh4p1im2ahsxr0035xkcuai	INTEGER	Sec	Severely Errored Seconds (SES) on the SDH Path (B3): Counts the number of seconds which contain 30% errored blocks or at least one defect. Defect: LOS, LOF, AIS-MS, AIS-AU, LOPAU, UNEQ-HP, PLM-HP. SES is a subset of ES. Errored block: A block in which one ore more bits are corrupted. Detected by inspecting the bit interleaved parity (BIP) information. SES are not incremented during Unavailable	Sum, nkrttbh, tot

				Seconds (UAS). Standard: [G.826]	
uas_b315	nok_nkif_meassdh_tab.ugpuh4l1im2ahsxr0035xkcuai	INTEGER	Sec	Unavailable Seconds (UAS) on the SDH Path (B3): Counts the number of seconds for which the SDH Path on the interface is unavailable. The interface is defined unavailable from either the beginning of 10 contiguous SES B3, or from the beginning of a defect. An interface is available again after a 10 second absence of all defects and SES. While the interface is unavailable, the only count that is incremented is UAS. Defect: LOS, LOF, AIS-MS, AIS-AU, LOP-AU, UNEQHP, PLM-HP. Standard: [G.826]	Sum, nkrttbh, tot

6.22 IMA_Group Performance Indicators

- IMA_Group.Nokia.UMTS.logical_interface_ima

This edition applies to IBM® Tivoli® Netcool® Performance Manager for Wireless and to all subsequent releases and modifications until otherwise indicated in new editions.

6.22.1 IMA_Group.Nokia.UMTS.logical_interface_ima

IMA link and group interface statistics.

KPI Name	Expression	Data Type	Units	Description	Aggregation
gr_fc	nok_nkimagp_logif_tab.socye22ahl26seccb00hw01qk4	INT8	#	The number of Near End group failure condition in the IMA Group.The number of possible Near End group failure alarms when conditions are config abort and there are insufficient links.	Sum, nkrttbh, tot
gr_uas_ima	nok_nkimagp_logif_tab.sobxh3pahl26seccb00hw01qk4	INT8	#	Unavailable seconds of IMA Group. An interval when the IMA group is unable to transfer cells. The number of one second intervals when the Group Traffic State Machine (GTSM) is down.	Sum, nkrttbh, tot
iv_ima1	nok_nkimagp_logif_tab.soexpphahl26seccb00hw01qk4	INT8	#	ICP violations of IMA link.The number of errors, invalid or missing links in the IMA Control ProtocolCell (ICP) cells. This does not include SES IMA and UAS IMA condition.	Sum, nkrttbh, tot
iv_ima2	nok_nkimagp_logif_tab.sorcvfxahl26seccb00hw01qk4	INT8	#	Sum of errored, invalid or missing ICP cells, except during SES IMA	Sum, nkrttbh, tot

				and UASIMA condition.	
iv_ima3	nok_nkimagp_logif_tab.sp4ytypahl26seccb00hw01qk4	INT8	#	Sum of errored, invalid or missing ICP cells, except during SES IMA and UASIMA condition.	Sum, nkrttbh, tot
iv_ima4	nok_nkimagp_logif_tab.spkbwwxahl26seccb00hw01qk4	INT8	#	Sum of errored, invalid or missing ICP cells, except during SES IMA and UASIMA condition.	Sum, nkrttbh, tot
iv_ima5	nok_nkimagp_logif_tab.spwnmsdahl26seccb00hw01qk4	INT8	#	Sum of errored, invalid or missing ICP cells, except during SES IMA and UASIMA condition.	Sum, nkrttbh, tot
iv_ima6	nok_nkimagp_logif_tab.sqduni2ahl26seccb00hw01qk4	INT8	#	Sum of errored, invalid or missing ICP cells, except during SES IMA and UASIMA condition.	Sum, nkrttbh, tot
iv_ima7	nok_nkimagp_logif_tab.sqqd45hahl26seccb00hw01qk4	INT8	#	Sum of errored, invalid or missing ICP cells, except during SES IMA and UASIMA condition.	Sum, nkrttbh, tot
iv_ima8	nok_nkimagp_logif_tab.sr3plr2ahl26seccb00hw01qk4	INT8	#	Sum of errored, invalid or missing ICP cells, except during SES IMA and UASIMA	Sum, nkrttbh, tot

This edition applies to IBM® Tivoli® Netcool® Performance Manager for Wireless and to all subsequent releases and modifications until otherwise indicated in new editions.

				condition.	
rx_fc1	nok_nkimagp_logif_tab.sopavhhahl26seccb00hw01qk4	INT8	#	Near End Rx link failure count of IMA link .The number of Near End Rx link failures, Loss of IMA Frame (LIF), Link Out of Delay Synchronization (LODS) and Rx Fault alarm condition entries	Sum, nkrttbh, tot
rx_fc2	nok_nkimagp_logif_tab.sp2x0cdahl26seccb00hw01qk4	INT8	#	Near End Rx link failure count of IMA link (AF PHY 0086.001).The number of Near End Rx link failures, Loss of IMA Frame (LIF), Link Out of Delay Synchronization (LODS) and Rx Fault alarm condition entries.	Sum, nkrttbh, tot
rx_fc3	nok_nkimagp_logif_tab.spiahv2ahl26seccb00hw01qk4	INT8	#	Near End Rx link failure count of IMA link.The number of Near End Rx link failures, Loss of IMA Frame (LIF), Link Out of Delay Synchronization (LODS) and Rx Fault alarm condition entries.	Sum, nkrttbh, tot
rx_fc4	nok_nkimagp_logif_tab.spul2qxahl26seccb00hw01qk4	INT8	#	Near End Rx link failure count of IMA link (AF PHY 0086.001).The number of Near End	Sum, nkrttbh, tot

				Rx link failures, Loss of IMA Frame (LIF), Link Out of Delay Synchronization (LODS) and Rx Fault alarm condition entries.	
rx_fc5	nok_nkimagp_logif_tab.sqbrc0pahl26seccb00hw01qk4	INT8	#	Near End Rx link failure count of IMA link (AF PHY 0086.001).The number of Near End Rx link failures, Loss of IMA Frame (LIF), Link Out of Delay Synchronization (LODS) and Rx Fault alarm condition entries.	Sum, nkrttbh, tot
rx_fc6	nok_nkimagp_logif_tab.sqo6s46ahl26seccb00hw01qk4	INT8	#	Near End Rx link failure count of IMA link. The number of Near End Rx link failures, Loss of IMA Frame (LIF), Link Out of Delay Synchronization (LODS) and Rx Fault alarm condition entries.	Sum, nkrttbh, tot
rx_fc7	nok_nkimagp_logif_tab.sr1mvwlahl26seccb00hw01qk4	INT8	#	Near End Rx link failure count of IMA link (AF PHY 0086.001).The number of Near End Rx link failures,	Sum, nkrttbh, tot

				Loss of IMA Frame (LIF), Link Out of Delay Synchronization (LODS) and Rx Fault alarm condition entries.	
rx_fc8	nok_nkimagp_logif_tab.srgrdehahl26seccb00hw01qk4	INT8	#	The count of Near End Rx link failure (LIF, LODS, Rx Fault) alarm condition entrances	Sum, nkrttbh, tot
rx_uus_ima_fe1	nok_nkimagp_logif_tab.son5kfxahl26seccb00hw01qk4	INT8	#	The Rx unusable seconds at Far End of IMA link .The number of seconds that have Rx unusable indications from the Rx FarEnd LSM. The interval when the IMA link is unable to transfer cells.	Sum, nkrttbh, tot
rx_uus_ima_fe2	nok_nkimagp_logif_tab.sp0uj1lahl26seccb00hw01qk4	INT8	#	The count of seconds with Rx unusable indications from the Rx Far End LSM.	Sum, nkrttbh, tot
rx_uus_ima_fe3	nok_nkimagp_logif_tab.spgbtdhahl26seccb00hw01qk4	INT8	#	The count of seconds with Rx unusable indications from the Rx Far End LSM.	Sum, nkrttbh, tot
rx_uus_ima_fe4	nok_nkimagp_logif_tab.spsinsxahl26seccb00hw01qk4	INT8	#	The count of seconds with Rx unusable indications from the Rx Far End LSM.	Sum, nkrttbh, tot
rx_uus_ima_fe5	nok_nkimagp_logif_tab.sq6aistahl26seccb00hw01qk4	INT8	#	The count of seconds with Rx unusable indications from the Rx Far	Sum, nkrttbh, tot

				End LSM.	
rx_uus_ima_fe6	nok_nkimagp_logif_tab.sqm53jdahl26seccb00hw01qk4	INT8	#	The count of seconds with Rx unusable indications from the Rx Far End LSM.	Sum, nkrttbh, tot
rx_uus_ima_fe7	nok_nkimagp_logif_tab.sqykvo2ahl26seccb00hw01qk4	INT8	#	The count of seconds with Rx unusable indications from the Rx Far End LSM.	Sum, nkrttbh, tot
rx_uus_ima_fe8	nok_nkimagp_logif_tab.sretr22ahl26seccb00hw01qk4	INT8	#	The count of seconds with Rx unusable indications from the Rx Far End LSM.	Sum, nkrttbh, tot
rx_uus_ima1	nok_nkimagp_logif_tab.sol44vdahl26seccb00hw01qk4	INT8	#	The Rx unusable seconds of IMA link .The number of Rx unusable seconds at the Rx Near End Link State Machine (LSM). The interval when the IMA link is unable to transfer cells.	Sum, nkrttbh, tot
rx_uus_ima2	nok_nkimagp_logif_tab.soxu1v6ahl26seccb00hw01qk4	INT8	#	The count of Rx unusable seconds at the Tx Near End LSM.	Sum, nkrttbh, tot
rx_uus_ima3	nok_nkimagp_logif_tab.speacjdahl26seccb00hw01qk4	INT8	#	The count of Rx unusable seconds at the Tx Near End LSM.	Sum, nkrttbh, tot
rx_uus_ima4	nok_nkimagp_logif_tab.spqhefpahl26seccb00hw01qk	INT8	#	The count of Rx unusable seconds at	Sum, nkrttbh,

	4			the Tx Near End LSM.	tot
rx_uus_ima5	nok_nkimagp_logif_tab.sq3wculahl26seccb00hw01qk4	INT8	#	The count of Rx unusable seconds at the Tx Near End LSM.	Sum, nkrttbh, tot
rx_uus_ima6	nok_nkimagp_logif_tab.sqk1mydahl26seccb00hw01qk4	INT8	#	The count of Rx unusable seconds at the Tx Near End LSM.	Sum, nkrttbh, tot
rx_uus_ima7	nok_nkimagp_logif_tab.sqwi4rxahl26seccb00hw01qk4	INT8	#	The count of Rx unusable seconds at the Tx Near End LSM.	Sum, nkrttbh, tot
rx_uus_ima8	nok_nkimagp_logif_tab.srcsxflahl26seccb00hw01qk4	INT8	#	The count of Rx unusable seconds at the Tx Near End LSM.	Sum, nkrttbh, tot
ses_ima_fe1	nok_nkimagp_logif_tab.sogvyrlahl26seccb00hw01qk4	INT8	#	Severely errored seconds at far end of IMA link .The number of one second intervals at Far End containing one or more RDI IMA defects. This does not include defects during USA IMA FE conditions.	Sum, nkrttbh, tot
ses_ima_fe2	nok_nkimagp_logif_tab.sotfal6ahl26seccb00hw01qk4	INT8	#	The count of one second intervals at Far End containing one or more RDIIMA defects, except during the USAIMA FE conditions.	Sum, nkrttbh, tot
ses_ima_fe3	nok_nkimagp_logif_tab.spa3c32ahl26seccb00hw01qk4	INT8	#	The count of one second intervals at Far End containing one or more	Sum, nkrttbh, tot

				RDIIMA defects, except during the USAIMA FE conditions.	
ses_ima_fe4	nok_nkimagp_logif_tab.spmblndahl26seccb00hw01qk4	INT8	#	The count of one second intervals at Far End containing one or more RDIIMA defects, except during the USAIMA FE conditions.	Sum, nkrttbh, tot
ses_ima_fe5	nok_nkimagp_logif_tab.spyrpy2ahl26seccb00hw01qk4	INT8	#	The count of one second intervals at Far End containing one or more RDIIMA defects, except during the USAIMA FE conditions.	Sum, nkrttbh, tot
ses_ima_fe6	nok_nkimagp_logif_tab.sqfx5lxahl26seccb00hw01qk4	INT8	#	The count of one second intervals at Far End containing one or more RDIIMA defects, except during the USAIMA FE conditions.	Sum, nkrttbh, tot
ses_ima_fe7	nok_nkimagp_logif_tab.sqsd1qlahl26seccb00hw01qk4	INT8	#	The count of one second intervals at Far End containing one or more RDIIMA defects, except during the USAIMA FE conditions.	Sum, nkrttbh, tot
ses_ima_fe8	nok_nkimagp_logif_tab.sr5pyp2ahl26seccb00hw01qk4	INT8	#	The count of one second intervals at	Sum, nkrttbh,

This edition applies to IBM® Tivoli® Netcool® Performance Manager for Wireless and to all subsequent releases and modifications until otherwise indicated in new editions.

				Far End containing one or more RDIIMA defects, except during the USAIMA FE conditions.	tot
ses_ima1	nok_nkimagp_logif_tab.sofvo36ahl26seccb00hw01qk4	INT8	#	Severely errored seconds at near end of IMA link .The number of one second intervals at Near End containing greater than or equal to 30% of the ICP cells counted as IV IMA or one or more link defects (for example, LOS, OOF/LOF,AIS or LCD), LIF or LODS defects. This does not include defects during UAS IMA condition.	Sum, nkrttbh, tot
ses_ima2	nok_nkimagp_logif_tab.sose1cpahl26seccb00hw01qk4	INT8	#	Count of one seconds intervals at Near End containing greater than or equal to 30% of the ICP cells counted as IV IMA or one or more link defects (for example, LOS, OOF/LOF, AIS or LCD), LIF or LODS defects except during UAS IMA condition.	Sum, nkrttbh, tot
ses_ima3	nok_nkimagp_logif_tab.sp612khahl26seccb00hw01qk4	INT8	#	Count of one seconds intervals at Near End containing greater	Sum, nkrttbh, tot

				than or equal to 30% of the ICP cells counted as IV IMA or one or more link defects (for example, LOS, OOF/LOF, AIS or LCD), LIF or LODS defects except during UAS IMA condition.	
ses_ima4	nok_nkimagp_logif_tab.spl6qklahl26seccb00hw01qk4	INT8	#	Count of one seconds intervals at Near End containing greater than or equal to 30% of the ICP cells counted as IV IMA or one or more link defects (for example, LOS, OOF/LOF, AIS or LCD), LIF or LODS defects except during UAS IMA condition.	Sum, nkrttbh, tot
ses_ima5	nok_nkimagp_logif_tab.spxppthahl26seccb00hw01qk4	INT8	#	Count of one seconds intervals at Near End containing greater than or equal to 30% of the ICP cells counted as IV IMA or one or more link defects (for example, LOS, OOF/LOF, AIS or LCD), LIF or LODS defects except during UAS	Sum, nkrttbh, tot

				IMA condition.	
ses_ima6	nok_nkimagp_logif_tab.sqew4tpahl26seccb00hw01qk4	INT8	#	Count of one seconds intervals at Near End containing greater than or equal to 30% of the ICP cells counted as IV IMA or one or more link defects (for example, LOS, OOF/LOF, AIS or LCD), LIF or LODS defects except during UAS IMA condition.	Sum, nkrttbh, tot
ses_ima7	nok_nkimagp_logif_tab.sqrchrlahl26seccb00hw01qk4	INT8	#	Count of one seconds intervals at Near End containing greater than or equal to 30% of the ICP cells counted as IV IMA or one or more link defects (for example, LOS, OOF/LOF, AIS or LCD), LIF or LODS defects except during UAS IMA condition.	Sum, nkrttbh, tot
ses_ima8	nok_nkimagp_logif_tab.sr4pmmpahl26seccb00hw01qk4	INT8	#	Count of one seconds intervals at Near End containing greater than or equal to 30% of the ICP cells counted as IV IMA or one or more link defects (for example, LOS, OOF/LOF, AIS or LCD), LIF or LODS defects	Sum, nkrttbh, tot

				except during UAS IMA condition.	
tx_fc1	nok_nkimagp_logif_tab.soo6nt6ahl26seccb00hw01qk4	INT8	#	Near End Tx link failure of the IMA link .The number of Near End Tx link failures Tx misconnected and Tx Fault alarm condition entries	Sum, nkrttbh, tot
tx_fc2	nok_nkimagp_logif_tab.sp1v5k6ahl26seccb00hw01qk4	INT8	#	The count of Near End Tx link failure (Tx misconnected, Tx Fault) alarm condition entrances.	Sum, nkrttbh, tot
tx_fc3	nok_nkimagp_logif_tab.sphapq6ahl26seccb00hw01qk4	INT8	#	The count of Near End Tx link failure (Tx misconnected, Tx Fault) alarm condition entrances.	Sum, nkrttbh, tot
tx_fc4	nok_nkimagp_logif_tab.sptk6j2ahl26seccb00hw01qk4	INT8	#	The count of Near End Tx link failure (Tx misconnected, Tx Fault) alarm condition entrances.	Sum, nkrttbh, tot
tx_fc5	nok_nkimagp_logif_tab.sqanqhtahl26seccb00hw01qk4	INT8	#	TX_FC5 GCN62 The count of Near End Tx link failure (Tx misconnected, Tx Fault) alarm condition entrances.	Sum, nkrttbh, tot
tx_fc6	nok_nkimagp_logif_tab.sqn5c2lahl26seccb00hw01qk4	INT8	#	The count of Near End Tx link failure (Tx misconnected, Tx Fault) alarm condition entrances.	Sum, nkrttbh, tot

This edition applies to IBM® Tivoli® Netcool® Performance Manager for Wireless and to all subsequent releases and modifications until otherwise indicated in new editions.

tx_fc7	nok_nkimagp_logif_tab.sr0m5blahl26seccb00hw01qk4	INT8	#	The count of Near End Tx link failure (Tx misconnected, Tx Fault) alarm condition entrances.	Sum, nkrttbh, tot
tx_fc8	nok_nkimagp_logif_tab.srfs3exahl26seccb00hw01qk4	INT8	#	The count of Near End Tx link failure (Tx misconnected, Tx Fault) alarm condition entrances.	Sum, nkrttbh, tot
tx_uus_ima_fe1	nok_nkimagp_logif_tab.som4mptahl26seccb00hw01qk4	INT8	#	The Tx unusable seconds at Far End of IMA link .The number of seconds that have Tx unusable indicates to the Tx Far EndLink State Machine (LSM). The interval when the IMA link is unable to transfer cells.	Sum, nkrttbh, tot
tx_uus_ima_fe2	nok_nkimagp_logif_tab.soyt1e2ahl26seccb00hw01qk4	INT8	#	The count of seconds with Tx unusable indications from the Tx Far End LSM.	Sum, nkrttbh, tot
tx_uus_ima_fe3	nok_nkimagp_logif_tab.spf60mpahl26seccb00hw01qk4	INT8	#	The count of seconds with Tx unusable indications from the Tx Far End LSM.	Sum, nkrttbh, tot
tx_uus_ima_fe4	nok_nkimagp_logif_tab.sprgmclahl26seccb00hw01qk4	INT8	#	The count of seconds with Tx unusable indications from the Tx Far End LSM.	Sum, nkrttbh, tot
tx_uus_ima_fe5	nok_nkimagp_logif_tab.sq50a0dahl26seccb00hw01qk4	INT8	#	The count of seconds with Tx unusable indications from the Tx Far End	Sum, nkrttbh, tot

				LSM.	
tx_uus_ima_fe6	nok_nkimagp_logif_tab.sql41rtahl26seccb00hw01qk4	INT8	#	The count of seconds with Tx unusable indications from the Tx Far End LSM.	Sum, nkrttbh, tot
tx_uus_ima_fe7	nok_nkimagp_logif_tab.sqxjub6ahl26seccb00hw01qk4	INT8	#	The count of seconds with Tx unusable indications from the Tx Far End LSM.	Sum, nkrttbh, tot
tx_uus_ima_fe8	nok_nkimagp_logif_tab.srdsqr6ahl26seccb00hw01qk4	INT8	#	The count of seconds with Tx unusable indications from the Tx Far End LSM.	Sum, nkrttbh, tot
tx_uus_ima1	nok_nkimagp_logif_tab.sok2ylhahl26seccb00hw01qk4	INT8	#	The Tx unusable seconds of IMA link .The number of Tx unusable seconds at the Tx Near End Link State Machine (LSM). The interval when the IMA link is unable to transfer cells.	Sum, nkrttbh, tot
tx_uus_ima2	nok_nkimagp_logif_tab.sowrnxtahl26seccb00hw01qk4	INT8	#	The count of Tx unusable seconds at the Tx Near End LSM.	Sum, nkrttbh, tot
tx_uus_ima3	nok_nkimagp_logif_tab.spd64vdahl26seccb00hw01qk4	INT8	#	The count of Tx unusable seconds at the Tx Near End LSM.	Sum, nkrttbh, tot
tx_uus_ima4	nok_nkimagp_logif_tab.sppenbhahl26seccb00hw01qk	INT8	#	The count of Tx unusable seconds at	Sum, nkrttbh,

	4			the Tx Near End LSM.	tot
tx_uus_ima5	nok_nkimagp_logif_tab.sq2tyc6ahl26seccb00hw01qk4	INT8	#	The count of Tx unusable seconds at the Tx Near End LSM.	Sum, nkrttbh, tot
tx_uus_ima6	nok_nkimagp_logif_tab.sqj0nv6ahl26seccb00hw01qk4	INT8	#	The count of Tx unusable seconds at the Tx Near End LSM.	Sum, nkrttbh, tot
tx_uus_ima7	nok_nkimagp_logif_tab.sqvhb2pahl26seccb00hw01qk4	INT8	#	The count of Tx unusable seconds at the Tx Near End LSM.	Sum, nkrttbh, tot
tx_uus_ima8	nok_nkimagp_logif_tab.srbsbppahl26seccb00hw01qk4	INT8	#	The count of Tx unusable seconds at the Tx Near End LSM.	Sum, nkrttbh, tot
uas_ima_fe1	nok_nkimagp_logif_tab.soj45jpahl26seccb00hw01qk4	INT8	#	Unavailable seconds at Far End of IMA link .At the Far End the period of unavailable time begins at the start of ten consecutive SES IMAFE. This includes the first ten seconds to enter the UAS IMA FE condition and ends at the start of ten consecutive seconds with no SES IMA FE. This does not include the last ten seconds to exit the UAS IMA FE condition.	Sum, nkrttbh, tot
uas_ima_fe2	nok_nkimagp_logif_tab.sovfmspahl26seccb00hw01qk4	INT8	#	Unavailable seconds at Far End: Far End unavailability begins at the onset	Sum, nkrttbh, tot

				of 10 contiguous SES IMA FE including the first 10 seconds to enter the UASIMA FE condition and ends at the onset of 10 contiguous seconds with no SESIMA FE, excluding the last 10 seconds to exit the UAS IMA FE condition.	
uas_ima_fe3	nok_nkimagp_logif_tab.spc4m5lahl26seccb00hw01qk4	INT8	#	Unavailable seconds at Far End: Far End unavailability begins at the onset of 10 contiguous SES IMA FE including the first 10 seconds to enter the UASIMA FE condition and ends at the onset of 10 contiguous seconds with no SESIMA FE, excluding the last 10 seconds to exit the UAS IMA FE condition.	Sum, nkrttbh, tot
uas_ima_fe4	nok_nkimagp_logif_tab.spocorxahl26seccb00hw01qk4	INT8	#	Unavailable seconds at Far End: Far End unavailability begins at the onset of 10 contiguous SES IMA FE including the first 10 seconds to enter the UASIMA FE condition and ends	Sum, nkrttbh, tot

				at the onset of 10 contiguous seconds with no SESIMA FE, excluding the last 10 seconds to exit the UAS IMA FE condition.	
uas_ima_fe5	nok_nkimagp_logif_tab.sq1uq0hahl26seccb00hw01qk4	INT8	#	Unavailable seconds at Far End: Far End unavailability begins at the onset of 10 contiguous SES IMA FE including the first 10 seconds to enter the UASIMA FE condition and ends at the onset of 10 contiguous seconds with no SESIMA FE, excluding the last 10 seconds to exit the UAS IMA FE condition.	Sum, nkrttbh, tot
uas_ima_fe6	nok_nkimagp_logif_tab.sqhye6dahl26seccb00hw01qk4	INT8	#	Unavailable seconds at Far End: Far End unavailability begins at the onset of 10 contiguous SES IMA FE including the first 10 seconds to enter the UASIMA FE condition and ends at the onset of 10 contiguous seconds with no SESIMA FE, excluding the last 10 seconds to exit the UAS IMA FE condition.	Sum, nkrttbh, tot
uas_ima_fe7	nok_nkimagp_logif_tab.squf462ahl26seccb00hw01qk4	INT8	#	End unavailability begins at the onset of 10 contiguous	Sum, nkrttbh, tot

				SES IMA FE including the first 10 seconds to enter the UASIMA FE condition and ends at the onset of 10 contiguous seconds with no SESIMA FE, excluding the last 10 seconds to exit the UAS IMA FE condition.	
uas_ima_fe8	nok_nkimagp_logif_tab.srat1hhahl26seccb00hw01qk4	INT8	#	Unavailable seconds at Far End: Far End unavailability begins at the onset of 10 contiguous SES IMA FE including the first 10 seconds to enter the UASIMA FE condition and ends at the onset of 10 contiguous seconds with no SESIMA FE, excluding the last 10 seconds to exit the UAS IMA FE condition.	Sum, nkrttbh, tot
uas_ima1	nok_nkimagp_logif_tab.soi20wlahl26seccb00hw01qk4	INT8	#	Unavailable seconds at Near End of IMA link. .At the Near End the period of unavailable time begins at the start of ten consecutive SES IMA. This includes the first ten seconds to enter the UAS IMA condition and	Sum, nkrttbh, tot

				ends at the start of the first ten consecutive seconds with no SES IMA. This does not include the last ten seconds to exit the UAS IMA condition.	
uas_ima2	nok_nkimagp_logif_tab.souexnpahl26seccb00hw01qk4	INT8	#	Unavailable seconds at Near End: Near End unavailability begins at the onset of 10 contiguous SES IMA including the first 10 seconds to enter the UAS IMA condition and ends at the onset of 10 contiguous seconds with no SES IMA, excluding the last 10 seconds to exit the UAS IMA condition.	Sum, nkrttbh, tot
uas_ima3	nok_nkimagp_logif_tab.spb4n5dahl26seccb00hw01qk4	INT8	#	Unavailable seconds at Near End: Near End unavailability begins at the onset of 10 contiguous SES IMA including the first 10 seconds to enter the UAS IMA condition and ends at the onset of 10 contiguous seconds with no SES IMA, excluding the last 10 seconds to exit the UAS IMA condition.	Sum, nkrttbh, tot
uas_ima4	nok_nkimagp_logif_tab.sp	INT8	#	Unavailable seconds	Sum,

	nd06lahl26seccb00hw01qk4			at Near End: Near End unavailability begins at the onset of 10 contiguous SES IMA including the first 10 seconds to enter the UAS IMA condition and ends at the onset of 10 contiguous seconds with no SES IMA, excluding the last 10 seconds to exit the UAS IMA condition.	nkrttbh, tot
uas_ima5	nok_nkimagp_logif_tab.sq0ttyhahl26seccb00hw01qk4	INT8	#	Unavailable seconds at Near End: Near End unavailability begins at the onset of 10 contiguous SES IMA including the first 10 seconds to enter the UAS IMA condition and ends at the onset of 10 contiguous seconds with no SES IMA, excluding the last 10 seconds to exit the UAS IMA condition.	Sum, nkrttbh, tot
uas_ima6	nok_nkimagp_logif_tab.sqgy5yxahl26seccb00hw01qk4	INT8	#	Unavailable seconds at Near End: Near End unavailability begins at the onset of 10 contiguous SES IMA including the first 10 seconds	Sum, nkrttbh, tot

				to enter the UAS IMA condition and ends at the onset of 10 contiguous seconds with no SES IMA, excluding the last 10 seconds to exit the UAS IMA condition.	
uas_ima7	nok_nkimagp_logif_tab.sqtdthxahl26seccb00hw01qk4	INT8	#	Unavailable seconds at Near End: Near End unavailability begins at the onset of 10 contiguous SES IMA including the first 10 seconds to enter the UAS IMA condition and ends at the onset of 10 contiguous seconds with no SES IMA, excluding the last 10 seconds to exit the UAS IMA condition.	Sum, nkrttbh, tot
uas_ima8	nok_nkimagp_logif_tab.sr6rsv2ahl26seccb00hw01qk4	INT8	#	Unavailable seconds at Near End: Near End unavailability begins at the onset of 10 contiguous SES IMA including the first 10 seconds to enter the UAS IMA condition and ends at the onset of 10 contiguous seconds with no SES IMA, excluding the last 10 seconds to exit the UAS IMA condition.	Sum, nkrttbh, tot

unit_index1	nok_nkimagp_logif_tab.sodwvt6ahl26seccb00hw01qk4	INTEGER	#	IMA link id.	Average, tot, min, max
unit_index2	nok_nkimagp_logif_tab.soqbsrpahl26seccb00hw01qk4	INTEGER	#	IMA link id.	Average, tot, min, max
unit_index3	nok_nkimagp_logif_tab.sp3y3v6ahl26seccb00hw01qk4	INTEGER	#	IMA link id.	Average, tot, min, max
unit_index4	nok_nkimagp_logif_tab.spjay12ahl26seccb00hw01qk4	INTEGER	#	IMA link id.	Average, tot, min, max
unit_index5	nok_nkimagp_logif_tab.spvludxahl26seccb00hw01qk4	INTEGER	#	IMA link id.	Average, tot, min, max
unit_index6	nok_nkimagp_logif_tab.sqcu00lahl26seccb00hw01qk4	INTEGER	#	IMA link id.	Average, tot, min, max
unit_index7	nok_nkimagp_logif_tab.sqpbedlahl26seccb00hw01qk4	INTEGER	#	IMA link id.	Average, tot, min, max
unit_index8	nok_nkimagp_logif_tab.sr2o3dhahl26seccb00hw01qk4	INTEGER	#	IMA link id.	Average, tot, min, max

6.23 Interface Performance Indicators

- Interface.Nokia.UMTS.interface_measurement_atm
- Interface.Nokia.UMTS.interface_measurement_stm1

6.23.1 Interface.Nokia.UMTS.interface_measurement_atm

ATM interface at RNC equipment measurement.

KPI Name	Expression	Data	Units	Description	Aggregati

		Type			on
disc_hec	nok_nkif_measatm_tab.ugpuh221im2ahsxr0035xkcuai	INTEGER	Cells	The number of ingress cells discarded due to HEC violation.	Sum, tot
eg_cap	nok_nkif_measatm_tab.ugpuh201im2ahsxr0035xkcuai	INTEGER	#	The configured egress bandwidth for CLP=0+1 ATM cells.	Average, avg, max, min, tot
eg_cbr_queued_cell	nok_nkif_measatm_tab.ugpuh0r1im2ahsxr0035xkcuai	INT8	Cells	The number of egress CBR cells in queue per interface.	Sum, tot
eg_cbr_rec_cell	nok_nkif_measatm_tab.ugpuh0n1im2ahsxr0035xkcuai	INT8	Cells	The number of received egress CBR cells per interface.	Sum, tot
eg_cbr_tr_cell	nok_nkif_measatm_tab.ugpuh0p1im2ahsxr0035xkcuai	INT8	Cells	The number of transmitted egress CBR cells per interface.	Sum, tot
eg_tot_queued_cell	nok_nkif_measatm_tab.ugpuh1v1im2ahsxr0035xkcuai	INT8	Cells	The total number of egress ATM cells in queue per interface.	Sum, tot
eg_tot_rec_cell	nok_nkif_measatm_tab.ugpuh1r1im2ahsxr0035xkcuai	INT8	Cells	The total number of received egress ATM cells per interface.	Sum, tot
eg_tot_tr_cell	nok_nkif_measatm_tab.ugpuh1t1im2ahsxr0035xkcuai	INT8	Cells	The total number of transmitted egress ATM cells per interface.	Sum, tot
eg_ubr_plus_queued_cell	nok_nkif_measatm_tab.ugpuh141im2ahsxr0035xkcuai	INT8	Cells	The number of egress UBR+ cells in queue per interface.	Sum, tot
eg_ubr_plus_rec_cell	nok_nkif_measatm_tab.ugpuh101im2ahsxr0035xkcuai	INT8	Cells	The number of received egress UBR+ cells per interface.	Sum, tot

eg_ubr_plus_tr_cell	nok_nkif_measatm_tab.ugpuh121im2ahsxr0035xkcuai	INT8	Cells	The number of transmitted egress UBR+ cells per interface.	Sum, tot
eg_ubr_queued_cell	nok_nkif_measatm_tab.ugpuh1j1im2ahsxr0035xkcuai	INT8	Cells	The number of egress UBR cells in queue per interface.	Sum, tot
eg_ubr_rec_cell	nok_nkif_measatm_tab.ugpuh1f1im2ahsxr0035xkcuai	INT8	Cells	The number of received egress UBR cells per interface.	Sum, tot
eg_ubr_tr_cell	nok_nkif_measatm_tab.ugpuh1h1im2ahsxr0035xkcuai	INT8	Cells	The number of transmitted egress UBR cells per interface.	Sum, tot
err_hec	nok_nkif_measatm_tab.ugpuh241im2ahsxr0035xkcuai	INTEGER	Cells	The number of ingress cells with HEC violation, both corrected and discarded cells.	Sum, tot
in_cap	nok_nkif_measatm_tab.ugpuh1x1im2ahsxr0035xkcuai	INTEGER	#	The configured ingress bandwidth for CLP=0+1 ATM cells.	Average, avg, max, min, tot
in_cbr_queued_cell	nok_nkif_measatm_tab.ugpuh0l1im2ahsxr0035xkcuai	INT8	Cells	The number of ingress CBR cells in queue per interface.	Sum, tot
in_cbr_rec_cell	nok_nkif_measatm_tab.ugpuh0h1im2ahsxr0035xkcuai	INT8	Cells	The number of received ingress CBR cells per interface.	Sum, tot
in_cbr_trans_cell	nok_nkif_measatm_tab.ugpuh0j1im2ahsxr0035xkcuai	INT8	Cells	The number of transmitted ingress CBR cells per interface.	Sum, tot

This edition applies to IBM® Tivoli® Netcool® Performance Manager for Wireless and to all subsequent releases and modifications until otherwise indicated in new editions.

in_tot_queued_cell	nok_nkif_measatm_tab.ugpuh1p1im2ahsxr0035xkcuai	INT8	Cells	The total number of ingress ATM cells in queue per interface.	Sum, tot
in_tot_rec_cell	nok_nkif_measatm_tab.ugpuh1l1im2ahsxr0035xkcuai	INT8	Cells	The total number of received ingress ATM cells per interface.	Sum, tot
in_tot_tr_cell	nok_nkif_measatm_tab.ugpuh1n1im2ahsxr0035xkcuai	INT8	Cells	The total number of transmitted ingress ATM cells per interface.	Sum, tot
in_ubr_plus_queued_cell	nok_nkif_measatm_tab.ugpuh0x1im2ahsxr0035xkcuai	INT8	Cells	The number of ingress UBR+ cells in queue per interface.	Sum, tot
in_ubr_plus_rec_cell	nok_nkif_measatm_tab.ugpuh0t1im2ahsxr0035xkcuai	INT8	Cells	The number of received ingress CBR cells per interface.	Sum, tot
in_ubr_plus_tr_cell	nok_nkif_measatm_tab.ugpuh0v1im2ahsxr0035xkcuai	INT8	Cells	The number of transmitted ingress UBR+ cells per interface.	Sum, tot
in_ubr_queued_cell	nok_nkif_measatm_tab.ugpuh1d1im2ahsxr0035xkcuai	INT8	Cells	The number of ingress UBR cells in queue per interface.	Sum, tot
in_ubr_rec_cell	nok_nkif_measatm_tab.ugpuh161im2ahsxr0035xkcuai	INT8	Cells	The number of received ingress UBR cells per interface.	Sum, tot
in_ubr_tr_cell	nok_nkif_measatm_tab.ugpuh1b1im2ahsxr0035xkcuai	INT8	Cells	The number of transmitted ingress UBR cells per interface.	Sum, tot

6.23.2 Interface.Nokia.UMTS.interface_measurement_stm1

STM-1 Interface statistics

KPI Name	Expression	Data Type	Units	Description	Aggregation

This edition applies to IBM® Tivoli® Netcool® Performance Manager for Wireless and to all subsequent releases and modifications until otherwise indicated in new editions.

fe_mux_bbe	nok_intf_meas_stm1_tab.ss2bdrdahl26seccb00hw01qk4	INT8	#	Multiplex section background block errors at the Far . An errored block is a block in which one or more bits have an error. B2 byte in section overhead header (SOH) is used for the multiplex section error monitoring using Bit Interleaved Parity 8 (BIP 8) code, in an even parity. The BIP 8 is computed over all bit or previous STM frames after scrambling and is placed in byte B2 of the current frame before scrambling.	Sum, tot
fe_mux_es	nok_intf_meas_stm1_tab.ss34qb6ahl26seccb00hw01qk4	INT8	#	Multiplex section errored second at the Far End. The number of seconds with one or more errored blocks or at least one defect. At the end of each one second interval the contents of the counters are obtained by the relevant managed objects	Sum, tot
fe_mux_ses	nok_intf_meas_stm1_tab.ss40wc6ahl26seccb00hw01qk4	INT8	#	Multiplex section severely errored second at the Far End. The number of one second periods which contain greater than or	Sum, tot

				equal to threshold errored blocks or at least one defect. The threshold can be handled by Exchange terminal configuration handling MML. At the end of each one second interval the contents of the counters may be obtained by the relevant managed objects	
fe_mux_uas	nok_intf_meas_stm1_tab.ss1gb02ahl26seccb00hw01qk4	INT8	#	Multiplex section unavailable seconds at the Far End. A period of unavailable time begins at the start of ten consecutive severely errored second (SES) events. These ten seconds are considered to be part of unavailable time. A new period of available time begins at the start of ten consecutive non SES events. These ten seconds are considered to be part of available time.	Sum, tot
fe_path1_bbe	nok_intf_meas_stm1_tab.ss5vpq6ahl26seccb00hw01qk4	INT8	#	Path termination section background block errors at the	Sum, tot

				Far End. An errored block is a block in which one or more bits have an error. B3 byte in section overhead header (SOH) is used for the path termination section error monitoring using Bit Interleaved Parity 8 (BIP 8) code, in an even parity. The BIP 8 is computed over all bits or previous STM frames after scrambling and is placed in byte B3 of the current frame before scrambling	
fe_path1_es	nok_intf_meas_stm1_tab.ss6x0l2ahl26seccb00hw01qk4	INT8	#	Path termination section errored second at the Far End. The number of seconds with one or more errored blocks or at least one defect. At the end of each one second interval the contents of the counters are obtained by the relevant managed objects.	Sum, tot
fe_path1_ses	nok_intf_meas_stm1_tab.ssaxjgpahl26seccb00hw01qk4	INT8	#	Path termination section severely errored second at the Far End. The number of one second periods which contain greater than or equal to threshold errored blocks or at	Sum, tot

				least one defect. The threshold can be handled by Exchange terminal configuration handling MML. At the end of each one second interval the contents of the counters may be obtained by the relevant managed objects.	
fe_path1_uas	nok_intf_meas_stm1_tab.ss4vydpahl26seccb00hw01qk4	INT8	#	Path termination section unavailable seconds at the Far. A period of unavailable time begins at the start of ten consecutive severely errored second (SES) events. These ten seconds are considered to be part of the unavailable time. A new period of available time begins at the start often consecutive non SES events. These ten seconds are considered to be part of the available time.	Sum, tot
fe_path2_bbe	nok_intf_meas_stm1_tab.sscwrbtahl26seccb00hw01qk4	INT8	#	Path termination section background block errors at the Far End. An errored	Sum, tot

				block is a block in which one or more bits were in error. B3 byte in section overhead header (SOH) is used for the path termination section error monitoring using Bit Interleaved Parity 8 (BIP 8) code, in an even parity. The BIP 8 is computed over all bits or previous STM frames after scrambling and is placed in byte B3 of the current frame before scrambling.	
fe_path2_es	nok_intf_meas_stm1_tab.ssdwnalahl26seccb00hw01qk4	INT8	#	Path termination section errored second at the Far End. The number of seconds with one or more errored blocks or at least one defect. At the end of each one second interval the contents of the counters are obtained by the relevant managed objects.	Sum, tot
fe_path2_ses	nok_intf_meas_stm1_tab.sseup12ahl26seccb00hw01qk4	INT8	#	Path termination section severely errored second at the Far End. The number of one second periods which contain greater than or equal to threshold errored blocks or at least one defect.	Sum, tot

				The threshold can be handled by Exchange terminal configuration handling MML. At the end of each one second interval the contents of the counters may be obtained by the relevant managed objects.	
fe_path2_uas	nok_intf_meas_stm1_tab.ssbwm16ahl26seccb00hw01qk4	INT8	#	Path termination section unavailable seconds at the Far End (ITU T G.826). A period of unavailable time begins at the start of ten consecutive severely errored second (SES) events. These ten seconds are considered to be part of the unavailable time. A new period of available time begins at the start often consecutive non SES events.	Sum, tot
fe_path3_bbe	nok_intf_meas_stm1_tab.ssgrkrlahl26seccb00hw01qk4	INT8	#	Path termination section background block errors at the Far End. An errored block is a block in which one or more bits are in error. B3 byte in section	Sum, tot

				overhead header (SOH) is used for the path termination section error monitoring using Bit Interleaved Parity 8 (BIP 8) code in an even parity. The BIP 8 is computed over all bits or previous STM frame after scrambling and is placed in byte B3 of the current frame before scrambling.	
fe_path3_es	nok_intf_meas_stm1_tab.sshrnl2ahl26seccb00hw01qk4	INT8	#	Path termination section errored second at the Far End. The number of seconds with one or more errored blocks or at least one defect. At the end of each one second interval the contents of the counters are obtained by the relevant managed objects. The object is path termination section (B3) errors	Sum, tot
fe_path3_ses	nok_intf_meas_stm1_tab.ssiqag6ahl26seccb00hw01qk4	INT8	#	Path termination section severely errored second at the Far End). The number of one seconds periods which contain greater than or equal to threshold errored blocks or at least one defect. The threshold can be handled by	Sum, tot

				Exchange terminal configuration handling MML. At the end of each one second interval the contents of the counters may be obtained by the relevant managed objects.	
fe_path3_uas	nok_intf_meas_stm1_tab.ssfsr06ahl26seccb00hw01qk4	INT8	#	Path termination section unavailable seconds at the Far End. A period of unavailable time begins at the start of ten consecutive severely errored second (SES) events. These ten seconds are considered to be part of the unavailable time. A new period of available time begins at the start often consecutive non SES events. These ten seconds are considered to be part of available time.	Sum, tot
ne_mux_bbe	nok_intf_meas_stm1_tab.srmrhctahl26seccb00hw01qk4	INT8	#	Multiplex section background block errors at the Near End. An errored block is a block in which one or more bits have an error.	Sum, tot

This edition applies to IBM® Tivoli® Netcool® Performance Manager for Wireless and to all subsequent releases and modifications until otherwise indicated in new editions.

				B2 byte in section overhead header (SOH) is used for the multiplex section error monitoring using Bit Interleaved Parity 8 (BIP 8) code, in an even parity. The BIP 8 is computed over all bits or previous STM frames after scrambling and is placed in byte B2 of the current frame before scrambling.	
ne_mux_es	nok_intf_meas_stm1_tab.srnrk1hahl26seccb00hw01qk4	INT8	#	Multiplex section errored seconds at the Near End.The number of seconds with one or more errored blocks or at least one defect. At the end of each one second interval the contents of the counters are obtained by the relevant managed objects.	Sum, tot
ne_mux_ses	nok_intf_meas_stm1_tab.srordmdahl26seccb00hw01qk4	INT8	#	Multiplex section severely errored second at the Near End.The number of one second periods which contain greater than or equal threshold errored blocks or at least one defect. The threshold can be handled by Exchange terminal configuration	Sum, tot

				handling MML. At the end of each one second interval the contents of the counters may be obtained by the relevant managed objects.	
ne_mux_uas	nok_intf_meas_stm1_tab.srlt2exahl26seccb00hw01qk4	INT8	#	Multiplex section unavailable seconds at the Near End. A period of unavailable time begins at the start of ten consecutive SES events. These ten seconds are considered to be part of unavailable time. A new period of available time begins at the start of ten consecutive non SES events. These ten seconds are considered to be part of available time.	Sum, tot
ne_path1_bbe	nok_intf_meas_stm1_tab.srqiucpahl26seccb00hw01qk4	INT8	#	Path termination section background block errors at the Near End. An errored block is a block in which one or more bits have an error. B3 byte in section overhead header (SOH) is used for the path termination section	Sum, tot

				error monitoring using Bi Interleaved Parity 8 (BIP 8) code, in an even parity. The BIP 8 is computed over all bits or previous STM frame after scrambling and is placed in byte B3 of the current frame before scrambling.	
ne_path1_es	nok_intf_meas_stm1_tab.srrf1ipahl26seccb00hw01qk4	INT8	#	Path termination section errored second at the Near. The number of seconds with one or more errored blocks or at least one defect. At the end of each one second interval the contents of the counters are obtained by the relevant managed objects	Sum, tot
ne_path1_ses	nok_intf_meas_stm1_tab.srsbhjhahl26seccb00hw01qk4	INT8	#	Path termination section severely errored second at the Near End. The number of one second periods which contain greater than or equal to threshold errored blocks or at least one defect. The threshold can be handled by Exchange terminal configuration handling MML. At the end of each one second interval the contents of the	Sum, tot

				counters may be obtained by the relevant managed objects.	
ne_path1_uas	nok_intf_meas_stm1_tab.srpmqh2ahl26seccb00hw01qk4	INT8	#	Path termination section unavailable seconds at the Near End. A period of unavailable time begins at the start of ten consecutive severely errored second (SES) events. These ten seconds are considered to be part of the unavailable time. A new period of available time begins at the start often consecutive non SES events. These ten seconds are considered to be part of the available time.	Sum, tot
ne_path2_bbe	nok_intf_meas_stm1_tab.srue65pahl26seccb00hw01qk4	INT8	#	Path termination section background block errors at the Near End. An errored block is a block in which one or more bits have an error. B3 byte in section overhead header (SOH) is used for the path termination section error monitoring	Sum, tot

				using Bit Interleaved Parity 8 (BIP 8) code, in an even parity. The BIP 8 is computed over all bits or previous STM frame after scrambling and is placed in byte B3 of the current frame before scrambling.	
ne_path2_es	nok_intf_meas_stm1_tab.srvaolpahl26seccb00hw01qk4	INT8	#	Path termination section errored second at the Near End .The number of seconds with one or more errored blocks or at least one defect. At the end of each one second interval the contents of the counters are obtained by the relevant managed objects.	Sum, tot
ne_path2_ses	nok_intf_meas_stm1_tab.srw2jxpahl26seccb00hw01qk4	INT8	#	Path termination section severely errored second at the Near End. The number of one second periods which contained greater than or equal to threshold errored blocks or at least one defect. The threshold can be handled by Exchange terminal configuration handling MML. At the end of each one second interval the contents of the	Sum, tot

				counters may be obtained by the relevant managed objects	
ne_path2_uas	nok_intf_meas_stm1_tab.srtcdy6ahl26seccb00hw01qk4	INT8	#	Path termination section unavailable seconds at the Near End. A period of unavailable time begins at the start of ten consecutive severely errored second (SES) events. These ten seconds are considered to be part of the unavailable time. A new period of available time begins at the start often consecutive non SES events. These ten seconds are considered to be part of the available time.	Sum, tot
ne_path3_bbe	nok_intf_meas_stm1_tab.srxtpftahl26seccb00hw01qk4	INT8	#	Path termination section background block errors at the Near End. An errored block is a block in which one or more bits have an error. B3 byte in section overhead header (SOH) is used for the path termination section error monitoring	Sum, tot

				using Bit Interleaved Parity 8 (BIP 8) code, in an even parity. The BIP 8 is computed over all bits or previous STM frames after scrambling and is placed in byte B3 of the current frame before scrambling.	
ne_path3_es	nok_intf_meas_stm1_tab.sryouqlahl26seccb00hw01qk4	INT8	#	Path termination section errored second at the Near End. The number of seconds with one or more errored blocks or at least one defect. At the end of each one second interval the contents of the counters are obtained by the relevant managed objects.	Sum, tot
ne_path3_ses	nok_intf_meas_stm1_tab.ss0knttahl26seccb00hw01qk4	INT8	#	Path termination section severely errored second at the Near End. The number of one second periods which contain greater than or equal to threshold errored blocks or at least one defect. The threshold can be handled by Exchange terminal configuration handling MML. At the end of each one second interval the contents of the	Sum, tot

				counters may be obtained by the relevant managed objects.	
ne_path3_uas	nok_intf_meas_stm1_tab.srwwybdahl26seccb00hw01qk4	INT8	#	Path termination section unavailable seconds at the Near End. A period of unavailable time begins at the start of ten consecutive severely errored second (SES) events. These ten seconds are considered to be part of unavailable time. A new period of available time begins at the start of ten consecutive non SES events. These ten seconds are considered to be part of available time.	Sum, tot
reg_bbe	nok_intf_meas_stm1_tab.srris32xahl26seccb00hw01qk4	INT8	#	Regenerator section background block errors. An errored block is a block in which one or more bits have an error. B1 byte in section overhead header (SOH) is used for the regeneration section error monitoring using the Bit Interleaved Parity 8 (BIP 8)	Sum, tot

				code, in an even parity.The BIP 8 is computed over all bits or previous STM frames after scrambling, and is placed in byte B1 of the current frame before scrambling.In this case the block means STM1 frame.	
reg_es	nok_intf_meas_stm1_tab.srjsp2lahl26seccb00hw01qk4	INT8	#	Regenerator section errored second. The number of seconds with one or more errored blocks or at least one defect. At the end of each one second interval the contents of the counters are obtained by the relevant managed objects. The objects are regeneration section (B1) errors and regeneration section Out Of Frame (OOF) events.	Sum, tot
reg_ses	nok_intf_meas_stm1_tab.srkss1pahl26seccb00hw01qk4	INT8	#	The number of one second periods which contained greater than or equal to threshold errored blocks or at least one defect. The threshold can be handled by the Exchange terminal configuration handling MML. The default value of the threshold is 30%. At	Sum, tot

				the end of each one second interval the contents of the counters may be obtained by the relevant managed objects. The objects are regeneration section (B1) errors and regeneration section OOF events.	
reg_uas	nok_intf_meas_stm1_tab.srhsdnpahl26seccb00hw01qk4	INT8	#	Regenerator section is unavailable for a number of seconds. The period of unavailable time begins at the start of ten consecutive severely errored second (SES) events. These ten seconds are considered to be part of unavailable time. A new period of available time begins at the start of ten consecutive non SES events. These ten seconds are considered to be a part of the available time.	Sum, tot

6.24 IP_IF Performance Indicators

- IP_IF.Nokia.UMTS.ip_qos_meas
- IP_IF.Nokia.UMTS.ipv4_datagrams
- IP_IF.Nokia.UMTS.ipv6_datagrams
- IP_IF.Nokia.UMTS.udp_meas_ip_interface

6.24.1 IP_IF.Nokia.UMTS.ip_qos_meas

IP packets performance statistics

The performance data measurements for this KPI group are recorded against the combination of IP_IF and IP_PHB (ip_phb_id)

KPI Name	Expression	Data Type	Units	Description	Aggregation
discarded_packets	nok_nk_ip_qos_tab.xw0rpq2dmm2aicsd002uaxybdk	INTEGER	#	The number of received IP packets discarded. Possible reasons for the discard can be for example unknown protocol, version number mismatch, other format errors, time-to-live exceeded or errors discovered in processing IP options.	Sum, nkrttbh, tot
egress_sent_bytes	nok_nk_ip_qos_tab.xw0rpq0dmm2aicsd002uaxybdk	INTEGER	Byte	The amount of data sent in IP packets.	Sum, nkrttbh, tot
egress_sent_packets	nok_nk_ip_qos_tab.xw0rppxdmm2aicsd002uaxybdk	INTEGER	#	The number of IP packets sent.	Sum, nkrttbh, tot
ingress_received_bytes	nok_nk_ip_qos_tab.xw0rppvdmm2aicsd002uaxybdk	INTEGER	Byte	The amount of data received in IP packets.	Sum, nkrttbh, tot
ingress_received_packets	nok_nk_ip_qos_tab.xw0rpptdmm2aicsd002uaxybdk	INTEGER	#	The number of IP packets received.	Sum, nkrttbh, tot

6.24.2 IP_IF.Nokia.UMTS.ipv4_datagrams

IPv4 datagrams statistics

KPI Name	Expression	Data Type	Units	Description	Aggregation

ip4_in_bytes	nok_nk_ipv4_dgram_tab.xpvf0h6dmm2aicsd002uaxybdk	INTEGER	Byte	The amount of data received in IPv4 datagrams.	Sum, nkrttbh, tot
ip4_in_delivers	nok_nk_ipv4_dgram_tab.xw0rpo2dmm2aicsd002uaxybdk	INTEGER	#	The number of IPv4 datagrams delivered to L4 processing	Sum, nkrttbh, tot
ip4_in_forw_datagrams	nok_nk_ipv4_dgram_tab.xw0rpo0dmm2aicsd002uaxybdk	INTEGER	#	The number of forwarded IPv4 datagrams	Sum, nkrttbh, tot
ip4_in_hdr_errors	nok_nk_ipv4_dgram_tab.xw0rpnxdmm2aicsd002uaxybdk	INTEGER	#	The number of received IPv4 datagrams with header error	Sum, nkrttbh, tot
ip4_in_no_routes	nok_nk_ipv4_dgram_tab.xw0rpo4dmm2aicsd002uaxybdk	INTEGER	#	The number of IPv4 datagrams in which there was no IP route defined	Sum, nkrttbh, tot
ip4_in_reas_reqds	nok_nk_ipv4_dgram_tab.xw0rpo6dmm2aicsd002uaxybdk	INTEGER	#	The number of IPv4 datagrams for which reassembly was required	Sum, nkrttbh, tot
ip4_in_receives	nok_nk_ipv4_dgram_tab.xw0rpnvdmm2aicsd002uaxybdk	INTEGER	#	The number of received IPv4 datagrams	Sum, nkrttbh, tot
ip4_out_bytes	nok_nk_ipv4_dgram_tab.xw0rpobdmm2aicsd002uaxybdk	INTEGER	Byte	The amount of data sent in IPv4 datagrams.	Sum, nkrttbh, tot
ip4_out_frag_fails	nok_nk_ipv4_dgram_tab.xw0rpojdmm2aicsd002uaxybdk	INTEGER	#	The number of sent IPv4 datagrams which could not be successfully fragmented	Sum, nkrttbh, tot
ip4_out_frag_oks	nok_nk_ipv4_dgram_tab.xw0rpohdmm2aicsd002uaxy	INTEGER	#	The number of sent IPv4 datagrams	Sum, nkrttbh,

This edition applies to IBM® Tivoli® Netcool® Performance Manager for Wireless and to all subsequent releases and modifications until otherwise indicated in new editions.

	bdk			which could be successfully fragmented	tot
ip4_out_fragreates	nok_nk_ipv4_dgram_tab.xw0rpoldmm2aicsd002uaxybdk	INTEGER	#	The number of fragments created for sent IPv4 datagrams.	Sum, nkrttbh, tot
ip4_out_no_l2_routes	nok_nk_ipv4_dgram_tab.xw0rpofdmm2aicsd002uaxybdk	INTEGER	#	The number of sent IPv4 datagrams for which the L2 gateway was not found	Sum, nkrttbh, tot
ip4_out_requests	nok_nk_ipv4_dgram_tab.xw0rpoddmm2aicsd002uaxybdk	INTEGER	#	The number of locally sent IPv4 datagrams	Sum, nkrttbh, tot

6.24.3 IP_IF.Nokia.UMTS.ipv6_datagrams

IPv6 datagrams statistics

KPI Name	Expression	Data Type	Units	Description	Aggregation
ip6_in_bytes	nok_nk_ipv6_dgram_tab.xw0rpondmm2aicsd002uaxybdk	INTEGER	Byte	The amount of data received in IPv6 datagrams.	Sum, nkrttbh, tot
ip6_in_delivers	nok_nk_ipv6_dgram_tab.xw0rpovdmm2aicsd002uaxybdk	INTEGER	#	The number of IPv6 datagrams delivered to L4 processing	Sum, nkrttbh, tot
ip6_in_forw_datagrams	nok_nk_ipv6_dgram_tab.xw0rpotdmm2aicsd002uaxybdk	INTEGER	#	The number of forwarded IPv6 datagrams	Sum, nkrttbh, tot
ip6_in_hdr_errors	nok_nk_ipv6_dgram_tab.xw0rpordmm2aicsd002uaxybdk	INTEGER	#	The number of received IPv6 datagrams with header error	Sum, nkrttbh, tot
ip6_in_no_routes	nok_nk_ipv6_dgram_tab.xw0rpoxdmm2aicsd002uaxybdk	INTEGER	#	The number of IPv6 datagrams in which there was no IP route defined	Sum, nkrttbh, tot

ip6_in_reas_reqds	nok_nk_ipv6_dgram_tab.xw0rpp0dmm2aicsd002uaxybdk	INTEGER	#	The number of IPv6 datagrams for which reassembly was required	Sum, nkrttbh, tot
ip6_in_receives	nok_nk_ipv6_dgram_tab.xw0rpopdmm2aicsd002uaxybdk	INTEGER	#	The number of received IPv6 datagrams	Sum, nkrttbh, tot
ip6_in_too_big_errors	nok_nk_ipv6_dgram_tab.xw0rpp2dmm2aicsd002uaxybdk	INTEGER	#	The number of IPv6 datagrams which exceed MTU	Sum, nkrttbh, tot
ip6_in_truncated_pkts	nok_nk_ipv6_dgram_tab.xw0rpp4dmm2aicsd002uaxybdk	INTEGER	#	The number of discarded IPv6 datagrams which do not carry enough data.	Sum, nkrttbh, tot
ip6_out_bytes	nok_nk_ipv6_dgram_tab.xw0rpp6dmm2aicsd002uaxybdk	INTEGER	Byte	The amount of data sent in IPv6 datagrams.	Sum, nkrttbh, tot
ip6_out_frag_fails	nok_nk_ipv6_dgram_tab.xw0rpphdmm2aicsd002uaxybdk	INTEGER	#	The number of sent IPv6 datagrams which could not be successfully fragmented.	Sum, nkrttbh, tot
ip6_out_frag_oks	nok_nk_ipv6_dgram_tab.xw0rppfdmm2aicsd002uaxybdk	INTEGER	#	The number of sent IPv6 datagrams which could be successfully fragmented.	Sum, nkrttbh, tot
ip6_out_fragreates	nok_nk_ipv6_dgram_tab.xw0rppjdmm2aicsd002uaxybdk	INTEGER	#	The number of fragments which are created for the sent IPv6 datagrams.	Sum, nkrttbh, tot
ip6_out_no_l2_routes	nok_nk_ipv6_dgram_tab.xw0rppddmm2aicsd002uaxybdk	INTEGER	#	The number of sent IPv6 datagrams for which the L2	Sum, nkrttbh, tot

This edition applies to IBM® Tivoli® Netcool® Performance Manager for Wireless and to all subsequent releases and modifications until otherwise indicated in new editions.

				gateway was not found.	
ip6_out_requests	nok_nk_ipv6_dgram_tab.xw0rppbdmm2aicsd002uaxybdk	INTEGER	#	The number of IPv6 datagrams which are locally sent.	Sum, nkrttbh, tot

6.24.4 IP_IF.Nokia.UMTS.udp_meas_ip_interface

UDP datagrams statistics

KPI Name	Expression	Data Type	Units	Description	Aggregation
in_datagrams	nok_udp_measipif_tab.xw0rppldmm2aicsd002uaxybdk	INTEGER	#	The number of UDP datagrams received.	Sum, nkrttbh, tot
in_errors	nok_udp_measipif_tab.xw0rpppdmm2aicsd002uaxybdk	INTEGER	#	The number of UDP datagrams received with errors.	Sum, nkrttbh, tot
no_ports	nok_udp_measipif_tab.xw0rppndmm2aicsd002uaxybdk	INTEGER	#	The number of UDP datagrams for which there is no application at the destination port.	Sum, nkrttbh, tot
out_datagrams	nok_udp_measipif_tab.xw0rpprdmm2aicsd002uaxybdk	INTEGER	#	The number of UDP datagrams sent.	Sum, nkrttbh, tot

6.25 IP_Route Performance Indicators

- IP_Route.Nokia.UMTS.rnc_rtp_rtcp_measurement

6.25.1 IP_Route.Nokia.UMTS.rnc_rtp_rtcp_measurement

RTP and RTCP packets performance statistics

KPI Name	Expression	Data Type	Units	Description	Aggregation
lost_egress_rtp_packets	nok_nkrnc_rtprtcp_tab.xw0rpx2dmm2aicsd002uaxybd	INTEGER	#	The number of lost egress direction	Sum, nkrttbh,

	k			RTP data packets that are reported to be missing by MGW using RTCP protocol messages.	tot
lost_rtp_packets	nok_nkrnc_rtprtcp_tab.xw0rpvldmm2aicsd002uaxybdk	INTEGER	#	The number of lost ingress direction RTP data packets that are not received according to the received sequence numbers.	Sum, nkrttbh, tot
max_rtp_jitter	nok_nkrnc_rtprtcp_tab.xw0rpx0dmm2aicsd002uaxybdk	INTEGER	ms	The maximum jitter value within the collected 5 second samples during the measurement interval.	Constant, avg, max, min, nkrttbh, tot
rec_rtcp_packets	nok_nkrnc_rtprtcp_tab.xw0rpvpdmm2aicsd002uaxybdk	INTEGER	#	The number of received RTCP packets.	Sum, nkrttbh, tot
rec_rtp_packets	nok_nkrnc_rtprtcp_tab.xw0rpvddmm2aicsd002uaxybdk	INTEGER	10Packets	The number of received RTP packets. The actual number of packets can be calculated by multiplying this counter value by 10.	Sum, nkrttbh, tot
rec_rtp_payload	nok_nkrnc_rtprtcp_tab.xw0rpvfdmm2aicsd002uaxybdk	INTEGER	100Byte	The RTP payload data received during the measurement interval. Header and padding data is not included.	Sum, nkrttbh, tot
rtp_jitter_class_10	nok_nkrnc_rtprtcp_tab.xw0	INTEG	#	The number of 5	Sum,

This edition applies to IBM® Tivoli® Netcool® Performance Manager for Wireless and to all subsequent releases and modifications until otherwise indicated in new editions.

	rpwddmm2aicsd002uaxybdk	ER		second sampling intervals where the average RTP jitter is in range 9...10 ms.	nkrttbh, tot
rtp_jitter_class_11	nok_nkrnc_rtprtcp_tab.xw0rpwfdmm2aicsd002uaxybdk	INTEGER	#	The number of 5 second sampling intervals where the average RTP jitter is in range 10...15 ms.	Sum, nkrttbh, tot
rtp_jitter_class_12	nok_nkrnc_rtprtcp_tab.xw0rpwhdmm2aicsd002uaxybdk	INTEGER	#	The number of 5 second sampling intervals where the average RTP jitter is in range 15...20 ms.	Sum, nkrttbh, tot
rtp_jitter_class_13	nok_nkrnc_rtprtcp_tab.xw0rpwjdmm2aicsd002uaxybdk	INTEGER	#	The number of 5 second sampling intervals where the average RTP jitter is in range 20...25 ms.	Sum, nkrttbh, tot
rtp_jitter_class_14	nok_nkrnc_rtprtcp_tab.xw0rpwldmm2aicsd002uaxybdk	INTEGER	#	The number of 5 second sampling intervals where the average RTP jitter is in range 25...30 ms.	Sum, nkrttbh, tot
rtp_jitter_class_15	nok_nkrnc_rtprtcp_tab.xw0rpwndmm2aicsd002uaxybdk	INTEGER	#	The number of 5 second sampling intervals where the average RTP jitter is in range 30...35 ms.	Sum, nkrttbh, tot
rtp_jitter_class_16	nok_nkrnc_rtprtcp_tab.xw0rpwpdmm2aicsd002uaxybdk	INTEGER	#	The number of 5 second sampling intervals where the average RTP jitter is in range 35...40 ms.	Sum, nkrttbh, tot

rtp_jitter_class_17	nok_nkrnc_rtprtcp_tab.xw0rpwrdmm2aicsd002uaxybdk	INTEGER	#	The number of 5 second sampling intervals where the average RTP jitter is in range 40...45 ms.	Sum, nkrttbh, tot
rtp_jitter_class_18	nok_nkrnc_rtprtcp_tab.xw0rpwtdmm2aicsd002uaxybdk	INTEGER	#	The number of 5 second sampling intervals where the average RTP jitter is in range 45...50 ms.	Sum, nkrttbh, tot
rtp_jitter_class_19	nok_nkrnc_rtprtcp_tab.xw0rpwvdmm2aicsd002uaxybdk	INTEGER	#	The number of 5 second sampling intervals where the average RTP jitter is in range 50...55 ms.	Sum, nkrttbh, tot
rtp_jitter_class_1	nok_nkrnc_rtprtcp_tab.xw0rpvrdmm2aicsd002uaxybdk	INTEGER	#	The number of 5 second sampling intervals where the average RTP jitter is below 1 ms.	Sum, nkrttbh, tot
rtp_jitter_class_20	nok_nkrnc_rtprtcp_tab.xw0rpwxdmm2aicsd002uaxybdk	INTEGER	#	The number of 5 second sampling intervals where the average RTP jitter is in larger than 55 ms.	Sum, nkrttbh, tot
rtp_jitter_class_2	nok_nkrnc_rtprtcp_tab.xw0rpvtdmm2aicsd002uaxybdk	INTEGER	#	The number of 5 second sampling intervals where the average RTP jitter is in range 1...2 ms.	Sum, nkrttbh, tot
rtp_jitter_class_3	nok_nkrnc_rtprtcp_tab.xw0rpvvdmm2aicsd002uaxybdk	INTEGER	#	The number of 5 second sampling intervals where the	Sum, nkrttbh, tot

This edition applies to IBM® Tivoli® Netcool® Performance Manager for Wireless and to all subsequent releases and modifications until otherwise indicated in new editions.

				average RTP jitter is in range 2...3 ms.	
rtp_jitter_class_4	nok_nkrnc_rtprtcp_tab.xw0rpvxdmm2aicsd002uaxybdk	INTEGER	#	The number of 5 second sampling intervals where the average RTP jitter is in range 3...4 ms.	Sum, nkrttbh, tot
rtp_jitter_class_5	nok_nkrnc_rtprtcp_tab.xw0rpw0dmm2aicsd002uaxybdk	INTEGER	#	The number of 5 second sampling intervals where the average RTP jitter is in range 4...5 ms.	Sum, nkrttbh, tot
rtp_jitter_class_6	nok_nkrnc_rtprtcp_tab.xw0rpw2dmm2aicsd002uaxybdk	INTEGER	#	The number of 5 second sampling intervals where the average RTP jitter is in range 5...6 ms.	Sum, nkrttbh, tot
rtp_jitter_class_7	nok_nkrnc_rtprtcp_tab.xw0rpw4dmm2aicsd002uaxybdk	INTEGER	#	The number of 5 second sampling intervals where the average RTP jitter is in range 6...7 ms.	Sum, nkrttbh, tot
rtp_jitter_class_8	nok_nkrnc_rtprtcp_tab.xw0rpw6dmm2aicsd002uaxybdk	INTEGER	#	The number of 5 second sampling intervals where the average RTP jitter is in range 7...8 ms.	Sum, nkrttbh, tot
rtp_jitter_class_9	nok_nkrnc_rtprtcp_tab.xw0rpwbdmm2aicsd002uaxybdk	INTEGER	#	The number of 5 second sampling intervals where the average RTP jitter is in range 8...9 ms.	Sum, nkrttbh, tot
sent_rtcp_packets	nok_nkrnc_rtprtcp_tab.xw0rpvndmm2aicsd002uaxybdk	INTEGER	#	The number of sent RTCP packets.	Sum, nkrttbh, tot
sent_rtp_packets	nok_nkrnc_rtprtcp_tab.xw0rpvhdmm2aicsd002uaxybdk	INTEGER	10Packets	The number of sent RTP packets. The actual number of packets can be calculated by multiplying this	Sum, nkrttbh, tot

				counter value by 10.	
sent_rtp_payload	nok_nkrnc_rtprtcp_tab.xw0rpvjdmm2aicsd002uaxybdk	INTEGER	100Bytes	The RTP payload data sent during the measurement interval. Header and padding data is not included.	Sum, nkrttbh, tot

6.26 IP_Route_BTS Performance Indicators

- IP_Route_BTS.Nokia.UMTS.ip_route_measurements
- IP_Route_BTS.Nokia.UMTS.ip_transport_resource_reservations

6.26.1 IP_Route_BTS.Nokia.UMTS.ip_route_measurements

IP route measurements

KPI Name	Expression	Data Type	Units	Description	Aggregation
committed_bit_rate_ip_route	nok_nk_iproute_tab.xw0rpqbdmm2aicsd002uaxybdk	FLOAT	kbps	IP Based Route committed bit rate at the end of the measurement interval.	Constant, avg, max, min, nkrttbh, tot
in_data_ip_route	nok_nk_iproute_tab.xw0rpq6dmm2aicsd002uaxybdk	INTEGER	kByte	The IP datagram data volume received from IP route (ingress).	Sum, nkrttbh, tot
max_ip_udp_conn_ip_route	nok_nk_iproute_tab.xw0rpqndmm2aicsd002uaxybdk	INTEGER	#	The maximum number of IP/UDP connections during the measurement interval.	Constant, avg, max, min, nkrttbh, tot
max_reserved_rate_ip_route	nok_nk_iproute_tab.xw0rpqhdmm2aicsd002uaxybdk	FLOAT	kbps	The maximum value of reserved IP	Constant, avg, max,

				layer bit rate during the measurement interval.	min, nkrttbh, tot
min_ip_udp_conn_ip_route	nok_nk_iproute_tab.xw0rpqldmm2aicsd002uaxybdk	INTEGER	#	The minimum number of IP/UDP connections during the measurement interval.	Minimum, avg, max, min, nkrttbh, tot
min_reserved_rate_ip_route	nok_nk_iproute_tab.xw0rpqfdmm2aicsd002uaxybdk	FLOAT	kbps	The minimum value of reserved IP layer bit rate during the measurement interval.	Minimum, avg, max, min, nkrttbh, tot
nbr_samples_ip_route	nok_nk_iproute_tab.xw0rpqpdmm2aicsd002uaxybdk	INTEGER	#	The number of samples used for calculating the average number of IP/UDP connections and the average reserved bit rate.	Sum, nkrttbh, tot
out_data_ip_route	nok_nk_iproute_tab.xw0rpq4dmm2aicsd002uaxybdk	INTEGER	kByte	The IP datagram data volume sent out to IP route (egress).	Sum, nkrttbh, tot
sum_ip_udp_conn_ip_route	nok_nk_iproute_tab.xw0rpqjdmm2aicsd002uaxybdk	INTEGER	#	The sum of UDP/IP connections for IP based route. This counter, divided by the denominator M568C9, provides the average number of connections.	Sum, nkrttbh, tot
sum_reserved_rate_ip_route	nok_nk_iproute_tab.xw0rpqddmm2aicsd002uaxybdk	FLOAT	kbps	Sum of samples for IP layer bit rate for IP based route. This counter, divided by the denominator M568C9, provides the average reserved bit rate.	Sum, nkrttbh, tot

6.26.2 IP_Route_BTS.Nokia.UMTS.ip_transport_resource_reservations

IP transport resource reservation statistics

KPI Name	Expression	Data Type	Units	Description	Aggregation
_%_ip_route_accessibility	100 * {succ_rnc_ip_res}/ ({succ_rnc_ip_res}+ {fail_rnc_ip_res_ext}+ {fail_rnc_ip_res_int}+ {fail_rnc_ip_res_other})	FLOAT	%	IP Route Accessibility	Average, nkrttbh, tot
fail_bts_ip_res_ext_trans	nok_nkrnc_iptpreresev_tab.xw0rpxhdmm2aicsd002uaxybdk	INTEGER	#	The number of failed IP transport resource reservations in the BTS due to external connection admission control.	Sum, nkrttbh, tot
fail_bts_ip_res_other_trans	nok_nkrnc_iptpreresev_tab.xw0rpxjdmm2aicsd002uaxybdk	INTEGER	#	The number of failed IP transport resource reservations in the BTS due to some other transport related failure.	Sum, nkrttbh, tot
fail_rnc_ip_res_ext	nok_nkrnc_iptpreresev_tab.xw0rpx6dmm2aicsd002uaxybdk	INTEGER	#	The number of failed IP transport resource reservations in the RNC due to external connection admission control.	Sum, nkrttbh, tot
fail_rnc_ip_res_int	nok_nkrnc_iptpreresev_tab.xw0rpxbdmm2aicsd002uaxybdk	INTEGER	#	The number of failed IP transport resource reservations in the RNC due to internal connection admission control.	Sum, nkrttbh, tot

fail_rnc_ip_res_other	nok_nkrnc_iptpreresev_tab.xw0rpxddmm2aicsd002uaxybdk	INTEGER	#	The number of failed IP transport resource reservations in the RNC due to other than connection admission control reasons.	Sum, nkrttbh, tot
succ_bts_ip_res	nok_nkrnc_iptpreresev_tab.xw0rpxfdmm2aicsd002uaxybdk	INTEGER	#	The number of successful IP transport resource reservations in the BTS.	Sum, nkrttbh, tot
succ_rnc_ip_res	nok_nkrnc_iptpreresev_tab.xw0rpx4dmm2aicsd002uaxybdk	INTEGER	#	The number of successful IP transport resource reservations in the RNC.	Sum, nkrttbh, tot

6.27 IuPC_IF Performance Indicators

- IuPC_IF.Nokia.UMTS.sas_performance

6.27.1 IuPC_IF.Nokia.UMTS.sas_performance

RNC to SAS message statistics.

KPI Name	Expression	Data Type	Units	Description	Aggregation
assistance_data_delivery_failure_from_sas	nok_nksas_perf_tab.ugpugx61im2ahsxr0035xkcuai	INTEGER	#	The number of failed assistance data responses from SAS.	Sum, nkrttbh, tot
assistance_data_requests_to_sas	nok_nksas_perf_tab.ugpugx01im2ahsxr0035xkcuai	INTEGER	#	The number of assistance data requests sent to SAS.	Sum, nkrttbh, tot
dir_pos_init_fail_from_sas	nok_nksas_perf_tab.xdrxaxrdmm2aicsd002uaxybdk	INTEGER	#	The number of received position initiation failures (with direct	Sum, nkrttbh, tot

				reporting) from SAS.	
dir_pos_init_req_to_sas	nok_nksas_perf_tab.xdrxaxndmm2aicsd002uaxybdk	INTEGER	#	The number of sent position initiation requests (with direct reporting) to SAS.	Sum, nkrttbh, tot
dir_pos_init_resp_from_sas	nok_nksas_perf_tab.xdrxaxpdmm2aicsd002uaxybdk	INTEGER	#	The number of received position initiation responses (with direct reporting) from SAS.	Sum, nkrttbh, tot
error_indications_from_sas	nok_nksas_perf_tab.ugpugxj1im2ahsxr0035xkcuai	INTEGER	#	The number of received error indication messages from SAS.	Sum, nkrttbh, tot
per_pos_act_fail_to_sas	nok_nksas_perf_tab.xdrxayfdmm2aicsd002uaxybdk	INTEGER	#	The number of sent position activation failures (with periodical reporting) to SAS.	Sum, nkrttbh, tot
per_pos_act_req_from_sas	nok_nksas_perf_tab.xdrxaybdmm2aicsd002uaxybdk	INTEGER	#	The total number of received position activation requests (with periodical reporting) from SAS.	Sum, nkrttbh, tot
per_pos_act_resp_to_sas	nok_nksas_perf_tab.xdrxayddmm2aicsd002uaxybdk	INTEGER	#	The number of sent position activation responses (with periodical reporting) to SAS.	Sum, nkrttbh, tot
per_pos_init_fail_from_sas	nok_nksas_perf_tab.xdrxay6dmm2aicsd002uaxybdk	INTEGER	#	The number of received position initiation failures	Sum, nkrttbh, tot

This edition applies to IBM® Tivoli® Netcool® Performance Manager for Wireless and to all subsequent releases and modifications until otherwise indicated in new editions.

				(with periodical reporting) from SAS.	
per_pos_init_req_to_sas	nok_nksas_perf_tab.xdrxay2dmm2aicsd002uaxybdk	INTEGER	#	The number of sent position initiation requests (with periodical reporting) to SAS.	Sum, nkrttbh, tot
per_pos_init_resp_from_sas	nok_nksas_perf_tab.xdrxay4dmm2aicsd002uaxybdk	INTEGER	#	The number of received position initiation responses (with periodical reporting) from SAS.	Sum, nkrttbh, tot
per_pos_repo_to_sas	nok_nksas_perf_tab.xdrxayhdmm2aicsd002uaxybdk	INTEGER	#	The number of sent periodical position reports to SAS.	Sum, nkrttbh, tot
position_calculation_delivery_failure_from_sas	nok_nksas_perf_tab.ugpugxh1im2ahsxr0035xkcuai	INTEGER	#	The number of failed position calculation responses from SAS.	Sum, nkrttbh, tot
position_calculation_requests_to_sas	nok_nksas_perf_tab.ugpugxb1im2ahsxr0035xkcuai	INTEGER	#	The number of position calculation requests sent to SAS.	Sum, nkrttbh, tot
rej_dir_loc_due_fail_con_sas	nok_nksas_perf_tab.xdrxayjdmm2aicsd002uaxybdk	INTEGER	#	The total number of rejected direct location requests because the connection to SAS has been lost or cannot be established.	Sum, nkrttbh, tot
rej_per_loc_due_fail_con_sas	nok_nksas_perf_tab.xdrxayldmm2aicsd002uaxybdk	INTEGER	#	The total number of rejected periodical location requests because the connection to SAS has been lost or cannot be	Sum, nkrttbh, tot

				established.	
succ_agps_pos_act_to_sas	nok_nksas_perf_tab.xdrxaxxdmm2aicsd002uaxybdk	INTEGER	#	The number of successfully served AGPS position activation requests (with direct reporting) from SAS.	Sum, nkrttbh, tot
succ_cirtt_pos_act_to_sas	nok_nksas_perf_tab.xdrxaxtdmm2aicsd002uaxybdk	INTEGER	#	The number of successfully served CIRTT position activation requests (with direct reporting) from SAS.	Sum, nkrttbh, tot
successful_assistance_data_delivery_from_sas	nok_nksas_perf_tab.ugpugx41im2ahsxr0035xkcuai	INTEGER	#	The number of assistance data requests successfully served by SAS.	Sum, nkrttbh, tot
successful_position_calculation_results_from_sas	nok_nksas_perf_tab.ugpugxf1im2ahsxr0035xkcuai	INTEGER	#	The number of position calculation requests successfully served by SAS.	Sum, nkrttbh, tot
unsucc_agps_pos_act_to_sas	nok_nksas_perf_tab.xdrxay0dmm2aicsd002uaxybdk	INTEGER	#	The number of unsuccessfully served AGPS position activation requests (with direct reporting) from SAS.	Sum, nkrttbh, tot
unsucc_cirtt_pos_act_to_sas	nok_nksas_perf_tab.xdrxaxvdmm2aicsd002uaxybdk	INTEGER	#	The number of unsuccessfully served CIRTT position activation requests (with	Sum, nkrttbh, tot

				direct reporting) from SAS.	
unsuccessful_assistance_data_requests_using_sas	nok_nksas_perf_tab.ugpugx21im2ahsxr0035xkcuai	INTEGER	#	The number of failed assistance data requests because of SAS was not able to serve the assistance data request.	Sum, nkrttbh, tot
unsuccessful_position_calculations_using_sas	nok_nksas_perf_tab.ugpugxd1im2ahsxr0035xkcuai	INTEGER	#	The number of failed position calculation requests because of SAS was not able to serve the position calculation request.	Sum, nkrttbh, tot

6.28 IuPS_IF Performance Indicators

- IuPS_IF.Nokia.UMTS.iups_interface

6.28.1 IuPS_IF.Nokia.UMTS.iups_interface

RNC to SGSN link connection statistics.

KPI Name	Expression	Data Type	Units	Description	Aggregation
average_nbr_of_gtp_tunnels	nok_nkiups_if_tab.ugpugyp1im2ahsxr0035xkcuai	INTEGER	#	The average number of GTP tunnels during measurement period.	Average, avg, max, min, nkrttbh, tot
echo_request_received	nok_nkiups_if_tab.ugpugyd1im2ahsxr0035xkcuai	INTEGER	#	The number of GTP: Echo Request messages received from SGSN.	Sum, nkrttbh, tot
echo_response_received	nok_nkiups_if_tab.ugpugyf1im2ahsxr0035xkcuai	INTEGER	#	The number of GTP: Echo Response messages received from SGSN.	Sum, nkrttbh, tot

echo_response_sent	nok_nkiups_if_tab.ugpugyh1im2ahsxr0035xkcuai	INTEGER	#	The number of GTP: Echo Response messages sent to SGSN.	Sum, nkrttbh, tot
error_indications_received	nok_nkiups_if_tab.ugpugyj1im2ahsxr0035xkcuai	INTEGER	#	The number of GTP: Error Indication messages received from SGSN.	Sum, nkrttbh, tot
error_indications_sent	nok_nkiups_if_tab.ugpugyl1im2ahsxr0035xkcuai	INTEGER	#	The number of GTP: Error Indication messages sent to SGSN.	Sum, nkrttbh, tot
extens_head_notif_received	nok_nkiups_if_tab.ugpugyn1im2ahsxr0035xkcuai	INTEGER	#	The number of GTP: Supported Extension Headers Notification messages received from SGSN.	Sum, nkrttbh, tot
input_bytes_total_udp	nok_nkiups_if_tab.ugpugxl1im2ahsxr0035xkcuai	INT8	Bytes	The total number of user data bytes received from PS core network to RNC GTPU unit. Includes both user data and control messages payload. Does not include the IP, UDP or GTP headers.	Sum, nkrttbh, tot
input_ip_packets_total	nok_nkiups_if_tab.ugpugxn1im2ahsxr0035xkcuai	INT8	Packets	The number of IP packets received from PS core network to RNC GTPU unit.	Sum, nkrttbh, tot
input_traf_bytes_tc_backgr	nok_nkiups_if_tab.ugpugxv1im2ahsxr0035xkcuai	INT8	Bytes	The number of user data bytes received	Sum, nkrttbh,

				from PS core network to RNC GTPU unit for background class connections. Does not include the IP, UDP or GTP headers.	tot
input_traf_bytes_tc_conv	nok_nkiups_if_tab.ugpugxp1im2ahsxr0035xkcuai	INT8	Bytes	-Obsolete in RN3.0-The number of user data bytes received from PS core network to RNC GTPU unit for conversational class connections. Does not include the IP, UDP or GTP headers.	Sum, nkrttbh, tot
input_traf_bytes_tc_interac	nok_nkiups_if_tab.ugpugxt1im2ahsxr0035xkcuai	INT8	Bytes	The number of user data bytes received from PS core network to RNC GTPU unit for interactive class connections. Does not include the IP, UDP or GTP headers.	Sum, nkrttbh, tot
input_traf_bytes_tc_stream	nok_nkiups_if_tab.ugpugxr1im2ahsxr0035xkcuai	INT8	Bytes	The number of user data bytes received from PS core network to RNC GTPU unit for streaming class connections. Does not include the IP, UDP or GTP headers.	Sum, nkrttbh, tot
max_nbr_of_gtp_tunnels	nok_nkiups_if_tab.ugpugyr1im2ahsxr0035xkcuai	INTEGER	#	The maximum number of GTP tunnels during measurement	Constant, avg, max, min, nkrttbh,

				period.	tot
output_bytes_total_udp	nok_nkiups_if_tab.ugpugxx1im2ahsxr0035xkcuai	INT8	Bytes	The total number of traffic bytes sent from RNC GTPU unit towards PS core network. Includes both user data and control messages payload. Does not include the IP, UDP or GTP headers.	Sum, nkrttbh, tot
output_ip_packets_total	nok_nkiups_if_tab.ugpugy01im2ahsxr0035xkcuai	INT8	Packets	The number of IP packets sent from RNC GTPU unit towards PS core network.	Sum, nkrttbh, tot
output_traf_bytes_tc_backgr	nok_nkiups_if_tab.ugpugyb1im2ahsxr0035xkcuai	INT8	Bytes	The number of user data bytes sent from RNC GTPU unit towards PS core network for background class connections. Does not include the IP, UDP or GTP headers.	Sum, nkrttbh, tot
output_traf_bytes_tc_conv	nok_nkiups_if_tab.ugpugy21im2ahsxr0035xkcuai	INT8	Bytes	-Obsolete in RN3.0-The number of user data bytes sent from RNC GTPU unit towards PS core network for conversational class connections. Does not include the IP, UDP or GTP headers	Sum, nkrttbh, tot

output_traf_bytes_tc_interac	nok_nkiups_if_tab.ugpugy61im2ahsxr0035xkcuai	INT8	Bytes	The number of user data bytes sent from RNC GTPU unit towards PS core network for interactive class connections. Does not include the IP, UDP or GTP headers.	Sum, nkrttbh, tot
output_traf_bytes_tc_stream	nok_nkiups_if_tab.ugpugy41im2ahsxr0035xkcuai	INT8	Bytes	The number of user data bytes sent from RNC GTPU unit towards PS core network for streaming class connections. Does not include the IP, UDP or GTP headers.	Sum, nkrttbh, tot

6.29 LCG Performance Indicators

- LCG.Nokia.UMTS.frame_protocol
- LCG.Nokia.UMTS.wbts_pool_ce_resources

6.29.1 LCG.Nokia.UMTS.frame_protocol

FP payload statistics

KPI Name	Expression	Data Type	Units	Description	Aggregation
cch_data_from_iub	nok_nklcg_frprot_tab.y34uvexdmm2aicsd002uaxybdk	INT8	kByte	Payload data of FP common channels received from the Iub interface to the Local Cell Group.	Sum, nkrttbh, tot
cch_data_to_iub_interface	nok_nklcg_frprot_tab.y34uvevdmm2aicsd002uaxybdk	INT8	kByte	Payload data of FP common channels sent to the Iub interface in the Local Cell Group.	Sum, nkrttbh, tot

cch_fp_frms_w_crc_error	nok_nklcg_frprot_tab.y34uvfbdmm2aicsd002uaxybdk	INT8	Frames	Number of received FP data frames with CRC error from common channels.	Sum, nkrttbh, tot
cch_fp_frms_w_delay	nok_nklcg_frprot_tab.y34uvfddmm2aicsd002uaxybdk	INT8	Frames	Number of received FP data frames with too high delay from common channels.	Sum, nkrttbh, tot
cch_fp_frms_w_oth_err	nok_nklcg_frprot_tab.y34uvffdmm2aicsd002uaxybdk	INT8	Frames	Number of received FP data frames with other error reasons from common channels.	Sum, nkrttbh, tot
cch_fp_rec_data_frms	nok_nklcg_frprot_tab.y34uvf6dmm2aicsd002uaxybdk	INT8	Frames	Number of successfully received FP data frames from common channels.	Sum, nkrttbh, tot
dch_data_from_iub	nok_nklcg_frprot_tab.y34uvf2dmm2aicsd002uaxybdk	INT8	kByte	Payload data of FP dedicated channels received from the Iub interface to the Local Cell Group.	Sum, nkrttbh, tot
dch_data_to_iub	nok_nklcg_frprot_tab.y34uvf0dmm2aicsd002uaxybdk	INT8	kByte	Payload data of FP dedicated channels sent to the Iub interface in the Local Cell Group.	Sum, nkrttbh, tot
dch_fp_rec_frms_w_crc_err	nok_nklcg_frprot_tab.y34uvfjdmm2aicsd002uaxybdk	INT8	Frames	Number of received FP data frames with CRC error from dedicated channels.	Sum, nkrttbh, tot
dch_fp_rec_frms_w_delay	nok_nklcg_frprot_tab.y34uvfldmm2aicsd002uaxybdk	INT8	Frames	Number of received FP data frames with too high delay from dedicated channels.	Sum, nkrttbh, tot

This edition applies to IBM® Tivoli® Netcool® Performance Manager for Wireless and to all subsequent releases and modifications until otherwise indicated in new editions.

dch_fp_rec_frms_w_oth_err	nok_nklcg_frprot_tab.y34uvfndmm2aicsd002uaxybdk	INT8	Frames	Number of received FP data frames with other error reasons from dedicated channels.	Sum, nkrttbh, tot
dch_ok_fp_data_frms	nok_nklcg_frprot_tab.y34uvfhdmm2aicsd002uaxybdk	INT8	Frames	Number of successfully received FP data frames from dedicated channels.	Sum, nkrttbh, tot
edch_data_to_iub	nok_nklcg_frprot_tab.y34uvf4dmm2aicsd002uaxybdk	INT8	kByte	Payload data of FP enhanced dedicated channels sent to the Iub interface in the Local Cell Group.	Sum, nkrttbh, tot
hs_dsch_fp_frms_w_crc	nok_nklcg_frprot_tab.y34uvfrdmm2aicsd002uaxybdk	INT8	Frames	Number of received FP data frames with CRC error from high speed downlink shared channels.	Sum, nkrttbh, tot
hs_dsch_fp_frms_w_oth_err	nok_nklcg_frprot_tab.y34uvftdmm2aicsd002uaxybdk	INT8	Frames	Number of received FP data frames with other error reasons from high speed downlink shared channels.	Sum, nkrttbh, tot
hs_dsch_ok_fp_frms	nok_nklcg_frprot_tab.y34uvfpdmm2aicsd002uaxybdk	INT8	Frames	Number of successfully received FP data frames from high speed downlink shared channels.	Sum, nkrttbh, tot
hsdsch_data_from_iub	nok_nklcg_frprot_tab.y34uvfxdmm2aicsd002uaxybdk	INT8	kByte	Payload data of FP high-speed downlink shared channels received from the Iub interface to the Local Cell Group.	Sum, nkrttbh, tot
iub_throughput_ul_	(({cch_data_to_iub_interfa	FLOAT	#	Iub data volume	Average,

bts	ce} + {dch_data_to_iub} + {edch_data_to_iub})*8)/1000			UL in BTS	nkrttbh, tot, min, max
mace_pdu_lost	nok_nklcg_frprot_tab.y34uvfvdmm2aicsd002uaxybdk	INT8	#	Number of MAC-e PDUs that are received correctly but lost for an unknown reason, such as buffer overflow.	Sum, nkrttbh, tot

6.29.2 LCG.Nokia.UMTS.wbts_pool_ce_resources

Local cell group resource pool statistics.

KPI Name	Expression	Data Type	Units	Description	Aggregation
average_number_of_available_channel_elements	nok_wbts_poolcersrc_tab.ugpugsl1im2ahsxr0035xkcuai	INTEGER	#	The average number of available Channel Elements. I.e. average amount of working baseband resources (HW capacity).	Average, avg, max, min, nkrttbh, tot
average_number_of_used_ce_for_dl	nok_wbts_poolcersrc_tab.ugpugsv1im2ahsxr0035xkcuai	INTEGER	#	Average number of used Channel Elements in Downlink direction.	Average, avg, max, min, nkrttbh, tot
average_number_of_used_ce_for_hsupa_dl	nok_wbts_poolcersrc_tab.ugpugtd1im2ahsxr0035xkcuai	INTEGER	#	Average number of used CE for HSUPA DL.	Average, avg, max, min, nkrttbh, tot
average_number_of_used_ce_for_hsupa_ul	nok_wbts_poolcersrc_tab.ugpugt41im2ahsxr0035xkcuai	INTEGER	#	Average number of used CE for HSUPA UL.	Average, avg, max, min,

					nkrttbh, tot
average_number_of_used_ce_for_ul	nok_wbts_poolcersrc_tab.ugpugsx1im2ahsxr0035xkcuai	INTEGER	#	Average number of used Channel Elements in Uplink direction.	Average, avg, max, min, nkrttbh, tot
maximum_number_of_available_channel_elements	nok_wbts_poolcersrc_tab.ugpugsh1im2ahsxr0035xkcuai	INTEGER	#	Maximum number of available Channel Elements. I.e. maximum amount of working baseband resources (HW capacity).	Constant, avg, max, min, nkrttbh, tot
maximum_number_of_used_ce_for_dl	nok_wbts_poolcersrc_tab.ugpugsn1im2ahsxr0035xkcuai	INTEGER	#	Maximum number of used Channel Elements in Downlink direction.	Constant, avg, max, min, nkrttbh, tot
maximum_number_of_used_ce_for_hsupa_dl	nok_wbts_poolcersrc_tab.ugpugt61im2ahsxr0035xkcuai	INTEGER	#	Maximum number of used CE for HSUPA DL.	Constant, avg, max, min, nkrttbh, tot
maximum_number_of_used_ce_for_hsupa_ul	nok_wbts_poolcersrc_tab.ugpugt01im2ahsxr0035xkcuai	INTEGER	#	Maximum number of used CE for HSUPA UL.	Constant, avg, max, min, nkrttbh, tot
maximum_number_of_used_ce_for_ul	nok_wbts_poolcersrc_tab.ugpugsp1im2ahsxr0035xkcuai	INTEGER	#	Maximum number of used Channel Elements in Uplink direction.	Constant, avg, max, min, nkrttbh, tot
minimum_number_of_available_channel_elements	nok_wbts_poolcersrc_tab.ugpugsj1im2ahsxr0035xkcuai	INTEGER	#	Minimum number of available Channel Elements. I.e. minimum amount of working baseband resources (HW capacity).	Minimum, avg, max, min, nkrttbh, tot

minimum_number_of_used_ce_for_dl	nok_wbts_poolcersrc_tab.ugpugsr1im2ahsxr0035xkcuai	INTEGER	#	Minimum number of used Channel Elements in Downlink direction.	Minimum, avg, max, min, nkrttbh, tot
minimum_number_of_used_ce_for_hsupa_dl	nok_wbts_poolcersrc_tab.ugpugtb1im2ahsxr0035xkcuai	INTEGER	#	Minimum number of used CE for HSUPA DL.	Minimum, avg, max, min, nkrttbh, tot
minimum_number_of_used_ce_for_hsupa_ul	nok_wbts_poolcersrc_tab.ugpugt21im2ahsxr0035xkcuai	INTEGER	#	Minimum number of used CE for HSUPA UL.	Minimum, avg, max, min, nkrttbh, tot
minimum_number_of_used_ce_for_ul	nok_wbts_poolcersrc_tab.ugpugst1im2ahsxr0035xkcuai	INTEGER	#	Minimum number of used Channel Elements in Uplink direction.	Minimum, avg, max, min, nkrttbh, tot

6.30 Neighbour Performance Indicators

- Neighbour.Nokia.UMTS.hard_handovers
- Neighbour.Nokia.UMTS.inter_frequency_ho
- Neighbour.Nokia.UMTS.soft_handovers

6.30.1 Neighbour.Nokia.UMTS.hard_handovers

Hard handover statistics.

KPI Name	Expression	Data Type	Units	Description	Aggregation
bsic_denom	nok_nkne_isho_tab.xdrxaxldmm2aicsd002uaxybdk	INTEGER	#	The number of successful BSIC Verifications.	Sum, tot

This edition applies to IBM® Tivoli® Netcool® Performance Manager for Wireless and to all subsequent releases and modifications until otherwise indicated in new editions.

bsic_verif_time	nok_nkne_isho_tab.xdrxaxjdmm2aicsd002uaxybdk	INTEGER	#	Sum of BSIC verification times.	Sum, tot
number_of_completed_inter_system_hho	nok_nkne_isho_tab.ugpuguh1im2ahsxr0035xkcuai	INTEGER	#	The number of completed outgoing inter system hard handovers. This counter is updated for a measurement object in which source and target cells are defined. If cells A and B were in the active set and intersystem hard handover to GSM cell C is successful, this counter is updated by 1 for objects (A,C) and (B,C).	Sum, tot
number_of_inter_system_hho_attempts	nok_nkne_isho_tab.ugpuguf1im2ahsxr0035xkcuai	INTEGER	#	The number of outgoing inter system hard handover attempts. This counter is updated for a measurement object in which source and target cells are defined. If cells A and B are in the active set and inter-system hard handover to GSM cell C is attempted, this counter is updated by 1 for objects (A,C) and (B,C).	Sum, tot
rssi_denom	nok_nkne_isho_tab.xdrxaxhdmm2aicsd002uaxybdk	INTEGER	#	The number of received Inter-RAT measurement reports with an RSSI value.	Sum, tot

rssi_sum	nok_nkne_isho_tab.xdrxaxfdmm2aicsd002uaxybdk	INTEGER	#	Sum of GSM RSSI values received from the UE in Inter-RAT measurement reports	Sum, tot

6.30.2 Neighbour.Nokia.UMTS.inter_frequency_ho

Intra and inter-frequency handover statistics.

KPI Name	Expression	Data Type	Units	Description	Aggregation
cpich_ecno_ifho_denom	nok_nkne_ifho_tab.xdrxax6dmm2aicsd002uaxybdk	INTEGER	#	This counter provides the number of samples taken for counter M1014C2.	Sum, tot
cpich_ecno_ifho_sum	nok_nkne_ifho_tab.xdrxax4dmm2aicsd002uaxybdk	INTEGER	#	The sum of CPICH Ec/No values of an inter-frequency neighbour cell.	Sum, tot
cpich_rscp_ifho_denom	nok_nkne_ifho_tab.xdrxaxddmm2aicsd002uaxybdk	INTEGER	#	This counter provides the number of samples taken for counter M1014C4.	Sum, tot
cpich_rscp_ifho_sum	nok_nkne_ifho_tab.xdrxaxbdmm2aicsd002uaxybdk	INTEGER	#	The sum of CPICH RSCP values of an inter-frequency neighbour cell.	Sum, tot
number_of_completed_inter_frequency_hho	nok_nkne_ifho_tab.ugpugud1im2ahsxr0035xkcuai	INTEGER	#	The number of completed inter frequency hard handovers. This counter is updated for a measurement	Sum, tot

				object in which source and target cells are defined. Also Inter-RNC handovers are counted. If cells A and B were in the active set and inter-frequency hard handover to cell C is successful, this counter is updated by 1 for objects (A,C) and (B,C).	
number_of_inter_frequency_hho_attempts	nok_nkne_ifho_tab.ugpugub1im2ahsxr0035xkcuai	INTEGER	#	The number of inter frequency hard handover attempts. This counter is updated for a measurement object in which source and target cells are defined. Also Inter-RNC handovers are counted. If cells A and B are in the active set and inter-frequency hard handover to cell C is attempted, this counter is updated by 1 for objects (A,C) and (B,C).	Sum, tot

6.30.3 Neighbour.Nokia.UMTS.soft_handovers

Soft handover statistics.

KPI Name	Expression	Data Type	Units	Description	Aggregation
cpich_ecno_sho_denom	nok_nkne_sho_tab.xdrxawxdmm2aicsd002uaxybdk	INTEGER	#	The number of 1A/1C reports updated to counter M1013C4, used as	Sum, tot

				a denominator for average calculation.	
cpich_ecno_sho_diff_denom	nok_nkne_sho_tab.xdrxawtdmm2aicsd002uaxybdk	INTEGER	#	This counter provides the number of samples taken for counter M1013C3.	Sum, tot
cpich_ecno_sho_diff_sum	nok_nkne_sho_tab.xdrxawrdmm2aicsd002uaxybdk	INTEGER	#	The sum of CPICH Ec/No difference values between source and target-cells of the handover.	Sum, tot
cpich_ecno_sho_sum	nok_nkne_sho_tab.xdrxawvdmm2aicsd002uaxybdk	INTEGER	#	Sum of CPICH Ec/No values of the neighbour cells reported by the UE.	Sum, tot
cpich_rscp_sho_denom	nok_nkne_sho_tab.xdrxax2dmm2aicsd002uaxybdk	INTEGER	#	The number of 1A/1C reports updated to counter M1013C6, used as a denominator for average calculation.	Sum, tot
cpich_rscp_sho_sum	nok_nkne_sho_tab.xdrxax0dmm2aicsd002uaxybdk	INTEGER	#	Sum of CPICH RSCP values of the neighbour cells reported by the UE.	Sum, tot
number_of_completed_intra_frequency_sho	nok_nkne_sho_tab.ugpugu61im2ahsxr0035xkcuai	INTEGER	#	The number of completed intra frequency soft handovers. This counter is updated for a measurement object in which source and target cells are defined. Also Inter-RNC	Sum, tot

				handovers are counted. Branch addition: If cells A and B are in the active set and branch addition for cell C is successful, this counter is updated by 1 for objects (A,C) and (B,C). Branch replacement: If cells A and B are in the active set and cell C is successfully added to active set with in branch replacement operation with cell B (B branch removed), this counter is updated by 1 for object (A,C) Branch deletion: This counter is not updated in branch deletion.	
number_of_intra_frequency_sho_attempts	nok_nkne_sho_tab.ugpugu41im2ahsxr0035xkcuai	INTEGER	#	The number of intra frequency soft handover attempts. This counter is updated for a measurement object in which source and target cells are defined. Also Inter-RNC handovers are counted. Branch addition: If cells A and B are in the active set and branch addition for cell C is attempted, this counter is	Sum, tot

				updated by 1 for objects (A,C) and (B,C). Branch replacement: If cells A and B are in the active set and cell B is attempted to be replaced with cell C, this counter is updated by 1 for object (A,C) Branch deletion: This counter is not updated in branch deletion.	

6.31 Neighbour_RNC Performance Indicators

- Neighbour_RNC.Nokia.UMTS.cswitch.iurelreq
- Neighbour_RNC.Nokia.UMTS.cswitch.relocation.source
- Neighbour_RNC.Nokia.UMTS.cswitch.relocation.target
- Neighbour_RNC.Nokia.UMTS.interrnc.forward
- Neighbour_RNC.Nokia.UMTS.interrnc.iurelreq.source
- Neighbour_RNC.Nokia.UMTS.interrnc.iurelreq.target
- Neighbour_RNC.Nokia.UMTS.interrnc.relocation.cancel
- Neighbour_RNC.Nokia.UMTS.interrnc.relocation.misc
- Neighbour_RNC.Nokia.UMTS.interrnc.relocation.source
- Neighbour_RNC.Nokia.UMTS.interrnc.relocation.target
- Neighbour_RNC.Nokia.UMTS.interrnc.relocation
- Neighbour_RNC.Nokia.UMTS.macd_pdu_data_stats
- Neighbour_RNC.Nokia.UMTS.nrt_dch_failure_stats
- Neighbour_RNC.Nokia.UMTS.pswitch
- Neighbour_RNC.Nokia.UMTS.RAN_Usage.Service_Level
- Neighbour_RNC.Nokia.UMTS.rnsap.compressed_mode_command
- Neighbour_RNC.Nokia.UMTS.rnsap.dch_dedicated_iur
- Neighbour_RNC.Nokia.UMTS.rnsap.dch_radio_link_addition_iur
- Neighbour_RNC.Nokia.UMTS.rnsap.dch_radio_link_failures_iur
- Neighbour_RNC.Nokia.UMTS.rnsap.dch_radio_link_iur
- Neighbour_RNC.Nokia.UMTS.rnsap.dch_radio_link_reconfig_sync_fail_iur
- Neighbour_RNC.Nokia.UMTS.rnsap.dch_radio_link_reconfig_sync_iur

- Neighbour_RNC.Nokia.UMTS.rnsap.dch_radio_link_reconfig_sync_misc_iur
- Neighbour_RNC.Nokia.UMTS.rnsap.dch_radio_link_reconfig_unsync_fail_iur
- Neighbour_RNC.Nokia.UMTS.rnsap.dch_radio_link_reconfig_unsync_iur
- Neighbour_RNC.Nokia.UMTS.rnsap.dch_radio_link_setup_iur
- Neighbour_RNC.Nokia.UMTS.rnsap.global_iur
- Neighbour_RNC.Nokia.UMTS.rnsap.iu_release_request.source
- Neighbour_RNC.Nokia.UMTS.rnsap.iu_release_request.target
- Neighbour_RNC.Nokia.UMTS.rnsap.iur_avail
- Neighbour_RNC.Nokia.UMTS.rnsap.iur_com_meas
- Neighbour_RNC.Nokia.UMTS.rnsap.iur_dl_powcon
- Neighbour_RNC.Nokia.UMTS.rnsap.relocation.allocation
- Neighbour_RNC.Nokia.UMTS.rnsap.relocation.cancel_cn
- Neighbour_RNC.Nokia.UMTS.rnsap.relocation.cancel_msc
- Neighbour_RNC.Nokia.UMTS.rnsap.relocation.cancel_sgsn
- Neighbour_RNC.Nokia.UMTS.rnsap.relocation.misc_target
- Neighbour_RNC.Nokia.UMTS.rnsap.relocation.preparation
- Neighbour_RNC.Nokia.UMTS.rnsap.relocation
- Neighbour_RNC.Nokia.UMTS.sho_branch_failure

6.31.1 Neighbour_RNC.Nokia.UMTS.cswitch.iurelreq

Circuit switched based inter-system hard handover IU release statistics

KPI Name	Expression	Data Type	Units	Description	Aggregation
inter_syst_hho_iu_rel_in_contr_by_msc_due_to_misc_cause	nok_cswitch_iurelreq_tab.sstqdy2ahl26seccb00hw01qk4	INT8	#	A number of IU release requests during incoming MSC controlled inter system HHOs due to a Miscellaneous cause.	Sum, nkrttbh, tot
inter_syst_hho_iu_rel_in_contr_by_msc_due_to_nas_cause	nok_cswitch_iurelreq_tab.ssrpnkxahl26seccb00hw01qk4	INT8	#	A number of IU release requests during incoming MSC controlled inter system HHOs due to a Non Access Stratum cause.	Sum, nkrttbh, tot
inter_syst_hho_iu_rel_in_contr_by_msc_due_to_non_stan_cause	nok_cswitch_iurelreq_tab.ssupw42ahl26seccb00hw01qk4	INT8	#	A number of IU release requests during incoming MSC controlled	Sum, nkrttbh, tot

				inter system HHOs due to a Non Standard cause.	
inter_syst_hho_iu_rel_in_contr_by_msc_due_to_prot_cause	nok_cswitch_iurelreq_tab.sssqajdahl26seccb00hw01qk4	INT8	#	A number of IU release requests during incoming MSC controlled inter system HHOs due to a Protocol cause.	Sum, nkrttbh, tot
inter_syst_hho_iu_rel_in_contr_by_msc_due_to_rn_layer_cause	nok_cswitch_iurelreq_tab.sspoxypahl26seccb00hw01qk4	INT8	#	A number of IU release requests during incoming MSC controlled inter system HHOs due to a Radio Network Layer cause.	Sum, nkrttbh, tot
inter_syst_hho_iu_rel_in_contr_by_msc_due_to_tr_cause	nok_cswitch_iurelreq_tab.ssqpn2tahl26seccb00hw01qk4	INT8	#	A number of IU release requests during incoming MSC controlled inter system HHOs due to a Transport Layer cause.	Sum, nkrttbh, tot
inter_syst_hho_iu_rel_out_contr_by_msc_due_to_misc_cause	nok_cswitch_iurelreq_tab.ssnovkdahl26seccb00hw01qk4	INT8	#	A number of IU release requests during outgoing MSC controlled inter system HHOs due to a Miscellaneous cause.	Sum, nkrttbh, tot
inter_syst_hho_iu_rel_out_contr_by_msc_due_to_nas_cause	nok_cswitch_iurelreq_tab.sslny0pahl26seccb00hw01qk4	INT8	#	A number of IU release requests during outgoing MSC controlled inter system HHOs	Sum, nkrttbh, tot

				due to a Non Access Stratum cause.	
inter_syst_hho_iu_rel_out_contr_by_msc_due_to_non_stan_cause	nok_cswitch_iurelreq_tab.ssoota2ahl26seccb00hw01qk4	INT8	#	A number of IU release requests during outgoing MSC controlled inter system HHOs due to a Non Standard cause.	Sum, nkrttbh, tot
inter_syst_hho_iu_rel_out_contr_by_msc_due_to_prot_cause	nok_cswitch_iurelreq_tab.ssmogc2ahl26seccb00hw01qk4	INT8	#	A number of IU release requests during outgoing MSC controlled inter system HHOs due to a Protocol cause.	Sum, nkrttbh, tot
inter_syst_hho_iu_rel_out_contr_by_msc_due_to_rn_layer_cause	nok_cswitch_iurelreq_tab.ssjq1r2ahl26seccb00hw01qk4	INT8	#	A number of IU release requests during outgoing MSC controlled inter system HHOs due to a Radio Network Layer cause.	Sum, nkrttbh, tot
inter_syst_hho_iu_rel_out_contr_by_msc_due_to_tr_cause	nok_cswitch_iurelreq_tab.sskoqwhahl26seccb00hw01qk4	INT8	#	A number of IU release requests during outgoing MSC controlled inter system HHOs due to a Transport Layer cause.	Sum, nkrttbh, tot

6.31.2 Neighbour_RNC.Nokia.UMTS.cswitch.relocation.source

Circuit switched based inter-system hard handover relocation at Source RNC statistics

KPI Name	Expression	Data Type	Units	Description	Aggregation
inter_syst_hho_out_cancel_contr_by_msc_due_to_misc_cause	nok_nknb_cwrelsrc_tab.stdhfipahl26seccb00hw01qk4	INT8	#	A number of outgoing MSC controlled inter system HHOs	Sum, nkrttbh, tot

				cancelled due to a Miscellaneous cause.	
inter_syst_hho_out_cancel_contr_by_msc_due_to_nas_cause	nok_nknb_cwrelsrc_tab.stbhyo6ahl26seccb00hw01qk4	INT8	#	A number of outgoing MSC controlled inter system HHOs cancelled due to a Non Access Stratum cause.	Sum, nkrttbh, tot
inter_syst_hho_out_cancel_contr_by_msc_due_to_non_stan_cause	nok_nknb_cwrelsrc_tab.stei6plahl26seccb00hw01qk4	INT8	#	A number of outgoing MSC controlled inter system HHOs cancelled due to a Non Standard cause.	Sum, nkrttbh, tot
inter_syst_hho_out_cancel_contr_by_msc_due_to_prot_cause	nok_nknb_cwrelsrc_tab.stcgiepahl26seccb00hw01qk4	INT8	#	A number of outgoing MSC controlled inter system HHOs cancelled due to a Protocol cause.	Sum, nkrttbh, tot
inter_syst_hho_out_cancel_contr_by_msc_due_to_reloc_ove_tim_exp	nok_nknb_cwrelsrc_tab.st5l5rdahl26seccb00hw01qk4	INT8	#	A number of outgoing MSC controlled inter system HHOs cancelled due to the expiry of the relocation overall timer.	Sum, nkrttbh, tot
inter_syst_hho_out_cancel_contr_by_msc_due_to_reloc_prep_tim_exp	nok_nknb_cwrelsrc_tab.st6jlhlahl26seccb00hw01qk4	INT8	#	A number of outgoing MSC controlled inter system HHOs cancelled due to the expiry of the relocation preparation timer.	Sum, nkrttbh, tot

inter_syst_hho_out_cancel_contr_by_msc_due_to_rn_layer_cause	nok_nknb_cwrelsrc_tab.st4mlvlahl26seccb00hw01qk4	INT8	#	A number of outgoing MSC controlled inter system HHOs cancelled due to a Radio Network Layer cause.	Sum, nkrttbh, tot
inter_syst_hho_out_cancel_contr_by_msc_due_to_tr_cause	nok_nknb_cwrelsrc_tab.stahyc6ahl26seccb00hw01qk4	INT8	#	A number of outgoing MSC controlled inter system HHOs cancelled due to a Transport Layer cause.	Sum, nkrttbh, tot
inter_syst_hho_out_prep_req_contr_by_msc	nok_nknb_cwrelsrc_tab.ssvqcgdahl26seccb00hw01qk4	INT8	#	Number of outgoing MSC controlled inter system HHO preparation requests.	Sum, nkrttbh, tot
inter_syst_hho_out_prep_succ_contr_by_msc	nok_nknb_cwrelsrc_tab.sswqjplahl26seccb00hw01qk4	INT8	#	Number of successful outgoing MSC controlled inter system HHO preparations.	Sum, nkrttbh, tot
inter_syst_hho_out_prep_unsucc_contr_by_msc_due_to_nas_cause	nok_nknb_cwrelsrc_tab.st0qe6pahl26seccb00hw01qk4	INT8	#	A number of outgoing MSC controlled inter system HHO relocation preparation failures due to a Non Access Stratum cause.	Sum, nkrttbh, tot
inter_syst_hho_out_prep_unsucc_contr_by_msc_due_to_rn_layer_cause	nok_nknb_cwrelsrc_tab.ssxqrwtahl26seccb00hw01qk4	INT8	#	A number of outgoing MSC controlled inter system HHO relocation preparation failures due to a Radio Network Layer cause.	Sum, nkrttbh, tot
inter_syst_hho_pre	nok_nknb_cwrelsrc_tab.st2	INT8	#	A number of	Sum,

p_unsucc_contr_by_msc_due_to_misc_cause	oixpahl26seccb00hw01qk4			outgoing MSC controlled inter system HHO relocation preparation failures due to a Miscellaneous cause.	nkrttbh, tot
inter_syst_hho_prep_unsucc_contr_by_msc_due_to_non_stan_cause	nok_nknb_cwrelsrc_tab.st3oo1dahl26seccb00hw01qk4	INT8	#	A number of outgoing MSC controlled inter system HHO relocation preparation failures due to a Non Standard cause.	Sum, nkrttbh, tot
inter_syst_hho_prep_unsucc_contr_by_msc_due_to_prot_cause	nok_nknb_cwrelsrc_tab.st1oc6xahl26seccb00hw01qk4	INT8	#	A number of outgoing MSC controlled inter system HHO relocation preparation failures due to a Protocol cause.	Sum, nkrttbh, tot
inter_syst_hho_prep_unsucc_contr_by_msc_due_to_tr_cause	nok_nknb_cwrelsrc_tab.ssyrh6lahl26seccb00hw01qk4	INT8	#	A number of outgoing MSC controlled inter system HHO relocation preparation failures due to a Transport Layer cause.	Sum, nkrttbh, tot

6.31.3 Neighbour_RNC.Nokia.UMTS.cswitch.relocation.target

Circuit switched based inter-system hard handover relocation at Target RNC statistics

KPI Name	Expression	Data Type	Units	Description	Aggregation

_%_incoming_intersystem_hho_target_rnc_cs	100 * {inter_syst_compl_in_target_rnc_contr_by_msc}/ {inter_syst_hho_in_prep_req_contr_by_msc}	FLOAT	%	Incoming Inter System HHO Success in Target RNC for CS	Average, nkrttbh, tot
inter_syst_compl_in_target_rnc_contr_by_msc	nok_nknb_cwreltgt_tab.stnjbi2ahl26seccb00hw01qk4	INT8	#	A number of outgoing Relocation Complete messages during incoming MSC controlled inter system HHO	Sum, nkrttbh, tot
inter_syst_hho_in_prep_req_contr_by_msc	nok_nknb_cwreltgt_tab.stfjur6ahl26seccb00hw01qk4	INT8	#	Number of incoming MSC controlled inter system HHO preparation requests.	Sum, nkrttbh, tot
inter_syst_hho_in_prep_succ_contr_by_msc	nok_nknb_cwreltgt_tab.stgjy3tahl26seccb00hw01qk4	INT8	#	Number of successful incoming MSC controlled inter system HHO preparations.	Sum, nkrttbh, tot
inter_syst_hho_in_prep_unsucc_contr_by_msc_due_to_misc_cause	nok_nknb_cwreltgt_tab.stll122ahl26seccb00hw01qk4	INT8	#	A number of incoming MSC controlled inter system HHO relocation preparation failures due to a Miscellaneous cause.	Sum, nkrttbh, tot
inter_syst_hho_in_prep_unsucc_contr_by_msc_due_to_nas_cause	nok_nknb_cwreltgt_tab.stjkxrpahl26seccb00hw01qk4	INT8	#	A number of incoming MSC controlled inter system HHO relocation preparation failures due to a Non Access Stratum cause.	Sum, nkrttbh, tot

inter_syst_hho_in_prep_unsucc_contr_by_msc_due_to_non_stan_cause	nok_nknb_cwreltgt_tab.stmldctahl26seccb00hw01qk4	INT8	#	A number of incoming MSC controlled inter system HHO relocation preparation failures due to a Non Standard cause.	Sum, nkrttbh, tot
inter_syst_hho_in_prep_unsucc_contr_by_msc_due_to_prot_cause	nok_nknb_cwreltgt_tab.stkkpldahl26seccb00hw01qk4	INT8	#	A number of incoming MSC controlled inter system HHO relocation preparation failures due to a Protocol cause.	Sum, nkrttbh, tot
inter_syst_hho_in_prep_unsucc_contr_by_msc_due_to_rn_layer_cause	nok_nknb_cwreltgt_tab.sthk16tahl26seccb00hw01qk4	INT8	#	A number of incoming MSC controlled inter system HHO relocation preparation failures due to a Radio Network Layer cause.	Sum, nkrttbh, tot
inter_syst_hho_in_prep_unsucc_contr_by_msc_due_to_tr_cause	nok_nknb_cwreltgt_tab.stikf32ahl26seccb00hw01qk4	INT8	#	A number of incoming MSC controlled inter system HHO relocation preparation failures due to a Transport Layer cause.	Sum, nkrttbh, tot

6.31.4 Neighbour_RNC.Nokia.UMTS.interrnc.forward

Inter-RNC hard handover: Forward SRNS context statistics

KPI Name	Expression	Data	Units	Description	Aggregati

		Type			on
forw_srns_con_in	nok_interrnc_forward_tab.stpgxjhahl26seccb00hw01qk4	INT8	#	Number of received Forward SRNS Context messages from SGSN in target RNC.	Sum, nkrttbh, tot
forw_srns_con_out	nok_interrnc_forward_tab.stoglp6ahl26seccb00hw01qk4	INT8	#	Number of Forward SRNS Context messages to SGSN in source RNC.	Sum, nkrttbh, tot

6.31.5 Neighbour_RNC.Nokia.UMTS.interrnc.iurelreq.source

Inter-RNC hard handover: IU release request at Source RNC statistics

KPI Name	Expression	Data Type	Units	Description	Aggregation
inter_hho_iu_rel_out_contr_by_2cn_due_to_misc_cause	nok_nknb_inciurelreqsrc_tab.suaefn2ahl26seccb00hw01qk4	INT8	#	A number of IU release requests during outgoing 2CN controlled inter HHOs due to a Miscellaneous cause.	Sum, nkrttbh, tot
inter_hho_iu_rel_out_contr_by_2cn_due_to_nas_cause	nok_nknb_inciurelreqsrc_tab.su5f26hahl26seccb00hw01qk4	INT8	#	A number of IU release requests during outgoing 2CN controlled inter HHOs due to a Non Access Stratum cause.	Sum, nkrttbh, tot
inter_hho_iu_rel_out_contr_by_2cn_due_to_non_stan_cause	nok_nknb_inciurelreqsrc_tab.subcjvxahl26seccb00hw01qk4	INT8	#	A number of IU release requests during outgoing 2CN controlled inter HHOs due to a Non Standard cause.	Sum, nkrttbh, tot
inter_hho_iu_rel_out_contr_by_2cn_due_to_prot_cause	nok_nknb_inciurelreqsrc_tab.su6dytlahl26seccb00hw01qk4	INT8	#	A number of IU release requests during outgoing 2CN controlled inter HHOs due to a	Sum, nkrttbh, tot

				Protocol cause.	
inter_hho_iu_rel_out_contr_by_2cn_due_to_rn_layer_cause	nok_nknb_inciurelreqsrc_tab.su3fsbdahl26seccb00hw01qk4	INT8	#	A number of IU release requests during outgoing 2CN controlled inter HHOs due to a Radio Network Layer cause.	Sum, nkrttbh, tot
inter_hho_iu_rel_out_contr_by_2cn_due_to_tr_cause	nok_nknb_inciurelreqsrc_tab.su4g15lahl26seccb00hw01qk4	INT8	#	A number of IU release requests during outgoing 2CN controlled inter HHOs due to a Transport Layer cause.	Sum, nkrttbh, tot
inter_hho_iu_rel_out_contr_by_msc_due_to_misc_cause	nok_nknb_inciurelreqsrc_tab.stud4rtahl26seccb00hw01qk4	INT8	#	A number of IU release requests during outgoing MSC controlled inter HHOs due to a Miscellaneous cause.	Sum, nkrttbh, tot
inter_hho_iu_rel_out_contr_by_msc_due_to_nas_cause	nok_nknb_inciurelreqsrc_tab.stsgfrpahl26seccb00hw01qk4	INT8	#	A number of IU release requests during outgoing MSC controlled inter HHOs due to a Non Access Stratum cause.	Sum, nkrttbh, tot
inter_hho_iu_rel_out_contr_by_msc_due_to_non_stan_cause	nok_nknb_inciurelreqsrc_tab.stvbhopahl26seccb00hw01qk4	INT8	#	A number of IU release requests during outgoing MSC controlled inter HHOs due to a Non Standard cause.	Sum, nkrttbh, tot
inter_hho_iu_rel_out_contr_by_msc_d	nok_nknb_inciurelreqsrc_tab.sttf6yhahl26seccb00hw0	INT8	#	A number of IU release requests	Sum, nkrttbh,

This edition applies to IBM® Tivoli® Netcool® Performance Manager for Wireless and to all subsequent releases and modifications until otherwise indicated in new editions.

ue_to_prot_cause	1qk4			during outgoing MSC controlled inter HHOs due to a Protocol cause.	tot
inter_hho_iu_rel_out_contr_by_msc_due_to_rn_layer_cause	nok_nknb_inciurelreqsrc_tab.stqfyllahl26seccb00hw01qk4	INT8	#	A number of IU release requests during outgoing MSC controlled inter HHOs due to a Radio Network Layer cause.	Sum, nkrttbh, tot
inter_hho_iu_rel_out_contr_by_msc_due_to_tr_cause	nok_nknb_inciurelreqsrc_tab.strgdy2ahl26seccb00hw01qk4	INT8	#	A number of IU release requests during outgoing MSC controlled inter HHOs due to a Transport Layer cause.	Sum, nkrttbh, tot
inter_hho_iu_rel_out_contr_by_sgsn_due_to_misc_cause	nok_nknb_inciurelreqsrc_tab.su1g1hlahl26seccb00hw01qk4	INT8	#	A number of IU release requests during outgoing SGSN controlled inter HHOs due to a Miscellaneous cause.	Sum, nkrttbh, tot
inter_hho_iu_rel_out_contr_by_sgsn_due_to_nas_cause	nok_nknb_inciurelreqsrc_tab.styepftahl26seccb00hw01qk4	INT8	#	A number of IU release requests during outgoing SGSN controlled inter HHOs due to a Non Access Stratum cause.	Sum, nkrttbh, tot
inter_hho_iu_rel_out_contr_by_sgsn_due_to_non_stan_cause	nok_nknb_inciurelreqsrc_tab.su2fh06ahl26seccb00hw01qk4	INT8	#	A number of IU release requests during outgoing SGSN controlled inter HHOs due to a Non Standard cause.	Sum, nkrttbh, tot
inter_hho_iu_rel_out_contr_by_sgsn_due_to_prot_cause	nok_nknb_inciurelreqsrc_tab.su0flxpahl26seccb00hw01qk4	INT8	#	A number of IU release requests during outgoing SGSN controlled	Sum, nkrttbh, tot

				inter HHOs due to a Protocol cause.	
inter_hho_iu_rel_out_contr_by_sgsn_due_to_rn_layer_cause	nok_nknb_inciurelreqsrc_tab.stwfbolahl26seccb00hw01qk4	INT8	#	A number of IU release requests during outgoing SGSN controlled inter HHOs due to a Radio Network Layer cause.	Sum, nkrttbh, tot
inter_hho_iu_rel_out_contr_by_sgsn_due_to_tr_cause	nok_nknb_inciurelreqsrc_tab.stxeprlahl26seccb00hw01qk4	INT8	#	A number of IU release requests during outgoing SGSN controlled inter HHOs due to a Transport Layer cause.	Sum, nkrttbh, tot

6.31.6 Neighbour_RNC.Nokia.UMTS.interrnc.iurelreq.target

Inter-RNC hard handover: IU release request at Target RNC statistics

KPI Name	Expression	Data Type	Units	Description	Aggregation
inter_hho_iu_rel_in_contr_by_2cn_due_to_misc_cause	nok_nknb_inciurelreqtgt_tab.sustx36ahl26seccb00hw01qk4	INT8	#	A number of IU release requests during incoming 2CN controlled inter HHOs due to a Miscellaneous cause.	Sum, nkrttbh, tot
inter_hho_iu_rel_in_contr_by_2cn_due_to_nas_cause	nok_nknb_inciurelreqtgt_tab.suqserdahl26seccb00hw01qk4	INT8	#	A number of IU release requests during incoming 2CN controlled inter HHOs due to a Non Access Stratum cause.	Sum, nkrttbh, tot

This edition applies to IBM® Tivoli® Netcool® Performance Manager for Wireless and to all subsequent releases and modifications until otherwise indicated in new editions.

inter_hho_iu_rel_in_contr_by_2cn_due_to_non_stan_cause	nok_nknb_inciurelreqtgt_tab.sutw6qpahl26seccb00hw01qk4	INT8	#	A number of IU release requests during incoming 2CN controlled inter HHOs due to a Non Standard cause.	Sum, nkrttbh, tot
inter_hho_iu_rel_in_contr_by_2cn_due_to_prot_cause	nok_nknb_inciurelreqtgt_tab.surt3qdahl26seccb00hw01qk4	INT8	#	A number of IU release requests during incoming 2CN controlled inter HHOs due to a Protocol cause.	Sum, nkrttbh, tot
inter_hho_iu_rel_in_contr_by_2cn_due_to_rn_layer_cause	nok_nknb_inciurelreqtgt_tab.suoq5ptahl26seccb00hw01qk4	INT8	#	A number of IU release requests during incoming 2CN controlled inter HHOs due to a Radio Network Layer cause.	Sum, nkrttbh, tot
inter_hho_iu_rel_in_contr_by_2cn_due_to_tr_cause	nok_nknb_inciurelreqtgt_tab.supr5stahl26seccb00hw01qk4	INT8	#	A number of IU release requests during incoming 2CN controlled inter HHOs due to a Transport Layer cause.	Sum, nkrttbh, tot
inter_hho_iu_rel_in_contr_by_msc_due_to_misc_cause	nok_nknb_inciurelreqtgt_tab.sugbnvpahl26seccb00hw01qk4	INT8	#	A number of IU release requests during incoming MSC controlled inter HHOs due to a Miscellaneous cause.	Sum, nkrttbh, tot
inter_hho_iu_rel_in_contr_by_msc_due_to_nas_cause	nok_nknb_inciurelreqtgt_tab.suedrmdahl26seccb00hw01qk4	INT8	#	A number of IU release requests during incoming MSC controlled inter HHOs due to a Non Access Stratum cause.	Sum, nkrttbh, tot
inter_hho_iu_rel_in_contr_by_msc_d	nok_nknb_inciurelreqtgt_tab.suhc0blahl26seccb00hw0	INT8	#	A number of IU release requests	Sum, nkrttbh,

ue_to_non_stan_cause	1qk4			during incoming MSC controlled inter HHOs due to a Non Standard cause.	tot
inter_hho_iu_rel_in_contr_by_msc_due_to_prot_cause	nok_nknb_inciurelreqtgt_tab.sufdwwhahl26seccb00hw01qk4	INT8	#	A number of IU release requests during incoming MSC controlled inter HHOs due to a Protocol cause.	Sum, nkrttbh, tot
inter_hho_iu_rel_in_contr_by_msc_due_to_rn_layer_cause	nok_nknb_inciurelreqtgt_tab.sucd5bdahl26seccb00hw01qk4	INT8	#	A number of IU release requests during incoming MSC controlled inter HHOs due to a Radio Network Layer cause.	Sum, nkrttbh, tot
inter_hho_iu_rel_in_contr_by_msc_due_to_tr_cause	nok_nknb_inciurelreqtgt_tab.suddnnxahl26seccb00hw01qk4	INT8	#	A number of IU release requests during incoming MSC controlled inter HHOs due to a Transport Layer cause.	Sum, nkrttbh, tot
inter_hho_iu_rel_in_contr_by_sgsn_due_to_misc_cause	nok_nknb_inciurelreqtgt_tab.sumq3xdahl26seccb00hw01qk4	INT8	#	A number of IU release requests during incoming SGSN controlled inter HHOs due to a Miscellaneous cause.	Sum, nkrttbh, tot
inter_hho_iu_rel_in_contr_by_sgsn_due_to_nas_cause	nok_nknb_inciurelreqtgt_tab.suknkndahl26seccb00hw01qk4	INT8	#	A number of IU release requests during incoming SGSN controlled inter HHOs due to a Non Access Stratum cause.	Sum, nkrttbh, tot

This edition applies to IBM® Tivoli® Netcool® Performance Manager for Wireless and to all subsequent releases and modifications until otherwise indicated in new editions.

inter_hho_iu_rel_in_contr_by_sgsn_due_to_non_stan_cause	nok_nknb_inciurelreqtgt_tab.sunqwxxahl26seccb00hw01qk4	INT8	#	A number of IU release requests during incoming SGSN controlled inter HHOs due to a Non Standard cause.	Sum, nkrttbh, tot
inter_hho_iu_rel_in_contr_by_sgsn_due_to_prot_cause	nok_nknb_inciurelreqtgt_tab.suloo5xahl26seccb00hw01qk4	INT8	#	A number of IU release requests during incoming SGSN controlled inter HHOs due to a Protocol cause.	Sum, nkrttbh, tot
inter_hho_iu_rel_in_contr_by_sgsn_due_to_rn_layer_cause	nok_nknb_inciurelreqtgt_tab.suicpc2ahl26seccb00hw01qk4	INT8	#	A number of IU release requests during incoming SGSN controlled inter HHOs due to a Radio Network Layer cause.	Sum, nkrttbh, tot
inter_hho_iu_rel_in_contr_by_sgsn_due_to_tr_cause	nok_nknb_inciurelreqtgt_tab.sujitolahl26seccb00hw01qk4	INT8	#	A number of IU release requests during incoming SGSN controlled inter HHOs due to a Transport Layer cause.	Sum, nkrttbh, tot

6.31.7 Neighbour_RNC.Nokia.UMTS.interrnc.relocation.cancel

Inter-RNC hard handover: Relocation commit cancel by MSC/SGSN statistics

KPI Name	Expression	Data Type	Units	Description	Aggregation
inter_rnc_hho_out_cancel_contr_by_2cn_due_to_misc_cause	nok_nknb_incirelocccl_tab.svn4cc2ahl26seccb00hw01qk4	INT8	#	A number of outgoing 2CN controlled inter RNC HHOs cancelled due to a Miscellaneous cause.	Sum, nkrttbh, tot
inter_rnc_hho_out_cancel_contr_by_2	nok_nknb_incirelocccl_tab.svlbsx6ahl26seccb00hw01q	INT8	#	A number of outgoing 2CN	Sum, nkrttbh,

cn_due_to_nas_cause	k4			controlled inter RNC HHOs cancelled due to a Non Access Stratum cause.	tot
inter_rnc_hho_out_cancel_contr_by_2cn_due_to_non_stan_cause	nok_nknb_incirelocccl_tab.svo2wbhahl26seccb00hw01qk4	INT8	#	A number of outgoing 2CN controlled inter RNC HHOs cancelled due to a Non Standard cause.	Sum, nkrttbh, tot
inter_rnc_hho_out_cancel_contr_by_2cn_due_to_prot_cause	nok_nknb_incirelocccl_tab.svm6nehahl26seccb00hw01qk4	INT8	#	A number of outgoing 2CN controlled inter RNC HHOs cancelled due to a Protocol cause.	Sum, nkrttbh, tot
inter_rnc_hho_out_cancel_contr_by_2cn_due_to_reloc_ove_tim_exp	nok_nknb_incirelocccl_tab.svidnl2ahl26seccb00hw01qk4	INT8	#	A number of outgoing 2CN controlled inter RNC HHOs cancelled due to the expiry of the relocation overall timer.	Sum, nkrttbh, tot
inter_rnc_hho_out_cancel_contr_by_2cn_due_to_reloc_prep_tim_exp	nok_nknb_incirelocccl_tab.svjcmllahl26seccb00hw01qk4	INT8	#	A number of outgoing 2CN controlled inter RNC HHOs cancelled due to the expiry of the relocation preparation timer.	Sum, nkrttbh, tot
inter_rnc_hho_out_cancel_contr_by_2cn_due_to_rn_layer_cause	nok_nknb_incirelocccl_tab.svhd3v6ahl26seccb00hw01qk4	INT8	#	A number of outgoing 2CN controlled inter RNC HHOs cancelled due to a	Sum, nkrttbh, tot

				Radio Network Layer cause.	
inter_rnc_hho_out_cancel_contr_by_2cn_due_to_tr_cause	nok_nknb_incirelocccl_tab.svkd1s2ahl26seccb00hw01qk4	INT8	#	A number of outgoing 2CN controlled inter RNC HHOs cancelled due to a Transport Layer cause.	Sum, nkrttbh, tot
inter_rnc_hho_out_cancel_contr_by_msc_due_to_misc_cause	nok_nknb_incirelocccl_tab.sv3vxwlahl26seccb00hw01qk4	INT8	#	A number of outgoing MSC controlled inter RNC HHOs cancelled due to a Miscellaneous cause.	Sum, nkrttbh, tot
inter_rnc_hho_out_cancel_contr_by_msc_due_to_nas_cause	nok_nknb_incirelocccl_tab.sv1tp22ahl26seccb00hw01qk4	INT8	#	A number of outgoing MSC controlled inter RNC HHOs cancelled due to a Non Access Stratum cause.	Sum, nkrttbh, tot
inter_rnc_hho_out_cancel_contr_by_msc_due_to_non_stan_cause	nok_nknb_incirelocccl_tab.sv4wiplahl26seccb00hw01qk4	INT8	#	A number of outgoing MSC controlled inter RNC HHOs cancelled due to a Non Standard cause.	Sum, nkrttbh, tot
inter_rnc_hho_out_cancel_contr_by_msc_due_to_prot_cause	nok_nknb_incirelocccl_tab.sv2v5ipahl26seccb00hw01qk4	INT8	#	A number of outgoing MSC controlled inter RNC HHOs cancelled due to a Protocol cause.	Sum, nkrttbh, tot
inter_rnc_hho_out_cancel_contr_by_msc_due_to_reloc_ove_tim_exp	nok_nknb_incirelocccl_tab.suxwnrdahl26seccb00hw01qk4	INT8	#	A number of outgoing MSC controlled inter RNC HHOs cancelled due to the expiry of the relocation overall	Sum, nkrttbh, tot

				timer.	
inter_rnc_hho_out_cancel_contr_by_msc_due_to_reloc_prep_tim_exp	nok_nknb_incirelocccl_tab.suyvunpahl26seccb00hw01qk4	INT8	#	A number of outgoing MSC controlled inter RNC HHOs cancelled due to the expiry of the relocation preparation timer.	Sum, nkrttbh, tot
inter_rnc_hho_out_cancel_contr_by_msc_due_to_rn_layer_cause	nok_nknb_incirelocccl_tab.suwyrbtahl26seccb00hw01qk4	INT8	#	A number of outgoing MSC controlled inter RNC HHOs cancelled due to a Radio Network Layer cause.	Sum, nkrttbh, tot
inter_rnc_hho_out_cancel_contr_by_msc_due_to_tr_cause	nok_nknb_incirelocccl_tab.sv0uv0xahl26seccb00hw01qk4	INT8	#	A number of outgoing MSC controlled inter RNC HHOs cancelled due to a Transport Layer cause.	Sum, nkrttbh, tot
inter_rnc_hho_out_cancel_contr_by_sgsn_due_to_misc_cause	nok_nknb_incirelocccl_tab.svffm12ahl26seccb00hw01qk4	INT8	#	A number of outgoing SGSN controlled inter RNC HHOs cancelled due to a Miscellaneous cause.	Sum, nkrttbh, tot
inter_rnc_hho_out_cancel_contr_by_sgsn_due_to_nas_cause	nok_nknb_incirelocccl_tab.svddvx6ahl26seccb00hw01qk4	INT8	#	A number of outgoing SGSN controlled inter RNC HHOs cancelled due to a Non Access Stratum cause.	Sum, nkrttbh, tot

This edition applies to IBM® Tivoli® Netcool® Performance Manager for Wireless and to all subsequent releases and modifications until otherwise indicated in new editions.

inter_rnc_hho_out_cancel_contr_by_sgsn_due_to_non_stan_cause	nok_nknb_incirelocccl_tab.svged5pahl26seccb00hw01qk4	INT8	#	A number of outgoing SGSN controlled inter RNC HHOs cancelled due to a Non Standard cause.	Sum, nkrttbh, tot
inter_rnc_hho_out_cancel_contr_by_sgsn_due_to_prot_cause	nok_nknb_incirelocccl_tab.sveewfhahl26seccb00hw01qk4	INT8	#	A number of outgoing SGSN controlled inter RNC HHOs cancelled due to a Protocol cause.	Sum, nkrttbh, tot
inter_rnc_hho_out_cancel_contr_by_sgsn_due_to_reloc_ove_tim_exp	nok_nknb_incirelocccl_tab.svac02xahl26seccb00hw01qk4	INT8	#	A number of outgoing SGSN controlled inter RNC HHOs cancelled due to the expiry of the relocation overall timer.	Sum, nkrttbh, tot
inter_rnc_hho_out_cancel_contr_by_sgsn_due_to_reloc_prep_tim_exp	nok_nknb_incirelocccl_tab.svbdmihahl26seccb00hw01qk4	INT8	#	A number of outgoing SGSN controlled SRNS relocation cancellations due to the expiry of the relocation preparation timer.	Sum, nkrttbh, tot
inter_rnc_hho_out_cancel_contr_by_sgsn_due_to_rn_layer_cause	nok_nknb_incirelocccl_tab.sv5xphpahl26seccb00hw01qk4	INT8	#	A number of outgoing SGSN controlled inter RNC HHOs cancelled due to a Radio Network Layer cause.	Sum, nkrttbh, tot
inter_rnc_hho_out_cancel_contr_by_sgsn_due_to_tr_cause	nok_nknb_incirelocccl_tab.svccgqhahl26seccb00hw01qk4	INT8	#	A number of outgoing SGSN controlled inter RNC HHOs cancelled due to a Transport Layer cause.	Sum, nkrttbh, tot

6.31.8 Neighbour_RNC.Nokia.UMTS.interrnc.relocation.misc

Inter-RNC hard handover: Relocation due to other sources statistics

KPI Name	Expression	Data Type	Units	Description	Aggregation
inter_hho_compl_in_target_rnc_contr_by_2cn	nok_nknb_incireloccms_tab.svu5pilahl26seccb00hw01qk4	INT8	#	A number of outgoing Relocation Complete messages during incoming 2CN controlled HHO.	Sum, nkrttbh, tot
inter_hho_compl_in_target_rnc_contr_by_msc	nok_nknb_incireloccms_tab.svs500lahl26seccb00hw01qk4	INT8	#	A number of outgoing Relocation Complete messages during incoming MSC controlled HHO.	Sum, nkrttbh, tot
inter_hho_compl_in_target_rnc_contr_by_sgsn	nok_nknb_incireloccms_tab.svt5246ahl26seccb00hw01qk4	INT8	#	A number of outgoing Relocation Complete messages during incoming SGSN controlled HHO.	Sum, nkrttbh, tot
inter_hho_det_in_target_rnc_contr_by_sgsn	nok_nknb_incireloccms_tab.svq3y2lahl26seccb00hw01qk4	INT8	#	A number of outgoing Relocation Detect messages during incoming SGSN controlled HHO.	Sum, nkrttbh, tot
inter_hho_detect_in_target_rnc_contr_by_2cn	nok_nknb_incireloccms_tab.svr4mp2ahl26seccb00hw01qk4	INT8	#	A number of outgoing Relocation Detect messages during incoming 2CN controlled HHO.	Sum, nkrttbh, tot
inter_hho_detect_in_target_rnc_contr_	nok_nknb_incireloccms_tab.svp3bvhahl26seccb00hw	INT8	#	A number of outgoing Relocation	Sum, nkrttbh,

by_msc	01qk4			Detect messages during incoming MSC controlled HHO.	tot

6.31.9 Neighbour_RNC.Nokia.UMTS.interrnc.relocation.source

Inter-RNC hard handover: Relocation due to source RNC statistics

KPI Name	Expression	Data Type	Units	Description	Aggregation
inter_rnc_hho_out_prep_req_contr_by_2cn	nok_nknb_increlsrc_tab.svx6ai2ahl26seccb00hw01qk4	INT8	#	A number of outgoing 2CN controlled inter RNC HHO requests. HC makes a decision about inter RNC hard handover based on the UE measurement report.	Sum, nkrttbh, tot
inter_rnc_hho_out_prep_req_contr_by_msc	nok_nknb_increlsrc_tab.svv52mhahl26seccb00hw01qk4	INT8	#	A number of outgoing MSC controlled inter RNC HHO requests. HC makes a decision about inter RNC hard handover based on the UE measurement report.	Sum, nkrttbh, tot
inter_rnc_hho_out_prep_req_contr_by_sgsn	nok_nknb_increlsrc_tab.svw4lktahl26seccb00hw01qk4	INT8	#	A number of outgoing SGSN controlled inter RNC HHO requests. HC makes a decision about inter RNC hard handover based on the UE measurement report.	Sum, nkrttbh, tot
inter_rnc_hho_out_prep_succ_contr_b	nok_nknb_increlsrc_tab.sw1bwwpahl26seccb00hw01q	INT8	#	A number of successful outgoing	Sum, nkrttbh,

y_2cn	k4			2CN controlled inter RNC HHO requests.	tot
inter_rnc_hho_out_prep_succ_contr_by_msc	nok_nknb_increlsrc_tab.svyaqmtahl26seccb00hw01qk4	INT8	#	A number of successful outgoing MSC controlled inter RNC HHO requests.	Sum, nkrttbh, tot
inter_rnc_hho_out_prep_succ_contr_by_sgsn	nok_nknb_increlsrc_tab.sw0blmpahl26seccb00hw01qk4	INT8	#	A number of successful outgoing SGSN controlled inter RNC HHO requests.	Sum, nkrttbh, tot
inter_rnc_hho_out_prep_unsucc_contr_by_2cn_due_to_misc_cause	nok_nknb_increlsrc_tab.swlsiuhahl26seccb00hw01qk4	INT8	#	A number of outgoing 2CN controlled HHO relocation preparation failures due to a Miscellaneous cause.	Sum, nkrttbh, tot
inter_rnc_hho_out_prep_unsucc_contr_by_2cn_due_to_nas_cause	nok_nknb_increlsrc_tab.swjpvspahl26seccb00hw01qk4	INT8	#	A number of outgoing 2CN controlled HHO relocation preparation failures due to a Non Access Stratum cause.	Sum, nkrttbh, tot
inter_rnc_hho_out_prep_unsucc_contr_by_2cn_due_to_non_stan_cause	nok_nknb_increlsrc_tab.swmqohtahl26seccb00hw01qk4	INT8	#	A number of outgoing 2CN controlled HHO relocation preparation failures due to a Non Standard cause.	Sum, nkrttbh, tot
inter_rnc_hho_out_prep_unsucc_contr	nok_nknb_increlsrc_tab.swkr21pahl26seccb00hw01qk	INT8	#	A number of outgoing 2CN	Sum, nkrttbh,

This edition applies to IBM® Tivoli® Netcool® Performance Manager for Wireless and to all subsequent releases and modifications until otherwise indicated in new editions.

_by_2cn_due_to_prot_cause	4			controlled HHO relocation preparation failures due to a Protocol cause.	tot
inter_rnc_hho_out_prep_unsucc_contr_by_2cn_due_to_rn_layer_cause	nok_nknb_increlsrc_tab.swhsvddahl26seccb00hw01qk4	INT8	#	A number of outgoing 2CN controlled HHO relocation preparation failures due to a Radio Network Layer cause.	Sum, nkrttbh, tot
inter_rnc_hho_out_prep_unsucc_contr_by_2cn_due_to_tr_layer_cause	nok_nknb_increlsrc_tab.swireqhahl26seccb00hw01qk4	INT8	#	A number of outgoing 2CN controlled HHO relocation preparation failures due to a Transport Layer cause.	Sum, nkrttbh, tot
inter_rnc_hho_out_prep_unsucc_contr_by_msc_due_to_misc_cause	nok_nknb_increlsrc_tab.sw6qi3dahl26seccb00hw01qk4	INT8	#	A number of outgoing MSC controlled HHO relocation preparation failures due to a Miscellaneous cause.	Sum, nkrttbh, tot
inter_rnc_hho_out_prep_unsucc_contr_by_msc_due_to_nas_cause	nok_nknb_increlsrc_tab.sw4kb12ahl26seccb00hw01qk4	INT8	#	A number of outgoing MSC controlled HHO relocation preparation failures due to a Non Access Stratum cause.	Sum, nkrttbh, tot
inter_rnc_hho_out_prep_unsucc_contr_by_msc_due_to_non_stan_cause	nok_nknb_increlsrc_tab.swapkwpahl26seccb00hw01qk4	INT8	#	A number of outgoing MSC controlled HHO relocation preparation failures due to a Non Standard cause.	Sum, nkrttbh, tot

inter_rnc_hho_out_prep_unsucc_contr_by_msc_due_to_prot_cause	nok_nknb_increlsrc_tab.sw5l56dahl26seccb00hw01qk4	INT8	#	A number of outgoing MSC controlled HHO relocation preparation failures due to a Protocol cause.	Sum, nkrttbh, tot
inter_rnc_hho_out_prep_unsucc_contr_by_msc_due_to_rn_layer_cause	nok_nknb_increlsrc_tab.sw2c166ahl26seccb00hw01qk4	INT8	#	A number of outgoing MSC controlled HHO relocation preparation failures due to a Radio Network Layer cause.	Sum, nkrttbh, tot
inter_rnc_hho_out_prep_unsucc_contr_by_msc_due_to_tr_layer_cause	nok_nknb_increlsrc_tab.sw3kdi2ahl26seccb00hw01qk4	INT8	#	A number of outgoing MSC controlled HHO relocation preparation failures due to a Transport Layer cause.	Sum, nkrttbh, tot
inter_rnc_hho_out_prep_unsucc_contr_by_sgsn_due_to_misc_cause	nok_nknb_increlsrc_tab.swfsosxahl26seccb00hw01qk4	INT8	#	A number of outgoing SGSN controlled HHO relocation preparation failures due to a Miscellaneous cause.	Sum, nkrttbh, tot
inter_rnc_hho_out_prep_unsucc_contr_by_sgsn_due_to_nas_cause	nok_nknb_increlsrc_tab.swdt1llahl26seccb00hw01qk4	INT8	#	A number of outgoing SGSN controlled HHO relocation preparation failures due to a Non Access Stratum cause.	Sum, nkrttbh, tot
inter_rnc_hho_out_	nok_nknb_increlsrc_tab.sw	INT8	#	A number of	Sum,

prep_unsucc_contr_by_sgsn_due_to_non_stan_cause	grca6ahl26seccb00hw01qk4			outgoing SGSN controlled HHO relocation preparation failures due to a Non Standard cause.	nkrttbh, tot
inter_rnc_hho_out_prep_unsucc_contr_by_sgsn_due_to_prot_cause	nok_nknb_increlsrc_tab.swesyu2ahl26seccb00hw01qk4	INT8	#	A number of outgoing SGSN controlled HHO relocation preparation failures due to a Protocol cause.	Sum, nkrttbh, tot
inter_rnc_hho_out_prep_unsucc_contr_by_sgsn_due_to_rn_layer_cause	nok_nknb_increlsrc_tab.swbrifpahl26seccb00hw01qk4	INT8	#	A number of outgoing SGSN controlled HHO relocation preparation failures due to a Radio Network Layer cause.	Sum, nkrttbh, tot
inter_rnc_hho_out_prep_unsucc_contr_by_sgsn_due_to_tr_layer_cause	nok_nknb_increlsrc_tab.swct0wtahl26seccb00hw01qk4	INT8	#	A number of outgoing SGSN controlled HHO relocation preparation failures due to a Transport Layer cause.	Sum, nkrttbh, tot

6.31.10Neighbour_RNC.Nokia.UMTS.interrnc.relocation.target

Inter-RNC hard handover: Relocation due to target RNC statistics

KPI Name	Expression	Data Type	Units	Description	Aggregation
_%_cs_relocation_success_target_rnc	100 * ({Nokia.rnsap.relocation.misc_target.srns_reloc_compl_in_target_rnc_contr_by_msc}+ {Nokia.interrnc.relocation.misc.inter_hho_compl_in_target_rnc_contr_by_msc})/ ({Nokia.rnsap.relocation.alloc	FLOAT	%	Relocation Success in Target RNC for CS	Average, nkrttbh, tot

	ation.srns_reloc_in_prep_req_contr_by_msc}+ {Nokia.interrnc.relocation.target.inter_rnc_hho_in_prep_req_contr_by_msc})				
_%_ps_relocation_success_target_rnc	100 * ({Nokia.rnsap.relocation.misc_target.srns_reloc_compl_in_target_rnc_contr_by_sgsn}+ {Nokia.interrnc.relocation.misc.inter_hho_compl_in_target_rnc_contr_by_sgsn})/ ({Nokia.rnsap.relocation.allocation.srns_reloc_in_prep_req_contr_by_sgsn}+ {Nokia.interrnc.relocation.target.inter_rnc_hho_in_prep_req_contr_by_sgsn})	FLOAT	%	Relocation Success in Target RNC for PS	Average, nkrttbh, tot
inter_rnc_hho_in_prep_req_contr_by_2cn	nok_nknb_increltgt_tab.swpsetlahl26seccb00hw01qk4	INT8	#	A number of incoming 2CN controlled inter RNC HHO requests.	Sum, nkrttbh, tot
inter_rnc_hho_in_prep_req_contr_by_msc	nok_nknb_increltgt_tab.swns2etahl26seccb00hw01qk4	INT8	#	A number of incoming MSC controlled inter RNC HHO requests.	Sum, nkrttbh, tot
inter_rnc_hho_in_prep_req_contr_by_sgsn	nok_nknb_increltgt_tab.sworectahl26seccb00hw01qk4	INT8	#	A number of incoming SGSN controlled inter RNC HHO requests.	Sum, nkrttbh, tot
inter_rnc_hho_in_prep_succ_contr_by_2cn	nok_nknb_increltgt_tab.swsuaplahl26seccb00hw01qk4	INT8	#	A number of successful incoming 2CN controlled inter RNC HHO	Sum, nkrttbh, tot

This edition applies to IBM® Tivoli® Netcool® Performance Manager for Wireless and to all subsequent releases and modifications until otherwise indicated in new editions.

				preparations.	
inter_rnc_hho_in_prep_succ_contr_by_msc	nok_nknb_increltgt_tab.swqst2xahl26seccb00hw01qk4	INT8	#	A number of successful incoming MSC controlled inter RNC HHO preparations.	Sum, nkrttbh, tot
inter_rnc_hho_in_prep_succ_contr_by_sgsn	nok_nknb_increltgt_tab.swrt45lahl26seccb00hw01qk4	INT8	#	A number of successful incoming SGSN controlled inter RNC HHO preparations.	Sum, nkrttbh, tot
inter_rnc_hho_in_prep_unsucc_contr_by_2cn_due_to_misc_cause	nok_nknb_increltgt_tab.sxejnr2ahl26seccb00hw01qk4	INT8	#	A number of incoming 2CN controlled HHO relocation preparation failures due to a Miscellaneous cause.	Sum, nkrttbh, tot
inter_rnc_hho_in_prep_unsucc_contr_by_2cn_due_to_nas_cause	nok_nknb_increltgt_tab.sxci46pahl26seccb00hw01qk4	INT8	#	A number of incoming 2CN controlled HHO relocation preparation failures due to a Non Access Stratum cause.	Sum, nkrttbh, tot
inter_rnc_hho_in_prep_unsucc_contr_by_2cn_due_to_non_stan_cause	nok_nknb_increltgt_tab.sxfiqr2ahl26seccb00hw01qk4	INT8	#	A number of incoming 2CN controlled HHO relocation preparation failures due to a Non Standard cause.	Sum, nkrttbh, tot
inter_rnc_hho_in_prep_unsucc_contr_by_2cn_due_to_prot_cause	nok_nknb_increltgt_tab.sxdjadlahl26seccb00hw01qk4	INT8	#	A number of incoming 2CN controlled HHO relocation preparation	Sum, nkrttbh, tot

				failures due to a Protocol cause.	
inter_rnc_hho_in_prep_unsucc_contr_by_2cn_due_to_rn_layer_cause	nok_nknb_increltgt_tab.sxaes3lahl26seccb00hw01qk4	INT8	#	A number of incoming 2CN controlled HHO relocation preparation failures due to a Radio Network Layer cause.	Sum, nkrttbh, tot
inter_rnc_hho_in_prep_unsucc_contr_by_2cn_due_to_tr_layer_cause	nok_nknb_increltgt_tab.sxbgnltahl26seccb00hw01qk4	INT8	#	A number of incoming 2CN controlled HHO relocation preparation failures due to a Transport Layer cause.	Sum, nkrttbh, tot
inter_rnc_hho_in_prep_unsucc_contr_by_msc_due_to_misc_cause	nok_nknb_increltgt_tab.swxtktlahl26seccb00hw01qk4	INT8	#	A number of incoming MSC controlled HHO relocation preparation failures due to a Miscellaneous cause.	Sum, nkrttbh, tot
inter_rnc_hho_in_prep_unsucc_contr_by_msc_due_to_nas_cause	nok_nknb_increltgt_tab.swvtultahl26seccb00hw01qk4	INT8	#	A number of incoming MSC controlled HHO relocation preparation failures due to a Non Access Stratum cause.	Sum, nkrttbh, tot
inter_rnc_hho_in_prep_unsucc_contr_by_msc_due_to_non_stan_cause	nok_nknb_increltgt_tab.swytw5tahl26seccb00hw01qk4	INT8	#	A number of incoming MSC controlled HHO relocation	Sum, nkrttbh, tot

This edition applies to IBM® Tivoli® Netcool® Performance Manager for Wireless and to all subsequent releases and modifications until otherwise indicated in new editions.

				preparation failures due to a Non Standard cause.	
inter_rnc_hho_in_prep_unsucc_contr_by_msc_due_to_prot_cause	nok_nknb_increltgt_tab.swwuhvhahl26seccb00hw01qk4	INT8	#	A number of incoming MSC controlled HHO relocation preparation failures due to a Protocol cause.	Sum, nkrttbh, tot
inter_rnc_hho_in_prep_unsucc_contr_by_msc_due_to_rn_layer_cause	nok_nknb_increltgt_tab.swtumjtahl26seccb00hw01qk4	INT8	#	A number of incoming MSC controlled HHO relocation preparation failures due to a Radio Network Layer cause.	Sum, nkrttbh, tot
inter_rnc_hho_in_prep_unsucc_contr_by_msc_due_to_tr_layer_cause	nok_nknb_increltgt_tab.swuvan2ahl26seccb00hw01qk4	INT8	#	A number of incoming MSC controlled HHO relocation preparation failures due to a Transport Layer cause.	Sum, nkrttbh, tot
inter_rnc_hho_in_prep_unsucc_contr_by_sgsn_due_to_misc_cause	nok_nknb_increltgt_tab.sx5cm3xahl26seccb00hw01qk4	INT8	#	A number of incoming SGSN controlled HHO relocation preparation failures due to a Miscellaneous cause.	Sum, nkrttbh, tot
inter_rnc_hho_in_prep_unsucc_contr_by_sgsn_due_to_nas_cause	nok_nknb_increltgt_tab.sx2wf5pahl26seccb00hw01qk4	INT8	#	A number of incoming SGSN controlled HHO relocation preparation failures due to a Non Access Stratum cause.	Sum, nkrttbh, tot

inter_rnc_hho_in_prep_unsucc_contr_by_sgsn_due_to_non_stan_cause	nok_nknb_increltgt_tab.sx6dkf6ahl26seccb00hw01qk4	INT8	#	A number of incoming SGSN controlled HHO relocation preparation failures due to a Non Standard cause.	Sum, nkrttbh, tot
inter_rnc_hho_in_prep_unsucc_contr_by_sgsn_due_to_prot_cause	nok_nknb_increltgt_tab.sx42gg6ahl26seccb00hw01qk4	INT8	#	A number of incoming SGSN controlled HHO relocation preparation failures due to a Protocol cause.	Sum, nkrttbh, tot
inter_rnc_hho_in_prep_unsucc_contr_by_sgsn_due_to_rn_layer_cause	nok_nknb_increltgt_tab.sx0v3b2ahl26seccb00hw01qk4	INT8	#	A number of incoming SGSN controlled HHO relocation preparation failures due to a Radio Network Layer cause.	Sum, nkrttbh, tot
inter_rnc_hho_in_prep_unsucc_contr_by_sgsn_due_to_tr_layer_cause	nok_nknb_increltgt_tab.sx1wbglahl26seccb00hw01qk4	INT8	#	A number of incoming SGSN controlled HHO relocation preparation failures due to a Transport Layer cause.	Sum, nkrttbh, tot

6.31.11Neighbour_RNC.Nokia.UMTS.interrnc.relocation

Inter-RNC hard handover: Relocation commit statistics

KPI Name	Expression	Data Type	Units	Description	Aggregation

inter_rnc_hho_commit_in_source_rnc	nok_interrnc_relocation_tab.suuvv2lahl26seccb00hw01qk4	INT8	#	A number of committed inter RNC hard handovers on source RNC side.	Sum, nkrttbh, tot
inter_rnc_hho_commit_in_target_rnc	nok_interrnc_relocation_tab.suvxtfhahl26seccb00hw01qk4	INT8	#	A number of committed inter RNC hard handovers on target RNC side.	Sum, nkrttbh, tot

6.31.12Neighbour_RNC.Nokia.UMTS.macd_pdu_data_stats

MAC-d PDU statistics

KPI Name	Expression	Data Type	Units	Description	Aggregation
amr_data_from_drnc	nok_nknrn_macpdudat_tab.xdrxao4dmm2aicsd002uaxybdk	INTEGER	Byte	The amount of MAC-d PDU CS Voice (AMR) data in RNC in the uplink direction for data received from DRNC during the measurement interval.	Sum, nkrttbh, tot
amr_data_to_drnc	nok_nknrn_macpdudat_tab.xdrxao6dmm2aicsd002uaxybdk	INTEGER	Byte	The amount of MAC-d PDU CS Voice (AMR) data in RNC in the downlink direction for data sent to DRNC during the measurement period.	Sum, nkrttbh, tot
bgr_data_from_drnc	nok_nknrn_macpdudat_tab.xdrxaofdmm2aicsd002uaxybdk	INTEGER	Byte	The amount of MAC-d PDU background data in RNC in the uplink direction for data received from DRNC during the measurement	Sum, nkrttbh, tot

				interval (includes both Rel99 DCH and E-DCH).	
bgr_data_to_drnc	nok_nknrn_macpdudat_tab.xdrxaohdmm2aicsd002uaxybdk	INTEGER	Byte	The amount of MAC-d PDU background data in RNC in the downlink direction for data sent to DRNC during the measurement interval (includes both Rel99 DCH and HS-DSCH).	Sum, nkrttbh, tot
bgr_dch_dl_data_to_drnc	nok_nknrn_macpdudat_tab.xdrxap6dmm2aicsd002uaxybdk	INTEGER	Byte	The amount of MAC-d PDU NRT DCH background call DCH data in the downlink direction during the measurement interval.	Sum, nkrttbh, tot
bgr_dch_ul_data_from_drnc	nok_nknrn_macpdudat_tab.xdrxap4dmm2aicsd002uaxybdk	INTEGER	Byte	The amount of MAC-d PDU NRT DCH background call DCH data in the uplink direction during the measurement interval.	Sum, nkrttbh, tot
cs_conv_data_from_drnc	nok_nknrn_macpdudat_tab.xdrxaojdmm2aicsd002uaxybdk	INTEGER	Byte	The amount of MAC-d PDU CS conversational data in RNC in the uplink direction for data received from DRNC during the measurement	Sum, nkrttbh, tot

				interval. This counter does not include CS Voice calls, but only CS Conversational data calls (UDI).	
cs_conv_data_to_drnc	nok_nknrn_macpdudat_tab.xdrxaoldmm2aicsd002uaxybdk	INTEGER	Byte	The amount of MAC-d PDU CS conversational data in RNC in the downlink direction for data sent to DRNC during the measurement interval. This counter does not include CS Voice calls, but only CS Conversational data calls (UDI).	Sum, nkrttbh, tot
cs_strea_data_from_drnc	nok_nknrn_macpdudat_tab.xdrxaondmm2aicsd002uaxybdk	INTEGER	Byte	The amount of MAC-d PDU CS streaming data in RNC in the uplink direction for data received from DRNC during the measurement interval.	Sum, nkrttbh, tot
cs_strea_data_to_drnc	nok_nknrn_macpdudat_tab.xdrxaordmm2aicsd002uaxybdk	INTEGER	Byte	The amount of MAC-d PDU CS streaming data in RNC in the downlink direction for data sent to DRNC during the measurement interval.	Sum, nkrttbh, tot
intera_data_from_drnc	nok_nknrn_macpdudat_tab.xdrxaobdmm2aicsd002uaxybdk	INTEGER	Byte	The amount of MAC-d PDU interactive data in RNC in the uplink direction for data	Sum, nkrttbh, tot

				received from DRNC during the measurement interval.	
intera_data_to_drnc	nok_nknrn_macpdudat_tab.xdrxaoddmm2aicsd002uaxybdk	INTEGER	Byte	The amount of MAC-d PDU interactive data in RNC in the downlink direction for data sent to DRNC during the measurement interval.	Sum, nkrttbh, tot
intera_dch_dl_data_to_drnc	nok_nknrn_macpdudat_tab.xdrxap2dmm2aicsd002uaxybdk	INTEGER	Byte	The amount of MAC-d PDU NRT DCH interactive call DCH data in the downlink direction during the measurement interval.	Sum, nkrttbh, tot
intera_dch_ul_data_from_drnc	nok_nknrn_macpdudat_tab.xdrxap0dmm2aicsd002uaxybdk	INTEGER	Byte	The amount of MAC-d PDU NRT DCH interactive call DCH data in the uplink direction during the measurement interval.	Sum, nkrttbh, tot
ps_str_dch_dl_data_to_drnc	nok_nknrn_macpdudat_tab.xdrxaoxdmm2aicsd002uaxybdk	INTEGER	Byte	The amount of MAC-d PDU PS RT streaming call DCH data in the downlink direction during the measurement interval.	Sum, nkrttbh, tot
ps_str_dch_ul_data	nok_nknrn_macpdudat_tab.	INTEG	Byte	The amount of	Sum,

_from_drnc	xdrxaovdmm2aicsd002uaxybdk	ER		MAC-d PDU PS RT streaming call DCH data in the uplink direction during the measurement interval.	nkrttbh, tot
ps_strea_data_from_drnc	nok_nknrn_macpdudat_tab.xdrxaopdmm2aicsd002uaxybdk	INTEGER	Byte	The amount of MAC-d PDU PS streaming data in RNC in the uplink direction for data received from DRNC during the measurement interval (includes both Rel99 DCH and E-DCH).	Sum, nkrttbh, tot
ps_strea_data_to_drnc	nok_nknrn_macpdudat_tab.xdrxaotdmm2aicsd002uaxybdk	INTEGER	Byte	The amount of MAC-d PDU PS streaming data in RNC in the downlink direction for data sent to DRNC during the measurement interval (includes both Rel99 DCH and HS-DSCH).	Sum, nkrttbh, tot

6.31.13Neighbour_RNC.Nokia.UMTS.nrt_dch_failure_stats

NRT radio bearer statistics

KPI Name	Expression	Data Type	Units	Description	Aggregation
fail_nrt_dch_dl_reconf_iur	nok_nknrn_nrtdchf_tab.xdrxapfdmm2aicsd002uaxybdk	INTEGER	#	The number of DCH DL reconfiguration failures for NRT RB in the downlink direction due to Iur interface.	Sum, nkrttbh, tot

fail_nrt_dch_setup_iur	nok_nknrn_nrtdchf_tab.xdrxapbdmm2aicsd002uaxybdk	INTEGER	#	The number of DCH setup failures for NRT radio bearer due to Iur interface.	Sum, nkrttbh, tot
fail_nrt_dch_ul_reconf_iur	nok_nknrn_nrtdchf_tab.xdrxapddmm2aicsd002uaxybdk	INTEGER	#	The number of DCH reconfiguration failures for NRT RB in the uplink direction due to Iur interface.	Sum, nkrttbh, tot

6.31.14Neighbour_RNC.Nokia.UMTS.pswitch

Packet switched based inter system hard handover statistics

KPI Name	Expression	Data Type	Units	Description	Aggregation
srns_con_req_in	nok_nknbrnc_psw_tab.sxhjjcxahl26seccb00hw01qk4	INT8	#	Number of received SRNS Context Requests from SGSN.	Sum, nkrttbh, tot
srns_con_res_out	nok_nknbrnc_psw_tab.sxikl06ahl26seccb00hw01qk4	INT8	#	Number of sent SRNS Context Responses to SGSN.	Sum, nkrttbh, tot
srns_data_frw_com_in	nok_nknbrnc_psw_tab.sxjla6hahl26seccb00hw01qk4	INT8	#	Number of received Data Forward Command messages from SGSN.	Sum, nkrttbh, tot
sta_forw_data_in_source_rnc_on_iu	nok_nknbrnc_psw_tab.sxgiiitahl26seccb00hw01qk4	INT8	#	Number of started forwarding data cases in Source RNC on IU. This counter includes both SRNC	Sum, nkrttbh, tot

				relocation and Inter RNC HHO cases.	

6.31.15Neighbour_RNC.Nokia.UMTS.RAN_Usage.Service_Level

RAN service usage KPIs

KPI Name	Expression	Data Type	Units	Description	Aggregation
_%_iur_availability	nok_nknrnc_ranusesvclvl_tab.skegin6ag32ahdvuj02uauibev	FLOAT	%	The percentage of time when the Iur interface SCCP subsystem is in working state. [%]. [RAN_KPI_0053]	Average, avg, max, min, nkrttbh, tot

6.31.16Neighbour_RNC.Nokia.UMTS.rnsap.compressed_mode_command

RNSAP - DCH radio link compressed mode command statistics

KPI Name	Expression	Data Type	Units	Description	Aggregation
nbr_of_rec_comp_mode_cmds_on_drnc	nok_rnsap_compr_mod_com_tab.sxlmyh2ahl26seccb00hw01qk4	INT8	#	Number of received Compressed Mode Commands on DRNC side.	Sum, nkrttbh, tot
nbr_of_sent_comp_mode_cmds_on_srnc	nok_rnsap_compr_mod_com_tab.sxklxwxahl26seccb00hw01qk4	INT8	#	Number of sent Compressed Mode Commands on SRNC side.	Sum, nkrttbh, tot

6.31.17Neighbour_RNC.Nokia.UMTS.rnsap.dch_dedicated_iur

RNSAP - DCH dedicated measurement initiation statistics

KPI Name	Expression	Data Type	Units	Description	Aggregation
nbr_of_rec_ded_mea_fail_ind_on_srnc	nok_nknrn_rsdchddtiur_tab.sxxx0axahl26seccb00hw01qk4	INT8	#	Number of received Dedicated Measurement Failure Indication messages on SRNC side.	Sum, nkrttbh, tot

nbr_of_rec_ded_mea_fail_on_srnc	nok_nknrn_rsdchddtiur_tab.sxphostahl26seccb00hw01qk4	INT8	#	Number of received Dedicated Measurement Failure messages on SRNC side.	Sum, nkrttbh, tot
nbr_of_rec_ded_mea_ini_on_drnc	nok_nknrn_rsdchddtiur_tab.sxqhmxlahl26seccb00hw01qk4	INT8	#	Number of received Dedicated Measurement Initiation messages on DRNC side.	Sum, nkrttbh, tot
nbr_of_rec_ded_mea_ini_on_srnc	nok_nknrn_rsdchddtiur_tab.sxtn0o6ahl26seccb00hw01qk4	INT8	#	Number of received Dedicated Measurement Report messages on SRNC side.	Sum, nkrttbh, tot
nbr_of_rec_ded_mea_res_on_srnc	nok_nknrn_rsdchddtiur_tab.sxnvodtahl26seccb00hw01qk4	INT8	#	Number of received Dedicated Measurement Response messages on SRNC side.	Sum, nkrttbh, tot
nbr_of_rec_ded_mea_ter_req_on_drnc	nok_nknrn_rsdchddtiur_tab.sxwpqnpahl26seccb00hw01qk4	INT8	#	Number of received Dedicated Measurement Termination messages on DRNC side.	Sum, nkrttbh, tot
nbr_of_sent_ded_mea_fail_ind_on_drnc	nok_nknrn_rsdchddtiur_tab.sxyy00xahl26seccb00hw01qk4	INT8	#	Number of sent Dedicated Measurement Failure Indication messages on DRNC side.	Sum, nkrttbh, tot
nbr_of_sent_ded_mea_fail_on_drnc	nok_nknrn_rsdchddtiur_tab.sxsl3mxahl26seccb00hw01qk4	INT8	#	Number of sent Dedicated Measurement Failure messages on DRNC side.	Sum, nkrttbh, tot

This edition applies to IBM® Tivoli® Netcool® Performance Manager for Wireless and to all subsequent releases and modifications until otherwise indicated in new editions.

nbr_of_sent_ded_mea_ini_on_srnc	nok_nknrn_rsdchddtiur_tab.sxmo2llahl26seccb00hw01qk4	INT8	#	Number of sent Dedicated Measurement Initiation messages on SRNC side.	Sum, nkrttbh, tot
nbr_of_sent_ded_mea_rep_on_drnc	nok_nknrn_rsdchddtiur_tab.sxuomgpahl26seccb00hw01qk4	INT8	#	Number of sent Dedicated Measurement Report messages on DRNC side.	Sum, nkrttbh, tot
nbr_of_sent_ded_mea_res_on_drnc	nok_nknrn_rsdchddtiur_tab.sxrjmppahl26seccb00hw01qk4	INT8	#	Number of sent Dedicated Measurement Response messages on DRNC side.	Sum, nkrttbh, tot
nbr_of_sent_ded_mea_ter_req_on_srnc	nok_nknrn_rsdchddtiur_tab.sxvnbuxahl26seccb00hw01qk4	INT8	#	Number of sent Dedicated Measurement Termination messages on SRNC side.	Sum, nkrttbh, tot

6.31.18Neighbour_RNC.Nokia.UMTS.rnsap.dch_radio_link_addition_iur

RNSAP - DCH radio link addition statistics

KPI Name	Expression	Data Type	Units	Description	Aggregation
_%_radio_link_addition_success_rate_over_iur	100 * ({rl_add_succ_for_inter_rnc_sho_on_srnc} + {rl_add_succ_for_inter_rnc_sho_on_drnc})/ ({rl_add_req_for_inter_rnc_sho_on_srnc} + {rl_add_succ_for_inter_rnc_sho_on_drnc})	FLOAT	%	Percentage of radio link addition successes on inter RNC handover on serving and drifting RNC	Average, avg, nkrttbh
rl_add_fail_for_inter_rnc_sho_on_drnc_due_to_misc_cause	nok_nknrn_rsdcrdlkadiur_tab.syfbp66ahl26seccb00hw01qk4	INT8	#	A number of radio link addition failures on inter RNC soft HO on DRNC side	Sum, nkrttbh, tot

				(incoming RL setup) due to a Miscellaneous cause.	
rl_add_fail_for_inter_rnc_sho_on_drnc_due_to_prot_cause	nok_nknrn_rsdcrdlkadiur_tab.syechv2ahl26seccb00hw01qk4	INT8	#	A number of radio link addition failures on inter RNC soft HO on DRNC side (incoming RL setup) due to a Protocol cause.	Sum, nkrttbh, tot
rl_add_fail_for_inter_rnc_sho_on_drnc_due_to_rn_layer_cause	nok_nknrn_rsdcrdlkadiur_tab.syca1fhahl26seccb00hw01qk4	INT8	#	A number of radio link addition failures on inter RNC soft HO on DRNC side (incoming RL setup) due to a Radio Network Layer cause.	Sum, nkrttbh, tot
rl_add_fail_for_inter_rnc_sho_on_drnc_due_to_tr_cause	nok_nknrn_rsdcrdlkadiur_tab.syd6vjdahl26seccb00hw01qk4	INT8	#	A number of radio link addition failures on inter RNC soft HO on DRNC side (incoming RL setup) due to a Transport Layer cause.	Sum, nkrttbh, tot
rl_add_fail_for_inter_rnc_sho_on_srnc_due_to_misc_cause	nok_nknrn_rsdcrdlkadiur_tab.syb6oipahl26seccb00hw01qk4	INT8	#	A number of radio link addition failures on inter RNC soft HO on SRNC side (outgoing RL setup) due to a Miscellaneous	Sum, nkrttbh, tot

This edition applies to IBM® Tivoli® Netcool® Performance Manager for Wireless and to all subsequent releases and modifications until otherwise indicated in new editions.

				cause.	
rl_add_fail_for_inter_rnc_sho_on_srnc_due_to_prot_cause	nok_nknrn_rsdcrdlkadiur_tab.sya4x6tahl26seccb00hw01qk4	INT8	#	A number of radio link addition failures on inter RNC soft HO on SRNC side (outgoing RL setup) due to a Protocol cause.	Sum, nkrttbh, tot
rl_add_fail_for_inter_rnc_sho_on_srnc_due_to_rn_layer_cause	nok_nknrn_rsdcrdlkadiur_tab.sy54hihahl26seccb00hw01qk4	INT8	#	A number of radio link addition failures on inter RNC soft HO on SRNC side (outgoing RL setup) due to a Radio Network Layer cause.	Sum, nkrttbh, tot
rl_add_fail_for_inter_rnc_sho_on_srnc_due_to_tr_layer_cause	nok_nknrn_rsdcrdlkadiur_tab.sy64xihahl26seccb00hw01qk4	INT8	#	A number of radio link addition failures on inter RNC soft HO on SRNC side (outgoing RL setup) due to a Transport Layer cause.	Sum, nkrttbh, tot
rl_add_req_for_inter_rnc_sho_on_drnc	nok_nknrn_rsdcrdlkadiur_tab.sy21536ahl26seccb00hw01qk4	INT8	#	A number of radio link addition requests for inter RNC soft HO on DRNC side (incoming RL setup).	Sum, nkrttbh, tot
rl_add_req_for_inter_rnc_sho_on_srnc	nok_nknrn_rsdcrdlkadiur_tab.sy102v2ahl26seccb00hw01qk4	INT8	#	A number of radio link addition requests for inter RNC soft HO on SRNC side (outgoing RL setup).	Sum, nkrttbh, tot
rl_add_succ_for_inter_rnc_sho_on_dr	nok_nknrn_rsdcrdlkadiur_tab.sy43vflahl26seccb00hw	INT8	#	A number of radio link addition	Sum, nkrttbh,

nc	01qk4			successes on inter RNC soft HO on DRNC side (incoming RL setup).	tot
rl_add_succ_for_inter_rnc_sho_on_srnc	nok_nknrn_rsdcrdlkadiur_tab.sy32yr6ahl26seccb00hw01qk4	INT8	#	A number of radio link addition successes on inter RNC soft HO on SRNC side (outgoing RL setup).	Sum, nkrttbh, tot

6.31.19Neighbour_RNC.Nokia.UMTS.rnsap.dch_radio_link_failures_iur

RNSAP - DCH radio link failures statistics

KPI Name	Expression	Data Type	Units	Description	Aggregation
rl_del_for_inter_rnc_sho_on_drnc	nok_nknrn_rsdcrdlkfliur_tab.systwe6ahl26seccb00hw01qk4	INT8	#	A number of radio link deletions on inter RNC soft HO on DRNC side.	Sum, nkrttbh, tot
rl_del_for_inter_rnc_sho_on_srnc_due_to_hanging_resource	nok_nknrn_rsdcrdlkfliur_tab.syw13e6ahl26seccb00hw01qk4	INT8	#	The number of radio link deletion requests for inter-RNC soft handover on SRNC due to hanging resource.	Sum, nkrttbh, tot
rl_del_for_inter_rnc_sho_on_srnc	nok_nknrn_rsdcrdlkfliur_tab.syruispahl26seccb00hw01qk4	INT8	#	A number of radio link deletions on inter RNC soft HO on SRNC side.	Sum, nkrttbh, tot
rl_del_resp_for_inter_rnc_sho_on_drnc	nok_nknrn_rsdcrdlkfliur_tab.syuydjdahl26seccb00hw01qk4	INT8	#	A number of radio link deletion responses on inter RNC soft HO on	Sum, nkrttbh, tot

				DRNC side.	
rl_del_resp_for_inter_rnc_sho_on_srnc	nok_nknrn_rsdcrdlkfliur_tab.sytwgbtahl26seccb00hw01qk4	INT8	#	A number of radio link deletion responses on inter RNC soft HO on SRNC side.	Sum, nkrttbh, tot
rl_fail_for_inter_rnc_sho_on_drnc_due_to_misc_cause	nok_nknrn_rsdcrdlkfliur_tab.syqumi2ahl26seccb00hw01qk4	INT8	#	A number of radio link failures on inter RNC soft HO on DRNC side (incoming RL setup) due to a Miscellaneous cause.	Sum, nkrttbh, tot
rl_fail_for_inter_rnc_sho_on_drnc_due_to_prot_cause	nok_nknrn_rsdcrdlkfliur_tab.sypsdxxahl26seccb00hw01qk4	INT8	#	A number of radio link failures on inter RNC soft HO on DRNC side (incoming RL setup) due to a Protocol cause.	Sum, nkrttbh, tot
rl_fail_for_inter_rnc_sho_on_drnc_due_to_rn_layer_cause	nok_nknrn_rsdcrdlkfliur_tab.synogd2ahl26seccb00hw01qk4	INT8	#	A number of radio link failures on inter RNC soft HO on DRNC side (incoming RL setup) due to a Radio Network Layer cause.	Sum, nkrttbh, tot
rl_fail_for_inter_rnc_sho_on_drnc_due_to_syn_fail	nok_nknrn_rsdcrdlkfliur_tab.symlnjpahl26seccb00hw01qk4	INT8	#	A number of radio link failures on inter RNC soft HO on DRNC side due to a radio link synchronisation failure.	Sum, nkrttbh, tot
rl_fail_for_inter_rnc_sho_on_drnc_due_to_tr_cause	nok_nknrn_rsdcrdlkfliur_tab.syoqlh2ahl26seccb00hw01qk4	INT8	#	A number of radio link failures on inter RNC soft HO on DRNC side (incoming RL setup) due to a	Sum, nkrttbh, tot

				Transport Layer cause.	
rl_fail_for_inter_rnc_sho_on_srnc_due_to_misc_cause	nok_nknrn_rsdcrdlkfliur_tab.sylkjpxahl26seccb00hw01qk4	INT8	#	A number of radio link failures on inter RNC soft HO on SRNC side (outgoing RL setup) due to a Miscellaneous cause.	Sum, nkrttbh, tot
rl_fail_for_inter_rnc_sho_on_srnc_due_to_prot_cause	nok_nknrn_rsdcrdlkfliur_tab.sykjgvhahl26seccb00hw01qk4	INT8	#	A number of radio link failures on inter RNC soft HO on SRNC side (outgoing RL setup) due to a Protocol cause.	Sum, nkrttbh, tot
rl_fail_for_inter_rnc_sho_on_srnc_due_to_rn_layer_cause	nok_nknrn_rsdcrdlkfliur_tab.syihhadahl26seccb00hw01qk4	INT8	#	A number of radio link failures on inter RNC soft HO on SRNC side (outgoing RL setup) due to a Radio Network Layer cause.	Sum, nkrttbh, tot
rl_fail_for_inter_rnc_sho_on_srnc_due_to_syn_fail	nok_nknrn_rsdcrdlkfliur_tab.syhfnflahl26seccb00hw01qk4	INT8	#	A number of radio link failures on inter RNC soft HO on SRNC side due to a radio link synchronisation failure.	Sum, nkrttbh, tot
rl_fail_for_inter_rnc_sho_on_srnc_due_to_tr_cause	nok_nknrn_rsdcrdlkfliur_tab.syjgomdahl26seccb00hw01qk4	INT8	#	A number of radio link failures on inter RNC soft HO on SRNC side (outgoing RL setup) due to a Transport	Sum, nkrttbh, tot

				Layer cause.	

6.31.20Neighbour_RNC.Nokia.UMTS.rnsap.dch_radio_link_iur

RNSAP - DCH radio link preemption, restoration and physical channel reconfiguration statistics

KPI Name	Expression	Data Type	Units	Description	Aggregation
nbr_of_rec_phy_cha_reconf_com_on_drnc	nok_nknrn_rsdcrdlkiur_tab.t0540etahl26seccb00hw01qk4	INT8	#	Number of received Physical Channel Reconfiguration Commands on DRNC side.	Sum, nkrttbh, tot
nbr_of_rec_phy_cha_reconf_req_on_srnc	nok_nknrn_rsdcrdlkiur_tab.t024wptahl26seccb00hw01qk4	INT8	#	Number of received Physical Channel Reconfiguration Requests on SRNC side.	Sum, nkrttbh, tot
nbr_of_rec_rl_pre_emp_req_ind_on_srnc	nok_nknrn_rsdcrdlkiur_tab.syx2pcxahl26seccb00hw01qk4	INT8	#	Number of received Radio Link Pre emption Required Indication messages on SRNC side.	Sum, nkrttbh, tot
nbr_of_rec_rl_res_ind_on_srnc	nok_nknrn_rsdcrdlkiur_tab.t0033shahl26seccb00hw01qk4	INT8	#	Number of received Radio Link Restoration Indication messages on SRNC side.	Sum, nkrttbh, tot
nbr_of_sent_phy_cha_reconf_com_on_srnc	nok_nknrn_rsdcrdlkiur_tab.t036t5dahl26seccb00hw01qk4	INT8	#	Number of sent Physical Channel Reconfiguration Commands on SRNC side.	Sum, nkrttbh, tot
nbr_of_sent_phy_cha_reconf_req_on_drnc	nok_nknrn_rsdcrdlkiur_tab.t0450qdahl26seccb00hw01qk4	INT8	#	Number of sent Physical Channel Reconfiguration Requests on DRNC side.	Sum, nkrttbh, tot
nbr_of_sent_res_ind_on_drnc	nok_nknrn_rsdcrdlkiur_tab.t0120ttahl26seccb00hw01qk4	INT8	#	Number of sent Radio Link Restoration	Sum, nkrttbh, tot

				Indication messages on DRNC side.	
nbr_of_sent_rl_pre_emp_req_ind_on_drnc	nok_nknrn_rsdcrdlkiur_tab.syy4j26ahl26seccb00hw01qk4	INT8	#	Number of sent Radio Link Pre emption Required Indication messages on DRNC side.	Sum, nkrttbh, tot

6.31.21Neighbour_RNC.Nokia.UMTS.rnsap.dch_radio_link_reconfig_sync_fail_iur

RNSAP - DCH synchronised radio link reconfiguration failures over Iur statistics

KPI Name	Expression	Data Type	Units	Description	Aggregation
rl_reconf_prep_synch_over_iur_dch_add_fail_on_drnc_due_misc_cause	nok_nknrn_rsdcrdlksfiu_tab.t0q44tpahl26seccb00hw01qk4	INT8	#	[rl_reconf_prep_synch_over_iur_for_dch_add_fail_on_drnc_due_to_misc_cause] - A number of failed DCH additions for synchronised radio link reconfiguration preparations over IUR due to a Miscellaneous cause (DRNC side).	Sum, nkrttbh, tot
rl_reconf_prep_synch_over_iur_dch_add_fail_on_drnc_due_prot_cause	nok_nknrn_rsdcrdlksfiu_tab.t0p4y36ahl26seccb00hw01qk4	INT8	#	[rl_reconf_prep_synch_over_iur_for_dch_add_fail_on_drnc_due_to_prot_cause] - A number of failed DCH additions for synchronised radio link reconfiguration preparations over IUR due to a Protocol cause	Sum, nkrttbh, tot

				(DRNC side).	
rl_reconf_prep_synch_over_iur_dch_add_fail_on_drnc_due_rn_layer_cause	nok_nknrn_rsdcrdlksfiu_tab.t0n6p2xahl26seccb00hw01qk4	INT8	#	[rl_reconf_prep_synch_over_iur_for_dch_add_fail_on_drnc_due_to_rn_layer_cause] - A number of failed DCH additions for synchronised radio link reconfiguration preparations over IUR due to a Radio Network Layer cause (DRNC side).	Sum, nkrttbh, tot
rl_reconf_prep_synch_over_iur_dch_add_fail_on_drnc_due_tr_cause	nok_nknrn_rsdcrdlksfiu_tab.t0o665pahl26seccb00hw01qk4	INT8	#	rl_reconf_prep_synch_over_iur_for_dch_add_fail_on_drnc_due_to_tr_cause:A number of failed DCH additions for synchronised radio link reconfiguration preparations over IUR due to a Transport Layer cause (DRNC side).	Sum, nkrttbh, tot
rl_reconf_prep_synch_over_iur_dch_add_fail_on_srnc_due_misc_cause	nok_nknrn_rsdcrdlksfiu_tab.t0cjtvlahl26seccb00hw01qk4	INT8	#	[rl_reconf_prep_synch_over_iur_for_dch_add_fail_on_srnc_due_to_misc_cause] - A number of failed DCH additions for synchronised radio link reconfiguration preparations over IUR due to a Miscellaneous cause (SRNC side).	Sum, nkrttbh, tot
rl_reconf_prep_synch_over_iur_dch_add_fail_on_srnc_due_prot_cause	nok_nknrn_rsdcrdlksfiu_tab.t0bebbtahl26seccb00hw01qk4	INT8	#	[rl_reconf_prep_synch_over_iur_for_dch_add_fail_on_srnc_due_to_prot_cause	Sum, nkrttbh, tot

				] - A number of failed DCH additions for synchronised radio link reconfiguration preparations over IUR due to a Protocol cause (SRNC side).	
rl_reconf_prep_synch_over_iur_dch_add_fail_on_srnc_due_rn_layer_cause	nok_nknrn_rsdcrdlksfiu_tab.t066sldahl26seccb00hw01qk4	INT8	#	[rl_reconf_prep_synch_over_iur_for_dch_add_fail_on_srnc_due_to_rn_layer_cause] - A number of failed DCH additions for synchronised radio link reconfiguration preparations over IUR due to a Radio Network Layer cause (SRNC side).	Sum, nkrttbh, tot
rl_reconf_prep_synch_over_iur_dch_add_fail_on_srnc_due_tr_cause	nok_nknrn_rsdcrdlksfiu_tab.t0abxw6ahl26seccb00hw01qk4	INT8	#	rl_reconf_prep_synch_over_iur_for_dch_add_fail_on_srnc_due_to_tr_cause:A number of failed DCH additions for synchronised radio link reconfiguration preparations over IUR due to a Transport Layer cause (SRNC side).	Sum, nkrttbh, tot
rl_reconf_prep_synch_over_iur_dch_del_fail_on_drnc_due_misc_cause	nok_nknrn_rsdcrdlksfiu_tab.t0yiqhhahl26seccb00hw01qk4	INT8	#	[rl_reconf_prep_synch_over_iur_for_dch_del_fail_on_drnc_due_to_misc_cause] - A number of	Sum, nkrttbh, tot

This edition applies to IBM® Tivoli® Netcool® Performance Manager for Wireless and to all subsequent releases and modifications until otherwise indicated in new editions.

				failed DCH deletions for synchronised radio link reconfiguration preparations over IUR due to a Miscellaneous cause (DRNC side).	
rl_reconf_prep_synch_over_iur_dch_del_fail_on_drnc_due_prot_cause	nok_nknrn_rsdcrdlksfiu_tab.t0xhbfpahl26seccb00hw01qk4	INT8	#	[rl_reconf_prep_synch_over_iur_for_dch_del_fail_on_drnc_due_to_prot_cause] - A number of failed DCH deletions for synchronised radio link reconfiguration preparations over IUR due to a Protocol cause (DRNC side).	Sum, nkrttbh, tot
rl_reconf_prep_synch_over_iur_dch_del_fail_on_drnc_due_rn_layer_cause	nok_nknrn_rsdcrdlksfiu_tab.t0vemotahl26seccb00hw01qk4	INT8	#	[rl_reconf_prep_synch_over_iur_for_dch_del_fail_on_drnc_due_to_rn_layer_cause] - A number of failed DCH deletions for synchronised radio link reconfiguration preparations over IUR due to a Radio Network Layer cause (DRNC side).	Sum, nkrttbh, tot
rl_reconf_prep_synch_over_iur_dch_del_fail_on_drnc_due_tr_cause	nok_nknrn_rsdcrdlksfiu_tab.t0wg0flahl26seccb00hw01qk4	INT8	#	rl_reconf_prep_synch_over_iur_for_dch_del_fail_on_drnc_due_to_tr_cause:A number of failed DCH deletions for synchronised radio link reconfiguration preparations over IUR due to a	Sum, nkrttbh, tot

				Transport Layer cause (DRNC side).	
rl_reconf_prep_synch_over_iur_dch_del_fail_on_srnc_due_misc_cause	nok_nknrn_rsdcrdlksfiu_tab.t0l4kchahl26seccb00hw01qk4	INT8	#	[rl_reconf_prep_synch_over_iur_for_dch_del_fail_on_srnc_due_to_misc_cause] - A number of failed DCH deletions for synchronised radio link reconfiguration preparations over IUR due to a Miscellaneous cause (SRNC side).	Sum, nkrttbh, tot
rl_reconf_prep_synch_over_iur_dch_del_fail_on_srnc_due_prot_cause	nok_nknrn_rsdcrdlksfiu_tab.t0k31tlahl26seccb00hw01qk4	INT8	#	[rl_reconf_prep_synch_over_iur_for_dch_del_fail_on_srnc_due_to_prot_cause] - A number of failed DCH deletions for synchronised radio link reconfiguration preparations over IUR due to a Protocol cause (SRNC side).	Sum, nkrttbh, tot
rl_reconf_prep_synch_over_iur_dch_del_fail_on_srnc_due_rn_layer_cause	nok_nknrn_rsdcrdlksfiu_tab.t0hsc6lahl26seccb00hw01qk4	INT8	#	[rl_reconf_prep_synch_over_iur_for_dch_del_fail_on_srnc_due_to_rn_layer_cause] - A number of failed DCH deletions for synchronised radio link reconfiguration preparations over IUR due to a Radio Network Layer cause (SRNC side).	Sum, nkrttbh, tot

rl_reconf_prep_synch_over_iur_dch_del_fail_on_srnc_due_tr_cause	nok_nknrn_rsdcrdlksfiu_tab.t0iu4hdahl26seccb00hw01qk4	INT8	#	rl_reconf_prep_synch_over_iur_for_dch_del_fail_on_srnc_due_to_tr_cause:A number of failed DCH deletions for synchronised radio link reconfiguration preparations over IUR due to a Transport Layer cause (SRNC side).	Sum, nkrttbh, tot
rl_reconf_prep_synch_over_iur_dch_mod_fail_on_drnc_due_misc_cause	nok_nknrn_rsdcrdlksfiu_tab.t0uc03dahl26seccb00hw01qk4	INT8	#	[rl_reconf_prep_synch_over_iur_for_dch_mod_fail_on_drnc_due_to_misc_cause] - A number of failed DCH modifications for synchronised radio link reconfiguration preparations over IUR due to a Miscellaneous cause (DRNC side).	Sum, nkrttbh, tot
rl_reconf_prep_synch_over_iur_dch_mod_fail_on_drnc_due_prot_cause	nok_nknrn_rsdcrdlksfiu_tab.t0tcvxdahl26seccb00hw01qk4	INT8	#	[rl_reconf_prep_synch_over_iur_for_dch_mod_fail_on_drnc_due_to_prot_cause] - A number of failed DCH modifications for synchronised radio link reconfiguration preparations over IUR due to a Protocol cause.	Sum, nkrttbh, tot
rl_reconf_prep_synch_over_iur_dch_mod_fail_on_drnc_due_rn_layer_cause	nok_nknrn_rsdcrdlksfiu_tab.t0r6gqxahl26seccb00hw01qk4	INT8	#	[rl_reconf_prep_synch_over_iur_for_dch_mod_fail_on_drnc_due_to_rn_layer_cause] - A number of failed DCH modifications for	Sum, nkrttbh, tot

				synchronised radio link reconfiguration preparations over IUR due to a Radio Network Layer cause (DRNC side).	
rl_reconf_prep_synch_over_iur_dch_mod_fail_on_drnc_due_tr_cause	nok_nknrn_rsdcrdlksfiu_tab.t0saxmtahl26seccb00hw01qk4	INT8	#	rl_reconf_prep_synch_over_iur_for_dch_mod_fail_on_drnc_due_to_tr_cause:A number of failed DCH modifications for synchronised radio link reconfiguration preparations over IUR due to a Transport Layer cause (DRNC side).	Sum, nkrttbh, tot
rl_reconf_prep_synch_over_iur_dch_mod_fail_on_srnc_due_misc_cause	nok_nknrn_rsdcrdlksfiu_tab.t0gr5rpahl26seccb00hw01qk4	INT8	#	[rl_reconf_prep_synch_over_iur_for_dch_mod_fail_on_srnc_due_to_misc_cause] - A number of failed DCH modifications for synchronised radio link reconfiguration preparations over IUR due to a Miscellaneous cause (SRNC side).	Sum, nkrttbh, tot
rl_reconf_prep_synch_over_iur_dch_mod_fail_on_srnc_due_prot_cause	nok_nknrn_rsdcrdlksfiu_tab.t0fovb2ahl26seccb00hw01qk4	INT8	#	[rl_reconf_prep_synch_over_iur_for_dch_mod_fail_on_srnc_due_to_prot_cause] - A number of failed DCH modifications for	Sum, nkrttbh, tot

				synchronised radio link reconfiguration preparations over IUR due to a Protocol cause (SRNC side).	
rl_reconf_prep_synch_over_iur_dch_mod_fail_on_srnc_due_rn_layer_cause	nok_nknrn_rsdcrdlksfiu_tab.t0dm34lahl26seccb00hw01qk4	INT8	#	[rl_reconf_prep_synch_over_iur_for_dch_mod_fail_on_srnc_due_to_rn_layer_cause] - A number of failed DCH modifications for synchronised radio link reconfiguration preparations over IUR due to a Radio Network Layer cause (SRNC side).	Sum, nkrttbh, tot
rl_reconf_prep_synch_over_iur_dch_mod_fail_on_srnc_due_tr_cause	nok_nknrn_rsdcrdlksfiu_tab.t0en3q6ahl26seccb00hw01qk4	INT8	#	rl_reconf_prep_synch_over_iur_for_dch_mod_fail_on_srnc_due_to_tr_cause:A number of failed DCH modifications for synchronised radio link reconfiguration preparations over IUR due to a Transport Layer cause (SRNC side).	Sum, nkrttbh, tot
rl_reconf_prep_synch_over_iur_fail_on_drnc	nok_nknrn_rsdcrdlksfiu_tab.t10jj3xahl26seccb00hw01qk4	INT8	#	A number of failed synchronised radio link reconfiguration preparations over IUR (DRNC side).	Sum, nkrttbh, tot
rl_reconf_prep_synch_over_iur_fail_on_srnc	nok_nknrn_rsdcrdlksfiu_tab.t0m5g2dahl26seccb00hw01qk4	INT8	#	A number of successful synchronised radio link reconfiguration preparations over IUR (SRNC side).	Sum, nkrttbh, tot

6.31.22Neighbour_RNC.Nokia.UMTS.rnsap.dch_radio_link_reconfig_sync_iur

RNSAP - DCH synchronised radio link addition/deletion/modification reconfigurations over Iur statistics

KPI Name	Expression	Data Type	Units	Description	Aggregation
rl_reconf_prep_synch_over_iur_for_dch_add_on_drnc_ready	nok_nknrn_rsdcrdlksiu_tab.t1h6uqpahl26seccb00hw01qk4	INT8	#	A number of successful DCH additions for synchronised radio link reconfiguration preparations over IUR (DRNC side).	Sum, nkrttbh, tot
rl_reconf_prep_synch_over_iur_for_dch_add_on_drnc	nok_nknrn_rsdcrdlksiu_tab.t15sw4hahl26seccb00hw01qk4	INT8	#	A number of started DCH additions for synchronised radio link reconfiguration preparations over IUR (DRNC side).	Sum, nkrttbh, tot
rl_reconf_prep_synch_over_iur_for_dch_add_on_srnc_ready	nok_nknrn_rsdcrdlksiu_tab.t1csew2ahl26seccb00hw01qk4	INT8	#	A number of successful DCH additions for synchronised radio link reconfiguration preparations over IUR (SRNC side).	Sum, nkrttbh, tot
rl_reconf_prep_synch_over_iur_for_dch_add_on_srnc	nok_nknrn_rsdcrdlksiu_tab.t11luxdahl26seccb00hw01qk4	INT8	#	A number of started DCH additions for synchronised radio link reconfiguration preparations over IUR (SRNC side).	Sum, nkrttbh, tot
rl_reconf_prep_synch_over_iur_for_dch_del_on_drnc_ready	nok_nknrn_rsdcrdlksiu_tab.t1j4ygdahl26seccb00hw01qk4	INT8	#	A number of successful DCH deletions for synchronised radio	Sum, nkrttbh, tot

				link reconfiguration preparations over IUR (DRNC side).	
rl_reconf_prep_synch_over_iur_for_dch_del_on_drnc	nok_nknrn_rsdcrdlksiu_tab.t1aqmkpahl26seccb00hw01qk4	INT8	#	A number of started DCH deletions for synchronised radio link reconfiguration preparations over IUR (DRNC side).	Sum, nkrttbh, tot
rl_reconf_prep_synch_over_iur_for_dch_del_on_srnc_ready	nok_nknrn_rsdcrdlksiu_tab.t1f2vqpahl26seccb00hw01qk4	INT8	#	A number of successful DCH deletions for synchronised radio link reconfiguration preparations over IUR (SRNC side).	Sum, nkrttbh, tot
rl_reconf_prep_synch_over_iur_for_dch_del_on_srnc	nok_nknrn_rsdcrdlksiu_tab.t13p10dahl26seccb00hw01qk4	INT8	#	A number of started DCH deletions for synchronised radio link reconfiguration preparations over IUR (SRNC side).	Sum, nkrttbh, tot
rl_reconf_prep_synch_over_iur_for_dch_mod_on_drnc_ready	nok_nknrn_rsdcrdlksiu_tab.t1i5k5xahl26seccb00hw01qk4	INT8	#	A number of successful DCH modifications for synchronised radio link reconfiguration preparations over IUR.	Sum, nkrttbh, tot
rl_reconf_prep_synch_over_iur_for_dch_mod_on_drnc	nok_nknrn_rsdcrdlksiu_tab.t16sgh2ahl26seccb00hw01qk4	INT8	#	A number of started DCH modifications for synchronised radio link reconfiguration preparations over IUR (DRNC side).	Sum, nkrttbh, tot
rl_reconf_prep_synch_over_iur_for_dch_mod_on_srnc_ready	nok_nknrn_rsdcrdlksiu_tab.t1ds1vlahl26seccb00hw01qk4	INT8	#	A number of successful DCH modifications for synchronised radio link reconfiguration preparations over	Sum, nkrttbh, tot

				IUR (SRNC side).	
rl_reconf_prep_synch_over_iur_for_dch_mod_on_srnc	nok_nknrn_rsdcrdlksiu_tab.t12n30hahl26seccb00hw01qk4	INT8	#	A number of started DCH modifications for synchronised radio link reconfiguration preparations over IUR (SRNC side).	Sum, nkrttbh, tot
rl_reconf_prep_synch_over_iur_on_drnc_ready	nok_nknrn_rsdcrdlksiu_tab.t1ka1gdahl26seccb00hw01qk4	INT8	#	A number of successful synchronised radio link reconfiguration preparations over IUR (DRNC side).	Sum, nkrttbh, tot
rl_reconf_prep_synch_over_iur_on_drnc	nok_nknrn_rsdcrdlksiu_tab.t1bq4idahl26seccb00hw01qk4	INT8	#	A number of started synchronised radio link reconfiguration preparations over IUR (DRNC side).	Sum, nkrttbh, tot
rl_reconf_prep_synch_over_iur_on_srnc_ready	nok_nknrn_rsdcrdlksiu_tab.t1g5s5xahl26seccb00hw01qk4	INT8	#	A number of successful synchronised radio link reconfiguration preparations over IUR (SRNC side).	Sum, nkrttbh, tot
rl_reconf_prep_synch_over_iur_on_srnc	nok_nknrn_rsdcrdlksiu_tab.t14rfo2ahl26seccb00hw01qk4	INT8	#	A number of started synchronised radio link reconfiguration preparations over IUR (SRNC side).	Sum, nkrttbh, tot

6.31.23Neighbour_RNC.Nokia.UMTS.rnsap.dch_radio_link_reconfig_sync_misc_iur

RNSAP - DCH synchronised radio link reconfigurations committed/cancelled over Iur statistics

KPI Name	Expression	Data Type	Units	Description	Aggregation

rl_reconf_canc_synch_on_drnc_over_iur	nok_nknrn_rsdcrdlksmiu_tab.t1odpxhahl26seccb00hw01qk4	INT8	#	A number of cancelled synchronised radio link reconfiguration preparations over IUR (DRNC side).	Sum, nkrttbh, tot
rl_reconf_canc_synch_on_srnc_over_iur	nok_nknrn_rsdcrdlksmiu_tab.t1nbwy6ahl26seccb00hw01qk4	INT8	#	A number of cancelled synchronised radio link reconfiguration preparations over IUR (SRNC side).	Sum, nkrttbh, tot
rl_reconf_comm_synch_on_drnc_over_iur	nok_nknrn_rsdcrdlksmiu_tab.t1mbfb6ahl26seccb00hw01qk4	INT8	#	A number of committed synchronised radio link reconfiguration preparations over IUR (DRNC side).	Sum, nkrttbh, tot
rl_reconf_comm_synch_on_srnc_over_iur	nok_nknrn_rsdcrdlksmiu_tab.t1l6vsdahl26seccb00hw01qk4	INT8	#	A number of committed synchronised radio link reconfiguration preparations over IUR (SRNC side).	Sum, nkrttbh, tot

6.31.24Neighbour_RNC.Nokia.UMTS.rnsap.dch_radio_link_reconfig_unsync_fail_iur

RNSAP - DCH unsynchronised radio link reconfiguration failures over Iur statistics

KPI Name	Expression	Data Type	Units	Description	Aggregation
rl_reconf_req_unsynch_over_iur_fail_on_drnc_due_to_misc_cause	nok_nknr_rnpdrlrcufiur_tab.t1sqiepahl26seccb00hw01qk4	INT8	#	The number of failed unsynchronised radio link reconfiguration requests over Iur on DRNC due to a miscellaneous cause.	Sum, nkrttbh, tot
rl_reconf_req_unsynch_over_iur_fail_	nok_nknr_rnpdrlrcufiur_tab.t1rhjv2ahl26seccb00hw0	INT8	#	The number of failed	Sum, nkrttbh,

on_drnc_due_to_prot_cause	1qk4			unsynchronised radio link reconfiguration requests over Iur on DRNC due to a protocol cause.	tot
rl_reconf_req_unsynch_over_iur_fail_on_drnc_due_to_rn_layer_cause	nok_nknr_rnpdrlrcufiur_tab.t1pcu56ahl26seccb00hw01qk4	INT8	#	The number of failed unsynchronised radio link reconfiguration requests over Iur on DRNC due to a radio network layer cause.	Sum, nkrttbh, tot
rl_reconf_req_unsynch_over_iur_fail_on_drnc_due_to_tr_cause	nok_nknr_rnpdrlrcufiur_tab.t1qevhpahl26seccb00hw01qk4	INT8	#	The number of failed unsynchronised radio link reconfiguration requests over Iur on DRNC due to a transport layer cause.	Sum, nkrttbh, tot

6.31.25Neighbour_RNC.Nokia.UMTS.rnsap.dch_radio_link_reconfig_unsync_iur

RNSAP - DCH synchronised radio link reconfiguration received/responded over Iur statistics

KPI Name	Expression	Data Type	Units	Description	Aggregation
rl_reconf_req_unsynch_over_iur_on_drnc	nok_nknr_rnpdrlrcuiur_tab.t1tsmp2ahl26seccb00hw01qk4	INT8	#	The number of received unsynchronised radio link reconfiguration requests over Iur.	Sum, nkrttbh, tot
rl_reconf_resp_uns	nok_nknr_rnpdrlrcuiur_tab.	INT8	#	The number of	Sum,

ynch_over_iur_on_drnc	t1utnwdahl26seccb00hw01qk4			responses to unsynchronised radio link reconfiguration requests over Iur on DRNC.	nkrttbh, tot

6.31.26Neighbour_RNC.Nokia.UMTS.rnsap.dch_radio_link_setup_iur

RNSAP - DCH radio link setup statistics

KPI Name	Expression	Data Type	Units	Description	Aggregation
rl_setup_fail_for_inter_rnc_sho_on_drnc_due_to_misc_cause	nok_nknrn_rsdcrdlkstiur_tab.t2billdahl26seccb00hw01qk4	INT8	#	A number of radio link setup failures on inter RNC soft HO on DRNC side (incoming RL setup) due to a Miscellaneous cause.	Sum, nkrttbh, tot
rl_setup_fail_for_inter_rnc_sho_on_drnc_due_to_prot_cause	nok_nknrn_rsdcrdlkstiur_tab.t2ageclahl26seccb00hw01qk4	INT8	#	A number of radio link setup failures on inter RNC soft HO on DRNC side (incoming RL setup) due to a Protocol cause.	Sum, nkrttbh, tot
rl_setup_fail_for_inter_rnc_sho_on_drnc_due_to_rn_layer_cause	nok_nknrn_rsdcrdlkstiur_tab.t25bbixahl26seccb00hw01qk4	INT8	#	A number of radio link setup failures on inter RNC soft HO on DRNC side (incoming RL setup) due to a Radio Network Layer cause.	Sum, nkrttbh, tot
rl_setup_fail_for_inter_rnc_sho_on_drnc_due_to_tr_layer_cause	nok_nknrn_rsdcrdlkstiur_tab.t26doqxahl26seccb00hw01qk4	INT8	#	A number of radio link setup failures on inter RNC soft HO on DRNC side (incoming RL setup) due to a Transport Layer	Sum, nkrttbh, tot

				cause.	
rl_setup_fail_for_inter_rnc_sho_on_srnc_due_to_misc_cause	nok_nknrn_rsdcrdlkstiur_tab.t245mwlahl26seccb00hw01qk4	INT8	#	A number of radio link setup failures on inter RNC soft HO on SRNC side (outgoing RL setup) due to a Miscellaneous cause.	Sum, nkrttbh, tot
rl_setup_fail_for_inter_rnc_sho_on_srnc_due_to_prot_cause	nok_nknrn_rsdcrdlkstiur_tab.t235aolahl26seccb00hw01qk4	INT8	#	A number of radio link setup failures on inter RNC soft HO on SRNC side (outgoing RL setup) due to a Protocol cause.	Sum, nkrttbh, tot
rl_setup_fail_for_inter_rnc_sho_on_srnc_due_to_rn_layer_cause	nok_nknrn_rsdcrdlkstiur_tab.t2111khahl26seccb00hw01qk4	INT8	#	A number of radio link setup failures on inter RNC soft HO on SRNC side (outgoing RL setup) due to a Radio Network Layer cause.	Sum, nkrttbh, tot
rl_setup_fail_for_inter_rnc_sho_on_srnc_due_to_tr_layer_cause	nok_nknrn_rsdcrdlkstiur_tab.t222j1pahl26seccb00hw01qk4	INT8	#	A number of radio link setup failures on inter RNC soft HO on SRNC side (outgoing RL setup) due to a Transport Layer cause.	Sum, nkrttbh, tot
rl_setup_req_for_inter_rnc_sho_on_drnc	nok_nknrn_rsdcrdlkstiur_tab.t1wwtetahl26seccb00hw01qk4	INT8	#	A number of radio link setup requests for inter RNC soft HO on DRNC side (incoming RL setup).	Sum, nkrttbh, tot

This edition applies to IBM® Tivoli® Netcool® Performance Manager for Wireless and to all subsequent releases and modifications until otherwise indicated in new editions.

rl_setup_req_for_inter_rnc_sho_on_srnc	nok_nknrn_rsdcrdlkstiur_tab.t1vwoopahl26seccb00hw01qk4	INT8	#	A number of radio link setup requests for inter RNC soft HO on SRNC side (outgoing RL setup).	Sum, nkrttbh, tot
rl_setup_succ_for_inter_rnc_sho_on_drnc	nok_nknrn_rsdcrdlkstiur_tab.t1ywnddahl26seccb00hw01qk4	INT8	#	A number of radio link setup successes on inter RNC soft HO on DRNC side (incoming RL setup).	Sum, nkrttbh, tot
rl_setup_succ_for_inter_rnc_sho_on_srnc	nok_nknrn_rsdcrdlkstiur_tab.t1xwtwhahl26seccb00hw01qk4	INT8	#	A number of radio link setup successes on inter RNC soft HO on SRNC side (outgoing RL setup).	Sum, nkrttbh, tot

6.31.27Neighbour_RNC.Nokia.UMTS.rnsap.global_iur

RNSAP - DCH radio link addition statistics

KPI Name	Expression	Data Type	Units	Description	Aggregation
common_meas_init_failures_over_iur_on_drnc_due_rn_layer	nok_rnsap_global_iur_tab.t2fs5w6ahl26seccb00hw01qk4	INT8	#	The number of common measurement initiation failures due to radio network layer cause over Iur on DRNC.	Sum, nkrttbh, tot
common_meas_init_request_iur_on_drnc	nok_rnsap_global_iur_tab.t2ep142ahl26seccb00hw01qk4	INT8	#	The number of common measurement initiation requests over Iur on DRNC.	Sum, nkrttbh, tot
nbr_of_rec_error_ind_on_iur	nok_rnsap_global_iur_tab.t2dmho6ahl26seccb00hw01qk4	INT8	#	Number of received Error Indication messages on the IUR.	Sum, nkrttbh, tot
nbr_of_sent_error_i	nok_rnsap_global_iur_tab.t	INT8	#	Number of sent	Sum,

nd_on_iur	2cjmrxahl26seccb00hw01qk4			Error Indication messages on the IUR.	nkrttbh, tot

6.31.28Neighbour_RNC.Nokia.UMTS.rnsap.iu_release_request.source

RNSAP - DCH radio link IU release request at Source RNC statistics

KPI Name	Expression	Data Type	Units	Description	Aggregation
srns_reloc_iu_rel_out_contr_by_2cn_due_to_misc_cause	nok_nknrn_iursrlrqsrc_tab.t2y1afdahl26seccb00hw01qk4	INT8	#	A number of IU release requests during outgoing 2CN controlled SRNS relocations due to a Miscellaneous cause.	Sum, nkrttbh, tot
srns_reloc_iu_rel_out_contr_by_2cn_due_to_nas_cause	nok_nknrn_iursrlrqsrc_tab.t2vudoxahl26seccb00hw01qk4	INT8	#	A number of IU release requests during outgoing 2CN controlled SRNS relocations due to a Non Access Stratum cause.	Sum, nkrttbh, tot
srns_reloc_iu_rel_out_contr_by_2cn_due_to_non_stan_cause	nok_nknrn_iursrlrqsrc_tab.t303ylxahl26seccb00hw01qk4	INT8	#	A number of IU release requests during outgoing 2CN controlled SRNS relocations due to a Non Standard cause.	Sum, nkrttbh, tot
srns_reloc_iu_rel_out_contr_by_2cn_due_to_prot_cause	nok_nknrn_iursrlrqsrc_tab.t2wwsw2ahl26seccb00hw01qk4	INT8	#	A number of IU release requests during outgoing 2CN controlled SRNS relocations due to a Protocol	Sum, nkrttbh, tot

				cause.	
srns_reloc_iu_rel_out_contr_by_2cn_due_to_rn_layer_cause	nok_nknrn_iursrlrqsrc_tab.t2tqcrpahl26seccb00hw01qk4	INT8	#	A number of IU release requests during outgoing 2CN controlled SRNS relocations due to a Radio Network Layer cause.	Sum, nkrttbh, tot
srns_reloc_iu_rel_out_contr_by_2cn_due_to_tr_cause	nok_nknrn_iursrlrqsrc_tab.t2uqnndahl26seccb00hw01qk4	INT8	#	A number of IU release requests during outgoing 2CN controlled SRNS relocations due to a Transport Layer cause.	Sum, nkrttbh, tot
srns_reloc_iu_rel_out_contr_by_msc_due_to_misc_cause	nok_nknrn_iursrlrqsrc_tab.t2l5um2ahl26seccb00hw01qk4	INT8	#	A number of IU release requests during outgoing MSC controlled SRNS relocations due to a Miscellaneous cause.	Sum, nkrttbh, tot
srns_reloc_iu_rel_out_contr_by_msc_due_to_nas_cause	nok_nknrn_iursrlrqsrc_tab.t2iwyrpahl26seccb00hw01qk4	INT8	#	A number of IU release requests during outgoing MSC controlled SRNS relocations due to a Non Access Stratum cause.	Sum, nkrttbh, tot
srns_reloc_iu_rel_out_contr_by_msc_due_to_non_stan_cause	nok_nknrn_iursrlrqsrc_tab.t2mbqgxahl26seccb00hw01qk4	INT8	#	A number of IU release requests during outgoing MSC controlled SRNS relocations due to a Non Standard cause.	Sum, nkrttbh, tot
srns_reloc_iu_rel_out_contr_by_msc_due_to_prot_cause	nok_nknrn_iursrlrqsrc_tab.t2k4i1dahl26seccb00hw01qk4	INT8	#	A number of IU release requests during outgoing MSC controlled	Sum, nkrttbh, tot

				SRNS relocations due to a Protocol cause.	
srns_reloc_iu_rel_out_contr_by_msc_due_to_rn_layer_cause	nok_nknrn_iursrlrqsrc_tab.t2guma2ahl26seccb00hw01qk4	INT8	#	A number of IU release requests during outgoing MSC controlled SRNS relocations due to a Radio Network Layer cause.	Sum, nkrttbh, tot
srns_reloc_iu_rel_out_contr_by_msc_due_to_tr_cause	nok_nknrn_iursrlrqsrc_tab.t2hu0dtahl26seccb00hw01qk4	INT8	#	A number of IU release requests during outgoing MSC controlled SRNS relocations due to a Transport Layer cause.	Sum, nkrttbh, tot
srns_reloc_iu_rel_out_contr_by_sgsn_due_to_misc_cause	nok_nknrn_iursrlrqsrc_tab.t2rmw1pahl26seccb00hw01qk4	INT8	#	A number of IU release requests during outgoing SGSN controlled SRNS relocations due to a Miscellaneous cause.	Sum, nkrttbh, tot
srns_reloc_iu_rel_out_contr_by_sgsn_due_to_nas_cause	nok_nknrn_iursrlrqsrc_tab.t2phxgtahl26seccb00hw01qk4	INT8	#	A number of IU release requests during outgoing SGSN controlled SRNS relocations due to a Non Access Stratum cause.	Sum, nkrttbh, tot
srns_reloc_iu_rel_out_contr_by_sgsn_due_to_non_stan_cause	nok_nknrn_iursrlrqsrc_tab.t2sps2tahl26seccb00hw01qk4	INT8	#	A number of IU release requests during outgoing SGSN controlled SRNS relocations	Sum, nkrttbh, tot

This edition applies to IBM® Tivoli® Netcool® Performance Manager for Wireless and to all subsequent releases and modifications until otherwise indicated in new editions.

				due to a Non Standard cause.	
srns_reloc_iu_rel_out_contr_by_sgsn_due_to_prot_cause	nok_nknrn_iursrlrqsrc_tab.t2qj0hpahl26seccb00hw01qk4	INT8	#	A number of IU release requests during outgoing SGSN controlled SRNS relocations due to a Protocol cause.	Sum, nkrttbh, tot
srns_reloc_iu_rel_out_contr_by_sgsn_due_to_rn_layer_cause	nok_nknrn_iursrlrqsrc_tab.t2neb1hahl26seccb00hw01qk4	INT8	#	A number of IU release requests during outgoing SGSN controlled SRNS relocations due to a Radio Network Layer cause.	Sum, nkrttbh, tot
srns_reloc_iu_rel_out_contr_by_sgsn_due_to_tr_cause	nok_nknrn_iursrlrqsrc_tab.t2oetmxahl26seccb00hw01qk4	INT8	#	A number of IU release requests during outgoing SGSN controlled SRNS relocations due to a Transport Layer cause.	Sum, nkrttbh, tot
sta_forw_data_in_source_rnc_on_iur	nok_nknrn_iursrlrqsrc_tab.t316y4lahl26seccb00hw01qk4	INT8	#	Number of started forwarding data cases in Source RNC on IUR. This counter includes both SRNC relocation and Inter RNC HHO cases.	Sum, nkrttbh, tot

6.31.29Neighbour_RNC.Nokia.UMTS.rnsap.iu_release_request.target

RNSAP - DCH radio link IU release request at Target RNC statistics

KPI Name	Expression	Data Type	Units	Description	Aggregation
srns_reloc_iu_rel_in_contr_by_2cn_due_to_misc_cause	nok_nknrn_iursrlrqtgt_tab.t3mebghahl26seccb00hw01qk4	INT8	#	A number of IU release requests during incoming	Sum, nkrttbh, tot

				2CN controlled SRNS relocations due to a Miscellaneous cause.	
srns_reloc_iu_rel_in_contr_by_2cn_due_to_nas_cause	nok_nknrn_iursrlrqtgt_tab.t3k6ytlahl26seccb00hw01qk4	INT8	#	A number of IU release requests during incoming 2CN controlled SRNS relocations due to a Non Access Stratum cause.	Sum, nkrttbh, tot
srns_reloc_iu_rel_in_contr_by_2cn_due_to_non_stan_cause	nok_nknrn_iursrlrqtgt_tab.t3nf12xahl26seccb00hw01qk4	INT8	#	A number of IU release requests during incoming 2CN controlled SRNS relocations due to a Non Standard cause.	Sum, nkrttbh, tot
srns_reloc_iu_rel_in_contr_by_2cn_due_to_prot_cause	nok_nknrn_iursrlrqtgt_tab.t3lbsl6ahl26seccb00hw01qk4	INT8	#	A number of IU release requests during incoming 2CN controlled SRNS relocations due to a Protocol cause.	Sum, nkrttbh, tot
srns_reloc_iu_rel_in_contr_by_2cn_due_to_rn_layer_cause	nok_nknrn_iursrlrqtgt_tab.t3i2x16ahl26seccb00hw01qk4	INT8	#	A number of IU release requests during incoming 2CN controlled SRNS relocations due to a Radio Network Layer cause.	Sum, nkrttbh, tot
srns_reloc_iu_rel_in_contr_by_2cn_due_to_tr_cause	nok_nknrn_iursrlrqtgt_tab.t3j5hipahl26seccb00hw01qk4	INT8	#	A number of IU release requests during incoming 2CN controlled	Sum, nkrttbh, tot

				SRNS relocations due to a Transport Layer cause.	
srns_reloc_iu_rel_in_contr_by_msc_due_to_misc_cause	nok_nknrn_iursrlrqtgt_tab.t36k1otahl26seccb00hw01qk4	INT8	#	A number of IU release requests during incoming MSC controlled SRNS relocations due to a Miscellaneous cause.	Sum, nkrttbh, tot
srns_reloc_iu_rel_in_contr_by_msc_due_to_nas_cause	nok_nknrn_iursrlrqtgt_tab.t34em3xahl26seccb00hw01qk4	INT8	#	A number of IU release requests during incoming MSC controlled SRNS relocations due to a Non Access Stratum cause.	Sum, nkrttbh, tot
srns_reloc_iu_rel_in_contr_by_msc_due_to_non_stan_cause	nok_nknrn_iursrlrqtgt_tab.t3akoplahl26seccb00hw01qk4	INT8	#	A number of IU release requests during incoming MSC controlled SRNS relocations due to a Non Standard cause.	Sum, nkrttbh, tot
srns_reloc_iu_rel_in_contr_by_msc_due_to_prot_cause	nok_nknrn_iursrlrqtgt_tab.t35gudpahl26seccb00hw01qk4	INT8	#	A number of IU release requests during incoming MSC controlled SRNS relocations due to a Protocol cause.	Sum, nkrttbh, tot
srns_reloc_iu_rel_in_contr_by_msc_due_to_rn_layer_cause	nok_nknrn_iursrlrqtgt_tab.t32a136ahl26seccb00hw01qk4	INT8	#	A number of IU release requests during incoming MSC controlled SRNS relocations due to a Radio Network Layer cause.	Sum, nkrttbh, tot
srns_reloc_iu_rel_in_contr_by_msc_d	nok_nknrn_iursrlrqtgt_tab.t33bmgxahl26seccb00hw01	INT8	#	A number of IU release requests	Sum, nkrttbh,

ue_to_tr_cause	qk4			during incoming MSC controlled SRNS relocations due to a Transport Layer cause.	tot
srns_reloc_iu_rel_in_contr_by_sgsn_due_to_misc_cause	nok_nknrn_iursrlrqtgt_tab.t3fyjc2ahl26seccb00hw01qk4	INT8	#	A number of IU release requests during incoming SGSN controlled SRNS relocations due to a Miscellaneous cause.	Sum, nkrttbh, tot
srns_reloc_iu_rel_in_contr_by_sgsn_due_to_nas_cause	nok_nknrn_iursrlrqtgt_tab.t3dpg6hahl26seccb00hw01qk4	INT8	#	A number of IU release requests during incoming SGSN controlled SRNS relocations due to a Non Access Stratum cause.	Sum, nkrttbh, tot
srns_reloc_iu_rel_in_contr_by_sgsn_due_to_non_stan_cause	nok_nknrn_iursrlrqtgt_tab.t3h2bgtahl26seccb00hw01qk4	INT8	#	A number of IU release requests during incoming SGSN controlled SRNS relocations due to a Non Standard cause.	Sum, nkrttbh, tot
srns_reloc_iu_rel_in_contr_by_sgsn_due_to_prot_cause	nok_nknrn_iursrlrqtgt_tab.t3erip2ahl26seccb00hw01qk4	INT8	#	A number of IU release requests during incoming SGSN controlled SRNS relocations due to a Protocol cause.	Sum, nkrttbh, tot
srns_reloc_iu_rel_in_contr_by_sgsn_due_to_rn_layer_cause	nok_nknrn_iursrlrqtgt_tab.t3bmempahl26seccb00hw01qk4	INT8	#	A number of IU release requests during incoming SGSN controlled	Sum, nkrttbh, tot

This edition applies to IBM® Tivoli® Netcool® Performance Manager for Wireless and to all subsequent releases and modifications until otherwise indicated in new editions.

				SRNS relocations due to a Radio Network Layer cause.	
srns_reloc_iu_rel_in_contr_by_sgsn_due_to_tr_cause	nok_nknrn_iursrlrqtgt_tab.t3cpm0lahl26seccb00hw01qk4	INT8	#	A number of IU release requests during incoming SGSN controlled SRNS relocations due to a Transport Layer cause.	Sum, nkrttbh, tot

6.31.30Neighbour_RNC.Nokia.UMTS.rnsap.iur_avail

IuR availabilty measurements

KPI Name	Expression	Data Type	Units	Description	Aggregation
iur_availability_denom	nok_rnsap_iur_avail_tab.x4iqmsdafq2ahdvuj02uauibev	INTEGER	#	The number of samples for Iur availability measuring, used as a denominator for Iur availability percentage calculation.	Sum, nkrttbh, tot
iur_availability	nok_rnsap_iur_avail_tab.x4iqmsbafq2ahdvuj02uauibev	INTEGER	#	The number of samples when Iur interface is in working state. The Iu interface availability percentage can be calculated as a ratio of this counter and M1004C144.	Sum, nkrttbh, tot
iur_not_working_duration	nok_rnsap_iur_avail_tab.x4iqmsfafq2ahdvuj02uauibev	INTEGER	Sec	The duration that Iur interface is in non-working state.	Sum, nkrttbh, tot
iur_to_wo_state_changes	nok_rnsap_iur_avail_tab.x4iqmshafq2ahdvuj02uauibev	INTEGER	#	The number of Iur interface state changes from non-	Sum, nkrttbh, tot

				working to working state.	
pc_iur_availability	100 * {iur_availability}/ {iur_availability_denom}	FLOAT	%	Percentage of time the Iur interface is available/in working state.	Average, avg, nkrttbh

6.31.31Neighbour_RNC.Nokia.UMTS.rnsap.iur_com_meas

IuR measurements

KPI Name	Expression	Data Type	Units	Description	Aggregation
common_meas_failure_indication_over_iur_on_drnc_due_misc	nok_rnsap_iur_com_meas_tab.x4iqms6afq2ahdvuj02uauibev	INTEGER	#	The number of Common Measurement Failure Indications due to Miscellaneous cause over Iur on DRNC.	Sum, nkrttbh, tot
common_meas_failure_indication_over_iur_on_drnc_due_prot	nok_rnsap_iur_com_meas_tab.x4iqms4afq2ahdvuj02uauibev	INTEGER	#	The number of Common Measurement Failure Indications due to Protocol cause over Iur on DRNC.	Sum, nkrttbh, tot
common_meas_failure_indication_over_iur_on_drnc_due_rn_layer	nok_rnsap_iur_com_meas_tab.x4iqms0afq2ahdvuj02uauibev	INTEGER	#	The number of Common Measurement Failure Indication due to Radio Network Layer cause over Iur on DRNC.	Sum, nkrttbh, tot
common_meas_fail	nok_rnsap_iur_com_meas_	INTEG	#	The number of	Sum,

ure_indication_over_iur_on_drnc_due_tr_layer	tab.x4iqms2afq2ahdvuj02uauibev	ER		Common Measurement Failure Indications due to Transmission Layer cause over Iur on DRNC.	nkrttbh, tot
common_meas_failure_indication_over_iur_on_srnc_due_misc	nok_rnsap_iur_com_meas_tab.x4iqmrxafq2ahdvuj02uauibev	INTEGER	#	The number of Common Measurement Failure Indications due to Miscellaneous cause over Iur on SRNC.	Sum, nkrttbh, tot
common_meas_failure_indication_over_iur_on_srnc_due_prot	nok_rnsap_iur_com_meas_tab.x4iqmrvafq2ahdvuj02uauibev	INTEGER	#	The number of Common Measurement Failure Indications due to Protocol cause over Iur on SRNC.	Sum, nkrttbh, tot
common_meas_failure_indication_over_iur_on_srnc_due_rn_layer	nok_rnsap_iur_com_meas_tab.x4iqmrrafq2ahdvuj02uauibev	INTEGER	#	The number of Common Measurement Failure Indications due to Radio Network Layer cause over Iur on SRNC.	Sum, nkrttbh, tot
common_meas_failure_indication_over_iur_on_srnc_due_tr_layer	nok_rnsap_iur_com_meas_tab.x4iqmrtafq2ahdvuj02uauibev	INTEGER	#	The number of Common Measurement Failure Indications due to Transmission Layer cause over Iur on SRNC.	Sum, nkrttbh, tot
common_meas_init_failures_over_iur_on_drnc_due_misc	nok_rnsap_iur_com_meas_tab.x4iqmrhafq2ahdvuj02uauibev	INTEGER	#	The number of Common Measurement Initiation failures due to Miscellaneous cause over Iur on	Sum, nkrttbh, tot

				DRNC.	
common_meas_init_failures_over_iur_on_drnc_due_prot	nok_rnsap_iur_com_meas_tab.x4iqmrfafq2ahdvuj02uauibev	INTEGER	#	The number of Common Measurement Initiation failures due to Protocol cause over Iur on DRNC.	Sum, nkrttbh, tot
common_meas_init_failures_over_iur_on_drnc_due_tr_layer	nok_rnsap_iur_com_meas_tab.x4iqmrdafq2ahdvuj02uauibev	INTEGER	#	The number of Common Measurement Initiation failures due to Transmission Layer cause over Iur on DRNC.	Sum, nkrttbh, tot
common_meas_init_failures_over_iur_on_srnc_due_misc	nok_rnsap_iur_com_meas_tab.x4iqmrbafq2ahdvuj02uauibev	INTEGER	#	The number of Common Measurement Initiation failures due to Miscellaneous cause over Iur on SRNC.	Sum, nkrttbh, tot
common_meas_init_failures_over_iur_on_srnc_due_prot	nok_rnsap_iur_com_meas_tab.x4iqmr6afq2ahdvuj02uauibev	INTEGER	#	The number of Common Measurement Initiation failures due to Protocol cause over Iur on SRNC.	Sum, nkrttbh, tot
common_meas_init_failures_over_iur_on_srnc_due_rn_layer	nok_rnsap_iur_com_meas_tab.x4iqmr2afq2ahdvuj02uauibev	INTEGER	#	The number of Common Measurement Initiation Failures due to Radio Network Layer cause over Iur on SRNC.	Sum, nkrttbh, tot

common_meas_init_failures_over_iur_on_srnc_due_tr_layer	nok_rnsap_iur_com_meas_tab.x4iqmr4afq2ahdvuj02uauibev	INTEGER	#	The number of Common Measurement Initiation failures due to Transmission Layer cause over Iur on SRNC.	Sum, nkrttbh, tot
common_meas_init_request_iur_on_srnc	nok_rnsap_iur_com_meas_tab.x4iqmqvafq2ahdvuj02uauibev	INTEGER	#	The number of Common Measurement Initiation requests over Iur on SRNC.	Sum, nkrttbh, tot
common_meas_init_response_iur_on_drnc	nok_rnsap_iur_com_meas_tab.x4iqmr0afq2ahdvuj02uauibev	INTEGER	#	The number of Common Measurement Initiation responses over Iur on DRNC.	Sum, nkrttbh, tot
common_meas_init_response_iur_on_srnc	nok_rnsap_iur_com_meas_tab.x4iqmqxafq2ahdvuj02uauibev	INTEGER	#	The number of Common Measurement Initiation responses over Iur on SRNC.	Sum, nkrttbh, tot
common_meas_reports_over_iur_on_drnc	nok_rnsap_iur_com_meas_tab.x4iqmrlafq2ahdvuj02uauibev	INTEGER	#	The number of Common Measurement reports over Iur on DRNC.	Sum, nkrttbh, tot
common_meas_reports_over_iur_on_srnc	nok_rnsap_iur_com_meas_tab.x4iqmrjafq2ahdvuj02uauibev	INTEGER	#	The number of Common Measurement reports over Iur on SRNC.	Sum, nkrttbh, tot
common_meas_terminatio_ns_over_iur_on_drnc	nok_rnsap_iur_com_meas_tab.x4iqmrpafq2ahdvuj02uauibev	INTEGER	#	The number of Common Measurement Terminations over Iur on DRNC.	Sum, nkrttbh, tot
common_meas_terminatio_ns_over_iur_on_srnc	nok_rnsap_iur_com_meas_tab.x4iqmrnafq2ahdvuj02uauibev	INTEGER	#	The number of Common Measurement Terminations over	Sum, nkrttbh, tot

				Iur on SRNC.	

6.31.32Neighbour_RNC.Nokia.UMTS.rnsap.iur_dl_powcon

IuR power control measurements

KPI Name	Expression	Data Type	Units	Description	Aggregation
all_iur_dl_power_control_messages_in_drnc	nok_rnsap_iur_dl_powcon_tab.x4iqmqrafq2ahdvuj02uauibev	INTEGER	#	Number of all Iur Downlink Power Control Messages in DRNC.	Sum, nkrttbh, tot
all_iur_dl_power_control_messages_in_srnc	nok_rnsap_iur_dl_powcon_tab.x4iqmqnafq2ahdvuj02uauibev	INTEGER	#	Number of all Iur Downlink Power Control Messages in SRNC.	Sum, nkrttbh, tot
iur_dl_power_control_messages_for_power_update_in_drnc	nok_rnsap_iur_dl_powcon_tab.x4iqmqtafq2ahdvuj02uauibev	INTEGER	#	Number of Iur Downlink Power Control Messages for power update in DRNC.	Sum, nkrttbh, tot
iur_dl_power_control_messages_for_power_update_in_srnc	nok_rnsap_iur_dl_powcon_tab.x4iqmqpafq2ahdvuj02uauibev	INTEGER	#	Number of Iur Downlink Power Control Messages for power update in SRNC.	Sum, nkrttbh, tot

6.31.33Neighbour_RNC.Nokia.UMTS.rnsap.relocation.allocation

RNSAP - Relocation resource allocation statistics

KPI Name	Expression	Data Type	Units	Description	Aggregation
srns_reloc_in_prep_req_contr_by_2cn	nok_nknrn_rspcalloc_tab.t3sf5hxahl26seccb00hw01qk4	INT8	#	A number of incoming 2CN controlled SRNS relocation	Sum, nkrttbh, tot

				preparation requests.HC makes a relocation decision based on the UE measurement report.	
srns_reloc_in_prep_req_contr_by_msc	nok_nknrn_rspcalloc_tab.t3qha0tahl26seccb00hw01qk4	INT8	#	A number of incoming MSC controlled SRNS relocation preparation requests.HC makes a relocation decision based on the UE measurement report.	Sum, nkrttbh, tot
srns_reloc_in_prep_req_contr_by_sgsn	nok_nknrn_rspcalloc_tab.t3rgpkhahl26seccb00hw01qk4	INT8	#	A number of incoming SGSN controlled SRNS relocation preparation requests.HC makes a relocation decision based on the UE measurement report.	Sum, nkrttbh, tot
srns_reloc_in_prep_succ_contr_by_2cn	nok_nknrn_rspcalloc_tab.t3vm4khahl26seccb00hw01qk4	INT8	#	A number of successful incoming 2CN controlled SRNS relocation preparation requests.	Sum, nkrttbh, tot
srns_reloc_in_prep_succ_contr_by_msc	nok_nknrn_rspcalloc_tab.t3tie12ahl26seccb00hw01qk4	INT8	#	A number of successful incoming MSC controlled SRNS relocation preparation requests.	Sum, nkrttbh, tot
srns_reloc_in_prep_succ_contr_by_sgsn	nok_nknrn_rspcalloc_tab.t3uks5tahl26seccb00hw01qk4	INT8	#	A number of successful incoming SGSN controlled SRNS relocation preparation	Sum, nkrttbh, tot

				requests.	
srns_reloc_in_prep_unsucc_contr_by_2cn_due_to_misc_cause	nok_nknrn_rspcalloc_tab.t4hikrpahl26seccb00hw01qk4	INT8	#	A number of incoming 2CN controlled SRNS relocation preparation failures due to a Miscellaneous cause.	Sum, nkrttbh, tot
srns_reloc_in_prep_unsucc_contr_by_2cn_due_to_nas_cause	nok_nknrn_rspcalloc_tab.t4fgrc2ahl26seccb00hw01qk4	INT8	#	A number of incoming 2CN controlled SRNS relocation preparation failures due to a Non Access Stratum cause.	Sum, nkrttbh, tot
srns_reloc_in_prep_unsucc_contr_by_2cn_due_to_non_stan_cause	nok_nknrn_rspcalloc_tab.t4ijd3lahl26seccb00hw01qk4	INT8	#	A number of incoming 2CN controlled SRNS relocation preparation failures due to a Non Standard cause.	Sum, nkrttbh, tot
srns_reloc_in_prep_unsucc_contr_by_2cn_due_to_prot_cause	nok_nknrn_rspcalloc_tab.t4ggqgpahl26seccb00hw01qk4	INT8	#	A number of incoming 2CN controlled SRNS relocation preparation failures due to a Protocol cause.	Sum, nkrttbh, tot
srns_reloc_in_prep_unsucc_contr_by_2cn_due_to_rn_layer_cause	nok_nknrn_rspcalloc_tab.t4de1hpahl26seccb00hw01qk4	INT8	#	A number of incoming 2CN controlled SRNS relocation preparation failures due to a Radio Network Layer cause.	Sum, nkrttbh, tot

This edition applies to IBM® Tivoli® Netcool® Performance Manager for Wireless and to all subsequent releases and modifications until otherwise indicated in new editions.

srns_reloc_in_prep_unsucc_contr_by_2cn_due_to_tr_cause	nok_nknrn_rspcalloc_tab.t4ee532ahl26seccb00hw01qk4	INT8	#	A number of incoming 2CN controlled SRNS relocation preparation failures due to a Transport Layer cause.	Sum, nkrttbh, tot
srns_reloc_in_prep_unsucc_contr_by_msc_due_to_misc_cause	nok_nknrn_rspcalloc_tab.t41wdw6ahl26seccb00hw01qk4	INT8	#	A number of incoming MSC controlled SRNS relocation preparation failures due to a Miscellaneous cause.	Sum, nkrttbh, tot
srns_reloc_in_prep_unsucc_contr_by_msc_due_to_nas_cause	nok_nknrn_rspcalloc_tab.t3yt1dtahl26seccb00hw01qk4	INT8	#	A number of incoming MSC controlled SRNS relocation preparation failures due to a Non Access Stratum cause.	Sum, nkrttbh, tot
srns_reloc_in_prep_unsucc_contr_by_msc_due_to_non_stan_cause	nok_nknrn_rspcalloc_tab.t4300y2ahl26seccb00hw01qk4	INT8	#	A number of incoming MSC controlled SRNS relocation preparation failures due to a Non Standard cause.	Sum, nkrttbh, tot
srns_reloc_in_prep_unsucc_contr_by_msc_due_to_prot_cause	nok_nknrn_rspcalloc_tab.t40u26tahl26seccb00hw01qk4	INT8	#	A number of incoming MSC controlled SRNS relocation preparation failures due to a Protocol cause.	Sum, nkrttbh, tot
srns_reloc_in_prep_unsucc_contr_by_msc_due_to_rn_layer_cause	nok_nknrn_rspcalloc_tab.t3wodklahl26seccb00hw01qk4	INT8	#	A number of incoming MSC controlled SRNS relocation preparation failures due to a Radio Network Layer	Sum, nkrttbh, tot

				cause.	
srns_reloc_in_prep_unsucc_contr_by_msc_due_to_tr_cause	nok_nknrn_rspcalloc_tab.t3xq656ahl26seccb00hw01qk4	INT8	#	A number of incoming MSC controlled SRNS relocation preparation failures due to a Transport Layer cause.	Sum, nkrttbh, tot
srns_reloc_in_prep_unsucc_contr_by_sgsn_due_to_misc_cause	nok_nknrn_rspcalloc_tab.t4bbnixahl26seccb00hw01qk4	INT8	#	A number of incoming SGSN controlled SRNS relocation preparation failures due to a Miscellaneous cause.	Sum, nkrttbh, tot
srns_reloc_in_prep_unsucc_contr_by_sgsn_due_to_nas_cause	nok_nknrn_rspcalloc_tab.t46a03hahl26seccb00hw01qk4	INT8	#	A number of incoming SGSN controlled SRNS relocation preparation failures due to a Non Access Stratum cause.	Sum, nkrttbh, tot
srns_reloc_in_prep_unsucc_contr_by_sgsn_due_to_non_stan_cause	nok_nknrn_rspcalloc_tab.t4ccc6lahl26seccb00hw01qk4	INT8	#	A number of incoming SGSN controlled SRNS relocation preparation failures due to a Non Standard cause.	Sum, nkrttbh, tot
srns_reloc_in_prep_unsucc_contr_by_sgsn_due_to_prot_cause	nok_nknrn_rspcalloc_tab.t4a6nexahl26seccb00hw01qk4	INT8	#	A number of incoming SGSN controlled SRNS relocation preparation failures due to a Protocol cause.	Sum, nkrttbh, tot

This edition applies to IBM® Tivoli® Netcool® Performance Manager for Wireless and to all subsequent releases and modifications until otherwise indicated in new editions.

srns_reloc_in_prep_unsucc_contr_by_sgsn_due_to_rn_layer_cause	nok_nknrn_rspcalloc_tab.t442qolahl26seccb00hw01qk4	INT8	#	A number of incoming SGSN controlled SRNS relocation preparation failures due to a Radio Network Layer cause.	Sum, nkrttbh, tot
srns_reloc_in_prep_unsucc_contr_by_sgsn_due_to_tr_cause	nok_nknrn_rspcalloc_tab.t454u36ahl26seccb00hw01qk4	INT8	#	A number of incoming SGSN controlled SRNS relocation preparation failures due to a Transport Layer cause.	Sum, nkrttbh, tot

6.31.34Neighbour_RNC.Nokia.UMTS.rnsap.relocation.cancel_cn

RNSAP - Relocation to 2CN cancelled by SRNC statistics

KPI Name	Expression	Data Type	Units	Description	Aggregation
srns_reloc_out_cancel_contr_by_2cn_due_to_misc_cause	nok_nknrn_rspccclcn_tab.t4pye4dahl26seccb00hw01qk4	INT8	#	A number of outgoing 2CN controlled SRNS relocation cancellations due to a Miscellaneous cause.	Sum, nkrttbh, tot
srns_reloc_out_cancel_contr_by_2cn_due_to_nas_cause	nok_nknrn_rspccclcn_tab.t4ntf1hahl26seccb00hw01qk4	INT8	#	A number of outgoing 2CN controlled SRNS relocation cancellations due to a Non Access Stratum cause.	Sum, nkrttbh, tot
srns_reloc_out_cancel_contr_by_2cn_due_to_non_stan_cause	nok_nknrn_rspccclcn_tab.t4r05fhahl26seccb00hw01qk4	INT8	#	A number of outgoing 2CN controlled SRNS relocation cancellations due to a Non Standard cause.	Sum, nkrttbh, tot

srns_reloc_out_cancel_contr_by_2cn_due_to_prot_cause	nok_nknrn_rspccclcn_tab.t4owipdahl26seccb00hw01qk4	INT8	#	A number of outgoing 2CN controlled SRNS relocation cancellations due to a Protocol cause.	Sum, nkrttbh, tot
srns_reloc_out_cancel_contr_by_2cn_due_to_reloc_ove_tim_exp	nok_nknrn_rspccclcn_tab.t4knwshahl26seccb00hw01qk4	INT8	#	A number of outgoing 2CN controlled SRNS relocation cancellations due to the expiry of the relocation overall timer.	Sum, nkrttbh, tot
srns_reloc_out_cancel_contr_by_2cn_due_to_reloc_prep_tim_exp	nok_nknrn_rspccclcn_tab.t4lps5lahl26seccb00hw01qk4	INT8	#	A number of outgoing 2CN controlled SRNS relocation cancellations due to the expiry of the relocation preparation timer.	Sum, nkrttbh, tot
srns_reloc_out_cancel_contr_by_2cn_due_to_rn_layer_cause	nok_nknrn_rspccclcn_tab.t4jlbp6ahl26seccb00hw01qk4	INT8	#	A number of outgoing 2CN controlled SRNS relocation cancellations due to a Radio Network Layer cause.	Sum, nkrttbh, tot
srns_reloc_out_cancel_contr_by_2cn_due_to_tr_cause	nok_nknrn_rspccclcn_tab.t4mrcvhahl26seccb00hw01qk4	INT8	#	A number of outgoing 2CN controlled SRNS relocation cancellations due to a Transport Layer cause.	Sum, nkrttbh, tot

6.31.35Neighbour_RNC.Nokia.UMTS.rnsap.relocation.cancel_msc

RNSAP - Relocation to MSC cancelled by SRNC statistics

KPI Name	Expression	Data Type	Units	Description	Aggregation
srns_reloc_out_cancel_contr_by_msc_due_to_misc_cause	nok_nknrn_rspccclmsc_tab.t4ymloxahl26seccb00hw01qk4	INT8	#	A number of outgoing MSC controlled SRNS relocation cancellations due to a Miscellaneous cause.	Sum, nkrttbh, tot
srns_reloc_out_cancel_contr_by_msc_due_to_nas_cause	nok_nknrn_rspccclmsc_tab.t4wdmqtahl26seccb00hw01qk4	INT8	#	A number of outgoing MSC controlled SRNS relocation cancellations due to a Non Access Stratum cause.	Sum, nkrttbh, tot
srns_reloc_out_cancel_contr_by_msc_due_to_non_stan_cause	nok_nknrn_rspccclmsc_tab.t50pq2lahl26seccb00hw01qk4	INT8	#	A number of outgoing MSC controlled SRNS relocation cancellations due to a Non Standard cause.	Sum, nkrttbh, tot
srns_reloc_out_cancel_contr_by_msc_due_to_prot_cause	nok_nknrn_rspccclmsc_tab.t4xktflahl26seccb00hw01qk4	INT8	#	A number of outgoing MSC controlled SRNS relocation cancellations due to a Protocol cause.	Sum, nkrttbh, tot
srns_reloc_out_cancel_contr_by_msc_due_to_reloc_ove_tim_exp	nok_nknrn_rspccclmsc_tab.t4taqcxahl26seccb00hw01qk4	INT8	#	A number of outgoing MSC controlled SRNS relocation cancellations due to the expiry of the relocation overall timer.	Sum, nkrttbh, tot
srns_reloc_out_cancel_contr_by_msc_	nok_nknrn_rspccclmsc_tab.t4ube6dahl26seccb00hw01	INT8	#	A number of outgoing MSC	Sum, nkrttbh,

due_to_reloc_prep_tim_exp	qk4			controlled SRNS relocation cancellations due to the expiry of the relocation preparation timer.	tot
srns_reloc_out_cancel_contr_by_msc_due_to_rn_layer_cause	nok_nknrn_rspccclmsc_tab.t4s4u6xahl26seccb00hw01qk4	INT8	#	A number of outgoing MSC controlled SRNS relocation cancellations due to a Radio Network Layer cause.	Sum, nkrttbh, tot
srns_reloc_out_cancel_contr_by_msc_due_to_tr_cause	nok_nknrn_rspccclmsc_tab.t4vdxqlahl26seccb00hw01qk4	INT8	#	A number of outgoing MSC controlled SRNS relocation cancellations due to a Transport Layer cause.	Sum, nkrttbh, tot

6.31.36Neighbour_RNC.Nokia.UMTS.rnsap.relocation.cancel_sgsn

RNSAP - Relocation to SGSN cancelled by SRNC statistics

KPI Name	Expression	Data Type	Units	Description	Aggregation
srns_reloc_out_cancel_contr_by_sgsn_due_to_misc_cause	nok_nknrn_rspccclsgsn_tab.t5ax3lxahl26seccb00hw01qk4	INT8	#	A number of outgoing SGSN controlled SRNS relocation cancellations due to a Miscellaneous cause.	Sum, nkrttbh, tot
srns_reloc_out_cancel_contr_by_sgsn_due_to_nas_cause	nok_nknrn_rspccclsgsn_tab.t55vahxahl26seccb00hw01qk4	INT8	#	A number of outgoing SGSN controlled SRNS relocation	Sum, nkrttbh, tot

				cancellations due to a Non Access Stratum cause.	
srns_reloc_out_cancel_contr_by_sgsn_due_to_non_stan_cause	nok_nknrn_rspccclsgsn_tab.t5bw5r2ahl26seccb00hw01qk4	INT8	#	A number of outgoing SGSN controlled SRNS relocation cancellations due to a Non Standard cause.	Sum, nkrttbh, tot
srns_reloc_out_cancel_contr_by_sgsn_due_to_prot_cause	nok_nknrn_rspccclsgsn_tab.t56vnk6ahl26seccb00hw01qk4	INT8	#	A number of outgoing SGSN controlled SRNS relocation cancellations due to a Protocol cause.	Sum, nkrttbh, tot
srns_reloc_out_cancel_contr_by_sgsn_due_to_reloc_ove_tim_exp	nok_nknrn_rspccclsgsn_tab.t52qempahl26seccb00hw01qk4	INT8	#	A number of outgoing SGSN controlled SRNS relocation cancellations due to the expiry of the relocation overall timer.	Sum, nkrttbh, tot
srns_reloc_out_cancel_contr_by_sgsn_due_to_reloc_prep_tim_exp	nok_nknrn_rspccclsgsn_tab.t53scqdahl26seccb00hw01qk4	INT8	#	A number of outgoing SGSN controlled SRNS relocation cancellations due to the expiry of the relocation preparation timer.	Sum, nkrttbh, tot
srns_reloc_out_cancel_contr_by_sgsn_due_to_rn_layer_cause	nok_nknrn_rspccclsgsn_tab.t51qc2dahl26seccb00hw01qk4	INT8	#	A number of outgoing SGSN controlled SRNS relocation cancellations due to a Radio Network Layer cause.	Sum, nkrttbh, tot
srns_reloc_out_cancel_contr_by_sgsn_due_to_tr_cause	nok_nknrn_rspccclsgsn_tab.t54sorhahl26seccb00hw01qk4	INT8	#	A number of outgoing SGSN controlled SRNS	Sum, nkrttbh, tot

				relocation cancellations due to a Transport Layer cause.	

6.31.37Neighbour_RNC.Nokia.UMTS.rnsap.relocation.misc_target

RNSAP - Relocation detected/completed by Target RNC statistics

KPI Name	Expression	Data Type	Units	Description	Aggregation
srns_reloc_compl_in_target_rnc_contr_by_2cn	nok_nknrn_rspccclmitgt_tab.t5idjf2ahl26seccb00hw01qk4	INT8	#	A number of outgoing relocation complete messages during incoming 2CN controlled SRNS relocation.	Sum, nkrttbh, tot
srns_reloc_compl_in_target_rnc_contr_by_msc	nok_nknrn_rspccclmitgt_tab.t5g6nwtahl26seccb00hw01qk4	INT8	#	A number of outgoing relocation complete messages during incoming MSC controlled SRNS relocation.	Sum, nkrttbh, tot
srns_reloc_compl_in_target_rnc_contr_by_sgsn	nok_nknrn_rspccclmitgt_tab.t5hafspahl26seccb00hw01qk4	INT8	#	A number of outgoing relocation complete messages during incoming SGSN controlled SRNS relocation.	Sum, nkrttbh, tot
srns_reloc_det_in_target_rnc_contr_by_2cn	nok_nknrn_rspccclmitgt_tab.t5f6d26ahl26seccb00hw01qk4	INT8	#	A number of outgoing relocation detect messages during incoming 2CN controlled SRNS relocation.	Sum, nkrttbh, tot
srns_reloc_det_in_target_rnc_contr_by	nok_nknrn_rspccclmitgt_tab.t5d0wpdahl26seccb00hw	INT8	#	A number of outgoing relocation	Sum, nkrttbh,

_msc	01qk4			detect messages during incoming MSC controlled SRNS relocation.	tot
srns_reloc_det_in_target_rnc_contr_by_sgsn	nok_nknrn_rspccclmitgt_tab.t5e3im2ahl26seccb00hw01qk4	INT8	#	A number of outgoing relocation detect messages during incoming SGSN controlled SRNS relocation.	Sum, nkrttbh, tot

6.31.38Neighbour_RNC.Nokia.UMTS.rnsap.relocation.preparation

RNSAP - Relocation preparation by SRNC statistics

KPI Name	Expression	Data Type	Units	Description	Aggregation
srns_reloc_out_prep_req_contr_by_2cn	nok_nknrn_rspcprep_tab.t5ljaa2ahl26seccb00hw01qk4	INT8	#	A number of outgoing 2CN controlled SRNS relocation preparation requests.HC makes a relocation decision based on the UE measurement report.	Sum, nkrttbh, tot
srns_reloc_out_prep_req_contr_by_msc	nok_nknrn_rspcprep_tab.t5jfnotahl26seccb00hw01qk4	INT8	#	A number of outgoing MSC controlled SRNS relocation preparation requests.HC makes a relocation decision based on the UE measurement report.	Sum, nkrttbh, tot
srns_reloc_out_prep_req_contr_by_sgsn	nok_nknrn_rspcprep_tab.t5kh0stahl26seccb00hw01qk4	INT8	#	A number of outgoing SGSN controlled SRNS relocation preparation requests.HC makes	Sum, nkrttbh, tot

				a relocation decision based on the UE measurement report.	
srns_reloc_out_prep_succ_contr_by_2cn	nok_nknrn_rspcprep_tab.t5or55pahl26seccb00hw01qk4	INT8	#	A number of successful outgoing 2CN controlled SRNS relocation preparation requests.	Sum, nkrttbh, tot
srns_reloc_out_prep_succ_contr_by_msc	nok_nknrn_rspcprep_tab.t5mmxm6ahl26seccb00hw01qk4	INT8	#	A number of successful outgoing MSC controlled SRNS relocation preparation requests.	Sum, nkrttbh, tot
srns_reloc_out_prep_succ_contr_by_sgsn	nok_nknrn_rspcprep_tab.t5npmvpahl26seccb00hw01qk4	INT8	#	A number of successful outgoing SGSN controlled SRNS relocation preparation requests.	Sum, nkrttbh, tot
srns_reloc_out_prep_unsucc_contr_by_2cn_due_non_stan_cause	nok_nknrn_rspcprep_tab.t6ct50tahl26seccb00hw01qk4	INT8	#	A number of outgoing 2CN controlled SRNS relocation preparation failures due to a Non Standard cause.	Sum, nkrttbh, tot
srns_reloc_out_prep_unsucc_contr_by_2cn_due_to_nas_cause	nok_nknrn_rspcprep_tab.t66g0vpahl26seccb00hw01qk4	INT8	#	A number of outgoing 2CN controlled SRNS relocation preparation failures due to a Non Access Stratum cause.	Sum, nkrttbh, tot
srns_reloc_out_pre	nok_nknrn_rspcprep_tab.t6	INT8	#	A number of	Sum,

This edition applies to IBM® Tivoli® Netcool® Performance Manager for Wireless and to all subsequent releases and modifications until otherwise indicated in new editions.

p_unsucc_contr_by_2cn_due_to_prot_cause	akvhxahl26seccb00hw01qk4			outgoing 2CN controlled SRNS relocation preparation failures due to a Protocol cause.	nkrttbh, tot
srns_reloc_out_prep_unsucc_contr_by_2cn_due_to_rn_layer_cause	nok_nknrn_rspcprep_tab.t64alp2ahl26seccb00hw01qk4	INT8	#	A number of outgoing 2CN controlled SRNS relocation preparation failures due to a Radio Network Layer cause.	Sum, nkrttbh, tot
srns_reloc_out_prep_unsucc_contr_by_2cn_due_to_tr_layer_cause	nok_nknrn_rspcprep_tab.t65d2ptahl26seccb00hw01qk4	INT8	#	A number of outgoing 2CN controlled SRNS relocation preparation failures due to a Transport Layer cause.	Sum, nkrttbh, tot
srns_reloc_out_prep_unsucc_contr_by_2cn_rec_from_sgsn_due_misc_cause	nok_nknrn_rspcprep_tab.t6boyjtahl26seccb00hw01qk4	INT8	#	A number of outgoing 2CN controlled SRNS relocation preparation failures from the SGSN due to a Miscellaneous cause.	Sum, nkrttbh, tot
srns_reloc_out_prep_unsucc_contr_by_msc_due_to_misc_cause	nok_nknrn_rspcprep_tab.t5ud3gdahl26seccb00hw01qk4	INT8	#	A number of outgoing MSC controlled SRNS relocation preparation failures due to a Miscellaneous cause.	Sum, nkrttbh, tot
srns_reloc_out_prep_unsucc_contr_by_msc_due_to_nas_cause	nok_nknrn_rspcprep_tab.t5s1rrlahl26seccb00hw01qk4	INT8	#	A number of outgoing MSC controlled SRNS relocation preparation failures due to a Non Access	Sum, nkrttbh, tot

				Stratum cause.	
srns_reloc_out_prep_unsucc_contr_by_msc_due_to_non_stan_cause	nok_nknrn_rspcprep_tab.t5vgrg6ahl26seccb00hw01qk4	INT8	#	A number of outgoing MSC controlled SRNS relocation preparation failures due to a Non Standard cause.	Sum, nkrttbh, tot
srns_reloc_out_prep_unsucc_contr_by_msc_due_to_prot_cause	nok_nknrn_rspcprep_tab.t5t66ipahl26seccb00hw01qk4	INT8	#	A number of outgoing MSC controlled SRNS relocation preparation failures due to a Protocol cause.	Sum, nkrttbh, tot
srns_reloc_out_prep_unsucc_contr_by_msc_due_to_rn_layer_cause	nok_nknrn_rspcprep_tab.t5pv0e2ahl26seccb00hw01qk4	INT8	#	A number of outgoing MSC controlled SRNS relocation preparation failures due to a Radio Network Layer cause.	Sum, nkrttbh, tot
srns_reloc_out_prep_unsucc_contr_by_msc_due_to_tr_layer_cause	nok_nknrn_rspcprep_tab.t5qxyahahl26seccb00hw01qk4	INT8	#	A number of outgoing MSC controlled SRNS relocation preparation failures due to a Transport Layer cause.	Sum, nkrttbh, tot
srns_reloc_out_prep_unsucc_contr_by_sgsn_due_to_misc_cause	nok_nknrn_rspcprep_tab.t61yb1dahl26seccb00hw01qk4	INT8	#	A number of outgoing SGSN controlled SRNS relocation preparation failures due to a Miscellaneous cause.	Sum, nkrttbh, tot

srns_reloc_out_prep_unsucc_contr_by_sgsn_due_to_nas_cause	nok_nknrn_rspcprep_tab.t5yqgmdahl26seccb00hw01qk4	INT8	#	A number of outgoing SGSN controlled SRNS relocation preparation failures due to a Non Access Stratum cause.	Sum, nkrttbh, tot
srns_reloc_out_prep_unsucc_contr_by_sgsn_due_to_non_stan_cause	nok_nknrn_rspcprep_tab.t6334rpahl26seccb00hw01qk4	INT8	#	A number of outgoing SGSN controlled SRNS relocation preparation failures due to a Non Standard cause.	Sum, nkrttbh, tot
srns_reloc_out_prep_unsucc_contr_by_sgsn_due_to_prot_cause	nok_nknrn_rspcprep_tab.t60uqjlahl26seccb00hw01qk4	INT8	#	A number of outgoing SGSN controlled SRNS relocation preparation failures due to a Protocol cause.	Sum, nkrttbh, tot
srns_reloc_out_prep_unsucc_contr_by_sgsn_due_to_rn_layer_cause	nok_nknrn_rspcprep_tab.t5wkpoxahl26seccb00hw01qk4	INT8	#	A number of outgoing SGSN controlled SRNS relocation preparation failures due to a Radio Network Layer cause.	Sum, nkrttbh, tot
srns_reloc_out_prep_unsucc_contr_by_sgsn_due_to_tr_layer_cause	nok_nknrn_rspcprep_tab.t5xobcpahl26seccb00hw01qk4	INT8	#	A number of outgoing SGSN controlled SRNS relocation preparation failures due to a Transport Layer cause.	Sum, nkrttbh, tot

6.31.39Neighbour_RNC.Nokia.UMTS.rnsap.relocation

RNSAP - Committed SRNS relocation statistics

KPI Name	Expression	Data Type	Units	Description	Aggregation

reloc_commit_in_source_rnc	nok_rnsap_relocation_tab.t3oe3wdahl26seccb00hw01qk4	INT8	#	A number of committed Serving RNS Relocations on source RNC side.	Sum, nkrttbh, tot
reloc_commit_in_target_rnc	nok_rnsap_relocation_tab.t3pdqylahl26seccb00hw01qk4	INT8	#	A number of committed Serving RNS Relocations on target RNC side.	Sum, nkrttbh, tot

6.31.40 Neighbour_RNC.Nokia.UMTS.sho_branch_failure

SHO failure statistics

KPI Name	Expression	Data Type	Units	Description	Aggregation
fail_sho_branch_setup_iur	nok_nknrn_shobrf_tab.xdrxaphdmm2aicsd002uaxybdk	INTEGER	#	The number of SHO Branch setup failures due to Iur interface.	Sum, nkrttbh, tot

6.32 NodeB Performance Indicators

- NodeB.Nokia.UMTS.bts_hw
- NodeB.Nokia.UMTS.nbap_reset_procedures
- NodeB.Nokia.UMTS.radio_link

6.32.1 NodeB.Nokia.UMTS.bts_hw

BTS hardware usage statistics

KPI Name	Expression	Data Type	Units	Description	Aggregation
ave_avail_pool_capa_dl	nok_nknb_btshw_tab.t6dxjglahl26seccb00hw01qk4	FLOAT	kbps	Obsolete since RN4.0: Average DSP processing capacity available for processing	Average, avg, max, min, nkrttbh, tot

				downlink physical channels in a pool of cells. (Available bit rate for this pool). Measured in units of 10kb/s	
ave_avail_pool_capa_ul	nok_nknb_btshw_tab.t6g6snpahl26seccb00hw01qk4	FLOAT	kbps	Obsolete since RN4.0: Average DSP processing capacity available for processing uplink physical channels in a pool of cells. (Available bit rate for this pool). Measured in units of 10kb/s	Average, avg, max, min, nkrttbh, tot
average_avail_pool_capa_dl	{ave_avail_pool_capa_dl} / {nbr_of_pool_rep_dl}	FLOAT	kbps	Calculation for average DSP processing capacity for downlink	Average, avg, max, min, nkrttbh, tot
average_avail_pool_capa_ul	{ave_avail_pool_capa_ul} / {nbr_of_pool_rep_ul}	FLOAT	kbps	Calculation for average DSP processing capacity for uplink	Average, avg, max, min, nkrttbh, tot
average_available_percentage_pool_capacity_dl	nok_nknb_btshw_tab.t6lwnmdahl26seccb00hw01qk4	FLOAT	%	Obsolete since RN4.0: The average percentage DSP processing capacity available for processing downlink physical channels. The capacity is calculated based on initial capacity credits received in the NBAP:AUDIT RESPONSE message, and on updated capacity	Average, avg, max, min, nkrttbh, tot

				credits received in the NBAP:RESOURCE STATUS INDICATION message. This counter is updated only for base stations using 3GPP Iub.	
average_available_percentage_pool_capacity_ul	nok_nknb_btshw_tab.t6n3pdtahl26seccb00hw01qk4	FLOAT	%	Obsolete since RN4.0: The average percentage DSP processing capacity available for processing uplink physical channels. The capacity is calculated based on initial capacity credits received in the NBAP:AUDIT RESPONSE message, and on updated capacity credits received in the NBAP:RESOURCE STATUS INDICATION message. This counter is updated only for base stations using 3GPP Iub.	Average, avg, max, min, nkrttbh, tot
bts_hw_capacity_dl_denominator	nok_nknb_btshw_tab.t6o30etahl26seccb00hw01qk4	INT8	#	Obsolete since RN4.0: The denominator for downlink DSP processing capacity	Sum, nkrttbh, tot

				counter.	
bts_hw_capacity_ul_denominator	nok_nknb_btshw_tab.t6paed6ahl26seccb00hw01qk4	INT8	#	Obsolete since RN4.0: The denominator for uplink DSP processing capacity counter.	Sum, nkrttbh, tot
nbr_of_cells	nok_nknb_btshw_tab.t6ips4hahl26seccb00hw01qk4	INTEGER	#	Obsolete since RN4.0: Number of cells belonging to the pool	Sum, nkrttbh, tot
nbr_of_pool_rep_dl	nok_nknb_btshw_tab.t6f2uspahl26seccb00hw01qk4	INT8	#	Obsolete since RN4.0: Number of radio resource indication reports containing pool capacity information for DL	Sum, nkrttbh, tot
nbr_of_pool_rep_ul	nok_nknb_btshw_tab.t6he3epahl26seccb00hw01qk4	INT8	#	Obsolete since RN4.0: Number of radio resource indication reports containing pool capacity information for UL	Sum, nkrttbh, tot

6.32.2 NodeB.Nokia.UMTS.nbap_reset_procedures

NBAP reset procedures statistics

KPI Name	Expression	Data Type	Units	Description	Aggregation
reset_request_received_with_ie_communication_context	nok_nknodb_nbaprstproc_tab.t6u0ns6ahl26seccb00hw01qk4	INT8	#	The number of reset request messages received from the BTS with the information element "communication context", meaning that the termination point for one UE is reset. NOTE: This	Sum, nkrttbh, tot

				counter is updated for the WBTS object. (WBTS/WCEL-300000000 in the XML measurement file created by NEMU)	
reset_request_received_with_ie_communication_control_port	nok_nknodb_nbaprstproc_tab.t6v2f22ahl26seccb00hw01qk4	INT8	#	The number of reset request messages received from the BTS with the information element "communication control port", meaning that the termination points for one cell are reset. NOTE: This counter is updated for the WBTS object. (WBTS/WCEL-300000000 in the XML measurement file created by NEMU)	Sum, nkrttbh, tot
reset_request_received_with_ie_node_b	nok_nknodb_nbaprstproc_tab.t6w6ikpahl26seccb00hw01qk4	INT8	#	The number of reset request messages received from the BTS with the information element "Node B", meaning that all termination points of the BTS are reset. NOTE: This counter is updated for the WBTS object. (WBTS/WCEL-300000000 in the XML measurement file	Sum, nkrttbh, tot

				created by NEMU)	
reset_request_sent_with_ie_communication_context	nok_nknodb_nbaprstproc_tab.t6qpn62ahl26seccb00hw01qk4	INT8	#	The number of reset request messages sent to the BTS with the information element "communication context", meaning that the termination point for one UE is reset. NOTE: This counter is updated for the WBTS object. (WBTS/WCEL-300000000 in the XML measurement file created by NEMU)	Sum, nkrttbh, tot
reset_request_sent_with_ie_communication_control_port	nok_nknodb_nbaprstproc_tab.t6rr2wtahl26seccb00hw01qk4	INT8	#	The number of reset request messages sent to the BTS with the information element "communication control port", meaning that termination points for one cell are reset. NOTE: This counter is updated for the WBTS object. (WBTS/WCEL-300000000 in the XML measurement file created by NEMU)	Sum, nkrttbh, tot
reset_request_sent_with_ie_node_b	nok_nknodb_nbaprstproc_tab.t6svjktahl26seccb00hw01qk4	INT8	#	The number of reset request messages sent to the BTS with the information element "Node B", meaning	Sum, nkrttbh, tot

				that all termination points of the BTS are reset. NOTE: This counter is updated for the WBTS object. (WBTS/WCEL-300 000000 in the XML measurement file created by NEMU)	

6.32.3 NodeB.Nokia.UMTS.radio_link

Radio link measurement related statistics

KPI Name	Expression	Data Type	Units	Description	Aggregation
nbr_of_rl_meas_reps	nok_nknb_rl_tab.t6xcxu2ahl26seccb00hw01qk4	INT8	#	Number of radio link measurement reports at BTS	Sum, nkrttbh, tot

6.33 Physical_Layer_Term_Point Performance Indicators

- Physical_Layer_Term_Point.Nokia.UMTS.interface_specific

6.33.1 Physical_Layer_Term_Point.Nokia.UMTS.interface_specific

Interface performance statistics

KPI Name	Expression	Data Type	Units	Description	Aggregation
disc_cells	nok_nkpltp_ifsp_tab.t6ygwqtahl26seccb00hw01qk4	INT8	#	Discarded cells. This includes cells with more than one bit errors. This parameter provides a count of the number of incoming	Sum, nkrttbh, tot

				ATM cells discarded due to a Header Error Check (HEC) violation. HEC is used for checking and correcting an error in the ATM cell header. One bit errors are corrected. If there are more Errors in the header, it cannot be corrected but the cell is discarded.	
err_cells	nok_nkpltp_ifsp_tab.ta0lukdahl26seccb00hw01qk4	INT8	#	Errored cells. This includes all the cells that have errors one or more bit errors in the header. This parameter provides a count of incoming ATM cells that contain Header Error Check	Sum, nkrttbh, tot

6.34 RNC Performance Indicators

- RNC.Nokia.UMTS.anchoring_soft_handover
- RNC.Nokia.UMTS.anchoring.incoming_handovers_relocations
- RNC.Nokia.UMTS.anchoring.intrasys_hho_scc
- RNC.Nokia.UMTS.anchoring.multirab.access_complete
- RNC.Nokia.UMTS.anchoring.multirab.active_complete
- RNC.Nokia.UMTS.anchoring.multirab.active_failure
- RNC.Nokia.UMTS.anchoring.multirab.setup_attempts
- RNC.Nokia.UMTS.anchoring.prach_prop_delay
- RNC.Nokia.UMTS.anchoring.rab.access_complete
- RNC.Nokia.UMTS.anchoring.rab.active_complete_cs_data
- RNC.Nokia.UMTS.anchoring.rab.active_complete_ps_data
- RNC.Nokia.UMTS.anchoring.rab.active_failure_cs_data
- RNC.Nokia.UMTS.anchoring.rab.active_failure_cs_voice
- RNC.Nokia.UMTS.anchoring.rab.active_failure_ps_data
- RNC.Nokia.UMTS.anchoring.rab.active_failures_ps
- RNC.Nokia.UMTS.anchoring.rab.active_release_cs_data
- RNC.Nokia.UMTS.anchoring.rab.active_release_cs_voice

- RNC.Nokia.UMTS.anchoring.rab.active_release_ps_data
- RNC.Nokia.UMTS.anchoring.rab.connections_in_cs
- RNC.Nokia.UMTS.anchoring.rab.connections_in_ps
- RNC.Nokia.UMTS.anchoring.rab.connections_out_cs
- RNC.Nokia.UMTS.anchoring.rab.connections_out_ps
- RNC.Nokia.UMTS.anchoring.rab.control_procedures
- RNC.Nokia.UMTS.anchoring.rab.holding_times
- RNC.Nokia.UMTS.anchoring.rab.reconfigurations
- RNC.Nokia.UMTS.anchoring.rab.setup_access_complete
- RNC.Nokia.UMTS.anchoring.rab.setup_access_failure
- RNC.Nokia.UMTS.anchoring.rab.setup_attempts
- RNC.Nokia.UMTS.anchoring.rab.setup_complete
- RNC.Nokia.UMTS.anchoring.rab.setup_failure_cs
- RNC.Nokia.UMTS.anchoring.rab.setup_failure_ps
- RNC.Nokia.UMTS.anchoring.rab.setup_time
- RNC.Nokia.UMTS.anchoring.rrc.connection_access
- RNC.Nokia.UMTS.anchoring.rrc.connection_active
- RNC.Nokia.UMTS.anchoring.rrc.connection_mobility_procedures
- RNC.Nokia.UMTS.anchoring.rrc.connection_setup
- RNC.Nokia.UMTS.anchoring.rrc.connections
- RNC.Nokia.UMTS.anchoring.rrc.establishment_per_ue_capability
- RNC.Nokia.UMTS.anchoring.rrc.radio_bearer_setup
- RNC.Nokia.UMTS.anchoring.rrc.setup_causes_call_reestablish
- RNC.Nokia.UMTS.anchoring.rrc.setup_causes_detach
- RNC.Nokia.UMTS.anchoring.rrc.setup_causes_emergency
- RNC.Nokia.UMTS.anchoring.rrc.setup_causes_high_priority_sig
- RNC.Nokia.UMTS.anchoring.rrc.setup_causes_intr_rat
- RNC.Nokia.UMTS.anchoring.rrc.setup_causes_intrregistration
- RNC.Nokia.UMTS.anchoring.rrc.setup_causes_low_priority_sig
- RNC.Nokia.UMTS.anchoring.rrc.setup_causes_mobile_orig
- RNC.Nokia.UMTS.anchoring.rrc.setup_causes_mobile_term
- RNC.Nokia.UMTS.anchoring.rrc.setup_causes_term_unknown
- RNC.Nokia.UMTS.anchoring.signalling_paging_message
- RNC.Nokia.UMTS.anchoring.signalling_rrc.connection_setup_requests
- RNC.Nokia.UMTS.anchoring.signalling_rrc.connection_status
- RNC.Nokia.UMTS.anchoring.signalling_rrc.measurement_report
- RNC.Nokia.UMTS.anchoring.signalling_rrc.signalling_protocol_states
- RNC.Nokia.UMTS.cswitch.iurelreq
- RNC.Nokia.UMTS.cswitch.relocation.source
- RNC.Nokia.UMTS.cswitch.relocation.target
- RNC.Nokia.UMTS.dsp_performance

This edition applies to IBM® Tivoli® Netcool® Performance Manager for Wireless and to all subsequent releases and modifications until otherwise indicated in new editions.

- RNC.Nokia.UMTS.dsp_service
- RNC.Nokia.UMTS.hspa_ifho_meas
- RNC.Nokia.UMTS.interrnc.forward
- RNC.Nokia.UMTS.interrnc.iurelreq.source
- RNC.Nokia.UMTS.interrnc.iurelreq.target
- RNC.Nokia.UMTS.interrnc.relocation.cancel
- RNC.Nokia.UMTS.interrnc.relocation.misc
- RNC.Nokia.UMTS.interrnc.relocation.source
- RNC.Nokia.UMTS.interrnc.relocation.target
- RNC.Nokia.UMTS.interrnc.relocation
- RNC.Nokia.UMTS.intrasys_hho_inter_nrt
- RNC.Nokia.UMTS.intrasys_hho_inter_rt
- RNC.Nokia.UMTS.intrasys_hho_intra_nrt
- RNC.Nokia.UMTS.intrasys_hho_intra_rt
- RNC.Nokia.UMTS.intrasys_hho_rejected_relocations
- RNC.Nokia.UMTS.location_services_agps
- RNC.Nokia.UMTS.location_services
- RNC.Nokia.UMTS.pswitch
- RNC.Nokia.UMTS.RAN_Accessibility.Location_Service
- RNC.Nokia.UMTS.RAN_Mobility.Soft_Handover
- RNC.Nokia.UMTS.RAN_Usage.Service_Level
- RNC.Nokia.UMTS.ranap_stats
- RNC.Nokia.UMTS.rlc_retransmission
- RNC.Nokia.UMTS.rnap_stats
- RNC.Nokia.UMTS.rnc_busy_hour_kpi
- RNC.Nokia.UMTS.rnc_capacity_usage
- RNC.Nokia.UMTS.rnc_olpc_measurement
- RNC.Nokia.UMTS.rnc_rlc_measurement
- RNC.Nokia.UMTS.rnsap.iu_release_request.source
- RNC.Nokia.UMTS.rnsap.iu_release_request.target
- RNC.Nokia.UMTS.rnsap.relocation.allocation
- RNC.Nokia.UMTS.rnsap.relocation.cancel_cn
- RNC.Nokia.UMTS.rnsap.relocation.cancel_msc
- RNC.Nokia.UMTS.rnsap.relocation.cancel_sgsn
- RNC.Nokia.UMTS.rnsap.relocation.misc_target
- RNC.Nokia.UMTS.rnsap.relocation.preparation
- RNC.Nokia.UMTS.rnsap.relocation
- RNC.Nokia.UMTS.sabp_measurements
- RNC.Nokia.UMTS.sccp_single_meters
- RNC.Nokia.UMTS.soft_handover.nrt
- RNC.Nokia.UMTS.soft_handover.rt
- RNC.Nokia.UMTS.user_throughput

6.34.1 RNC.Nokia.UMTS.anchoring_soft_handover

Soft handover measurements

KPI Name	Expression	Data Type	Units	Description	Aggregation
_%_cell_addition_success_to_edch_active_set	100 * {cell_addition_success_to_edch_active_set}/ ({cell_addition_attempt_req_by_ue_to_edch_as}+ {cell_addition_attempt_retry_to_edch_as})	FLOAT	%	The percentage of cells successfully added to E-DCH active set.	Average, avg, nkrttbh
cell_addition_attempt_req_by_ue_to_edch_as	nok_ach_soft_handover_tab.uaqad5d1im2ahsxr0035xkcuai	INTEGER	#	The number of cell addition attempts to E-DCH active set due to UE reporting event 1A or 1C.	Sum, nkrttbh, tot
cell_addition_attempt_retry_to_edch_as	nok_ach_soft_handover_tab.uaqad5j1im2ahsxr0035xkcuai	INTEGER	#	The number of cell addition attempts to E-DCH active set due to retry timer.	Sum, nkrttbh, tot
cell_addition_failure_on_sho_for_hsdpa_mobility	nok_ach_soft_handover_tab.xdi26lvafq2ahdvuj02uauibev	INTEGER	#	Cell Addition Requests failed on SHO for HSDPA.	Sum, nkrttbh, tot
cell_addition_request_on_sho_for_hsdpa_mobility	nok_ach_soft_handover_tab.umovinh1im2ahsxr0035xkcuai	INTEGER	#	Cell Addition Requests on SHO for HSDPA.	Sum, nkrttbh, tot
cell_addition_success_to_edch_active_set	nok_ach_soft_handover_tab.uaqad5f1im2ahsxr0035xkcuai	INTEGER	#	The number of cells successfully added to E-DCH active set.	Sum, nkrttbh, tot
cell_deletion_failure_on_sho_for_hsdpa_mobility	nok_ach_soft_handover_tab.xdi26lxafq2ahdvuj02uauibev	INTEGER	#	Cell Deletion Requests failed on SHO for HSDPA.	Sum, nkrttbh, tot
cell_deletion_request_on_sho_for_hsdpa_mobility	nok_ach_soft_handover_tab.xdi26lrafq2ahdvuj02uauibev	INTEGER	#	Cell Deletion Requests on SHO for HSDPA.	Sum, nkrttbh, tot
cell_not_added_to_	nok_ach_soft_handover_ta	INTEG	#	The number of	Sum,

edch_active_set_but_added_to_dch_as	b.uaqad5h1im2ahsxr0035xkcuai	ER		times when the cell could not be added to E-DCH active set but addition to DCH active set was successful.	nkrttbh, tot
cell_replacement_failure_on_sho_for_hsdpa_mobility	nok_ach_soft_handover_tab.xdi26m0afq2ahdvuj02uauibev	INTEGER	#	Cell Replacement Requests failed on SHO for HSDPA.	Sum, nkrttbh, tot
cell_replacement_request_on_sho_for_hsdpa_mobility	nok_ach_soft_handover_tab.xdi26ltafq2ahdvuj02uauibev	INTEGER	#	Cell Replacement Requests on SHO for HSDPA.	Sum, nkrttbh, tot
cell_specific_cpich_ec_no_class_0	nok_ach_soft_handover_tab.xdi26ktafq2ahdvuj02uauibev	INTEGER	#	The number of received 1A intra-frequency measurement reports in which the CPICH Ec/No value is inside Class 0 range. The CPICH Ec/No measuring is done only for the best cell in the active set, i.e. the cell in the AS with the highest Ec/No value.	Sum, nkrttbh, tot
cell_specific_cpich_ec_no_class_1	nok_ach_soft_handover_tab.xdi26kvafq2ahdvuj02uauibev	INTEGER	#	The number of received 1A intra-frequency measurement reports in which the CPICH Ec/No value is inside Class 1 range. The CPICH Ec/No measuring is done only for the best cell in the active set, i.e. the cell in the AS with the highest Ec/No	Sum, nkrttbh, tot

				value.	
cell_specific_cpich_ec_no_class_2	nok_ach_soft_handover_tab.xdi26kxafq2ahdvuj02uauibev	INTEGER	#	The number of received 1A intra-frequency measurement reports in which the CPICH Ec/No value is inside Class 2 range. The CPICH Ec/No measuring is done only for the best cell in the active set, i.e. the cell in the AS with the highest Ec/No value.	Sum, nkrttbh, tot
cell_specific_cpich_ec_no_class_3	nok_ach_soft_handover_tab.xdi26l0afq2ahdvuj02uauibev	INTEGER	#	The number of received 1A intra-frequency measurement reports in which the CPICH Ec/No value is inside Class 3 range. The CPICH Ec/No measuring is done only for the best cell in the active set, i.e. the cell in the AS with the highest Ec/No value.	Sum, nkrttbh, tot
cell_specific_cpich_ec_no_class_4	nok_ach_soft_handover_tab.xdi26l2afq2ahdvuj02uauibev	INTEGER	#	The number of received 1A intra-frequency measurement reports in which the CPICH Ec/No	Sum, nkrttbh, tot

				value is inside Class 4 range. The CPICH Ec/No measuring is done only for the best cell in the active set, i.e. the cell in the AS with the highest Ec/No value.	
cell_specific_cpich_ec_no_class_5	nok_ach_soft_handover_tab.xdi26l4afq2ahdvuj02uauibev	INTEGER	#	The number of received 1A intra-frequency measurement reports in which the CPICH Ec/No value is inside Class 5 range. The CPICH Ec/No measuring is done only for the best cell in the active set, i.e. the cell in the AS with the highest Ec/No value.	Sum, nkrttbh, tot
cell_specific_cpich_ec_no_class_6	nok_ach_soft_handover_tab.xdi26l6afq2ahdvuj02uauibev	INTEGER	#	The number of received 1A intra-frequency measurement reports in which the CPICH Ec/No value is inside Class 6 range. The CPICH Ec/No measuring is done only for the best cell in the active set, i.e. the cell in the AS with the highest Ec/No value.	Sum, nkrttbh, tot
cell_specific_cpich_ec_no_class_7	nok_ach_soft_handover_tab.xdi26lbafq2ahdvuj02uaui	INTEGER	#	The number of received 1A intra-	Sum, nkrttbh,

	bev			frequency measurement reports in which the CPICH Ec/No value is inside Class 7 range. The CPICH Ec/No measuring is done only for the best cell in the active set, i.e. the cell in the AS with the highest Ec/No value.	tot
cell_specific_cpich_ec_no_class_8	nok_ach_soft_handover_tab.xdi26ldafq2ahdvuj02uauibev	INTEGER	#	The number of received 1A intra-frequency measurement reports in which the CPICH Ec/No value is inside Class 8 range. The CPICH Ec/No measuring is done only for the best cell in the active set, i.e. the cell in the AS with the highest Ec/No value.	Sum, nkrttbh, tot
cell_specific_cpich_ec_no_class_9	nok_ach_soft_handover_tab.xdi26lfafq2ahdvuj02uauibev	INTEGER	#	The number of received 1A intra-frequency measurement reports in which the CPICH Ec/No value is inside Class 9 range. The CPICH Ec/No measuring is done	Sum, nkrttbh, tot

				only for the best cell in the active set, i.e. the cell in the AS with the highest Ec/No value.	
high_ue_rx_tx_time_difference_for_hsdpa_mobility	nok_ach_soft_handover_tab.xdi26m6afq2ahdvuj02uauibev	INTEGER	#	The number of high UE Rx- Tx time difference for HSDPA mobility.	Sum, nkrttbh, tot
inter_rnc_soft_handover_duration_on_the_srnc_side_for_hsdpa_mobility	nok_ach_soft_handover_tab.xdi26lpafq2ahdvuj02uauibev	INTEGER	0.1s	Inter-RNC soft HO duration on the SRNC side for HSDPA.	Sum, nkrttbh, tot
low_ue_rx_tx_time_difference_for_hsdpa_mobility	nok_ach_soft_handover_tab.xdi26mbafq2ahdvuj02uauibev	INTEGER	#	The number of low UE Rx- Tx time difference for HSDPA mobility.	Sum, nkrttbh, tot
one_cell_in_the_active_set_for_hsdpa_mobility	nok_ach_soft_handover_tab.xdi26lhafq2ahdvuj02uauibev	INTEGER	0.1s	The sum of time periods the one cell in Active Set during the HSDPA SHO.	Sum, nkrttbh, tot
setup_fail_sho_branch_bts	nok_ach_soft_handover_tab.w2cvnrtdnq2aicsdb02uaxybdk	INTEGER	#	The number of soft handover branch setup failures due to BTS. This counter is updated for the cell(s) where the failure occurred.	Sum, nkrttbh, tot
setup_fail_sho_branch_iub	nok_ach_soft_handover_tab.w2cvnrvdnq2aicsdb02uaxybdk	INTEGER	#	The number of soft handover branch setup failures due to Iub transmission. This counter is updated for the cell(s) where the failure occurred.	Sum, nkrttbh, tot
softer_handover_duration_on_the_srnc	nok_ach_soft_handover_tab.xdi26lnafq2ahdvuj02uaui	INTEGER	0.1s	Softer HO duration on the SRNC side	Sum, nkrttbh,

_side_for_hsdpa_mobility	bev			for HSDPA.	tot
softer_handover_duration_on_the_srnc_side_for_hsupa_mobility	nok_ach_soft_handover_tab.uaqad5b1im2ahsxr0035xkcuai	INTEGER	#	E-DCH softer handover duration.	Sum, nkrttbh, tot
successful_active_set_updates_on_sho_for_hsdpa_mobility	nok_ach_soft_handover_tab.xdi26m2afq2ahdvuj02uauibev	INTEGER	#	The number of successful Active Set Updates on SHO for HSDPA.	Sum, nkrttbh, tot
three_cells_in_the_active_set_for_hsdpa_mobility	nok_ach_soft_handover_tab.xdi26llafq2ahdvuj02uauibev	INTEGER	0.1s	The sum of time periods three cells in Active Set during the HSDPA SHO.	Sum, nkrttbh, tot
two_cells_in_the_active_set_for_hsdpa_mobility	nok_ach_soft_handover_tab.xdi26ljafq2ahdvuj02uauibev	INTEGER	0.1s	The sum of time periods two cells in Active Set during the HSDPA SHO.	Sum, nkrttbh, tot
unsuccessful_active_set_updates_on_sho_for_hsdpa_mobility	nok_ach_soft_handover_tab.xdi26m4afq2ahdvuj02uauibev	INTEGER	#	The number of unsuccessful Active Set Updates on SHO for HSDPA.	Sum, nkrttbh, tot

6.34.2 RNC.Nokia.UMTS.anchoring.incoming_handovers_relocations

RNC anchoring:Incoming handover and relocation statistics

KPI Name	Expression	Data Type	Units	Description	Aggregation
number_of_int_rnc_inter_freq_hho_attempts	nok_ach_inc_ho_reloc_tab.taauxmxahl26seccb00hw01qk4	INT8	#	A number of inter RNC inter frequency hard handover attempts	Sum, nkrttbh, tot
number_of_inter_rnc_intra_freq_hho_at	nok_ach_inc_ho_reloc_tab.ta5v2nhahl26seccb00hw01	INT8	#	A number of inter RNC intra	Sum, nkrttbh,

tempts	qk4			frequency hard handover attempts	tot
number_of_inter_sys_hho_attempts	nok_ach_inc_ho_reloc_tab.tad2ja2ahl26seccb00hw01qk4	INT8	#	A number of inter system hard handover attempts	Sum, nkrttbh, tot
number_of_srnc_relocation_attempts	nok_ach_inc_ho_reloc_tab.ta3tyd6ahl26seccb00hw01qk4	INT8	#	A number of SRNC relocation attempts	Sum, nkrttbh, tot
number_of_unsuccessful_int_rnc_inter_freq_hho_attempts	nok_ach_inc_ho_reloc_tab.tabw3tpahl26seccb00hw01qk4	INT8	#	A number of unsuccessful inter RNC inter frequency hard handover attempts	Sum, nkrttbh, tot
number_of_unsuccessful_inter_rnc_intra_freq_hho_attempts	nok_ach_inc_ho_reloc_tab.ta6vi06ahl26seccb00hw01qk4	INT8	#	A number of unsuccessful inter RNC intra frequency hard handover attempts	Sum, nkrttbh, tot
number_of_unsuccessful_inter_sys_hho_attempts	nok_ach_inc_ho_reloc_tab.tae6pmtahl26seccb00hw01qk4	INT8	#	A number of unsuccessful inter system hard handover attempts	Sum, nkrttbh, tot
number_of_unsuccessful_srnc_relocation_attempts	nok_ach_inc_ho_reloc_tab.ta4vbqxahl26seccb00hw01qk4	INT8	#	A number of unsuccessful SRNC relocation attempts	Sum, nkrttbh, tot

6.34.3 RNC.Nokia.UMTS.anchoring.intrasys_hho_scc

HS-DSCH handover measurements

KPI Name	Expression	Data Type	Units	Description	Aggregation
_%_unsuccessful_inter_rnc_hho_caused_by_hspa_scc	100 * {unsuccessful_inter_rnc_hho_caused_by_hspa_scc}/{inter_rnc_hho_attempts_due_to_hspa_scc}	FLOAT	%	The percentage of failed inter-RNC hard handovers triggered by HSPA serving cell change. This counter is updated only for the HSPA serving cell before the HHO operation.	Average, avg, nkrttbh

edch_downgraded_to_dch_in_scc	nok_ach_intrasys_hhoscc_tab.uaqadbf1im2ahsxr0035xkcuai	INTEGER	#	The number of successful HSDSCH serving cell changes where E-DCH uplink is downgraded to DCH.	Sum, nkrttbh, tot
edch_inter_bts_serving_cell_changes_successful	nok_ach_intrasys_hhoscc_tab.uaqadbd1im2ahsxr0035xkcuai	INTEGER	#	The number of successfully completed inter-BTS E-DCH serving cell changes.	Sum, nkrttbh, tot
edch_intra_bts_serving_cell_changes_successful	nok_ach_intrasys_hhoscc_tab.uaqadbb1im2ahsxr0035xkcuai	INTEGER	#	The number of successfully completed intra-BTS E-DCH serving cell changes.	Sum, nkrttbh, tot
edch_serving_cell_changes_started	nok_ach_intrasys_hhoscc_tab.uaqadb61im2ahsxr0035xkcuai	INTEGER	#	The number of E-DCH serving cell change attempts.	Sum, nkrttbh, tot
hs_dsch_inter_bts_serving_cell_changes_successful	nok_ach_intrasys_hhoscc_tab.xvm0pnpafq2ahdvuj02uauibev	INTEGER	#	The number of successfully completed inter-BTS HS-DSCH serving cell changes.	Sum, nkrttbh, tot
hs_dsch_intra_bts_serving_cell_changes_successful	nok_ach_intrasys_hhoscc_tab.xvm0pnnafq2ahdvuj02uauibev	INTEGER	#	The number of successfully completed intra-BTS HS-DSCH serving cell changes.	Sum, nkrttbh, tot
hs_dsch_serving_cell_changes_failed_due_to_ac	nok_ach_intrasys_hhoscc_tab.xvm0pnjafq2ahdvuj02uauibev	INTEGER	#	The number of HS-DSCH serving cell change failures due to admission control, for example because the maximum number of HSDPA users were already allocated in	Sum, nkrttbh, tot

				the target cells.	
hs_dsch_serving_cell_changes_failed_due_to_bts	nok_ach_intrasys_hhoscc_tab.xvm0pnfafq2ahdvuj02uauibev	INTEGER	#	The number of HS-DSCH serving cell change failures due to BTS.	Sum, nkrttbh, tot
hs_dsch_serving_cell_changes_failed_due_to_other_reason	nok_ach_intrasys_hhoscc_tab.xvm0pnlafq2ahdvuj02uauibev	INTEGER	#	The number of HS-DSCH serving cell change failures due to other reasons.	Sum, nkrttbh, tot
hs_dsch_serving_cell_changes_failed_due_to_transport	nok_ach_intrasys_hhoscc_tab.xvm0pnhafq2ahdvuj02uauibev	INTEGER	#	The number of HS-DSCH serving cell change failures due to transport.	Sum, nkrttbh, tot
hs_dsch_serving_cell_changes_failed_due_to_ue	nok_ach_intrasys_hhoscc_tab.xvm0pndafq2ahdvuj02uauibev	INTEGER	#	The number of HS-DSCH serving cell change failures due to UE.	Sum, nkrttbh, tot
hs_dsch_serving_cell_changes_prevented_due_to_timer	nok_ach_intrasys_hhoscc_tab.xvm0pnrafq2ahdvuj02uauibev	INTEGER	#	The number of HS-DSCH serving cell changes prevented due to timer HSDPACellChangeMinInterval for minimum interval between HS-DSCH serving cell changes.	Sum, nkrttbh, tot
hs_dsch_serving_cell_changes_started_due_to_active_set_update	nok_ach_intrasys_hhoscc_tab.xvm0pn6afq2ahdvuj02uauibev	INTEGER	#	The number of HS-DSCH serving cell change attempts started due to Active Set Update (1B/1C).	Sum, nkrttbh, tot
hs_dsch_serving_cell_changes_started_due_to_cpich_ec_no	nok_ach_intrasys_hhoscc_tab.xvm0pn2afq2ahdvuj02uauibev	INTEGER	#	The number of HS-DSCH serving cell change attempts started due to CPICH Ec/No.	Sum, nkrttbh, tot
hs_dsch_serving_cell_changes_started_due_to_other_reason	nok_ach_intrasys_hhoscc_tab.xvm0pnbafq2ahdvuj02uauibev	INTEGER	#	The number of HS-DSCH serving cell change attempts started due to other reason (e.g. due to RL	Sum, nkrttbh, tot

				failure / Rx-Tx time difference).	
hs_dsch_serving_cell_changes_started_due_to_ul_sir_error	nok_ach_intrasys_hhoscc_tab.xvm0pn4afq2ahdvuj02uauibev	INTEGER	#	The number of HS-DSCH serving cell change attempts started due to UL SIR error.	Sum, nkrttbh, tot
inter_rnc_hho_attempts_due_to_hspa_scc	nok_ach_intrasys_hhoscc_tab.uaqadbh1im2ahsxr0035xkcuai	INTEGER	#	The number of inter-RNC hard handover attempts due to HSPA serving cell change. This counter is updated only for the HSPA serving cell before the HHO operation.	Sum, nkrttbh, tot
successful_inter_rnc_hho_due_to_hspa_scc	nok_ach_intrasys_hhoscc_tab.uaqadbj1im2ahsxr0035xkcuai	INTEGER	#	The number of successful outgoing Inter-RNC hard handovers triggered by HSPA serving cell change. This counter is updated only for the HSPA serving cell before the HHO operation.	Sum, nkrttbh, tot
unsuccessful_inter_rnc_hho_caused_by_hspa_scc	nok_ach_intrasys_hhoscc_tab.uaqadbl1im2ahsxr0035xkcuai	INTEGER	#	The number of failed inter-RNC hard handovers triggered by HSPA serving cell change. This counter is updated only for the HSPA serving cell before the HHO operation.	Sum, nkrttbh, tot

6.34.4 RNC.Nokia.UMTS.anchoring.multirab.access_complete

RNC anchoring:Multi-RAB: Access completions statistics

KPI Name	Expression	Data Type	Units	Description	Aggregation
rab_access_complete_2_ps_nrt_background_and_background	nok_ach_mrab_acc_comp_tab.tao4r2lahl26seccb00hw01qk4	INT8	#	The number of RAB access completed for a multi-RAB combination "2 PS NRT (BACKGROUND and BACKGROUND)".	Sum, nkrttbh, tot
rab_access_complete_2_ps_nrt_interactive_and_background	nok_ach_mrab_acc_comp_tab.tan0y36ahl26seccb00hw01qk4	INT8	#	The number of RAB access completed for a multi-RAB combination "2 PS NRT (INTERACTIVE and BACKGROUND)".	Sum, nkrttbh, tot
rab_access_complete_2_ps_nrt_interactive_and_interactive	nok_ach_mrab_acc_comp_tab.talw2khahl26seccb00hw01qk4	INT8	#	The number of RAB access completed for a multi-RAB combination "2 PS NRT (INTERACTIVE and INTERACTIVE)".	Sum, nkrttbh, tot
rab_access_complete_3_ps_nrt	nok_ach_mrab_acc_comp_tab.tapccthahl26seccb00hw01qk4	INT8	#	The number of RAB access completed for a multi-RAB combination "3 PS NRT".	Sum, nkrttbh, tot
rab_access_complete_cs_amr_12_2_1_ps_nrt_64_128	nok_ach_mrab_acc_comp_tab.tagdknxahl26seccb00hw01qk4	INT8	#	The number of RAB access completed for a multi-RAB combination "CS AMR 12.2+1PS NRT(64/128)".	Sum, nkrttbh, tot
rab_access_complete_cs_amr_12_2_1	nok_ach_mrab_acc_comp_tab.r0hxegdhpt2aibkmj035	INTEGER	#	The number of RAB access completed for	Sum

_ps_nrt_64_384	xkctln			a multi-RAB combination CS AMR 12.2 + 1PS NRT(64/384).	
rab_access_complete_cs_amr_12_2_1_ps_nrt_64_64	nok_ach_mrab_acc_comp_tab.tafd0kxahl26seccb00hw01qk4	INT8	#	The number of RAB access completed for a multi-RAB combination "CS AMR 12.2+1PS NRT(64/64)".	Sum, nkrttbh, tot
rab_access_complete_cs_amr_12_2_2_ps_nrt_background_and_background	nok_ach_mrab_acc_comp_tab.tajnpedahl26seccb00hw01qk4	INT8	#	The number of RAB access completed for a multi-RAB combination "CS AMR 12.2+2PS NRT(BACKGROUND and BACKGROUND)".	Sum, nkrttbh, tot
rab_access_complete_cs_amr_12_2_2_ps_nrt_interactive_and_background	nok_ach_mrab_acc_comp_tab.taik43lahl26seccb00hw01qk4	INT8	#	The number of RAB access completed for a multi-RAB combination "CS AMR 12.2+2PS NRT(INTERACTIVE and BACKGROUND)".	Sum, nkrttbh, tot
rab_access_complete_cs_amr_12_2_2_ps_nrt_interactive_and_interactive	nok_ach_mrab_acc_comp_tab.tahic56ahl26seccb00hw01qk4	INT8	#	The number of RAB access completed for a multi-RAB combination "CS AMR 12.2+2PS NRT(INTERACTIVE and INTERACTIVE)".	Sum, nkrttbh, tot
rab_access_complete_cs_amr_12_2_3_ps_nrt	nok_ach_mrab_acc_comp_tab.taksb3tahl26seccb00hw01qk4	INT8	#	The number of RAB access completed for a multi-RAB combination "CS	Sum, nkrttbh, tot

This edition applies to IBM® Tivoli® Netcool® Performance Manager for Wireless and to all subsequent releases and modifications until otherwise indicated in new editions.

				AMR 12.2 + 3 PS NRT".	
rab_access_complete_cs_amr_multimode_1_ps_nrt_64_128	nok_ach_mrab_acc_comp_tab.wxjpky4afq2ahdvuj02uauibev	INTEGER	#	The number of RAB access completed for a multi-RAB combination "CS AMR MULTIMODE + 1 PS NRT (64/128)".	Sum, nkrttbh, tot
rab_access_complete_cs_amr_multimode_1_ps_nrt_64_64	nok_ach_mrab_acc_comp_tab.wxjpky2afq2ahdvuj02uauibev	INTEGER	#	The number of RAB access completed for a multi-RAB combination "CS AMR MULTIMODE + 1 PS NRT (64/64)".	Sum, nkrttbh, tot
rab_access_complete_cs_amr_multimode_2_ps_nrt_background_and_background	nok_ach_mrab_acc_comp_tab.wxjpkydafq2ahdvuj02uauibev	INTEGER	#	The number of RAB access completed for a multi-RAB combination "CS AMR MULTIMODE + 2 PS NRT (BACKGROUND and BACKGROUND)".	Sum, nkrttbh, tot
rab_access_complete_cs_amr_multimode_2_ps_nrt_interactive_and_background	nok_ach_mrab_acc_comp_tab.wxjpkybafq2ahdvuj02uauibev	INTEGER	#	The number of RAB access completed for a multi-RAB combination "CS AMR MULTIMODE + 2 PS NRT (INTERACTIVE and BACKGROUND)".	Sum, nkrttbh, tot
rab_access_complete_cs_amr_multimode_2_ps_nrt_interactive_and_interactive	nok_ach_mrab_acc_comp_tab.wxjpky6afq2ahdvuj02uauibev	INTEGER	#	The number of RAB access completed for a multi-RAB combination "CS AMR MULTIMODE + 2 PS NRT	Sum, nkrttbh, tot

				(INTERACTIVE and INTERACTIVE)".	
rab_access_complete_cs_amr_multimode_3_ps_nrt	nok_ach_mrab_acc_comp_tab.wxjpkyfafq2ahdvuj02uauibev	INTEGER	#	The number of RAB access completed for a multi-RAB combination "CS AMR MULTIMODE + 3 PS NRT".	Sum, nkrttbh, tot
rab_access_complete_cs_conversational_1_ps_nrt_64_128	nok_ach_mrab_acc_comp_tab.tayrwwhahl26seccb00hw01qk4	INT8	#	The number of RAB access completed for a multi-RAB combination "CS CONVERSATIONAL + 1 PS NRT (64/128)".	Sum, nkrttbh, tot
rab_access_complete_cs_conversational_1_ps_nrt_64_384	nok_ach_mrab_acc_comp_tab.tb0wg42ahl26seccb00hw01qk4	INT8	#	The number of RAB access completed for a multi-RAB combination "CS CONVERSATIONAL + 1 PS NRT (64/384)".	Sum, nkrttbh, tot
rab_access_complete_cs_conversational_1_ps_nrt_64_64	nok_ach_mrab_acc_comp_tab.taxna16ahl26seccb00hw01qk4	INT8	#	The number of RAB access completed for a multi-RAB combination "CS CONVERSATIONAL + 1 PS NRT (64/64)".	Sum, nkrttbh, tot
rab_access_complete_ps_stream_guar_equals_max_1_ps_nrt_64_128	nok_ach_mrab_acc_comp_tab.taridmhahl26seccb00hw01qk4	INT8	#	The number of RAB access complete for a multi- RAB combination "PS Streaming with guaranteed bit rate the same as	Sum, nkrttbh, tot

				maximum bit rate" + "PS NRT (64 kpbs uplink/128 kbps downlink)".	
rab_access_complete_ps_stream_guar_equals_max_1_ps_nrt_64_384	nok_ach_mrab_acc_comp_tab.tasln3tahl26seccb00hw01qk4	INT8	#	The number of RAB access complete for a multi- RAB combination "PS Streaming with guaranteed bit rate the same as maximum bit rate" + "PS NRT (64 kpbs uplink/384 kbps downlink)".	Sum, nkrttbh, tot
rab_access_complete_ps_stream_guar_equals_max_1_ps_nrt_64_64	nok_ach_mrab_acc_comp_tab.taqedtlahl26seccb00hw01qk4	INT8	#	The number of RAB access complete for a multi- RAB combination "PS Streaming with guaranteed bit rate the same as maximum bit rate" + "PS NRT (64 kpbs uplink/64 kbps downlink)".	Sum, nkrttbh, tot
rab_access_complete_ps_stream_guar_less_than_max_1_ps_nrt_64_128	nok_ach_mrab_acc_comp_tab.tavdsy6ahl26seccb00hw01qk4	INT8	#	The number of RAB access complete for a multi- RAB combination "PS Streaming with guaranteed bit rate less than maximum bit rate" + "PS NRT (64 kpbs uplink/128 kbps downlink)".	Sum, nkrttbh, tot
rab_access_complete_ps_stream_guar_less_than_max_1_ps_nrt_64_384	nok_ach_mrab_acc_comp_tab.tawinq6ahl26seccb00hw01qk4	INT8	#	The number of RAB access complete for a multi- RAB combination "PS Streaming with guaranteed bit rate less than maximum	Sum, nkrttbh, tot

				bit rate" + "PS NRT (64 kpbs uplink/384 kbps downlink)".	
rab_access_complete_ps_stream_guar_less_than_max_1_ps_nrt_64_64	nok_ach_mrab_acc_comp_tab.tau4gqhahl26seccb00hw01qk4	INT8	#	The number of RAB access complete for a multi- RAB combination "PS Streaming with guaranteed bit rate less than maximum bit rate" + "PS NRT (64 kpbs uplink/64 kbps downlink)".	Sum, nkrttbh, tot

6.34.5 RNC.Nokia.UMTS.anchoring.multirab.active_complete

RNC anchoring:Multi-RAB: Active failures, completions and releases statistics

KPI Name	Expression	Data Type	Units	Description	Aggregation
rab_act_fail_for_multi_rab_with_amr_and_cs_conv_data	nok_ach_mrab_act_comp_tab.tb36uf6ahl26seccb00hw01qk4	INT8	#	Number of RAB active failures for multi RAB with CS conversational data and PS NRT connections	Sum, nkrttbh, tot
rab_act_fail_for_multi_rab_with_amr_and_cs_streaming_data	nok_ach_mrab_act_comp_tab.tb4cr02ahl26seccb00hw01qk4	INT8	#	Number of RAB active failures for multi RAB with CS streaming data and PS NRT connections	Sum, nkrttbh, tot
rab_act_fail_for_multi_rab_with_amr_and_nrt	nok_ach_mrab_act_comp_tab.tb223glahl26seccb00hw01qk4	INT8	#	Number of RAB active failures for multi RAB with AMR and PS NRT connections	Sum, nkrttbh, tot
rab_act_fail_for_m	nok_ach_mrab_act_comp_t	INT8	#	Number of active	Sum,

ulti_rab_with_multiple_nrt	ab.tb5g4uxahl26seccb00hw01qk4			failures for multi RAB with multiple PS NRT connections	nkrttbh, tot
rab_active_complete_2_ps_nrt_background_and_background	nok_ach_mrab_act_comp_tab.tbii1atahl26seccb00hw01qk4	INT8	#	The number of RAB active completions and active releases for the multi-RAB combination "2 PS NRT (BACKGROUND and BACKGROUND)".	Sum, nkrttbh, tot
rab_active_complete_2_ps_nrt_interactive_and_background	nok_ach_mrab_act_comp_tab.tbhdbt6ahl26seccb00hw01qk4	INT8	#	The number of RAB active completions and active releases for the multi-RAB combination "2 PS NRT (INTERACTIVE and BACKGROUND)".	Sum, nkrttbh, tot
rab_active_complete_2_ps_nrt_interactive_and_interactive	nok_ach_mrab_act_comp_tab.tbgabbpahl26seccb00hw01qk4	INT8	#	The number of RAB active completions and active releases for the multi-RAB combination "2 PS NRT (INTERACTIVE and INTERACTIVE)".	Sum, nkrttbh, tot
rab_active_complete_3_ps_nrt	nok_ach_mrab_act_comp_tab.tbjmd6hahl26seccb00hw01qk4	INT8	#	The number of RAB active completions and active releases for the multi-RAB combination "3 PS NRT".	Sum, nkrttbh, tot
rab_active_complete_cs_amr_12_2_1_ps_nrt_64_128	nok_ach_mrab_act_comp_tab.tbalk4pahl26seccb00hw01qk4	INT8	#	The number of RAB active completions and active releases for the multi-RAB combination "CS AMR 12.2 + 1 PS NRT (64/128)".	Sum, nkrttbh, tot

rab_active_complete_cs_amr_12_2_1_ps_nrt_64_384	nok_ach_mrab_act_comp_tab.r0hxegfhpt2aibkmj035xkctln	INTEGER	#	The number of RAB active completions and active releases for the multi-RAB combination CS AMR 12.2 + 1 PS NRT (64/384).	Sum
rab_active_complete_cs_amr_12_2_1_ps_nrt_64_64	nok_ach_mrab_act_comp_tab.tb6kl42ahl26seccb00hw01qk4	INT8	#	The number of RAB active completions and active releases for the multi-RAB combination "CS AMR 12.2 + 1 PS NRT (64/64)".	Sum, nkrttbh, tot
rab_active_complete_cs_amr_12_2_2_ps_nrt_background_and_background	nok_ach_mrab_act_comp_tab.tbdyowhahl26seccb00hw01qk4	INT8	#	The number of RAB active completions and active releases for the multi-RAB combination "CS AMR 12.2 + 2 PS NRT (BACKGROUND and BACKGROUND)".	Sum, nkrttbh, tot
rab_active_complete_cs_amr_12_2_2_ps_nrt_interactive_and_background	nok_ach_mrab_act_comp_tab.tbcy0btahl26seccb00hw01qk4	INT8	#	The number of RAB active completions and active releases for the multi-RAB combination "CS AMR 12.2 + 2 PS NRT (INTERACTIVE and BACKGROUND)".	Sum, nkrttbh, tot
rab_active_complete_cs_amr_12_2_2_ps_nrt_interactive_and_interactive	nok_ach_mrab_act_comp_tab.tbbpkexahl26seccb00hw01qk4	INT8	#	The number of RAB active completions and active releases for the multi-RAB	Sum, nkrttbh, tot

This edition applies to IBM® Tivoli® Netcool® Performance Manager for Wireless and to all subsequent releases and modifications until otherwise indicated in new editions.

				combination "CS AMR 12.2 + 2 PS NRT (INTERACTIVE and INTERACTIVE)".	
rab_active_complete_cs_amr_12_2_3_ps_nrt	nok_ach_mrab_act_comp_tab.tbf4t6hahl26seccb00hw01qk4	INT8	#	The number of RAB active completions and active releases for the multi-RAB combination "CS AMR 12.2 + 3 PS NRT".	Sum, nkrttbh, tot
rab_active_complete_cs_amr_multimode_1_ps_nrt_64_128	nok_ach_mrab_act_comp_tab.wxjpkylafq2ahdvuj02uauibev	INTEGER	#	The number of RAB active completions and active releases for the multi-RAB combination "CS AMR MULTIMODE + 1 PS NRT (64/128)".	Sum, nkrttbh, tot
rab_active_complete_cs_amr_multimode_1_ps_nrt_64_64	nok_ach_mrab_act_comp_tab.wxjpkyjafq2ahdvuj02uauibev	INTEGER	#	The number of RAB active completions and active releases for the multi-RAB combination "CS AMR MULTIMODE + 1 PS NRT (64/64)".	Sum, nkrttbh, tot
rab_active_complete_cs_amr_multimode_2_ps_nrt_background_and_background	nok_ach_mrab_act_comp_tab.wxjpkyrafq2ahdvuj02uauibev	INTEGER	#	The number of RAB active completions and active releases for the multi-RAB combination "CS AMR MULTIMODE + 2 PS NRT (BACKGROUND and BACKGROUND)".	Sum, nkrttbh, tot
rab_active_complete_cs_amr_multimode_2_ps_nrt_intera	nok_ach_mrab_act_comp_tab.wxjpkypafq2ahdvuj02uauibev	INTEGER	#	The number of RAB active completions and active releases	Sum, nkrttbh, tot

ctive_and_background				for the multi-RAB combination "CS AMR MULTIMODE + 2 PS NRT (INTERACTIVE and BACKGROUND)".	
rab_active_complete_cs_amr_multimode_2_ps_nrt_interactive_and_interactive	nok_ach_mrab_act_comp_tab.wxjpkynafq2ahdvuj02uauibev	INTEGER	#	The number of RAB active completions and active releases for the multi-RAB combination "CS AMR MULTIMODE + 2 PS NRT (INTERACTIVE and INTERACTIVE)".	Sum, nkrttbh, tot
rab_active_complete_cs_amr_multimode_3_ps_nrt	nok_ach_mrab_act_comp_tab.wxjpkytafq2ahdvuj02uauibev	INTEGER	#	The number of RAB active completions and active releases for the multi-RAB combination "CS AMR MULTIMODE + 3 PS NRT".	Sum, nkrttbh, tot
rab_active_complete_cs_amr_multimode	nok_ach_mrab_act_comp_tab.wxjpkyhafq2ahdvuj02uauibev	INTEGER	#	The number of RAB active completions and active releases for CS AMR Multimode.	Sum, nkrttbh, tot
rab_active_complete_cs_conversational_1_ps_nrt_64_128	nok_ach_mrab_act_comp_tab.tbsuec6ahl26seccb00hw01qk4	INT8	#	The number of RAB active completions and active releases for the multi-RAB combination "CS CONVERSATION	Sum, nkrttbh, tot

This edition applies to IBM® Tivoli® Netcool® Performance Manager for Wireless and to all subsequent releases and modifications until otherwise indicated in new editions.

				AL + 1 PS NRT (64 kbps uplink/128 kbps downlink)".	
rab_active_complete_cs_conversational_1_ps_nrt_64_384	nok_ach_mrab_act_comp_tab.tbtyvilahl26seccb00hw01qk4	INT8	#	The number of RAB active completions and active releases for the multi-RAB combination "CS CONVERSATIONAL + 1 PS NRT (64 kbps uplink/384 kbps downlink)".	Sum, nkrttbh, tot
rab_active_complete_cs_conversational_1_ps_nrt_64_64	nok_ach_mrab_act_comp_tab.tbropllahl26seccb00hw01qk4	INT8	#	The number of RAB active completions and active releases for the multi-RAB combination "CS CONVERSATIONAL + 1 PS NRT (64 kbps uplink/64 kbps downlink)".	Sum, nkrttbh, tot
rab_active_complete_ps_stream_guar_equals_max_1_ps_nrt_64_128	nok_ach_mrab_act_comp_tab.tbludqhahl26seccb00hw01qk4	INT8	#	The number of RAB active completions and active releases for the multi-RAB combination "PS Streaming RAB with guaranteed bit rate equal to max bit rate + 1 PS NRT RAB (64kbps uplink/128kbps downlink)".	Sum, nkrttbh, tot
rab_active_complete_ps_stream_guar_equals_max_1_ps_nrt_64_384	nok_ach_mrab_act_comp_tab.tbn0ek6ahl26seccb00hw01qk4	INT8	#	The number of RAB active completions and active releases for the multi-RAB combination "PS Streaming RAB with guaranteed bit rate equal to max bit rate + 1 PS NRT RAB (64 kbps	Sum, nkrttbh, tot

				uplink/384kbps downlink)".	
rab_active_complete_ps_stream_guar_equals_max_1_ps_nrt_64_64	nok_ach_mrab_act_comp_tab.tbkqeqlahl26seccb00hw01qk4	INT8	#	The number of RAB active completions for the multi-RAB combination "PS Streaming RAB with guaranteed bit rate equal to max bit rate + 1 PS NRT RAB(64 kbps uplink/64 kbps downlink)".	Sum, nkrttbh, tot
rab_active_complete_ps_stream_guar_less_than_max_1_ps_nrt_64_128	nok_ach_mrab_act_comp_tab.tbpdtahahl26seccb00hw01qk4	INT8	#	The number of RAB active completions and active releases for the multi-RAB combination "PS Streaming RAB with guaranteed bit rate less than max bit rate + 1 PS NRT RAB (64 kbps uplink/128 kbps downlink)".	Sum, nkrttbh, tot
rab_active_complete_ps_stream_guar_less_than_max_1_ps_nrt_64_384	nok_ach_mrab_act_comp_tab.tbqji3pahl26seccb00hw01qk4	INT8	#	The number of RAB active completions and active releases for the multi-RAB combination "PS Streaming RAB with guaranteed bit rate less than max bit rate + 1 PS NRT RAB (64 kbps uplink/384 kbps downlink)".	Sum, nkrttbh, tot
rab_active_complet	nok_ach_mrab_act_comp_t	INT8	#	The number of RAB	Sum,

e_ps_stream_guar_less_than_max_1_ps_nrt_64_64	ab.tbo61d6ahl26seccb00hw01qk4			active completions and active releases for the multi-RAB combination "PS Streaming RAB with guaranteed bit rate less than max bit rate + 1 PS NRT RAB (64 kbps uplink/64 kbps downlink)".	nkrttbh, tot

6.34.6 RNC.Nokia.UMTS.anchoring.multirab.active_failure

Multi-RAB active failure measurements

KPI Name	Expression	Data Type	Units	Description	Aggregation
rab_active_fail_2_ps_nrt_background_and_background	nok_ach_mrab_act_fail_tab.x4iqmpfafq2ahdvuj02uauibev	INTEGER	#	The number of RAB active failures for multi RAB combination 2 PS NRT background class.	Sum, nkrttbh, tot
rab_active_fail_2_ps_nrt_interactive_and_background	nok_ach_mrab_act_fail_tab.x4iqmpdafq2ahdvuj02uauibev	INTEGER	#	The number of RAB active failures for multi RAB combination 1 PS NRT interactive class + 1 PS NRT background class.	Sum, nkrttbh, tot
rab_active_fail_2_ps_nrt_interactive_and_interactive	nok_ach_mrab_act_fail_tab.x4iqmpbafq2ahdvuj02uauibev	INTEGER	#	The number of RAB active failures for multi RAB combination 2 PS NRT interactive class.	Sum, nkrttbh, tot
rab_active_fail_3_ps_nrt	nok_ach_mrab_act_fail_tab.x4iqmphafq2ahdvuj02uauibev	INTEGER	#	The number of RAB active failures for multi RAB combination 3 PS NRT.	Sum, nkrttbh, tot

rab_active_fail_cs_amr_122_1_ps_nrt_64_128	nok_ach_mrab_act_fail_tab.x4iqmnvafq2ahdvuj02uauibev	INTEGER	#	The number of RAB active failures for multi RAB combination CS AMR 12.2 kbit/s + PS NRT 64 kbit/s uplink and 128 kbit/s downlink.	Sum, nkrttbh, tot
rab_active_fail_cs_amr_122_1_ps_nrt_64_384	nok_ach_mrab_act_fail_tab.x4iqmnxafq2ahdvuj02uauibev	INTEGER	#	The number of RAB active failures for multi RAB combination CS AMR 12.2 kbit/s + PS NRT 64 kbit/s uplink and 384 kbit/s downlink.	Sum, nkrttbh, tot
rab_active_fail_cs_amr_122_1_ps_nrt_64_64	nok_ach_mrab_act_fail_tab.x4iqmntafq2ahdvuj02uauibev	INTEGER	#	The number of RAB active failures for multi RAB combination CS AMR 12.2 kbit/s + PS NRT 64 kbit/s uplink and 64 kbit/s downlink.	Sum, nkrttbh, tot
rab_active_fail_cs_amr_122_2_ps_nrt_background_and_background	nok_ach_mrab_act_fail_tab.x4iqmo4afq2ahdvuj02uauibev	INTEGER	#	The number of RAB active failures for multi RAB combination CS AMR 12.2 kbit/s + 2 PS NRT background class.	Sum, nkrttbh, tot
rab_active_fail_cs_amr_122_2_ps_nrt_interactive_and_background	nok_ach_mrab_act_fail_tab.x4iqmo2afq2ahdvuj02uauibev	INTEGER	#	The number of RAB active failures for multi RAB combination CS AMR 12.2 kbit/s + 1 PS NRT interactive class + 1	Sum, nkrttbh, tot

This edition applies to IBM® Tivoli® Netcool® Performance Manager for Wireless and to all subsequent releases and modifications until otherwise indicated in new editions.

				PS NRT background class.	
rab_active_fail_cs_amr_122_2_ps_nrt_interactive_and_interactive	nok_ach_mrab_act_fail_tab.x4iqmo0afq2ahdvuj02uauibev	INTEGER	#	The number of RAB active failures for multi RAB combination CS AMR 12.2 kbit/s + 2 PS NRT interactive class.	Sum, nkrttbh, tot
rab_active_fail_cs_amr_122_3_ps_nrt	nok_ach_mrab_act_fail_tab.x4iqmo6afq2ahdvuj02uauibev	INTEGER	#	The number of RAB active failures for multi RAB combination CS AMR 12.2 kbit/s + 3 PS NRT.	Sum, nkrttbh, tot
rab_active_fail_cs_amr_multimode_1_ps_nrt_64_128	nok_ach_mrab_act_fail_tab.x4iqmodafq2ahdvuj02uauibev	INTEGER	#	The number of RAB active failures for multi RAB combination CS AMR Multimode + PS NRT 64 kbit/s uplink and 128 kbit/s downlink.	Sum, nkrttbh, tot
rab_active_fail_cs_amr_multimode_1_ps_nrt_64_384	nok_ach_mrab_act_fail_tab.x4iqmofafq2ahdvuj02uauibev	INTEGER	#	The number of RAB active failures for multi RAB combination CS AMR Multimode + PS NRT 64 kbit/s uplink and 384 kbit/s downlink.	Sum, nkrttbh, tot
rab_active_fail_cs_amr_multimode_1_ps_nrt_64_64	nok_ach_mrab_act_fail_tab.x4iqmobafq2ahdvuj02uauibev	INTEGER	#	The number of RAB active failures for multi RAB combination CS AMR Multimode + PS NRT 64 kbit/s uplink and 64 kbit/s downlink.	Sum, nkrttbh, tot
rab_active_fail_cs_amr_multimode_2_ps_nrt_background	nok_ach_mrab_act_fail_tab.x4iqmolafq2ahdvuj02uauibev	INTEGER	#	The number of RAB active failures for multi RAB	Sum, nkrttbh, tot

_and_background				combination CS AMR Multimode + 2 PS NRT background class.	
rab_active_fail_cs_amr_multimode_2_ps_nrt_interactive_and_background	nok_ach_mrab_act_fail_tab.x4iqmojafq2ahdvuj02uauibev	INTEGER	#	The number of RAB active failures for multi RAB combination CS AMR Multimode + 1 PS NRT interactive class + 1 PS NRT background class.	Sum, nkrttbh, tot
rab_active_fail_cs_amr_multimode_2_ps_nrt_interactive_and_interactive	nok_ach_mrab_act_fail_tab.x4iqmohafq2ahdvuj02uauibev	INTEGER	#	The number of RAB active failures for multi RAB combination CS AMR Multimode + 2 PS NRT interactive class.	Sum, nkrttbh, tot
rab_active_fail_cs_amr_multimode_3_ps_nrt	nok_ach_mrab_act_fail_tab.x4iqmonafq2ahdvuj02uauibev	INTEGER	#	The number of RAB active failures for multi RAB combination AMR Multimode + 3 PS NRT.	Sum, nkrttbh, tot
rab_active_fail_cs_conversational_1_ps_nrt_64_128	nok_ach_mrab_act_fail_tab.x4iqmorafq2ahdvuj02uauibev	INTEGER	#	The number of RAB active failures for multi RAB combination CS conversational class + PS NRT 64 kbit/s uplink and 128 kbit/s downlink.	Sum, nkrttbh, tot
rab_active_fail_cs_conversational_1_ps_nrt_64_384	nok_ach_mrab_act_fail_tab.x4iqmotafq2ahdvuj02uauibev	INTEGER	#	The number of RAB active failures for multi RAB combination CS	Sum, nkrttbh, tot

				conversational class + PS NRT 64 kbit/s uplink and 384 kbit/s downlink.	
rab_active_fail_cs_conversational_1_ps_nrt_64_64	nok_ach_mrab_act_fail_tab.x4iqmopafq2ahdvuj02uauibev	INTEGER	#	The number of RAB active failures for multi RAB combination CS conversational class + PS NRT 64 kbit/s uplink and 64 kbit/s downlink.	Sum, nkrttbh, tot
rab_active_fail_ps_stream_guar_equals_max_1_ps_nrt_64_128	nok_ach_mrab_act_fail_tab.x4iqmoxafq2ahdvuj02uauibev	INTEGER	#	The number of RAB active failures for multi RAB combination PS streaming class in which guaranteed bit rate equals to maximum bit rate + PS NRT 64 kbit/s uplink and 128 kbit/s downlink.	Sum, nkrttbh, tot
rab_active_fail_ps_stream_guar_equals_max_1_ps_nrt_64_384	nok_ach_mrab_act_fail_tab.x4iqmp0afq2ahdvuj02uauibev	INTEGER	#	The number of RAB active failures for multi RAB combination PS streaming class in which guaranteed bit rate equals to maximum bit rate + PS NRT 64 kbit/s uplink and 384 kbit/s downlink.	Sum, nkrttbh, tot
rab_active_fail_ps_stream_guar_equals_max_1_ps_nrt_64_64	nok_ach_mrab_act_fail_tab.x4iqmovafq2ahdvuj02uauibev	INTEGER	#	The number of RAB active failures for multi RAB combination PS streaming class in which guaranteed bit rate equals to maximum bit rate + PS NRT 64 kbit/s	Sum, nkrttbh, tot

				uplink and 64 kbit/s downlink.	
rab_active_fail_ps_stream_guar_less_than_max_1_ps_nrt_64_128	nok_ach_mrab_act_fail_tab.x4iqmp4afq2ahdvuj02uauibev	INTEGER	#	The number of RAB active failures for multi RAB combination PS streaming class in which guaranteed bit rate is less than maximum bit rate + PS NRT 64 kbit/s uplink and 128 kbit/s downlink.	Sum, nkrttbh, tot
rab_active_fail_ps_stream_guar_less_than_max_1_ps_nrt_64_384	nok_ach_mrab_act_fail_tab.x4iqmp6afq2ahdvuj02uauibev	INTEGER	#	The number of RAB active failures for multi RAB combination PS streaming class in which guaranteed bit rate is less than maximum bit rate + PS NRT 64 kbit/s uplink and 384 kbit/s downlink.	Sum, nkrttbh, tot
rab_active_fail_ps_stream_guar_less_than_max_1_ps_nrt_64_64	nok_ach_mrab_act_fail_tab.x4iqmp2afq2ahdvuj02uauibev	INTEGER	#	The number of RAB active failures for multi RAB combination PS streaming class in which guaranteed bit rate is less than maximum bit rate + PS NRT 64 kbit/s uplink and 64 kbit/s downlink.	Sum, nkrttbh, tot

6.34.7 RNC.Nokia.UMTS.anchoring.multirab.setup_attempts

RNC anchoring:Multi-RAB: Setup attempts statistics

KPI Name	Expression	Data Type	Units	Description	Aggregation
rab_setup_attempt_2_ps_nrt_background_and_background	nok_ach_mrab_set_att_tab.tc4yrm6ahl26seccb00hw01qk4	INT8	#	The number of RAB setup attempts the result of which would be a multi-RAB combination "2 PS NRT (BACKGROUND and BACKGROUND)".	Sum, nkrttbh, tot
rab_setup_attempt_2_ps_nrt_interactive_and_background	nok_ach_mrab_set_att_tab.tc3udb2ahl26seccb00hw01qk4	INT8	#	The number of RAB setup attempts the result of which would be a multi-RAB combination "2 PS NRT (INTERACTIVE and BACKGROUND)".	Sum, nkrttbh, tot
rab_setup_attempt_2_ps_nrt_interactive_and_interactive	nok_ach_mrab_set_att_tab.tc2mrhhahl26seccb00hw01qk4	INT8	#	The number of RAB setup attempts the result of which would be a multi-RAB combination "2 PS NRT (INTERACTIVE and INTERACTIVE)".	Sum, nkrttbh, tot
rab_setup_attempt_3_ps_nrt	nok_ach_mrab_set_att_tab.tc6250dahl26seccb00hw01qk4	INT8	#	The number of RAB setup attempts the result of which would be a multi-RAB combination "3 PS NRT".	Sum, nkrttbh, tot
rab_setup_attempt_cs_amr_12_2_1_ps_nrt_64_128	nok_ach_mrab_set_att_tab.tbw62kxahl26seccb00hw01qk4	INT8	#	The number of RAB setup attempts the result of which would be a multi-RAB combination "CS AMR 12.2 + PS NRT (64/128)".	Sum, nkrttbh, tot

rab_setup_attempt_cs_amr_12_2_1_ps_nrt_64_384	nok_ach_mrab_set_att_tab.r0hxeghhpt2aibkmj035xkctln	INTEGER	#	The number of RAB setup attempts, the result of which would be a multi-RAB combination CS AMR 12.2 + PS NRT (64/384).	Sum
rab_setup_attempt_cs_amr_12_2_1_ps_nrt_64_64	nok_ach_mrab_set_att_tab.tbv45m6ahl26seccb00hw01qk4	INT8	#	The number of RAB setup attempts the result of which would be a multi-RAB combination "CS AMR 12.2 + PS NRT (64/64)".	Sum, nkrttbh, tot
rab_setup_attempt_cs_amr_12_2_2_ps_nrt_background_and_background	nok_ach_mrab_set_att_tab.tc0ig26ahl26seccb00hw01qk4	INT8	#	The number of RAB setup attempts the result of which would be a multi-RAB combination "CS AMR 12.2 + 2 PS NRT (BACKGROUND and BACKGROUND)".	Sum, nkrttbh, tot
rab_setup_attempt_cs_amr_12_2_2_ps_nrt_interactive_and_background	nok_ach_mrab_set_att_tab.tbyfxb6ahl26seccb00hw01qk4	INT8	#	The number of RAB setup attempts the result of which would be a multi-RAB combination "CS AMR 12.2 + 2 PS NRT (INTERACTIVE and BACKGROUND)".	Sum, nkrttbh, tot
rab_setup_attempt_cs_amr_12_2_2_ps_nrt_interactive_and_interactive	nok_ach_mrab_set_att_tab.tbxbghdahl26seccb00hw01qk4	INT8	#	The number of RAB setup attempts the result of which would be a multi-	Sum, nkrttbh, tot

				RAB combination "CS AMR 12.2 + 2 PS NRT (INTERACTIVE and INTERACTIVE)".	
rab_setup_attempt_cs_amr_12_2_3_ps_nrt	nok_ach_mrab_set_att_tab.tc1ilkdahl26seccb00hw01qk4	INT8	#	The number of RAB setup attempts the result of which would be a multi-RAB combination "CS AMR 12.2+3PS NRT".	Sum, nkrttbh, tot
rab_setup_attempt_cs_amr_multimode_1_ps_nrt_64_128	nok_ach_mrab_set_att_tab.wrica2fafq2ahdvuj02uauibev	INTEGER	#	The number of RAB setup attempts, the result of which would be a multi-RAB combination "CS AMR MULTIMODE + 1 PS NRT (64/128)".	Sum, nkrttbh, tot
rab_setup_attempt_cs_amr_multimode_1_ps_nrt_64_64	nok_ach_mrab_set_att_tab.wrica2dafq2ahdvuj02uauibev	INTEGER	#	The number of RAB setup attempts, the result of which would be a multi-RAB combination "CS AMR MULTIMODE + 1 PS NRT (64/64)".	Sum, nkrttbh, tot
rab_setup_attempt_cs_amr_multimode_2_ps_nrt_background_and_background	nok_ach_mrab_set_att_tab.wxjpkxxafq2ahdvuj02uauibev	INTEGER	#	The number of RAB setup attempts, the result of which would be a multi-RAB combination "CS AMR MULTIMODE + 2 PS NRT (BACKGROUND and BACKGROUND)".	Sum, nkrttbh, tot
rab_setup_attempt_cs_amr_multimode_2_ps_nrt_interacti	nok_ach_mrab_set_att_tab.wxjpkxvafq2ahdvuj02uauibev	INTEGER	#	The number of RAB setup attempts, the result of which	Sum, nkrttbh, tot

ve_and_backgroun d				would be a multi-RAB combination "CS AMR MULTIMODE + 2 PS NRT (INTERACTIVE and BACKGROUND)".	
rab_setup_attempt_cs_amr_multimode_2_ps_nrt_interactive_and_interactive	nok_ach_mrab_set_att_tab.wrica2hafq2ahdvuj02uauibev	INTEGER	#	The number of RAB setup attempts, the result of which would be a multi-RAB combination "CS AMR MULTIMODE + 2 PS NRT (INTERACTIVE and INTERACTIVE)".	Sum, nkrttbh, tot
rab_setup_attempt_cs_amr_multimode_3_ps_nrt	nok_ach_mrab_set_att_tab.wxjpky0afq2ahdvuj02uauibev	INTEGER	#	The number of RAB setup attempts, the result of which would be a multi-RAB combination "CS AMR MULTIMODE + 3 PS NRT".	Sum, nkrttbh, tot
rab_setup_attempt_cs_conversational_1_ps_nrt_64_128	nok_ach_mrab_set_att_tab.tcidrfpahl26seccb00hw01qk4	INT8	#	The number of RAB setup attempts the result of which would be a multi-RAB combination "CS CONVERSATIONAL + 1 PS NRT (64/128)".	Sum, nkrttbh, tot
rab_setup_attempt_cs_conversational_	nok_ach_mrab_set_att_tab.tcji1whahl26seccb00hw01	INT8	#	The number of RAB setup attempts the	Sum, nkrttbh,

1_ps_nrt_64_384	qk4			result of which would be a multi-RAB combination "CS CONVERSATIONAL + 1 PS NRT (64/384)".	tot
rab_setup_attempt_cs_conversational_1_ps_nrt_64_64	nok_ach_mrab_set_att_tab.tch5hexahl26seccb00hw01qk4	INT8	#	The number of RAB setup attempts the result of which would be a multi-RAB combination "CS CONVERSATIONAL + 1 PS NRT (64/64)".	Sum, nkrttbh, tot
rab_setup_attempt_ps_stream_guar_equals_max_1_ps_nrt_64_128	nok_ach_mrab_set_att_tab.tcbieu6ahl26seccb00hw01qk4	INT8	#	The number of RAB setup attempts the result of which would be a multi-RAB combination "PS Streaming with guaranteed bit rate the same as maximum bit rate" + "PS NRT (64 kpbs uplink/128 kbps downlink)".	Sum, nkrttbh, tot
rab_setup_attempt_ps_stream_guar_equals_max_1_ps_nrt_64_384	nok_ach_mrab_set_att_tab.tccmu66ahl26seccb00hw01qk4	INT8	#	The number of RAB setup attempts the result of which would be a multi-RAB combination "PS Streaming with guaranteed bit rate the same as maximum bit rate" + "PS NRT (64 kpbs uplink/384 kbps downlink)".	Sum, nkrttbh, tot
rab_setup_attempt_ps_stream_guar_equals_max_1_ps_nrt	nok_ach_mrab_set_att_tab.tcabuotahl26seccb00hw01qk4	INT8	#	The number of RAB setup attempts the result of which	Sum, nkrttbh, tot

_64_64				would be a multi-RAB combination "PS Streaming with guaranteed bit rate the same as maximum bit rate" + "PS NRT (64 kpbs uplink/64 kbps downlink)".	
rab_setup_attempt_ps_stream_guar_less_than_max_1_ps_nrt_64_128	nok_ach_mrab_set_att_tab.tcevum6ahl26seccb00hw01qk4	INT8	#	The number of RAB setup attempts the result of which would be a multi-RAB combination "PS Streaming with guaranteed bit rate less than maximum bit rate" + "PS NRT (64 kpbs uplink/128 kbps downlink)".	Sum, nkrttbh, tot
rab_setup_attempt_ps_stream_guar_less_than_max_1_ps_nrt_64_384	nok_ach_mrab_set_att_tab.tcg1c3hahl26seccb00hw01qk4	INT8	#	The number of RAB setup attempts the result of which would be a multi-RAB combination "PS Streaming with guaranteed bit rate less than maximum bit rate" + "PS NRT (64 kpbs uplink/384 kbps downlink)".	Sum, nkrttbh, tot
rab_setup_attempt_ps_stream_guar_less_than_max_1_ps_nrt_64_64	nok_ach_mrab_set_att_tab.tcdrd1lahl26seccb00hw01qk4	INT8	#	The number of RAB setup attempts the result of which would be a multi-RAB combination "PS Streaming with guaranteed bit rate less than maximum	Sum, nkrttbh, tot

				bit rate" + "PS NRT (64 kpbs uplink/64 kbps downlink)".	

6.34.8 RNC.Nokia.UMTS.anchoring.prach_prop_delay

RNC aggregated:PRACH propagation delay statistics.

KPI Name	Expression	Data Type	Units	Description	Aggregation
prach_propagation_delay_class_0	nok_nkrnc_praprpdel_tab.uaqad361im2ahsxr0035xkcuai	INTEGER	Chip	The number of PRACH Propagation Delay values reported by the WBTS with value PROP_DELAY_000 (3GPP TS 25.133). This corresponds approximately to the distance of 0...234 meters.	Sum, nkrttbh, tot
prach_propagation_delay_class_10	nok_nkrnc_praprpdel_tab.uaqad3t1im2ahsxr0035xkcuai	INTEGER	Chip	The number of PRACH Propagation Delay values reported by the WBTS with value PROP_DELAY_026...PROP_DELAY_029 (3GPP TS 25.133). This corresponds the distance of 6084...7020 meters.	Sum, nkrttbh, tot
prach_propagation_delay_class_11	nok_nkrnc_praprpdel_tab.uaqad3v1im2ahsxr0035xkcuai	INTEGER	Chip	The number of PRACH Propagation Delay values reported by the WBTS with value PROP_DELAY_030...PROP_DELAY	Sum, nkrttbh, tot

				_033 (3GPP TS 25.133). This corresponds the distance of 7020...7956 meters.	
prach_propagation_delay_class_12	nok_nkrnc_praprpdel_tab.uaqad3x1im2ahsxr0035xkcuai	INTEGER	Chip	The number of PRACH Propagation Delay values reported by the WBTS with value PROP_DELAY_034...PROP_DELAY_042 (3GPP TS 25.133). This corresponds the distance of 7956...10062 meters.	Sum, nkrttbh, tot
prach_propagation_delay_class_13	nok_nkrnc_praprpdel_tab.uaqad401im2ahsxr0035xkcuai	INTEGER	Chip	The number of PRACH Propagation Delay values reported by the WBTS with value PROP_DELAY_043...PROP_DELAY_063 (3GPP TS 25.133). This corresponds the distance of 10062...14976 meters.	Sum, nkrttbh, tot
prach_propagation_delay_class_14	nok_nkrnc_praprpdel_tab.uaqad421im2ahsxr0035xkcuai	INTEGER	Chip	The number of PRACH Propagation Delay values reported by the WBTS with value	Sum, nkrttbh, tot

				PROP_DELAY_064...PROP_DELAY_084 (3GPP TS 25.133). This corresponds the distance of 14976...19890 meters.	
prach_propagation_delay_class_15	nok_nkrnc_praprpdel_tab.uaqad441im2ahsxr0035xkcuai	INTEGER	Chip	The number of PRACH Propagation Delay values reported by the WBTS with value PROP_DELAY_085...PROP_DELAY_106 (3GPP TS 25.133). This corresponds the distance of 19890...25038 meters.	Sum, nkrttbh, tot
prach_propagation_delay_class_16	nok_nkrnc_praprpdel_tab.uaqad461im2ahsxr0035xkcuai	INTEGER	Chip	The number of PRACH Propagation Delay values reported by the WBTS with value PROP_DELAY_107...PROP_DELAY_127 (3GPP TS 25.133). This corresponds the distance of 25038...29952 meters.	Sum, nkrttbh, tot
prach_propagation_delay_class_17	nok_nkrnc_praprpdel_tab.uaqad4b1im2ahsxr0035xkcuai	INTEGER	Chip	The number of PRACH Propagation Delay values reported by the WBTS with value PROP_DELAY_128...PROP_DELAY	Sum, nkrttbh, tot

				_148 (3GPP TS 25.133). This corresponds the distance of 29952...34866 meters.	
prach_propagation_delay_class_18	nok_nkrnc_praprpdel_tab.uaqad4d1im2ahsxr0035xkcuai	INTEGER	Chip	The number of PRACH Propagation Delay values reported by the WBTS with value PROP_DELAY_149...PROP_DELAY_170 (3GPP TS 25.133). This corresponds the distance of 34866...40014 meters.	Sum, nkrttbh, tot
prach_propagation_delay_class_19	nok_nkrnc_praprpdel_tab.uaqad4f1im2ahsxr0035xkcuai	INTEGER	Chip	The number of PRACH Propagation Delay values reported by the WBTS with value PROP_DELAY_171...PROP_DELAY_213 (3GPP TS 25.133). This corresponds the distance of 40014...50076 meters.	Sum, nkrttbh, tot
prach_propagation_delay_class_1	nok_nkrnc_praprpdel_tab.uaqad3b1im2ahsxr0035xkcuai	INTEGER	Chip	The number of PRACH Propagation Delay values reported by the WBTS with	Sum, nkrttbh, tot

				value PROP_DELAY_001 (3GPP TS 25.133). This corresponds approximately to the distance of 234...468 meters.	
prach_propagation_delay_class_20	nok_nkrnc_praprpdel_tab.uaqad4h1im2ahsxr0035xkcuai	INTEGER	Chip	The number of PRACH Propagation Delay values reported by the WBTS with value PROP_DELAY_214 or greater (3GPP TS 25.133). This corresponds the distance greater than 50076 meters.	Sum, nkrttbh, tot
prach_propagation_delay_class_2	nok_nkrnc_praprpdel_tab.uaqad3d1im2ahsxr0035xkcuai	INTEGER	Chip	The number of PRACH Propagation Delay values reported by the WBTS with value PROP_DELAY_002...PROP_DELAY_003 (3GPP TS 25.133). This corresponds the distance of 468...936 meters.	Sum, nkrttbh, tot
prach_propagation_delay_class_3	nok_nkrnc_praprpdel_tab.uaqad3f1im2ahsxr0035xkcuai	INTEGER	Chip	The number of PRACH Propagation Delay values reported by the WBTS with value PROP_DELAY_004 (3GPP TS 25.133). This corresponds the distance of	Sum, nkrttbh, tot

				936...1170 meters.	
prach_propagation_delay_class_4	nok_nkrnc_praprpdel_tab.uaqad3h1im2ahsxr0035xkcuai	INTEGER	Chip	The number of PRACH Propagation Delay values reported by the WBTS with value PROP_DELAY_005...PROP_DELAY_006 (3GPP TS 25.133). This corresponds the distance of 1170...1638 meters.	Sum, nkrttbh, tot
prach_propagation_delay_class_5	nok_nkrnc_praprpdel_tab.uaqad3j1im2ahsxr0035xkcuai	INTEGER	Chip	The number of PRACH Propagation Delay values reported by the WBTS with value PROP_DELAY_007...PROP_DELAY_008 (3GPP TS 25.133). This corresponds the distance of 1638...2106 meters.	Sum, nkrttbh, tot
prach_propagation_delay_class_6	nok_nkrnc_praprpdel_tab.uaqad3l1im2ahsxr0035xkcuai	INTEGER	Chip	The number of PRACH Propagation Delay values reported by the WBTS with value PROP_DELAY_009...PROP_DELAY_012 (3GPP TS 25.133). This corresponds the distance of	Sum, nkrttbh, tot

				2106...3042 meters.	
prach_propagation_delay_class_7	nok_nkrnc_praprpdel_tab.uaqad3n1im2ahsxr0035xkcuai	INTEGER	Chip	The number of PRACH Propagation Delay values reported by the WBTS with value PROP_DELAY_013...PROP_DELAY_016 (3GPP TS 25.133). This corresponds the distance of 3042...3978 meters.	Sum, nkrttbh, tot
prach_propagation_delay_class_8	nok_nkrnc_praprpdel_tab.uaqad3p1im2ahsxr0035xkcuai	INTEGER	Chip	The number of PRACH Propagation Delay values reported by the WBTS with value PROP_DELAY_017...PROP_DELAY_020 (3GPP TS 25.133). This corresponds the distance of 3978...4914 meters.	Sum, nkrttbh, tot
prach_propagation_delay_class_9	nok_nkrnc_praprpdel_tab.uaqad3r1im2ahsxr0035xkcuai	INTEGER	Chip	The number of PRACH Propagation Delay values reported by the WBTS with value PROP_DELAY_021...PROP_DELAY_025 (3GPP TS 25.133). This corresponds the distance of 4914...6084 meters.	Sum, nkrttbh, tot

6.34.9 RNC.Nokia.UMTS.anchoring.rab.access_complete

RAB access complete measurements

KPI Name	Expression	Data Type	Units	Description	Aggregation
rab_access_complete_cs_amr_multimode	nok_ach_rab_acc_comp_tab.wrica2bafq2ahdvuj02uauibev	INTEGER	#	Number of RAB access completions for CS AMR Multimode calls.	Sum, nkrttbh, tot

6.34.10RNC.Nokia.UMTS.anchoring.rab.active_complete_cs_data

RNC anchoring:RAB - Active completions for CS voice and data service statistics

KPI Name	Expression	Data Type	Units	Description	Aggregation
rab_act_comp_for_cs_stream_guar_bit_rate_dl	nok_ach_rab_act_comp_cs_tab.tcvwajpahl26seccb00hw01qk4	INT8	#	The number of RAB active completions for CS streaming calls in case resources for the RAB are reserved according to guaranteed bit rate DL defined in RAB parameters . Possible only for CS non-transparent data in streaming class.	Sum, nkrttbh, tot
rab_act_comp_for_cs_stream_guar_bit_rate_ul	nok_ach_rab_act_comp_cs_tab.tcuoekhahl26seccb00hw01qk4	INT8	#	The number of RAB active completions for CS streaming calls in case resources for the RAB are reserved according to the guaranteed bit rate in uplink.	Sum, nkrttbh, tot
rab_active_complete_cs_conversational	nok_ach_rab_act_comp_cs_tab.tcrc32dahl26seccb00h	INT8	#	The number of RAB active	Sum, nkrttbh,

_64	w01qk4			completions and active releases for CS Conversational 64 kbps.	tot
rab_active_complete_cs_streaming_14_4	nok_ach_rab_act_comp_cs_tab.tcsh0atahl26seccb00hw01qk4	INT8	#	The number of RAB active completions and active releases for CS Streaming 14.4 kbps.	Sum, nkrttbh, tot
rab_active_complete_cs_streaming_57_6	nok_ach_rab_act_comp_cs_tab.tctj5phahl26seccb00hw01qk4	INT8	#	The number of RAB active completions and active releases for CS Streaming 57.6 kbps.	Sum, nkrttbh, tot
rab_active_completions_for_cs_data_conv	nok_ach_rab_act_comp_cs_tab.tcloy6dahl26seccb00hw01qk4	INT8	#	A number of RAB active completions for CS data calls with conversational class	Sum, nkrttbh, tot
rab_active_completions_for_cs_data_stream	nok_ach_rab_act_comp_cs_tab.tcmsvwlahl26seccb00hw01qk4	INT8	#	A number of RAB active completions for CS data calls with streaming class	Sum, nkrttbh, tot
rab_active_completions_for_cs_voice	nok_ach_rab_act_comp_cs_tab.tckk44xahl26seccb00hw01qk4	INT8	#	A number of RAB active completions for CS voice calls	Sum, nkrttbh, tot
rab_active_completions_in_same_cell_for_cs_data_conv	nok_ach_rab_act_comp_cs_tab.tcoychhahl26seccb00hw01qk4	INT8	#	The number of normal completions of RAB active phases for CS data conversational, when the RAB is established and released in the same cell.	Sum, nkrttbh, tot
rab_active_completions_in_same_cell_for_cs_data_stream	nok_ach_rab_act_comp_cs_tab.tcq4djxahl26seccb00hw01qk4	INT8	#	The number of normal completions of RAB active phases for CS data	Sum, nkrttbh, tot

				streaming, when the RAB is established and released in the same cell.	
rab_active_completions_in_same_cell_for_cs_voice	nok_ach_rab_act_comp_cs_tab.tcnx0s2ahl26seccb00hw01qk4	INT8	#	The number of normal completions of RAB active phases for CS voice, when the RAB is established and released in the same cell.	Sum, nkrttbh, tot

6.34.11RNC.Nokia.UMTS.anchoring.rab.active_complete_ps_data

RNC anchoring:RAB - Active completions for PS data service statistics

KPI Name	Expression	Data Type	Units	Description	Aggregation
rab_act_comp_for_ps_call_using_iphc_conv_class	nok_ach_rab_act_comp_ps_tab.td2l3klahl26seccb00hw01qk4	INT8	#	- Obsolete in RN2.2 - The number of RAB active completions for the PS data calls with conversational class using RFC2507 IP header compression.	Sum, nkrttbh, tot
rab_act_comp_for_ps_call_using_iphc_stream_class	nok_ach_rab_act_comp_ps_tab.td3opbdahl26seccb00hw01qk4	INT8	#	- Obsolete in RN2.2 - The number of RAB active completions for the PS data calls with streaming class using RFC2507 IP header compression.	Sum, nkrttbh, tot
rab_act_comp_for_	nok_ach_rab_act_comp_ps	INT8	#	- Obsolete in RN2.2	Sum,

ps_call_using_rohc_conv_class	_tab.td4qactahl26seccb00hw01qk4			- The number of RAB active completions for the PS data calls with conversational class using ROHC IP header compression.	nkrttbh, tot
rab_act_comp_for_ps_call_using_rohc_stream_class	nok_ach_rab_act_comp_ps_tab.td5usypahl26seccb00hw01qk4	INT8	#	- Obsolete in RN2.2 - The number of RAB active completions for the PS data calls with streaming class using ROHC IP header compression.	Sum, nkrttbh, tot
rab_act_comp_for_ps_stream_guar_bit_rate_dl	nok_ach_rab_act_comp_ps_tab.tdro1qlahl26seccb00hw01qk4	INT8	#	The number of RAB active completions for PS streaming calls in which resources for the RAB are reserved according to the guaranteed bit rate in downlink. Possible only for PS RT data in streaming class.	Sum, nkrttbh, tot
rab_act_comp_for_ps_stream_guar_bit_rate_ul	nok_ach_rab_act_comp_ps_tab.tdqm55xahl26seccb00hw01qk4	INT8	#	The number of RAB active completions for PS streaming calls in case resources for the RAB are reserved according to the guaranteed bit rate in uplink. Possible only for PS RT data in streaming class.	Sum, nkrttbh, tot
rab_active_complete_ps_nrt_128_128	nok_ach_rab_act_comp_ps_tab.tdm6uutahl26seccb00	INT8	#	The number of RAB active	Sum, nkrttbh,

	hw01qk4			completions and active releases for PS NRT RAB with a bit rate of 128 kbps uplink/ 128 kbps downlink.	tot
rab_active_complete_ps_nrt_128_256	nok_ach_rab_act_comp_ps_tab.uaqacul1im2ahsxr0035xkcuai	INTEGER	#	The number of RAB active completions and active releases for PS NRT RAB with a bitrate of 128 kbps uplink/ 256 kbps downlink.	Sum, nkrttbh, tot
rab_active_complete_ps_nrt_128_384	nok_ach_rab_act_comp_ps_tab.tdnduklahl26seccb00hw01qk4	INT8	#	The number of RAB active completions and active releases for PS NRT RAB with a bit rate of 128 kbps uplink/ 384 kbps downlink.	Sum, nkrttbh, tot
rab_active_complete_ps_nrt_128_64	nok_ach_rab_act_comp_ps_tab.tdl2ovtahl26seccb00hw01qk4	INT8	#	The number of RAB active completions and active releases for PS NRT RAB with a bit rate of 128 kbps uplink/ 64 kbps downlink.	Sum, nkrttbh, tot
rab_active_complete_ps_nrt_384_384	nok_ach_rab_act_comp_ps_tab.tdohwlxahl26seccb00hw01qk4	INT8	#	The number of RAB active completions and active releases for PS NRT RAB with a bit rate of 384 kbps uplink/ 384 kbps downlink.	Sum, nkrttbh, tot

This edition applies to IBM® Tivoli® Netcool® Performance Manager for Wireless and to all subsequent releases and modifications until otherwise indicated in new editions.

rab_active_complete_ps_nrt_384_64	nok_ach_rab_act_comp_ps_tab.tdpj5xdahl26seccb00hw01qk4	INT8	#	The number of RAB active completions and active releases for PS NRT RAB with a bit rate of 384 kbps uplink/ 64 kbps downlink.	Sum, nkrttbh, tot
rab_active_complete_ps_nrt_64_128	nok_ach_rab_act_comp_ps_tab.tdhnkgpahl26seccb00hw01qk4	INT8	#	The number of RAB active completions and active releases for PS NRT RAB with a bit rate of 64 kbps uplink/ 128 kbps downlink.	Sum, nkrttbh, tot
rab_active_complete_ps_nrt_64_256	nok_ach_rab_act_comp_ps_tab.tdirsdlahl26seccb00hw01qk4	INT8	#	The number of RAB active completions and active releases for PS NRT RAB with a bit rate of 64 kbps uplink/ 256 kbps downlink.	Sum, nkrttbh, tot
rab_active_complete_ps_nrt_64_384	nok_ach_rab_act_comp_ps_tab.tdjx2wlahl26seccb00hw01qk4	INT8	#	The number of RAB active completions and active releases for PS NRT RAB with a bit rate of64 kbps uplink/ 384 kbps downlink.	Sum, nkrttbh, tot
rab_active_complete_ps_nrt_64_64	nok_ach_rab_act_comp_ps_tab.tdgjbmhahl26seccb00hw01qk4	INT8	#	The number of RAB active completions and active releases for PS NRT RAB with a bit rate of 64 kbps uplink/64 kbps downlink.	Sum, nkrttbh, tot
rab_active_complete_ps_streaming_16_64_guar_16_64	nok_ach_rab_act_comp_ps_tab.tdebpqtahl26seccb00hw01qk4	INT8	#	The number of RAB active completions and	Sum, nkrttbh, tot

				active releases for PS Streaming RAB with a maximum bit rate of 16 kbps uplink/64 kbps downlink and a guaranteed bit rate of 16 kbps uplink/64 kbps downlink.	
rab_active_complete_ps_streaming_16_64_guar_8_32	nok_ach_rab_act_comp_ps_tab.tdfd4odahl26seccb00hw01qk4	INT8	#	The number of RAB active completions and active releases for PS Streaming RAB with a maximum bit rate of 16 kbps uplink/64 kbps downlink and a guaranteed bit rate of 8 kbps uplink/32 kbps downlink.	Sum, nkrttbh, tot
rab_active_completions_for_ps_data_backg	nok_ach_rab_act_comp_ps_tab.td1g6yhahl26seccb00hw01qk4	INT8	#	A number of RAB active completions for PS calls with background class	Sum, nkrttbh, tot
rab_active_completions_for_ps_data_conv	nok_ach_rab_act_comp_ps_tab.tcwxq2pahl26seccb00hw01qk4	INT8	#	- Obsolete in RN2.2 - A number of RAB active completions for PS calls with conversational class	Sum, nkrttbh, tot
rab_active_completions_for_ps_data_intera	nok_ach_rab_act_comp_ps_tab.td0attlahl26seccb00hw01qk4	INT8	#	A number of RAB active completions for PS calls with interactive class	Sum, nkrttbh, tot
rab_active_completions_for_ps_data_stream	nok_ach_rab_act_comp_ps_tab.tcy45fxahl26seccb00hw01qk4	INT8	#	A number of RAB active completions for PS calls with	Sum, nkrttbh, tot

				streaming class	
rab_active_completions_in_same_cell_for_ps_data_backg	nok_ach_rab_act_comp_ps_tab.tdd3ubpahl26seccb00hw01qk4	INT8	#	The number of normal completions of RAB active phases for PS data background, when the RAB is established and released in the same cell.	Sum, nkrttbh, tot
rab_active_completions_in_same_cell_for_ps_data_conv	nok_ach_rab_act_comp_ps_tab.td6v44tahl26seccb00hw01qk4	INT8	#	- Obsolete in RN2.2 - The number of normal completions of RAB active phases for PS data conversational, when the RAB is established and released in the same cell.	Sum, nkrttbh, tot
rab_active_completions_in_same_cell_for_ps_data_intera	nok_ach_rab_act_comp_ps_tab.tdc2wr6ahl26seccb00hw01qk4	INT8	#	The number of normal completions of RAB active phases for PS data interactive, when the RAB is established and released in the same cell.	Sum, nkrttbh, tot
rab_active_completions_in_same_cell_for_ps_data_stream	nok_ach_rab_act_comp_ps_tab.tdb1h3pahl26seccb00hw01qk4	INT8	#	The number of normal completions of RAB active phases for PS data streaming, when the RAB is established and released in the same cell.	Sum, nkrttbh, tot

6.34.12RNC.Nokia.UMTS.anchoring.rab.active_failure_cs_data

RNC anchoring:RAB - Active failures for CS data service statistics

KPI Name	Expression	Data	Units	Description	Aggregati

		Type			on
rab_act_fail_for_cs_data_call_stream_class_due_to_integrity_check	nok_ach_rab_act_fail_cs_tab.te50avhahl26seccb00hw01qk4	INT8	#	A number of RAB active failures for CS data calls with streaming class caused by an integrity check failure	Sum, nkrttbh, tot
rab_act_fail_for_cs_data_conv_class_call_due_to_integrity_check	nok_ach_rab_act_fail_cs_tab.tdxcgqxahl26seccb00hw01qk4	INT8	#	A number of RAB active failures for CS data calls with conversational class caused by an integrity check failure	Sum, nkrttbh, tot
rab_active_failures_due_to_bts_for_cs_data_conv	nok_ach_rab_act_fail_cs_tab.tdv0s0pahl26seccb00hw01qk4	INT8	#	A number of RAB active failures for CS data calls with conservational class caused by a BTS	Sum, nkrttbh, tot
rab_active_failures_due_to_bts_for_cs_data_stream	nok_ach_rab_act_fail_cs_tab.te2ovx6ahl26seccb00hw01qk4	INT8	#	A number of RAB active failures for CS data calls with streaming class caused by a BTS	Sum, nkrttbh, tot
rab_active_failures_due_to_iu_for_cs_data_conv	nok_ach_rab_act_fail_cs_tab.tdssgrdahl26seccb00hw01qk4	INT8	#	A number of RAB active failures for CS data calls with conversational class caused by the IU interface. When for example, the signalling connection between RNC and CN fails	Sum, nkrttbh, tot
rab_active_failures_due_to_iu_for_cs_	nok_ach_rab_act_fail_cs_tab.te0ivd6ahl26seccb00hw	INT8	#	A number of RAB active failures for	Sum, nkrttbh,

data_stream	01qk4			CS data calls with streaming class caused by the IU interface. When for example, the signalling connection between RNC and CN fails	tot
rab_active_failures_due_to_iur_for_cs_data_conv	nok_ach_rab_act_fail_cs_tab.tdw4xpxahl26seccb00hw01qk4	INT8	#	A number of RAB active failures for CS data calls with conversational class caused by the IUR interface. When for example, the SRNC relocation procedure fails due to the IUR interface	Sum, nkrttbh, tot
rab_active_failures_due_to_iur_for_cs_data_stream	nok_ach_rab_act_fail_cs_tab.te3ucmdahl26seccb00hw01qk4	INT8	#	A number of RAB active failures for CS data calls with streaming class caused by the IUR interface. When for example, the SRNC relocation procedure fails due to the IUR interface	Sum, nkrttbh, tot
rab_active_failures_due_to_radio_int_for_cs_data_conv	nok_ach_rab_act_fail_cs_tab.tdtueaxahl26seccb00hw01qk4	INT8	#	A number of RAB active failures for CS data calls with conservational class caused by the radio interface	Sum, nkrttbh, tot
rab_active_failures_due_to_radio_int_for_cs_data_stream	nok_ach_rab_act_fail_cs_tab.te1o0c6ahl26seccb00hw01qk4	INT8	#	A number of RAB active failures for CS data calls with streaming class caused by the radio interface	Sum, nkrttbh, tot
rab_active_failures_due_to_rnc_for_cs_data_conv	nok_ach_rab_act_fail_cs_tab.tdyh6mdahl26seccb00hw01qk4	INT8	#	A number of RAB active failures for CS data calls with	Sum, nkrttbh, tot

				conversational class caused by RNCs internal reasons	
rab_active_failures_due_to_rnc_for_cs_data_stream	nok_ach_rab_act_fail_cs_tab.te64uvtahl26seccb00hw01qk4	INT8	#	A number of RAB active failures for CS data calls with streaming class caused by RNCs internal reasons	Sum, nkrttbh, tot
rab_active_failures_due_to_ue_for_cs_data_conv	nok_ach_rab_act_fail_cs_tab.tead2phahl26seccb00hw01qk4	INT8	#	Number of RAB active failures caused by UE for CS data conversational.	Sum, nkrttbh, tot
rab_active_failures_due_to_ue_for_cs_data_stream	nok_ach_rab_act_fail_cs_tab.tebibq2ahl26seccb00hw01qk4	INT8	#	Number of RAB active failures caused by UE for CS data streaming.	Sum, nkrttbh, tot

6.34.13RNC.Nokia.UMTS.anchoring.rab.active_failure_cs_voice

RNC anchoring:RAB - Active failures for CS voice service statistics

KPI Name	Expression	Data Type	Units	Description	Aggregation
rab_act_fail_for_cs_voice_call_due_to_integrity_check	nok_nkrn_acrabactfailvo_tab.tegu0c6ahl26seccb00hw01qk4	INT8	#	A number of RAB active failures for CS voice calls caused by an integrity check failure	Sum, nkrttbh, tot
rab_active_failures_due_to_bts_for_cs_voice	nok_nkrn_acrabactfailvo_tab.teerjhlahl26seccb00hw01qk4	INT8	#	A number of RAB active failures for CS voice calls caused by a BTS	Sum, nkrttbh, tot
rab_active_failures_due_to_iu_for_cs_	nok_nkrn_acrabactfailvo_tab.tecn4gpahl26seccb00hw	INT8	#	A number of RAB active failures for	Sum, nkrttbh,

voice	01qk4			CS voice calls caused by the IU interface. When for example, the signalling connections between the RNC and CN fails	tot
rab_active_failures_due_to_iur_for_cs_voice	nok_nkrn_acrabactfailvo_tab.tefsardahl26seccb00hw01qk4	INT8	#	A number of RAB active failures for CS voice calls caused by the IUR interface. When for example, the SRNC relocation procedure fails because of the IUR interface	Sum, nkrttbh, tot
rab_active_failures_due_to_radio_int_for_cs_voice	nok_nkrn_acrabactfailvo_tab.tedo5ddahl26seccb00hw01qk4	INT8	#	A number of RAB active failures for CS voice calls due to the radio interface	Sum, nkrttbh, tot
rab_active_failures_due_to_rnc_for_cs_voice	nok_nkrn_acrabactfailvo_tab.tehyludahl26seccb00hw01qk4	INT8	#	A number of RAB active failures for CS voice calls caused by RNCs internal reasons. Includes also ciphering failures	Sum, nkrttbh, tot
rab_active_failures_due_to_ue_for_cs_voice	nok_nkrn_acrabactfailvo_tab.tej44e2ahl26seccb00hw01qk4	INT8	#	Number of RAB active failures caused by UE for CS voice.	Sum, nkrttbh, tot

6.34.14RNC.Nokia.UMTS.anchoring.rab.active_failure_ps_data

RNC anchoring:RAB - Active failures for PS data service statistics

KPI Name	Expression	Data Type	Units	Description	Aggregation
rab_act_fail_for_ps	nok_nkrnc_rbactflpsdat_tab	INT8	#	A number of RAB	Sum,

_data_call_backg_class_due_to_integrity_check	.tfdrp1hahl26seccb00hw01qk4			active failures for PS data calls with background class caused by an integrity check failure	nkrttbh, tot
rab_act_fail_for_ps_data_call_conv_class_due_to_integrity_check	nok_nkrnc_rbactflpsdat_tab.tep0ccpahl26seccb00hw01qk4	INT8	#	- Obsolete in RN2.2 - A number of RAB active failures for PS data calls with conservational class caused by an integrity check failure	Sum, nkrttbh, tot
rab_act_fail_for_ps_data_call_intera_class_due_to_integrity_check	nok_nkrnc_rbactflpsdat_tab.tf3npftahl26seccb00hw01qk4	INT8	#	A number of RAB active failures for PS data calls with interactive class caused by an integrity check failure	Sum, nkrttbh, tot
rab_act_fail_for_ps_data_call_stream_class_due_to_integrity_check	nok_nkrnc_rbactflpsdat_tab.tevtbvhahl26seccb00hw01qk4	INT8	#	A number of RAB active failures for PS data calls with streaming class caused by an integrity check failure	Sum, nkrttbh, tot
rab_active_failures_due_to_bts_for_ps_data_backg	nok_nkrnc_rbactflpsdat_tab.tfb5no6ahl26seccb00hw01qk4	INT8	#	A number of RAB active failures for PS data calls with background class caused by a BTS	Sum, nkrttbh, tot
rab_active_failures_due_to_bts_for_ps_data_conv	nok_nkrnc_rbactflpsdat_tab.temlmmtahl26seccb00hw01qk4	INT8	#	- Obsolete in RN2.2 - A number of RAB active failures for PS data calls with conservational class	Sum, nkrttbh, tot

This edition applies to IBM® Tivoli® Netcool® Performance Manager for Wireless and to all subsequent releases and modifications until otherwise indicated in new editions.

				caused by a BTS	
rab_active_failures_due_to_bts_for_ps_data_intera	nok_nkrnc_rbactflpsdat_tab.tf1e6q2ahl26seccb00hw01qk4	INT8	#	A number of RAB active failures for PS data calls with interactive class caused by a BTS	Sum, nkrttbh, tot
rab_active_failures_due_to_bts_for_ps_data_stream	nok_nkrnc_rbactflpsdat_tab.tetjln2ahl26seccb00hw01qk4	INT8	#	A number of RAB active failures for PS data calls with streaming class caused by a BTS	Sum, nkrttbh, tot
rab_active_failures_due_to_iu_for_ps_data_backg	nok_nkrnc_rbactflpsdat_tab.tf5uekpahl26seccb00hw01qk4	INT8	#	A number of RAB active failures for PS data calls with background class caused by the IU interface. When for example the signalling connection between the RNC and CN fails	Sum, nkrttbh, tot
rab_active_failures_due_to_iu_for_ps_data_conv	nok_nkrnc_rbactflpsdat_tab.tekbirhahl26seccb00hw01qk4	INT8	#	- Obsolete in RN2.2 - A number of RAB active failures for PS data calls with conservational class caused by the IU interface. When for example the signalling connection between the RNC and CN fails	Sum, nkrttbh, tot
rab_active_failures_due_to_iu_for_ps_data_intera	nok_nkrnc_rbactflpsdat_tab.tey3dxlahl26seccb00hw01qk4	INT8	#	A number of RAB active failures for PS data calls with interactive class caused by the IU interface. When for example the signalling connection between	Sum, nkrttbh, tot

				the RNC and CN fails	
rab_active_failures_due_to_iu_for_ps_data_stream	nok_nkrnc_rbactflpsdat_tab.ter6trhahl26seccb00hw01qk4	INT8	#	A number of RAB active failures for PS data calls with streaming class caused by the IU interface. When for example the signalling connection between the RNC and CN fails	Sum, nkrttbh, tot
rab_active_failures_due_to_iur_for_ps_data_backg	nok_nkrnc_rbactflpsdat_tab.tfcacutahl26seccb00hw01qk4	INT8	#	A number of RAB active failures for PS data calls with background class caused by the IUR interface. When for example the SRNC relocation fails due to the IUR interface	Sum, nkrttbh, tot
rab_active_failures_due_to_iur_for_ps_data_conv	nok_nkrnc_rbactflpsdat_tab.tenu0jxahl26seccb00hw01qk4	INT8	#	- Obsolete in RN2.2 - A number of RAB active failures for PS data calls with conservational class caused by the IUR interface. When for example the SRNC relocation fails due to the IUR interface	Sum, nkrttbh, tot
rab_active_failures_due_to_iur_for_ps_data_intera	nok_nkrnc_rbactflpsdat_tab.tf2j0gxahl26seccb00hw01qk4	INT8	#	A number of RAB active failures for PS data calls with interactive class caused by the IUR interface. When for	Sum, nkrttbh, tot

				example the SRNC relocation fails due to the IUR interface	
rab_active_failures_due_to_iur_for_ps_data_stream	nok_nkrnc_rbactflpsdat_tab.teup21dahl26seccb00hw01qk4	INT8	#	A number of RAB active failures for PS data calls with streaming class caused by the IUR interface. When for example the SRNC relocation fails due to the IUR interface	Sum, nkrttbh, tot
rab_active_failures_due_to_radio_int_for_ps_data_backg	nok_nkrnc_rbactflpsdat_tab.tfa0iglahl26seccb00hw01qk4	INT8	#	A number of RAB active failures for PS data calls with background class caused by a radio interface	Sum, nkrttbh, tot
rab_active_failures_due_to_radio_int_for_ps_data_conv	nok_nkrnc_rbactflpsdat_tab.telgjchahl26seccb00hw01qk4	INT8	#	- Obsolete in RN2.2 - A number of RAB active failures for PS data calls with conservational class caused by a radio interface	Sum, nkrttbh, tot
rab_active_failures_due_to_radio_int_for_ps_data_intera	nok_nkrnc_rbactflpsdat_tab.tf0611pahl26seccb00hw01qk4	INT8	#	A number of RAB active failures for PS data calls with interactive class caused by a radio interface	Sum, nkrttbh, tot
rab_active_failures_due_to_radio_int_for_ps_data_stream	nok_nkrnc_rbactflpsdat_tab.teseiu6ahl26seccb00hw01qk4	INT8	#	A number of RAB active failures for PS data calls with streaming class caused by a radio interface	Sum, nkrttbh, tot
rab_active_failures_due_to_rnc_for_ps_data_backg	nok_nkrnc_rbactflpsdat_tab.tfexcadahl26seccb00hw01qk4	INT8	#	A number of RAB active failures for PS data calls with background class caused by RNCs	Sum, nkrttbh, tot

				internal reasons	
rab_active_failures_due_to_rnc_for_ps_data_conv	nok_nkrnc_rbactflpsdat_tab.teq20wtahl26seccb00hw01qk4	INT8	#	- Obsolete in RN2.2 - A number of RAB active failures for PS data calls with conservational class caused by RNCs internal reasons	Sum, nkrttbh, tot
rab_active_failures_due_to_rnc_for_ps_data_intera	nok_nkrnc_rbactflpsdat_tab.tf4ru6xahl26seccb00hw01qk4	INT8	#	A number of RAB active failures for PS data calls with interactive class caused by RNCs internal reasons	Sum, nkrttbh, tot
rab_active_failures_due_to_rnc_for_ps_data_stream	nok_nkrnc_rbactflpsdat_tab.tewxqjdahl26seccb00hw01qk4	INT8	#	A number of RAB active failures for PS data calls with streaming class caused by RNCs internal reasons	Sum, nkrttbh, tot
rab_active_failures_due_to_ue_for_ps_data_backg	nok_nkrnc_rbactflpsdat_tab.tfjjo2hahl26seccb00hw01qk4	INT8	#	Number of RAB active failures caused by UE for PS data background.	Sum, nkrttbh, tot
rab_active_failures_due_to_ue_for_ps_data_conv	nok_nkrnc_rbactflpsdat_tab.tfg11k2ahl26seccb00hw01qk4	INT8	#	- Obsolete in RN2.2 - Number of RAB active failures caused by UE for PS data conversational.	Sum, nkrttbh, tot
rab_active_failures_due_to_ue_for_ps_data_intera	nok_nkrnc_rbactflpsdat_tab.tfiey62ahl26seccb00hw01qk4	INT8	#	Number of RAB active failures caused by UE for PS data interactive.	Sum, nkrttbh, tot
rab_active_failures_due_to_ue_for_ps	nok_nkrnc_rbactflpsdat_tab.tfh6dfdahl26seccb00hw01	INT8	#	Number of RAB active failures	Sum, nkrttbh,

This edition applies to IBM® Tivoli® Netcool® Performance Manager for Wireless and to all subsequent releases and modifications until otherwise indicated in new editions.

_data_stream	qk4			caused by UE for PS data streaming.	tot

6.34.15RNC.Nokia.UMTS.anchoring.rab.active_failures_ps

RAB active failure measurements

KPI Name	Expression	Data Type	Units	Description	Aggregation
rab_active_failures_for_ps_data_background_in_pch_state	nok_nkrnc_rbactflps_tab.x4iqmplafq2ahdvuj02uauibev	INTEGER	#	The number of RAB active failures in cell-PCH state for PS data with interactive class service.	Sum, nkrttbh, tot
rab_active_failures_for_ps_data_interactive_in_pch_state	nok_nkrnc_rbactflps_tab.x4iqmpjafq2ahdvuj02uauibev	INTEGER	#	The number of RAB active failures in cell-PCH state for PS data with background class service.	Sum, nkrttbh, tot

6.34.16RNC.Nokia.UMTS.anchoring.rab.active_release_cs_data

RNC anchoring:RAB - Active releases for CS data service statistics

KPI Name	Expression	Data Type	Units	Description	Aggregation
rab_act_rel_cs_conv_due_to_unspec_error_in_cn	nok_nkrn_acrabactrlcsdt_tab.wxjpl04afq2ahdvuj02uauibev	INTEGER	#	Number of RAB active releases for CS conversational calls due to unspecified error received from CN.	Sum, nkrttbh, tot
rab_act_rel_cs_stream_due_to_unspec_error_in_cn	nok_nkrn_acrabactrlcsdt_tab.wxjpl06afq2ahdvuj02uauibev	INTEGER	#	Number of RAB active releases for CS streaming calls due to unspecified error received from CN.	Sum, nkrttbh, tot
rab_act_rel_cs_stream_guar_bit_rate_	nok_nkrn_acrabactrlcsdt_tab.tfslmlxahl26seccb00hw0	INT8	#	The number of RAB active releases	Sum, nkrttbh,

dl_due_to_pre_emption	1qk4			for CS streaming calls due to pre-emption when RAB has DL resources reserved according to guaranteed bit rate in downlink.	tot
rab_act_rel_cs_stream_guar_bit_rate_dl_due_to_srnc_reloc	nok_nkrn_acrabactrlcsdt_tab.tfqbrv2ahl26seccb00hw01qk4	INT8	#	The number of RAB active releases for CS streaming class calls due to SRNC relocation in case RAB has DL resources according to guaranteed bit rate DL in RAB parameters. NOTE! This counter includes SRNS relocations, inter-RNC intra-frequency hard handovers, inter-RNC inter-frequency hard handovers and inter-system hard handovers.	Sum, nkrttbh, tot
rab_act_rel_cs_stream_guar_bit_rate_dl_due_to_unspec_error_in_cn	nok_nkrn_acrabactrlcsdt_tab.wxjpl0dafq2ahdvuj02uauibev	INTEGER	#	Number of RAB active releases for CS streaming class calls due to unspecified error received from CN in case of RAB has DL resources according to guaranteed bit rate DL in RAB parameters. This is	Sum, nkrttbh, tot

				only possible for CS non- transparent data in streaming class.	
rab_act_rel_cs_stream_guar_bit_rate_ul_due_to_pre_emption	nok_nkrn_acrabactrlcsdt_tab.tfrgxrdahl26seccb00hw01qk4	INT8	#	The number of RAB active releases for CS streaming calls due to pre-emption when RAB has UL resources reserved according to guaranteed bit rate in uplink.	Sum, nkrttbh, tot
rab_act_rel_cs_stream_guar_bit_rate_ul_due_to_srnc_reloc	nok_nkrn_acrabactrlcsdt_tab.tfp3oyhahl26seccb00hw01qk4	INT8	#	The number of RAB active releases for CS streaming class calls due to SRNC relocation in case RAB has UL resources according to guaranteed bit rate UL in RAB parameters. NOTE! This counter includes SRNS relocations, inter-RNC intra-frequency hard handovers, inter-RNC inter-frequency hard handovers and inter-system hard handovers.	Sum, nkrttbh, tot
rab_act_rel_cs_stream_guar_bit_rate_ul_due_to_unspec_error_in_cn	nok_nkrn_acrabactrlcsdt_tab.wxjpl0bafq2ahdvuj02uauibev	INTEGER	#	Number of RAB active releases for CS streaming class calls due to unspecified error received from CN in case of RAB has UL resources according to guaranteed bit rate	Sum, nkrttbh, tot

				UL in RAB parameters. This is only possible for CS non- transparent data in streaming class.	
rab_act_rel_cs_voice_due_to_unspec_error_in_cn	nok_nkrn_acrabactrlcsdt_tab.wxjpl02afq2ahdvuj02uauibev	INTEGER	#	Number of RAB active releases for CS voice calls due to unspecified error received from CN.	Sum, nkrttbh, tot
rab_active_releases_due_to_preemption_for_cs_data_conv	nok_nkrn_acrabactrlcsdt_tab.tflt6stahl26seccb00hw01qk4	INT8	#	A number of RAB active releases for CS data calls with conversational class due to pre emption	Sum, nkrttbh, tot
rab_active_releases_due_to_preemption_for_cs_data_stream	nok_nkrn_acrabactrlcsdt_tab.tfnx44pahl26seccb00hw01qk4	INT8	#	A number of RAB active releases for CS data calls with streaming class due to pre emption	Sum, nkrttbh, tot
rab_active_releases_due_to_srnc_reloc_for_cs_data_conv	nok_nkrn_acrabactrlcsdt_tab.tfkogepahl26seccb00hw01qk4	INT8	#	A number of RAB active releases for CS data calls with conversational class due to SRNC relocation. Note this counter includes both SRNS relocations and inter RNC intra frequency hard handovers	Sum, nkrttbh, tot
rab_active_releases_due_to_srnc_reloc_for_cs_data_stream	nok_nkrn_acrabactrlcsdt_tab.tfmvellahl26seccb00hw01qk4	INT8	#	A number of RAB active releases for CS data calls with streaming class due to SRNC	Sum, nkrttbh, tot

This edition applies to IBM® Tivoli® Netcool® Performance Manager for Wireless and to all subsequent releases and modifications until otherwise indicated in new editions.

				relocation. Note this counter includes both SRNS relocations and inter RNC intra frequency hard handovers	

6.34.17RNC.Nokia.UMTS.anchoring.rab.active_release_cs_voice

RNC anchoring:RAB - Active releases for CS voice service statistics

KPI Name	Expression	Data Type	Units	Description	Aggregation
rab_act_rel_cs_voice_pre_lic	nok_nkrn_acrabactrlcsvo_tab.w2cvnq6dnq2aicsdb02uaxybdk	INTEGER	#	The number of RAB releases due to pre-emption due to capacity license exceeded for CS voice calls. Also counter M1001C144 RAB ACTIVE RELEASES DUE TO PRE-EMPTION FOR CS VOICE is updated along with this counter.	Sum, nkrttbh, tot
rab_active_releases_due_to_preemption_for_cs_voice	nok_nkrn_acrabactrlcsvo_tab.tfuvvrxahl26seccb00hw01qk4	INT8	#	A number of RAB active releases for CS voice calls due to pre emption	Sum, nkrttbh, tot
rab_active_releases_due_to_srnc_reloc_for_cs_voice	nok_nkrn_acrabactrlcsvo_tab.tftql3lahl26seccb00hw01qk4	INT8	#	A number of RAB active releases for CS voice calls due to SRNC relocation. Note this counter includes both SRNS relocations and inter RNC intra frequency hard handovers	Sum, nkrttbh, tot

6.34.18RNC.Nokia.UMTS.anchoring.rab.active_release_ps_data

RNC anchoring:RAB - Active releases for PS data service statistics

KPI Name	Expression	Data Type	Units	Description	Aggregation
rab_act_rel_ps_bacg_due_to_unspec_error_in_cn	nok_nkrn_acrabactrlpsdt_tab.wxjpl0jafq2ahdvuj02uauibev	INTEGER	#	Number of RAB active releases for PS background class calls due to unspecified error received from CN.	Sum, nkrttbh, tot
rab_act_rel_ps_interact_due_to_unspec_error_in_cn	nok_nkrn_acrabactrlpsdt_tab.wxjpl0hafq2ahdvuj02uauibev	INTEGER	#	Number of RAB active releases for PS interactive class calls due to unspecified error received from CN.	Sum, nkrttbh, tot
rab_act_rel_ps_stream_due_to_unspec_error_in_cn	nok_nkrn_acrabactrlpsdt_tab.wxjpl0fafq2ahdvuj02uauibev	INTEGER	#	Number of RAB active releases for PS streaming class calls due to unspecified error received from CN.	Sum, nkrttbh, tot
rab_act_rel_ps_stream_guar_bit_rate_dl_due_to_pre_emption	nok_nkrn_acrabactrlpsdt_tab.tgabqgdahl26seccb00hw01qk4	INT8	#	The number of RAB active releases for PS streaming calls due to pre-emption in case RAB has DL resources according to guaranteed bit rate DL in RAB parameters.	Sum, nkrttbh, tot
rab_act_rel_ps_stream_guar_bit_rate_dl_due_to_srnc_rel	nok_nkrn_acrabactrlpsdt_tab.tg51uo6ahl26seccb00hw01qk4	INT8	#	The number of RAB active releases for PS streaming	Sum, nkrttbh, tot

oc				class calls due to SRNC relocation in case RAB has DL resources according to guaranteed bit rate DL in RAB parameters. NOTE! This counter includes SRNS relocations, inter-RNC intra-frequency hard handovers, inter-RNC inter-frequency hard handovers and inter-system hard handovers.	
rab_act_rel_ps_stream_guar_bit_rate_dl_due_to_unspec_error_in_cn	nok_nkrn_acrabactrlpsdt_tab.wxjpl0nafq2ahdvuj02uauibev	INTEGER	#	Number of RAB active releases for PS streaming class calls due to unspecified error received from CN in case of RAB has DL resources according to guaranteed bit rate DL in RAB parameters.	Sum, nkrttbh, tot
rab_act_rel_ps_stream_guar_bit_rate_ul_due_to_pre_emption	nok_nkrn_acrabactrlpsdt_tab.tg63rslahl26seccb00hw01qk4	INT8	#	The number of RAB active releases for PS streaming calls due to pre-emption in case RAB has UL resources according to guaranteed bit rate UL in RAB parameters.	Sum, nkrttbh, tot
rab_act_rel_ps_stream_guar_bit_rate_ul_due_to_srnc_reloc	nok_nkrn_acrabactrlpsdt_tab.tg3vchlahl26seccb00hw01qk4	INT8	#	The number of RAB active releases for PS streaming class calls due to	Sum, nkrttbh, tot

				SRNC relocation in case RAB has UL resources according to guaranteed bit rate UL in RAB parameters. NOTE! This counter includes SRNS relocations, inter-RNC intra-frequency hard handovers, inter-RNC inter-frequency hard handovers and inter-system hard handovers.	
rab_act_rel_ps_stream_guar_bit_rate_ul_due_to_unspec_error_in_cn	nok_nkrn_acrabactrlpsdt_tab.wxjpl0lafq2ahdvuj02uauibev	INTEGER	#	Number of RAB active releases for PS streaming class calls due to unspecified error received from CN in case of RAB has UL resources according to guaranteed bit rate UL in RAB parameters.	Sum, nkrttbh, tot
rab_active_releases_due_to_preemption_for_ps_data_conv	nok_nkrn_acrabactrlpsdt_tab.tfx6qyhahl26seccb00hw01qk4	INT8	#	- Obsolete in RN2.2 - A number of RAB active releases for PS data calls due to pre emption	Sum, nkrttbh, tot
rab_active_releases_due_to_preemption_for_ps_data_stream	nok_nkrn_acrabactrlpsdt_tab.tg0fx1tahl26seccb00hw01qk4	INT8	#	A number of RAB active releases for PS data calls with streaming class due to pre emption.	Sum, nkrttbh, tot

This edition applies to IBM® Tivoli® Netcool® Performance Manager for Wireless and to all subsequent releases and modifications until otherwise indicated in new editions.

rab_active_releases_due_to_srnc_reloc_for_ps_data_backg	nok_nkrn_acrabactrlpsdt_tab.tg2q6ihahl26seccb00hw01qk4	INT8	#	A number of RAB active releases for PS data calls with interactive class due to SRNC relocation. Note this counter includes both SRNS relocations and inter RNC intra frequency hard handovers	Sum, nkrttbh, tot
rab_active_releases_due_to_srnc_reloc_for_ps_data_conv	nok_nkrn_acrabactrlpsdt_tab.tfw2ejdahl26seccb00hw01qk4	INT8	#	- Obsolete in RN2.2 - A number of RAB active releases for PS data calls with conservational class due to SRNC relocation. Note this counter includes both SRNS relocations and inter RNC intra frequency hard handovers	Sum, nkrttbh, tot
rab_active_releases_due_to_srnc_reloc_for_ps_data_intera	nok_nkrn_acrabactrlpsdt_tab.tg1kq26ahl26seccb00hw01qk4	INT8	#	A number of RAB active releases for PS data calls with background class due to SRNC relocation. Note this counter includes both SRNS relocations and inter RNC intra frequency hard handovers	Sum, nkrttbh, tot
rab_active_releases_due_to_srnc_reloc_for_ps_data_stream	nok_nkrn_acrabactrlpsdt_tab.tfybjyxahl26seccb00hw01qk4	INT8	#	A number of RAB active releases for PS data calls with streaming class due to SRNC relocation. Note this counter	Sum, nkrttbh, tot

				includes both SRNS relocations and inter RNC intra frequency hard handovers	

6.34.19RNC.Nokia.UMTS.anchoring.rab.connections_in_cs

RAB CS connection measurements

KPI Name	Expression	Data Type	Units	Description	Aggregation
rab_cs_amr_122_enters_new_ref_cell	nok_ach_rab_conn_in_cs_tab.wxjpl2jafq2ahdvuj02uauibev	INTEGER	#	The number of RAB CS AMR 12.2 kbit/s connections that enter a new reference cell.	Sum, nkrttbh, tot
rab_cs_data_conv_64_enters_new_ref_cell	nok_ach_rab_conn_in_cs_tab.wxjpl2lafq2ahdvuj02uauibev	INTEGER	#	The number of RAB CS data conversational 64 kbit/s connections that enter a new reference cell.	Sum, nkrttbh, tot
rab_cs_data_conv_enters_new_ref_cell	nok_ach_rab_conn_in_cs_tab.wxjpl26afq2ahdvuj02uauibev	INTEGER	#	The number of RAB CS data connections that enter a new reference cell.	Sum, nkrttbh, tot
rab_cs_data_stream_144_enters_new_ref_cell	nok_ach_rab_conn_in_cs_tab.wxjpl2nafq2ahdvuj02uauibev	INTEGER	#	The number of RAB CS data streaming 14.4 kbit/s connections that enter a new reference cell.	Sum, nkrttbh, tot
rab_cs_data_stream_enters_new_ref_cell	nok_ach_rab_conn_in_cs_tab.wxjpl2bafq2ahdvuj02uauibev	INTEGER	#	The number of RAB CS streaming connections that	Sum, nkrttbh, tot

				enter a new reference cell.	
rab_cs_streaming_576_enters_new_ref_cell	nok_ach_rab_conn_in_cs_tab.wxjpl2pafq2ahdvuj02uauibev	INTEGER	#	The number of RAB CS data streaming 14.4 kbit/s connections that enter a new reference cell.	Sum, nkrttbh, tot
rab_cs_voice_enters_new_ref_cell	nok_ach_rab_conn_in_cs_tab.wxjpl24afq2ahdvuj02uauibev	INTEGER	#	The number of RAB CS voice connections that enter a new reference cell.	Sum, nkrttbh, tot
rab_ps_streaming_16_64_guar_16_64_enters_new_ref_cell	nok_ach_rab_conn_in_cs_tab.wxjpl2rafq2ahdvuj02uauibev	INTEGER	#	The number of RAB CS data streaming with maximum and guaranteed bit rates 16 kbit/s for uplink and 64 kbit/s for downlink connections that enter a new reference cell.	Sum, nkrttbh, tot
rab_ps_streaming_16_64_guar_8_32_enters_new_ref_cell	nok_ach_rab_conn_in_cs_tab.wxjpl2tafq2ahdvuj02uauibev	INTEGER	#	The number of RAB CS data streaming with maximum bit rates 16 kbit/s for uplink and 64 kbit/s for downlink and guaranteed bit rates 8 kbit/s for uplink and 32 kbit/s for downlink connections that enter a new reference cell.	Sum, nkrttbh, tot

6.34.20RNC.Nokia.UMTS.anchoring.rab.connections_in_ps

RAB PS connection measurements

KPI Name	Expression	Data Type	Units	Description	Aggregation
rab_ps_data_backg_enters_new_ref_cell	nok_ach_rab_conn_in_ps_tab.wxjpl2hafq2ahdvuj02uauibev	INTEGER	#	The number of RAB PS background connections that enter a new reference cell.	Sum, nkrttbh, tot
rab_ps_data_intera_enters_new_ref_cell	nok_ach_rab_conn_in_ps_tab.wxjpl2fafq2ahdvuj02uauibev	INTEGER	#	The number of RAB PS interactive connections that enter a new reference cell.	Sum, nkrttbh, tot
rab_ps_data_stream_enters_new_ref_cell	nok_ach_rab_conn_in_ps_tab.wxjpl2dafq2ahdvuj02uauibev	INTEGER	#	The number of RAB PS streaming connections+E4 reference cell.	Sum, nkrttbh, tot
rab_ps_nrt_128_128_enters_new_ref_cell	nok_ach_rab_conn_in_ps_tab.wxjpl36afq2ahdvuj02uauibev	INTEGER	#	The number of RAB PS NRT 128 kbit/s uplink and 128 kbit/s downlink connections that enter a new reference cell.	Sum, nkrttbh, tot
rab_ps_nrt_128_384_enters_new_ref_cell	nok_ach_rab_conn_in_ps_tab.wxjpl3bafq2ahdvuj02uauibev	INTEGER	#	The number of RAB PS NRT 128 kbit/s uplink and 384 kbit/s downlink connections that enter a new reference cell.	Sum, nkrttbh, tot
rab_ps_nrt_128_64_enters_new_ref_cell	nok_ach_rab_conn_in_ps_tab.wxjpl34afq2ahdvuj02uauibev	INTEGER	#	The number of RAB PS NRT 128 kbit/s uplink and 64 kbit/s downlink connections that enter a new	Sum, nkrttbh, tot

				reference cell.	
rab_ps_nrt_384_384_enters_new_ref_cell	nok_ach_rab_conn_in_ps_tab.wxjpl3dafq2ahdvuj02uauibev	INTEGER	#	The number of RAB PS NRT 384 kbit/s uplink and 384 kbit/s downlink connections that enter a new reference cell.	Sum, nkrttbh, tot
rab_ps_nrt_384_64_enters_new_ref_cell	nok_ach_rab_conn_in_ps_tab.wxjpl3fafq2ahdvuj02uauibev	INTEGER	#	The number of RAB PS NRT 384 kbit/s uplink and 64 kbit/s downlink connections that enter a new reference cell.	Sum, nkrttbh, tot
rab_ps_nrt_64_128_enters_new_ref_cell	nok_ach_rab_conn_in_ps_tab.wxjpl2xafq2ahdvuj02uauibev	INTEGER	#	The number of RAB PS NRT 64 kbit/s uplink and 128 kbit/s downlink connections that enter a new reference cell.	Sum, nkrttbh, tot
rab_ps_nrt_64_256_enters_new_ref_cell	nok_ach_rab_conn_in_ps_tab.wxjpl30afq2ahdvuj02uauibev	INTEGER	#	The number of RAB PS NRT 64 kbit/s uplink and 256 kbit/s downlink connections that enter a new reference cell.	Sum, nkrttbh, tot
rab_ps_nrt_64_384_enters_new_ref_cell	nok_ach_rab_conn_in_ps_tab.wxjpl32afq2ahdvuj02uauibev	INTEGER	#	The number of RAB PS NRT 64 kbit/s uplink and 384 kbit/s downlink connections that enter a new reference cell.	Sum, nkrttbh, tot
rab_ps_nrt_64_64_enters_new_ref_cell	nok_ach_rab_conn_in_ps_tab.wxjpl2vafq2ahdvuj02uauibev	INTEGER	#	The number of RAB PS NRT 64 kbit/s uplink and 64 kbit/s downlink connections that enter a new	Sum, nkrttbh, tot

				reference cell.	

6.34.21RNC.Nokia.UMTS.anchoring.rab.connections_out_cs

RAB CS connection measurements

KPI Name	Expression	Data Type	Units	Description	Aggregation
rab_cs_amr_122_leaves_old_ref_cell	nok_ach_rab_conn_out_cs_tab.wxjpl14afq2ahdvuj02uauibev	INTEGER	#	The number of RAB CS AMR 12.2 kbit/s connections that have left from the old reference cell.	Sum, nkrttbh, tot
rab_cs_data_conv_64_leaves_old_ref_cell	nok_ach_rab_conn_out_cs_tab.wxjpl16afq2ahdvuj02uauibev	INTEGER	#	The number of RAB CS data conversational 64 kbit/s connections that have left from the old reference cell.	Sum, nkrttbh, tot
rab_cs_data_conv_leaves_old_ref_cell	nok_ach_rab_conn_out_cs_tab.wxjpl0tafq2ahdvuj02uauibev	INTEGER	#	The number of RAB CS data connections that have left from the old reference cell.	Sum, nkrttbh, tot
rab_cs_data_stream_144_leaves_old_ref_cell	nok_ach_rab_conn_out_cs_tab.wxjpl1bafq2ahdvuj02uauibev	INTEGER	#	The number of RAB CS data streaming 14.4 kbit/s connections that have left from the old reference cell.	Sum, nkrttbh, tot
rab_cs_data_stream_leaves_old_ref_cell	nok_ach_rab_conn_out_cs_tab.wxjpl0vafq2ahdvuj02uauibev	INTEGER	#	The number of RAB CS streaming connections that have left from the old reference cell.	Sum, nkrttbh, tot

rab_cs_streaming_576_leaves_old_ref_cell	nok_ach_rab_conn_out_cs_tab.wxjpl1dafq2ahdvuj02uauibev	INTEGER	#	The number of RAB CS data streaming 57.6 kbit/s connections that have left from the old reference cell.	Sum, nkrttbh, tot
rab_cs_voice_leaves_old_ref_cell	nok_ach_rab_conn_out_cs_tab.wxjpl0rafq2ahdvuj02uauibev	INTEGER	#	The number of RAB CS voice connections that have left from the old reference cell.	Sum, nkrttbh, tot
rab_ps_streaming_16_64_guar_16_64_leaves_old_ref_cell	nok_ach_rab_conn_out_cs_tab.wxjpl1fafq2ahdvuj02uauibev	INTEGER	#	The number of RAB CS data streaming with maximum and guaranteed bit rates 16 kbit/s for uplink and 64 kbit/s for downlink connections that have left from the old reference cell.	Sum, nkrttbh, tot
rab_ps_streaming_16_64_guar_8_32_leaves_old_ref_cell	nok_ach_rab_conn_out_cs_tab.wxjpl1hafq2ahdvuj02uauibev	INTEGER	#	The number of RAB CS data streaming with maximum and guaranteed bit rates 16 kbit/s for uplink and 64 kbit/s for downlink and guaranteed bit rates 8 kbit/s for uplink and 32 kbit/s for downlink connections that have left from the old reference cell.	Sum, nkrttbh, tot

6.34.22RNC.Nokia.UMTS.anchoring.rab.connections_out_ps

RAB PS connection measurements

KPI Name	Expression	Data Type	Units	Description	Aggregation

rab_ps_data_backg_leaves_old_ref_cell	nok_ach_rab_conn_out_ps_tab.wxjpl12afq2ahdvuj02uauibev	INTEGER	#	The number of RAB PS background connections that have left from the old reference cell.	Sum, nkrttbh, tot
rab_ps_data_intera_leaves_old_ref_cell	nok_ach_rab_conn_out_ps_tab.wxjpl10afq2ahdvuj02uauibev	INTEGER	#	The number of RAB PS interactive connections that have left from the old reference cell.	Sum, nkrttbh, tot
rab_ps_data_stream_leaves_old_ref_cell	nok_ach_rab_conn_out_ps_tab.wxjpl0xafq2ahdvuj02uauibev	INTEGER	#	The number of RAB PS streaming connections that have left from the old reference cell.	Sum, nkrttbh, tot
rab_ps_nrt_128_128_leaves_old_ref_cell	nok_ach_rab_conn_out_ps_tab.wxjpl1tafq2ahdvuj02uauibev	INTEGER	#	The number of RAB PS NRT 128 kbit/s uplink and 128 kbit/s downlink connections that have left from the old reference cell.	Sum, nkrttbh, tot
rab_ps_nrt_128_384_leaves_old_ref_cell	nok_ach_rab_conn_out_ps_tab.wxjpl1vafq2ahdvuj02uauibev	INTEGER	#	The number of RAB PS NRT 128 kbit/s uplink and 384 kbit/s downlink connections that have left from the old reference cell.	Sum, nkrttbh, tot
rab_ps_nrt_128_64_leaves_old_ref_cell	nok_ach_rab_conn_out_ps_tab.wxjpl1rafq2ahdvuj02uauibev	INTEGER	#	The number of RAB PS NRT 128 kbit/s uplink and 64 kbit/s downlink connections that have left from the old reference cell.	Sum, nkrttbh, tot

This edition applies to IBM® Tivoli® Netcool® Performance Manager for Wireless and to all subsequent releases and modifications until otherwise indicated in new editions.

rab_ps_nrt_384_384_leaves_old_ref_cell	nok_ach_rab_conn_out_ps_tab.wxjpl1xafq2ahdvuj02uauibev	INTEGER	#	The number of RAB PS NRT 384 kbit/s uplink and 384 kbit/s downlink connections that have left from the old reference cell.	Sum, nkrttbh, tot
rab_ps_nrt_384_64_leaves_old_ref_cell	nok_ach_rab_conn_out_ps_tab.wxjpl20afq2ahdvuj02uauibev	INTEGER	#	The number of RAB PS NRT 384 kbit/s uplink and 64 kbit/s downlink connections that have left from the old reference cell.	Sum, nkrttbh, tot
rab_ps_nrt_64_128_leaves_old_ref_cell	nok_ach_rab_conn_out_ps_tab.wxjpl1lafq2ahdvuj02uauibev	INTEGER	#	The number of RAB PS NRT 64 kbit/s uplink and 128 kbit/s downlink connections that have left from the old reference cell.	Sum, nkrttbh, tot
rab_ps_nrt_64_256_leaves_old_ref_cell	nok_ach_rab_conn_out_ps_tab.wxjpl1nafq2ahdvuj02uauibev	INTEGER	#	The number of RAB PS NRT 64 kbit/s uplink and 256 kbit/s downlink connections that have left from the old reference cell.	Sum, nkrttbh, tot
rab_ps_nrt_64_384_leaves_old_ref_cell	nok_ach_rab_conn_out_ps_tab.wxjpl1pafq2ahdvuj02uauibev	INTEGER	#	The number of RAB PS NRT 64 kbit/s uplink and 384 kbit/s downlink connections that have left from the old reference cell.	Sum, nkrttbh, tot
rab_ps_nrt_64_64_leaves_old_ref_cell	nok_ach_rab_conn_out_ps_tab.wxjpl1jafq2ahdvuj02uauibev	INTEGER	#	The number of RAB PS NRT 64 kbit/s uplink and 64 kbit/s downlink connections that have left from the old reference cell.	Sum, nkrttbh, tot

6.34.23RNC.Nokia.UMTS.anchoring.rab.control_procedures

RNC anchoring:RAB - RAB control procedure related statistics

KPI Name	Expression	Data Type	Units	Description	Aggregation
phy_ch_reconf_comp	nok_ach_rab_ctrl_proc_tab.tgjreedahl26seccb00hw01qk4	INT8	#	A number of physical channel reconfigurations completed.	Sum, nkrttbh, tot
phy_ch_reconf_fail_due_to_unsupported_configuration	nok_ach_rab_ctrl_proc_tab.tgog6m2ahl26seccb00hw01qk4	INT8	#	The number of physical channel reconfiguration failures due to unsupported configuration.	Sum, nkrttbh, tot
phy_ch_reconf_fail	nok_ach_rab_ctrl_proc_tab.tgnanahahl26seccb00hw01qk4	INT8	#	The number of all the physical channel reconfiguration failures.	Sum, nkrttbh, tot
phy_ch_reconf	nok_ach_rab_ctrl_proc_tab.tgimel2ahl26seccb00hw01qk4	INT8	#	A number of physical channel reconfigurations.	Sum, nkrttbh, tot
radio_bearer_reconf_complete	nok_ach_rab_ctrl_proc_tab.tgew6qtahl26seccb00hw01qk4	INT8	#	Number of radio bearer reconfigurations completed	Sum, nkrttbh, tot
radio_bearer_reconf_fail_due_to_unsupported_configuration	nok_ach_rab_ctrl_proc_tab.tgqkkhhahl26seccb00hw01qk4	INT8	#	The number of radio bearer reconfiguration failures due to unsupported configuration.	Sum, nkrttbh, tot
radio_bearer_reconf_fail	nok_ach_rab_ctrl_proc_tab.tgpho0tahl26seccb00hw01qk4	INT8	#	The number of all the radio bearer reconfiguration failures.	Sum, nkrttbh, tot

radio_bearer_reconf	nok_ach_rab_ctrl_proc_tab.tgdquwhahl26seccb00hw01qk4	INT8	#	A number of radio bearer reconfigurations	Sum, nkrttbh, tot
radio_bearer_release_complete	nok_ach_rab_ctrl_proc_tab.tgm2eptahl26seccb00hw01qk4	INT8	#	Number of Radio Bearer Release complete messages received.	Sum, nkrttbh, tot
radio_bearer_release	nok_ach_rab_ctrl_proc_tab.tgkvxcxahl26seccb00hw01qk4	INT8	#	Number of Radio Bearer Release messages sent.	Sum, nkrttbh, tot
radio_bearer_setup_complete	nok_ach_rab_ctrl_proc_tab.tgcm6e2ahl26seccb00hw01qk4	INT8	#	A number of radio bearer setups completed	Sum, nkrttbh, tot
radio_bearer_setup_fail_due_to_unsupported_configuration	nok_ach_rab_ctrl_proc_tab.tgsnco6ahl26seccb00hw01qk4	INT8	#	The number of radio bearer setup failures due to unsupported configuration.	Sum, nkrttbh, tot
radio_bearer_setup_fail	nok_ach_rab_ctrl_proc_tab.tgrmc52ahl26seccb00hw01qk4	INT8	#	The number of all the radio bearer setup failures.	Sum, nkrttbh, tot
radio_bearer_setup	nok_ach_rab_ctrl_proc_tab.tgbh6ddahl26seccb00hw01qk4	INT8	#	A number of radio bearer setups.	Sum, nkrttbh, tot
tran_ch_reconf_comp	nok_ach_rab_ctrl_proc_tab.tghhaptahl26seccb00hw01qk4	INT8	#	A number of transport channel reconfigurations completed.	Sum, nkrttbh, tot
tran_ch_reconf	nok_ach_rab_ctrl_proc_tab.tggcbvtahl26seccb00hw01qk4	INT8	#	A number of transport channel reconfigurations.	Sum, nkrttbh, tot
transport_format_combination_control_for_tfo	nok_ach_rab_ctrl_proc_tab.xdi26itafq2ahdvuj02uauibev	INTEGER	#	The number of sent Transport Format Combination Control messages for Tandem Free Operation.	Sum, nkrttbh, tot

6.34.24RNC.Nokia.UMTS.anchoring.rab.holding_times

RNC anchoring:RAB - Service holding time statistics

KPI Name	Expression	Data Type	Units	Description	Aggregation
ave_rab_holding_time_for_cs_data_call_with_conversational_class	nok_ach_rab_hold_tim_tab.tgvxdbxahl26seccb00hw01qk4	INTEGER	10ms	Measuring the holding time of a cs data call with conversational class	Average, avg, max, min, nkrttbh, tot
ave_rab_holding_time_for_cs_data_call_with_streaming_class	nok_ach_rab_hold_tim_tab.tgyn2atahl26seccb00hw01qk4	INTEGER	10ms	Measuring the holding time of a cs data call with streaming class	Average, avg, max, min, nkrttbh, tot
ave_rab_holding_time_for_cs_voice_call	nok_ach_rab_hold_tim_tab.tgtpwvxahl26seccb00hw01qk4	INTEGER	10ms	Measuring the holding time of a cs voice call	Average, avg, max, min, nkrttbh, tot
ave_rab_holding_time_for_ps_call_with_background_class	nok_ach_rab_hold_tim_tab.thbtoqtahl26seccb00hw01qk4	INTEGER	10ms	Measures the average RAB holding time of PS data calls with background class	Average, avg, max, min, nkrttbh, tot
ave_rab_holding_time_for_ps_call_with_interactive_class	nok_ach_rab_hold_tim_tab.th6kxp6ahl26seccb00hw01qk4	INTEGER	10ms	Measures the average RAB holding time of PS data calls with interactive class	Average, avg, max, min, nkrttbh, tot
ave_rab_holding_time_for_ps_call_with_streaming_class	nok_ach_rab_hold_tim_tab.th4asoxahl26seccb00hw01qk4	INTEGER	10ms	Measures the average RAB holding time of PS data calls with streaming class	Average, avg, max, min, nkrttbh, tot
average_dch_holding_time_for_ps_ra	nok_ach_rab_hold_tim_tab.thg1srlahl26seccb00hw01	INTEGER	10ms	Average DCH holding time for PS	Average, avg, max,

b_with_background_class	qk4			RAB with background class	min, nkrttbh, tot
average_dch_holding_time_for_ps_rab_with_interactive_class	nok_ach_rab_hold_tim_tab.thdw5elahl26seccb00hw01qk4	INTEGER	10ms	Average DCH holding time for PS RAB with interactive class	Average, avg, max, min, nkrttbh, tot
denom_hold_tm_ref_cell_amr_122	nok_ach_rab_hold_tim_tab.wxjpl3vafq2ahdvuj02uauibev	INTEGER	#	Denominator for RAB holding time in reference cell for AMR 12.2 kbit/s calls.	Sum, nkrttbh, tot
denom_hold_tm_ref_cell_cs_conv_64	nok_ach_rab_hold_tim_tab.x4iqmnjafq2ahdvuj02uauibev	INTEGER	#	Denominator for RAB holding time in reference cell for CS conversational class 64 kbit/s calls.	Sum, nkrttbh, tot
denom_hold_tm_ref_cell_cs_conv	nok_ach_rab_hold_tim_tab.wxjpl3nafq2ahdvuj02uauibev	INTEGER	#	Denominator for RAB holding time in reference cell for CS conversational class calls.	Sum, nkrttbh, tot
denom_hold_tm_ref_cell_cs_stream_576	nok_ach_rab_hold_tim_tab.x4iqmnrafq2ahdvuj02uauibev	INTEGER	#	Denominator for RAB holding time in reference cell for CS streaming class 57.6 kbit/s calls.	Sum, nkrttbh, tot
denom_hold_tm_ref_cell_cs_stream	nok_ach_rab_hold_tim_tab.wxjpl3rafq2ahdvuj02uauibev	INTEGER	#	Denominator for RAB holding time in reference cell for CS streaming class calls.	Sum, nkrttbh, tot
denom_hold_tm_ref_cell_cs_streaming_144	nok_ach_rab_hold_tim_tab.x4iqmnnafq2ahdvuj02uauibev	INTEGER	#	Denominator for RAB holding time in reference cell for CS streaming class 14.4 kbit/s calls.	Sum, nkrttbh, tot
denom_hold_tm_ref_cell_cs_voice	nok_ach_rab_hold_tim_tab.wxjpl3jafq2ahdvuj02uauibev	INTEGER	#	Denominator for RAB holding time in reference cell for	Sum, nkrttbh, tot

				CS voice calls.	
denominator_for_cs_amr_multimode	nok_ach_rab_hold_tim_tab.wxjpkyxafq2ahdvuj02uauibev	INTEGER	#	Denominator for RAB holding time for CS AMR Multimode calls.	Sum, nkrttbh, tot
denominator_for_cs_conversational_64	nok_ach_rab_hold_tim_tab.thjhw32ahl26seccb00hw01qk4	INT8	#	Denominator for RAB holding time for CS Conversational 64 kbps data calls.Denominator for RAB holding time for CS Conversational 64 kbps data calls.	Sum, nkrttbh, tot
denominator_for_cs_streaming_14_4	nok_ach_rab_hold_tim_tab.thlpyaxahl26seccb00hw01qk4	INT8	#	Denominator for RAB holding time for CS Streaming 14.4 kbps data calls.Denominator for RAB holding time for CS Streaming 14.4 kbps data calls.	Sum, nkrttbh, tot
denominator_for_cs_streaming_57_6	nok_ach_rab_hold_tim_tab.tho0m5dahl26seccb00hw01qk4	INT8	#	Denominator for RAB holding time for CS Streaming 57.6 kbps data calls.Denominator for RAB holding time for CS Streaming 57.6 kbps data calls.	Sum, nkrttbh, tot
denominator_for_dch_holding_time_for_ps_data_backg	nok_ach_rab_hold_tim_tab.thh3l02ahl26seccb00hw01qk4	INTEGER	#	Denominator for DCH holding time PS call with background class	Average, avg, max, min, nkrttbh, tot

This edition applies to IBM® Tivoli® Netcool® Performance Manager for Wireless and to all subsequent releases and modifications until otherwise indicated in new editions.

denominator_for_dch_holding_time_for_ps_data_intera	nok_ach_rab_hold_tim_tab.thewgklahl26seccb00hw01qk4	INTEGER	10ms	Denominator for DCH holding time PS call with interactive class	Average, avg, max, min, nkrttbh, tot
denominator_for_rab_holding_time_for_cs_data_conv	nok_ach_rab_hold_tim_tab.tgx4342ahl26seccb00hw01qk4	INTEGER	10ms	Denominator for RAB holding time cs data calls with conversational class	Average, avg, max, min, nkrttbh, tot
denominator_for_rab_holding_time_for_cs_data_stream	nok_ach_rab_hold_tim_tab.th0sv0dahl26seccb00hw01qk4	INTEGER	10ms	Denominator for RAB holding time of CS data calls with streaming class	Average, avg, max, min, nkrttbh, tot
denominator_for_rab_holding_time_for_cs_voice	nok_ach_rab_hold_tim_tab.tguvdjtahl26seccb00hw01qk4	INTEGER	10ms	Denominator for RAB holding time cs voice calls	Average, avg, max, min, nkrttbh, tot
denominator_for_rab_holding_time_for_ps_data_backg	nok_ach_rab_hold_tim_tab.thcv0m6ahl26seccb00hw01qk4	INTEGER	10ms	Denominator for RAB holding time of PS calls with background class	Average, avg, max, min, nkrttbh, tot
denominator_for_rab_holding_time_for_ps_data_conv	nok_ach_rab_hold_tim_tab.th32tm6ahl26seccb00hw01qk4	INTEGER	10ms	- Obsolete in RN2.2 - Denominator for RAB holding time of PS calls with conversational class	Average, avg, max, min, nkrttbh, tot
denominator_for_rab_holding_time_for_ps_data_intera	nok_ach_rab_hold_tim_tab.thaqjx2ahl26seccb00hw01qk4	INTEGER	10ms	Denominator for RAB holding time of PS calls with interactive class	Average, avg, max, min, nkrttbh, tot
denominator_for_rab_holding_time_for_ps_data_stream	nok_ach_rab_hold_tim_tab.th5glldahl26seccb00hw01qk4	INTEGER	10ms	Denominator for RAB holding time of PS calls with streaming class	Average, avg, max, min, nkrttbh, tot
rab_hold_time_in_r	nok_ach_rab_hold_tim_tab	INTEG	Sec	RAB holding time	Sum,

ef_cell_cs_streaming_144	.x4iqmnlafq2ahdvuj02uauibev	ER		in reference cell for CS streaming class 14.4 kbit/s calls. This counter divided by the Denominator for RAB holding time in reference cell for CS streaming class 14.4 kbit/s calls gives an average holding time for the call type in question.	nkrttbh, tot
rab_hold_time_in_ref_cell_cs_streaming_576	nok_ach_rab_hold_tim_tab.x4iqmnpafq2ahdvuj02uauibev	INTEGER	Sec	RAB holding time in reference cell for CS streaming class 57.6 kbit/s calls. This counter divided by the Denominator for RAB holding time in reference cell for CS streaming class 57.6 kbit/s calls gives an average holding time for the call type in question.	Sum, nkrttbh, tot
rab_hold_time_in_ref_cell_for_amr_122	nok_ach_rab_hold_tim_tab.wxjpl3tafq2ahdvuj02uauibev	INTEGER	Sec	lding time in reference cell for AMR 12.2 kbit/s calls gives an average holding time for the call type in question.	Sum, nkrttbh, tot
rab_hold_time_in_ref_cell_for_cs_conv_64	nok_ach_rab_hold_tim_tab.wxjpl3xafq2ahdvuj02uauibev	INTEGER	Sec	RAB holding time in reference cell for CS conversational	Sum, nkrttbh, tot

This edition applies to IBM® Tivoli® Netcool® Performance Manager for Wireless and to all subsequent releases and modifications until otherwise indicated in new editions.

				class 64 kbit/s calls. This counter divided by the Denominator for RAB holding time in reference cell for CS conversational class 64 kbit/s calls gives an average holding time for the call type in question.	
rab_hold_time_in_ref_cell_for_cs_conv	nok_ach_rab_hold_tim_tab.wxjpl3lafq2ahdvuj02uauibev	INTEGER	Sec	RAB holding time in reference cell for CS conversational class calls. This counter divided by the Denominator for RAB holding time in reference cell for CS voice calls gives an average holding time for the call type in question.	Sum, nkrttbh, tot
rab_hold_time_in_ref_cell_for_cs_stream	nok_ach_rab_hold_tim_tab.wxjpl3pafq2ahdvuj02uauibev	INTEGER	Sec	RAB holding time in reference cell for CS streaming class calls. This counter divided by the Denominator for RAB holding time in reference cell for CS streaming class calls gives an average holding time for the call type in question.	Sum, nkrttbh, tot
rab_hold_time_in_ref_cell_for_cs_voice	nok_ach_rab_hold_tim_tab.wxjpl3hafq2ahdvuj02uauibev	INTEGER	Sec	RAB holding time in reference cell for CS voice calls. This counter divided by the Denominator for RAB holding time in reference cell for	Sum, nkrttbh, tot

				CS voice calls gives an average holding time for the call type in question.	
rab_holding_time_cs_amr_multimode	nok_ach_rab_hold_tim_tab.wxjpkyvafq2ahdvuj02uauibev	INTEGER	Sec	This counter measures the RAB holding time of a CS AMR Multimode call. This counter divided by the denominator gives the average RAB holding time for the RAB type in question.	Sum, nkrttbh, tot
rab_holding_time_cs_conversational_64	nok_ach_rab_hold_tim_tab.thicdylahl26seccb00hw01qk4	FLOAT	Sec	This counter measures the RAB holding time of a CS Conversational 64 kpbs data call. This counter divided by the denominator gives the average RAB holding time for the RAB type in question.	Sum, nkrttbh, tot
rab_holding_time_cs_streaming_14_4	nok_ach_rab_hold_tim_tab.thkkhqpahl26seccb00hw01qk4	FLOAT	Sec	This counter measures the RAB holding time of a CS Streaming 14.4 kbps data call. This counter divided by the denominator gives the average RAB holding time for the RAB type in question.	Sum, nkrttbh, tot

This edition applies to IBM® Tivoli® Netcool® Performance Manager for Wireless and to all subsequent releases and modifications until otherwise indicated in new editions.

rab_holding_time_cs_streaming_57_6	nok_ach_rab_hold_tim_tab.thmveelahl26seccb00hw01qk4	FLOAT	Sec	This counter measures the RAB holding time of a CS Streaming 57.6 kbps data call. This counter divided by the denominator gives the average RAB holding time for the RAB type in question.	Sum, nkrttbh, tot
sum_of_rab_holding_times_for_ps_data_conv	nok_ach_rab_hold_tim_tab.th1vyhxahl26seccb00hw01qk4	INT8	10ms	- Obsolete in RN2.2 - Sum of RAB holding times for PS data conversational calls. This counter divided by the denominator (see the Dependencies) gives the average RAB holding time of PS data conversational calls. --- RAB holding time is defined as the time	Sum, nkrttbh, tot

6.34.25RNC.Nokia.UMTS.anchoring.rab.reconfigurations

RNC anchoring:RAB - Reconfiguration statistics

KPI Name	Expression	Data Type	Units	Description	Aggregation
rab_reconf_att	nok_ach_rab_reconfig_tab.thp6xtdahl26seccb00hw01qk4	INT8	#	-Obsolete in RN2.1- A number of RAB reconfiguration attempts. Note this counter includes reconfiguration failures for all types of RAB	Sum, nkrttbh, tot
rab_reconf_fail	nok_ach_rab_reconfig_tab.thqfnxlahl26seccb00hw01q	INT8	#	-Obsolete in RN2.1- A number of RAB	Sum, nkrttbh,

	k4			reconfiguration attempts. Note this counter includes reconfiguration failures for all types of RAB	tot

6.34.26RNC.Nokia.UMTS.anchoring.rab.setup_access_complete

RNC anchoring:RAB - Setup access completions statistics

KPI Name	Expression	Data Type	Units	Description	Aggregation
rab_access_comp_cs_stream_guar_bit_rate_dl	nok_nkrn_acrabstacccomp_tab.tikrb5hahl26seccb00hw01qk4	INT8	#	The number of RAB access completed for CS streaming calls in case resources for the RAB are allocated according to guaranteed bit rate DL defined in RAB parameters. Possible only for CS non-transparent data in streaming class.	Sum, nkrttbh, tot
rab_access_comp_cs_stream_guar_bit_rate_ul	nok_nkrn_acrabstacccomp_tab.tijoebtahl26seccb00hw01qk4	INT8	#	The number of RAB access completed for CS streaming calls in case resources for the RAB are allocated according to guaranteed bit rate UL defined in RAB parameters. Possible only for CS non-transparent	Sum, nkrttbh, tot

				data in streaming class.	
rab_access_comp_ps_stream_guar_bit_rate_dl	nok_nkrn_acrabstacccomp_tab.timvms6ahl26seccb00hw01qk4	INT8	#	The number of RAB access completed for PS streaming calls in case resources for the RAB are allocated according to guaranteed bit rate DL defined in RAB parameters. Possible only for PS RT data in streaming class.	Sum, nkrttbh, tot
rab_access_comp_ps_stream_guar_bit_rate_ul	nok_nkrn_acrabstacccomp_tab.tilt6xdahl26seccb00hw01qk4	INT8	#	The number of RAB access completed for PS streaming calls in case resources for the RAB are allocated according to guaranteed bit rate UL defined in RAB parameters. Possible only for PS RT data in streaming class.	Sum, nkrttbh, tot
rab_access_complete_cs_streaming_57_6	nok_nkrn_acrabstacccomp_tab.ti2r64hahl26seccb00hw01qk4	INT8	#	Number of RAB access completions for CS Streaming 57.6 kbps.	Sum, nkrttbh, tot
rab_access_complete_cs_voice_wps	nok_nkrn_acrabstacccomp_tab.uaqacut1im2ahsxr0035xkcuai	INTEGER	#	The number of RAB access completions for CS voice calls using Wireless Priority Service. Also M1001C115 RAB ACCESS COMPLETIONS FOR CS VOICE is updated along with	Sum, nkrttbh, tot

				this counter.	
rab_access_complete_ps_nrt_128_128	nok_nkrn_acrabstacccomp_tab.tif4os2ahl26seccb00hw01qk4	INT8	#	The number of RAB access completions for PS NRT RAB with a bit rate of 128 kbps uplink/128 kbps downlink.	Sum, nkrttbh, tot
rab_access_complete_ps_nrt_128_256	nok_nkrn_acrabstacccomp_tab.uaqacuj1im2ahsxr0035xkcuai	INTEGER	#	Number of RAB access completions for PS NRT RAB with a bit rate of 128 kbps uplink/256 kbps downlink.	Sum, nkrttbh, tot
rab_access_complete_ps_nrt_128_384	nok_nkrn_acrabstacccomp_tab.tigb1w6ahl26seccb00hw01qk4	INT8	#	The number of RAB access completions for PS NRT RAB with a bit rate of 128 kbps uplink/384 kbps downlink.	Sum, nkrttbh, tot
rab_access_complete_ps_nrt_128_64	nok_nkrn_acrabstacccomp_tab.tidyvwpahl26seccb00hw01qk4	INT8	#	The number of RAB access completions for PS NRT RAB with a bit rate of 128 kbps uplink/64 kbps downlink.	Sum, nkrttbh, tot
rab_access_complete_ps_nrt_384_384	nok_nkrn_acrabstacccomp_tab.tihh55hahl26seccb00hw01qk4	INT8	#	The number of RAB access completions for PS NRT RAB with a bit rate of 384 kbps uplink/384 kbps downlink.	Sum, nkrttbh, tot
rab_access_comple	nok_nkrn_acrabstacccomp	INT8	#	The number of	Sum,

te_ps_nrt_384_64	_tab.tiijlddahl26seccb00hw01qk4			RAB access completions for PS NRT RAB with a bit rate of 384 kbps uplink/64 kbps downlink.	nkrttbh, tot
rab_access_complete_ps_nrt_64_128	nok_nkrn_acrabstacccomp_tab.tiam2rdahl26seccb00hw01qk4	INT8	#	The number of RAB access completions for PS NRT RAB with a bit rate of 64 kbps uplink/128 kbps downlink.	Sum, nkrttbh, tot
rab_access_complete_ps_nrt_64_256	nok_nkrn_acrabstacccomp_tab.tibr1lxahl26seccb00hw01qk4	INT8	#	The number of RAB access completions for PS NRT RAB with a bit rate of 64 kbps uplink/256 kbps downlink.	Sum, nkrttbh, tot
rab_access_complete_ps_nrt_64_384	nok_nkrn_acrabstacccomp_tab.tictcvtahl26seccb00hw01qk4	INT8	#	The number of RAB access completions for PS NRT RAB with a bit rate of 64 kbps uplink/384 kbps downlink.	Sum, nkrttbh, tot
rab_access_complete_ps_nrt_64_64	nok_nkrn_acrabstacccomp_tab.ti6glmxahl26seccb00hw01qk4	INT8	#	The number of RAB access completions for PS NRT RAB with a bit rate of 64 kbps uplink/64 kbps downlink.	Sum, nkrttbh, tot
rab_access_complete_ps_streaming_16_64_guar_16_64	nok_nkrn_acrabstacccomp_tab.ti3wmepahl26seccb00hw01qk4	INT8	#	The number of RAB access completions for PS Streaming RAB with a maximum bit rate of 16 kbps uplink/64 kbps downlink and guaranteed bit rate	Sum, nkrttbh, tot

				of 16 kbps uplink/64 kbps downlink.	
rab_access_complete_ps_streaming_16_64_guar_8_32	nok_nkrn_acrabstacccomp_tab.ti5aqulahl26seccb00hw01qk4	INT8	#	The number of RAB access completions for PS Streaming RAB with a maximum bit rate of 16 kbps uplink/64 kbps downlink and guaranteed bit rate of 8 kbps uplink/32 kbps downlink.	Sum, nkrttbh, tot
rab_access_completions_for_cs_data_conv_64	nok_nkrn_acrabstacccomp_tab.ti0isp6ahl26seccb00hw01qk4	INT8	#	The number of completed RAB access phases for 64 kbps CS data conversational.	Sum, nkrttbh, tot
rab_access_completions_for_cs_data_conv	nok_nkrn_acrabstacccomp_tab.thsqpw2ahl26seccb00hw01qk4	INT8	#	A number of RAB setup access completions for CS data calls with conversational class	Sum, nkrttbh, tot
rab_access_completions_for_cs_data_stream_14_4	nok_nkrn_acrabstacccomp_tab.ti1kjctahl26seccb00hw01qk4	INT8	#	The number of completed RAB access phases for 14.4 kbps CS data streaming.	Sum, nkrttbh, tot
rab_access_completions_for_cs_data_stream	nok_nkrn_acrabstacccomp_tab.thtwbulahl26seccb00hw01qk4	INT8	#	A number of RAB setup access completions for CS data calls with streaming class	Sum, nkrttbh, tot
rab_access_completions_for_cs_voice	nok_nkrn_acrabstacccomp_tab.thrl5axahl26seccb00hw01qk4	INT8	#	A number of RAB setup access completions for CS	Sum, nkrttbh, tot

				voice calls	
rab_access_completions_for_ps_data_backg	nok_nkrn_acrabstacccomp_tab.thyip5lahl26seccb00hw01qk4	INT8	#	A number of RAB setup access completions for PS calls with background class	Sum, nkrttbh, tot
rab_access_completions_for_ps_data_conv	nok_nkrn_acrabstacccomp_tab.thv3njlahl26seccb00hw01qk4	INT8	#	- Obsolete in RN2.2 - A number of RAB setup access completions for PS calls with conversational class	Sum, nkrttbh, tot
rab_access_completions_for_ps_data_intera	nok_nkrn_acrabstacccomp_tab.thxgvvxahl26seccb00hw01qk4	INT8	#	A number of RAB setup access completions for PS calls with interactive class	Sum, nkrttbh, tot
rab_access_completions_for_ps_data_stream	nok_nkrn_acrabstacccomp_tab.thwboa6ahl26seccb00hw01qk4	INT8	#	A number of RAB setup access completions for PS calls with streaming class	Sum, nkrttbh, tot

6.34.27RNC.Nokia.UMTS.anchoring.rab.setup_access_failure

RNC anchoring:RAB - Setup access failures statistics

KPI Name	Expression	Data Type	Units	Description	Aggregation
rab_setup_acc_fail_for_cs_data_call_conv_class_due_to_rnc_internal	nok_nkrn_acrabstaccfail_tab.tirev1hahl26seccb00hw01qk4	INT8	#	- Obsolete in RN2.2 - A number of RAB setup access failures for CS data calls with conversational class caused by RNCs internal reasons	Sum, nkrttbh, tot
rab_setup_acc_fail_for_cs_data_call_conv_class_due_to_ue	nok_nkrn_acrabstaccfail_tab.tiqd10lahl26seccb00hw01qk4	INT8	#	- Obsolete in RN2.2 - A number of RAB setup access failures for CS data calls with conversational	Sum, nkrttbh, tot

				class caused by the UE	
rab_setup_acc_fail_for_cs_data_call_stream_class_due_to_rnc_internal	nok_nkrn_acrabstaccfail_tab.titjkwxahl26seccb00hw01qk4	INT8	#	A number of RAB setup access failures for CS data calls with streaming class caused by RNCs internal reasons	Sum, nkrttbh, tot
rab_setup_acc_fail_for_cs_data_call_stream_class_due_to_ue	nok_nkrn_acrabstaccfail_tab.tishbrlahl26seccb00hw01qk4	INT8	#	A number of RAB setup access failures for CS data calls with streaming class caused by the UE	Sum, nkrttbh, tot
rab_setup_acc_fail_for_cs_voice_call_due_to_rnc_internal	nok_nkrn_acrabstaccfail_tab.tipbbjxahl26seccb00hw01qk4	INT8	#	A number of RAB setup access failures for CS voice calls caused by RNCs internal reasons	Sum, nkrttbh, tot
rab_setup_acc_fail_for_cs_voice_call_due_to_ue	nok_nkrn_acrabstaccfail_tab.tio2gwlahl26seccb00hw01qk4	INT8	#	A number of RAB setup access failures for CS voice calls caused by the UE	Sum, nkrttbh, tot
rab_setup_acc_fail_for_ps_data_call_backg_class_due_to_rnc_internal	nok_nkrn_acrabstaccfail_tab.tj3r5b2ahl26seccb00hw01qk4	INT8	#	A number of RAB setup access failures for PS calls with background class caused by RNCs internal reasons	Sum, nkrttbh, tot
rab_setup_acc_fail_for_ps_data_call_backg_class_due_to_ue	nok_nkrn_acrabstaccfail_tab.tj2odq2ahl26seccb00hw01qk4	INT8	#	A number of RAB setup access failures for PS calls with background class caused by the UE	Sum, nkrttbh, tot
rab_setup_acc_fail_for_ps_data_call_conv_class_due_to	nok_nkrn_acrabstaccfail_tab.tivvydhahl26seccb00hw01qk4	INT8	#	A number of RAB setup access failures for PS calls with	Sum, nkrttbh, tot

_rnc_internal				conversational class caused by RNCs internal reasons	
rab_setup_acc_fail_for_ps_data_call_conv_class_due_to_ue	nok_nkrn_acrabstaccfail_tab.tiuq6elahl26seccb00hw01qk4	INT8	#	A number of RAB setup access failures for PS calls with conversational class caused by the UE	Sum, nkrttbh, tot
rab_setup_acc_fail_for_ps_data_call_intera_class_due_to_rnc_internal	nok_nkrn_acrabstaccfail_tab.tj1jb52ahl26seccb00hw01qk4	INT8	#	A number of RAB setup access failures for PS calls with interactive class caused by RNCs internal reasons	Sum, nkrttbh, tot
rab_setup_acc_fail_for_ps_data_call_intera_class_due_to_ue	nok_nkrn_acrabstaccfail_tab.tj0eqy6ahl26seccb00hw01qk4	INT8	#	A number of RAB setup access failures for PS calls with interactive class caused by the UE	Sum, nkrttbh, tot
rab_setup_acc_fail_for_ps_data_call_stream_class_due_to_rnc_internal	nok_nkrn_acrabstaccfail_tab.tiy655tahl26seccb00hw01qk4	INT8	#	A number of RAB setup access failures for PS calls with streaming class caused by RNCs internal reasons	Sum, nkrttbh, tot
rab_setup_acc_fail_for_ps_data_call_stream_class_due_to_ue	nok_nkrn_acrabstaccfail_tab.tix2q2lahl26seccb00hw01qk4	INT8	#	A number of RAB setup access failures for PS calls with streaming class caused by the UE	Sum, nkrttbh, tot

6.34.28RNC.Nokia.UMTS.anchoring.rab.setup_attempts

RNC anchoring:RAB - Setup attempts statistics

KPI Name	Expression	Data Type	Units	Description	Aggregation
rab_setup_attempt_cs_amr_multimode	nok_ach_rab_set_set_att_tab.wrica26afq2ahdvuj02uauibev	INTEGER	#	Number of RAB setup attempts for CS AMR Multimode calls.	Sum, nkrttbh, tot

rab_setup_attempt_cs_conversational_64	nok_ach_rab_set_set_att_tab.tjftiotahl26seccb00hw01qk4	INT8	#	Number of RAB setup attempts for CS Conversational 64 kbps.	Sum, nkrttbh, tot
rab_setup_attempt_cs_streaming_14_4	nok_ach_rab_set_set_att_tab.tjgw0xlahl26seccb00hw01qk4	INT8	#	Number of RAB setup attempt for CS Streaming 14.4 kbps.	Sum, nkrttbh, tot
rab_setup_attempt_cs_streaming_57_6	nok_ach_rab_set_set_att_tab.tji2hdtahl26seccb00hw01qk4	INT8	#	Number of RAB setup attempts for CS Streaming 57.6 kbps.	Sum, nkrttbh, tot
rab_setup_attempt_cs_voice_wps	nok_ach_rab_set_set_att_tab.uaqacun1im2ahsxr0035xkcuai	INTEGER	#	The number of RAB setup attempts for CS voice calls using Wireless Priority Service. Also M1001C66 RAB SETUP ATTEMPTS FOR CS VOICE is updated along with this counter.	Sum, nkrttbh, tot
rab_setup_attempt_ps_nrt_128_128	nok_ach_rab_set_set_att_tab.tjs1ostahl26seccb00hw01qk4	INT8	#	The number of RAB setup attempts for PS NRT RAB with a bit rate of 128 kbps uplink/128 kbps downlink.	Sum, nkrttbh, tot
rab_setup_attempt_ps_nrt_128_256	nok_ach_rab_set_set_att_tab.uaqacuh1im2ahsxr0035xkcuai	INTEGER	#	Number of RAB setup attempts for PS NRT RAB with a bit rate of 128 kbps uplink/ 256 kbps downlink.	Sum, nkrttbh, tot
rab_setup_attempt_	nok_ach_rab_set_set_att_ta	INT8	#	The number of	Sum,

This edition applies to IBM® Tivoli® Netcool® Performance Manager for Wireless and to all subsequent releases and modifications until otherwise indicated in new editions.

ps_nrt_128_384	b.tjtadthahl26seccb00hw01qk4			RAB setup attempts for PS NRT RAB with a bit rate of 128 kbps uplink/384 kbps downlink.	nkrttbh, tot
rab_setup_attempt_ps_nrt_128_64	nok_ach_rab_set_set_att_tab.tjqy632ahl26seccb00hw01qk4	INT8	#	The number of RAB setup attempts for PS NRT RAB with a bit rate of 128 kbps uplink/64 kbps downlink.	Sum, nkrttbh, tot
rab_setup_attempt_ps_nrt_384_384	nok_ach_rab_set_set_att_tab.tjugae2ahl26seccb00hw01qk4	INT8	#	The number of RAB setup attempts for PS NRT RAB with a bit rate of 384 kbps uplink/384 kbps downlink.	Sum, nkrttbh, tot
rab_setup_attempt_ps_nrt_384_64	nok_ach_rab_set_set_att_tab.tjvk3rhahl26seccb00hw01qk4	INT8	#	The number of RAB setup attempts for PS NRT RAB with a bit rate of 384 kbps uplink/64 kbps downlink.	Sum, nkrttbh, tot
rab_setup_attempt_ps_nrt_64_128	nok_ach_rab_set_set_att_tab.tjncxgxahl26seccb00hw01qk4	INT8	#	Number of RAB setup attempts for PS NRT RAB with a bit rate of 64 kbps uplink/128 kbps downlink.	Sum, nkrttbh, tot
rab_setup_attempt_ps_nrt_64_256	nok_ach_rab_set_set_att_tab.tjojmytahl26seccb00hw01qk4	INT8	#	Number of RAB setup attempts for PS NRT RAB with a bit rate of 64 kbps uplink/256 kbps downlink.	Sum, nkrttbh, tot
rab_setup_attempt_ps_nrt_64_384	nok_ach_rab_set_set_att_tab.tjpqa2xahl26seccb00hw01qk4	INT8	#	Number of RAB setup attempts for PS NRT RAB with a bit rate of 64 kbps uplink/384 kbps	Sum, nkrttbh, tot

				downlink.	
rab_setup_attempt_ps_nrt_64_64	nok_ach_rab_set_set_att_tab.tjlycxtahl26seccb00hw01qk4	INT8	#	Number of RAB setup attempts for PS NRT RAB with a bit rate of 64 kbps uplink/64 kbps downlink.	Sum, nkrttbh, tot
rab_setup_attempt_ps_streaming_16_64_guar_16_64	nok_ach_rab_set_set_att_tab.tjjb5wdahl26seccb00hw01qk4	INT8	#	Number of RAB setup attempts for PS Streaming RAB with a maximum bit rate of 16 kbps uplink/64 kbps downlink and guaranteed bit rate of 16 kbps uplink/64 kbps downlink.	Sum, nkrttbh, tot
rab_setup_attempt_ps_streaming_16_64_guar_8_32	nok_ach_rab_set_set_att_tab.tjknwvhahl26seccb00hw01qk4	INT8	#	Number of RAB setup attempts for PS Streaming RAB with a maximum bit rate of 16 kbps uplink/64 kbps downlink and guaranteed bit rate of 8 kbps uplink/32 kbps downlink.	Sum, nkrttbh, tot
rab_setup_attempts_for_cs_data_conv	nok_ach_rab_set_set_att_tab.tj5tncpahl26seccb00hw01qk4	INT8	#	A number of RAB setup attempts for CS data calls with conservational class	Sum, nkrttbh, tot
rab_setup_attempts_for_cs_data_stream	nok_ach_rab_set_set_att_tab.tja0oplahl26seccb00hw01qk4	INT8	#	A number of RAB setup attempts for CS data calls with streaming class	Sum, nkrttbh, tot
rab_setup_attempts	nok_ach_rab_set_set_att_ta	INT8	#	A number of RAB	Sum,

_for_cs_voice	b.tj4sruhahl26seccb00hw01qk4			setup attempts for CS voice calls	nkrttbh, tot
rab_setup_attempts_for_ps_data_backg	nok_ach_rab_set_set_att_tab.tjenqw2ahl26seccb00hw01qk4	INT8	#	A number of RAB setup attempts for PS calls with background class. For NRT services the RAB can be established without an immediate reservation of radio resources (unlike RT services). The radio resources will be allocated on demand using as signalling link between the MS and RNC	Sum, nkrttbh, tot
rab_setup_attempts_for_ps_data_conv	nok_ach_rab_set_set_att_tab.tjb2yddahl26seccb00hw01qk4	INT8	#	- Obsolete in RN2.2 - A number of RAB setup attempts for PS calls with conservational class	Sum, nkrttbh, tot
rab_setup_attempts_for_ps_data_intera	nok_ach_rab_set_set_att_tab.tjdhcqhahl26seccb00hw01qk4	INT8	#	A number of RAB setup attempts for PS calls with interactive class. For NRT services the RAB can be established without an immediate reservation of radio resources (unlike RT services). The radio resources will be allocated on demand using as signalling link between the MS and RNC	Sum, nkrttbh, tot
rab_setup_attempts_for_ps_data_strea	nok_ach_rab_set_set_att_tab.tjcbjxtahl26seccb00hw01	INT8	#	A number of RAB setup attempts for	Sum, nkrttbh,

m	qk4			PS calls with streaming class	tot

6.34.29RNC.Nokia.UMTS.anchoring.rab.setup_complete

RNC anchoring:RAB - Setup completions statistics

KPI Name	Expression	Data Type	Units	Description	Aggregation
rab_setup_comp_cs_stream_guar_bit_rate_dl	nok_nkrn_acrabststcomp_tab.tkcmibhahl26seccb00hw01qk4	INT8	#	The number of RAB setups completed for non-transparent CS data calls in streaming traffic class with resources reserved according to guaranteed bit rate DL in RAB parameters. Possible only for CS non-transparent data in streaming class.	Sum, nkrttbh, tot
rab_setup_comp_cs_stream_guar_bit_rate_ul	nok_nkrn_acrabststcomp_tab.tkbgl3tahl26seccb00hw01qk4	INT8	#	The number of RAB setups completed for non-transparent CS data calls in streaming traffic class with resources reserved according to guaranteed bit rate UL in RAB parameters. Possible only for CS non-transparent data in streaming class.	Sum, nkrttbh, tot
rab_setup_comp_ps_stream_guar_bit_	nok_nkrn_acrabststcomp_tab.tkab32hahl26seccb00hw	INT8	#	The number of RAB setups	Sum, nkrttbh,

rate_dl	01qk4			completed for PS calls in streaming traffic class with resources reserved according to guaranteed bit rate DL in RAB parameters.	tot
rab_setup_comp_ps_stream_guar_bit_rate_ul	nok_nkrn_acrabststcomp_tab.tk625e2ahl26seccb00hw01qk4	INT8	#	The number of RAB setups completed for PS calls in streaming traffic class with resources reserved according to guaranteed bit rate UL in RAB parameters.	Sum, nkrttbh, tot
rab_setup_complete_cs_voice_wps	nok_nkrn_acrabststcomp_tab.uaqacup1im2ahsxr0035xkcuai	INTEGER	#	The number of RAB setup completions for CS voice calls using Wireless Priority Service. Also M1001C73 RAB SETUP COMPLETIONS FOR CS VOICE is updated along with this counter.	Sum, nkrttbh, tot
rab_setup_completions_for_cs_data_conv	nok_nkrn_acrabststcomp_tab.tjy0bftahl26seccb00hw01qk4	INT8	#	A number of RAB setup completions for CS data calls with conservational class	Sum, nkrttbh, tot
rab_setup_completions_for_cs_data_stream	nok_nkrn_acrabststcomp_tab.tk05ulpahl26seccb00hw01qk4	INT8	#	A number of RAB setup completions for CS data calls with streaming class	Sum, nkrttbh, tot
rab_setup_completions_for_cs_voice	nok_nkrn_acrabststcomp_tab.tjwuv0tahl26seccb00hw01qk4	INT8	#	A number of RAB setup completions for CS voice calls	Sum, nkrttbh, tot

rab_setup_completions_for_ps_data_backg	nok_nkrn_acrabststcomp_tab.tk4v66pahl26seccb00hw01qk4	INT8	#	A number of RAB setup completions for PS calls with background class	Sum, nkrttbh, tot
rab_setup_completions_for_ps_data_conv	nok_nkrn_acrabststcomp_tab.tk1fa1hahl26seccb00hw01qk4	INT8	#	- Obsolete in RN2.2 - A number of RAB setup completions for PS calls with conservational class	Sum, nkrttbh, tot
rab_setup_completions_for_ps_data_intera	nok_nkrn_acrabststcomp_tab.tk3pvh2ahl26seccb00hw01qk4	INT8	#	A number of RAB setup completions for PS calls with interactive class	Sum, nkrttbh, tot
rab_setup_completions_for_ps_data_stream	nok_nkrn_acrabststcomp_tab.tk2klntahl26seccb00hw01qk4	INT8	#	A number of RAB setup completions for PS calls with streaming class	Sum, nkrttbh, tot

6.34.30RNC.Nokia.UMTS.anchoring.rab.setup_failure_cs

RNC anchoring:RAB - Setup failure for CS service statistics

KPI Name	Expression	Data Type	Units	Description	Aggregation
rab_setup_failure_cs_voice_wps	nok_ach_rab_set_fail_cs_tab.uaqacur1im2ahsxr0035xkcuai	INTEGER	#	The number of RAB setup failures for CS voice calls using Wireless Priority Service. Also some other RAB SETUP FAILURE counter is updated along with this counter.	Sum, nkrttbh, tot
rab_setup_failures_due_to_ac_for_cs_data_conv	nok_ach_rab_set_fail_cs_tab.tkjevktahl26seccb00hw01qk4	INT8	#	A number of CS data RAB setup failures with conservational class caused by an	Sum, nkrttbh, tot

				AC.	
rab_setup_failures_due_to_ac_for_cs_data_stream	nok_ach_rab_set_fail_cs_tab.tkp4ga6ahl26seccb00hw01qk4	INT8	#	A number of CS data RAB setup failures with streaming class caused by an AC	Sum, nkrttbh, tot
rab_setup_failures_due_to_ac_for_cs_voice	nok_ach_rab_set_fail_cs_tab.tkdrx3lahl26seccb00hw01qk4	INT8	#	A number of CS voice RAB setup failures caused by an AC	Sum, nkrttbh, tot
rab_setup_failures_due_to_bts_for_cs_data_conv	nok_ach_rab_set_fail_cs_tab.tkkglq2ahl26seccb00hw01qk4	INT8	#	A number of CS data RAB setup failures with conservational class caused by the BTS. When the BTS rejects RADIO LINK RECONFIGURATION PREPARATION (eg. due to an equipment failure, hardware overload, message corruption), that RAB setup fails	Sum, nkrttbh, tot
rab_setup_failures_due_to_bts_for_cs_data_stream	nok_ach_rab_set_fail_cs_tab.tkqdjm6ahl26seccb00hw01qk4	INT8	#	A number of CS data RAB setup failures with streaming class caused a the BTS. When the BTS rejects RADIO LINK RECONFIGURATION PREPARATION (eg. due to an equipment failure, hardware overload, message corruption), that RAB setup fails	Sum, nkrttbh, tot
rab_setup_failures_due_to_bts_for_cs_voice	nok_ach_rab_set_fail_cs_tab.tkex01lahl26seccb00hw01qk4	INT8	#	A number of CS voice RAB setup failures caused by a BTS. When a BTS	Sum, nkrttbh, tot

				rejects a RADIO LINK RECONFIGURATION PREPARATION (eg. Due to an equipment failure, hardware overload, message corruption), the RAB setup fails	
rab_setup_failures_due_to_frozen_bts_for_cs_data_conv	nok_ach_rab_set_fail_cs_tab.tko1qxdahl26seccb00hw01qk4	INT8	#	A number of CS data RAB setup failures with conservational class due to a frozen BTS	Sum, nkrttbh, tot
rab_setup_failures_due_to_frozen_bts_for_cs_data_stream	nok_ach_rab_set_fail_cs_tab.tktvguxahl26seccb00hw01qk4	INT8	#	A number of CS data RAB setup failures with streaming class due to a frozen BTS	Sum, nkrttbh, tot
rab_setup_failures_due_to_frozen_bts_for_cs_voice	nok_ach_rab_set_fail_cs_tab.tki5x4lahl26seccb00hw01qk4	INT8	#	A number of CS voice RAB setup failures due to a frozen BTS	Sum, nkrttbh, tot
rab_setup_failures_due_to_iub_aal2_trans_for_cs_data_conv	nok_ach_rab_set_fail_cs_tab.tkyknudahl26seccb00hw01qk4	INT8	#	The number of RAB setup failures caused by Iub AAL2 transport resource shortage for CS data conversational.	Sum, nkrttbh, tot
rab_setup_failures_due_to_iub_aal2_trans_for_cs_data_stream	nok_ach_rab_set_fail_cs_tab.tl0ngydahl26seccb00hw01qk4	INT8	#	The number of RAB setup failures caused by a lack of Iub AAL2 transport resources for CS data streaming.	Sum, nkrttbh, tot
rab_setup_failures_due_to_iub_aal2_	nok_ach_rab_set_fail_cs_tab.tkxf2jdahl26seccb00hw0	INT8	#	The number of RAB setup failures caused	Sum, nkrttbh,

trans_for_cs_voice	1qk4			by Iub AAL2 transport resource shortage for CS voice.	tot
rab_setup_failures_due_to_rnc_for_cs_data_conv	nok_ach_rab_set_fail_cs_tab.tkmyf56ahl26seccb00hw01qk4	INT8	#	A number of CS data RAB setup failures with conservational class caused by RNCs internal reasons (eg. parameter mismatch, timer expiry), the RAB setup fails	Sum, nkrttbh, tot
rab_setup_failures_due_to_rnc_for_cs_data_stream	nok_ach_rab_set_fail_cs_tab.tksp5sdahl26seccb00hw01qk4	INT8	#	A number of CS data RAB setup failures with streaming class caused by RNCs internal reasons (eg. parameter mismatch, timer expiry), the RAB setup fails	Sum, nkrttbh, tot
rab_setup_failures_due_to_rnc_for_cs_voice	nok_ach_rab_set_fail_cs_tab.tkh5bqhahl26seccb00hw01qk4	INT8	#	A number of CS voice RAB setup failures caused by RNCs internal reasons. When the RAN connection setup is rejected due to RNCs internal reasons (eg. parameter mismatch, timer expiry), the RAB setup fails	Sum, nkrttbh, tot
rab_setup_failures_due_to_transport_for_cs_data_conv	nok_ach_rab_set_fail_cs_tab.tklsmx2ahl26seccb00hw01qk4	INT8	#	A number of CS data RAB setup failures with conservational class caused by transmission	Sum, nkrttbh, tot
rab_setup_failures_due_to_transport_for_cs_data_stream	nok_ach_rab_set_fail_cs_tab.tkrjbqtahl26seccb00hw01qk4	INT8	#	A number of CS data RAB setup failures with streaming class caused by transmission	Sum, nkrttbh, tot

rab_setup_failures_due_to_transport_for_cs_voice	nok_ach_rab_set_fail_cs_tab.tkg2p5hahl26seccb00hw01qk4	INT8	#	A number of CS voice RAB setup failures caused by transmission	Sum, nkrttbh, tot
rab_setup_not_started_due_to_not_supported_parameters_for_cs	nok_ach_rab_set_fail_cs_tab.tkv2dtxahl26seccb00hw01qk4	INT8	#	The number of occasions when the CS RAB setup attempt is not started due to requested parameters are not supported by the RNC. The RAB setup attempt counter is not updated in this case.	Sum, nkrttbh, tot
rab_setup_not_started_due_to_ue_capability_for_cs	nok_ach_rab_set_fail_cs_tab.tkw6wg2ahl26seccb00hw01qk4	INT8	#	The number of occasions when the CS RAB setup attempt is not started due to requested parameters are not supported by the UE. The RAB setup attempt counter is not updated in this case.	Sum, nkrttbh, tot
rab_stp_fail_cs_conv_iu_cs	nok_ach_rab_set_fail_cs_tab.w2cvnqldnq2aicsdb02uaxybdk	INTEGER	#	The number of failed CS Conversational data traffic class RAB setups due to Iu-CS transport resources. Also counter M1001C87 is updated with this counter.	Sum, nkrttbh, tot
rab_stp_fail_cs_conv_iur_tr	nok_ach_rab_set_fail_cs_tab.w2cvnqddnq2aicsdb02uaxybdk	INTEGER	#	The number of failed CS Conversational data traffic class	Sum, nkrttbh, tot

This edition applies to IBM® Tivoli® Netcool® Performance Manager for Wireless and to all subsequent releases and modifications until otherwise indicated in new editions.

				RAB setups due to Iur transport resources. Also counter M1001C87 is updated with this counter.	
rab_stp_fail_cs_stre_iu_cs	nok_ach_rab_set_fail_cs_tab.w2cvnqndnq2aicsdb02uaxybdk	INTEGER	#	The number of failed CS Streaming traffic class RAB setups due to Iu-CS transport resources. Also counter M1001C92 is updated with this counter.	Sum, nkrttbh, tot
rab_stp_fail_cs_stre_iur_tr	nok_ach_rab_set_fail_cs_tab.w2cvnqfdnq2aicsdb02uaxybdk	INTEGER	#	The number of failed CS Streaming traffic class RAB setups due to Iur transport resources. Also counter M1001C92 is updated with this counter.	Sum, nkrttbh, tot
rab_stp_fail_cs_voice_iu_cs	nok_ach_rab_set_fail_cs_tab.w2cvnqjdnq2aicsdb02uaxybdk	INTEGER	#	The number of failed CS voice RAB setups due to Iu-CS transport resources. Also counter M1001C82 is updated with this counter.	Sum, nkrttbh, tot
rab_stp_fail_cs_voice_iur_tr	nok_ach_rab_set_fail_cs_tab.w2cvnqbdnq2aicsdb02uaxybdk	INTEGER	#	The number of failed CS voice RAB setups due to Iur transport resources. Also counter M1001C82 is updated with this counter.	Sum, nkrttbh, tot
rab_stp_fail_cs_voice_lic	nok_ach_rab_set_fail_cs_tab.w2cvnq4dnq2aicsdb02uaxybdk	INTEGER	#	The number of RAB setup failures caused by AMR capacity license exceeded for	Sum, nkrttbh, tot

				CS voice.	

6.34.31RNC.Nokia.UMTS.anchoring.rab.setup_failure_ps

RNC anchoring:RAB - Setup failure for PS service statistics

KPI Name	Expression	Data Type	Units	Description	Aggregation
dch_setup_failures_due_to_iub_aal2_trans_for_ps_data_backg	nok_ach_rab_set_fail_ps_tab.tlnfsnlahl26seccb00hw01qk4	INT8	#	The number of DCH setup failures caused by Iub AAL2 transport resource shortage for PS data background.	Sum, nkrttbh, tot
dch_setup_failures_due_to_iub_aal2_trans_for_ps_data_intera	nok_ach_rab_set_fail_ps_tab.tli02mlahl26seccb00hw01qk4	INT8	#	A number of PS call RAB setup failures for interactive class caused by transmission	Sum, nkrttbh, tot
rab_setup_failures_due_to_ac_for_ps_data_backg	nok_ach_rab_set_fail_ps_tab.tlmdixdahl26seccb00hw01qk4	INT8	#	A number of PS call RAB setup failures for background class caused by an AC.	Sum, nkrttbh, tot
rab_setup_failures_due_to_ac_for_ps_data_conv	nok_ach_rab_set_fail_ps_tab.tl1sjrtahl26seccb00hw01qk4	INT8	#	- Obsolete in RN2.2 - A number of PS call RAB setup for conservational class failures caused by an AC.	Sum, nkrttbh, tot
rab_setup_failures_due_to_ac_for_ps_data_intera	nok_ach_rab_set_fail_ps_tab.tlgtc02ahl26seccb00hw01qk4	INT8	#	A number of PS call RAB setup failures for interactive class caused by an AC.	Sum, nkrttbh, tot
rab_setup_failures_due_to_ac_for_ps_data_stream	nok_ach_rab_set_fail_ps_tab.tlavq5tahl26seccb00hw01qk4	INT8	#	A number of PS call RAB setup failures for streaming class caused by an AC.	Sum, nkrttbh, tot

rab_setup_failures_due_to_anchoring_for_ps_data_backg	nok_ach_rab_set_fail_ps_tab.tlq1kbhahl26seccb00hw01qk4	INT8	#	A number of PS call RAB setup failures for background class caused by the anchoring RNC case. When the RNC rejects an NRT RAB setup attempt due the anchoring RNC case	Sum, nkrttbh, tot
rab_setup_failures_due_to_anchoring_for_ps_data_intera	nok_ach_rab_set_fail_ps_tab.tlk6s2xahl26seccb00hw01qk4	INT8	#	A number of PS call RAB setup failures for interactive class caused by the anchoring RNC case. When the RNC rejects an NRT RAB setup attempt due the anchoring RNC case	Sum, nkrttbh, tot
rab_setup_failures_due_to_bts_for_ps_data_conv	nok_ach_rab_set_fail_ps_tab.tl35pqpahl26seccb00hw01qk4	INT8	#	- Obsolete in RN2.2 - A number of PS call RAB setup failures for conservational class caused by the BTS. When the BTS rejects RADIO LINK RECONFIGURATION PREPARATION (eg. due to an equipment failure, hardware overload, message corruption), that RAB setup f	Sum, nkrttbh, tot
rab_setup_failures_due_to_bts_for_ps_data_stream	nok_ach_rab_set_fail_ps_tab.tlc251pahl26seccb00hw01qk4	INT8	#	A number of PS call RAB setup failures for streaming class caused by the BTS. When the BTS rejects RADIO LINK RECONFIGURATION	Sum, nkrttbh, tot

				PREPARATION (eg. due to an equipment failure, hardware overload, message corruption), that RAB setup fails	
rab_setup_failures_due_to_frozen_bts_for_ps_data_backg	nok_ach_rab_set_fail_ps_tab.tlralgtahl26seccb00hw01qk4	INT8	#	A number of PS call RAB setup failures for background class due to a frozen BTS	Sum, nkrttbh, tot
rab_setup_failures_due_to_frozen_bts_for_ps_data_conv	nok_ach_rab_set_fail_ps_tab.tl6qgdpahl26seccb00hw01qk4	INT8	#	- Obsolete in RN2.2 - A number of PS call RAB setup failures for conservational class due to a frozen BTS	Sum, nkrttbh, tot
rab_setup_failures_due_to_frozen_bts_for_ps_data_intera	nok_ach_rab_set_fail_ps_tab.tllcbnpahl26seccb00hw01qk4	INT8	#	A number of PS call RAB setup failures for interactive class due to a frozen BTS	Sum, nkrttbh, tot
rab_setup_failures_due_to_frozen_bts_for_ps_data_stream	nok_ach_rab_set_fail_ps_tab.tlfmpplahl26seccb00hw01qk4	INT8	#	A number of PS call RAB setup failures for streaming class due to a frozen BTS	Sum, nkrttbh, tot
rab_setup_failures_due_to_iub_aal2_trans_for_ps_data_stream	nok_ach_rab_set_fail_ps_tab.tlututhahl26seccb00hw01qk4	INT8	#	The number of RAB setup failures caused by Iub AAL2 transport resource shortage for PS data streaming.	Sum, nkrttbh, tot
rab_setup_failures_due_to_rnc_for_ps_data_backg	nok_ach_rab_set_fail_ps_tab.tlombglahl26seccb00hw01qk4	INT8	#	A number of PS call RAB setup failures for background class caused by RNCs internal reasons (eg. parameter mismatch, timer expiry), the	Sum, nkrttbh, tot

				RAB setup fails	
rab_setup_failures_due_to_rnc_for_ps_data_conv	nok_ach_rab_set_fail_ps_tab.tl5k5slahl26seccb00hw01qk4	INT8	#	- Obsolete in RN2.2 - A number of PS call RAB setup failures for conservational class caused by RNCs internal reasons (eg. parameter mismatch, timer expiry), the RAB setup fails	Sum, nkrttbh, tot
rab_setup_failures_due_to_rnc_for_ps_data_intera	nok_ach_rab_set_fail_ps_tab.tlj24vdahl26seccb00hw01qk4	INT8	#	A number of PS call RAB setup failures for interactive class caused by RNCs internal reasons (eg. parameter mismatch, timer expiry), the RAB setup fails	Sum, nkrttbh, tot
rab_setup_failures_due_to_rnc_for_ps_data_stream	nok_ach_rab_set_fail_ps_tab.tlegr3pahl26seccb00hw01qk4	INT8	#	A number of PS call RAB setup failures for streaming class caused by RNCs internal reasons (eg. parameter mismatch, timer expiry), the RAB setup fails	Sum, nkrttbh, tot
rab_setup_failures_due_to_transport_for_ps_data_conv	nok_ach_rab_set_fail_ps_tab.tl4epkdahl26seccb00hw01qk4	INT8	#	- Obsolete in RN2.2 - A number of PS call RAB setup failures for conservational class caused by transmission	Sum, nkrttbh, tot
rab_setup_failures_due_to_transport_for_ps_data_stream	nok_ach_rab_set_fail_ps_tab.tldals6ahl26seccb00hw01qk4	INT8	#	A number of PS call RAB setup failures for streaming class caused by transmission	Sum, nkrttbh, tot
rab_setup_not_started_due_to_not_supported_parameter	nok_ach_rab_set_fail_ps_tab.tlsh3qhahl26seccb00hw01qk4	INT8	#	The number of occasions when the PS RAB setup	Sum, nkrttbh, tot

s_for_ps				attempt is not started due to requested parameters are not supported by the RNC. The RAB setup attempt counter is not updated in this case.	
rab_setup_not_started_due_to_ue_capability_for_ps	nok_ach_rab_set_fail_ps_tab.tltnfmpahl26seccb00hw01qk4	INT8	#	The number of occasions when the PS RAB setup attempt is not started due to requested parameters are not supported by the UE. The RAB setup attempt counter is not updated in this case.	Sum, nkrttbh, tot
rab_stp_fail_ps_stre_iur_tr	nok_ach_rab_set_fail_ps_tab.w2cvnqhdnq2aicsdb02uaxybdk	INTEGER	#	The number of failed PS Streaming traffic class RAB setups due to Iur transport resources. Also counter M1001C102 is updated with this counter.	Sum, nkrttbh, tot

6.34.32RNC.Nokia.UMTS.anchoring.rab.setup_time

RNC anchoring:RAB - Setup time statistics

KPI Name	Expression	Data Type	Units	Description	Aggregation
denominator_for_sum_of_rab_setup_times_for_cs_data_conv	nok_ach_rab_set_tim_tab.tm30hcxahl26seccb00hw01qk4	INTEGER	10ms	Denominator for average setup time for a CS data conversational RAB	Average, avg, max, min, nkrttbh, tot

denominator_for_sum_of_rab_setup_times_for_cs_data_stream	nok_ach_rab_set_tim_tab.tm5brvtahl26seccb00hw01qk4	INTEGER	10ms	Denominator for average setup time for a CS data streaming RAB	Average, avg, max, min, nkrttbh, tot
denominator_for_sum_of_rab_setup_times_for_cs_voice	nok_ach_rab_set_tim_tab.tm0muulahl26seccb00hw01qk4	INTEGER	10ms	Denominator for average setup time for a CS voice RAB	Average, avg, max, min, nkrttbh, tot
denominator_for_sum_of_rab_setup_times_for_ps_data_backg	nok_ach_rab_set_tim_tab.tmhshxpahl26seccb00hw01qk4	INTEGER	10ms	Denominator for average setup time for a PS data background RAB	Average, avg, max, min, nkrttbh, tot
denominator_for_sum_of_rab_setup_times_for_ps_data_conv	nok_ach_rab_set_tim_tab.tmaocapahl26seccb00hw01qk4	INTEGER	10ms	- Obsolete in RN2.2 - Denominator for average setup time for a PS data conversational RAB	Average, avg, max, min, nkrttbh, tot
denominator_for_sum_of_rab_setup_times_for_ps_data_intera	nok_ach_rab_set_tim_tab.tmfgin6ahl26seccb00hw01qk4	INTEGER	10ms	Denominator for average setup time for a PS data interactive RAB	Average, avg, max, min, nkrttbh, tot
denominator_for_sum_of_rab_setup_times_for_ps_data_stream	nok_ach_rab_set_tim_tab.tmd1kyhahl26seccb00hw01qk4	INTEGER	10ms	Denominator for average setup time for a PS data streaming RAB	Average, avg, max, min, nkrttbh, tot
denominator_for_sum_of_rrc_setup_times	nok_ach_rab_set_tim_tab.tlxa60hahl26seccb00hw01qk4	INTEGER	10ms	Denominator for average setup time for RRC	Average, avg, max, min, nkrttbh, tot
rab_setup_time_max_cs_data_conversational	nok_ach_rab_set_tim_tab.uaqacv01im2ahsxr0035xkcuai	INTEGER	ms	The maximum CS Conversational Data RAB setup time during the measurement period defined as the time	Constant, avg, max, min, nkrttbh, tot

				between an RANAP: RAB ASSIGNMENT REQUEST and an RANAP: RAB ASSIGNMENT RESPONSE messages	
rab_setup_time_max_cs_streaming	nok_ach_rab_set_tim_tab.uaqacv21im2ahsxr0035xkcuai	INTEGER	ms	The maximum CS Streaming RAB setup time defined as the time between an RANAP: RAB ASSIGNMENT REQUEST and an RANAP: RAB ASSIGNMENT RESPONSE messages during an RAB establishment.	Constant, avg, max, min, nkrttbh, tot
rab_setup_time_max_cs_voice	nok_ach_rab_set_tim_tab.uaqacux1im2ahsxr0035xkcuai	INTEGER	ms	The maximum CS Conversational Data RAB setup time during the measurement period defined as the time between an RANAP: RAB ASSIGNMENT REQUEST and an RANAP: RAB ASSIGNMENT RESPONSE messages during an RAB establishment.	Constant, avg, max, min, nkrttbh, tot
rab_setup_time_max_ps_background	nok_ach_rab_set_tim_tab.uaqacvb1im2ahsxr0035xkcuai	INTEGER	ms	The maximum PS Background RAB setup time defined as the time between	Constant, avg, min, nkrttbh, tot, max

				an RANAP: RAB ASSIGNMENT REQUEST and an RANAP: RAB ASSIGNMENT RESPONSE messages during an RAB establishment.	
rab_setup_time_max_ps_interactive	nok_ach_rab_set_tim_tab.uaqacv61im2ahsxr0035xkcuai	INTEGER	ms	The maximum PS Interactive RAB setup time defined as the time between an RANAP: RAB ASSIGNMENT REQUEST and an RANAP: RAB ASSIGNMENT RESPONSE messages during an RAB establishment.	Constant, avg, max, min, nkrttbh, tot
rab_setup_time_max_ps_streaming	nok_ach_rab_set_tim_tab.uaqacv41im2ahsxr0035xkcuai	INTEGER	ms	The maximum PS Streaming RAB setup time defined as the time between an RANAP: RAB ASSIGNMENT REQUEST and an RANAP: RAB ASSIGNMENT RESPONSE messages during an RAB establishment.	Constant, avg, max, min, nkrttbh, tot
rrc_setup_time_max	nok_ach_rab_set_tim_tab.uaqacuv1im2ahsxr0035xkcuai	INTEGER	ms	The maximum RRC connection setup time defined as the time between messages an RRC: RRC CONNECTION REQUEST and an RRC: RRC CONNECTION SETUP COMPLETE.	Constant, avg, max, min, nkrttbh, tot

sum_of_rab_setup_times_for_cs_data_conv	nok_ach_rab_set_tim_tab.tm1tjblahl26seccb00hw01qk4	INT8	10ms	Sum of RAB setup times for CS data conversational. This counter divided by the denominator (see the Dependencies) gives the average RAB setup time for CS data conversational. --- RAB setup time is defined as the time between the RANAP: RAB ASSIGNMENT REQUEST and RANAP: RAB ASSIGNMENT RESPONSE messages during RAB establishment. NOTE! Setup time covers both the RAB Setup and RAB Access phases.	Sum, nkrttbh, tot
sum_of_rab_setup_times_for_cs_data_stream	nok_ach_rab_set_tim_tab.tm45rchahl26seccb00hw01qk4	INT8	10ms	Sum of RAB setup times for CS data streaming. This counter divided by the denominator (see the Dependencies) gives the average RAB setup time for CS data streaming. --- RAB setup time is defined as the time between the	Sum, nkrttbh, tot

				RANAP: RAB ASSIGNMENT REQUEST and RANAP: RAB ASSIGNMENT RESPONSE messages during RAB establishment. NOTE! Setup time covers both the RAB Setup and RAB Access phases.	
sum_of_rab_setup_times_for_cs_voice	nok_ach_rab_set_tim_tab.tlygidhahl26seccb00hw01qk4	INT8	10ms	Sum of RAB setup times for CS voice. This counter divided by the denominator (see the Dependencies) gives the average RAB setup time for CS voice. --- RAB setup time is defined as the time between the RANAP: RAB ASSIGNMENT REQUEST and RANAP: RAB ASSIGNMENT RESPONSE messages during RAB establishment. NOTE! Setup time covers both the RAB Setup and RAB Access phases.	Sum, nkrttbh, tot
sum_of_rab_setup_times_for_ps_data_backg	nok_ach_rab_set_tim_tab.tmglw6pahl26seccb00hw01qk4	INT8	10ms	Sum of RAB setup times for PS data background. This counter divided by the denominator (see the Dependencies)	Sum, nkrttbh, tot

				gives the average RAB setup time for PS data background. --- RAB setup time is defined as the time between the RANAP: RAB ASSIGNMENT REQUEST and RANAP: RAB ASSIGNMENT RESPONSE messages during RAB establishment. NOTE! Setup time covers both the RAB Setup and RAB Access phases.	
sum_of_rab_setup_times_for_ps_data_conv	nok_ach_rab_set_tim_tab.tm6hup2ahl26seccb00hw01qk4	INT8	10ms	- Obsolete in RN2.2 - Sum of RAB setup times for PS data conversational. This counter divided by the denominator (see the Dependencies) gives the average RAB setup time for PS data conversational. --- RAB setup time is defined as the time between the RANA	Sum, nkrttbh, tot
sum_of_rab_setup_times_for_ps_data_intera	nok_ach_rab_set_tim_tab.tme6y3lahl26seccb00hw01qk4	INT8	10ms	Sum of RAB setup times for PS data interactive. This counter divided by the denominator	Sum, nkrttbh, tot

				(see the Dependencies) gives the average RAB setup time for PS data interactive. --- RAB setup time is defined as the time between the RANAP: RAB ASSIGNMENT REQUEST and RANAP: RAB ASSIGNMENT RESPONSE messages during RAB establishment. NOTE! Setup time covers both the RAB Setup and RAB Access phases.	
sum_of_rab_setup_times_for_ps_data_stream	nok_ach_rab_set_tim_tab.tmbts4lahl26seccb00hw01qk4	INT8	10ms	Sum of RAB setup times for PS data streaming. This counter divided by the denominator (see the Dependencies) gives the average RAB setup time for PS data streaming. --- RAB setup time is defined as the time between the RANAP: RAB ASSIGNMENT REQUEST and RANAP: RAB ASSIGNMENT RESPONSE messages during RAB establishment. NOTE! Setup time covers both the RAB Setup and	Sum, nkrttbh, tot

				RAB Access phases.	
sum_of_rrc_setup_times	nok_ach_rab_set_tim_tab.tlw1e32ahl26seccb00hw01qk4	INT8	10ms	Sum of RRC setup times. This counter divided by the denominator (see the Dependencies) gives the average RRC setup time. --- RRC setup time is defined as the time between the RRC: RRC CONNECTION REQUEST message and the RRC: RRC CONNECTION SETUP COMPLETE message. NOTE! Setup time covers both the RRC Setup and RRC Access phases.	Sum, nkrttbh, tot

6.34.33RNC.Nokia.UMTS.anchoring.rrc.connection_access

RNC anchoring:RRC - Connection access failures/completions/releases statistics

KPI Name	Expression	Data Type	Units	Description	Aggregation
rrc_acc_comp	nok_ach_rrc_conn_acc_tab.tmiyywpahl26seccb00hw01qk4	INT8	#	A number of RRC connection access completions	Sum, nkrttbh, tot
rrc_acc_fail_due_to_radio_int_synch	nok_ach_rrc_conn_acc_tab.tmk6udhahl26seccb00hw01qk4	INT8	#	A number of RRC connection access failures caused by radio interface	Sum, nkrttbh, tot

				synchronisation. If the BTS fails to establish synchronisation at radio L1 during the timer t_inisyf, it will send a RL failure message indicating a cause synchronisation failure to the RNC	
rrc_acc_fail_due_to_rnc_inter_reasons	nok_ach_rrc_conn_acc_tab.tmmma66ahl26seccb00hw01qk4	INT8	#	A number of RRC connection access failures caused by RNCs internal reasons (eg. Parameter mismatch, timer expiry)	Sum, nkrttbh, tot
rrc_acc_fail_due_to_uu_int	nok_ach_rrc_conn_acc_tab.tmlg5olahl26seccb00hw01qk4	INT8	#	A number of RRC connection access failures caused by UU interface. When the RNC does not receive RRC_CONNECTION_SETUP from the UE.	Sum, nkrttbh, tot
rrc_access_release_call_re_establishment	nok_ach_rrc_conn_acc_tab.tnbv4yxahl26seccb00hw01qk4	INT8	#	The number of RRC connection access releases due to cell reselection for calls established with the cause call re- establishment. This is the case when the UE has sent a new RRC connection request to the new cell while the RRC connection setup phase is still ongoing in the old	Sum, nkrttbh, tot

				cell. The RNC releases resources for the old RRC connection attempt.	
rrc_access_release_detach	nok_ach_rrc_conn_acc_tab.tn5cpvhahl26seccb00hw01qk4	INT8	#	The number of RRC connection access releases due to cell reselection for calls established with the cause detach. This is the case when the UE has sent a new RRC connection request to the new cell while the RRC connection setup phase is still ongoing in the old cell. The RNC releases resources for the old RRC connection attempt.	Sum, nkrttbh, tot
rrc_access_release_emergency_call	nok_ach_rrc_conn_acc_tab.tn0h226ahl26seccb00hw01qk4	INT8	#	The number of RRC connection access releases due to cell reselection for calls established with the cause emergency call. This is the case when the UE has sent a new RRC connection request to the new cell while the RRC connection setup phase is still ongoing in the old cell. The RNC	Sum, nkrttbh, tot

				releases resources for the old RRC connection attempt.	
rrc_access_release_inter_rat_cell_change_order	nok_ach_rrc_conn_acc_tab.tn2tle6ahl26seccb00hw01qk4	INT8	#	The number of RRC connection access releases due to cell reselection for calls established with the cause inter-RAT cell change order. This is the case when the UE has sent a new RRC connection request to the new cell while the RRC connection setup phase is still ongoing in the old cell. The RNC releases resources for the old RRC connection attempt.	Sum, nkrttbh, tot
rrc_access_release_inter_rat_cell_resel	nok_ach_rrc_conn_acc_tab.tn1ngrhahl26seccb00hw01qk4	INT8	#	The number of RRC connection access releases due to cell reselection for calls established with the cause inter-RAT cell reselection. This is the case when the UE has sent a new RRC connection request to the new cell while the RRC connection setup phase is still ongoing in the old cell. The RNC releases resources for the old RRC connection attempt.	Sum, nkrttbh, tot
rrc_access_release_	nok_ach_rrc_conn_acc_tab	INT8	#	The number of	Sum,

mo_background_call	.tmsbusdahl26seccb00hw01qk4			RRC connection access releases due to cell reselection for calls established with the cause originating background call. This is the case when the UE has sent a new RRC connection request to the new cell while the RRC connection setup phase is still ongoing in the old cell. The RNC releases resources for the old RRC connection attempt.	nkrttbh, tot
rrc_access_release_mo_conversational_call	nok_ach_rrc_conn_acc_tab.tmouu0pahl26seccb00hw01qk4	INT8	#	The number of RRC connection access releases due to cell reselection for calls established with the cause originating conversational call. This is the case when the UE has sent a new RRC connection request to the new cell while the RRC connection setup phase is still ongoing in the old cell. The RNC releases resources for the old RRC	Sum, nkrttbh, tot

This edition applies to IBM® Tivoli® Netcool® Performance Manager for Wireless and to all subsequent releases and modifications until otherwise indicated in new editions.

				connection attempt.	
rrc_access_release_mo_high_priority_signalling	nok_ach_rrc_conn_acc_tab.tn6ijmpahl26seccb00hw01qk4	INT8	#	The number of RRC connection access releases due to cell reselection for calls established with the cause originating high priority signalling. This is the case when the UE has sent a new RRC connection request to the new cell while the RRC connection setup phase is still ongoing in the old cell. The RNC releases resources for the old RRC connection attempt.	Sum, nkrttbh, tot
rrc_access_release_mo_interactive_call	nok_ach_rrc_conn_acc_tab.tmr25i2ahl26seccb00hw01qk4	INT8	#	The number of RRC connection access releases due to cell reselection for calls established with the cause originating interactive call. This is the case when the UE has sent a new RRC connection request to the new cell while the RRC connection setup phase is still ongoing in the old cell. The RNC releases resources for the old RRC connection attempt.	Sum, nkrttbh, tot
rrc_access_release_	nok_ach_rrc_conn_acc_tab	INT8	#	The number of	Sum,

mo_low_priority_signalling	.tnaov2hahl26seccb00hw01qk4			RRC connection access releases due to cell reselection for calls established with the cause originating low priority signalling. This is the case when the UE has sent a new RRC connection request to the new cell while the RRC connection setup phase is still ongoing in the old cell. The RNC releases resources for the old RRC connection attempt.	nkrttbh, tot
rrc_access_release_mo_streaming_call	nok_ach_rrc_conn_acc_tab.tmpya62ahl26seccb00hw01qk4	INT8	#	The number of RRC connection access releases due to cell reselection for calls established with the cause originating streaming call. This is the case when the UE has sent a new RRC connection request to the new cell while the RRC connection setup phase is still ongoing in the old cell. The RNC releases resources for the old RRC connection attempt.	Sum, nkrttbh, tot

rrc_access_release_mo_subscribed_traffic_call	nok_ach_rrc_conn_acc_tab.tmti5vdahl26seccb00hw01qk4	INT8	#	The number of RRC connection access releases due to cell reselection for calls established with the cause originating subscribed traffic call. This is the case when the UE has sent a new RRC connection request to the new cell while the RRC connection setup phase is still ongoing in the old cell. The RNC releases resources for the old RRC connection attempt.	Sum, nkrttbh, tot
rrc_access_release_mt_background_call	nok_ach_rrc_conn_acc_tab.tmyaindahl26seccb00hw01qk4	INT8	#	The number of RRC connection access releases due to cell reselection for calls established with the cause terminating background call. This is the case when the UE has sent a new RRC connection request to the new cell while the RRC connection setup phase is still ongoing in the old cell. The RNC releases resources for the old RRC connection attempt.	Sum, nkrttbh, tot
rrc_access_release_mt_cause_unknown	nok_ach_rrc_conn_acc_tab.tnfgw0lahl26seccb00hw01qk4	INT8	#	The number of RRC connection access releases due	Sum, nkrttbh, tot

				to cell reselection for calls established with the cause terminating - cause unknown. This is the case when the UE has sent a new RRC connection request to the new cell while the RRC connection setup phase is still ongoing in the old cell. The RNC releases resources for the old RRC connection attempt.	
rrc_access_release_mt_conversational_call	nok_ach_rrc_conn_acc_tab.tmuo246ahl26seccb00hw01qk4	INT8	#	The number of RRC connection access releases due to cell reselection for calls established with the cause terminating conversational call. This is the case when the UE has sent a new RRC connection request to the new cell while the RRC connection setup phase is still ongoing in the old cell. The RNC releases resources for the old RRC connection attempt.	Sum, nkrttbh, tot
rrc_access_release_mt_high_priority_si	nok_ach_rrc_conn_acc_tab.tnd2hrdahl26seccb00hw01	INT8	#	The number of RRC connection	Sum, nkrttbh,

gnalling	qk4			access releases due to cell reselection for calls established with the cause terminating high priority signalling. This is the case when the UE has sent a new RRC connection request to the new cell while the RRC connection setup phase is still ongoing in the old cell. The RNC releases resources for the old RRC connection attempt.	tot
rrc_access_release_mt_interactive_call	nok_ach_rrc_conn_acc_tab.tmx1l02ahl26seccb00hw01qk4	INT8	#	The number of RRC connection access releases due to cell reselection for calls established with the cause terminating interactive call. This is the case when the UE has sent a new RRC connection request to the new cell while the RRC connection setup phase is still ongoing in the old cell. The RNC releases resources for the old RRC connection attempt.	Sum, nkrttbh, tot
rrc_access_release_mt_low_priority_signalling	nok_ach_rrc_conn_acc_tab.tnebc4tahl26seccb00hw01qk4	INT8	#	The number of RRC connection access releases due to cell reselection for calls established	Sum, nkrttbh, tot

				with the cause terminating low priority signalling. This is the case when the UE has sent a new RRC connection request to the new cell while the RRC connection setup phase is still ongoing in the old cell. The RNC releases resources for the old RRC connection attempt.	
rrc_access_release_mt_streaming_call	nok_ach_rrc_conn_acc_tab.tmvuasdahl26seccb00hw01qk4	INT8	#	The number of RRC connection access releases due to cell reselection for calls established with the cause terminating streaming call. This is the case when the UE has sent a new RRC connection request to the new cell while the RRC connection setup phase is still ongoing in the old cell. The RNC releases resources for the old RRC connection attempt.	Sum, nkrttbh, tot
rrc_access_release_registration	nok_ach_rrc_conn_acc_tab.tn40hr2ahl26seccb00hw01qk4	INT8	#	The number of RRC connection access releases due to cell reselection	Sum, nkrttbh, tot

				for calls established with the cause registration. This is the case when the UE has sent a new RRC connection request to the new cell while the RRC connection setup phase is still ongoing in the old cell. The RNC releases resources for the old RRC connection attempt.	
rrc_act_rel_directed_retry	nok_ach_rrc_conn_acc_tab.w2cvnrhdnq2aicsdb02uaxybdk	INTEGER	#	The number of RRC connections released after a successful Directed Retry inter-system handover procedure for CS Voice calls. Also some RAB setup failure counter is updated before this counter. This counter does not include Wireless Priority Service related inter-system handovers.	Sum, nkrttbh, tot
rrc_connection_access_release_due_to_cell_reselection	nok_ach_rrc_conn_acc_tab.tmno1ghahl26seccb00hw01qk4	INT8	#	The number of RRC Connection Access releases due to cell reselection. This is the case when the UE has sent a new RRC connection request to the new cell while the RRC connection setup phase is still ongoing in the old	Sum, nkrttbh, tot

				cell. The RNC releases resources for the old RRC connection attempt.	
srb_act_fail_backg	nok_ach_rrc_conn_acc_tab .w2cvnrddnq2aicsdb02uax ybdk	INTEG ER	#	The number of abnormally released RRC connections with standalone signalling radio bearer before RAB assignment. Both originating and terminating background calls are included.	Sum, nkrttbh, tot
srb_act_fail_conv	nok_ach_rrc_conn_acc_tab .w2cvnr4dnq2aicsdb02uax ybdk	INTEG ER	#	The number of abnormally released RRC connections with standalone signalling radio bearer before RAB assignment. Both originating and terminating conversational calls are included.	Sum, nkrttbh, tot
srb_act_fail_intera	nok_ach_rrc_conn_acc_tab .w2cvnrbdnq2aicsdb02uax ybdk	INTEG ER	#	The number of abnormally released RRC connections with standalone signalling radio bearer before RAB assignment. Both originating and terminating interactive calls are included.	Sum, nkrttbh, tot
srb_act_fail_other	nok_ach_rrc_conn_acc_tab	INTEG	#	The number of	Sum,

	.w2cvnrfdnq2aicsdb02uaxybdk	ER		abnormally released RRC connections with standalone signalling radio bearer before RAB assignment.	nkrttbh, tot
srb_act_fail_strea	nok_ach_rrc_conn_acc_tab.w2cvnr6dnq2aicsdb02uaxybdk	INTEGER	#	The number of abnormally released RRC connections with standalone signalling radio bearer before RAB assignment. Both originating and terminating streaming calls are included.	Sum, nkrttbh, tot

6.34.34RNC.Nokia.UMTS.anchoring.rrc.connection_active

RNC anchoring:RRC - Connection active failures/completions/releases statistics

KPI Name	Expression	Data Type	Units	Description	Aggregation
rrc_active_comp	nok_ach_rrc_conn_act_tab.tngjwcxahl26seccb00hw01qk4	INT8	#	A number of RRC connection active completions	Sum, nkrttbh, tot
rrc_active_fail_due_to_bts_reasons	nok_ach_rrc_conn_act_tab.tnmksa6ahl26seccb00hw01qk4	INT8	#	A number of RRC connection active failures caused by a BTS	Sum, nkrttbh, tot
rrc_active_fail_due_to_ciph_fail	nok_ach_rrc_conn_act_tab.tnouc0pahl26seccb00hw01qk4	INT8	#	A number of RRC connection active failures caused by a ciphering failure	Sum, nkrttbh, tot
rrc_active_fail_due_to_integrity_check	nok_ach_rrc_conn_act_tab.tnq1fhlahl26seccb00hw01qk4	INT8	#	A number of RRC connection active failures caused by an integrity check failure	Sum, nkrttbh, tot
rrc_active_fail_due_to_iu_int	nok_ach_rrc_conn_act_tab.tnk56shahl26seccb00hw01	INT8	#	A number of RRC connection active	Sum, nkrttbh,

	qk4			failures caused by the IU interface. When for example, the signalling connection fails between the RNC and CN	tot
rrc_active_fail_due_to_radio_interface	nok_ach_rrc_conn_act_tab.tnleetlahl26seccb00hw01qk4	INT8	#	A number of RRC connection active failures caused by a radio interface	Sum, nkrttbh, tot
rrc_active_fail_due_to_rnc_inter_reasons	nok_ach_rrc_conn_act_tab.tnr46olahl26seccb00hw01qk4	INT8	#	A number of RRC connection active failures caused by RNCs internal reasons (eg. Parameter mismatch, timer expiry)	Sum, nkrttbh, tot
rrc_active_fail_due_to_the_iur_int	nok_ach_rrc_conn_act_tab.tnnqni6ahl26seccb00hw01qk4	INT8	#	A number of RRC connection active failures caused by the IUR interface. When for example, the SRNC relocation procedure fails because of the IUR interface.	Sum, nkrttbh, tot
rrc_active_fail_due_to_ue	nok_ach_rrc_conn_act_tab.tnsdohlahl26seccb00hw01qk4	INT8	#	The number of RRC active failures due to UE.	Sum, nkrttbh, tot
rrc_active_rel_due_to_pre_emp	nok_ach_rrc_conn_act_tab.tnixt56ahl26seccb00hw01qk4	INT8	#	A number of RRC connection active releases due to pre emption	Sum, nkrttbh, tot
rrc_active_rel_due	nok_ach_rrc_conn_act_tab.	INT8	#	A number of RRC	Sum,

_to_srnc_reloc	tnhrdmtahl26seccb00hw01qk4			connection active releases due to SRNC relocation. Note this counters includes both SRNS relocations and inter RNC intra frequency hard handovers	nkrttbh, tot
rrc_conn_act_rel_ganho	nok_ach_rrc_conn_act_tab.w2cvnrndnq2aicsdb02uaxybdk	INTEGER	#	The number of RRC active releases due to inter-system handover to Generic Access Network (GAN).	Sum, nkrttbh, tot
rrc_conn_act_rel_hho	nok_ach_rrc_conn_act_tab.w2cvnrpdnq2aicsdb02uaxybdk	INTEGER	#	The number of RRC active releases due to inter-frequency inter-RNC hard handover.	Sum, nkrttbh, tot
rrc_conn_act_rel_intra_hho	nok_ach_rrc_conn_act_tab.w2cvnrldnq2aicsdb02uaxybdk	INTEGER	#	The number of RRC active releases due to intra-frequency inter-RNC hard handover.	Sum, nkrttbh, tot
rrc_conn_act_rel_isho	nok_ach_rrc_conn_act_tab.w2cvnrrdnq2aicsdb02uaxybdk	INTEGER	#	The number of RRC active releases due to inter system handover to GSM.	Sum, nkrttbh, tot
rrc_conn_active_rel_due_to_unspec_error_in_cn	nok_ach_rrc_conn_act_tab.wxjpl00afq2ahdvuj02uauibev	INTEGER	#	The number of RRC connection active releases due to unspecified error received from CN.	Sum, nkrttbh, tot
rrc_conn_rel_due_hw_res	nok_ach_rrc_conn_act_tab.w2cvnqrdnq2aicsdb02uaxybdk	INTEGER	#	The number of RRC connection releases due to RNC HW resources. Also counter M1001C12	Sum, nkrttbh, tot

				is updated along with this counter.	
rrc_conn_rel_due_inactivity	nok_ach_rrc_conn_act_tab.w2cvnqpdnq2aicsdb02uaxybdk	INTEGER	#	The number of RRC connection releases due to user inactivity in Cell-PCH or URA-PCH state. Also counter M1001C12 is updated along with this counter.	Sum, nkrttbh, tot

6.34.35RNC.Nokia.UMTS.anchoring.rrc.connection_mobility_procedures

RNC anchoring:RRC - Connection mobility procedures statistics

KPI Name	Expression	Data Type	Units	Description	Aggregation
_%_active_set_update_rl_del_success	100 * {active_set_update_rl_del_success}/ {active_set_update_rl_del_attempts}	FLOAT	%	The percentage of successfully deleted radio links with an active set update procedure.	Average, avg, nkrttbh
active_set_update_rl_add_attempts	nok_nkrn_acrrcconnmbpc_tab.uaqad2p1im2ahsxr0035xkcuai	INTEGER	#	The number of attempted radio link additions with an active set update procedure.	Sum, nkrttbh, tot
active_set_update_rl_add_fail_no_reply	nok_nkrn_acrrcconnmbpc_tab.uaqad2v1im2ahsxr0035xkcuai	INTEGER	#	The number of failed radio link additions with an active set update procedure due to the UE not responding to an RRC: ACTIVE SET UPDATE.	Sum, nkrttbh, tot
active_set_update_	nok_nkrn_acrrcconnmbpc_	INTEG	#	The number of failed	Sum,

rl_add_failure_ue	tab.uaqad2t1im2ahsxr0035xkcuai	ER		radio link additions with an active set update procedure due to the UE responding with an RRC: ACTIVE SET UPDATE FAILURE.	nkrttbh, tot
active_set_update_rl_add_success	nok_nkrn_acrrcconnmbpc_tab.uaqad2r1im2ahsxr0035xkcuai	INTEGER	#	The number of successfully added radio links with an active set update procedure.	Sum, nkrttbh, tot
active_set_update_rl_del_attempts	nok_nkrn_acrrcconnmbpc_tab.uaqad2x1im2ahsxr0035xkcuai	INTEGER	#	The number of attempted radio link deletions with an active set update procedure.	Sum, nkrttbh, tot
active_set_update_rl_del_success	nok_nkrn_acrrcconnmbpc_tab.uaqad301im2ahsxr0035xkcuai	INTEGER	#	The number of successfully deleted radio links with an active set update procedure.	Sum, nkrttbh, tot
assistance_data_delivery_messages	nok_nkrn_acrrcconnmbpc_tab.xdi26ivafq2ahdvuj02uauibev	INTEGER	#	The number of sent UE positioning related Assistance Data Delivery messages.	Sum, nkrttbh, tot
cell_update_att_due_to_cell_resel	nok_nkrn_acrrcconnmbpc_tab.tnthpmtahl26seccb00hw01qk4	INT8	#	A number of cell update attempts due to cell reselection.	Sum, nkrttbh, tot
cell_update_att_due_to_data_transm	nok_nkrn_acrrcconnmbpc_tab.tnvqtxhahl26seccb00hw01qk4	INT8	#	A number of cell update attempts due to UL data transmission. If the cell update cause in the RRC,CELL_UPDATE message is UL data transmission then the RNCs RRC signalling entity	Sum, nkrttbh, tot

				forwards this information to RNCs PS and starts the cell update procedure.	
cell_update_att_due_to_paging_resp	nok_nkrn_acrrcconnmbpc_tab.tnwtsvpahl26seccb00hw01qk4	INT8	#	A number of cell update attempts due to paging response.If the cell update cause in the RRC CELL_UPDATE message is paging response, the RNCs RRC signalling entity updates the MS location information and if the reason for paging was DL data transmission while the MS was in URA_PCH state, this location information is forwarded to the RNCs PS.	Sum, nkrttbh, tot
cell_update_att_due_to_per_update	nok_nkrn_acrrcconnmbpc_tab.tnuk1y6ahl26seccb00hw01qk4	INT8	#	A number of cell update attempts due to periodic update. If the cell update causes in the RRC CELL_UPDATE message is periodic cell update, the RNCs RRC signalling entity starts the cell update procedure.	Sum, nkrttbh, tot
cell_update_att_due_to_radio_link_fa	nok_nkrn_acrrcconnmbpc_tab.to0bcxlahl26seccb00h	INT8	#	A number of cell update attempts due	Sum, nkrttbh,

ilure	w01qk4			to a radio link failure.	tot
cell_update_att_due_to_re_entered_service_area	nok_nkrn_acrrcconnmbpc_tab.tny2bgxahl26seccb00hw01qk4	INT8	#	A number of cell update attempts due to a re entered service area.	Sum, nkrttbh, tot
cell_update_att_due_to_rlc_unrecoverable_error	nok_nkrn_acrrcconnmbpc_tab.to1gh6dahl26seccb00hw01qk4	INT8	#	A number of cell update attempts due to an RLC unrecoverable error.	Sum, nkrttbh, tot
denom_res_allo_tm_fach	nok_nkrn_acrrcconnmbpc_tab.w2cvnp6dnq2aicsdb02uaxybdk	INTEGER	#	Denominator for M1006C184, used for average calculation.	Sum, nkrttbh, tot
denom_res_allo_tm_rrc_setup	nok_nkrn_acrrcconnmbpc_tab.w2cvnp2dnq2aicsdb02uaxybdk	INTEGER	#	Denominator for M1006C182, used for average calculation.	Sum, nkrttbh, tot
denom_st_trans_time_dch_pch	nok_nkrn_acrrcconnmbpc_tab.w2cvnotdnq2aicsdb02uaxybdk	INTEGER	#	Denominator for M1006C178 used for average calculation.	Sum, nkrttbh, tot
denom_st_trans_time_fach_pch	nok_nkrn_acrrcconnmbpc_tab.w2cvnoxdnq2aicsdb02uaxybdk	INTEGER	#	Denominator for M1006C180 used for average calculation.	Sum, nkrttbh, tot
ho_from_utran_com_fail	nok_nkrn_acrrcconnmbpc_tab.toe0dydahl26seccb00hw01qk4	INT8	#	Number of received handover from UTRAN Command Failures for Circuit Switched calls.	Sum, nkrttbh, tot
ho_from_utran_com	nok_nkrn_acrrcconnmbpc_tab.toctakhahl26seccb00hw01qk4	INT8	#	Number of sent handover from UTRAN Commands for Circuit Switched calls.	Sum, nkrttbh, tot
inter_rat_ho_from_utran_fail	nok_nkrn_acrrcconnmbpc_tab.tobmw3tahl26seccb00hw01qk4	INT8	#	Number of failed inter RAT handovers for Packet Switched calls.	Sum, nkrttbh, tot

inter_rat_ho_from_utran	nok_nkrn_acrrcconnmbpc_tab.toaghwlahl26seccb00hw01qk4	INT8	#	Number of started (attempted) inter RAT handovers for Packet Switched calls.	Sum, nkrttbh, tot
rrc_conn_mode_left_cell	nok_nkrn_acrrcconnmbpc_tab.to2nbh6ahl26seccb00hw01qk4	INT8	#	-Obsolete in RN2.1- A number of RRC connected mode UEs that have moved to another cell.	Sum, nkrttbh, tot
rrc_connect_mode_ues_that_left_cell_thru_cell_or_ura_update_proc	nok_nkrn_acrrcconnmbpc_tab.to66se2ahl26seccb00hw01qk4	INT8	#	[rrc_connected_mode_ues_that_have_left_the_cell_through_cell_or_ura_update_procedure] - A number of RRC connected mode UEs in CELL_FACH, CELL_PCH, URA_PCH state that have left the cell due to CellURA update procedure. Full name (too long) is RRC_CONNECTED_MODE_UES_THAT_HAVE_LEFT_THE_CELL_THROUGH_CELL_OR_URA_UPDATE_PROCEDURE	Sum, nkrttbh, tot
rrc_ho_to_utran_comp	nok_nkrn_acrrcconnmbpc_tab.tof5yjxahl26seccb00hw01qk4	INT8	#	Number of received RRC handover to UTRAN complete messages for Circuit Switched calls	Sum, nkrttbh, tot
rrc_re_est_fail_noreply_mr	nok_nkrn_acrrcconnmbpc_tab.w2cvnpldnq2aicsdb02u	INTEGER	#	The number of failed RRC connection re-	Sum, nkrttbh,

	axybdk			establishments due to the UE not replying to an RRC: CELL UPDATE CONFIRM message sent by the RNC, for UEs with at least two RABs.	tot
rrc_re_est_fail_noreply_rt	nok_nkrn_acrrcconnmbpc_tab.w2cvnpfdnq2aicsdb02uaxybdk	INTEGER	#	The number of failed RRC connection re-establishments due to the UE not replying to an RRC: CELL UPDATE CONFIRM message sent by the RNC, for UEs with at least one RT RAB.	Sum, nkrttbh, tot
rrc_re_est_fail_ue_mr	nok_nkrn_acrrcconnmbpc_tab.w2cvnpjdnq2aicsdb02uaxybdk	INTEGER	#	The number of failed RRC connection re-establishments due to the UE replying with an RRC: RADIO BEARER RECONFIGURATION FAILURE message, for UEs with at least two RABs.	Sum, nkrttbh, tot
rrc_re_est_fail_ue_rt	nok_nkrn_acrrcconnmbpc_tab.w2cvnpddnq2aicsdb02uaxybdk	INTEGER	#	The number of failed RRC connection re-establishments due to the UE replying with an RRC: RADIO BEARER RECONFIGURATION FAILURE message, for UEs with at least one RT RAB.	Sum, nkrttbh, tot
rrc_re_est_succ_mr	nok_nkrn_acrrcconnmbpc_tab.w2cvnphdnq2aicsdb02uaxybdk	INTEGER	#	The number of successful RRC connection re-	Sum, nkrttbh, tot

				establishments for UEs with at least two RABs.	
rrc_re_est_succ_rt	nok_nkrn_acrrcconnmbpc_tab.w2cvnpbdnq2aicsdb02uaxybdk	INTEGER	#	The number of successful RRC connection re-establishments for UEs with at least one RT RAB.	Sum, nkrttbh, tot
sum_res_allo_time_fach	nok_nkrn_acrrcconnmbpc_tab.w2cvnp4dnq2aicsdb02uaxybdk	INTEGER	ms	Sum of HW and Radio resource allocation time between UL/DL capacity request or RT-RAB Assignment Request received and NBAP: RADIO LINK SETUP sent to NodeB. This counter, divided by the denominator, provides the average resource allocation time.	Sum, nkrttbh, tot
sum_res_allo_time_rrc_setup	nok_nkrn_acrrcconnmbpc_tab.w2cvnp0dnq2aicsdb02uaxybdk	INTEGER	ms	Sum of HW, Transmission and Radio resource allocation time in the RRC Connection Establishment procedure, defined as the time between RRC: RRC CONNECTION REQUEST received by RNC and RRC:RRC CONNECTION	Sum, nkrttbh, tot

				SETUP sent to UE. This counter, divided by the denominator, provides the average resource allocation time.	
sum_st_trans_time_fach_pch	nok_nkrn_acrrcconnmbpc_tab.w2cvnovdnq2aicsdb02uaxybdk	INTEGER	ms	Sum of state transition times from Cell-FACH state to Cell-PCH or URA-PCH state, defined as the time between: When RNC decides to initiate Cell_FACH to Cell_PCH transition - RRC: Physical Channel Reconfiguration Complete. This counter, divided by the denominator, provides the average state transition time.	Sum, nkrttbh, tot
ura_update_att_due_to_change_of_ura	nok_nkrn_acrrcconnmbpc_tab.to3tndpahl26seccb00hw01qk4	INT8	#	- Obsolete in RN2.2 - A number of cell update attempts due to a change of URA (URA reselection).	Sum, nkrttbh, tot
ura_update_att_due_to_per_update	nok_nkrn_acrrcconnmbpc_tab.to50m3tahl26seccb00hw01qk4	INT8	#	- Obsolete in RN2.2 - A number of URA update attempts due to periodic update.	Sum, nkrttbh, tot

6.34.36RNC.Nokia.UMTS.anchoring.rrc.connection_setup

RNC anchoring:RRC - Connection setup statistics

KPI Name	Expression	Data Type	Units	Description	Aggregation
access_stratum_release_indicator_relea	nok_ach_rrc_conn_set_tab.uaqacvp1im2ahsxr0035xkc	INTEGER	#	The number of RRC connection	Sum, nkrttbh,

se_6	uai			establishments by UEs with access stratum release indicator release 6.	tot
rrc_conn_setup_completed_after_directed	nok_ach_rrc_conn_set_tab.tos3wjtahl26seccb00hw01qk4	INT8	#	The RRC connection setup is completed after directed to the cell. This counter is updated to that cell to which the RRC connection is directed.	Sum, nkrttbh, tot
rrc_conn_setup_completed_and_directed	nok_ach_rrc_conn_set_tab.totgq2pahl26seccb00hw01qk4	INT8	#	RRC Connection setup completed and directed to another cell. This counter is updated for the cell where the RRC CONNECTION REQUEST was received.	Sum, nkrttbh, tot
rrc_conn_setup_fail_due_to_icsu_overload	nok_ach_rrc_conn_set_tab.uaqacvt1im2ahsxr0035xkcuai	INTEGER	#	The number of RRC setup failures caused by ICSU overload.	Sum, nkrttbh, tot
rrc_conn_setup_fail_due_to_rnti_allo_fail	nok_ach_rrc_conn_set_tab.toqv2ytahl26seccb00hw01qk4	INT8	#	Number of RRC setup failures caused by RNTI allocation failure.	Sum, nkrttbh, tot
rrc_connection_setup_attempt_repeats	nok_ach_rrc_conn_set_tab.topp12pahl26seccb00hw01qk4	INT8	#	The number of RRC connection request retransmissions (successfully received by the RNC) from the	Sum, nkrttbh, tot

				same UE if the RRC connection request is rejected due to an unsuccessful resource reservation attempt in RNC. This counter is used for gathering information on RRC connection request retransmissions eventually leading to the successful RRC connection establishment (i.e. the retransmissions were not caused by a failure in the Uu).	
rrc_setup_att_repeat_call_re_establishment	nok_ach_rrc_conn_set_tab.tpj3yspahl26seccb00hw01qk4	INT8	#	The number of RRC connection request retransmissions (successfully received by the RNC) with the cause call re-establishment from the same UE if the RRC connection request is rejected due to an unsuccessful resource reservation attempt in RNC.	Sum, nkrttbh, tot
rrc_setup_att_repeat_detach	nok_ach_rrc_conn_set_tab.tpfij5dahl26seccb00hw01qk4	INT8	#	The number of RRC connection request retransmissions (successfully received by the RNC) with the cause detach from the same UE if the	Sum, nkrttbh, tot

				RRC connection request is rejected due to an unsuccessful resource reservation attempt in RNC.	
rrc_setup_att_repeat_emergency_call	nok_ach_rrc_conn_set_tab.tpanshtahl26seccb00hw01qk4	INT8	#	The number of RRC connection request retransmissions (successfully received by the RNC) with the cause emergency call from the same UE if the RRC connection request is rejected due to an unsuccessful resource reservation attempt in RNC.	Sum, nkrttbh, tot
rrc_setup_att_repeat_inter_rat_cell_change_order	nok_ach_rrc_conn_set_tab.tpd2ktdahl26seccb00hw01qk4	INT8	#	The number of RRC connection request retransmissions (successfully received by the RNC) with the cause inter-RAT cell change order from the same UE if the RRC connection request is rejected due to an unsuccessful resource reservation attempt in RNC.	Sum, nkrttbh, tot
rrc_setup_att_repeat_inter_rat_cell_res	nok_ach_rrc_conn_set_tab.tpbuq2tahl26seccb00hw01	INT8	#	The number of RRC connection	Sum, nkrttbh,

el	qk4			request retransmissions (successfully received by the RNC) with the cause inter-RAT cell reselection from the same UE if the RRC connection request is rejected due to an unsuccessful resource reservation attempt in RNC.	tot
rrc_setup_att_repeat_mo_background_call	nok_ach_rrc_conn_set_tab.tp0kn26ahl26seccb00hw01qk4	INT8	#	The number of RRC connection request retransmissions (successfully received by the RNC) with the cause originating background call from the same UE if the RRC connection request is rejected due to an unsuccessful resource reservation attempt in RNC.	Sum, nkrttbh, tot
rrc_setup_att_repeat_mo_conversational_call	nok_ach_rrc_conn_set_tab.tovtcp2ahl26seccb00hw01qk4	INT8	#	The number of RRC connection request retransmissions (successfully received by the RNC) with the cause originating conversational call from the same UE if the RRC connection request is rejected due to an unsuccessful resource reservation	Sum, nkrttbh, tot

				attempt in RNC.	
rrc_setup_att_repeat_mo_high_priority_signalling	nok_ach_rrc_conn_set_tab.tpgplbhahl26seccb00hw01qk4	INT8	#	The number of RRC connection request retransmissions (successfully received by the RNC) with the cause originating high priority signalling from the same UE if the RRC connection request is rejected due to an unsuccessful resource reservation attempt in RNC.	Sum, nkrttbh, tot
rrc_setup_att_repeat_mo_interactive_call	nok_ach_rrc_conn_set_tab.toyfis6ahl26seccb00hw01qk4	INT8	#	The number of RRC connection request retransmissions (successfully received by the RNC) with the cause originating interactive call from the same UE if the RRC connection request is rejected due to an unsuccessful resource reservation attempt in RNC.	Sum, nkrttbh, tot
rrc_setup_att_repeat_mo_low_priority_signalling	nok_ach_rrc_conn_set_tab.tphw63dahl26seccb00hw01qk4	INT8	#	The number of RRC connection request retransmissions (successfully	Sum, nkrttbh, tot

				received by the RNC) with the cause originating low priority signalling from the same UE if the RRC connection request is rejected due to an unsuccessful resource reservation attempt in RNC.	
rrc_setup_att_repeat_mo_streaming_call	nok_ach_rrc_conn_set_tab.toxbi6pahl26seccb00hw01qk4	INT8	#	The number of RRC connection request retransmissions (successfully received by the RNC) with the cause originating streaming call from the same UE if the RRC connection request is rejected due to an unsuccessful resource reservation attempt in RNC.	Sum, nkrttbh, tot
rrc_setup_att_repeat_mo_subscribed_traffic_call	nok_ach_rrc_conn_set_tab.tp1o2y2ahl26seccb00hw01qk4	INT8	#	The number of RRC connection request retransmissions (successfully received by the RNC) with the cause originating subscribed traffic call from the same UE if the RRC connection request is rejected due to an unsuccessful resource reservation attempt in RNC.	Sum, nkrttbh, tot

rrc_setup_att_repeat_mt_background_call	nok_ach_rrc_conn_set_tab.tp6hcodahl26seccb00hw01qk4	INT8	#	The number of RRC connection request retransmissions (successfully received by the RNC) with the cause terminating background call from the same UE if the RRC connection request is rejected due to an unsuccessful resource reservation attempt in RNC.	Sum, nkrttbh, tot
rrc_setup_att_repeat_mt_cause_unknown	nok_ach_rrc_conn_set_tab.tpmrtf2ahl26seccb00hw01qk4	INT8	#	The number of RRC connection request retransmissions (successfully received by the RNC) with the cause terminating - cause unknown from the same UE if the RRC connection request is rejected due to an unsuccessful resource reservation attempt in RNC.	Sum, nkrttbh, tot
rrc_setup_att_repeat_mt_conversational_call	nok_ach_rrc_conn_set_tab.tp2qlqpahl26seccb00hw01qk4	INT8	#	The number of RRC connection request retransmissions (successfully received by the RNC) with the cause terminating	Sum, nkrttbh, tot

				conversational call from the same UE if the RRC connection request is rejected due to an unsuccessful resource reservation attempt in RNC.	
rrc_setup_att_repeat_mt_high_priority_signalling	nok_ach_rrc_conn_set_tab.tpkeg2xahl26seccb00hw01qk4	INT8	#	The number of RRC connection request retransmissions (successfully received by the RNC) with the cause terminating high priority signalling from the same UE if the RRC connection request is rejected due to an unsuccessful resource reservation attempt in RNC.	Sum, nkrttbh, tot
rrc_setup_att_repeat_mt_interactive_call	nok_ach_rrc_conn_set_tab.tp5arypahl26seccb00hw01qk4	INT8	#	The number of RRC connection request retransmissions (successfully received by the RNC) with the cause terminating interactive call from the same UE if the RRC connection request is rejected due to an unsuccessful resource reservation attempt in RNC.	Sum, nkrttbh, tot
rrc_setup_att_repeat_mt_low_priority_signalling	nok_ach_rrc_conn_set_tab.tpllm6tahl26seccb00hw01qk4	INT8	#	The number of RRC connection request	Sum, nkrttbh, tot

				retransmissions (successfully received by the RNC) with the cause terminating low priority signalling from the same UE if the RRC connection request is rejected due to an unsuccessful resource reservation attempt in RNC.	
rrc_setup_att_repeat_mt_streaming_call	nok_ach_rrc_conn_set_tab.tp44p6xahl26seccb00hw01qk4	INT8	#	The number of RRC connection request retransmissions (successfully received by the RNC) with the cause terminating streaming call from the same UE if the RRC connection request is rejected due to an unsuccessful resource reservation attempt in RNC.	Sum, nkrttbh, tot
rrc_setup_att_repeat_registration	nok_ach_rrc_conn_set_tab.tpecjwtahl26seccb00hw01qk4	INT8	#	The number of RRC connection request retransmissions (successfully received by the RNC) with the cause registration from the same UE if the RRC	Sum, nkrttbh, tot

				connection request is rejected due to an unsuccessful resource reservation attempt in RNC.	
rrc_setup_att	nok_ach_rrc_conn_set_tab.toggsapahl26seccb00hw01qk4	INT8	#	A number of RRC connection setup attempts	Sum, nkrttbh, tot
rrc_setup_compl	nok_ach_rrc_conn_set_tab.tohmrbdahl26seccb00hw01qk4	INT8	#	A number of RRC connection setups completed	Sum, nkrttbh, tot
rrc_setup_fail_due_to_ac	nok_ach_rrc_conn_set_tab.tojwu52ahl26seccb00hw01qk4	INT8	#	A number of RRC connection setup failures caused by AC	Sum, nkrttbh, tot
rrc_setup_fail_due_to_bts_reasons	nok_ach_rrc_conn_set_tab.tol1fihahl26seccb00hw01qk4	INT8	#	A number of RRC connection setup failures caused by a BTS. When the BTS rejects an initial RL setup	Sum, nkrttbh, tot
rrc_setup_fail_due_to_frozen_bts	nok_ach_rrc_conn_set_tab.toojpdtahl26seccb00hw01qk4	INT8	#	A number of RRC connection setup failures caused by a frozen BTS. Frozen BTS means that currently no new RRC connections are allowed	Sum, nkrttbh, tot
rrc_setup_fail_due_to_hc	nok_ach_rrc_conn_set_tab.toipodlahl26seccb00hw01qk4	INT8	#	A number of RRC connection setup failures caused by HC	Sum, nkrttbh, tot
rrc_setup_fail_due_to_iub_aal2_trans	nok_ach_rrc_conn_set_tab.toumlbtahl26seccb00hw01qk4	INT8	#	The number of RRC setup failures caused by Iub AAL2 transport resource shortage.	Sum, nkrttbh, tot
rrc_setup_fail_due_to_rnc_inter_reasons	nok_ach_rrc_conn_set_tab.toncqudahl26seccb00hw01qk4	INT8	#	A number of RRC connection setup failures caused by	Sum, nkrttbh, tot

				RNCs internal reasons (eg. Parameter mismatch, timer expiry)	
rrc_setup_fail_due_to_trans	nok_ach_rrc_conn_set_tab.tom3cllahl26seccb00hw01qk4	INT8	#	A number of RRC connection setup failures caused by a transmission	Sum, nkrttbh, tot
rrc_setup_reject_due_to_emergency_call_redirection	nok_ach_rrc_conn_set_tab.uaqacvr1im2ahsxr0035xkcuai	INTEGER	#	The number of RRC connections rejected due to emergency call redirection.	Sum, nkrttbh, tot
succ_rrc_setup_backg	nok_ach_rrc_conn_set_tab.w2cvnr0dnq2aicsdb02uaxybdk	INTEGER	#	The number of successful RRC connection setups for a background call. Both originating and terminating background calls are included. RRC connections established via SRNC relocation, Inter-RNC HHO or CS Inter-System handover are not included.	Sum, nkrttbh, tot
succ_rrc_setup_conv	nok_ach_rrc_conn_set_tab.w2cvnqtdnq2aicsdb02uaxybdk	INTEGER	#	The number of successful RRC connection setups for a conversational call. Both originating and terminating conversational calls	Sum, nkrttbh, tot

				are included. RRC connections established via SRNC relocation, Inter-RNC HHO or CS Inter-System handover are not included.	
succ_rrc_setup_intera	nok_ach_rrc_conn_set_tab.w2cvnqxdnq2aicsdb02uaxybdk	INTEGER	#	The number of successful RRC connection setups for a interactive call. Both originating and terminating interactive calls are included. RRC connections established via SRNC relocation, Inter-RNC HHO or CS Inter-System handover are not included.	Sum, nkrttbh, tot
succ_rrc_setup_other	nok_ach_rrc_conn_set_tab.w2cvnr2dnq2aicsdb02uaxybdk	INTEGER	#	The number of successful RRC connection setups with establishment cause other than those covered by counters M1001C630-M1001C633. RRC connections established via SRNC relocation, Inter-RNC HHO or CS Inter-System handover are not included.	Sum, nkrttbh, tot
succ_rrc_setup_strea	nok_ach_rrc_conn_set_tab.w2cvnqvdnq2aicsdb02uaxybdk	INTEGER	#	The number of successful RRC connection setups for a streaming call.	Sum, nkrttbh, tot

				Both originating and terminating streaming calls are included. RRC connections established via SRNC relocation, Inter-RNC HHO or CS Inter-System handover are not included.	
ue_support_for_edch_category_1	nok_ach_rrc_conn_set_tab.uaqacvd1im2ahsxr0035xkcuai	INTEGER	#	The number of RRC connection establishments by UEs supporting E-DCH category 1 defined in 3GPP TS 25.306.	Sum, nkrttbh, tot
ue_support_for_edch_category_2	nok_ach_rrc_conn_set_tab.uaqacvf1im2ahsxr0035xkcuai	INTEGER	#	The number of RRC connection establishments by UEs supporting E-DCH category 2 defined in 3GPP TS 25.306.	Sum, nkrttbh, tot
ue_support_for_edch_category_3	nok_ach_rrc_conn_set_tab.uaqacvh1im2ahsxr0035xkcuai	INTEGER	#	The number of RRC connection establishments by UEs supporting E-DCH category 3 defined in 3GPP TS 25.306.	Sum, nkrttbh, tot
ue_support_for_edch_category_4	nok_ach_rrc_conn_set_tab.uaqacvj1im2ahsxr0035xkcuai	INTEGER	#	The number of RRC connection establishments by UEs supporting E-DCH category 4 defined in 3GPP TS	Sum, nkrttbh, tot

				25.306.	
ue_support_for_edch_category_5	nok_ach_rrc_conn_set_tab.uaqacvl1im2ahsxr0035xkcuai	INTEGER	#	The number of RRC connection establishments by UEs supporting E-DCH category 5 defined in 3GPP TS 25.306.	Sum, nkrttbh, tot
ue_support_for_edch_category_6	nok_ach_rrc_conn_set_tab.uaqacvn1im2ahsxr0035xkcuai	INTEGER	#	The number of RRC connection establishments by UEs supporting E-DCH category 6 defined in 3GPP TS 25.306.	Sum, nkrttbh, tot
ue_support_ganho	nok_ach_rrc_conn_set_tab.w2cvnrjdnq2aicsdb02uaxybdk	INTEGER	#	The number of RRC connection establishments by UEs that support handover to Generic Access Network (GAN).	Sum, nkrttbh, tot

6.34.37RNC.Nokia.UMTS.anchoring.rrc.connections

RRC connection measurements

KPI Name	Expression	Data Type	Units	Description	Aggregation
rrc_connection_enters_new_ref_cell	nok_ach_rrc_conns_tab.wxjpl22afq2ahdvuj02uauibev	INTEGER	#	The number of RRC Connections that enter a new reference cell.	Sum, nkrttbh, tot
rrc_connection_leaves_old_ref_cell	nok_ach_rrc_conns_tab.wxjpl0pafq2ahdvuj02uauibev	INTEGER	#	The number of RRC Connections that have left from the old reference cell.	Sum, nkrttbh, tot

6.34.38RNC.Nokia.UMTS.anchoring.rrc.establishment_per_ue_capability

RNC anchoring:RRC - Connection establishments per UE statistics

KPI Name	Expression	Data Type	Units	Description	Aggregation
access_stratum_release_indicator_release_4	nok_ach_rrc_est_ue_cap_tab.tpq5tuxahl26seccb00hw01qk4	INT8	#	The number of RRC connection establishments by UEs with access stratum release indicator release 4.	Sum, nkrttbh, tot
access_stratum_release_indicator_release_5	nok_ach_rrc_est_ue_cap_tab.tq1lmj6ahl26seccb00hw01qk4	INT8	#	The number of RRC connection establishments by UEs with access stratum release indicator release 5.	Sum, nkrttbh, tot
access_stratum_release_indicator_release_99	nok_ach_rrc_est_ue_cap_tab.tprekqdahl26seccb00hw01qk4	INT8	#	The number of RRC connection establishments by UEs with access stratum release indicator release 99.	Sum, nkrttbh, tot
ue_rxtx_time_difference_positioning_capability_type_2	nok_ach_rrc_est_ue_cap_tab.tputclhahl26seccb00hw01qk4	INT8	#	The number of RRC connection establishments by UEs that support RX-TX time difference positioning capability type 2.	Sum, nkrttbh, tot
ue_support_for_gsm	nok_ach_rrc_est_ue_cap_tab.tpsh6k6ahl26seccb00hw01qk4	INT8	#	The number of RRC connection establishments by UEs that support GSM.	Sum, nkrttbh, tot
ue_support_for_hsdsch_class_1_to_6	nok_ach_rrc_est_ue_cap_tab.tpvyb32ahl26seccb00hw01qk4	INT8	#	The number of RRC connection establishments by UEs supporting HS-	Sum, nkrttbh, tot

				DSCH classes 1, 2, 3, 4, 5 or 6. The classes are defined in 3GPP TS 25.133.	
ue_support_for_hsdsch_class_11_or_12	nok_ach_rrc_est_ue_cap_tab.tq0g6qdahl26seccb00hw01qk4	INT8	#	The number of RRC connection establishments by UEs supporting HS-DSCH classes 11 or 12. The classes are defined in 3GPP TS 25.133.	Sum, nkrttbh, tot
ue_support_for_hsdsch_class_7_or_8	nok_ach_rrc_est_ue_cap_tab.tpx2on6ahl26seccb00hw01qk4	INT8	#	The number of RRC connection establishments by UEs supporting HS-DSCH classes 7 or 8. The classes are defined in 3GPP TS 25.133.	Sum, nkrttbh, tot
ue_support_for_hsdsch_class_9_or_10	nok_ach_rrc_est_ue_cap_tab.tpybj3tahl26seccb00hw01qk4	INT8	#	The number of RRC connection establishments by UEs supporting HS-DSCH classes 9 or 10. The classes are defined in 3GPP TS 25.133.	Sum, nkrttbh, tot
ue_support_for_iphc	nok_ach_rrc_est_ue_cap_tab.tpnynjtahl26seccb00hw01qk4	INT8	#	The number RRC connection establishments by UEs that support RFC2507 IP header compression.	Sum, nkrttbh, tot
ue_support_for_multi_carrier_cdma	nok_ach_rrc_est_ue_cap_tab.tptntn6ahl26seccb00hw01qk4	INT8	#	The number of RRC connection establishments by UEs that support multi-carrier CDMA.	Sum, nkrttbh, tot
ue_support_for_rohc	nok_ach_rrc_est_ue_cap_tab.tpp2tt2ahl26seccb00hw	INT8	#	- Obsolete in RN2.2 - The number RRC	Sum, nkrttbh,

	01qk4			connection establishments by UEs that support RFC3095 (ROHC) IP header compression.	tot
ue_support_nw_aps	nok_ach_rrc_est_ue_cap_tab.x4iqmpnafq2ahdvuj02uauibev	INTEGER	#	The number of RRC connection establishments by UEs that support network assisted GPS.	Sum, nkrttbh, tot

6.34.39RNC.Nokia.UMTS.anchoring.rrc.radio_bearer_setup

RRC radio bearer setup measurements

KPI Name	Expression	Data Type	Units	Description	Aggregation
att_rb_setup_hsdpa	nok_nkrnc_rrcradbeaset_tab.w2cvnmxdnq2aicsdb02uaxybdk	INTEGER	#	The number of attempted Radio Bearer setups for HSDPA.	Sum, nkrttbh, tot
fail_rb_setup_hsdpa_noreply	nok_nkrnc_rrcradbeaset_tab.w2cvnpndnq2aicsdb02uaxybdk	INTEGER	#	The number of failed Radio Bearer setups for HSDPA due to UE not responding.	Sum, nkrttbh, tot
fail_rb_setup_hsdpa_ue	nok_nkrnc_rrcradbeaset_tab.w2cvnppdnq2aicsdb02uaxybdk	INTEGER	#	The number of failed Radio Bearer setups for HSDPA due to UE responding with a failure message.	Sum, nkrttbh, tot
succ_rb_setup_hsdpa	nok_nkrnc_rrcradbeaset_tab.w2cvnn0dnq2aicsdb02uaxybdk	INTEGER	#	The number of successful Radio Bearer setups for	Sum, nkrttbh, tot

				HSDPA.	

6.34.40RNC.Nokia.UMTS.anchoring.rrc.setup_causes_call_reestablish

RNC anchoring:RRC - Connection setup cause:call re-establishments statistics

KPI Name	Expression	Data Type	Units	Description	Aggregation
call_re_estab_attempts	nok_nkrn_acrrcstcareest_tab.tq2qmqtahl26seccb00hw01qk4	INT8	#	A number of call re establishment attempts	Sum, nkrttbh, tot
call_re_estab_failures	nok_nkrn_acrrcstcareest_tab.tq3vr0tahl26seccb00hw01qk4	INT8	#	A number of call re establishment attempt failures	Sum, nkrttbh, tot

6.34.41RNC.Nokia.UMTS.anchoring.rrc.setup_causes_detach

RNC anchoring:RRC - Connection setup cause:call detachments statistics

KPI Name	Expression	Data Type	Units	Description	Aggregation
detach_attempts	nok_nkrn_acrrcstcadetch_tab.tq501utahl26seccb00hw01qk4	INT8	#	A number of detach attempts	Sum, nkrttbh, tot
detach_failures	nok_nkrn_acrrcstcadetch_tab.tq63tp6ahl26seccb00hw01qk4	INT8	#	A number of detach attempt failures	Sum, nkrttbh, tot

6.34.42RNC.Nokia.UMTS.anchoring.rrc.setup_causes_emergency

RNC anchoring:RRC - Connection setup cause:emergency calls statistics

KPI Name	Expression	Data Type	Units	Description	Aggregation
emergency_call_attempts	nok_nkrn_acrrcstcaemerg_tab.tqacfqtahl26seccb00hw01qk4	INT8	#	A number of emergency call attempts	Sum, nkrttbh, tot
emergency_call_failures	nok_nkrn_acrrcstcaemerg_tab.tqbhedxahl26seccb00hw01qk4	INT8	#	A number of emergency call attempt failures	Sum, nkrttbh, tot

6.34.43RNC.Nokia.UMTS.anchoring.rrc.setup_causes_high_priority_sig

RNC anchoring:RRC - Connection setup cause:high priority signalling statistics

KPI Name	Expression	Data Type	Units	Description	Aggregation
mobile_originating_high_priority_signalling_attempts	nok_nkrn_acrrcstcahisig_tab.tqckghhahl26seccb00hw01qk4	INT8	#	A number of mobile originating high priority signalling attempts	Sum, nkrttbh, tot
mobile_originating_high_priority_signalling_failures	nok_nkrn_acrrcstcahisig_tab.tqdqlgpahl26seccb00hw01qk4	INT8	#	A number of mobile originating high priority signalling attempt failures	Sum, nkrttbh, tot
mobile_terminating_high_priority_signalling_attempts	nok_nkrn_acrrcstcahisig_tab.tqew5wlahl26seccb00hw01qk4	INT8	#	A number of mobile terminating high priority signalling attempts	Sum, nkrttbh, tot
mobile_terminating_high_priority_signalling_failures	nok_nkrn_acrrcstcahisig_tab.tqg2a36ahl26seccb00hw01qk4	INT8	#	A number of mobile terminating high priority signalling attempt failures	Sum, nkrttbh, tot

6.34.44RNC.Nokia.UMTS.anchoring.rrc.setup_causes_intr_rat

RNC anchoring:RRC - Connection setup cause: intra RAT related statistics

KPI Name	Expression	Data Type	Units	Description	Aggregation
intr_rat_cell_chng_ord_attempts	nok_nkrn_acrrcstcairat_tab.tqjffuxahl26seccb00hw01qk4	INT8	#	A number of intr_rat_cell_chng_ord attempts	Sum, nkrttbh, tot
intr_rat_cell_chng_ord_failures	nok_nkrn_acrrcstcairat_tab.tqkhm12ahl26seccb00hw01qk4	INT8	#	A number of intr_rat_cell_chng_ord failures	Sum, nkrttbh, tot
intr_rat_cell_re_sel	nok_nkrn_acrrcstcairat_tab.	INT8	#	A number of	Sum,

ect_attempts	tqha5ypahl26seccb00hw01qk4			intr_rat_cell_re_select attempts	nkrttbh, tot
intr_rat_cell_re_select_failures	nok_nkrn_acrrcstcairat_tab.tqicxoxahl26seccb00hw01qk4	INT8	#	A number of intr_rat_cell_re_select failures	Sum, nkrttbh, tot

6.34.45RNC.Nokia.UMTS.anchoring.rrc.setup_causes_intrregistration

RNC anchoring:RRC - Connection setup cause:registration request statistics

KPI Name	Expression	Data Type	Units	Description	Aggregation
registration_attempts	nok_nkrn_acrrcstcaireg_tab.tqlkn0dahl26seccb00hw01qk4	INT8	#	A number of registration attempts	Sum, nkrttbh, tot
registration_failures	nok_nkrn_acrrcstcaireg_tab.tqmqrrpahl26seccb00hw01qk4	INT8	#	A number of registration failures	Sum, nkrttbh, tot

6.34.46RNC.Nokia.UMTS.anchoring.rrc.setup_causes_low_priority_sig

RNC anchoring:RRC - Connection setup cause:low priority signalling statistics

KPI Name	Expression	Data Type	Units	Description	Aggregation
mobile_originating_low_priority_signalling_attempts	nok_nkrn_acrrcstcalosig_tab.tqnwshhahl26seccb00hw01qk4	INT8	#	A number of mobile originating low priority signalling attempts	Sum, nkrttbh, tot
mobile_originating_low_priority_signalling_failures	nok_nkrn_acrrcstcalosig_tab.tqp24xdahl26seccb00hw01qk4	INT8	#	A number of mobile originating low priority signalling attempt failures	Sum, nkrttbh, tot
mobile_terminating_low_priority_signalling_attempts	nok_nkrn_acrrcstcalosig_tab.tqq42thahl26seccb00hw01qk4	INT8	#	A number of mobile terminating low priority signalling attempts	Sum, nkrttbh, tot
mobile_terminating_low_priority_signalling_failures	nok_nkrn_acrrcstcalosig_tab.tqreudhahl26seccb00hw01qk4	INT8	#	A number of mobile terminating low priority	Sum, nkrttbh, tot

				signalling attempt failures	

6.34.47RNC.Nokia.UMTS.anchoring.rrc.setup_causes_mobile_orig

RNC anchoring:RRC - Connection setup cause:mobile originating statistics

KPI Name	Expression	Data Type	Units	Description	Aggregation
mobile_originating_background_call_attempts	nok_nkrn_acrrcstcamori_tab.tr12l4xahl26seccb00hw01qk4	INT8	#	A number of mobile originating background call attempts	Sum, nkrttbh, tot
mobile_originating_background_call_failures	nok_nkrn_acrrcstcamori_tab.tr2aq1dahl26seccb00hw01qk4	INT8	#	A number of mobile originating background call attempt failures	Sum, nkrttbh, tot
mobile_originating_conversational_call_attempts	nok_nkrn_acrrcstcamori_tab.tqsr2xhahl26seccb00hw01qk4	INT8	#	A number of mobile originating conversational call attempts	Sum, nkrttbh, tot
mobile_originating_conversational_call_failures	nok_nkrn_acrrcstcamori_tab.tqtxd16ahl26seccb00hw01qk4	INT8	#	A number of mobile originating conversational call attempt failures	Sum, nkrttbh, tot
mobile_originating_interactive_call_attempts	nok_nkrn_acrrcstcamori_tab.tqxpn16ahl26seccb00hw01qk4	INT8	#	A number of mobile originating interactive call attempts	Sum, nkrttbh, tot
mobile_originating_interactive_call_failures	nok_nkrn_acrrcstcamori_tab.tqyvyh2ahl26seccb00hw01qk4	INT8	#	A number of mobile originating interactive call attempt failures	Sum, nkrttbh, tot
mobile_originating_streaming_call_attempts	nok_nkrn_acrrcstcamori_tab.tqv212pahl26seccb00hw01qk4	INT8	#	A number of mobile originating streaming call	Sum, nkrttbh, tot

				attempts	
mobile_originating_streaming_call_failures	nok_nkrn_acrrcstcamori_tab.tqwbhftahl26seccb00hw01qk4	INT8	#	A number of mobile originating streaming call attempt failures	Sum, nkrttbh, tot
mobile_originating_subscribed_traffic_call_attempts	nok_nkrn_acrrcstcamori_tab.tr3gg3pahl26seccb00hw01qk4	INT8	#	A number of mobile originating subscribed traffic call attempts	Sum, nkrttbh, tot
mobile_originating_subscribed_traffic_call_failures	nok_nkrn_acrrcstcamori_tab.tr4ntopahl26seccb00hw01qk4	INT8	#	A number of mobile originating subscribed traffic call attempt failures	Sum, nkrttbh, tot

6.34.48RNC.Nokia.UMTS.anchoring.rrc.setup_causes_mobile_term

RNC anchoring:RRC - Connection setup cause:mobile terminating statistics

KPI Name	Expression	Data Type	Units	Description	Aggregation
mobile_terminating_background_call_attempts	nok_nkrn_acrrcstcamterm_tab.trg0daxahl26seccb00hw01qk4	INT8	#	A number of mobile terminating background call attempts	Sum, nkrttbh, tot
mobile_terminating_background_call_failures	nok_nkrn_acrrcstcamterm_tab.trh21khahl26seccb00hw01qk4	INT8	#	A number of mobile terminating background call attempt failures	Sum, nkrttbh, tot
mobile_terminating_conversational_call_attempts	nok_nkrn_acrrcstcamterm_tab.tr5u55tahl26seccb00hw01qk4	INT8	#	A number of mobile terminating conversational call attempts	Sum, nkrttbh, tot
mobile_terminating_conversational_call_failures	nok_nkrn_acrrcstcamterm_tab.tra0g2hahl26seccb00hw01qk4	INT8	#	A number of mobile terminating conversational call attempt failures	Sum, nkrttbh, tot
mobile_terminating_interactive_call_attempts	nok_nkrn_acrrcstcamterm_tab.trdmwc6ahl26seccb00hw01qk4	INT8	#	A number of mobile terminating interactive call attempts	Sum, nkrttbh, tot

mobile_terminating_interactive_call_failures	nok_nkrn_acrrcstcamterm_tab.tretlstahl26seccb00hw01qk4	INT8	#	A number of mobile terminating interactive call attempt failures	Sum, nkrttbh, tot
mobile_terminating_streaming_call_attempts	nok_nkrn_acrrcstcamterm_tab.trbalhlahl26seccb00hw01qk4	INT8	#	A number of mobile terminating streaming call attempts	Sum, nkrttbh, tot
mobile_terminating_streaming_call_failures	nok_nkrn_acrrcstcamterm_tab.trch1gtahl26seccb00hw01qk4	INT8	#	A number of mobile terminating streaming call attempt failures	Sum, nkrttbh, tot

6.34.49RNC.Nokia.UMTS.anchoring.rrc.setup_causes_term_unknown

RNC anchoring:RRC - Connection setup cause:unknown termination of calls statistics

KPI Name	Expression	Data Type	Units	Description	Aggregation
terminating_cause_unknown_attempts	nok_nkrn_acrrcstcauknwn_tab.tric14lahl26seccb00hw01qk4	INT8	#	A number of terminating call attempts with an unknown cause	Sum, nkrttbh, tot
terminating_cause_unknown_failures	nok_nkrn_acrrcstcauknwn_tab.trjhw3pahl26seccb00hw01qk4	INT8	#	A number of terminating calls with an unknown cause failure	Sum, nkrttbh, tot

6.34.50RNC.Nokia.UMTS.anchoring.signalling_paging_message

RNC anchoring:RRC - Connection management:Signalling, Paging, Initial dir ect transfer, Security mode and signalling connection statistics

KPI Name	Expression	Data Type	Units	Description	Aggregation
ini_dir_tran	nok_ach_sig_pag_msg_tab.tro3pjpahl26seccb00hw01q	INT8	#	Number of initial direct transfer	Sum, nkrttbh,

	k4			messages	tot
paging_type_1_att_cn_orig	nok_ach_sig_pag_msg_tab.trkktlhahl26seccb00hw01qk4	INT8	#	A number of CN originated paging type 1 attempts. Indicates the number of CN originated paging attempts to mobiles in idle mode or PCH/URA substate.	Sum, nkrttbh, tot
paging_type_1_att_rnc_orig	nok_ach_sig_pag_msg_tab.trlntr2ahl26seccb00hw01qk4	INT8	#	A number of RNC originated paging type 1 attempts. Indicates the number of RNC originated paging attempts to mobiles in idle mode or PCH/URA substate.	Sum, nkrttbh, tot
paging_type_2_att	nok_ach_sig_pag_msg_tab.trmvw66ahl26seccb00hw01qk4	INT8	#	A number of paging type 2 attempts. Indicates the number of (CN originated) paging attempts to mobiles in DCH or RACH/FACH substate.	Sum, nkrttbh, tot
sec_mod_contrl_comp	nok_ach_sig_pag_msg_tab.trqh4clahl26seccb00hw01qk4	INT8	#	Number of Security Mode Control Complete messages.	Sum, nkrttbh, tot
sec_mod_contrl	nok_ach_sig_pag_msg_tab.trpcig2ahl26seccb00hw01qk4	INT8	#	Number of Security Mode Control messages.	Sum, nkrttbh, tot
sig_conn_rel_req	nok_ach_sig_pag_msg_tab.trsphddahl26seccb00hw01qk4	INT8	#	Number of Signalling Connection Release Indication (request) messages.	Sum, nkrttbh, tot
sig_conn_rel	nok_ach_sig_pag_msg_tab.trrjpnpahl26seccb00hw01q	INT8	#	Number of Signalling	Sum, nkrttbh,

	k4			Connection Release messages.	tot

6.34.51RNC.Nokia.UMTS.anchoring.signalling_rrc.connection_setup_requests

RNC anchoring:RRC Signalling - Connection setup statistics

KPI Name	Expression	Data Type	Units	Description	Aggregation
rrc_conn_req_for_call_re_estab	nok_nkrn_acsigrrccnstrq_tab.tskd6epahl26seccb00hw01qk4	INT8	#	A number of establishment requests for call re establishments.	Sum, nkrttbh, tot
rrc_conn_req_for_detach	nok_nkrn_acsigrrccnstrq_tab.tsbsgolahl26seccb00hw01qk4	INT8	#	A number of establishment requests for detach.	Sum, nkrttbh, tot
rrc_conn_req_for_emerg_call	nok_nkrn_acsigrrccnstrq_tab.ts42ljtahl26seccb00hw01qk4	INT8	#	A number of establishment requests for emergency calls.	Sum, nkrttbh, tot
rrc_conn_req_for_intr_rat_cell_chng_ord	nok_nkrn_acsigrrccnstrq_tab.ts6foypahl26seccb00hw01qk4	INT8	#	A number of establishment requests for intr_rat_cell_chng_ord.	Sum, nkrttbh, tot
rrc_conn_req_for_intr_rat_cell_re_select	nok_nkrn_acsigrrccnstrq_tab.ts55lj6ahl26seccb00hw01qk4	INT8	#	A number of establishment requests for intr_rat_cell_re_select.	Sum, nkrttbh, tot
rrc_conn_req_for_moc_estab_of_backgr_call	nok_nkrn_acsigrrccnstrq_tab.ts1vlv2ahl26seccb00hw01qk4	INT8	#	A number of establishment requests for originating background calls.	Sum, nkrttbh, tot
rrc_conn_req_for_	nok_nkrn_acsigrrccnstrq_t	INT8	#	A number of	Sum,

moc_estab_of_conv_call	ab.trtt4oxahl26seccb00hw01qk4			establishment requests for originating conversational calls.	nkrttbh, tot
rrc_conn_req_for_moc_estab_of_interact_call	nok_nkrn_acsigrrccnstrq_tab.tryols6ahl26seccb00hw01qk4	INT8	#	A number of establishment requests for originating interactive calls.	Sum, nkrttbh, tot
rrc_conn_req_for_moc_estab_of_stream_call	nok_nkrn_acsigrrccnstrq_tab.trwbqplahl26seccb00hw01qk4	INT8	#	A number of establishment requests for originating streaming calls.	Sum, nkrttbh, tot
rrc_conn_req_for_mtc_estab_of_backgr_call	nok_nkrn_acsigrrccnstrq_tab.ts2ynolahl26seccb00hw01qk4	INT8	#	A number of establishment requests for terminating background calls.	Sum, nkrttbh, tot
rrc_conn_req_for_mtc_estab_of_conv_call	nok_nkrn_acsigrrccnstrq_tab.trv1jgtahl26seccb00hw01qk4	INT8	#	A number of establishment requests for terminating conversational calls.	Sum, nkrttbh, tot
rrc_conn_req_for_mtc_estab_of_interact_call	nok_nkrn_acsigrrccnstrq_tab.ts0sjfpahl26seccb00hw01qk4	INT8	#	A number of establishment requests for terminating interactive calls.	Sum, nkrttbh, tot
rrc_conn_req_for_mtc_estab_of_stream_call	nok_nkrn_acsigrrccnstrq_tab.trxivghahl26seccb00hw01qk4	INT8	#	A number of establishment requests for terminating streaming calls.	Sum, nkrttbh, tot
rrc_conn_req_for_originating_high_priority_signalling	nok_nkrn_acsigrrccnstrq_tab.tscw2lxahl26seccb00hw01qk4	INT8	#	A number of establishment requests for originating call high priority signalling.	Sum, nkrttbh, tot
rrc_conn_req_for_originating_low_pr	nok_nkrn_acsigrrccnstrq_tab.tse45btahl26seccb00hw	INT8	#	A number of establishment	Sum, nkrttbh,

iority_signalling	01qk4			requests for originating call low priority signalling.	tot
rrc_conn_req_for_originating_subscribed_traffic_call	nok_nkrn_acsigrrccnstrq_tab.tsj3aoxahl26seccb00hw01qk4	INT8	#	A number of establishment requests for an originating subscribed traffic call.	Sum, nkrttbh, tot
rrc_conn_req_for_registration	nok_nkrn_acsigrrccnstrq_tab.tsamfjtahl26seccb00hw01qk4	INT8	#	A number of establishment requests for registration.	Sum, nkrttbh, tot
rrc_conn_req_for_terminating_cause_unknown	nok_nkrn_acsigrrccnstrq_tab.tshuunpahl26seccb00hw01qk4	INT8	#	A number of establishment requests for terminating call; the cause is unknown.	Sum, nkrttbh, tot
rrc_conn_req_for_terminating_high_priority_signalling	nok_nkrn_acsigrrccnstrq_tab.tsfe23tahl26seccb00hw01qk4	INT8	#	A number of establishment requests for terminating call high priority signalling.	Sum, nkrttbh, tot
rrc_conn_req_for_terminating_low_priority_signalling	nok_nkrn_acsigrrccnstrq_tab.tsgmudpahl26seccb00hw01qk4	INT8	#	A number of establishment requests for terminating call low priority signalling.	Sum, nkrttbh, tot
rrc_conn_setup_retrans_triggered_by_timer	nok_nkrn_acsigrrccnstrq_tab.xdi26j0afq2ahdvuj02uauibev	INTEGER	#	The number of RRC Connection Setup retransmissions if RRC Connection Setup Complete is not received in time defined in RRCconnRepTimer2.	Sum, nkrttbh, tot

This edition applies to IBM® Tivoli® Netcool® Performance Manager for Wireless and to all subsequent releases and modifications until otherwise indicated in new editions.

rrc_conn_setup_retrans_triggered_by_ue	nok_nkrn_acsigrrccnstrq_tab.xdi26ixafq2ahdvuj02uauibev	INTEGER	#	The number of UE Triggered RRC Connection Setup retransmissions. RRC Connection Setup is retransmitted immediately and timer RRCconnRepTimer2 restarted if repeated RRC Connection Request is received during the ongoing RRC connection setup procedure.	Sum, nkrttbh, tot
rrc_reestablish_fail_no_reply_nrt	nok_nkrn_acsigrrccnstrq_tab.uaqad2n1im2ahsxr0035xkcuai	INTEGER	#	The number of failed RRC connection re-establishments due to the UE not replying to an RRC: CELL UPDATE CONFIRM sent by RNC.	Sum, nkrttbh, tot
rrc_reestablish_fail_ue_nrt	nok_nkrn_acsigrrccnstrq_tab.uaqad2l1im2ahsxr0035xkcuai	INTEGER	#	The number of failed RRC connection re-establishments due to the UE replying with an RRC: RADIO BEARER RECONFIGURATION FAILURE.	Sum, nkrttbh, tot
rrc_reestablish_success_nrt	nok_nkrn_acsigrrccnstrq_tab.uaqad2j1im2ahsxr0035xkcuai	INTEGER	#	The number of successful RRC connection reestablishments. Note: an RRC re-establisment is not done for RT in Nokia implementation	Sum, nkrttbh, tot

6.34.52RNC.Nokia.UMTS.anchoring.signalling_rrc.connection_status

RNC anchoring:RRC Signalling - Connection status statistics

KPI Name	Expression	Data Type	Units	Description	Aggregation
rrc_conn_for_cell_pch_due_to_ue_is_lost	nok_nkrn_acsigrrccnstat_tab.tsrtw5pahl26seccb00hw01qk4	INT8	#	A number of RRC connection releases in CELL_PCH state due to a cause MS is lost. If the RNC cannot obtain any cell update message as a response to repeated paging to the MS. (Incorrectly named as RRC_CONN_FOR_CELL_PCH_DUE_TO_MS_IS_LOST in Nokia document)	Sum, nkrttbh, tot
rrc_conn_reject_due_to_rrc_connection_setup_redirection	nok_nkrn_acsigrrccnstat_tab.tt1esadahl26seccb00hw01qk4	INT8	#	- Obsolete in RN2.2 - Number of RRC Connection Reject messages sent to UE with RRC connection setup redirection information. In this case, the RRC connection request is rejected but the information of other cell carrier is given where UE should make a new	Sum, nkrttbh, tot
rrc_conn_reject_due_to_rrmu_overload	nok_nkrn_acsigrrccnstat_tab.tt05yopahl26seccb00hw01qk4	INT8	#	Number of RRC Connection Request rejects due to RRMU overload	Sum, nkrttbh, tot

				(RNTI cannot be allocated).	
rrc_conn_reject	nok_nkrn_acsigrrccnstat_tab.tsmowltahl26seccb00hw01qk4	INT8	#	A number of RRC connection request reject messages. When the RRC signalling entity acknowledges a rejection to the UE. The reason for the rejection can be, Internal reason BTS reason Transmission reason AC reason.	Sum, nkrttbh, tot
rrc_conn_rel_due_to_rnc_internal	nok_nkrn_acsigrrccnstat_tab.tswugfhahl26seccb00hw01qk4	INT8	#	The number of RRC connection releases due to RNC internal reason.	Sum, nkrttbh, tot
rrc_conn_rel_for_due_to_cell_or_ura_update_conf_fail	nok_nkrn_acsigrrccnstat_tab.tst362pahl26seccb00hw01qk4	INT8	#	A number of RRC connection releases due to a cell or URA update confirmation failure.	Sum, nkrttbh, tot
rrc_conn_rel_for_due_to_dir_sig_conn_re_est	nok_nkrn_acsigrrccnstat_tab.tsuh2nlahl26seccb00hw01qk4	INT8	#	A number of RRC connection releases due to the reason directed signalling connection re establishment	Sum, nkrttbh, tot
rrc_conn_rel	nok_nkrn_acsigrrccnstat_tab.tsqm2edahl26seccb00hw01qk4	INT8	#	A number of RRC connection releases.	Sum, nkrttbh, tot
rrc_conn_release_on_ccch	nok_nkrn_acsigrrccnstat_tab.tsvoa3xahl26seccb00hw01qk4	INT8	#	The number of RRC connection releases on common control channel.	Sum, nkrttbh, tot
rrc_conn_req_fail	nok_nkrn_acsigrrccnstat_tab.tslj5pdahl26seccb00hw01qk4	INT8	#	A number of RRC connection request failures. When the	Sum, nkrttbh, tot

				message is tried to be decoded and the data is corrupted, the message cannot be interpreted (Unable to solve ASN.1 coding or reason unknown).	
rrc_conn_setup_compl_received	nok_nkrn_acsigrrccnstat_tab.tsphgqlahl26seccb00hw01qk4	INT8	#	The number of RRC CONNECTION SETUP COMPLETE messages received.	Sum, nkrttbh, tot
rrc_conn_setup	nok_nkrn_acsigrrccnstat_tab.tsnvcr2ahl26seccb00hw01qk4	INT8	#	A number of RRC connection setups	Sum, nkrttbh, tot
rrc_rel_due_to_ms_is_lost_in_cell_fach	nok_nkrn_acsigrrccnstat_tab.tsy1ejdahl26seccb00hw01qk4	INT8	#	The number of RRC connection releases due to -MS is lost- in CELL_FACH state.	Sum, nkrttbh, tot
rrc_status_messages_due_to_invalid_configuration	nok_nkrn_acsigrrccnstat_tab.xdi26j6afq2ahdvuj02uauibev	INTEGER	#	The number of received RRC STATUS messages from the UE in case radio access bearers for the CN domain indicated by the IE "CN domain identity" exist in the variable ESTABLISHED_RABS while signaling connection release is requested by CN.	Sum, nkrttbh, tot
rrc_status_messages_due_to_invalid_p	nok_nkrn_acsigrrccnstat_tab.xdi26j4afq2ahdvuj02uaui	INTEGER	#	The number of received RRC	Sum, nkrttbh,

aging_type_2_message	bev			STATUS messages from the UE in case the UE receives a PAGING TYPE 2 message, which contains a protocol error causing the variable PROTOCOL_ERROR_REJ ECT to be set to TRUE.	tot
rrc_status_messages	nok_nkrn_acsigrrccnstat_tab.xdi26j2afq2ahdvuj02uauibev	INTEGER	#	The total number of received RRC STATUS messages with Protocol Error Information.	Sum, nkrttbh, tot
rrc_status_msg_due_to_asn1_violation_or_encoding_error	nok_nkrn_acsigrrccnstat_tab.xdi26jbafq2ahdvuj02uauibev	INTEGER	#	The number of received RRC STATUS messages from the UE in case the UE receives an RRC message on the DCCH for which the encoded message does not result in any valid abstract syntax value (or "encoding error").	Sum, nkrttbh, tot

6.34.53RNC.Nokia.UMTS.anchoring.signalling_rrc.measurement_report

RNC anchoring:RRC Signalling - Measurement report statistics

KPI Name	Expression	Data Type	Units	Description	Aggregation
cap_req_ul	nok_nkrn_acsigrrcmesrpt_tab.tt2jxy6ahl26seccb00hw01qk4	INT8	#	A number of capacity requests in UL	Sum, nkrttbh, tot
meas_report_messages_with_periodic_reporting_results	nok_nkrn_acsigrrcmesrpt_tab.tt3od6xahl26seccb00hw01qk4	INT8	#	The number of RRC:MEASUREMENT REPORT messages containing	Sum, nkrttbh, tot

				periodical reporting results.	

6.34.54RNC.Nokia.UMTS.anchoring.signalling_rrc.signalling_protocol_states

RNC anchoring:RRC Signalling - Protocol states statistics

KPI Name	Expression	Data Type	Units	Description	Aggregation
att_fach_to_hs_dsch	nok_nkrn_acsigrrcsprtst_tab.w2cvnn2dnq2aicsdb02uaxybdk	INTEGER	#	The number of attempted state transitions from FACH to HS-DSCH.	Sum, nkrttbh, tot
att_hs_dsch_to_fach	nok_nkrn_acsigrrcsprtst_tab.w2cvnn6dnq2aicsdb02uaxybdk	INTEGER	#	The number of attempted state transitions from HS-DSCH to DCH.	Sum, nkrttbh, tot
att_pch_dch_trans_umrlc	nok_nkrn_acsigrrcsprtst_tab.w2cvnpvdnq2aicsdb02uaxybdk	INTEGER	#	The number of attempted Cell/URA-PCH to DCH state transitions using UM-RLC. This counter is updated for the cell where RRC: CELL UPDATE was originally received, even if the UE would be redirected to another cell.	Sum, nkrttbh, tot
cell_dch_state_to_cell_fach	nok_nkrn_acsigrrcsprtst_tab.tt4u6m6ahl26seccb00hw01qk4	INT8	#	A number of state transitions from CELL_DCH state to CELL_FACH state	Sum, nkrttbh, tot
cell_dch_state_to_cell_pch	nok_nkrn_acsigrrcsprtst_tab.ttfx5lxahl26seccb00hw01qk4	INT8	#	The number of RRC state transitions from CELL_DCH state to CELL_PCH state.	Sum, nkrttbh, tot

cell_dch_to_cell_fach_state_transit_ps_interrupt_timer	nok_nkrn_acsigrrcsprtst_tab.ttibp3xahl26seccb00hw01qk4	INT8	#	cell_dch_to_cell_fach_state_transitions_due_ps_interrupt_timer: [cell_dch_to_cell_fach_state_transitions_due_to_ps_interruption_timer] - The number of state transitions from CELL DCH to CELL FACH due to PS interruption timer. If PS Interruption Timer expires and there is another capacity request for the CELL that is under the same BTS, the packet scheduler of the RNC releases the dedicated transport channel and the related radio links. The UE is moved to Cell_FACH state unless it has other user plane dedicated transport channels allocated.	Sum, nkrttbh, tot
cell_fach_state_to_cell_dch	nok_nkrn_acsigrrcsprtst_tab.tt61fqdahl26seccb00hw01qk4	INT8	#	A number of state transitions from CELL_FACH state to CELL_DCH state.	Sum, nkrttbh, tot
cell_fach_state_to_cell_pch_aft_cell_update	nok_nkrn_acsigrrcsprtst_tab.ttbgf66ahl26seccb00hw01qk4	INT8	#	A number of state transitions from CELL_FACH state to CELL_PCH state after Cell Update attempt.	Sum, nkrttbh, tot
cell_fach_state_to_cell_pch_due_to_inactivity	nok_nkrn_acsigrrcsprtst_tab.ttaab5lahl26seccb00hw01qk4	INT8	#	A number of state transitions from CELL_FACH state to CELL_PCH state after inactivity is detected.	Sum, nkrttbh, tot

cell_fach_state_to_hsdsch	nok_nkrn_acsigrrcsprtst_tab.uaqad341im2ahsxr0035xkcuai	INTEGER	#	The number of state transitions from CELL-FACH state to CELL-DCH state with HS-DSCH downlink transport channel.	Sum, nkrttbh, tot
cell_fach_state_to_ura_pch	nok_nkrn_acsigrrcsprtst_tab.ttclptxahl26seccb00hw01qk4	INT8	#	- Obsolete in RN2.2 - A number of state transitions from CELL_FACH state to URA_PCH state.	Sum, nkrttbh, tot
cell_upd_after_pag_cell_pch	nok_nkrn_acsigrrcsprtst_tab.w2cvnnhdnq2aicsdb02uaxybdk	INTEGER	#	The number of Cell updates counted as a paging response received from the UE after paging in Cell-PCH state. This counter is also used as a denominator when average paging delay is calculated from M1006C163.	Sum, nkrttbh, tot
cell_upd_after_pag_ura_pch	nok_nkrn_acsigrrcsprtst_tab.w2cvnnpdnq2aicsdb02uaxybdk	INTEGER	#	The number of Cell updates counted as a paging response received from the UE after paging in URA-PCH state. This counter is also used as a denominator when average paging delay is calculated using M1006C166.	Sum, nkrttbh, tot
cell_update_att_data_tr_tvm	nok_nkrn_acsigrrcsprtst_tab.w2cvnq2dnq2aicsdb02uaxybdk	INTEGER	#	The number of Cell Update messages received with cause "uplink data	Sum, nkrttbh, tot

This edition applies to IBM® Tivoli® Netcool® Performance Manager for Wireless and to all subsequent releases and modifications until otherwise indicated in new editions.

				transmission" and "traffic volume indicator" IE set as true. Also M1006C36 is updated along with this counter.	
dch_release_due_to_hsdpa_resumption_timer_rejected	nok_nkrn_acsigrrcsprtst_tab.uaqad2h1im2ahsxr0035xkcuai	INTEGER	#	The number of times when HSDPA resumption timer has expired but reconfiguration to DCH 0/0 is rejected. The reason for rejection can be one of the following: 1) The maximum number of HSDPA users is exceeded in the cell. 2) It is not possible to allocate HSDPA power to the cell. 3) There is another parallel layer-3 procedure ongoing. 4) HdschGuardTimerHO or HsdschGuardTimerLowThrou ghput timer is running.	Sum, nkrttbh, tot
dch_release_due_to_hsdpa_resumption_timer	nok_nkrn_acsigrrcsprtst_tab.uaqad2f1im2ahsxr0035xkcuai	INTEGER	#	The number of times when PS NRT DCH is reconfigured to DCH 0/0 due to HSDPA resumption timer expiration.	Sum, nkrttbh, tot
denom_pag_delay_resp_cel_pch	nok_nkrn_acsigrrcsprtst_tab.w2cvnnxdnq2aicsdb02uaxybdk	INTEGER	#	The number of paging delay values updated to counter M1006C164. Used as a denominator in average calculation.	Sum, nkrttbh, tot
denom_pag_dela	nok_nkrn_acsigrrcsprtst_ta	INTEG	#	The number of paging	Sum,

y_resp_ura_pch	b.w2cvno4dnq2aicsdb02uaxybdk	ER		delay values updated to counter M1006C167. Used as a denominator in average calculation.	nkrttbh, tot
denom_st_trans_time_dch_fach	nok_nkrn_acsigrrcsprtst_tab.w2cvnopdnq2aicsdb02uaxybdk	INTEGER	#	Denominator for M1006C176 used for average calculation.	Sum, nkrttbh, tot
denom_st_trans_time_fach_dch	nok_nkrn_acsigrrcsprtst_tab.w2cvnohdnq2aicsdb02uaxybdk	INTEGER	#	Denominator for M1006C172 used for average calculation.	Sum, nkrttbh, tot
denom_st_trans_time_pch_dch	nok_nkrn_acsigrrcsprtst_tab.w2cvnoldnq2aicsdb02uaxybdk	INTEGER	#	Denominator for M1006C174 used for average calculation.	Sum, nkrttbh, tot
denom_st_trans_time_pch_fach	nok_nkrn_acsigrrcsprtst_tab.w2cvnoddnq2aicsdb02uaxybdk	INTEGER	#	Denominator for M1006C170 used for average calculation.	Sum, nkrttbh, tot
denom_time_aal2_setup	nok_nkrn_acsigrrcsprtst_tab.w2cvnptdnq2aicsdb02uaxybdk	INTEGER	#	Denominator for M1006C194, used for average calculation.	Sum, nkrttbh, tot
fail_pag_no_resp_cell_pch	nok_nkrn_acsigrrcsprtst_tab.w2cvnnjdnq2aicsdb02uaxybdk	INTEGER	#	The number of unsuccessful paging occasions when the RNC judges the whole paging occasion unsuccessful due to no response from the UE.	Sum, nkrttbh, tot
fail_pag_no_resp_ura_pch	nok_nkrn_acsigrrcsprtst_tab.w2cvnnrdnq2aicsdb02uaxybdk	INTEGER	#	The number of unsuccessful paging occasion when the RNC judges the whole paging occasion unsuccessful due to no response from the UE.	Sum, nkrttbh, tot

This edition applies to IBM® Tivoli® Netcool® Performance Manager for Wireless and to all subsequent releases and modifications until otherwise indicated in new editions.

hsdsch_state_to_cell_fach_due_to_low_utilisation	nok_nkrn_acsigrrcsprtst_tab.tteudupahl26seccb00hw01qk4	INT8	#	The number of RRC state transitions from CELL DCH (HS-DSCH) state to CELL FACH state due to low utilisation.	Sum, nkrttbh, tot
hsdsch_state_to_cell_pch	nok_nkrn_acsigrrcsprtst_tab.tth1rsxahl26seccb00hw01qk4	INT8	#	The number of RRC state transitions from CELL_DCH (HS-DSCH) state to CELL_PCH state.	Sum, nkrttbh, tot
mea_cap_req_for_dl	nok_nkrn_acsigrrcsprtst_tab.ttdqo6lahl26seccb00hw01qk4	INT8	#	Measuring Capacity request for DL. When MAC c sends a capacity request to an RRC entity when activity in DL is detected.	Sum, nkrttbh, tot
num_of_ue_measured_in_cell_dch	nok_nkrn_acsigrrcsprtst_tab.ttn2ae2ahl26seccb00hw01qk4	INT8	#	The denominator for the counters M1006C87 and M1006C88. Needed for average and variance calculation.	Sum, nkrttbh, tot
num_of_ue_measured_in_cell_fach	nok_nkrn_acsigrrcsprtst_tab.ttqpeixahl26seccb00hw01qk4	INT8	#	The denominator for the counters M1006C90 and M1006C91. Needed for average and variance calculation.	Sum, nkrttbh, tot
num_of_ue_measured_in_cell_pch	nok_nkrn_acsigrrcsprtst_tab.ttuba12ahl26seccb00hw01qk4	INT8	#	The denominator for the counters M1006C93 and M1006C94. Needed for average and variance calculation.	Sum, nkrttbh, tot
pag_delay_cu_cell_pch	nok_nkrn_acsigrrcsprtst_tab.w2cvnntdnq2aicsdb02uaxybdk	INTEGER	10ms	The sum of Cell-PCH paging delays defined as the time between the first sent RRC: PAGING TYPE 1 message and the	Sum, nkrttbh, tot

				RRC: CELL UPDATE received from the UE. This counter, divided by M1006C157, provides the average paging delay.	
pag_delay_resp_cell_pch	nok_nkrn_acsigrrcsprtst_tab.w2cvnnvdnq2aicsdb02uaxybdk	INTEGER	10ms	The sum of Cell-PCH paging delays defined as the time between the first sent RRC: PAGING TYPE 1 message and the RRC: UTRAN MOBILITY INFORMATION CONFIRM or any other UL DCCH received from the UE after a successful connection establishment procedure.	Sum, nkrttbh, tot
paging_messages_cell_pch	nok_nkrn_acsigrrcsprtst_tab.w2cvnnfdnq2aicsdb02uaxybdk	INTEGER	#	The number of paging messages sent to UE in Cell-PCH state. This counter contains all sent pages, not only repeated ones, before the UE response is received or before paging is stopped due to no response from the UE.	Sum, nkrttbh, tot
paging_messages_ura_pch	nok_nkrn_acsigrrcsprtst_tab.w2cvnnndnq2aicsdb02uaxybdk	INTEGER	#	The number of paging messages sent to UE in URA-PCH state. This counter contains all sent pages, not	Sum, nkrttbh, tot

				only repeated ones, before the UE response is received or before paging is stopped due to no response from the UE.	
paging_occasion_cell_pch	nok_nkrn_acsigrrcsprtst_tab.w2cvnnddnq2aicsdb02uaxybdk	INTEGER	#	The number of occasions when paging is required for UE in Cell-PCH state, i.e. the RNC starts paging.	Sum, nkrttbh, tot
paging_occasion_ura_pch	nok_nkrn_acsigrrcsprtst_tab.w2cvnnldnq2aicsdb02uaxybdk	INTEGER	#	The number of occasions when paging is required for UE in URA-PCH state, i.e. the RNC starts paging.	Sum, nkrttbh, tot
prach_delay_range_value	nok_nkrn_acsigrrcsprtst_tab.w2cvno6dnq2aicsdb02uaxybdk	INTEGER	#	The value of WCEL parameter PRACHDelayRange when the last RRC Connection Request or Cell Update of the measurement interval was received.	Sum, avg, max, min, nkrttbh, tot
resel_pch_dch_trans	nok_nkrn_acsigrrcsprtst_tab.w2cvnq0dnq2aicsdb02uaxybdk	INTEGER	#	The number of cell reselections that occurred during the attempted Cell/URA-PCH to DCH state transitions using UM-RLC. This counter can be used in the Cell Update success rate calculation for excluding the reselections from the attempts. This counter is updated for the cell where RRC: CELL UPDATE was originally received,	Sum, nkrttbh, tot

				even if the UE would be redirected to another cell.	
squared_sum_of_ue_operating_time_in_cell_dch	nok_nkrn_acsigrrcsprtst_tab.ttlvdgxahl26seccb00hw01qk4	INT8	SecSqr	The sum of squared operating time values when the UE is in CELL_DCH state. Needed for variance calculation.	Sum, nkrttbh, tot
squared_sum_of_ue_operating_time_in_cell_fach	nok_nkrn_acsigrrcsprtst_tab.ttpiibdahl26seccb00hw01qk4	INT8	#	The sum of squared operating time values when the UE is in CELL_FACH state. Needed for variance calculation. The counter does not include those times that are used in CELL_FACH state when the UE is performing cell update or URA update procedure and after that is sent back to CELL_PCH or URA_PCH state, i.e. the UE is performing periodic cell update or URA update procedure or cell or URA reselection.	Sum, nkrttbh, tot
squared_sum_of_ue_operating_time_in_cell_pch	nok_nkrn_acsigrrcsprtst_tab.ttt4nsdahl26seccb00hw01qk4	INT8	10SecSqr	The sum of squared operating time values when the UE is in CELL_PCH state. Needed for variance calculation. Counting operating time in CELL_PCH is not	Sum, nkrttbh, tot

				interrupted if the UE performs cell update procedure due to periodic update or cell reselection.	
state_trans_cell_dch_to_cell_fach_due_to_low_utilisation	nok_nkrn_acsigrrcsprtst_tab.ttjhsm2ahl26seccb00hw01qk4	INT8	#	The number of RRC state transitions from CELL_DCH state to CELL_FACH state due to low DCH utilisation. If downlink or uplink throughput in the number of bytes goes below the threshold defined with the RNC configuration parameters DCHutilRelThrDL or DCHutilRelThrUL, the PS DCH release procedure starts. For more information on the parameters, see WCDMA RAS05 Parameter Dictionary.	Sum, nkrttbh, tot
succ_fach_to_hs_dsch	nok_nkrn_acsigrrcsprtst_tab.w2cvnn4dnq2aicsdb02uaxybdk	INTEGER	#	The number of successful state transitions from FACH to HS-DSCH.	Sum, nkrttbh, tot
succ_hs_dsch_to_fach	nok_nkrn_acsigrrcsprtst_tab.w2cvnnbdnq2aicsdb02uaxybdk	INTEGER	#	The number of successful state transitions from HS-DSCH to DCH.	Sum, nkrttbh, tot
succ_pch_dch_trans_umrlc	nok_nkrn_acsigrrcsprtst_tab.w2cvnpxdnq2aicsdb02uaxybdk	INTEGER	#	The number of successful Cell/URA-PCH to DCH state transition attempts using UM-RLC. This counter is updated for the cell where RRC: CELL UPDATE was originally received,	Sum, nkrttbh, tot

				even if the UE would be redirected to another cell.	
sum_of_ue_operating_time_in_cell_dch	nok_nkrn_acsigrrcsprtst_tab.ttko2p6ahl26seccb00hw01qk4	INT8	Sec	The sum of operating time when the UE is in CELL_DCH state. This counter, divided by the denominator M1006C89, gives the average operating time in CELL_DCH state.	Sum, nkrttbh, tot
sum_of_ue_operating_time_in_cell_fach	nok_nkrn_acsigrrcsprtst_tab.ttobn4xahl26seccb00hw01qk4	INT8	Sec	The sum of operating time when the UE is in CELL_FACH state. This counter, divided by the denominator M1006C92, gives the average operating time in CELL_FACH state. The counter does not include those times that are used in CELL_FACH state when the UE is performing cell update or URA update procedure and after that is sent back to CELL_PCH or URA_PCH state, i.e. the UE is performing the periodic cell update or URA update procedure or cell or URA reselection.	Sum, nkrttbh, tot
sum_of_ue_opera	nok_nkrn_acsigrrcsprtst_ta	INT8	10Sec	The sum of operating	Sum,

ting_time_in_cell_pch	b.ttrwyttahl26seccb00hw01qk4			time when the UE is in CELL_PCH state. This counter, divided by the denominator M1006C95, gives the average operating time in CELL_PCH state. Counting operating time in CELL_PCH is not interrupted if the UE performs cell update procedure due to periodic update or cell reselection. The unit of this counter is 10 seconds, meaning that value 1 means 10 seconds in CELL_PCH state. Times shorter than 10 seconds will be counted as 10 seconds.	nkrttbh, tot
sum_pag_delay_cu_ura_pch	nok_nkrn_acsigrrcsprtst_tab.w2cvno0dnq2aicsdb02uaxybdk	INTEGER	10ms	The sum of URA-PCH paging delays defined as the time between the first sent RRC: PAGING TYPE 1 message and the RRC: CELL UPDATE received from the UE. This counter, divided by M1006C161, provides the average paging delay.	Sum, nkrttbh, tot
sum_pag_delay_resp_ura_pch	nok_nkrn_acsigrrcsprtst_tab.w2cvno2dnq2aicsdb02uaxybdk	INTEGER	10ms	The sum of URA-PCH paging delays defined as the time between the first sent RRC: PAGING TYPE 1 message and the RRC: UTRAN MOBILITY	Sum, nkrttbh, tot

				INFORMATION CONFIRM or any other UL DCCH received from the UE after a successful connection establishment procedure.	
sum_st_trans_time_dch_fach	nok_nkrn_acsigrrcsprtst_tab.w2cvnondnq2aicsdb02uaxybdk	INTEGER	ms	Sum of state transition times from Cell-DCH state to Cell-FACH state, defined as the time between: When RNC decides to initiate Cell_DCH to Cell_FACH transition - RRC: Radio Bearer Reconfiguration Complete or Radio Bearer Release Complete. This counter, divided by the denominator, provides the average state transition time.	Sum, nkrttbh, tot
sum_st_trans_time_dch_pch	nok_nkrn_acsigrrcsprtst_tab.w2cvnordnq2aicsdb02uaxybdk	INTEGER	ms	Sum of state transition times from Cell-DCH state to Cell-PCH or URA-PCH state, defined as the time between: When RNC decides to initiate Cell_DCH to Cell_PCH transition - RRC: Radio Bearer Reconfiguration Complete or Radio Bearer Release Complete. This	Sum, nkrttbh, tot

				counter, divided by the denominator, provides the average state transition time.	
sum_st_trans_time_fach_dch	nok_nkrn_acsigrrcsprtst_tab.w2cvnofdnq2aicsdb02uaxybdk	INTEGER	ms	Sum of state transition times from Cell-FACH state to Cell-DCH state, defined as the time between: UL/DL capacity request, RAB Setup - RRC: Radio Bearer Reconfiguration Complete or RRC: Radio Bearer Setup Complete. This counter, divided by the denominator, provides the average state transition time.	Sum, nkrttbh, tot
sum_st_trans_time_pch_dch	nok_nkrn_acsigrrcsprtst_tab.w2cvnojdnq2aicsdb02uaxybdk	INTEGER	ms	Sum of state transition times from Cell-PCH or URA-PCH state to Cell-DCH state, defined as the time between: RRC: Cell Update (cause: UL Data Transmission or Paging response) - RRC: Radio Bearer Reconfiguration Complete. This counter, divided by the denominator, provides the average state transition time.	Sum, nkrttbh, tot
sum_st_trans_time_pch_fach	nok_nkrn_acsigrrcsprtst_tab.w2cvnobdnq2aicsdb02uaxybdk	INTEGER	ms	Sum of state transition times from Cell-PCH or URA-PCH state to Cell-FACH state, defined as the time between:	Sum, nkrttbh, tot

				RRC: Cell Update (cause: UL Data Transmission or Paging response) - RRC: Utran Mobility Information Confirm (or any other UL-DCCH message before UMIC).	
sum_time_aal2_setup	nok_nkrn_acsigrrcsprtst_tab.w2cvnprdnq2aicsdb02uaxybdk	INTEGER	ms	Sum of Iub AAL2 Setup time, defined as the difference between ALCAP: Establishment Request (ERQ) and ALCAP: Establishment Confirm (ECF). This counter, divided by the denominator, provides the average AAL2 setup time.	Sum, nkrttbh, tot

6.34.55RNC.Nokia.UMTS.cswitch.iurelreq

RNC level: Circuit switched based inter-system hard handover IU release statistics.

KPI Name	Expression	Data Type	Units	Description	Aggregation
inter_syst_hho_iu_rel_in_contr_by_msc_due_to_misc_cause	nok_rncswitch_iurelrq_tab.ugpuhg41im2ahsxr0035xkcuai	INTEGER	#	A number of IU release requests during incoming MSC controlled inter system HHOs due to a Miscellaneous cause.	Sum, nkrttbh, tot
inter_syst_hho_iu_rel_in_contr_by_m	nok_rncswitch_iurelrq_tab.ugpuhg01im2ahsxr0035xk	INTEGER	#	A number of IU release requests	Sum, nkrttbh,

sc_due_to_nas_cause	cuai			during incoming MSC controlled inter system HHOs due to a Non Access Stratum cause.	tot
inter_syst_hho_iu_rel_in_contr_by_msc_due_to_non_stan_cause	nok_rncswitch_iurelrq_tab.ugpuhg61im2ahsxr0035xkcuai	INTEGER	#	A number of IU release requests during incoming MSC controlled inter system HHOs due to a Non Standard cause.	Sum, nkrttbh, tot
inter_syst_hho_iu_rel_in_contr_by_msc_due_to_prot_cause	nok_rncswitch_iurelrq_tab.ugpuhg21im2ahsxr0035xkcuai	INTEGER	#	A number of IU release requests during incoming MSC controlled inter system HHOs due to a Protocol cause.	Sum, nkrttbh, tot
inter_syst_hho_iu_rel_in_contr_by_msc_due_to_rn_layer_cause	nok_rncswitch_iurelrq_tab.ugpuhfv1im2ahsxr0035xkcuai	INTEGER	#	A number of IU release requests during incoming MSC controlled inter system HHOs due to a Radio Network Layer cause.	Sum, nkrttbh, tot
inter_syst_hho_iu_rel_in_contr_by_msc_due_to_tr_cause	nok_rncswitch_iurelrq_tab.ugpuhfx1im2ahsxr0035xkcuai	INTEGER	#	A number of IU release requests during incoming MSC controlled inter system HHOs due to a Transport Layer cause.	Sum, nkrttbh, tot
inter_syst_hho_iu_rel_out_contr_by_msc_due_to_misc_cause	nok_rncswitch_iurelrq_tab.ugpuhfr1im2ahsxr0035xkcuai	INTEGER	#	A number of IU release requests during outgoing MSC controlled inter system HHOs due to a Miscellaneous cause.	Sum, nkrttbh, tot

inter_syst_hho_iu_rel_out_contr_by_msc_due_to_nas_cause	nok_rncswitch_iurelrq_tab.ugpuhfn1im2ahsxr0035xkcuai	INTEGER	#	A number of IU release requests during outgoing MSC controlled inter system HHOs due to a Non Access Stratum cause.	Sum, nkrttbh, tot
inter_syst_hho_iu_rel_out_contr_by_msc_due_to_non_stan_cause	nok_rncswitch_iurelrq_tab.ugpuhft1im2ahsxr0035xkcuai	INTEGER	#	A number of IU release requests during outgoing MSC controlled inter system HHOs due to a Non Standard cause.	Sum, nkrttbh, tot
inter_syst_hho_iu_rel_out_contr_by_msc_due_to_prot_cause	nok_rncswitch_iurelrq_tab.ugpuhfp1im2ahsxr0035xkcuai	INTEGER	#	A number of IU release requests during outgoing MSC controlled inter system HHOs due to a Protocol cause.	Sum, nkrttbh, tot
inter_syst_hho_iu_rel_out_contr_by_msc_due_to_rn_layer_cause	nok_rncswitch_iurelrq_tab.ugpuhfj1im2ahsxr0035xkcuai	INTEGER	#	A number of IU release requests during outgoing MSC controlled inter system HHOs due to a Radio Network Layer cause.	Sum, nkrttbh, tot
inter_syst_hho_iu_rel_out_contr_by_msc_due_to_tr_cause	nok_rncswitch_iurelrq_tab.ugpuhfl1im2ahsxr0035xkcuai	INTEGER	#	A number of IU release requests during outgoing MSC controlled inter system HHOs due to a Transport Layer cause.	Sum, nkrttbh, tot

6.34.56RNC.Nokia.UMTS.cswitch.relocation.source

RNC level: Circuit switched based inter-system hard handover relocation at Source RNC statistics

KPI Name	Expression	Data Type	Units	Description	Aggregation
inter_syst_hho_out_cancel_contr_by_msc_due_to_misc_cause	nok_nkrn_cwrelsrc_tab.ugpuhh41im2ahsxr0035xkcuai	INTEGER	#	A number of outgoing MSC controlled inter system HHOs cancelled due to a Miscellaneous cause.	Sum, nkrttbh, tot
inter_syst_hho_out_cancel_contr_by_msc_due_to_nas_cause	nok_nkrn_cwrelsrc_tab.ugpuhh01im2ahsxr0035xkcuai	INTEGER	#	A number of outgoing MSC controlled inter system HHOs cancelled due to a Non Access Stratum cause.	Sum, nkrttbh, tot
inter_syst_hho_out_cancel_contr_by_msc_due_to_non_stan_cause	nok_nkrn_cwrelsrc_tab.ugpuhh61im2ahsxr0035xkcuai	INTEGER	#	A number of outgoing MSC controlled inter system HHOs cancelled due to a Non Standard cause.	Sum, nkrttbh, tot
inter_syst_hho_out_cancel_contr_by_msc_due_to_prot_cause	nok_nkrn_cwrelsrc_tab.ugpuhh21im2ahsxr0035xkcuai	INTEGER	#	A number of outgoing MSC controlled inter system HHOs cancelled due to a Protocol cause.	Sum, nkrttbh, tot
inter_syst_hho_out_cancel_contr_by_msc_due_to_reloc_ove_tim_exp	nok_nkrn_cwrelsrc_tab.ugpuhgt1im2ahsxr0035xkcuai	INTEGER	#	A number of outgoing MSC controlled inter system HHOs cancelled due to the expiry of the relocation overall timer.	Sum, nkrttbh, tot
inter_syst_hho_out_cancel_contr_by_	nok_nkrn_cwrelsrc_tab.ugpuhgv1im2ahsxr0035xkcua	INTEGER	#	A number of outgoing MSC	Sum, nkrttbh,

msc_due_to_reloc_prep_tim_exp	i			controlled inter system HHOs cancelled due to the expiry of the relocation preparation timer.	tot
inter_syst_hho_out_cancel_contr_by_msc_due_to_rn_layer_cause	nok_nkrn_cwrelsrc_tab.ugpuhgr1im2ahsxr0035xkcuai	INTEGER	#	A number of outgoing MSC controlled inter system HHOs cancelled due to a Radio Network Layer cause.	Sum, nkrttbh, tot
inter_syst_hho_out_cancel_contr_by_msc_due_to_tr_cause	nok_nkrn_cwrelsrc_tab.ugpuhgx1im2ahsxr0035xkcuai	INTEGER	#	A number of outgoing MSC controlled inter system HHOs cancelled due to a Transport Layer cause.	Sum, nkrttbh, tot
inter_syst_hho_out_prep_req_contr_by_msc	nok_nkrn_cwrelsrc_tab.ugpuhgb1im2ahsxr0035xkcuai	INTEGER	#	Number of outgoing MSC controlled inter system HHO preparation requests.	Sum, nkrttbh, tot
inter_syst_hho_out_prep_succ_contr_by_msc	nok_nkrn_cwrelsrc_tab.ugpuhgd1im2ahsxr0035xkcuai	INTEGER	#	Number of successful outgoing MSC controlled inter system HHO preparations.	Sum, nkrttbh, tot
inter_syst_hho_out_prep_unsucc_contr_by_msc_due_to_nas_cause	nok_nkrn_cwrelsrc_tab.ugpuhgj1im2ahsxr0035xkcuai	INTEGER	#	A number of outgoing MSC controlled inter system HHO relocation preparation failures due to a Non Access Stratum	Sum, nkrttbh, tot

This edition applies to IBM® Tivoli® Netcool® Performance Manager for Wireless and to all subsequent releases and modifications until otherwise indicated in new editions.

				cause.	
inter_syst_hho_out_prep_unsucc_contr_by_msc_due_to_rn_layer_cause	nok_nkrn_cwrelsrc_tab.ugpuhgf1im2ahsxr0035xkcuai	INTEGER	#	A number of outgoing MSC controlled inter system HHO relocation preparation failures due to a Radio Network Layer cause.	Sum, nkrttbh, tot
inter_syst_hho_prep_unsucc_contr_by_msc_due_to_misc_cause	nok_nkrn_cwrelsrc_tab.ugpuhgn1im2ahsxr0035xkcuai	INTEGER	#	A number of outgoing MSC controlled inter system HHO relocation preparation failures due to a Miscellaneous cause.	Sum, nkrttbh, tot
inter_syst_hho_prep_unsucc_contr_by_msc_due_to_non_stan_cause	nok_nkrn_cwrelsrc_tab.ugpuhgp1im2ahsxr0035xkcuai	INTEGER	#	A number of outgoing MSC controlled inter system HHO relocation preparation failures due to a Non Standard cause.	Sum, nkrttbh, tot
inter_syst_hho_prep_unsucc_contr_by_msc_due_to_prot_cause	nok_nkrn_cwrelsrc_tab.ugpuhgl1im2ahsxr0035xkcuai	INTEGER	#	A number of outgoing MSC controlled inter system HHO relocation preparation failures due to a Protocol cause.	Sum, nkrttbh, tot
inter_syst_hho_prep_unsucc_contr_by_msc_due_to_tr_cause	nok_nkrn_cwrelsrc_tab.ugpuhgh1im2ahsxr0035xkcuai	INTEGER	#	A number of outgoing MSC controlled inter system HHO relocation preparation failures due to a Transport Layer cause.	Sum, nkrttbh, tot

6.34.57RNC.Nokia.UMTS.cswitch.relocation.target

RNC level: Circuit switched based inter-system hard handover relocation at Target RNC statistics

KPI Name	Expression	Data Type	Units	Description	Aggregation
inter_syst_compl_in_target_rnc_contr_by_msc	nok_nkrn_cwreltgt_tab.ugpuhhr1im2ahsxr0035xkcuai	INTEGER	#	A number of outgoing Relocation Complete messages during incoming MSC controlled inter system HHO	Sum, nkrttbh, tot
inter_syst_hho_in_prep_req_contr_by_msc	nok_nkrn_cwreltgt_tab.ugpuhhb1im2ahsxr0035xkcuai	INTEGER	#	Number of incoming MSC controlled inter system HHO preparation requests.	Sum, nkrttbh, tot
inter_syst_hho_in_prep_succ_contr_by_msc	nok_nkrn_cwreltgt_tab.ugpuhhd1im2ahsxr0035xkcuai	INTEGER	#	Number of successful incoming MSC controlled inter system HHO preparations.	Sum, nkrttbh, tot
inter_syst_hho_in_prep_unsucc_contr_by_msc_due_to_misc_cause	nok_nkrn_cwreltgt_tab.ugpuhhn1im2ahsxr0035xkcuai	INTEGER	#	A number of incoming MSC controlled inter system HHO relocation preparation failures due to a Miscellaneous cause.	Sum, nkrttbh, tot
inter_syst_hho_in_prep_unsucc_contr_by_msc_due_to_nas_cause	nok_nkrn_cwreltgt_tab.ugpuhhj1im2ahsxr0035xkcuai	INTEGER	#	A number of incoming MSC controlled inter system HHO relocation	Sum, nkrttbh, tot

				preparation failures due to a Non Access Stratum cause.	
inter_syst_hho_in_prep_unsucc_contr_by_msc_due_to_non_stan_cause	nok_nkrn_cwreltgt_tab.ugpuhhp1im2ahsxr0035xkcuai	INTEGER	#	A number of incoming MSC controlled inter system HHO relocation preparation failures due to a Non Standard cause.	Sum, nkrttbh, tot
inter_syst_hho_in_prep_unsucc_contr_by_msc_due_to_prot_cause	nok_nkrn_cwreltgt_tab.ugpuhhl1im2ahsxr0035xkcuai	INTEGER	#	A number of incoming MSC controlled inter system HHO relocation preparation failures due to a Protocol cause.	Sum, nkrttbh, tot
inter_syst_hho_in_prep_unsucc_contr_by_msc_due_to_rn_layer_cause	nok_nkrn_cwreltgt_tab.ugpuhhf1im2ahsxr0035xkcuai	INTEGER	#	A number of incoming MSC controlled inter system HHO relocation preparation failures due to a Radio Network Layer cause.	Sum, nkrttbh, tot
inter_syst_hho_in_prep_unsucc_contr_by_msc_due_to_tr_cause	nok_nkrn_cwreltgt_tab.ugpuhhh1im2ahsxr0035xkcuai	INTEGER	#	A number of incoming MSC controlled inter system HHO relocation preparation failures due to a Transport Layer cause.	Sum, nkrttbh, tot

6.34.58RNC.Nokia.UMTS.dsp_performance

Signal Processing Resource Manager (SPRM) statistics

KPI Name	Expression	Data	Units	Description	Aggregati

		Type			on
amr_allowed_capacity	nok_nkrnc_dspperf_tab.tva5itdahl26seccb00hw01qk4	FLOAT	%	-Obsolete in RN2.1- This value is the average of allocated capacity of each DSP having AMR transcoder service configured.	Average, avg, max, min, nkrttbh, tot
amr_current_calls	nok_nkrnc_dspperf_tab.tvbgapdahl26seccb00hw01qk4	INT8	#	-Obsolete in RN2.1- The amount of current calls using AMR transcoder service in all DSPs.	Average, avg, max, min, nkrttbh, tot
amr_failed_calls	nok_nkrnc_dspperf_tab.tvf533hahl26seccb00hw01qk4	INT8	#	-Obsolete in RN2.1- The amount of failed calls using AMR transcoder service in all DSPs.	Sum, nkrttbh, tot
amr_peak_calls	nok_nkrnc_dspperf_tab.tvcoexlahl26seccb00hw01qk4	INTEGER	#	-Obsolete in RN2.1- The peak value of calls using AMR transcoder service in all DSPs.	Constant, avg, max, min, nkrttbh, tot
amr_total_calls	nok_nkrnc_dspperf_tab.tvdw1uhahl26seccb00hw01qk4	INT8	#	-Obsolete in RN2.1- The total amount of calls using AMR transcoder service in all DSPs.	Sum, nkrttbh, tot
cc_allocated_capacity	nok_nkrnc_dspperf_tab.ttvh4alahl26seccb00hw01qk4	FLOAT	%	The average allocated capacity of common channel service The average allocated capacity value is the arithmetical	Average, avg, max, min, nkrttbh, tot

This edition applies to IBM® Tivoli® Netcool® Performance Manager for Wireless and to all subsequent releases and modifications until otherwise indicated in new editions.

				average of samples.The samples are taken by 10 second interval. The percentage consumption is read from all the DSPs that has configured to serve common channel service. All the percentage consumptions of common channel service are summed when the sample is taken. The average value is counted at the end of measurement period.	
cc_current_calls	nok_nkrnc_dspperf_tab.ttwmimhahl26seccb00hw01qk4	INTEGER	#	Current number of common channel service requests. This is an instantaneous value taken from the end of the measurement period.	Constant, avg, max, min, nkrttbh, tot
cc_failed_calls	nok_nkrnc_dspperf_tab.tu11ijdahl26seccb00hw01qk4	INT8	#	The number of failed common channel service requests.	Sum, nkrttbh, tot
cc_peak_calls	nok_nkrnc_dspperf_tab.ttxryulahl26seccb00hw01qk4	INT8	#	The peak number of common channel service requests. The value is the highest value of used services recorded during a measurement period	Constant, avg, max, min, nkrttbh, tot
cc_total_calls	nok_nkrnc_dspperf_tab.tty	INT8	#	The total amount of	Sum,

	xfepahl26seccb00hw01qk4			successful common channel service requests.	nkrttbh, tot
crct_allowed_capacity	nok_nkrnc_dspperf_tab.tv1bp0tahl26seccb00hw01qk4	FLOAT	%	-Obsolete in RN2.1- This value is the average of allocated capacity of each DSP having circuit switched data service configured.	Average, nkrttbh, tot, min, max
crct_current_calls	nok_nkrnc_dspperf_tab.tv2g0wxahl26seccb00hw01qk4	INT8	#	-Obsolete in RN2.1- The amount of current calls using circuit switched data service in all DSPs.	Sum, nkrttbh, tot
crct_failed_calls	nok_nkrnc_dspperf_tab.tv5xf5tahl26seccb00hw01qk4	INT8	#	-Obsolete in RN2.1- The amount of failed calls using circuit switched data service in all DSPs.	Sum, nkrttbh, tot
crct_peak_calls	nok_nkrnc_dspperf_tab.tv3jwklahl26seccb00hw01qk4	INTEGER	#	-Obsolete in RN2.1- The peak value of calls using circuit switched data service in all DSPs.	Constant, nkrttbh, tot, min, max
crct_total_calls	nok_nkrnc_dspperf_tab.tv4o5v6ahl26seccb00hw01qk4	INT8	#	-Obsolete in RN2.1- The total amount of calls using circuit switched data service in all DSPs.	Sum, nkrttbh, tot
drnc_allocated_capacity	nok_nkrnc_dspperf_tab.tuu2j1pahl26seccb00hw01qk4	FLOAT	%	- Obsolete in RN2.2 - The average	Average, avg, max,

This edition applies to IBM® Tivoli® Netcool® Performance Manager for Wireless and to all subsequent releases and modifications until otherwise indicated in new editions.

				allocated capacity of drifting RNC service The average allocated capacity value is the arithmetical average of samples.The samples are taken by 10 second interval. The percentage consumption is read from all the DSPs that	min, nkrttbh, tot
drnc_current_calls	nok_nkrnc_dspperf_tab.tuvd0mdahl26seccb00hw01qk4	INT8	#	- Obsolete in RN2.2 - The current number of drifting RNC service requests. This is an instantaneous value taken from the end of the measurement period.	Average, avg, max, min, nkrttbh, tot
drnc_failed_calls	nok_nkrnc_dspperf_tab.tv015vxahl26seccb00hw01qk4	INT8	#	- Obsolete in RN2.2 - The number of failed drifting RNC service requests.	Sum, nkrttbh, tot
drnc_peak_calls	nok_nkrnc_dspperf_tab.tuwley2ahl26seccb00hw01qk4	INTEGER	#	- Obsolete in RN2.2 - The peak number of drifting RNC service requests. The value is the highest value of used services recorded during a measurement period.	Constant, avg, max, min, nkrttbh, tot
drnc_total_calls	nok_nkrnc_dspperf_tab.tuxsl4tahl26seccb00hw01qk4	INT8	#	- Obsolete in RN2.2 - The total amount of successful using drifting RNC service requests.	Sum, nkrttbh, tot

hsdpa_common_alloc_capacity	nok_nkrnc_dspperf_tab.tvmld4lahl26seccb00hw01qk4	FLOAT	%	The average allocated capacity of HSDPA common channel services. The allocated capacity is the reserved services percentage of the configured HSDPA common channel services. The percentage of consumption is read from all the DSPs that have been configured to serve DSP services used for HSDPA common channel services. The average allocated capacity value is the arithmetic average of samples taken at 10 second intervals. The percentage is 100 if all the services configured for HSDPA common channel services are reserved for the entire measurement period.	Average, avg, max, min, nkrttbh, tot
hsdpa_common_current_calls	nok_nkrnc_dspperf_tab.tvnpwodahl26seccb00hw01qk4	INT8	#	The current number of the used HSDPA common channel services. This is an instantaneous value taken at the end of	Constant, avg, max, min, nkrttbh, tot

				the measurement period.	
hsdpa_common_failed_calls	nok_nkrnc_dspperf_tab.tvrcg0tahl26seccb00hw01qk4	INT8	#	The number of failed HSDPA common channel service requests.	Sum, nkrttbh, tot
hsdpa_common_peak_calls	nok_nkrnc_dspperf_tab.tvowkcxahl26seccb00hw01qk4	INT8	#	The peak number of HSDPA common channel service requests. The value is the highest value of the used services recorded during the measurement period.	Constant, avg, max, min, nkrttbh, tot
hsdpa_common_total_calls	nok_nkrnc_dspperf_tab.tvq1jadahl26seccb00hw01qk4	INT8	#	The total number of successful HSDPA common channel service requests.	Sum, nkrttbh, tot
hsdpa_nrtd_alloc_capacity	nok_nkrnc_dspperf_tab.tvyvkfpahl26seccb00hw01qk4	FLOAT	%	The average allocated capacity of HSDPA non-real-time data services. The allocated capacity is the reserved services percentage of configured HSDPA non-real-time data services. The percentage consumption is read from all the DSPs that have been configured to serve DSP services used for HSDPA non-real-time data services. The average allocated capacity value is the arithmetic average of samples	Average, avg, max, min, nkrttbh, tot

				taken at 10 second intervals. The percentage is 100 if all the services configured for HSDPA non-real-time data services are reserved for the entire measurement period.	
hsdpa_nrtd_current_calls	nok_nkrnc_dspperf_tab.tw12k6xahl26seccb00hw01qk4	INT8	#	The current number of the used HSDPA non-real-time data services. This is an instantaneous value taken at the end of the measurement period.	Constant, avg, max, min, nkrttbh, tot
hsdpa_nrtd_failed_calls	nok_nkrnc_dspperf_tab.tw4jsp6ahl26seccb00hw01qk4	INT8	#	The number of failed HSDPA non-real-time data service requests.	Sum, nkrttbh, tot
hsdpa_nrtd_peak_calls	nok_nkrnc_dspperf_tab.tw2a44dahl26seccb00hw01qk4	INT8	#	The peak number of HSDPA non-real-time data service requests. The value is the highest number of the used services recorded during the measurement period.	Constant, avg, max, min, nkrttbh, tot
hsdpa_nrtd_total_calls	nok_nkrnc_dspperf_tab.tw3f6ctahl26seccb00hw01qk4	INT8	#	The total number of successful HSDPA non-real-time data service requests.	Sum, nkrttbh, tot
hsdpa_sl_allocated_capacity	nok_nkrnc_dspperf_tab.tvskdg2ahl26seccb00hw01qk4	FLOAT	%	- Obsolete in RN2.2 - The average	Average, avg, max,

				allocated capacity of dedicated HSDPA control channel services. The allocated capacity is the reserved services percentage of the configured dedicated HSDPA control channel services. The percentage of consumption is read	min, nkrttbh, tot
hsdpa_sl_current_calls	nok_nkrnc_dspperf_tab.tvtryoxahl26seccb00hw01qk4	INT8	#	- Obsolete in RN2.2 - The current number of the used dedicated HSDPA control channel services. This is an instantaneous value taken at the end of the measurement period.	Constant, avg, max, min, nkrttbh, tot
hsdpa_sl_failed_calls	nok_nkrnc_dspperf_tab.tvxmuvlahl26seccb00hw01qk4	INT8	#	- Obsolete in RN2.2 - The number of failed dedicated HSDPA control channel service requests	Sum, nkrttbh, tot
hsdpa_sl_peak_calls	nok_nkrnc_dspperf_tab.tvuxm56ahl26seccb00hw01qk4	INT8	#	- Obsolete in RN2.2 - The peak number of dedicated HSDPA control channel service requests. The value is the highest number of the used services recorded during the measurement period.	Constant, avg, max, min, nkrttbh, tot
hsdpa_sl_total_call	nok_nkrnc_dspperf_tab.tv	INT8	#	- Obsolete in RN2.2	Sum,

s	w4g2pahl26seccb00hw01qk4			- The total number of successful dedicated HSDPA control channel service requests.	nkrttbh, tot
nrtd_allocated_capacity	nok_nkrnc_dspperf_tab.tunwjqhahl26seccb00hw01qk4	FLOAT	%	The average allocated capacity of non real time data service The average allocated capacity value is the arithmetical average of samples.The samples are taken by 10 second interval. The percentage consumption is read from all the DSPs that has configured to serve non real time data service. All the percentage consumptions of non real time data service are summed when the sample is taken. The average value is counted at the end of measurement period.	Average, avg, max, min, nkrttbh, tot
nrtd_current_calls	nok_nkrnc_dspperf_tab.tup4y6tahl26seccb00hw01qk4	INT8	#	The current number of non real time data service requests. This is an instantaneous value taken from the end of the measurement	Constant, avg, max, min, nkrttbh, tot

				period.	
nrtd_failed_calls	nok_nkrnc_dspperf_tab.tusu62pahl26seccb00hw01qk4	INT8	#	The number of failed non real time data service requests.	Sum, nkrttbh, tot
nrtd_peak_calls	nok_nkrnc_dspperf_tab.tuqfg42ahl26seccb00hw01qk4	INTEGER	#	The peak number of non real time data service requests. The value is the highest value of used services recorded during a measurement period.	Constant, avg, max, min, nkrttbh, tot
nrtd_total_calls	nok_nkrnc_dspperf_tab.turmxrpahl26seccb00hw01qk4	INT8	#	The total amount of successful non real time data service quests.	Sum, nkrttbh, tot
rt_ps_allocated_capacity	nok_nkrnc_dspperf_tab.tvgfv1tahl26seccb00hw01qk4	FLOAT	%	The average allocated capacity of real-time streaming services. The allocated capacity is the percentage of the reserved DSP resources which are configured for real-time streaming services. The percentage of consumption is read from all the DSPs that have been configured to serve DSP services used for real-time streaming services. The average allocated capacity value is the arithmetic average of samples taken at	Average, avg, max, min, nkrttbh, tot

				10 second intervals. The percentage is 100 if all the services configured for real-time streaming services are reserved for the entire measurement period.	
rt_ps_current_calls	nok_nkrnc_dspperf_tab.tvhnbuhahl26seccb00hw01qk4	INT8	#	The current number of used real-time streaming services. This is an instantaneous value taken at the end of the measurement period.	Constant, avg, max, min, nkrttbh, tot
rt_ps_failed_calls	nok_nkrnc_dspperf_tab.tvlf5ndahl26seccb00hw01qk4	INT8	#	The number of failed real-time streaming service requests.	Sum, nkrttbh, tot
rt_ps_peak_calls	nok_nkrnc_dspperf_tab.tvivtjhahl26seccb00hw01qk4	INT8	#	The peak number of real-time streaming service requests. The value is the highest number of the used services recorded during the measurement period.	Constant, avg, max, min, nkrttbh, tot
rt_ps_total_calls	nok_nkrnc_dspperf_tab.tvk4hr6ahl26seccb00hw01qk4	INT8	#	The total number of successful real-time streaming service requests.	Sum, nkrttbh, tot
rtd_allocated_capacity	nok_nkrnc_dspperf_tab.tubajb2ahl26seccb00hw01qk4	FLOAT	%	The average allocated capacity of real time data service. The	Average, avg, max, min, nkrttbh,

				average allocated capacity value is the arithmetical average of samples.The samples are taken by 10 second interval. The percentage consumption is read from all the DSPs that has configured to serve real time data service. All the percentage consumptions of real time data service are summed when the sample is taken. The average value is counted at the end of measurement period.	tot
rtd_current_calls	nok_nkrnc_dspperf_tab.tuckay6ahl26seccb00hw01qk4	INT8	#	The current number of real time data service requests. This is an instantaneous value taken from the end of the measurement period.	Constant, avg, max, min, nkrttbh, tot
rtd_failed_calls	nok_nkrnc_dspperf_tab.tuglkthahl26seccb00hw01qk4	INT8	#	The number of failed real time data service requests.	Sum, nkrttbh, tot
rtd_peak_calls	nok_nkrnc_dspperf_tab.tudwuntahl26seccb00hw01qk4	INTEGER	#	The peak number of real time data service requests. The value is the highest value of used services recorded during a measurement period.	Constant, avg, max, min, nkrttbh, tot

rtd_total_calls	nok_nkrnc_dspperf_tab.tufcibtahl26seccb00hw01qk4	INT8	#	The total amount of successful real time data service requests.	Sum, nkrttbh, tot
rts_allocated_capacity	nok_nkrnc_dspperf_tab.tuhpw2tahl26seccb00hw01qk4	FLOAT	%	The average allocated capacity of real time data speech service The average allocated capacity value is the arithmetical average of samples.The samples are taken by 10 second interval. The percentage consumption is read from all the DSPs that has configured to serve real time data speech service. All the percentage consumptions of real time data speech service are summed when the sample is taken. The average value counted at the end of measurement period.	Average, avg, max, min, nkrttbh, tot
rts_current_calls	nok_nkrnc_dspperf_tab.tuix5x6ahl26seccb00hw01qk4	FLOAT	#	The current number of real time data speech service requests. This is an instantaneous value taken from the end of the measurement period.	Constant, avg, max, min, nkrttbh, tot

This edition applies to IBM® Tivoli® Netcool® Performance Manager for Wireless and to all subsequent releases and modifications until otherwise indicated in new editions.

rts_failed_calls	nok_nkrnc_dspperf_tab.tuml4yxahl26seccb00hw01qk4	INT8	#	The number of failed real time data speech service requests.	Sum, nkrttbh, tot
rts_peak_calls	nok_nkrnc_dspperf_tab.tuk1qe2ahl26seccb00hw01qk4	INTEGER	#	The peak number of real time data speech service requests. The value is the highest value of used services recorded during a measurement period.	Constant, avg, max, min, nkrttbh, tot
rts_total_calls	nok_nkrnc_dspperf_tab.tuldwjdahl26seccb00hw01qk4	INT8	#	The total amount of successful real time data speech service requests.	Sum, nkrttbh, tot
sc_allocated_capacity	nok_nkrnc_dspperf_tab.tu2b4tpahl26seccb00hw01qk4	FLOAT	%	The average allocated capacity of dedicated control channel service. The average allocated capacity value is the arithmetical average of samples.The samples are taken by 10 second interval. The percentage consumption is read from all the DSPs that has configured to serve dedicated control channel service. All the percentage consumptions of dedicated control channel service are summed when the sample is taken. The average value	Average, avg, max, min, nkrttbh, tot

				is counted at the end of measurement period.	
sc_current_calls	nok_nkrnc_dspperf_tab.tu3fufdahl26seccb00hw01qk4	FLOAT	#	Current number of dedicated control channel service requests.This is an instantaneous value taken from the end of the measurement period	Constant, avg, max, min, nkrttbh, tot
sc_failed_calls	nok_nkrnc_dspperf_tab.tua2aktahl26seccb00hw01qk4	INT8	#	The amount of failed calls using dedicated control channel service in all DSPs. When a call using dedicated control channel service fails. This happens when, there are no DSP resources available in the NE while creating the service, there are no DSP resources available in the NE while modifying the service, the call is released due to an error in the DSP, the Resource Manager receives erroneous parameters while creating or modifying the service.	Sum, nkrttbh, tot
sc_peak_calls	nok_nkrnc_dspperf_tab.tu4	INTEG	#	The peak number of	Constant,

	o42hahl26seccb00hw01qk4	ER		dedicated control channel service requests. The value is the highest value of used services recorded during a measurement period.	avg, max, min, nkrttbh, tot
sc_total_calls	nok_nkrnc_dspperf_tab.tu5skmdahl26seccb00hw01qk4	INT8	#	The total amount of successful dedicated control channel service requests.	Sum, nkrttbh, tot

6.34.59RNC.Nokia.UMTS.dsp_service

DSP service statistics

The performance data measurements for this KPI group are recorded against the combination of RNC and DSP_Service_Type (DSP_Service_Type_Id)

KPI Name	Expression	Data Type	Units	Description	Aggregation
dsp_service_curr_res_alloc	nok_nkrnc_dspserv_tab.xw0rpqrdmm2aicsd002uaxybdk	INTEGER	#	The current number of resources allocated for a specific DSP service type.	Constant, avg, max, min, nkrttbh, tot
dsp_service_fail_res_alloc	nok_nkrnc_dspserv_tab.xw0rpqxdmm2aicsd002uaxybdk	INTEGER	#	The number of DSP resource allocation failures.	Sum, avg, nkrttbh, tot
dsp_service_fail_res_modify	nok_nkrnc_dspserv_tab.xw0rpr0dmm2aicsd002uaxybdk	INTEGER	#	The number of DSP resource modification failures.	Sum, nkrttbh, tot
dsp_service_peak_res_alloc	nok_nkrnc_dspserv_tab.xw0rpqtdmm2aicsd002uaxybdk	INTEGER	#	The peak number of resources allocated for a specific DSP service type.	Constant, avg, max, min, nkrttbh, tot
dsp_service_succ_res_alloc	nok_nkrnc_dspserv_tab.xw0rpqvdmm2aicsd002uaxyb	INTEGER	#	The total cumulative number	Sum, nkrttbh,

	dk			of the resources allocated for a specific DSP service type.	tot
peak_hsdpa_user_rnc	{dsp_service_peak_res_alloc}	INTEGER	#	Peak number of HSDPA users in RNC	Average, avg, max, min, nkrttbh, tot
peak_hsupa_user_rnc	{dsp_service_peak_res_alloc}	INTEGER	#	Peak number of HSUPA users in RNC	Average, avg, max, min, nkrttbh, tot

6.34.60RNC.Nokia.UMTS.hspa_ifho_meas

HSPA IFHO measurements

KPI Name	Expression	Data Type	Units	Description	Aggregation
att_hcap_ifho_meas	nok_hspa_ifho_tab.xdrxauhdmm2aicsd002uaxybdk	INTEGER	#	The number of HSPA capability based IFHO measurement start attempts.	Sum, nkrttbh, tot
att_hcap_inter_ifho	nok_hspa_ifho_tab.xdrxaupdmm2aicsd002uaxybdk	INTEGER	#	The number of Inter-RNC HSPA capability based IFHO attempts. This counter includes also handover attempts to I-HSPA cells.	Sum, nkrttbh, tot
att_hcap_intra_ifho	nok_hspa_ifho_tab.xdrxaundmm2aicsd002uaxybdk	INTEGER	#	The number of Intra-RNC HSPA capability based	Sum, nkrttbh, tot

				IFHO attempts.	
att_hspa_ifho_meas	nok_hspa_ifho_tab.xdrxatjdmm2aicsd002uaxybdk	INTEGER	#	The number of HSPA IFHO measurement start attempts.	Sum, nkrttbh, tot
att_hspa_inter_ifho	nok_hspa_ifho_tab.xdrxatrdmm2aicsd002uaxybdk	INTEGER	#	The number of Inter-RNC HSPA IFHO attempts.	Sum, nkrttbh, tot
att_hspa_intra_ifho	nok_hspa_ifho_tab.xdrxatpdmm2aicsd002uaxybdk	INTEGER	#	The number of Intra-RNC HSPA IFHO attempts.	Sum, nkrttbh, tot
fail_hcap_ifho_meas	nok_hspa_ifho_tab.xdrxaujdmm2aicsd002uaxybdk	INTEGER	#	The number of HSPA capability based IFHO measurement start failures.	Sum, nkrttbh, tot
fail_hcap_inter_ifho_ue_lost	nok_hspa_ifho_tab.xdrxav6dmm2aicsd002uaxybdk	INTEGER	#	The number of failed Inter-RNC HSPA capability based IFHOs due to UE being lost. This counter includes also failed handovers to I-HSPA cells.	Sum, nkrttbh, tot
fail_hcap_inter_ifho_ue_nack	nok_hspa_ifho_tab.xdrxav2dmm2aicsd002uaxybdk	INTEGER	#	The number of failed Inter-RNC HSPA capability based IFHOs due to UE rejection. This counter includes also failed handovers to I-HSPA cells.	Sum, nkrttbh, tot
fail_hcap_inter_ifho_utran	nok_hspa_ifho_tab.xdrxauxdmm2aicsd002uaxybdk	INTEGER	#	The number of failed Inter-RNC HSPA capability based IFHOs due to UTRAN. This counter includes also failed	Sum, nkrttbh, tot

				handovers to I-HSPA cells.	
fail_hcap_intra_ifho_ue_lost	nok_hspa_ifho_tab.xdrxav4dmm2aicsd002uaxybdk	INTEGER	#	The number of failed Intra-RNC HSPA capability based IFHOs due to UE being lost.	Sum, nkrttbh, tot
fail_hcap_intra_ifho_ue_nack	nok_hspa_ifho_tab.xdrxav0dmm2aicsd002uaxybdk	INTEGER	#	The number of failed Intra-RNC HSPA capability based IFHOs due to UE rejection.	Sum, nkrttbh, tot
fail_hcap_intra_ifho_utran	nok_hspa_ifho_tab.xdrxauvdmm2aicsd002uaxybdk	INTEGER	#	The number of failed Intra-RNC HSPA capability based IFHOs due to UTRAN.	Sum, nkrttbh, tot
fail_hspa_ifho_meas	nok_hspa_ifho_tab.xdrxatldmm2aicsd002uaxybdk	INTEGER	#	The number of HSPA IFHO measurement start failures.	Sum, nkrttbh, tot
fail_hspa_inter_ifho_ue_lost	nok_hspa_ifho_tab.xdrxaufdmm2aicsd002uaxybdk	INTEGER	#	The number of failed Inter-RNC HSPA IFHOs due to UE being lost.	Sum, nkrttbh, tot
fail_hspa_inter_ifho_ue_nack	nok_hspa_ifho_tab.xdrxaubdmm2aicsd002uaxybdk	INTEGER	#	The number of failed Inter-RNC HSPA IFHOs due to UE rejection.	Sum, nkrttbh, tot
fail_hspa_inter_ifho_utran	nok_hspa_ifho_tab.xdrxau4dmm2aicsd002uaxybdk	INTEGER	#	The number of failed Inter-RNC HSPA IFHOs due to UTRAN.	Sum, nkrttbh, tot
fail_hspa_intra_ifho_ue_lost	nok_hspa_ifho_tab.xdrxaucdmm2aicsd002uaxybdk	INTEGER	#	The number of failed Intra-RNC HSPA IFHOs due	Sum, nkrttbh, tot

				to UE being lost.	
fail_hspa_intra_ifho_ue_nack	nok_hspa_ifho_tab.xdrxau6dmm2aicsd002uaxybdk	INTEGER	#	The number of failed Intra-RNC HSPA IFHOs due to UE rejection.	Sum, nkrttbh, tot
fail_hspa_intra_ifho_utran	nok_hspa_ifho_tab.xdrxau2dmm2aicsd002uaxybdk	INTEGER	#	The number of failed Intra-RNC HSPA IFHOs due to UTRAN.	Sum, nkrttbh, tot
not_start_hcap_ifho_no_cell	nok_hspa_ifho_tab.xdrxauldmm2aicsd002uaxybdk	INTEGER	#	The number of times when no cell good enough was found for HSPA capability based IFHO.	Sum, nkrttbh, tot
not_start_hspa_ifho_no_cell	nok_hspa_ifho_tab.xdrxatndmm2aicsd002uaxybdk	INTEGER	#	The number of times when no cell good enough was found for HSPA IFHO.	Sum, nkrttbh, tot
succ_hcap_inter_ifho	nok_hspa_ifho_tab.xdrxautdmm2aicsd002uaxybdk	INTEGER	#	The number of successful Inter-RNC HSPA capability based IFHOs. This counter includes also handovers to I-HSPA cells.	Sum, nkrttbh, tot
succ_hcap_intra_ifho	nok_hspa_ifho_tab.xdrxaurdmm2aicsd002uaxybdk	INTEGER	#	The number of successful Intra-RNC HSPA capability based IFHOs.	Sum, nkrttbh, tot
succ_hspa_inter_ifho	nok_hspa_ifho_tab.xdrxau0dmm2aicsd002uaxybdk	INTEGER	#	The number of successful Inter-RNC HSPA IFHOs.	Sum, nkrttbh, tot
succ_hspa_intra_ifho_hsdpa	nok_hspa_ifho_tab.xdrxatvdmm2aicsd002uaxybdk	INTEGER	#	The number of successful Intra-RNC HSPA IFHOs with HS-DSCH/DCH	Sum, nkrttbh, tot

				allocated in the target cell.	
succ_hspa_intra_ifho_hsupa	nok_hspa_ifho_tab.xdrxatxdmm2aicsd002uaxybdk	INTEGER	#	The number of successful Intra-RNC HSPA IFHOs with HS-DSCH/E-DCH allocated in the target cell.	Sum, nkrttbh, tot
succ_hspa_intra_ifho_rel99	nok_hspa_ifho_tab.xdrxattdmm2aicsd002uaxybdk	INTEGER	#	The number of successful Intra-RNC HSPA IFHOs with Rel99 DCH allocated in the target cell.	Sum, nkrttbh, tot

6.34.61RNC.Nokia.UMTS.interrnc.forward

RNC level - Inter-RNC hard handover: Forward SRNS context statistics

KPI Name	Expression	Data Type	Units	Description	Aggregation
forw_srns_con_in	nok_rninterrnc_forward_tab.ugpuhhv1im2ahsxr0035xkcuai	INTEGER	#	Number of received Forward SRNS Context messages from SGSN in target RNC.	Sum, nkrttbh, tot
forw_srns_con_out	nok_rninterrnc_forward_tab.ugpuhht1im2ahsxr0035xkcuai	INTEGER	#	Number of Forward SRNS Context messages to SGSN in source RNC.	Sum, nkrttbh, tot

6.34.62RNC.Nokia.UMTS.interrnc.iurelreq.source

RNC level - Inter-RNC hard handover: IU release request at Source RNC statistics

KPI Name	Expression	Data Type	Units	Description	Aggregation

inter_hho_iu_rel_out_contr_by_2cn_due_to_misc_cause	nok_nkrn_inciurelrqsrc_tab.ugpuhix1im2ahsxr0035xkcuai	INTEGER	#	A number of IU release requests during outgoing 2CN controlled inter HHOs due to a Miscellaneous cause.	Sum, nkrttbh, tot
inter_hho_iu_rel_out_contr_by_2cn_due_to_nas_cause	nok_nkrn_inciurelrqsrc_tab.ugpuhit1im2ahsxr0035xkcuai	INTEGER	#	A number of IU release requests during outgoing 2CN controlled inter HHOs due to a Non Access Stratum cause.	Sum, nkrttbh, tot
inter_hho_iu_rel_out_contr_by_2cn_due_to_non_stan_cause	nok_nkrn_inciurelrqsrc_tab.ugpuhj01im2ahsxr0035xkcuai	INTEGER	#	A number of IU release requests during outgoing 2CN controlled inter HHOs due to a Non Standard cause.	Sum, nkrttbh, tot
inter_hho_iu_rel_out_contr_by_2cn_due_to_prot_cause	nok_nkrn_inciurelrqsrc_tab.ugpuhiv1im2ahsxr0035xkcuai	INTEGER	#	A number of IU release requests during outgoing 2CN controlled inter HHOs due to a Protocol cause.	Sum, nkrttbh, tot
inter_hho_iu_rel_out_contr_by_2cn_due_to_rn_layer_cause	nok_nkrn_inciurelrqsrc_tab.ugpuhip1im2ahsxr0035xkcuai	INTEGER	#	A number of IU release requests during outgoing 2CN controlled inter HHOs due to a Radio Network Layer cause.	Sum, nkrttbh, tot
inter_hho_iu_rel_out_contr_by_2cn_due_to_tr_cause	nok_nkrn_inciurelrqsrc_tab.ugpuhir1im2ahsxr0035xkcuai	INTEGER	#	A number of IU release requests during outgoing 2CN controlled inter HHOs due to a Transport Layer cause.	Sum, nkrttbh, tot
inter_hho_iu_rel_o	nok_nkrn_inciurelrqsrc_tab	INTEG	#	A number of IU	Sum,

ut_contr_by_msc_due_to_misc_cause	.ugpuhi61im2ahsxr0035xkcuai	ER		release requests during outgoing MSC controlled inter HHOs due to a Miscellaneous cause.	nkrttbh, tot
inter_hho_iu_rel_out_contr_by_msc_due_to_nas_cause	nok_nkrn_inciurelrqsrc_tab.ugpuhi21im2ahsxr0035xkcuai	INTEGER	#	A number of IU release requests during outgoing MSC controlled inter HHOs due to a Non Access Stratum cause.	Sum, nkrttbh, tot
inter_hho_iu_rel_out_contr_by_msc_due_to_non_stan_cause	nok_nkrn_inciurelrqsrc_tab.ugpuhib1im2ahsxr0035xkcuai	INTEGER	#	A number of IU release requests during outgoing MSC controlled inter HHOs due to a Non Standard cause.	Sum, nkrttbh, tot
inter_hho_iu_rel_out_contr_by_msc_due_to_prot_cause	nok_nkrn_inciurelrqsrc_tab.ugpuhi41im2ahsxr0035xkcuai	INTEGER	#	A number of IU release requests during outgoing MSC controlled inter HHOs due to a Protocol cause.	Sum, nkrttbh, tot
inter_hho_iu_rel_out_contr_by_msc_due_to_rn_layer_cause	nok_nkrn_inciurelrqsrc_tab.ugpuhhx1im2ahsxr0035xkcuai	INTEGER	#	A number of IU release requests during outgoing MSC controlled inter HHOs due to a Radio Network Layer cause.	Sum, nkrttbh, tot
inter_hho_iu_rel_out_contr_by_msc_due_to_tr_cause	nok_nkrn_inciurelrqsrc_tab.ugpuhi01im2ahsxr0035xkcuai	INTEGER	#	A number of IU release requests during outgoing MSC controlled inter HHOs due to a	Sum, nkrttbh, tot

				Transport Layer cause.	
inter_hho_iu_rel_out_contr_by_sgsn_due_to_misc_cause	nok_nkrn_inciurelrqsrc_tab.ugpuhil1im2ahsxr0035xkcuai	INTEGER	#	A number of IU release requests during outgoing SGSN controlled inter HHOs due to a Miscellaneous cause.	Sum, nkrttbh, tot
inter_hho_iu_rel_out_contr_by_sgsn_due_to_nas_cause	nok_nkrn_inciurelrqsrc_tab.ugpuhih1im2ahsxr0035xkcuai	INTEGER	#	A number of IU release requests during outgoing SGSN controlled inter HHOs due to a Non Access Stratum cause.	Sum, nkrttbh, tot
inter_hho_iu_rel_out_contr_by_sgsn_due_to_non_stan_cause	nok_nkrn_inciurelrqsrc_tab.ugpuhin1im2ahsxr0035xkcuai	INTEGER	#	A number of IU release requests during outgoing SGSN controlled inter HHOs due to a Non Standard cause.	Sum, nkrttbh, tot
inter_hho_iu_rel_out_contr_by_sgsn_due_to_prot_cause	nok_nkrn_inciurelrqsrc_tab.ugpuhij1im2ahsxr0035xkcuai	INTEGER	#	A number of IU release requests during outgoing SGSN controlled inter HHOs due to a Protocol cause.	Sum, nkrttbh, tot
inter_hho_iu_rel_out_contr_by_sgsn_due_to_rn_layer_cause	nok_nkrn_inciurelrqsrc_tab.ugpuhid1im2ahsxr0035xkcuai	INTEGER	#	A number of IU release requests during outgoing SGSN controlled inter HHOs due to a Radio Network Layer cause.	Sum, nkrttbh, tot
inter_hho_iu_rel_out_contr_by_sgsn_due_to_tr_cause	nok_nkrn_inciurelrqsrc_tab.ugpuhif1im2ahsxr0035xkcuai	INTEGER	#	A number of IU release requests during outgoing SGSN controlled inter HHOs due to a Transport Layer	Sum, nkrttbh, tot

				cause.	

6.34.63RNC.Nokia.UMTS.interrnc.iurelreq.target

RNC level - Inter-RNC hard handover: IU release request at Target RNC statistics

KPI Name	Expression	Data Type	Units	Description	Aggregation
inter_hho_iu_rel_in_contr_by_2cn_due_to_misc_cause	nok_nkrn_inciurelrqtgt_tab.ugpuhk21im2ahsxr0035xkcuai	INTEGER	#	A number of IU release requests during incoming 2CN controlled inter HHOs due to a Miscellaneous cause.	Sum, nkrttbh, tot
inter_hho_iu_rel_in_contr_by_2cn_due_to_nas_cause	nok_nkrn_inciurelrqtgt_tab.ugpuhjx1im2ahsxr0035xkcuai	INTEGER	#	A number of IU release requests during incoming 2CN controlled inter HHOs due to a Non Access Stratum cause.	Sum, nkrttbh, tot
inter_hho_iu_rel_in_contr_by_2cn_due_to_non_stan_cause	nok_nkrn_inciurelrqtgt_tab.ugpuhk41im2ahsxr0035xkcuai	INTEGER	#	A number of IU release requests during incoming 2CN controlled inter HHOs due to a Non Standard cause.	Sum, nkrttbh, tot
inter_hho_iu_rel_in_contr_by_2cn_due_to_prot_cause	nok_nkrn_inciurelrqtgt_tab.ugpuhk01im2ahsxr0035xkcuai	INTEGER	#	A number of IU release requests during incoming 2CN controlled inter HHOs due to a Protocol cause.	Sum, nkrttbh, tot
inter_hho_iu_rel_in_contr_by_2cn_d	nok_nkrn_inciurelrqtgt_tab.ugpuhjt1im2ahsxr0035xkc	INTEGER	#	A number of IU release requests	Sum, nkrttbh,

ue_to_rn_layer_cause	uai			during incoming 2CN controlled inter HHOs due to a Radio Network Layer cause.	tot
inter_hho_iu_rel_in_contr_by_2cn_due_to_tr_cause	nok_nkrn_inciurelrqtgt_tab.ugpuhjv1im2ahsxr0035xkcuai	INTEGER	#	A number of IU release requests during incoming 2CN controlled inter HHOs due to a Transport Layer cause.	Sum, nkrttbh, tot
inter_hho_iu_rel_in_contr_by_msc_due_to_misc_cause	nok_nkrn_inciurelrqtgt_tab.ugpuhjd1im2ahsxr0035xkcuai	INTEGER	#	A number of IU release requests during incoming MSC controlled inter HHOs due to a Miscellaneous cause.	Sum, nkrttbh, tot
inter_hho_iu_rel_in_contr_by_msc_due_to_nas_cause	nok_nkrn_inciurelrqtgt_tab.ugpuhj61im2ahsxr0035xkcuai	INTEGER	#	A number of IU release requests during incoming MSC controlled inter HHOs due to a Non Access Stratum cause.	Sum, nkrttbh, tot
inter_hho_iu_rel_in_contr_by_msc_due_to_non_stan_cause	nok_nkrn_inciurelrqtgt_tab.ugpuhjf1im2ahsxr0035xkcuai	INTEGER	#	A number of IU release requests during incoming MSC controlled inter HHOs due to a Non Standard cause.	Sum, nkrttbh, tot
inter_hho_iu_rel_in_contr_by_msc_due_to_prot_cause	nok_nkrn_inciurelrqtgt_tab.ugpuhjb1im2ahsxr0035xkcuai	INTEGER	#	A number of IU release requests during incoming MSC controlled inter HHOs due to a Protocol cause.	Sum, nkrttbh, tot
inter_hho_iu_rel_in_contr_by_msc_due_to_rn_layer_ca	nok_nkrn_inciurelrqtgt_tab.ugpuhj21im2ahsxr0035xkcuai	INTEGER	#	A number of IU release requests during incoming	Sum, nkrttbh, tot

use				MSC controlled inter HHOs due to a Radio Network Layer cause.	
inter_hho_iu_rel_in_contr_by_msc_due_to_tr_cause	nok_nkrn_inciurelrqtgt_tab.ugpuhj41im2ahsxr0035xkcuai	INTEGER	#	A number of IU release requests during incoming MSC controlled inter HHOs due to a Transport Layer cause.	Sum, nkrttbh, tot
inter_hho_iu_rel_in_contr_by_sgsn_due_to_misc_cause	nok_nkrn_inciurelrqtgt_tab.ugpuhjp1im2ahsxr0035xkcuai	INTEGER	#	A number of IU release requests during incoming SGSN controlled inter HHOs due to a Miscellaneous cause.	Sum, nkrttbh, tot
inter_hho_iu_rel_in_contr_by_sgsn_due_to_nas_cause	nok_nkrn_inciurelrqtgt_tab.ugpuhjl1im2ahsxr0035xkcuai	INTEGER	#	A number of IU release requests during incoming SGSN controlled inter HHOs due to a Non Access Stratum cause.	Sum, nkrttbh, tot
inter_hho_iu_rel_in_contr_by_sgsn_due_to_non_stan_cause	nok_nkrn_inciurelrqtgt_tab.ugpuhjr1im2ahsxr0035xkcuai	INTEGER	#	A number of IU release requests during incoming SGSN controlled inter HHOs due to a Non Standard cause.	Sum, nkrttbh, tot
inter_hho_iu_rel_in_contr_by_sgsn_due_to_prot_cause	nok_nkrn_inciurelrqtgt_tab.ugpuhjn1im2ahsxr0035xkcuai	INTEGER	#	A number of IU release requests during incoming SGSN controlled inter HHOs due to a Protocol cause.	Sum, nkrttbh, tot

inter_hho_iu_rel_in_contr_by_sgsn_due_to_rn_layer_cause	nok_nkrn_inciurelrqtgt_tab.ugpuhjh1im2ahsxr0035xkcuai	INTEGER	#	A number of IU release requests during incoming SGSN controlled inter HHOs due to a Radio Network Layer cause.	Sum, nkrttbh, tot
inter_hho_iu_rel_in_contr_by_sgsn_due_to_tr_cause	nok_nkrn_inciurelrqtgt_tab.ugpuhjj1im2ahsxr0035xkcuai	INTEGER	#	A number of IU release requests during incoming SGSN controlled inter HHOs due to a Transport Layer cause.	Sum, nkrttbh, tot

6.34.64RNC.Nokia.UMTS.interrnc.relocation.cancel

RNC level - Inter-RNC hard handover: Relocation commit cancel by MSC/SGSN statistics

KPI Name	Expression	Data Type	Units	Description	Aggregation
inter_rnc_hho_out_cancel_contr_by_2cn_due_to_misc_cause	nok_nkrn_incirelocccl_tab.ugpuhlp1im2ahsxr0035xkcuai	INTEGER	#	A number of outgoing 2CN controlled inter RNC HHOs cancelled due to a Miscellaneous cause.	Sum, nkrttbh, tot
inter_rnc_hho_out_cancel_contr_by_2cn_due_to_nas_cause	nok_nkrn_incirelocccl_tab.ugpuhll1im2ahsxr0035xkcuai	INTEGER	#	A number of outgoing 2CN controlled inter RNC HHOs cancelled due to a Non Access Stratum cause.	Sum, nkrttbh, tot
inter_rnc_hho_out_cancel_contr_by_2cn_due_to_non_stan_cause	nok_nkrn_incirelocccl_tab.ugpuhlr1im2ahsxr0035xkcuai	INTEGER	#	A number of outgoing 2CN controlled inter RNC HHOs cancelled due to a Non Standard cause.	Sum, nkrttbh, tot

inter_rnc_hho_out_cancel_contr_by_2cn_due_to_prot_cause	nok_nkrn_incirelocccl_tab.ugpuhln1im2ahsxr0035xkcuai	INTEGER	#	A number of outgoing 2CN controlled inter RNC HHOs cancelled due to a Protocol cause.	Sum, nkrttbh, tot
inter_rnc_hho_out_cancel_contr_by_2cn_due_to_reloc_ove_tim_exp	nok_nkrn_incirelocccl_tab.ugpuhlf1im2ahsxr0035xkcuai	INTEGER	#	A number of outgoing 2CN controlled inter RNC HHOs cancelled due to the expiry of the relocation overall timer.	Sum, nkrttbh, tot
inter_rnc_hho_out_cancel_contr_by_2cn_due_to_reloc_prep_tim_exp	nok_nkrn_incirelocccl_tab.ugpuhlh1im2ahsxr0035xkcuai	INTEGER	#	A number of outgoing 2CN controlled inter RNC HHOs cancelled due to the expiry of the relocation preparation timer.	Sum, nkrttbh, tot
inter_rnc_hho_out_cancel_contr_by_2cn_due_to_rn_layer_cause	nok_nkrn_incirelocccl_tab.ugpuhld1im2ahsxr0035xkcuai	INTEGER	#	A number of outgoing 2CN controlled inter RNC HHOs cancelled due to a Radio Network Layer cause.	Sum, nkrttbh, tot
inter_rnc_hho_out_cancel_contr_by_2cn_due_to_tr_cause	nok_nkrn_incirelocccl_tab.ugpuhlj1im2ahsxr0035xkcuai	INTEGER	#	A number of outgoing 2CN controlled inter RNC HHOs cancelled due to a Transport Layer cause.	Sum, nkrttbh, tot
inter_rnc_hho_out_cancel_contr_by_	nok_nkrn_incirelocccl_tab.ugpuhkp1im2ahsxr0035xk	INTEGER	#	A number of outgoing MSC	Sum, nkrttbh,

msc_due_to_misc_cause	cuai			controlled inter RNC HHOs cancelled due to a Miscellaneous cause.	tot
inter_rnc_hho_out_cancel_contr_by_msc_due_to_nas_cause	nok_nkrn_incirelocccl_tab.ugpuhkl1im2ahsxr0035xkcuai	INTEGER	#	A number of outgoing MSC controlled inter RNC HHOs cancelled due to a Non Access Stratum cause.	Sum, nkrttbh, tot
inter_rnc_hho_out_cancel_contr_by_msc_due_to_non_stan_cause	nok_nkrn_incirelocccl_tab.ugpuhkr1im2ahsxr0035xkcuai	INTEGER	#	A number of outgoing MSC controlled inter RNC HHOs cancelled due to a Non Standard cause.	Sum, nkrttbh, tot
inter_rnc_hho_out_cancel_contr_by_msc_due_to_prot_cause	nok_nkrn_incirelocccl_tab.ugpuhkn1im2ahsxr0035xkcuai	INTEGER	#	A number of outgoing MSC controlled inter RNC HHOs cancelled due to a Protocol cause.	Sum, nkrttbh, tot
inter_rnc_hho_out_cancel_contr_by_msc_due_to_reloc_ove_tim_exp	nok_nkrn_incirelocccl_tab.ugpuhkf1im2ahsxr0035xkcuai	INTEGER	#	A number of outgoing MSC controlled inter RNC HHOs cancelled due to the expiry of the relocation overall timer.	Sum, nkrttbh, tot
inter_rnc_hho_out_cancel_contr_by_msc_due_to_reloc_prep_tim_exp	nok_nkrn_incirelocccl_tab.ugpuhkh1im2ahsxr0035xkcuai	INTEGER	#	A number of outgoing MSC controlled inter RNC HHOs cancelled due to the expiry of the relocation preparation timer.	Sum, nkrttbh, tot
inter_rnc_hho_out	nok_nkrn_incirelocccl_tab.	INTEG	#	A number of	Sum,

_cancel_contr_by_msc_due_to_rn_layer_cause	ugpuhkd1im2ahsxr0035xkcuai	ER		outgoing MSC controlled inter RNC HHOs cancelled due to a Radio Network Layer cause.	nkrttbh, tot
inter_rnc_hho_out_cancel_contr_by_msc_due_to_tr_cause	nok_nkrn_incirelocccl_tab.ugpuhkj1im2ahsxr0035xkcuai	INTEGER	#	A number of outgoing MSC controlled inter RNC HHOs cancelled due to a Transport Layer cause.	Sum, nkrttbh, tot
inter_rnc_hho_out_cancel_contr_by_sgsn_due_to_misc_cause	nok_nkrn_incirelocccl_tab.ugpuhl61im2ahsxr0035xkcuai	INTEGER	#	A number of outgoing SGSN controlled inter RNC HHOs cancelled due to a Miscellaneous cause.	Sum, nkrttbh, tot
inter_rnc_hho_out_cancel_contr_by_sgsn_due_to_nas_cause	nok_nkrn_incirelocccl_tab.ugpuhl21im2ahsxr0035xkcuai	INTEGER	#	A number of outgoing SGSN controlled inter RNC HHOs cancelled due to a Non Access Stratum cause.	Sum, nkrttbh, tot
inter_rnc_hho_out_cancel_contr_by_sgsn_due_to_non_stan_cause	nok_nkrn_incirelocccl_tab.ugpuhlb1im2ahsxr0035xkcuai	INTEGER	#	A number of outgoing SGSN controlled inter RNC HHOs cancelled due to a Non Standard cause.	Sum, nkrttbh, tot
inter_rnc_hho_out_cancel_contr_by_sgsn_due_to_prot_cause	nok_nkrn_incirelocccl_tab.ugpuhl41im2ahsxr0035xkcuai	INTEGER	#	A number of outgoing SGSN controlled inter RNC HHOs	Sum, nkrttbh, tot

				cancelled due to a Protocol cause.	
inter_rnc_hho_out_cancel_contr_by_sgsn_due_to_reloc_ove_tim_exp	nok_nkrn_incirelocccl_tab.ugpuhkv1im2ahsxr0035xkcuai	INTEGER	#	A number of outgoing SGSN controlled inter RNC HHOs cancelled due to the expiry of the relocation overall timer.	Sum, nkrttbh, tot
inter_rnc_hho_out_cancel_contr_by_sgsn_due_to_reloc_prep_tim_exp	nok_nkrn_incirelocccl_tab.ugpuhkx1im2ahsxr0035xkcuai	INTEGER	#	A number of outgoing SGSN controlled SRNS relocation cancellations due to the expiry of the relocation preparation timer.	Sum, nkrttbh, tot
inter_rnc_hho_out_cancel_contr_by_sgsn_due_to_rn_layer_cause	nok_nkrn_incirelocccl_tab.ugpuhkt1im2ahsxr0035xkcuai	INTEGER	#	A number of outgoing SGSN controlled inter RNC HHOs cancelled due to a Radio Network Layer cause.	Sum, nkrttbh, tot
inter_rnc_hho_out_cancel_contr_by_sgsn_due_to_tr_cause	nok_nkrn_incirelocccl_tab.ugpuhl01im2ahsxr0035xkcuai	INTEGER	#	A number of outgoing SGSN controlled inter RNC HHOs cancelled due to a Transport Layer cause.	Sum, nkrttbh, tot

6.34.65RNC.Nokia.UMTS.interrnc.relocation.misc

RNC level - Inter-RNC hard handover: Relocation due to other sources statistics

KPI Name	Expression	Data Type	Units	Description	Aggregation
inter_hho_compl_in_target_rnc_contr_by_2cn	nok_nkrn_incireloccms_tab.ugpuhm41im2ahsxr0035xkcuai	INTEGER	#	A number of outgoing Relocation	Sum, nkrttbh, tot

				Complete messages during incoming 2CN controlled HHO.	
inter_hho_compl_in_target_rnc_contr_by_msc	nok_nkrn_incireloccms_tab.ugpuhm01im2ahsxr0035xkcuai	INTEGER	#	A number of outgoing Relocation Complete messages during incoming MSC controlled HHO.	Sum, nkrttbh, tot
inter_hho_compl_in_target_rnc_contr_by_sgsn	nok_nkrn_incireloccms_tab.ugpuhm21im2ahsxr0035xkcuai	INTEGER	#	A number of outgoing Relocation Complete messages during incoming SGSN controlled HHO.	Sum, nkrttbh, tot
inter_hho_det_in_target_rnc_contr_by_sgsn	nok_nkrn_incireloccms_tab.ugpuhlv1im2ahsxr0035xkcuai	INTEGER	#	A number of outgoing Relocation Detect messages during incoming SGSN controlled HHO.	Sum, nkrttbh, tot
inter_hho_detect_in_target_rnc_contr_by_2cn	nok_nkrn_incireloccms_tab.ugpuhlx1im2ahsxr0035xkcuai	INTEGER	#	A number of outgoing Relocation Detect messages during incoming 2CN controlled HHO.	Sum, nkrttbh, tot
inter_hho_detect_in_target_rnc_contr_by_msc	nok_nkrn_incireloccms_tab.ugpuhlt1im2ahsxr0035xkcuai	INTEGER	#	A number of outgoing Relocation Detect messages during incoming MSC controlled HHO.	Sum, nkrttbh, tot

6.34.66RNC.Nokia.UMTS.interrnc.relocation.source

RNC level - Inter-RNC hard handover: Relocation due to source RNC statistics

KPI Name	Expression	Data Type	Units	Description	Aggregation
inter_rnc_hho_out_prep_req_contr_by_2cn	nok_nkrn_increlsrc_tab.ugpuhmd1im2ahsxr0035xkcuai	INTEGER	#	A number of outgoing 2CN controlled inter RNC HHO requests. HC makes a decision about inter RNC hard handover based on the UE measurement report.	Sum, nkrttbh, tot
inter_rnc_hho_out_prep_req_contr_by_msc	nok_nkrn_increlsrc_tab.ugpuhm61im2ahsxr0035xkcuai	INTEGER	#	A number of outgoing MSC controlled inter RNC HHO requests. HC makes a decision about inter RNC hard handover based on the UE measurement report.	Sum, nkrttbh, tot
inter_rnc_hho_out_prep_req_contr_by_sgsn	nok_nkrn_increlsrc_tab.ugpuhmb1im2ahsxr0035xkcuai	INTEGER	#	A number of outgoing SGSN controlled inter RNC HHO requests. HC makes a decision about inter RNC hard handover based on the UE measurement report.	Sum, nkrttbh, tot
inter_rnc_hho_out_prep_succ_contr_by_2cn	nok_nkrn_increlsrc_tab.ugpuhmj1im2ahsxr0035xkcuai	INTEGER	#	A number of successful outgoing 2CN controlled inter RNC HHO requests.	Sum, nkrttbh, tot

inter_rnc_hho_out_prep_succ_contr_by_msc	nok_nkrn_increlsrc_tab.ugpuhmf1im2ahsxr0035xkcuai	INTEGER	#	A number of successful outgoing MSC controlled inter RNC HHO requests.	Sum, nkrttbh, tot
inter_rnc_hho_out_prep_succ_contr_by_sgsn	nok_nkrn_increlsrc_tab.ugpuhmh1im2ahsxr0035xkcuai	INTEGER	#	A number of successful outgoing SGSN controlled inter RNC HHO requests.	Sum, nkrttbh, tot
inter_rnc_hho_out_prep_unsucc_contr_by_2cn_due_to_misc_cause	nok_nkrn_increlsrc_tab.ugpuhnl1im2ahsxr0035xkcuai	INTEGER	#	A number of outgoing 2CN controlled HHO relocation preparation failures due to a Miscellaneous cause.	Sum, nkrttbh, tot
inter_rnc_hho_out_prep_unsucc_contr_by_2cn_due_to_nas_cause	nok_nkrn_increlsrc_tab.ugpuhnh1im2ahsxr0035xkcuai	INTEGER	#	A number of outgoing 2CN controlled HHO relocation preparation failures due to a Non Access Stratum cause.	Sum, nkrttbh, tot
inter_rnc_hho_out_prep_unsucc_contr_by_2cn_due_to_non_stan_cause	nok_nkrn_increlsrc_tab.ugpuhnn1im2ahsxr0035xkcuai	INTEGER	#	A number of outgoing 2CN controlled HHO relocation preparation failures due to a Non Standard cause.	Sum, nkrttbh, tot
inter_rnc_hho_out_prep_unsucc_contr_by_2cn_due_to_prot_cause	nok_nkrn_increlsrc_tab.ugpuhnj1im2ahsxr0035xkcuai	INTEGER	#	A number of outgoing 2CN controlled HHO relocation preparation failures	Sum, nkrttbh, tot

This edition applies to IBM® Tivoli® Netcool® Performance Manager for Wireless and to all subsequent releases and modifications until otherwise indicated in new editions.

				due to a Protocol cause.	
inter_rnc_hho_out_prep_unsucc_contr_by_2cn_due_to_rn_layer_cause	nok_nkrn_increlsrc_tab.ugpuhnd1im2ahsxr0035xkcuai	INTEGER	#	A number of outgoing 2CN controlled HHO relocation preparation failures due to a Radio Network Layer cause.	Sum, nkrttbh, tot
inter_rnc_hho_out_prep_unsucc_contr_by_2cn_due_to_tr_layer_cause	nok_nkrn_increlsrc_tab.ugpuhnf1im2ahsxr0035xkcuai	INTEGER	#	A number of outgoing 2CN controlled HHO relocation preparation failures due to a Transport Layer cause.	Sum, nkrttbh, tot
inter_rnc_hho_out_prep_unsucc_contr_by_msc_due_to_misc_cause	nok_nkrn_increlsrc_tab.ugpuhmt1im2ahsxr0035xkcuai	INTEGER	#	A number of outgoing MSC controlled HHO relocation preparation failures due to a Miscellaneous cause.	Sum, nkrttbh, tot
inter_rnc_hho_out_prep_unsucc_contr_by_msc_due_to_nas_cause	nok_nkrn_increlsrc_tab.ugpuhmp1im2ahsxr0035xkcuai	INTEGER	#	A number of outgoing MSC controlled HHO relocation preparation failures due to a Non Access Stratum cause.	Sum, nkrttbh, tot
inter_rnc_hho_out_prep_unsucc_contr_by_msc_due_to_non_stan_cause	nok_nkrn_increlsrc_tab.ugpuhmv1im2ahsxr0035xkcuai	INTEGER	#	A number of outgoing MSC controlled HHO relocation preparation failures due to a Non Standard cause.	Sum, nkrttbh, tot
inter_rnc_hho_out_prep_unsucc_cont	nok_nkrn_increlsrc_tab.ugpuhmr1im2ahsxr0035xkcu	INTEGER	#	A number of outgoing MSC	Sum, nkrttbh,

r_by_msc_due_to_prot_cause	ai			controlled HHO relocation preparation failures due to a Protocol cause.	tot
inter_rnc_hho_out_prep_unsucc_contr_by_msc_due_to_rn_layer_cause	nok_nkrn_increlsrc_tab.ugpuhml1im2ahsxr0035xkcuai	INTEGER	#	A number of outgoing MSC controlled HHO relocation preparation failures due to a Radio Network Layer cause.	Sum, nkrttbh, tot
inter_rnc_hho_out_prep_unsucc_contr_by_msc_due_to_tr_layer_cause	nok_nkrn_increlsrc_tab.ugpuhmn1im2ahsxr0035xkcuai	INTEGER	#	A number of outgoing MSC controlled HHO relocation preparation failures due to a Transport Layer cause.	Sum, nkrttbh, tot
inter_rnc_hho_out_prep_unsucc_contr_by_sgsn_due_to_misc_cause	nok_nkrn_increlsrc_tab.ugpuhn61im2ahsxr0035xkcuai	INTEGER	#	A number of outgoing SGSN controlled HHO relocation preparation failures due to a Miscellaneous cause.	Sum, nkrttbh, tot
inter_rnc_hho_out_prep_unsucc_contr_by_sgsn_due_to_nas_cause	nok_nkrn_increlsrc_tab.ugpuhn21im2ahsxr0035xkcuai	INTEGER	#	A number of outgoing SGSN controlled HHO relocation preparation failures due to a Non Access Stratum cause.	Sum, nkrttbh, tot
inter_rnc_hho_out_prep_unsucc_cont	nok_nkrn_increlsrc_tab.ugpuhnb1im2ahsxr0035xkcua	INTEGER	#	A number of outgoing SGSN	Sum, nkrttbh,

r_by_sgsn_due_to_non_stan_cause	i			controlled HHO relocation preparation failures due to a Non Standard cause.	tot
inter_rnc_hho_out_prep_unsucc_contr_by_sgsn_due_to_prot_cause	nok_nkrn_increlsrc_tab.ugpuhn41im2ahsxr0035xkcuai	INTEGER	#	A number of outgoing SGSN controlled HHO relocation preparation failures due to a Protocol cause.	Sum, nkrttbh, tot
inter_rnc_hho_out_prep_unsucc_contr_by_sgsn_due_to_rn_layer_cause	nok_nkrn_increlsrc_tab.ugpuhmx1im2ahsxr0035xkcuai	INTEGER	#	A number of outgoing SGSN controlled HHO relocation preparation failures due to a Radio Network Layer cause.	Sum, nkrttbh, tot
inter_rnc_hho_out_prep_unsucc_contr_by_sgsn_due_to_tr_layer_cause	nok_nkrn_increlsrc_tab.ugpuhn01im2ahsxr0035xkcuai	INTEGER	#	A number of outgoing SGSN controlled HHO relocation preparation failures due to a Transport Layer cause.	Sum, nkrttbh, tot

6.34.67RNC.Nokia.UMTS.interrnc.relocation.target

RNC level - Inter-RNC hard handover: Relocation due to target RNC statistics

KPI Name	Expression	Data Type	Units	Description	Aggregation
inter_rnc_hho_in_prep_req_contr_by_2cn	nok_nkrn_increltgt_tab.ugpuhnt1im2ahsxr0035xkcuai	INTEGER	#	A number of incoming 2CN controlled inter RNC HHO requests.	Sum, nkrttbh, tot
inter_rnc_hho_in_prep_req_contr_by_msc	nok_nkrn_increltgt_tab.ugpuhnp1im2ahsxr0035xkcuai	INTEGER	#	A number of incoming MSC controlled inter	Sum, nkrttbh, tot

				RNC HHO requests.	
inter_rnc_hho_in_prep_req_contr_by_sgsn	nok_nkrn_increltgt_tab.ugpuhnr1im2ahsxr0035xkcuai	INTEGER	#	A number of incoming SGSN controlled inter RNC HHO requests.	Sum, nkrttbh, tot
inter_rnc_hho_in_prep_succ_contr_by_2cn	nok_nkrn_increltgt_tab.ugpuho01im2ahsxr0035xkcuai	INTEGER	#	A number of successful incoming 2CN controlled inter RNC HHO preparations.	Sum, nkrttbh, tot
inter_rnc_hho_in_prep_succ_contr_by_msc	nok_nkrn_increltgt_tab.ugpuhnv1im2ahsxr0035xkcuai	INTEGER	#	A number of successful incoming MSC controlled inter RNC HHO preparations.	Sum, nkrttbh, tot
inter_rnc_hho_in_prep_succ_contr_by_sgsn	nok_nkrn_increltgt_tab.ugpuhnx1im2ahsxr0035xkcuai	INTEGER	#	A number of successful incoming SGSN controlled inter RNC HHO preparations.	Sum, nkrttbh, tot
inter_rnc_hho_in_prep_unsucc_contr_by_2cn_due_to_misc_cause	nok_nkrn_increltgt_tab.ugpuhp21im2ahsxr0035xkcuai	INTEGER	#	A number of incoming 2CN controlled HHO relocation preparation failures due to a Miscellaneous cause.	Sum, nkrttbh, tot
inter_rnc_hho_in_prep_unsucc_contr_by_2cn_due_to_nas_cause	nok_nkrn_increltgt_tab.ugpuhox1im2ahsxr0035xkcuai	INTEGER	#	A number of incoming 2CN controlled HHO relocation preparation failures due to a Non Access Stratum	Sum, nkrttbh, tot

This edition applies to IBM® Tivoli® Netcool® Performance Manager for Wireless and to all subsequent releases and modifications until otherwise indicated in new editions.

				cause.	
inter_rnc_hho_in_prep_unsucc_contr_by_2cn_due_to_non_stan_cause	nok_nkrn_increltgt_tab.ugpuhp41im2ahsxr0035xkcuai	INTEGER	#	A number of incoming 2CN controlled HHO relocation preparation failures due to a Non Standard cause.	Sum, nkrttbh, tot
inter_rnc_hho_in_prep_unsucc_contr_by_2cn_due_to_prot_cause	nok_nkrn_increltgt_tab.ugpuhp01im2ahsxr0035xkcuai	INTEGER	#	A number of incoming 2CN controlled HHO relocation preparation failures due to a Protocol cause.	Sum, nkrttbh, tot
inter_rnc_hho_in_prep_unsucc_contr_by_2cn_due_to_rn_layer_cause	nok_nkrn_increltgt_tab.ugpuhot1im2ahsxr0035xkcuai	INTEGER	#	A number of incoming 2CN controlled HHO relocation preparation failures due to a Radio Network Layer cause.	Sum, nkrttbh, tot
inter_rnc_hho_in_prep_unsucc_contr_by_2cn_due_to_tr_layer_cause	nok_nkrn_increltgt_tab.ugpuhov1im2ahsxr0035xkcuai	INTEGER	#	A number of incoming 2CN controlled HHO relocation preparation failures due to a Transport Layer cause.	Sum, nkrttbh, tot
inter_rnc_hho_in_prep_unsucc_contr_by_msc_due_to_misc_cause	nok_nkrn_increltgt_tab.ugpuhod1im2ahsxr0035xkcuai	INTEGER	#	A number of incoming MSC controlled HHO relocation preparation failures due to a Miscellaneous cause.	Sum, nkrttbh, tot
inter_rnc_hho_in_prep_unsucc_contr_by_msc_due_to_nas_cause	nok_nkrn_increltgt_tab.ugpuho61im2ahsxr0035xkcuai	INTEGER	#	A number of incoming MSC controlled HHO relocation	Sum, nkrttbh, tot

				preparation failures due to a Non Access Stratum cause.	
inter_rnc_hho_in_prep_unsucc_contr_by_msc_due_to_non_stan_cause	nok_nkrn_increltgt_tab.ugpuhof1im2ahsxr0035xkcuai	INTEGER	#	A number of incoming MSC controlled HHO relocation preparation failures due to a Non Standard cause.	Sum, nkrttbh, tot
inter_rnc_hho_in_prep_unsucc_contr_by_msc_due_to_prot_cause	nok_nkrn_increltgt_tab.ugpuhob1im2ahsxr0035xkcuai	INTEGER	#	A number of incoming MSC controlled HHO relocation preparation failures due to a Protocol cause.	Sum, nkrttbh, tot
inter_rnc_hho_in_prep_unsucc_contr_by_msc_due_to_rn_layer_cause	nok_nkrn_increltgt_tab.ugpuho21im2ahsxr0035xkcuai	INTEGER	#	A number of incoming MSC controlled HHO relocation preparation failures due to a Radio Network Layer cause.	Sum, nkrttbh, tot
inter_rnc_hho_in_prep_unsucc_contr_by_msc_due_to_tr_layer_cause	nok_nkrn_increltgt_tab.ugpuho41im2ahsxr0035xkcuai	INTEGER	#	A number of incoming MSC controlled HHO relocation preparation failures due to a Transport Layer cause.	Sum, nkrttbh, tot
inter_rnc_hho_in_prep_unsucc_contr_by_sgsn_due_to_misc_cause	nok_nkrn_increltgt_tab.ugpuhop1im2ahsxr0035xkcuai	INTEGER	#	A number of incoming SGSN controlled HHO relocation preparation failures	Sum, nkrttbh, tot

				due to a Miscellaneous cause.	
inter_rnc_hho_in_prep_unsucc_contr_by_sgsn_due_to_nas_cause	nok_nkrn_increltgt_tab.ugpuhol1im2ahsxr0035xkcuai	INTEGER	#	A number of incoming SGSN controlled HHO relocation preparation failures due to a Non Access Stratum cause.	Sum, nkrttbh, tot
inter_rnc_hho_in_prep_unsucc_contr_by_sgsn_due_to_non_stan_cause	nok_nkrn_increltgt_tab.ugpuhor1im2ahsxr0035xkcuai	INTEGER	#	A number of incoming SGSN controlled HHO relocation preparation failures due to a Non Standard cause.	Sum, nkrttbh, tot
inter_rnc_hho_in_prep_unsucc_contr_by_sgsn_due_to_prot_cause	nok_nkrn_increltgt_tab.ugpuhon1im2ahsxr0035xkcuai	INTEGER	#	A number of incoming SGSN controlled HHO relocation preparation failures due to a Protocol cause.	Sum, nkrttbh, tot
inter_rnc_hho_in_prep_unsucc_contr_by_sgsn_due_to_rn_layer_cause	nok_nkrn_increltgt_tab.ugpuhoh1im2ahsxr0035xkcuai	INTEGER	#	A number of incoming SGSN controlled HHO relocation preparation failures due to a Radio Network Layer cause.	Sum, nkrttbh, tot
inter_rnc_hho_in_prep_unsucc_contr_by_sgsn_due_to_tr_layer_cause	nok_nkrn_increltgt_tab.ugpuhoj1im2ahsxr0035xkcuai	INTEGER	#	A number of incoming SGSN controlled HHO relocation preparation failures due to a Transport Layer cause.	Sum, nkrttbh, tot

6.34.68RNC.Nokia.UMTS.interrnc.relocation

RNC level: Inter-RNC hard handover: Relocation commit statistics

KPI Name	Expression	Data Type	Units	Description	Aggregation
inter_rnc_hho_commit_in_source_rnc	nok_rninterrnc_reloc_tab.ugpuhk61im2ahsxr0035xkcuai	INTEGER	#	A number of committed inter RNC hard handovers on source RNC side.	Sum, nkrttbh, tot
inter_rnc_hho_commit_in_target_rnc	nok_rninterrnc_reloc_tab.ugpuhkb1im2ahsxr0035xkcuai	INTEGER	#	A number of committed inter RNC hard handovers on target RNC side.	Sum, nkrttbh, tot

6.34.69RNC.Nokia.UMTS.intrasys_hho_inter_nrt

RNC NRT intra-system inter-frequency handover statistics

KPI Name	Expression	Data Type	Units	Description	Aggregation
_%_successful_inter_freq_handovers_caused_by_imsi_for_nrt	100 * {successful_inter_freq_handovers_caused_by_imsi_for_nrt}/ {inter_freq_ho_attempts_caused_by_imsi_for_nrt}	FLOAT	%	Success rate for inter-frequency handover attempts caused by IMSI for NRT.	Average, avg, nkrttbh
connection_drops_during_inter_rnc_hho_caused_by_hspa_scc	nok_nkrnc_isyhhoitenrt_tab.uaqadbp1im2ahsxr0035xkcuai	INTEGER	#	The number of user plane drops during outgoing Inter-RNC Intrafrequency HHO triggered by HSPA serving cell change. This counter is updated only for the HSPA serving cell before the HHO	Sum, nkrttbh, tot

				operation.	
ifho_because_no_cell_good_enough_due_to_capa_rejection_dl_for_nrt	nok_nkrnc_isyhhoitenrt_tab.xpkmel6afq2ahdvuj02uauibev	INTEGER	#	The number of times when an inter-frequency HHO measurement due to Load Based HO reason CapaReqRejRateDL > LHOcapaReqRejRateDL ends without making an inter-frequency HHO attempt, because no cell is good enough for inter-frequency HHO - for UEs with NRT connection.	Sum, nkrttbh, tot
inter_freq_ho_attempts_caused_by_cpich_ecno_for_nrt	nok_nkrnc_isyhhoitenrt_tab.txebfjxahl26seccb00hw01qk4	INT8	#	Inter frequency HHO attempts caused by low measured absolute CPICH Ec/No for NRT.	Sum, nkrttbh, tot
inter_freq_ho_attempts_caused_by_cpich_rscp_for_nrt	nok_nkrnc_isyhhoitenrt_tab.tx6cr56ahl26seccb00hw01qk4	INT8	#	Inter frequency HHO attempts caused by low measured absolute CPICH RSCP for NRT.	Sum, nkrttbh, tot
inter_freq_ho_attempts_caused_by_dl_dpch_pwr_for_nrt	nok_nkrnc_isyhhoitenrt_tab.tx1kfnxahl26seccb00hw01qk4	INT8	#	Inter frequency HHO attempts caused by DL DPCH approaching maximum power capability for NRT.	Sum, nkrttbh, tot
inter_freq_ho_attempts_caused_by_imsi_for_nrt	nok_nkrnc_isyhhoitenrt_tab.txxiu5pahl26seccb00hw01qk4	INT8	#	The number of inter-frequency handover attempts caused by IMSI for NRT.	Sum, nkrttbh, tot
inter_freq_ho_attempts_caused_by_ue_trx_pwr_for_nrt	nok_nkrnc_isyhhoitenrt_tab.twvejnpahl26seccb00hw01qk4	INT8	#	Inter frequency HHO attempts caused by UE transmission power approaching	Sum, nkrttbh, tot

				maximum power capability for NRT.	
inter_freq_ho_attempts_caused_by_ul_dch_qual_for_nrt	nok_nkrnc_isyhhoitenrt_tab.twqwjslahl26seccb00hw01qk4	INT8	#	Inter frequency HHO attempts caused by UL DCH quality deterioration for NRT.	Sum, nkrttbh, tot
inter_freq_ho_decisions_after_comp_mode_meas_due_to_cpich_ecno_for_nrt	nok_nkrnc_isyhhoitenrt_tab.twdekstahl26seccb00hw01qk4	INT8	#	Number of started inter frequency HHO measurements with compressed mode due to low measured CPICH Ec/No by the UEs for NRT.	Sum, nkrttbh, tot
inter_freq_ho_decisions_after_comp_mode_meas_due_to_cpich_rscp_for_nrt	nok_nkrnc_isyhhoitenrt_tab.twc6nwpahl26seccb00hw01qk4	INT8	#	Number of started inter frequency HHO measurements with compressed mode due to low measured CPICH RSCP by the UEs for NRT.	Sum, nkrttbh, tot
inter_freq_ho_decisions_after_comp_mode_meas_due_to_dl_dpch_pwr_for_nrt	nok_nkrnc_isyhhoitenrt_tab.twb0kyhahl26seccb00hw01qk4	INT8	#	Number of started inter frequency HHO measurements with compressed mode due to DL DPCH by the UEs for NRT.	Sum, nkrttbh, tot
inter_freq_ho_decisions_after_comp_mode_meas_due_to_imsi_for_nrt	nok_nkrnc_isyhhoitenrt_tab.ty41pslahl26seccb00hw01qk4	INT8	#	The number of inter-frequency HHO decisions after measuring without compressed mode due to IMSI - for UEs with an NRT connection.	Sum, nkrttbh, tot
inter_freq_ho_decisions_after_comp_	nok_nkrnc_isyhhoitenrt_tab.tw6u1a2ahl26seccb00hw	INT8	#	Number of started inter frequency HHO	Sum, nkrttbh,

mode_meas_due_to_ue_trx_pwr_for_nrt	01qk4			measurements with compressed mode due to UE transmission power approaches its maximum power capability.	tot
inter_freq_ho_decisions_after_comp_mode_meas_due_to_ul_dch_qual_for_nrt	nok_nkrnc_isyhhoitenrt_tab.tw5o1ptahl26seccb00hw01qk4	INT8	#	Number of started inter frequency HHO measurements with compressed mode due to quality deterioration report from outer loop power control by the UEs for NRT.	Sum, nkrttbh, tot
inter_freq_ho_decisions_after_meas_without_comp_mode_due_to_cpich_ecno_for_nrt	nok_nkrnc_isyhhoitenrt_tab.twjmnudahl26seccb00hw01qk4	INT8	#	Number of started inter frequency HHO measurements without compressed mode due to low measured CPICH Ec/No by the UEs for NRT.	Sum, nkrttbh, tot
inter_freq_ho_decisions_after_meas_without_comp_mode_due_to_cpich_rscp_for_nrt	nok_nkrnc_isyhhoitenrt_tab.twi62qdahl26seccb00hw01qk4	INT8	#	Number of started inter frequency HHO measurements without compressed mode due to low measured CPICH RSCP by the UEs for NRT.	Sum, nkrttbh, tot
inter_freq_ho_decisions_after_meas_without_comp_mode_due_to_dl_dpch_pwr_for_nrt	nok_nkrnc_isyhhoitenrt_tab.twgycw2ahl26seccb00hw01qk4	INT8	#	Number of started inter frequency HHO measurements without compressed mode due to DL DPCH by the UEs for NRT.	Sum, nkrttbh, tot
inter_freq_ho_decisions_after_meas_without_comp_mode_due_to_imsi_fo	nok_nkrnc_isyhhoitenrt_tab.ty5ars6ahl26seccb00hw01qk4	INT8	#	The number of inter-frequency HHO decisions after measuring without	Sum, nkrttbh, tot

r_nrt				compressed mode due to IMSI - for UEs with an NRT connection.	
inter_freq_ho_decisions_after_meas_without_comp_mode_due_to_ue_trx_pwr_for_nrt	nok_nkrnc_isyhhoitenrt_tab.twfrqu2ahl26seccb00hw01qk4	INT8	#	Number of started inter frequency HHO measurements without compressed mode due to UE transmission power approaches its maximum power capability.	Sum, nkrttbh, tot
inter_freq_ho_decisions_after_meas_without_comp_mode_due_to_ul_dch_qual_for_nrt	nok_nkrnc_isyhhoitenrt_tab.tweljahahl26seccb00hw01qk4	INT8	#	Number of started inter frequency HHO measurements without compressed mode due to quality deterioration report from outer loop power control by the UEs for NRT.	Sum, nkrttbh, tot
inter_rnc_inter_freq_ho_attempts_for_nrt	nok_nkrnc_isyhhoitenrt_tab.txsshdhahl26seccb00hw01qk4	INT8	#	Inter RNC inter BTS inter frequency HHO attempts for NRT.	Sum, nkrttbh, tot
intra_rnc_inter_bts_inter_freq_ho_attempts_for_nrt	nok_nkrnc_isyhhoitenrt_tab.txny5tdahl26seccb00hw01qk4	INT8	#	Intra RNC inter BTS inter frequency HHO attempts for NRT.	Sum, nkrttbh, tot
intra_rnc_intra_bts_inter_freq_ho_attempts_for_nrt	nok_nkrnc_isyhhoitenrt_tab.txj10a2ahl26seccb00hw01qk4	INT8	#	Intra RNC intra BTS inter frequency HHO attempts for NRT.	Sum, nkrttbh, tot
load_based_ifho_attempts_caused_by_capa_rejection_dl_for_nrt	nok_nkrnc_isyhhoitenrt_tab.xpkmelxafq2ahdvuj02uauibev	INTEGER	#	The number of Load Based inter-frequency handover attempts due to CapaReqRejRateDL >	Sum, nkrttbh, tot

This edition applies to IBM® Tivoli® Netcool® Performance Manager for Wireless and to all subsequent releases and modifications until otherwise indicated in new editions.

				LHOcapaReqRejRate DL - by UEs with NRT connection.	
load_based_ifho_attempts_caused_by_capa_rejection_ul_for_nrt	nok_nkrnc_isyhhoitenrt_tab.xpkmelvafq2ahdvuj02uauibev	INTEGER	#	The number of Load Based inter-frequency handover attempts due to CapaReqRejRateUL > LHOcapaReqRejRate UL - by UEs with NRT connection.	Sum, nkrttbh, tot
load_based_ifho_attempts_caused_by_hw_or_logical_resource_limitation_for_nrt	nok_nkrnc_isyhhoitenrt_tab.xpkmem2afq2ahdvuj02uauibev	INTEGER	#	The number of Load Based inter-frequency handover attempts due to HW or logical resource limitation - by UEs with NRT connection.	Sum, nkrttbh, tot
load_based_ifho_attempts_caused_by_prxtotal_for_nrt	nok_nkrnc_isyhhoitenrt_tab.xpkmelrafq2ahdvuj02uauibev	INTEGER	#	The number of Load Based inter-frequency handover attempts due to PrxTotal > PrxTarget + LHOpwrOffsetUL - by UEs with NRT connection.	Sum, nkrttbh, tot
load_based_ifho_attempts_caused_by_ptxtotal_for_nrt	nok_nkrnc_isyhhoitenrt_tab.xpkmeltafq2ahdvuj02uauibev	INTEGER	#	The number of Load Based inter-frequency handover attempts due to PtxTotal > PtxTarget + LHOpwrOffsetDL - by UEs with NRT connection.	Sum, nkrttbh, tot
load_based_ifho_attempts_caused_by_reservation_rate_sc_for_nrt	nok_nkrnc_isyhhoitenrt_tab.xpkmem0afq2ahdvuj02uauibev	INTEGER	#	The number of Load Based inter-frequency handover attempts due to ReservationRateSC > LHOresRateSC - by UEs with NRT	Sum, nkrttbh, tot

				connection.	
load_based_ifho_meas_with_com_mod_due_to_capa_rejection_dl_for_nrt	nok_nkrnc_isyhhoitenrt_tab.xpkmejpafq2ahdvuj02uauibev	INTEGER	#	The number of Load Based inter-frequency HHO decisions after measuring with compressed mode due to CapaReqRejRateDL > LHOcapaReqRejRateDL - by UEs with NRT connection.	Sum, nkrttbh, tot
load_based_ifho_meas_with_com_mod_due_to_capa_rejection_ul_for_nrt	nok_nkrnc_isyhhoitenrt_tab.xpkmejnafq2ahdvuj02uauibev	INTEGER	#	The number of Load Based inter-frequency HHO decisions after measuring with compressed mode due to CapaReqRejRateUL > LHOcapaReqRejRateUL - by UEs with NRT connection.	Sum, nkrttbh, tot
load_based_ifho_meas_with_com_mod_due_to_hw_or_logical_resource_limitation_for_nrt	nok_nkrnc_isyhhoitenrt_tab.xpkmejtafq2ahdvuj02uauibev	INTEGER	#	The number of Load Based inter-frequency HHO decisions after measuring with compressed mode due to HW or logical resource limitation - by UEs with NRT connection.	Sum, nkrttbh, tot
load_based_ifho_meas_with_com_mod_due_to_prxto	nok_nkrnc_isyhhoitenrt_tab.xpkmejjafq2ahdvuj02uauibev	INTEGER	#	The number of Load Based inter-frequency HHO	Sum, nkrttbh, tot

tal_for_nrt				decisions after measuring with compressed mode due to PrxTotal > PrxTarget + LHOpwrOffsetUL - by UEs with NRT connection.	
load_based_ifho_meas_with_com_mod_due_to_ptxtotal_for_nrt	nok_nkrnc_isyhhoitenrt_tab.xpkmejlafq2ahdvuj02uauibev	INTEGER	#	The number of Load Based inter-frequency HHO decisions after measuring with compressed mode due to PtxTotal > PtxTarget + LHOpwrOffsetDL - by UEs with NRT connection.	Sum, nkrttbh, tot
load_based_ifho_meas_with_com_mod_due_to_reservation_rate_sc_for_nrt	nok_nkrnc_isyhhoitenrt_tab.xpkmejrafq2ahdvuj02uauibev	INTEGER	#	The number of Load Based inter-frequency HHO decisions after measuring with compressed mode due to ReservationRateSC > LHOresRateSC - by UEs with NRT connection.	Sum, nkrttbh, tot
load_based_ifho_meas_without_com_mod_due_to_capa_rejection_dl_for_nrt	nok_nkrnc_isyhhoitenrt_tab.xpkmekhafq2ahdvuj02uauibev	INTEGER	#	The number of Load Based inter-frequency HHO decisions after measuring without compressed mode due to CapaReqRejRateDL > LHOcapaReqRejRateDL - by UEs with NRT connection.	Sum, nkrttbh, tot
load_based_ifho_	nok_nkrnc_isyhhoitenrt_ta	INTEG	#	The number of Load	Sum,

meas_without_com_mod_due_to_capa_rejection_ul_for_nrt	b.xpkmekfafq2ahdvuj02uauibev	ER		Based inter-frequency HHO decisions after measuring without compressed mode due to CapaReqRejRateUL > LHOcapaReqRejRateUL - by UEs with NRT connection.	nkrttbh, tot
load_based_ifho_meas_without_com_mod_due_to_hw_or_logical_resource_limitation_for_nrt	nok_nkrnc_isyhhoitenrt_tab.xpkmeklafq2ahdvuj02uauibev	INTEGER	#	The number of Load Based inter-frequency HHO decisions after measuring without compressed mode due to HW or logical resource limitation - by UEs with NRT connection.	Sum, nkrttbh, tot
load_based_ifho_meas_without_com_mod_due_to_prxtotal_for_nrt	nok_nkrnc_isyhhoitenrt_tab.xpkmekbafq2ahdvuj02uauibev	INTEGER	#	The number of Load Based inter-frequency HHO decisions after measuring without compressed mode due to PrxTotal > PrxTarget + LHOpwrOffsetUL - by UEs with NRT connection.	Sum, nkrttbh, tot
load_based_ifho_meas_without_com_mod_due_to_ptxtotal_for_nrt	nok_nkrnc_isyhhoitenrt_tab.xpkmekdafq2ahdvuj02uauibev	INTEGER	#	The number of Load Based inter-frequency HHO decisions after measuring without compressed mode due to PtxTotal >	Sum, nkrttbh, tot

				PtxTarget + LHOpwrOffsetDL - by UEs with NRT connection.	
load_based_ifho_meas_without_com_mod_due_to_reservation_rate_sc_for_nrt	nok_nkrnc_isyhhoitenrt_tab.xpkmekjafq2ahdvuj02uauibev	INTEGER	#	The number of Load Based inter-frequency HHO decisions after measuring without compressed mode due to ReservationRateSC > LHOresRateSC - by UEs with NRT connection.	Sum, nkrttbh, tot
not_started_inter_freq_hho_bec_of_no_cell_good_enough_due_to_cpich_ecno_for_nrt	nok_nkrnc_isyhhoitenrt_tab.twpr53pahl26seccb00hw01qk4	INT8	#	When no neighbouring cell is good enough for inter frequency HHO for NRT, and the inter frequency measurement was triggered due to low measured CPICH Ec/No.	Sum, nkrttbh, tot
not_started_inter_freq_hho_bec_of_no_cell_good_enough_due_to_cpich_rscp_for_nrt	nok_nkrnc_isyhhoitenrt_tab.twojx2hahl26seccb00hw01qk4	INT8	#	When no neighbouring cell is good enough for inter frequency HHO for NRT, and the inter frequency measurement was triggered due to low measured CPICH RSCP.	Sum, nkrttbh, tot
not_started_inter_freq_hho_bec_of_no_cell_good_enough_due_to_dl_dpch_pwr_for_nrt	nok_nkrnc_isyhhoitenrt_tab.twn6oatahl26seccb00hw01qk4	INT8	#	When no neighbouring cell is good enough for inter frequency HHO for NRT, and the inter frequency measurement was triggered due to DL	Sum, nkrttbh, tot

				DPCH.	
not_started_inter_freq_hho_bec_of_no_cell_good_enough_due_to_imsi_for_nrt	nok_nkrnc_isyhhoitenrt_tab.ty6g4rhahl26seccb00hw01qk4	INT8	#	The number of times when an inter-frequency HHO measurement due to IMSI ends without making an inter-frequency HHO attempt, because no cell is good enough for inter- frequency HHO - for UEs with NRT connection.	Sum, nkrttbh, tot
not_started_inter_freq_hho_bec_of_no_cell_good_enough_due_to_ue_trx_pwr_for_nrt	nok_nkrnc_isyhhoitenrt_tab.twm16a2ahl26seccb00hw01qk4	INT8	#	When no neighbouring cell is good enough for inter frequency HHO for NRT, and the inter frequency measurement was triggered due to UE transmission power approaches its maximum power capability.	Sum, nkrttbh, tot
not_started_inter_freq_hho_bec_of_no_cell_good_enough_due_to_ul_dch_qual_for_nrt	nok_nkrnc_isyhhoitenrt_tab.twku51pahl26seccb00hw01qk4	INT8	#	When no neighbouring cell is good enough for inter frequency HHO for NRT, and the inter frequency measurement was triggered by a quality deterioration report from outer loop power control.	Sum, nkrttbh, tot
not_started_load_based_ifho_because	nok_nkrnc_isyhhoitenrt_tab.xpkmel4afq2ahdvuj02ua	INTEGER	#	The number of times when an inter-	Sum, nkrttbh,

_no_cell_good_enough_due_to_capa_rejection_ul_for_nrt	uibev			frequency HHO measurement due to Load Based HO reason CapaReqRejRateUL > LHOcapaReqRejRateUL ends without making an inter-frequency HHO attempt, because no cell is good enough for inter-frequency HHO - for UEs with NRT connection.	tot
not_started_load_based_ifho_because_no_cell_good_enough_due_to_prxtotal_for_nrt	nok_nkrnc_isyhhoitenrt_tab.xpkmel0afq2ahdvuj02uauibev	INTEGER	#	The number of times when an inter-frequency HHO measurement due to Load Based HO reason PrxTotal > PrxTarget + LHOpwrOffsetUL ends without making an inter- frequency HHO attempt, because no cell is good enough for inter-frequency HHO - for UEs with NRT connection.	Sum, nkrttbh, tot
not_started_load_based_ifho_because_no_cell_good_enough_due_to_ptxtotal_for_nrt	nok_nkrnc_isyhhoitenrt_tab.xpkmel2afq2ahdvuj02uauibev	INTEGER	#	The number of times when an inter-frequency HHO measurement due to Load Based HO reason PtxTotal > PtxTarget + LHOpwrOffsetDL ends without making an inter- frequency HHO attempt, because no cell is good enough for inter-frequency HHO	Sum, nkrttbh, tot

				- for UEs with NRT connection.	
not_started_load_based_ifho_because_no_cell_good_enough_due_to_reservation_rate_sc_for_nrt	nok_nkrnc_isyhhoitenrt_tab.xpkmelbafq2ahdvuj02uauibev	INTEGER	#	The number of times when an inter-frequency HHO measurement due to Load Based HO reason ReservationRateSC > LHOresRateSC ends without making an inter-frequency HHO attempt, because no cell is good enough for inter- frequency HHO - for UEs with NRT connection.	Sum, nkrttbh, tot
not_started_load_based_ifho_no_cell_good_enough_due_hw_or_logical_resource_limit_for_nrt	nok_nkrnc_isyhhoitenrt_tab.xpkmeldafq2ahdvuj02uauibev	INTEGER	#	[not_started_load_based_ifho_because_no_cell_good_enough_due_to_hw_or_logical_resource_limitation_for_nrt] - The number of times when an inter-frequency HHO measurement due to Load Based HO reason HW or logical resource limitation ends without making an inter-frequency HHO attempt, because no cell is good enough for inter- frequency HHO - for UEs with NRT connection.	Sum, nkrttbh, tot
not_started_servic	nok_nkrnc_isyhhoitenrt_ta	INTEG	#	The number of times	Sum,

e_based_ifho_because_no_cell_good_enough_for_nrt	b.xpkmelfafq2ahdvuj02uauibev	ER		when an inter-frequency HHO measurement due to Service Based ends without making an inter-frequency HHO attempt, because no cell is good enough for inter-frequency HHO - for UEs with NRT connection.	nkrttbh, tot
rrc_con_nection_drops_ifho_caused_by_capa_rejection_dl_for_nrt	nok_nkrnc_isyhhoitenrt_tab.xvm0pmtafq2ahdvuj02uauibev	INTEGER	#	The number of RRC connection drops during Load Based inter- frequency handover due to CapaReqRejRateDL > LHOcapaReqRejRateDL - by UEs with NRT connection.	Sum, nkrttbh, tot
rrc_conn_drops_during_inter_rnc_inter_freq_ho_for_nrt	nok_nkrnc_isyhhoitenrt_tab.txwbac6ahl26seccb00hw01qk4	INT8	#	RRC connection drops during inter RNC inter BTS intra frequency HHOs for NRT.	Sum, nkrttbh, tot
rrc_conn_drops_during_intra_rnc_inter_bts_inter_freq_ho_for_nrt	nok_nkrnc_isyhhoitenrt_tab.txrl4fpahl26seccb00hw01qk4	INT8	#	RRC connection drops during intra RNC inter BTS inter frequency HHOs for NRT.	Sum, nkrttbh, tot
rrc_conn_drops_during_intra_rnc_intra_bts_inter_freq_ho_for_nrt	nok_nkrnc_isyhhoitenrt_tab.txmrof6ahl26seccb00hw01qk4	INT8	#	RRC connection drops during intra RNC intra BTS inter frequency HHOs for NRT.	Sum, nkrttbh, tot
rrc_connection_drops_during_ifho_caused_by_hw_or_logical_resource_limitation_for_nrt	nok_nkrnc_isyhhoitenrt_tab.xvm0pmxafq2ahdvuj02uauibev	INTEGER	#	The number of RRC connection drops during Load Based inter- frequency handover due to HW or logical resource limitation - by UEs	Sum, nkrttbh, tot

				with NRT connection.	
rrc_connection_drops_during_ifho_caused_by_reservation_rate_sc_for_nrt	nok_nkrnc_isyhhoitenrt_tab.xvm0pmvafq2ahdvuj02uauibev	INTEGER	#	The number of RRC connection drops during Load Based inter- frequency handover due to ReservationRateSC > LHOresRateSC - by UEs with NRT connection.	Sum, nkrttbh, tot
rrc_connection_drops_during_inter_freq_ho_caused_by_cpich_ecno_for_nrt	nok_nkrnc_isyhhoitenrt_tab.txhuibhahl26seccb00hw01qk4	INT8	#	RRC connection drops during inter frequency hard handovers caused by low measured absolute CPICH Ec/No for NRT.	Sum, nkrttbh, tot
rrc_connection_drops_during_inter_freq_ho_caused_by_cpich_rscp_for_nrt	nok_nkrnc_isyhhoitenrt_tab.txd0l5lahl26seccb00hw01qk4	INT8	#	RRC connection drops during inter frequency hard handovers caused by low measured absolute CPICH RSCP for NRT.	Sum, nkrttbh, tot
rrc_connection_drops_during_inter_freq_ho_caused_by_dl_dpch_pwr_for_nrt	nok_nkrnc_isyhhoitenrt_tab.tx52cvpahl26seccb00hw01qk4	INT8	#	RRC connection drops during inter frequency hard handovers caused by DL DPCH approaching maximum power capability for NRT.	Sum, nkrttbh, tot
rrc_connection_drops_during_inter_freq_ho_caused_by_imsi_for_nrt	nok_nkrnc_isyhhoitenrt_tab.ty2tb2pahl26seccb00hw01qk4	INT8	#	The number of RRC connection drops during inter-frequency handover caused by IMSI for	Sum, nkrttbh, tot

				NRT.	
rrc_connection_drops_during_inter_freq_ho_caused_by_ue_trx_pwr_for_nrt	nok_nkrnc_isyhhoitenrt_tab.tx0e1cxahl26seccb00hw01qk4	INT8	#	RRC connection drops during inter frequency hard handovers caused by UE transmission power approaching maximum power capability for NRT.	Sum, nkrttbh, tot
rrc_connection_drops_during_inter_freq_ho_caused_by_ul_dch_qual_for_nrt	nok_nkrnc_isyhhoitenrt_tab.twubqdhahl26seccb00hw01qk4	INT8	#	RRC connection drops during inter frequency hard handovers caused by UL DCH quality deterioration for NRT.	Sum, nkrttbh, tot
rrc_connection_drops_during_load_based_ifho_caused_by_prxtotal_for_nrt	nok_nkrnc_isyhhoitenrt_tab.xvm0pmnafq2ahdvuj02uauibev	INTEGER	#	The number of RRC connection drops during Load Based inter- frequency handover due to PrxTotal > PrxTarget + LHOpwrOffsetUL - by UEs with NRT connection.	Sum, nkrttbh, tot
rrc_connection_drops_during_load_based_ifho_caused_by_ptxtotal_for_nrt	nok_nkrnc_isyhhoitenrt_tab.xvm0pmpafq2ahdvuj02uauibev	INTEGER	#	The number of RRC connection drops during Load Based inter- frequency handover due to PtxTotal > PtxTarget + LHOpwrOffsetDL - by UEs with NRT connection.	Sum, nkrttbh, tot
rrc_connection_drops_during_service_based_ifho_for_nrt	nok_nkrnc_isyhhoitenrt_tab.xvm0pn0afq2ahdvuj02uauibev	INTEGER	#	The number of RRC connection drops during Service Based inter-frequency handover - by UEs with NRT connection.	Sum, nkrttbh, tot
rrc_connection_dr	nok_nkrnc_isyhhoitenrt_ta	INTEG	#	The number of RRC	Sum,

ops_ifho_caused_by_capa_rejection_ul_for_nrt	b.xvm0pmrafq2ahdvuj02uauibev	ER		connection drops during Load Based inter- frequency handover due to CapaReqRejRateUL > LHOcapaReqRejRateUL - by UEs with NRT connection.	nkrttbh, tot
service_based_ifho_attempts_for_nrt	nok_nkrnc_isyhhoitenrt_tab.xpkmem4afq2ahdvuj02uauibev	INTEGER	#	The number of Service Based inter-frequency handover attempts - by UEs with NRT connection.	Sum, nkrttbh, tot
service_based_ifho_meas_with_com_mod_for_nrt	nok_nkrnc_isyhhoitenrt_tab.xpkmejvafq2ahdvuj02uauibev	INTEGER	#	The number of Service Based inter-frequency HHO decisions after measuring with compressed mode - by UEs with NRT connection.	Sum, nkrttbh, tot
service_based_ifho_meas_without_com_mod_for_nrt	nok_nkrnc_isyhhoitenrt_tab.xpkmeknafq2ahdvuj02uauibev	INTEGER	#	The number of Service Based inter-frequency HHO decisions after measuring without compressed mode - by UEs with NRT connection.	Sum, nkrttbh, tot
successful_ifho_caused_by_capa_rejection_dl_for_nrt	nok_nkrnc_isyhhoitenrt_tab.xvm0pldafq2ahdvuj02uauibev	INTEGER	#	The number of successful Load Based inter-frequency handover due to CapaReqRejRateDL >	Sum, nkrttbh, tot

This edition applies to IBM® Tivoli® Netcool® Performance Manager for Wireless and to all subsequent releases and modifications until otherwise indicated in new editions.

				LHOcapaReqRejRate DL - by UEs with NRT connection.	
successful_ifho_caused_by_capa_rejection_ul_for_nrt	nok_nkrnc_isyhhoitenrt_tab.xvm0plbafq2ahdvuj02uauibev	INTEGER	#	The number of successful Load Based inter-frequency handover due to CapaReqRejRateUL > LHOcapaReqRejRate UL - by UEs with NRT connection.	Sum, nkrttbh, tot
successful_ifho_caused_by_hw_or_logical_resource_limitation_for_nrt	nok_nkrnc_isyhhoitenrt_tab.xvm0plhafq2ahdvuj02uauibev	INTEGER	#	The number of successful Load Based inter-frequency handover due to HW or logical resource limitation - by UEs with NRT connection.	Sum, nkrttbh, tot
successful_ifho_caused_by_reservation_rate_sc_for_nrt	nok_nkrnc_isyhhoitenrt_tab.xvm0plfafq2ahdvuj02uauibev	INTEGER	#	The number of successful Load Based inter-frequency handover due to ReservationRateSC > LHOresRateSC - by UEs with NRT connection.	Sum, nkrttbh, tot
successful_inter_freq_handovers_caused_by_cpich_ecno_for_nrt	nok_nkrnc_isyhhoitenrt_tab.txfioh6ahl26seccb00hw01qk4	INT8	#	Successful inter frequency hard handovers caused by low measured absolute CPICH Ec/No for NRT.	Sum, nkrttbh, tot
successful_inter_freq_handovers_caused_by_cpich_rscp_for_nrt	nok_nkrnc_isyhhoitenrt_tab.txal50hahl26seccb00hw01qk4	INT8	#	Successful inter frequency hard handovers caused by low measured absolute CPICH RSCP for NRT.	Sum, nkrttbh, tot

successful_inter_freq_handovers_caused_by_dl_dpch_pwr_for_nrt	nok_nkrnc_isyhhoitenrt_tab.tx2qpclahl26seccb00hw01qk4	INT8	#	Successful inter frequency hard handovers caused by DL DPCH approaching maximum power capability for NRT.	Sum, nkrttbh, tot
successful_inter_freq_handovers_caused_by_imsi_for_nrt	nok_nkrnc_isyhhoitenrt_tab.txym0ltahl26seccb00hw01qk4	INT8	#	The number of successful inter-frequency handovers caused by IMSI for NRT.	Sum, nkrttbh, tot
successful_inter_freq_handovers_caused_by_ue_trx_pwr_for_nrt	nok_nkrnc_isyhhoitenrt_tab.twwjd3hahl26seccb00hw01qk4	INT8	#	Successful inter frequency hard handovers caused by UE transmission power approaching maximum power capability for NRT.	Sum, nkrttbh, tot
successful_inter_freq_handovers_caused_by_ul_dch_qual_for_nrt	nok_nkrnc_isyhhoitenrt_tab.tws1142ahl26seccb00hw01qk4	INT8	#	Successful inter frequency hard handovers caused by UL DCH quality deterioration for NRT.	Sum, nkrttbh, tot
successful_inter_rnc_inter_freq_ho_for_nrt	nok_nkrnc_isyhhoitenrt_tab.txtyip2ahl26seccb00hw01qk4	INT8	#	Successful inter RNC inter BTS inter frequency HHOs for NRT.	Sum, nkrttbh, tot
successful_intra_rnc_inter_bts_inter_freq_ho_for_nrt	nok_nkrnc_isyhhoitenrt_tab.txp5sbpahl26seccb00hw01qk4	INT8	#	Successful intra RNC inter BTS inter frequency HHOs for NRT.	Sum, nkrttbh, tot
successful_intra_rnc_intra_bts_inter_freq_ho_for_nrt	nok_nkrnc_isyhhoitenrt_tab.txk56wtahl26seccb00hw01qk4	INT8	#	Successful intra RNC inter BTS inter frequency HHOs for NRT.	Sum, nkrttbh, tot

successful_load_based_ifho_caused_by_prxtotal_for_nrt	nok_nkrnc_isyhhoitenrt_tab.xvm0pl4afq2ahdvuj02uauibev	INTEGER	#	The number of successful Load Based inter-frequency handover due to PrxTotal > PrxTarget + LHOpwrOffsetUL - by UEs with NRT connection.	Sum, nkrttbh, tot
successful_load_based_ifho_caused_by_ptxtotal_for_nrt	nok_nkrnc_isyhhoitenrt_tab.xvm0pl6afq2ahdvuj02uauibev	INTEGER	#	The number of successful Load Based inter-frequency handover due to PtxTotal > PtxTarget + LHOpwrOffsetDL - by UEs with NRT connection.	Sum, nkrttbh, tot
successful_service_based_ifho_for_nrt	nok_nkrnc_isyhhoitenrt_tab.xvm0pljafq2ahdvuj02uauibev	INTEGER	#	The number of successful Service Based inter-frequency handover - by UEs with NRT connection.	Sum, nkrttbh, tot
unsuccessful_ifho_caused_by_capa_rejection_dl_for_nrt	nok_nkrnc_isyhhoitenrt_tab.xvm0pm2afq2ahdvuj02uauibev	INTEGER	#	The number of unsuccessful Load Based inter-frequency handovers due to CapaReqRejRateDL > LHOcapaReqRejRateDL - by UEs with NRT connection. --- If the UE fails to establish the physical channel(s) indicated in the handover command, the UE will revert to the configuration prior to the reception of the handover command (old configuration)	Sum, nkrttbh, tot

				and transmit a failure message to the source RNC. The hard handover procedure ends and the UE resumes the normal operation as if no hard handover attempt had occurred.	
unsuccessful_ifho_caused_by_capa_rejection_ul_for_nrt	nok_nkrnc_isyhhoitenrt_tab.xvm0pm0afq2ahdvuj02uauibev	INTEGER	#	The number of unsuccessful Load Based inter-frequency handovers due to CapaReqRejRateUL > LHOcapaReqRejRateUL - by UEs with NRT connection. --- If the UE fails to establish the physical channel(s) indicated in the handover command, the UE will revert to the configuration prior to the reception of the handover command (old configuration) and transmit a failure message to the source RNC. The hard handover procedure ends and the UE resumes the normal operation as if no hard handover attempt had occurred.	Sum, nkrttbh, tot
unsuccessful_ifho_caused_by_hw_or	nok_nkrnc_isyhhoitenrt_tab.xvm0pm6afq2ahdvuj02u	INTEGER	#	The number of unsuccessful Load	Sum, nkrttbh,

_logical_resource_limitation_for_nrt	auibev			Based inter-frequency handovers due to HW or logical resource limitation - by UEs with NRT connection. --- If the UE fails to establish the physical channel(s) indicated in the handover command, the UE will revert to the configuration prior to the reception of the handover command (old configuration) and transmit a failure message to the source RNC. The hard handover procedure ends and the UE resumes the normal operation as if no hard handover attempt had occurred.	tot
unsuccessful_ifho_caused_by_reservation_rate_sc_for_nrt	nok_nkrnc_isyhhoitenrt_tab.xvm0pm4afq2ahdvuj02uauibev	INTEGER	#	The number of unsuccessful Load Based inter-frequency handovers due to ReservationRateSC > LHOresRateSC - by UEs with NRT connection. --- If the UE fails to establish the physical channel(s) indicated in the handover command, the UE will revert to the configuration prior to the reception of the handover command (old configuration) and transmit a failure	Sum, nkrttbh, tot

				message to the source RNC. The hard handover procedure ends and the UE resumes the normal operation as if no hard handover attempt had occurred.	
unsuccessful_inter_freq_handovers_caused_by_cpich_ecno_for_nrt	nok_nkrnc_isyhhoitenrt_tab.txgphmpahl26seccb00hw01qk4	INT8	#	Unsuccessful inter frequency hard handovers caused by low measured absolute CPICH Ec/No for NRT.	Sum, nkrttbh, tot
unsuccessful_inter_freq_handovers_caused_by_cpich_rscp_for_nrt	nok_nkrnc_isyhhoitenrt_tab.txbrxnxahl26seccb00hw01qk4	INT8	#	Unsuccessful inter frequency hard handovers caused by low measured absolute CPICH RSCP for NRT.	Sum, nkrttbh, tot
unsuccessful_inter_freq_handovers_caused_by_dl_dpch_pwr_for_nrt	nok_nkrnc_isyhhoitenrt_tab.tx3w2b6ahl26seccb00hw01qk4	INT8	#	Unsuccessful inter frequency hard handovers caused by DL DPCH approaching maximum power capability for NRT.	Sum, nkrttbh, tot
unsuccessful_inter_freq_handovers_caused_by_imsi_for_nrt	nok_nkrnc_isyhhoitenrt_tab.ty0ojupahl26seccb00hw01qk4	INT8	#	The number of unsuccessful inter-frequency handovers caused by IMSI for NRT. If the UE fails to establish the physical channel(s) indicated in the handover command, the UE will revert to the configuration	Sum, nkrttbh, tot

				prior to the reception of the handover command (old configuration) and transmit a failure message to the source RNC. The hard handover procedure ends and the UE resumes the normal operation as if no hard handover attempt had occurred.	
unsuccessful_inter_freq_handovers_caused_by_ue_trx_pwr_for_nrt	nok_nkrnc_isyhhoitenrt_tab.twy4n3lahl26seccb00hw01qk4	INT8	#	Unsuccessful inter frequency hard handovers caused by UE transmission power approaching maximum power capability for NRT.	Sum, nkrttbh, tot
unsuccessful_inter_freq_handovers_caused_by_ul_dch_qual_for_nrt	nok_nkrnc_isyhhoitenrt_tab.twt52v2ahl26seccb00hw01qk4	INT8	#	Unsuccessful inter frequency hard handovers caused by UL DCH quality deterioration for NRT.	Sum, nkrttbh, tot
unsuccessful_inter_rnc_inter_freq_ho_for_nrt	nok_nkrnc_isyhhoitenrt_tab.txv3ksdahl26seccb00hw01qk4	INT8	#	Unsuccessful inter RNC inter BTS inter frequency HHOs for NRT.	Sum, nkrttbh, tot
unsuccessful_intra_rnc_inter_bts_inter_freq_ho_for_nrt	nok_nkrnc_isyhhoitenrt_tab.txqf60pahl26seccb00hw01qk4	INT8	#	Unsuccessful intra RNC inter BTS inter frequency HHOs for NRT.	Sum, nkrttbh, tot
unsuccessful_intra_rnc_intra_bts_inter_freq_ho_for_nrt	nok_nkrnc_isyhhoitenrt_tab.txlkuuhahl26seccb00hw01qk4	INT8	#	Unsuccessful intra RNC intra BTS inter frequency HHOs for NRT.	Sum, nkrttbh, tot
unsuccessful_load_based_ifho_caused_by_prxtotal_for_nrt	nok_nkrnc_isyhhoitenrt_tab.xvm0plvafq2ahdvuj02uauibev	INTEGER	#	The number of unsuccessful Load Based inter-frequency handovers	Sum, nkrttbh, tot

				due to PrxTotal > PrxTarget + LHOpwrOffsetUL - by UEs with NRT connection. -- - If the UE fails to establish the physical channel(s) indicated in the handover command, the UE will revert to the configuration prior to the reception of the handover command (old configuration) and transmit a failure message to the source RNC. The hard handover procedure ends and the UE resumes the normal operation as if no hard handover attempt had occurred.	
unsuccessful_load_based_ifho_caused_by_ptxtotal_for_nrt	nok_nkrnc_isyhhoitenrt_tab.xvm0plxafq2ahdvuj02uauibev	INTEGER	#	The number of unsuccessful Load Based inter-frequency handovers due to PtxTotal > PtxTarget + LHOpwrOffsetDL - by UEs with NRT connection. -- - If the UE fails to establish the physical channel(s) indicated in the handover command, the UE will revert to the configuration prior to	Sum, nkrttbh, tot

				the reception of the handover command (old configuration) and transmit a failure message to the source RNC. The hard handover procedure ends and the UE resumes the normal operation as if no hard handover attempt had occurred.	
unsuccessful_service_based_ifho_for_nrt	nok_nkrnc_isyhhoitenrt_tab.xvm0pmbafq2ahdvuj02uauibev	INTEGER	#	The number of unsuccessful Service Based inter-frequency handovers - by UEs with NRT connection. --- If the UE fails to establish the physical channel(s) indicated in the handover command, the UE will revert to the configuration prior to the reception of the handover command (old configuration) and transmit a failure message to the source RNC. The hard handover procedure ends and the UE resumes the normal operation as if no hard handover attempt had occurred.	Sum, nkrttbh, tot

6.34.70RNC.Nokia.UMTS.intrasys_hho_inter_rt

RNC RT intra-system inter-frequency handover statistics

KPI Name	Expression	Data Type	Units	Description	Aggregation

_%_successful_ifho_caused_by_capa_rejection_dl_for_rt	100 * {successful_ifho_caused_by_capa_rejection_dl_for_rt}/ {load_based_ifho_attempts_caused_by_capa_rejection_dl_for_rt}	FLOAT	%	The percentage of successful Load Based inter-frequency handovers due to CapaReqRejRateDL more than LHOcapaReqRejRateDL - by UEs with RT connection.	Average, avg, nkrttbh
_%_successful_ifho_caused_by_capa_rejection_ul_for_rt	100 * {successful_ifho_caused_by_capa_rejection_ul_for_rt}/ {load_based_ifho_attempts_caused_by_capa_rejection_ul_for_rt}	FLOAT	%	The percentage of successful Load Based inter-frequency handovers due to CapaReqRejRateUL more than LHOcapaReqRejRateUL - by UEs with RT connection.	Average, avg, nkrttbh
_%_successful_inter_freq_handovers_caused_by_imsi_for_rt	100 * {successful_inter_freq_handovers_caused_by_imsi_for_rt}/ {inter_freq_ho_attempts_caused_by_imsi_for_rt}	FLOAT	%	Success rate for inter-frequency handover attempts caused by IMSI for RT.	Average, avg, nkrttbh
inter_freq_ho_attempts_caused_by_cpich_ecno_for_rt	nok_nkrnc_isyhhoitert_tab.u0gjdghahl26seccb00hw01qk4	INT8	#	Inter frequency HHO attempts caused by low measured absolute CPICH Ec/No for RT.	Sum, nkrttbh, tot
inter_freq_ho_attempts_caused_by_cpich_rscp_for_rt	nok_nkrnc_isyhhoitert_tab.u0b42g2ahl26seccb00hw01qk4	INT8	#	Inter frequency HHO attempts caused by low measured absolute CPICH RSCP for RT.	Sum, nkrttbh, tot
inter_freq_ho_attempts_caused_by_d	nok_nkrnc_isyhhoitert_tab.u03gvwhahl26seccb00hw0	INT8	#	Inter frequency HHO attempts caused by	Sum, nkrttbh,

l_dpch_pwr_for_rt	1qk4			DL DPCH approaching maximum power capability for RT.	tot
inter_freq_ho_attempts_caused_by_imsi_for_rt	nok_nkrnc_isyhhoitert_tab.u10s1xdahl26seccb00hw01qk4	INT8	#	The number of inter-frequency handover attempts caused by IMSI for RT.	Sum, nkrttbh, tot
inter_freq_ho_attempts_caused_by_ue_trx_pwr_for_rt	nok_nkrnc_isyhhoitert_tab.tyxki3tahl26seccb00hw01qk4	INT8	#	Inter frequency HHO attempts caused by UE transmission power approaching maximum power capability for RT.	Sum, nkrttbh, tot
inter_freq_ho_attempts_caused_by_ul_dch_qual_for_rt	nok_nkrnc_isyhhoitert_tab.tysuaadahl26seccb00hw01qk4	INT8	#	Inter frequency HHO attempts caused by UL DCH quality deterioration for RT.	Sum, nkrttbh, tot
inter_freq_ho_decisions_after_comp_mode_meas_due_to_cpich_ecno_for_rt	nok_nkrnc_isyhhoitert_tab.tyfjnmdahl26seccb00hw01qk4	INT8	#	Number of started inter frequency HHO measurements with compressed mode due to low measured CPICH Ec/No by the UEs for RT.	Sum, nkrttbh, tot
inter_freq_ho_decisions_after_comp_mode_meas_due_to_cpich_rscp_for_rt	nok_nkrnc_isyhhoitert_tab.tyeea5tahl26seccb00hw01qk4	INT8	#	Number of started inter frequency HHO measurements with compressed mode due to low measured CPICH RSCP by the UEs for RT.	Sum, nkrttbh, tot
inter_freq_ho_decisions_after_comp_mode_meas_due_to_dl_dpch_pwr_for_rt	nok_nkrnc_isyhhoitert_tab.tyd00bpahl26seccb00hw01qk4	INT8	#	Number of started inter frequency HHO measurements with compressed mode due to DL DPCH by the UEs for RT.	Sum, nkrttbh, tot
inter_freq_ho_decisions_after_comp_mode_meas_due_t	nok_nkrnc_isyhhoitert_tab.u16wyedahl26seccb00hw01qk4	INT8	#	The number of inter-frequency HHO decisions after	Sum, nkrttbh, tot

o_imsi_for_rt				measuring with compressed mode due to IMSI - for UEs with RT connection.	
inter_freq_ho_decisions_after_comp_mode_meas_due_to_ue_trx_pwr_for_rt	nok_nkrnc_isyhhoitert_tab.tybsn5dahl26seccb00hw01qk4	INT8	#	Number of started inter frequency HHO measurements with compressed mode due to UE transmission power approaches its maximum power capability.	Sum, nkrttbh, tot
inter_freq_ho_decisions_after_comp_mode_meas_due_to_ul_dch_qual_for_rt	nok_nkrnc_isyhhoitert_tab.tyamxpxahl26seccb00hw01qk4	INT8	#	Number of started inter frequency HHO measurements with compressed mode due to quality deterioration report from outerloop power control by the UEs for RT.	Sum, nkrttbh, tot
inter_freq_ho_decisions_after_meas_without_comp_mode_due_to_cpich_ecno_for_rt	nok_nkrnc_isyhhoitert_tab.tylrkc2ahl26seccb00hw01qk4	INT8	#	Number of started inter frequency HHO measurements without compressed mode due to low measured CPICH Ec/No by the UEs for RT.	Sum, nkrttbh, tot
inter_freq_ho_decisions_after_meas_without_comp_mode_due_to_cpich_rscp_for_rt	nok_nkrnc_isyhhoitert_tab.tykmqhhahl26seccb00hw01qk4	INT8	#	Number of started inter frequency HHO measurements without compressed mode due to low measured CPICH RSCP by the UEs for	Sum, nkrttbh, tot

This edition applies to IBM® Tivoli® Netcool® Performance Manager for Wireless and to all subsequent releases and modifications until otherwise indicated in new editions.

				RT.	
inter_freq_ho_decisions_after_meas_without_comp_mode_due_to_dl_dpch_pwr_for_rt	nok_nkrnc_isyhhoitert_tab.tyjfol6ahl26seccb00hw01qk4	INT8	#	Number of started inter frequency HHO measurements without compressed mode due to DL DPCH by the UEs for RT.	Sum, nkrttbh, tot
inter_freq_ho_decisions_after_meas_without_comp_mode_due_to_imsi_for_rt	nok_nkrnc_isyhhoitert_tab.u1b34yhahl26seccb00hw01qk4	INT8	#	The number of inter-frequency HHO decisions after measuring without compressed mode due to IMSI - for UEs with RT connection.	Sum, nkrttbh, tot
inter_freq_ho_decisions_after_meas_without_comp_mode_due_to_ue_trx_pwr_for_rt	nok_nkrnc_isyhhoitert_tab.tyhvd1lahl26seccb00hw01qk4	INT8	#	Number of started inter frequency HHO measurements without compressed mode due to UE transmission power approaches its maximum power capability.	Sum, nkrttbh, tot
inter_freq_ho_decisions_after_meas_without_comp_mode_due_to_ul_dch_qual_for_rt	nok_nkrnc_isyhhoitert_tab.tygqqhtahl26seccb00hw01qk4	INT8	#	Number of started inter frequency HHO measurements without compressed mode due to quality deterioration report from outerloop power control by the UEs for RT.	Sum, nkrttbh, tot
inter_rnc_inter_freq_ho_attempts_for_rt	nok_nkrnc_isyhhoitert_tab.u0uxbrhahl26seccb00hw01qk4	INT8	#	Inter RNC inter BTS inter frequency HHO attempts for RT.	Sum, nkrttbh, tot
intra_rnc_inter_bts_inter_freq_ho_attempts_for_rt	nok_nkrnc_isyhhoitert_tab.u0qbeptahl26seccb00hw01qk4	INT8	#	Intra RNC inter BTS inter frequency HHO attempts for RT.	Sum, nkrttbh, tot
intra_rnc_intra_bts	nok_nkrnc_isyhhoitert_tab.	INT8	#	Intra RNC intra BTS	Sum,

_inter_freq_ho_attempts_for_rt	u0ledxxahl26seccb00hw01qk4			inter frequency HHO attempts for RT.	nkrttbh, tot
load_based_ifho_attempts_caused_by_capa_rejection_dl_for_rt	nok_nkrnc_isyhhoitert_tab.uaqadan1im2ahsxr0035xkcuai	INTEGER	#	The number of Load Based inter-frequency handover attempts due to CapaReqRejRateDL more than LHOcapaReqRejRateDL - by UEs with RT connection.	Sum, nkrttbh, tot
load_based_ifho_attempts_caused_by_capa_rejection_ul_for_rt	nok_nkrnc_isyhhoitert_tab.uaqadal1im2ahsxr0035xkcuai	INTEGER	#	The number of Load Based inter-frequency handover attempts due to CapaReqRejRateUL more than LHOcapaReqRejRateUL - by UEs with RT connection.	Sum, nkrttbh, tot
load_based_ifho_attempts_caused_by_hw_or_logical_resource_limitation_for_rt	nok_nkrnc_isyhhoitert_tab.xpkmelnafq2ahdvuj02uauibev	INTEGER	#	The number of Load Based inter-frequency handover attempts due to HW or logical resource limitation - by UEs with RT connection.	Sum, nkrttbh, tot
load_based_ifho_attempts_caused_by_prxtotal_for_rt	nok_nkrnc_isyhhoitert_tab.xpkmelhafq2ahdvuj02uauibev	INTEGER	#	The number of Load Based inter-frequency handover attempts due to PrxTotal > PrxTarget + LHOpwrOffsetUL - by UEs with RT connection.	Sum, nkrttbh, tot
load_based_ifho_attempts_caused_by_ptxtotal_for_rt	nok_nkrnc_isyhhoitert_tab.xpkmeljafq2ahdvuj02uauibev	INTEGER	#	The number of Load Based inter-frequency handover	Sum, nkrttbh, tot

				attempts due to PtxTotal > PtxTarget + LHOpwrOffsetDL - by UEs with RT connection.	
load_based_ifho_attempts_caused_by_reservation_rate_sc_for_rt	nok_nkrnc_isyhhoitert_tab.xpkmellafq2ahdvuj02uauibev	INTEGER	#	The number of Load Based inter-frequency handover attempts due to ReservationRateSC > LHOresRateSC - by UEs with RT connection.	Sum, nkrttbh, tot
load_based_ifho_meas_with_com_mod_due_to_capa_rejection_dl_for_rt	nok_nkrnc_isyhhoitert_tab.uaqadab1im2ahsxr0035xkcuai	INTEGER	#	The number of Load Based inter-frequency HHO decisions after measuring with compressed mode due to CapaReqRejRateDL more than LHOcapaReqRejRateDL - by UEs with RT connection.	Sum, nkrttbh, tot
load_based_ifho_meas_with_com_mod_due_to_capa_rejection_ul_for_rt	nok_nkrnc_isyhhoitert_tab.uaqada61im2ahsxr0035xkcuai	INTEGER	#	The number of Load Based inter-frequency HHO decisions after measuring with compressed mode due to CapaReqRejRateUL more than LHOcapaReqRejRateUL - by UEs with RT connection.	Sum, nkrttbh, tot
load_based_ifho_meas_with_com_mod_due_to_hw_or_logical_resource_limitation_for_rt	nok_nkrnc_isyhhoitert_tab.xpkmejfafq2ahdvuj02uauibev	INTEGER	#	The number of Load Based inter-frequency HHO decisions after measuring with compressed mode	Sum, nkrttbh, tot

				due to HW or logical resource limitation - by UEs with RT connection.	
load_based_ifho_meas_with_com_mod_due_to_prxtotal_for_rt	nok_nkrnc_isyhhoitert_tab.xpkmej6afq2ahdvuj02uauibev	INTEGER	#	The number of Load Based inter-frequency HHO decisions after measuring with compressed mode due to PrxTotal > PrxTarget + LHOpwrOffsetUL - by UEs with RT connection.	Sum, nkrttbh, tot
load_based_ifho_meas_with_com_mod_due_to_ptxtotal_for_rt	nok_nkrnc_isyhhoitert_tab.xpkmejbafq2ahdvuj02uauibev	INTEGER	#	The number of Load Based inter-frequency HHO decisions after measuring with compressed mode due to PtxTotal > PtxTarget + LHOpwrOffsetDL - by UEs with RT connection.	Sum, nkrttbh, tot
load_based_ifho_meas_with_com_mod_due_to_reservation_rate_sc_for_rt	nok_nkrnc_isyhhoitert_tab.xpkmejdafq2ahdvuj02uauibev	INTEGER	#	The number of Load Based inter-frequency HHO decisions after measuring with compressed mode due to ReservationRateSC > LHOresRateSC - by UEs with RT connection.	Sum, nkrttbh, tot
load_based_ifho_	nok_nkrnc_isyhhoitert_tab.	INTEG	#	The number of Load	Sum,

meas_without_com_mod_due_to_capa_rejection_dl_for_rt	uaqadaf1im2ahsxr0035xkcuai	ER		Based inter-frequency HHO decisions after measuring without compressed mode due to CapaReqRejRateDL more than LHOcapaReqRejRateDL - by UEs with RT connection.	nkrttbh, tot
load_based_ifho_meas_without_com_mod_due_to_capa_rejection_ul_for_rt	nok_nkrnc_isyhhoitert_tab.uaqadad1im2ahsxr0035xkcuai	INTEGER	#	The number of Load Based inter-frequency HHO decisions after measuring without compressed mode due to CapaReqRejRateUL more than LHOcapaReqRejRateUL - by UEs with RT connection.	Sum, nkrttbh, tot
load_based_ifho_meas_without_com_mod_due_to_hw_or_logical_resource_limitation_for_rt	nok_nkrnc_isyhhoitert_tab.xpkmek4afq2ahdvuj02uauibev	INTEGER	#	The number of Load Based inter-frequency HHO decisions after measuring without compressed mode due to HW or logical resource limitation - by UEs with RT connection.	Sum, nkrttbh, tot
load_based_ifho_meas_without_com_mod_due_to_prxtotal_for_rt	nok_nkrnc_isyhhoitert_tab.xpkmejxafq2ahdvuj02uauibev	INTEGER	#	The number of Load Based inter-frequency HHO decisions after measuring without compressed mode due to PrxTotal > PrxTarget + LHOpwrOffsetUL - by UEs with RT connection.	Sum, nkrttbh, tot

load_based_ifho_meas_without_com_mod_due_to_ptxtotal_for_rt	nok_nkrnc_isyhhoitert_tab.xpkmek0afq2ahdvuj02uauibev	INTEGER	#	The number of Load Based inter-frequency HHO decisions after measuring without compressed mode due to PtxTotal > PtxTarget + LHOpwrOffsetDL - by UEs with RT connection.	Sum, nkrttbh, tot
load_based_ifho_meas_without_com_mod_due_to_reservation_rate_sc_for_rt	nok_nkrnc_isyhhoitert_tab.xpkmek2afq2ahdvuj02uauibev	INTEGER	#	The number of Load Based inter-frequency HHO decisions after measuring without compressed mode due to ReservationRateSC > LHOresRateSC - by UEs with RT connection.	Sum, nkrttbh, tot
not_started_inter_freq_hho_bec_of_no_cell_good_enough_due_to_cpich_ecno_for_rt	nok_nkrnc_isyhhoitert_tab.tyro2hxahl26seccb00hw01qk4	INT8	#	When no neighbouring cell is good enough for inter frequency HHO for RT, and the inter frequency measurement was triggered due to low measured CPICH Ec/No.	Sum, nkrttbh, tot
not_started_inter_freq_hho_bec_of_no_cell_good_enough_due_to_cpich_rscp_for_rt	nok_nkrnc_isyhhoitert_tab.tyqhrg6ahl26seccb00hw01qk4	INT8	#	When no neighbouring cell is good enough for inter frequency HHO for RT, and the inter frequency measurement was	Sum, nkrttbh, tot

				triggered due to low measured CPICH RSCP.	
not_started_inter_freq_hho_bec_of_no_cell_good_enough_due_to_dl_dpch_pwr_for_rt	nok_nkrnc_isyhhoitert_tab.typ6modahl26seccb00hw01qk4	INT8	#	When no neighbouring cell is good enough for inter frequency HHO for RT, and the inter frequency measurement was triggered due to DL DPCH.	Sum, nkrttbh, tot
not_started_inter_freq_hho_bec_of_no_cell_good_enough_due_to_imsi_for_rt	nok_nkrnc_isyhhoitert_tab.u1cerqxahl26seccb00hw01qk4	INT8	#	The number of times when an inter-frequency HHO measurement due to IMSI ends without making an inter-frequency HHO attempt, because no cell is good enough for inter- frequency HHO for UEs with RT connection.	Sum, nkrttbh, tot
not_started_inter_freq_hho_bec_of_no_cell_good_enough_due_to_ue_trx_pwr_for_rt	nok_nkrnc_isyhhoitert_tab.tyo1hvpahl26seccb00hw01qk4	INT8	#	When no neighbouring cell is good enough for inter frequency HHO for RT, and the inter frequency measurement was triggered due to UE transmission power approaches its maximum power capability.	Sum, nkrttbh, tot
not_started_inter_freq_hho_bec_of_no_cell_good_enough_due_to_ul_dch_qual_for_rt	nok_nkrnc_isyhhoitert_tab.tymv4c6ahl26seccb00hw01qk4	INT8	#	When no neighbouring cell is good enough for inter frequency HHO for RT, and the inter frequency measurement was	Sum, nkrttbh, tot

				triggered by a quality deterioration report from outer loop power control.	
not_started_load_based_ifho_because_no_cell_good_enough_due_reservation_rate_sc_for_rt	nok_nkrnc_isyhhoitert_tab.xpkmektafq2ahdvuj02uauibev	INTEGER	#	not_started_load_based_ifho_because_no_cell_good_enough_due_to_to_reservation_rate_sc_for_rt:The number of times when an inter-frequency HHO measurement due to Load Based HO reason ReservationRateSC > LHOresRateSC ends without making an inter-frequency HHO attempt, because no cell is good enough for inter- frequency HHO - for UEs with RT connection.	Sum, nkrttbh, tot
not_started_load_based_ifho_because_no_cell_good_enough_due_to_capa_rejection_dl_for_rt	nok_nkrnc_isyhhoitert_tab.uaqadaj1im2ahsxr0035xkcuai	INTEGER	#	The number of times that an inter-frequency HHO measurement due to Load Based HO reason CapaReqRejRateDL more than LHOcapaReqRejRateDL ends without making an interfrequency HHO attempt, because no cell is good enough for inter-frequency	Sum, nkrttbh, tot

				HHO - for UEs with RT connection.	
not_started_load_based_ifho_because_no_cell_good_enough_due_to_capa_rejection_ul_for_rt	nok_nkrnc_isyhhoitert_tab.uaqadah1im2ahsxr0035xkcuai	INTEGER	#	The number of times that an inter-frequency HHO measurement due to Load Based HO reason CapaReqRejRateUL more than LHOcapaReqRejRateUL ends without making an interfrequency HHO attempt, because no cell is good enough for inter-frequency HHO - for UEs with RT connection.	Sum, nkrttbh, tot
not_started_load_based_ifho_because_no_cell_good_enough_due_to_prxtotal_for_rt	nok_nkrnc_isyhhoitert_tab.xpkmekpafq2ahdvuj02uauibev	INTEGER	#	The number of times when an inter-frequency HHO measurement due to Load Based HO reason PrxTotal > PrxTarget + LHOpwrOffsetUL ends without making an inter- frequency HHO attempt, because no cell is good enough for inter-frequency HHO - for UEs with RT connection.	Sum, nkrttbh, tot
not_started_load_based_ifho_because_no_cell_good_enough_due_to_ptxtotal_for_rt	nok_nkrnc_isyhhoitert_tab.xpkmekrafq2ahdvuj02uauibev	INTEGER	#	The number of times when an inter-frequency HHO measurement due to Load Based HO reason PtxTotal > PtxTarget + LHOpwrOffsetDL ends without making	Sum, nkrttbh, tot

				an inter- frequency HHO attempt, because no cell is good enough for inter-frequency HHO - for UEs with RT connection.	
not_started_load_based_ifho_no_cell_good_enough_due_hw_or_logical_resource_limit_for_rt	nok_nkrnc_isyhhoitert_tab.xpkmekvafq2ahdvuj02uauibev	INTEGER	#	[not_started_load_based_ifho_because_no_cell_good_enough_due_to_hw_or_logical_resource_limitation_for_rt] - The number of times when an inter-frequency HHO measurement due to Load Based HO reason HW or logical resource limitation ends without making an inter-frequency HHO attempt, because no cell is good enough for inter- frequency HHO - for UEs with RT connection.	Sum, nkrttbh, tot
not_started_service_based_ifho_because_no_cell_good_enough_for_rt	nok_nkrnc_isyhhoitert_tab.xpkmekxafq2ahdvuj02uauibev	INTEGER	#	The number of times when an inter-frequency HHO measurement due to Service Based ends without making an inter-frequency HHO attempt, because no cell is good enough for inter-frequency	Sum, nkrttbh, tot

				HHO - for UEs with RT connection.	
rrc_conn_drops_during_intra_rnc_inter_bts_inter_freq_ho_for_rt	nok_nkrnc_isyhhoitert_tab.u0tsm2dahl26seccb00hw01qk4	INT8	#	RRC connection drops during intra RNC inter BTS inter frequency HHOs for RT.	Sum, nkrttbh, tot
rrc_conn_drops_during_intra_rnc_intra_bts_inter_freq_ho_for_rt	nok_nkrnc_isyhhoitert_tab.u0owhtxahl26seccb00hw01qk4	INT8	#	RRC connection drops during intra RNC intra BTS inter frequency HHOs for RT.	Sum, nkrttbh, tot
rrc_connection_drops_during_ifho_caused_by_hw_or_logical_resource_limitation_for_rt	nok_nkrnc_isyhhoitert_tab.xvm0pmjafq2ahdvuj02uauibev	INTEGER	#	The number of RRC connection drops during Load Based inter- frequency handover due to HW or logical resource limitation - by UEs with RT connection.	Sum, nkrttbh, tot
rrc_connection_drops_during_ifho_caused_by_reservation_rate_sc_for_rt	nok_nkrnc_isyhhoitert_tab.xvm0pmhafq2ahdvuj02uauibev	INTEGER	#	The number of RRC connection drops during Load Based inter- frequency handover due to ReservationRateSC > LHOresRateSC - by UEs with RT connection.	Sum, nkrttbh, tot
rrc_connection_drops_during_inter_freq_ho_caused_by_cpich_ecno_for_rt	nok_nkrnc_isyhhoitert_tab.u0k5cphahl26seccb00hw01qk4	INT8	#	RRC connection drops during inter frequency hard handovers caused by low measured absolute CPICH Ec/No for RT.	Sum, nkrttbh, tot
rrc_connection_drops_during_inter_freq_ho_caused_by_cpich_rscp_for_rt	nok_nkrnc_isyhhoitert_tab.u0fakhpahl26seccb00hw01qk4	INT8	#	RRC connection drops during inter frequency hard handovers caused by low measured absolute CPICH	Sum, nkrttbh, tot

				RSCP for RT.	
rrc_connection_drops_during_inter_freq_ho_caused_by_dl_dpch_pwr_for_rt	nok_nkrnc_isyhhoitert_tab.u06wrhhahl26seccb00hw01qk4	INT8	#	RRC connection drops during inter frequency hard handovers caused by DL DPCH approaching maximum power capability for RT.	Sum, nkrttbh, tot
rrc_connection_drops_during_inter_freq_ho_caused_by_imsi_for_rt	nok_nkrnc_isyhhoitert_tab.u15po3lahl26seccb00hw01qk4	INT8	#	The number of RRC connection drops during inter-frequency handover caused by IMSI for RT.	Sum, nkrttbh, tot
rrc_connection_drops_during_inter_freq_ho_caused_by_ue_trx_pwr_for_rt	nok_nkrnc_isyhhoitert_tab.u026hp6ahl26seccb00hw01qk4	INT8	#	RRC connection drops during inter frequency hard handovers caused by UE transmission power approaching maximum power capability for RT.	Sum, nkrttbh, tot
rrc_connection_drops_during_inter_freq_ho_caused_by_ul_dch_qual_for_rt	nok_nkrnc_isyhhoitert_tab.tywfggxahl26seccb00hw01qk4	INT8	#	RRC connection drops during inter frequency hard handovers caused by UL DCH quality deterioration for RT.	Sum, nkrttbh, tot
rrc_connection_drops_during_inter_rnc_int_freq_hho_for_rt	nok_nkrnc_isyhhoitert_tab.u0yn34xahl26seccb00hw01qk4	INT8	#	RRC connection drops during inter RNC inter BTS intra frequency HHOs for RT.	Sum, nkrttbh, tot
rrc_connection_drops_during_load_based_ifho_caused_b	nok_nkrnc_isyhhoitert_tab.xvm0pmdafq2ahdvuj02uauibev	INTEGER	#	The number of RRC connection drops during Load Based	Sum, nkrttbh, tot

This edition applies to IBM® Tivoli® Netcool® Performance Manager for Wireless and to all subsequent releases and modifications until otherwise indicated in new editions.

y_prxtotal_for_rt				inter- frequency handover due to PrxTotal > PrxTarget + LHOpwrOffsetUL - by UEs with RT connection.	
rrc_connection_drops_during_load_based_ifho_caused_by_ptxtotal_for_rt	nok_nkrnc_isyhhoitert_tab.xvm0pmfafq2ahdvuj02uauibev	INTEGER	#	The number of RRC connection drops during Load Based inter- frequency handover due to PtxTotal > PtxTarget + LHOpwrOffsetDL - by UEs with RT connection.	Sum, nkrttbh, tot
rrc_connection_drops_during_service_based_ifho_for_rt	nok_nkrnc_isyhhoitert_tab.xvm0pmlafq2ahdvuj02uauibev	INTEGER	#	The number of RRC connection drops during Service Based inter-frequency handover - by UEs with RT connection.	Sum, nkrttbh, tot
rrc_connection_drops_ifho_caused_by_capa_rejection_dl_for_rt	nok_nkrnc_isyhhoitert_tab.uaqadb41im2ahsxr0035xkcuai	INTEGER	#	The number of RRC connection drops during Load Based interfrequency handover due to CapaReqRejRateDL more than LHOcapaReqRejRateDL - by UEs with RT connection.	Sum, nkrttbh, tot
rrc_connection_drops_ifho_caused_by_capa_rejection_ul_for_rt	nok_nkrnc_isyhhoitert_tab.uaqadb21im2ahsxr0035xkcuai	INTEGER	#	The number of RRC connection drops during Load Based interfrequency handover due to CapaReqRejRateUL more than LHOcapaReqRejRateUL - by UEs with RT connection.	Sum, nkrttbh, tot
service_based_ifho_attempts_for_rt	nok_nkrnc_isyhhoitert_tab.xpkmelpafq2ahdvuj02uaui	INTEGER	#	The number of Service Based inter-	Sum, nkrttbh,

	bev			frequency handover attempts - by UEs with RT connection.	tot
service_based_ifho_meas_with_com_mod_for_rt	nok_nkrnc_isyhhoitert_tab.xpkmejhafq2ahdvuj02uauibev	INTEGER	#	The number of Service Based inter-frequency HHO decisions after measuring with compressed mode - by UEs with RT connection.	Sum, nkrttbh, tot
service_based_ifho_meas_without_com_mod_for_rt	nok_nkrnc_isyhhoitert_tab.xpkmek6afq2ahdvuj02uauibev	INTEGER	#	The number of Service Based inter-frequency HHO decisions after measuring without compressed mode - by UEs with RT connection.	Sum, nkrttbh, tot
successful_ifho_caused_by_capa_rejection_dl_for_rt	nok_nkrnc_isyhhoitert_tab.uaqadar1im2ahsxr0035xkcuai	INTEGER	#	The number of successful Load Based inter-frequency handovers due to CapaReqRejRateDL more than LHOcapaReqRejRateDL - by UEs with RT connection.	Sum, nkrttbh, tot
successful_ifho_caused_by_capa_rejection_ul_for_rt	nok_nkrnc_isyhhoitert_tab.uaqadap1im2ahsxr0035xkcuai	INTEGER	#	The number of successful Load Based inter-frequency handovers due to CapaReqRejRateUL more than LHOcapaReqRejRateUL - by UEs with	Sum, nkrttbh, tot

				RT connection.	
successful_ifho_caused_by_hw_or_logical_resource_limitation_for_rt	nok_nkrnc_isyhhoitert_tab.xvm0pl0afq2ahdvuj02uauibev	INTEGER	#	The number of successful Load Based inter-frequency handover due to HW or logical resource limitation - by UEs with RT connection.	Sum, nkrttbh, tot
successful_ifho_caused_by_reservation_rate_sc_for_rt	nok_nkrnc_isyhhoitert_tab.xpkmemdafq2ahdvuj02uauibev	INTEGER	#	The number of successful Load Based inter-frequency handover due to ReservationRateSC > LHOresRateSC - by UEs with RT connection.	Sum, nkrttbh, tot
successful_inter_freq_handovers_caused_by_cpich_ecno_for_rt	nok_nkrnc_isyhhoitert_tab.u0hqy6pahl26seccb00hw01qk4	INT8	#	Successful inter frequency hard handovers caused by low measured absolute CPICH Ec/No for RT.	Sum, nkrttbh, tot
successful_inter_freq_handovers_caused_by_cpich_rscp_for_rt	nok_nkrnc_isyhhoitert_tab.u0cehb2ahl26seccb00hw01qk4	INT8	#	Successful inter frequency hard handovers caused by low measured absolute CPICH RSCP for RT.	Sum, nkrttbh, tot
successful_inter_freq_handovers_caused_by_dl_dpch_pwr_for_rt	nok_nkrnc_isyhhoitert_tab.u04omuhahl26seccb00hw01qk4	INT8	#	Successful inter frequency hard handovers caused by DL DPCH approaching maximum power capability for RT.	Sum, nkrttbh, tot
successful_inter_freq_handovers_caused_by_imsi_for_rt	nok_nkrnc_isyhhoitert_tab.u11vq6dahl26seccb00hw01qk4	INT8	#	The number of successful inter-frequency handovers caused by IMSI for RT.	Sum, nkrttbh, tot

successful_inter_freq_handovers_caused_by_ue_trx_pwr_for_rt	nok_nkrnc_isyhhoitert_tab.tyyphsxahl26seccb00hw01qk4	INT8	#	Successful inter frequency hard handovers caused by UE transmission power approaching maximum power capability for RT.	Sum, nkrttbh, tot
successful_inter_freq_handovers_caused_by_ul_dch_qual_for_rt	nok_nkrnc_isyhhoitert_tab.tyu1mjdahl26seccb00hw01qk4	INT8	#	Successful inter frequency hard handovers caused by UL DCH quality deterioration for RT.	Sum, nkrttbh, tot
successful_inter_rnc_inter_freq_ho_for_rt	nok_nkrnc_isyhhoitert_tab.u0w5igtahl26seccb00hw01qk4	INT8	#	Successful inter RNC inter BTS inter frequency HHOs for RT.	Sum, nkrttbh, tot
successful_intra_rnc_inter_bts_inter_freq_ho_for_rt	nok_nkrnc_isyhhoitert_tab.u0rhkl6ahl26seccb00hw01qk4	INT8	#	Successful intra RNC inter BTS inter frequency HHOs for RT.	Sum, nkrttbh, tot
successful_intra_rnc_intra_bts_inter_freq_ho_for_rt	nok_nkrnc_isyhhoitert_tab.u0mluktahl26seccb00hw01qk4	INT8	#	Successful intra RNC inter BTS inter frequency HHOs for RT.	Sum, nkrttbh, tot
successful_load_based_ifho_caused_by_prxtotal_for_rt	nok_nkrnc_isyhhoitert_tab.xpkmem6afq2ahdvuj02uauibev	INTEGER	#	The number of successful Load Based inter-frequency handover due to PrxTotal > PrxTarget + LHOpwrOffsetUL - by UEs with RT connection.	Sum, nkrttbh, tot
successful_load_based_ifho_caused_by_ptxtotal_for_rt	nok_nkrnc_isyhhoitert_tab.xpkmembafq2ahdvuj02uauibev	INTEGER	#	The number of successful Load Based inter-frequency handover	Sum, nkrttbh, tot

This edition applies to IBM® Tivoli® Netcool® Performance Manager for Wireless and to all subsequent releases and modifications until otherwise indicated in new editions.

				due to PtxTotal > PtxTarget + LHOpwrOffsetDL - by UEs with RT connection.	
successful_service_based_ifho_for_rt	nok_nkrnc_isyhhoitert_tab.xvm0pl2afq2ahdvuj02uauibev	INTEGER	#	The number of successful Service Based inter-frequency handover - by UEs with RT connection.	Sum, nkrttbh, tot
unsuccessful_ifho_caused_by_capa_rejection_dl_for_rt	nok_nkrnc_isyhhoitert_tab.uaqadb01im2ahsxr0035xkcuai	INTEGER	#	The number of unsuccessful Load Based inter-frequency handovers due to CapaReqRejRateDL more than LHOcapaReqRejRateDL - by UEs with RT connection. --- If the UE fails to establish the physical channel(s) indicated in the handover command, the UE will revert to the configuration prior to the receipt of the handover command (old configuration) and transmit a failure message to the source RNC. The hard handover procedure ends and the UE resumes the normal operation as if no hard handover attempt had occurred.	Sum, nkrttbh, tot
unsuccessful_ifho_caused_by_capa_rejection_ul_for_rt	nok_nkrnc_isyhhoitert_tab.uaqadax1im2ahsxr0035xkcuai	INTEGER	#	The number of unsuccessful Load Based inter-	Sum, nkrttbh, tot

				frequency handovers due to CapaReqRejRateUL more than LHOcapaReqRejRateUL - by UEs with RT connection. --- If the UE fails to establish the physical channel(s) indicated in the handover command, the UE will revert to the configuration prior to the receipt of the handover command (old configuration) and transmit a failure message to the source RNC. The hard handover procedure ends and the UE resumes the normal operation as if no hard handover attempt had occurred.	
unsuccessful_ifho_caused_by_hw_or_logical_resource_limitation_for_rt	nok_nkrnc_isyhhoitert_tab.xvm0plrafq2ahdvuj02uauibev	INTEGER	#	The number of unsuccessful Load Based inter-frequency handovers due to HW or logical resource limitation - by UEs with RT connection. --- If the UE fails to establish the physical channel(s) indicated in the handover command, the UE	Sum, nkrttbh, tot

This edition applies to IBM® Tivoli® Netcool® Performance Manager for Wireless and to all subsequent releases and modifications until otherwise indicated in new editions.

				will revert to the configuration prior to the reception of the handover command (old configuration) and transmit a failure message to the source RNC. The hard handover procedure ends and the UE resumes the normal operation as if no hard handover attempt had occurred.	
unsuccessful_ifho_caused_by_reservation_rate_sc_for_rt	nok_nkrnc_isyhhoitert_tab.xvm0plpafq2ahdvuj02uauibev	INTEGER	#	The number of unsuccessful Load Based inter-frequency handovers due to ReservationRateSC > LHOresRateSC - by UEs with RT connection. --- If the UE fails to establish the physical channel(s) indicated in the handover command, the UE will revert to the configuration prior to the reception of the handover command (old configuration) and transmit a failure message to the source RNC. The hard handover procedure ends and the UE resumes the normal operation as if no hard handover attempt had	Sum, nkrttbh, tot

				occurred.	
unsuccessful_inter_freq_handovers_caused_by_cpich_ecno_for_rt	nok_nkrnc_isyhhoitert_tab.u0ixuahahl26seccb00hw01qk4	INT8	#	Unsuccessful inter frequency hard handovers caused by low measured absolute CPICH Ec/No for RT.	Sum, nkrttbh, tot
unsuccessful_inter_freq_handovers_caused_by_cpich_rscp_for_rt	nok_nkrnc_isyhhoitert_tab.u0dn6hhahl26seccb00hw01qk4	INT8	#	Unsuccessful inter frequency hard handovers caused by low measured absolute CPICH RSCP for RT.	Sum, nkrttbh, tot
unsuccessful_inter_freq_handovers_caused_by_dl_dpch_pwr_for_rt	nok_nkrnc_isyhhoitert_tab.u05to2xahl26seccb00hw01qk4	INT8	#	Unsuccessful inter frequency hard handovers caused by DL DPCH approaching maximum power capability for RT.	Sum, nkrttbh, tot
unsuccessful_inter_freq_handovers_caused_by_imsi_for_rt	nok_nkrnc_isyhhoitert_tab.u133uxhahl26seccb00hw01qk4	INT8	#	The number of unsuccessful inter-frequency handovers caused by IMSI for RT. If the UE fails to establish the physical channel(s) indicated in the handover command, the UE will revert to the configuration prior to the reception of the handover command (old configuration) and transmit a failure message to the source RNC. The	Sum, nkrttbh, tot

				hard handover procedure ends and the UE resumes the normal operation as if no hard handover attempt had occurred.	
unsuccessful_inter_freq_handovers_caused_by_ue_trx_pwr_for_rt	nok_nkrnc_isyhhoitert_tab.u00yfatahl26seccb00hw01qk4	INT8	#	Unsuccessful inter frequency hard handovers caused by UE transmission power approaching maximum power capability for RT.	Sum, nkrttbh, tot
unsuccessful_inter_freq_handovers_caused_by_ul_dch_qual_for_rt	nok_nkrnc_isyhhoitert_tab.tyvb1x2ahl26seccb00hw01qk4	INT8	#	Unsuccessful inter frequency hard handovers caused by UL DCH quality deterioration for RT.	Sum, nkrttbh, tot
unsuccessful_inter_rnc_inter_freq_ho_for_rt	nok_nkrnc_isyhhoitert_tab.u0xfm2xahl26seccb00hw01qk4	INT8	#	Unsuccessful inter RNC inter BTS inter frequency HHOs for RT.	Sum, nkrttbh, tot
unsuccessful_intra_rnc_inter_bts_inter_freq_ho_for_rt	nok_nkrnc_isyhhoitert_tab.u0slwldahl26seccb00hw01qk4	INT8	#	Unsuccessful intra RNC inter BTS inter frequency HHOs for RT.	Sum, nkrttbh, tot
unsuccessful_intra_rnc_intra_bts_inter_freq_ho_for_rt	nok_nkrnc_isyhhoitert_tab.u0nsgwtahl26seccb00hw01qk4	INT8	#	Unsuccessful intra RNC intra BTS inter frequency HHOs for RT.	Sum, nkrttbh, tot
unsuccessful_load_based_ifho_caused_by_prxtotal_for_rt	nok_nkrnc_isyhhoitert_tab.xvm0pllafq2ahdvuj02uauibev	INTEGER	#	The number of unsuccessful Load Based inter-frequency handovers due to PrxTotal > PrxTarget + LHOpwrOffsetUL - by UEs with RT connection. --- If the UE fails to establish the physical	Sum, nkrttbh, tot

				channel(s) indicated in the handover command, the UE will revert to the configuration prior to the reception of the handover command (old configuration) and transmit a failure message to the source RNC. The hard handover procedure ends and the UE resumes the normal operation as if no hard handover attempt had occurred.	
unsuccessful_load_based_ifho_caused_by_ptxtotal_for_rt	nok_nkrnc_isyhhoitert_tab.xvm0plnafq2ahdvuj02uauibev	INTEGER	#	The number of unsuccessful Load Based inter-frequency handovers due to PtxTotal > PtxTarget + LHOpwrOffsetDL - by UEs with RT connection. --- If the UE fails to establish the physical channel(s) indicated in the handover command, the UE will revert to the configuration prior to the reception of the handover command (old configuration) and transmit a failure	Sum, nkrttbh, tot

				message to the source RNC. The hard handover procedure ends and the UE resumes the normal operation as if no hard handover attempt had occurred.	
unsuccessful_service_based_ifho_for_rt	nok_nkrnc_isyhhoitert_tab.xvm0pltafq2ahdvuj02uauibev	INTEGER	#	The number of unsuccessful Service Based inter-frequency handovers - by UEs with RT connection. --- If the UE fails to establish the physical channel(s) indicated in the handover command, the UE will revert to the configuration prior to the reception of the handover command (old configuration) and transmit a failure message to the source RNC. The hard handover procedure ends and the UE resumes the normal operation as if no hard handover attempt had occurred.	Sum, nkrttbh, tot

6.34.71RNC.Nokia.UMTS.intrasys_hho_intra_nrt

RNC NRT intra-system handover statistics

KPI Name	Expression	Data Type	Units	Description	Aggregation
cell_addition_failur	nok_nkrnc_isyhhoitanrt_ta	INT8	#	Cell addition failure	Sum,

e_due_to_sho_incapability_for_nrt	b.u1h66l2ahl26seccb00hw01qk4			caused by SHO in capability for NRT. When a UE sends an event 1 A triggered measurement report to the RNC in order to add a cell (which is controlled by another RNC than the local RNC) to the active set but the cell addition is either disabled with the parameter Enable Inter RNC Soft Handover or the inter RNC soft handover is not possible due to IUR transport resource congestion. Only the serving RNC (SRNC) can update the counter. This counter is updated in a cell that is the best cell in the active set on SRNC side when the RNC receives the measurement report.	nkrttbh, tot
cell_replacement_failure_due_to_sho_incapability_for_nrt	nok_nkrnc_isyhhoitanrt_tab.u1idcbpahl26seccb00hw01qk4	INT8	#	Cell replacement failure caused by SHO incapability for NRT. When a UE sends an event 1C triggered measurement report to the RNC in order to replace a cell in the active set with a	Sum, nkrttbh, tot

				non active cell (which is controlled by another RNC than the local RNC), but the cell replacement is either disabled with the parameter Enable Inter RNC Soft Handover or the inter RNC soft handover is not possible due to IUR transport resource congestion. Only the serving RNC (SRNC) can update the counter. This counter is updated in a cell that is the best cell in the active set on SRNC side when the RNC receives the measurement report.	
inter_freq_compr_mode_start_not_possible_for_nrt	nok_nkrnc_isyhhoitanrt_tab.u1g24tpahl26seccb00hw01qk4	INT8	#	Compressed mode start not possible for NRT.	Sum, nkrttbh, tot
nrt_hho_attempts_due_to_sho_incapability_and_ave_ecno	nok_nkrnc_isyhhoitanrt_tab.u1jiiotahl26seccb00hw01qk4	INT8	#	HHO attempts caused by SHO incapability for NRT. When the serving RNC starts an inter RNC (intra frequency) hard handover attempt caused by SHO incapability. The parameter HHO Margin forAverage Ec No determines the margin by which the average downlink Ec/No of the target (neighbouring) cell must exceed the average Ec/No of the	Sum, nkrttbh, tot

				best active cell before an inter RNC hard handover is possible. Only the SRNC can update the counter. This counter is updated in a cell that is the best cell in the active set on SRNC side when the RNC receives the event 1A or event 1C triggered measurement report.	
nrt_hho_attempts_due_to_sho_incapability_and_peak_ecno	nok_nkrnc_isyhhoitanrt_tab.u1n5rcdahl26seccb00hw01qk4	INT8	#	Immediate HHO attempts caused by SHO incapability for NRT. When the serving RNC starts an immediate inter RNC (intra frequency) hard handover attempt caused by SHO incapability. An immediate HHO attempt is started if the downlink Ec/No of the neighbouring cell exceeds considerably the Ec/No of the best active cell even in one event triggered (event 1A or 1C) measurement report. The parameter HHO Margin for Peak Ec No determines the maximum allowed	Sum, nkrttbh, tot

				difference between the downlink Ec/No of the neighbouring cell and the Ec/No of the best active cell in situations when the RNC is not able to perform inter RNC soft handover between these cells. If the difference in downl ink Ec / No values exceeds the value of the parameter, the RNC must perform inter RNC hard handover immediately. Only the SRNC can update the counter. This counter is updated in a cell that is the best cell in the active set on SRNC side when the RNC receives the event 1A or event 1C triggered measurement report.	
rrc_connection_drops_during_hho_caused_by_sho_incapability_for_nrt	nok_nkrnc_isyhhoitanrt_tab.u1ohn22ahl26seccb00hw01qk4	INT8	#	RRC connection drops during HHO caused by SHO incapability for NRT. When the timer T358 expires on source RNC side. If the timer T358 expires and neither the target RNC has received the handover complete message, or the source RNC has received a failure message from the	Sum, nkrttbh, tot

				mobile station, the source and target RNCs may delete the old and new configurations, and the source RNC sends the IU RELEASE REQUEST (RANAP) message to the CN in order to release the IU connections.	
successful_hard_handovers_caused_by_sho_incapability_for_nrt	nok_nkrnc_isyhhoitanrt_tab.u1kquylahl26seccb00hw01qk4	INT8	#	Successful hard handovers caused by SHO incapability for NRT. When the CN (core network) initiates the release of the IU connections to the source RNC by sending the IU RELEASECOMMAND (RANAP) message indicating the cause value Successful relocation.	Sum, nkrttbh, tot
ue_is_not_able_to_execute_intra_system_hho_for_nrt	nok_nkrnc_isyhhoitanrt_tab.u1esyepahl26seccb00hw01qk4	INT8	#	UE is not able to execute HHO for NRT. When the source RNC receives a handover failure message from the mobile station with the failure cause value Configuration unacceptable. If the UTRAN instructs the	Sum, nkrttbh, tot

				mobile station to use a configuration that it does not support, the mobile station will transmit a handover failure on the DCCH to the source RNC. The hard handover procedure ends and the MS resumes the normal operation as if no hard handover attempt had occurred.	
unsuccessful_hard_handovers_caused_by_sho_incapability_for_nrt	nok_nkrnc_isyhhoitanrt_tab.u1lw02dahl26seccb00hw01qk4	INT8	#	Unsuccessful hard handovers caused by SHO incapability for NRT. When the source RNC receives a failure message from the mobile station with the failure cause value Physical channel failure. If the UE fails to establish the physical channel(s) indicated in the handover command, the UE will revert to the configuration prior to the reception of the handover command (old configuration) and transmit a failure message on the DCCH to the source RNC. The hard handover procedure ends and the UE resumes normal operation as if no hard handover	Sum, nkrttbh, tot

				attempt had occurred.	
utran_is_not_able_to_execute_intra_system_hho_for_nrt	nok_nkrnc_isyhhoitanrt_tab.u1dljstahl26seccb00hw01qk4	INT8	#	The number of intra-system hard handover failures due to UTRAN. --- The failure can occur, for example, due to the following reasons: radio resource congestion in the target cell, radio link setup/addition failure in the target BTS, relocation preparation procedure failure in the CN, or relocation resource allocation procedure failure in the target RNC.	Sum, nkrttbh, tot

6.34.72RNC.Nokia.UMTS.intrasys_hho_intra_rt

RNC RT intra-system handover statistics

KPI Name	Expression	Data Type	Units	Description	Aggregation
cell_addition_failure_due_to_sho_incapability_for_rt	nok_nkrnc_isyhhoitart_tab.u20k43hahl26seccb00hw01qk4	INT8	#	Cell addition failure caused by SHO incapability for RT. When a UE sends an event 1A triggered measurement report to the RNC in order to add a cell (which is controlled by some other RNC than the	Sum, nkrttbh, tot

				local RNC) to the active set, but the cell addition is either disabled with a parameter Enable Inter RNC Soft Handover or inter RNC soft handover is not possible due to IUR transport resource congestion. Only the serving RNC (SRNC) can update the counter. This counter is updated in a cell that is the best cell in the active set on SRNC side when the RNC receives the measurement report.	
cell_replacement_failure_due_to_sho_incapability_for_rt	nok_nkrnc_isyhhoitart_tab.u21o3s6ahl26seccb00hw01qk4	INT8	#	Cell replacement failure caused by SHO incapability for RT. When a UE sends an event 1C triggered measurement report to the RNC in order to replace a cell in the active set with a non active cell (which is controlled by another RNC than the local RNC) but the cell replacement is either disabled with a parameter Enable Inter RNC Soft Handover or inter RNC soft handover is not possible due to IUR transport resource congestion. Only the	Sum, nkrttbh, tot

				serving RNC (SRNC) can update the counter. This counter is updated in a cell that is the best cell in the active set on SRNC side when the RNC receives the measurement report.	
inter_freq_compr_mode_start_not_possible_for_rt	nok_nkrnc_isyhhoitart_tab.u1sbavtahl26seccb00hw01qk4	INT8	#	Compressed mode start not possible for RT. When an inter system (inter frequency) HHO measurement cant be activated because compressed mode cant be started.	Sum, nkrttbh, tot
rrc_connection_drops_during_hho_caused_by_sho_incapability_for_rt	nok_nkrnc_isyhhoitart_tab.u1yfd02ahl26seccb00hw01qk4	INT8	#	RRC connection drops during HHO caused by SHO incapability for RT. When the timer T358 expires on source RNC side. If the timer T358 expires and neither the target RNC has received the handover complete message or the source RNC has received a failure message from the mobile station, the source and target RNCs may delete the old and new configurations, and the source RNC sends the IU	Sum, nkrttbh, tot

				RELEASE REQUEST (RANAP) message to the CN in order to release the IU connections.	
rt_hho_attempts_due_to_sho_incapability_and_ave_ecno	nok_nkrnc_isyhhoitart_tab.u1tjbcxahl26seccb00hw01qk4	INT8	#	HHO attempts caused by SHO incapability for RT. When the serving RNC starts an inter RNC (intra frequency) hard handover attempt caused by SHO incapability. The parameter HHO Margin forAverage Ec No determines the margin by which the average downlink Ec/No of the target(neighbouring) cell must exceed the average Ec/No of the best active cell before inter RNC hard handover is possible. Only the SRNC can update the counter. This counter is updated in a cell that is the best cell in the active set on SRNC side when the RNC receives the event 1A or 1C triggered measurement report.	Sum, nkrttbh, tot
rt_hho_attempts_due_to_sho_incapability_and_peak_ecno	nok_nkrnc_isyhhoitart_tab.u1urnolahl26seccb00hw01qk4	INT8	#	Immediate HHO attempts caused by SHO incapability for RT. When the serving RNC starts an immediate inter	Sum, nkrttbh, tot

				RNC (intra frequency) hard handover attempt caused by SHO incapability. An immediate HHO attempt is started if the downlink Ec/No of the neighbouring cell exceeds considerably the Ec/No of the best active cell even in one event triggered (event 1A or 1C) measurement report. The parameter HHO Margin for Peak Ec No determines the maximum allowed difference between the downlink Ec/No of the neighbouring cell and the Ec/No of the best active cell in situations when the RNC is not able to perform inter RNC soft handover between these cells. If the difference in downlink Ec/No values exceeds the value of the parameter, the RNC must perform inter RNC hard handover immediately. Only the SRNC can update the counter. This counter is	

				updated in a cell that is the best cell in the active set on SRNC side when the RNC receives the event 1A or 1C triggered measurement report.	
successful_hard_handovers_caused_by_sho_incapability_for_rt	nok_nkrnc_isyhhoitart_tab.u1vwht6ahl26seccb00hw01qk4	INT8	#	Successful hard handovers caused by SHO incapability for RT. When the CN (core network) initiates the release of the IU connections to the source RNC by sending the IU RELEASECOMMAND (RANAP) message with the cause value Successful relocation .	Sum, nkrttbh, tot
ue_is_not_able_to_execute_intra_system_hho_for_rt	nok_nkrnc_isyhhoitart_tab.u1qyokxahl26seccb00hw01qk4	INT8	#	UE is not able to execute HHO for RT. When the source RNC receives a handover failure from the mobile station with the failure cause value Configuration unacceptable . If the UTRAN instructs the mobile station to use a configuration that it does not support, the mobile station transmits a handover failure on the DCCH to the source RNC. The hard handover procedure ends and the MS resumes normal operation as	Sum, nkrttbh, tot

				if no hard handover attempt had occurred.	
unsuccessful_hard_handovers_caused_by_sho_incapability_for_rt	nok_nkrnc_isyhhoitart_tab.u1x50tpahl26seccb00hw01qk4	INT8	#	Unsuccessful hard handovers caused by SHO incapability for RT. When the source RNC receives a failure message from the mobile station indicating the cause Physical channel failure. If the UE fails to establish the physical channel(s) indicated in the handover command, the UE will revert to the configuration prior to the reception of the handover command (old configuration) and transmit a failure message on the DCCH to the source RNC. The hard handover procedure ends and the UE resumes the normal operation as if no hard handover attempt had occurred.	Sum, nkrttbh, tot
utran_is_not_able_to_execute_intra_system_hho_for_rt	nok_nkrnc_isyhhoitart_tab.u1ppwcpahl26seccb00hw01qk4	INT8	#	UTRAN is not able to execute HHO for RT. When the hard handover attempt fails before the serving RNC sends	Sum, nkrttbh, tot

				the handover command to the mobile station. The failure can'take place, for example, because of the following reasons, Radio resource congestion in the target cell Radio link setup/addition failure in Node B Failure occurs during the Relocation preparation procedure in the CN. Failure occurs during the Relocation resource allocation procedure in the target RNC.	

6.34.73RNC.Nokia.UMTS.intrasys_hho_rejected_relocations

RNC Intra-system handover rejected SRNS relocation statistics

KPI Name	Expression	Data Type	Units	Description	Aggregation
number_of_rejected_srns_relocations	nok_intra_hho_rej_rel_tab.u22rlhlahl26seccb00hw01qk4	INT8	#	Number of rejected relocations.Only recorded for Cell_DCH state UEs.	Sum, nkrttbh, tot

6.34.74RNC.Nokia.UMTS.location_services_agps

AGPS-method Location request services statistics

KPI Name	Expression	Data Type	Units	Description	Aggregation
agps_assistance_data_volume_to_ue	nok_nkrnc_locagps_tab.uaqadcl1im2ahsxr0035xkcuai	INT8	Bytes	The number of A-GPS assistance data bytes transmitted between RNC and	Sum, nkrttbh, tot

				UE.	
assistance_data_delivery_for_agps	nok_nkrnc_locagps_tab.uaqadcf1im2ahsxr0035xkcuai	INTEGER	#	The number of sent Assistance Data Delivery messages for Network Assisted GPS.	Sum, nkrttbh, tot
failed_high_priority_lcs_req_agps	nok_nkrnc_locagps_tab.uaqadc41im2ahsxr0035xkcuai	INTEGER	#	The number of failed A-GPS calculations for high priority location requests.	Sum, nkrttbh, tot
failed_high_priority_lcs_req_nw_agps	nok_nkrnc_locagps_tab.uaqadd01im2ahsxr0035xkcuai	INTEGER	#	The number of failed calculations for high priority location requests when using the NW based A-GPS method.	Sum, nkrttbh, tot
failed_normal_priority_lcs_req_agps	nok_nkrnc_locagps_tab.uaqadc61im2ahsxr0035xkcuai	INTEGER	#	The number of failed A-GPS calculations for normal or unknown priority location requests.	Sum, nkrttbh, tot
failed_normal_priority_lcs_req_nw_agps	nok_nkrnc_locagps_tab.uaqadd21im2ahsxr0035xkcuai	INTEGER	#	The number of failed calculations for normal or unknown priority location requests when using the NW based A-GPS method.	Sum, nkrttbh, tot
rrc_measurement_report_with_agps_data_request	nok_nkrnc_locagps_tab.uaqadcb1im2ahsxr0035xkcuai	INTEGER	#	The number of received RRC: Measurement Report messages with IE -UE	Sum, nkrttbh, tot

This edition applies to IBM® Tivoli® Netcool® Performance Manager for Wireless and to all subsequent releases and modifications until otherwise indicated in new editions.

				positioning GPS additional Assistance Data Request-.	
successful_high_priority_lcs_req_accuracy_codes_fulfilled_by_agps	nok_nkrnc_locagps_tab.uaqadbr1im2ahsxr0035xkcuai	INTEGER	#	The number of successfully calculated high priority location requests where accuracy codes are fulfilled by only A-GPS method.	Sum, nkrttbh, tot
successful_high_priority_lcs_req_accuracy_codes_fulfilled_by_nw_agps	nok_nkrnc_locagps_tab.uaqadcn1im2ahsxr0035xkcuai	INTEGER	#	The number of successful calculations for high priority location requests when accuracy codes are fulfilled using only the NW based AGPS method.	Sum, nkrttbh, tot
successful_high_priority_lcs_req_accuracy_not_fulfilled_by_agps	nok_nkrnc_locagps_tab.uaqadbv1im2ahsxr0035xkcuai	INTEGER	#	The number of successfully calculated high priority location requests where either horizontal or vertical accuracy code is NOT fulfilled by A-GPS method.	Sum, nkrttbh, tot
successful_high_priority_lcs_req_accuracy_not_fulfilled_by_nw_agps	nok_nkrnc_locagps_tab.uaqadcr1im2ahsxr0035xkcuai	INTEGER	#	The number of successful calculations for high priority location requests when either horizontal or vertical accuracy code is NOT fulfilled using only the NW based A-	Sum, nkrttbh, tot

				GPS method.	
successful_high_priority_lcs_req_horizontal_accuracy_not_fulfilled_by_agps	nok_nkrnc_locagps_tab.uaqadc01im2ahsxr0035xkcuai	INTEGER	#	The number of successfully calculated high priority location requests where horizontal accuracy code is NOT fulfilled using A-GPS method.	Sum, nkrttbh, tot
successful_high_priority_lcs_req_horizontal_accuracy_not_fulfilled_by_nw_agps	nok_nkrnc_locagps_tab.uaqadcv1im2ahsxr0035xkcuai	INTEGER	#	The number of successful calculations for high priority location requests when horizontal accuracy code is NOT fulfilled using only the NW based A-GPS method.	Sum, nkrttbh, tot
successful_normal_priority_lcs_req_accuracy_codes_fulfilled_by_agps	nok_nkrnc_locagps_tab.uaqadbt1im2ahsxr0035xkcuai	INTEGER	#	The number of successfully calculated normal or unknown priority location requests where accuracy codes are fulfilled by only A-GPS method.	Sum, nkrttbh, tot
successful_normal_priority_lcs_req_accuracy_codes_fulfilled_by_nw_agps	nok_nkrnc_locagps_tab.uaqadcp1im2ahsxr0035xkcuai	INTEGER	#	The number of successful calculations for normal priority location requests when accuracy codes are fulfilled using only the NW based AGPS	Sum, nkrttbh, tot

This edition applies to IBM® Tivoli® Netcool® Performance Manager for Wireless and to all subsequent releases and modifications until otherwise indicated in new editions.

				method.	
successful_normal_priority_lcs_req_accuracy_not_fulfilled_by_agps	nok_nkrnc_locagps_tab.uaqadbx1im2ahsxr0035xkcuai	INTEGER	#	The number of successfully calculated normal or unknown priority location requests where either horizontal or vertical accuracy code is NOT fulfilled using A-GPS method.	Sum, nkrttbh, tot
successful_normal_priority_lcs_req_accuracy_not_fulfilled_by_nw_agps	nok_nkrnc_locagps_tab.uaqadct1im2ahsxr0035xkcuai	INTEGER	#	The number of successful calculations for normal priority location requests when either horizontal or vertical accuracy code is NOT fulfilled using only the NW based A-GPS method.	Sum, nkrttbh, tot
successful_normal_priority_lcs_req_horizontal_accuracy_not_fulfilled_by_agps	nok_nkrnc_locagps_tab.uaqadc21im2ahsxr0035xkcuai	INTEGER	#	The number of successfully calculated normal or unknown priority location requests where horizontal accuracy code is NOT fulfilled using A-GPS method.	Sum, nkrttbh, tot
successful_normal_priority_lcs_req_horizontal_accuracy_not_fulfilled_by_nw_agps	nok_nkrnc_locagps_tab.uaqadcx1im2ahsxr0035xkcuai	INTEGER	#	The number of successful calculations for normal or unknown priority location requests when horizontal accuracy code is NOT fulfilled using only	Sum, nkrttbh, tot

				the NW based AGPS method.	

6.34.75RNC.Nokia.UMTS.location_services

Location request services statistics

KPI Name	Expression	Data Type	Units	Description	Aggregation
_%_failed_lcs_requests	{failed_lcs_requests} / {lcs_requests}	FLOAT	%	% Failed location service request over attempts, excludes emergency calls count.	Average, avg, nkrttbh
Act_square_sum_emgcy_lcs_tot_lat	{squared_sum_of_emergency_lcs_total_latency}/ {denom_emergency_lcs_total_latency}	FLOAT	#	The actual of squared emergency LCS latency. Needed for standard deviation calculation.	Average, avg, max, min, nkrttbh, tot
Act_square_sum_lcs_total_latency	{squared_sum_of_lcs_total_latency}/ {denom_lcs_total_latency}	FLOAT	#	The actual sum of squared LCS latency. Needed for standard deviation calculation.	Average, avg, max, min, nkrttbh, tot
avg_cirtt_latency	{sum_of_cirtt_latency}/ {denom_cirtt_method}	FLOAT	#	Average CI+RTT method latency	Average, avg, max, min, nkrttbh, tot
Avg_emergency_cirtt_latency	{sum_of_emergency_cirtt_latency}/ {denom_emergency_cirtt_method}	FLOAT	#	The average CI+RTT method latency for emergency location requests. Measured from the point when emergency	Average, avg, max, min, nkrttbh, tot

				location request has been received by RNC to point when CI+RTT position has been calculated in SMLC. This counter, divided by the denominator M1011C56, gives the average CI+RTT method latency for emergency requests.	
Avg_emergency_gps_latency	{sum_of_emergency_gps_latency}/ {denom_emergency_gps_method}	FLOAT	#	The average of GPS method latency. Measured from the point when CI+RTT position for emergency location request has been calculated in SMLC to point where GPS position is available. This counter, divided by the denominator M1011C61, gives the average GPS latency for emergency requests.	Average, avg, max, min, nkrttbh, tot
Avg_emergency_lcs_total_latency	{sum_of_emergency_lcs_total_latency}/ {denom_emergency_lcs_total_latency}	FLOAT	#	The average LCS latency, including RTT and RxTx measurements, CI+RTT method calculation and possible A-GPS positioning. Measured from the point when emergency location request has been received by SMLC	Average, avg, max, min, nkrttbh, tot

				to point when location response has been sent to CN from SMLC. This counter, divided by the denominator M1011C67, gives the average LCS latency for emergency requests.	
Avg_gps_latency	{sum_of_gps_latency}/ {denom_gps_method}	FLOAT	#	The average GPS method latency. Measured from the point when CI+RTT position has been calculated in SMLC to point where GPS position is available. This counter, divided by the denominator M1011C43, gives the average GPS latency.	Average, avg, max, min, nkrttbh, tot
Avg_lcs_total_latency	{sum_of_lcs_total_latency}/ {denom_lcs_total_latency}	FLOAT	#	The average LCS latency, including RTT and RxTx measuring, CI+RTT method calculation and possible GPS positioning. Measured from the point when location request has been received by RRC to point when location response has been sent to CN from	Average, avg, max, min, nkrttbh, tot

				RRC. This counter, divided by the denominator M1011C49, gives the average LCS latency.	
cirtt_latency_between_2_to_5_seconds	nok_nkrnc_locsvc_tab.uaqaddf1im2ahsxr0035xkcuai	INTEGER	#	Number of CI+RTT position method usage where the latency was between 2 and 5 seconds. Measured from the point when location request has been received by RNC to point when CI+RTT position has been calculated in SMLC. This counter includes both normal requests and emergency requests.	Sum, nkrttbh, tot
cirtt_latency_less_than_2_seconds	nok_nkrnc_locsvc_tab.uaqaddd1im2ahsxr0035xkcuai	INTEGER	#	Number of CI+RTT position method usage where the latency was less than 2 seconds. Measured from the point when location request has been received by RNC to point when CI+RTT position has been calculated in SMLC. This counter includes both normal requests and emergency requests.	Sum, nkrttbh, tot
cirtt_latency_over_	nok_nkrnc_locsvc_tab.uaqa	INTEG	#	Number of CI+RTT	Sum,

5_seconds	ddh1im2ahsxr0035xkcuai	ER		position method usage where the latency was over 5 seconds. Measured from the point when location request has been received by RNC to point when CI+RTT position has been calculated in SMLC. This counter includes both normal requests and emergency requests.	nkrttbh, tot
denom_cirtt_method	nok_nkrnc_locsvc_tab.uaqadd61im2ahsxr0035xkcuai	INTEGER	#	The denominator for the counter M1011C37. Needed for average calculation.	Sum, nkrttbh, tot
denom_emergency_cirtt_method	nok_nkrnc_locsvc_tab.uaqadel1im2ahsxr0035xkcuai	INTEGER	#	The denominator for the counter M1011C55. Needed for average calculation.	Sum, nkrttbh, tot
denom_emergency_gps_method	nok_nkrnc_locsvc_tab.uaqadex1im2ahsxr0035xkcuai	INTEGER	#	The denominator for the counter M1011C60. Needed for average calculation.	Sum, nkrttbh, tot
denom_emergency_lcs_total_latency	nok_nkrnc_locsvc_tab.uaqadff1im2ahsxr0035xkcuai	INTEGER	#	The denominator for the counters M1011C65 and M1011C66. Needed for average and standard	Sum, nkrttbh, tot

This edition applies to IBM® Tivoli® Netcool® Performance Manager for Wireless and to all subsequent releases and modifications until otherwise indicated in new editions.

				deviation calculation.	
denom_emisho_latency	nok_nkrnc_locsvc_tab.uaqadeb1im2ahsxr0035xkcuai	INTEGER	#	The denominator for the counter M1011C50. Needed for average calculation.	Sum, nkrttbh, tot
denom_gps_method	nok_nkrnc_locsvc_tab.uaqaddl1im2ahsxr0035xkcuai	INTEGER	#	The denominator for the counter M1011C42. Needed for average calculation.	Sum, nkrttbh, tot
denom_lcs_total_latency	nok_nkrnc_locsvc_tab.uaqade01im2ahsxr0035xkcuai	INTEGER	#	The denominator for the counters M1011C47 and M1011C48.	Sum, nkrttbh, tot
emergency_cirtt_latency_between_2_to_5_sec	nok_nkrnc_locsvc_tab.uaqader1im2ahsxr0035xkcuai	INTEGER	#	Number of CI+RTT position method usage for emergency requests where the latency was between 2 and 5 seconds. Measured from the point when emergency location request has been received by RNC to point when CI+RTT position has been calculated in SMLC.	Sum, nkrttbh, tot
emergency_cirtt_latency_less_than_2_sec	nok_nkrnc_locsvc_tab.uaqadep1im2ahsxr0035xkcuai	INTEGER	#	Number of CI+RTT position method usage for emergency requests where the latency was less than 2 seconds. Measured from the point when emergency location request has been received by	Sum, nkrttbh, tot

				RNC to point when CI+RTT position has been calculated in SMLC.	
emergency_cirtt_latency_over_5_sec	nok_nkrnc_locsvc_tab.uaqadet1im2ahsxr0035xkcuai	INTEGER	#	Number of CI+RTT position method usage for emergency requests where the latency was over 5 seconds. Measured from the point when emergency location request has been received by RNC to point when CI+RTT position has been calculated in SMLC.	Sum, nkrttbh, tot
emergency_gps_latency_between_5_to_15_seconds	nok_nkrnc_locsvc_tab.uaqadf41im2ahsxr0035xkcuai	INTEGER	#	Number of GPS position method usage where the latency was between 5 and 15 seconds. Measured from the point when CI+RTT position for emergency location request has been calculated in SMLC to point where GPS position is available.	Sum, nkrttbh, tot
emergency_gps_latency_less_than_5_seconds	nok_nkrnc_locsvc_tab.uaqadf21im2ahsxr0035xkcuai	INTEGER	#	Number of GPS position method usage where the latency was less than 5 seconds.	Sum, nkrttbh, tot

				Measured from the point when CI+RTT position for emergency location request has been calculated in SMLC to point where GPS position is available.	
emergency_gps_latency_over_15_seconds	nok_nkrnc_locsvc_tab.uaqadf61im2ahsxr0035xkcuai	INTEGER	#	Number of GPS position method usage where the latency was over 15 seconds. Measured from the point when CI+RTT position for emergency location request has been calculated in SMLC to point where GPS position is available.	Sum, nkrttbh, tot
emisho_latency_between_2_to_5_seconds	nok_nkrnc_locsvc_tab.uaqadef1im2ahsxr0035xkcuai	INTEGER	#	Number of EMISHOs where the time spent for EMISHO was between 2 and 5 seconds. Measured from emergency location request arrival to point where ISHO has been successfully performed.	Sum, nkrttbh, tot
emisho_latency_less_than_2_seconds	nok_nkrnc_locsvc_tab.uaqaded1im2ahsxr0035xkcuai	INTEGER	#	Number of EMISHOs where the time spent for EMISHO was less than 2 seconds. Measured from emergency location request arrival to point where ISHO	Sum, nkrttbh, tot

				has been successfully performed.	
emisho_latency_over_5_seconds	nok_nkrnc_locsvc_tab.uaqadeh1im2ahsxr0035xkcuai	INTEGER	#	Number of EMISHOs where the time spent for EMISHO was over 5 seconds. Measured from emergency location request arrival to point where ISHO has been successfully performed.	Sum, nkrttbh, tot
failed_high_priority_lcs_req_cell_id_rtt	nok_nkrnc_locsvc_tab.u26id06ahl26seccb00hw01qk4	INT8	#	The number of failed cell ID/RTT calculations for high priority location requests.	Sum, nkrttbh, tot
failed_lcs_requests_due_to_anchoring	nok_nkrnc_locsvc_tab.u2bstf6ahl26seccb00hw01qk4	INT8	#	The number of location requests which cannot be served due to anchoring.The number of location requests which cannot be served due to anchoring.	Sum, nkrttbh, tot
failed_lcs_requests_for_emergency_call	nok_nkrnc_locsvc_tab.u2gvg1tahl26seccb00hw01qk4	INT8	#	The number of failed location requests related to emergency calls.	Sum, nkrttbh, tot
failed_lcs_requests	nok_nkrnc_locsvc_tab.u2fma0xahl26seccb00hw01qk4	INT8	#	The number of failed location requests.	Sum, nkrttbh, tot
failed_normal_prio	nok_nkrnc_locsvc_tab.u2a	INT8	#	The number of	Sum,

rity_lcs_req_cell_id_method	n3hdahl26seccb00hw01qk4			failed cell ID/RTT calculations for normal or unknown priority location requests.	nkrttbh, tot
gps_latency_between_5_to_15_seconds	nok_nkrnc_locsvc_tab.uaqaddr1im2ahsxr0035xkcuai	INTEGER	#	Number of GPS position method usage where the latency was between 5 and 15 seconds. Measured from the point when CI+RTT position has been calculated in SMLC to point where GPS position is available.	Sum, nkrttbh, tot
gps_latency_less_than_5_seconds	nok_nkrnc_locsvc_tab.uaqaddp1im2ahsxr0035xkcuai	INTEGER	#	Number of GPS position method usage where the latency was less than 5 seconds. Measured from the point when CI+RTT position has been calculated in SMLC to point where GPS position is available.	Sum, nkrttbh, tot
gps_latency_over_15_seconds	nok_nkrnc_locsvc_tab.uaqaddt1im2ahsxr0035xkcuai	INTEGER	#	Number of GPS position method usage where the latency was over 15 seconds. Measured from the point when CI+RTT position has been calculated in SMLC to point where GPS position is available	Sum, nkrttbh, tot
lcs_requests_for_emergency_call	nok_nkrnc_locsvc_tab.u25a4ylahl26seccb00hw01qk4	INT8	#	The number of received location	Sum, nkrttbh,

				requests related to emergency calls.	tot
lcs_requests	nok_nkrnc_locsvc_tab.u23vry2ahl26seccb00hw01qk4	INT8	#	The number of received location requests from the CN to request information on the location of a given UE.	Sum, nkrttbh, tot
loc_rep_with_cell_gai	nok_nkrnc_locsvc_tab.xdrxawndmm2aicsd002uaxybdk	INTEGER	#	Total number of sent location responses with the successful Cell Geographical Area Information coordinates as location estimate when UE is in anchoring.	Sum, nkrttbh, tot
loc_rep_without_cell_gai	nok_nkrnc_locsvc_tab.xdrxawpdmm2aicsd002uaxybdk	INTEGER	#	Total number of sent location responses without Cell Geographical Area Information coordinates when UE is in anchoring.	Sum, nkrttbh, tot
location_related_data_fail_due_to_dedic_ass_data_not_available	nok_nkrnc_locsvc_tab.uaqadcj1im2ahsxr0035xkcuai	INTEGER	#	The number received RRC Status messages with IE -assistance data delivery-.	Sum, nkrttbh, tot
location_related_data_requests	nok_nkrnc_locsvc_tab.uaqadcd1im2ahsxr0035xkcuai	INTEGER	#	The number of received Location Related Data Requests from CN.	Sum, nkrttbh, tot
reject_dir_loc_req_due_capa	nok_nkrnc_locsvc_tab.xdrxawjdmm2aicsd002uaxybdk	INTEGER	#	The number of rejected direct	Sum, nkrttbh,

				location requests due to lack of LCS capacity.	tot
reject_per_loc_req_due_capa	nok_nkrnc_locsvc_tab.xdrxawldmm2aicsd002uaxybdk	INTEGER	#	The number of rejected periodical location requests due to lack of LCS capacity.	Sum, nkrttbh, tot
rejected_lcs_requests_due_to_duplicate_request	nok_nkrnc_locsvc_tab.u2d2yx2ahl26seccb00hw01qk4	INT8	#	Number of location requests which are rejected, because a location request for the same UE is already in calculation.	Sum, nkrttbh, tot
rrc_status_messages_with_ie_assistance_data_delivery	nok_nkrnc_locsvc_tab.uaqadch1im2ahsxr0035xkcuai	INTEGER	#	The number received RRC Status messages with IE -assistance data delivery-.	Sum, nkrttbh, tot
sai_change_reporting_stop_requests_from_cn	nok_nkrnc_locsvc_tab.u2ef53hahl26seccb00hw01qk4	INT8	#	The number of Location Reporting Control messages received from CN requesting to stop reporting at the change of Service Area.	Sum, nkrttbh, tot
squared_sum_of_emergency_lcs_total_latency	nok_nkrnc_locsvc_tab.uaqadfd1im2ahsxr0035xkcuai	INTEGER	#	The sum of squared emergency LCS latency. Needed for standard deviation calculation.	Average, avg, max, min, nkrttbh, tot
squared_sum_of_lcs_total_latency	nok_nkrnc_locsvc_tab.uaqaddx1im2ahsxr0035xkcuai	INTEGER	#	The sum of squared LCS latency. Needed for standard deviation calculation.	Average, avg, max, min, nkrttbh, tot
successful_high_priority_lcs_req_accuracy_codes_fullfill	nok_nkrnc_locsvc_tab.u2i4tqdahl26seccb00hw01qk4	INT8	#	The number of successfully calculated high	Sum, nkrttbh, tot

ed_by_cell_id_rtt				priority location requests, where accuracy codes are fulfilled only by cell ID/RTT method.	
successful_high_priority_lcs_req_accuracy_not_fullfilled_by_cell_id_rtt	nok_nkrnc_locsvc_tab.uidcxrtahl26seccb00hw01qk4	INT8	#	The number of successfully calculated high priority location requests, where either horizontal or vertical accuracy code is NOT fulfilled only by cell ID/RTT method.	Sum, nkrttbh, tot
successful_high_priority_lcs_req_horizontal_accuracy_not_fullfilled_by_cell_id_rtt	nok_nkrnc_locsvc_tab.uifmsipahl26seccb00hw01qk4	INT8	#	The number of successfully calculated high priority location requests, where horizontal accuracy code is NOT fulfilled using only the cell ID/RTT method.	Sum, nkrttbh, tot
successful_normal_priority_lcs_req_accuracy_codes_fullfilled_by_cell_id_rtt	nok_nkrnc_locsvc_tab.uic2i3dahl26seccb00hw01qk4	INT8	#	The number of successfully calculated normal or unknown priority location requests, where accuracy codes are fulfilled only by cell ID/RTT method.	Sum, nkrttbh, tot
successful_normal_priority_lcs_req_ac	nok_nkrnc_locsvc_tab.uiei3jtahl26seccb00hw01qk4	INT8	#	The number of successfully	Sum, nkrttbh,

curacy_not_fullfilled_by_cell_id_rtt				calculated normal or unknown priority location requests, where either horizontal or vertical accuracy code is NOT fulfilled using only the cell ID/RTT method.	tot
successful_normal_priority_lcs_req_horizontal_accuracy_not_fullfilled_by_cell_id_rtt	nok_nkrnc_locsvc_tab.uigtystahl26seccb00hw01qk4	INT8	#	The number of successfully calculated normal or unknown priority location requests, where horizontal accuracy code is NOT fulfilled using only the cell ID/RTT method.	Sum, nkrttbh, tot
sum_of_cirtt_latency	nok_nkrnc_locsvc_tab.uaqadd41im2ahsxr0035xkcuai	INTEGER	#	The sum of CI+RTT method latency. Measured from the point when location request has been received by RNC to point when CI+RTT position has been calculated in SMLC. This counter, divided by the denominator M1011C38, gives the average CI+RTT method latency. This counter includes both normal requests and emergency requests.	Sum, nkrttbh, tot
sum_of_emergency_cirtt_latency	nok_nkrnc_locsvc_tab.uaqadej1im2ahsxr0035xkcuai	INTEGER	#	The sum of CI+RTT method	Sum, nkrttbh,

				latency for emergency location requests. Measured from the point when emergency location request has been received by RNC to point when CI+RTT position has been calculated in SMLC. This counter, divided by the denominator M1011C56, gives the average CI+RTT method latency for emergency requests.	tot
sum_of_emergency_gps_latency	nok_nkrnc_locsvc_tab.uaqadev1im2ahsxr0035xkcuai	INTEGER	#	The sum of GPS method latency. Measured from the point when CI+RTT position for emergency location request has been calculated in SMLC to point where GPS position is available. This counter, divided by the denominator M1011C61, gives the average GPS latency for emergency requests.	Sum, nkrttbh, tot
sum_of_emergency_lcs_total_latency	nok_nkrnc_locsvc_tab.uaqadfb1im2ahsxr0035xkcuai	INTEGER	#	The sum of total LCS latency, including RTT and	Sum, nkrttbh, tot

				RxTx measurements, CI+RTT method calculation and possible A-GPS positioning. Measured from the point when emergency location request has been received by SMLC to point when location response has been sent to CN from SMLC. This counter, divided by the denominator M1011C67, gives the average LCS latency for emergency requests.	
sum_of_emisho_latency	nok_nkrnc_locsvc_tab.uaqade61im2ahsxr0035xkcuai	INTEGER	#	The sum of EMISHO latency. Measured from emergency location request arrival to point where ISHO is performed successfully. This counter, divided by the denominator M1011C51, gives the average EMISHO latency.	Sum, nkrttbh, tot
sum_of_gps_latency	nok_nkrnc_locsvc_tab.uaqaddj1im2ahsxr0035xkcuai	INTEGER	#	The sum of GPS method latency. Measured from the point when CI+RTT position has been calculated in SMLC to point where GPS position is available. This counter, divided by	Sum, nkrttbh, tot

				the denominator M1011C43, gives the average GPS latency.	
sum_of_lcs_total_latency	nok_nkrnc_locsvc_tab.uaqaddv1im2ahsxr0035xkcuai	INTEGER	#	The sum of total LCS latency, including RTT and RxTx measuring, CI+RTT method calculation and possible GPS positioning. Measured from the point when location request has been received by RRC to point when location response has been sent to CN from RRC. This counter, divided by the denominator M1011C49, gives the average LCS latency.	Sum, nkrttbh, tot

6.34.76RNC.Nokia.UMTS.pswitch

RNC level: Packet switched based inter system hard handover statistics

KPI Name	Expression	Data Type	Units	Description	Aggregation
srns_con_req_in	nok_nkrnrnc_psw_tab.ugpuhpb1im2ahsxr0035xkcuai	INTEGER	#	Number of received SRNS Context Requests from SGSN.	Sum, nkrttbh, tot
srns_con_res_out	nok_nkrnrnc_psw_tab.ugpuhpd1im2ahsxr0035xkcuai	INTEGER	#	Number of sent SRNS Context Responses to	Sum, nkrttbh, tot

				SGSN.	
srns_data_frw_com_in	nok_nkrnrnc_psw_tab.ugpuhpf1im2ahsxr0035xkcuai	INTEGER	#	Number of received Data Forward Command messages from SGSN.	Sum, nkrttbh, tot
sta_forw_data_in_source_rnc_on_iu	nok_nkrnrnc_psw_tab.ugpuhp61im2ahsxr0035xkcuai	INTEGER	#	Number of started forwarding data cases in Source RNC on IU. This counter includes both SRNC relocation and Inter RNC HHO cases.	Sum, nkrttbh, tot

6.34.77RNC.Nokia.UMTS.RAN_Accessibility.Location_Service

WCDMA RAN KPI Accessibility:Location Service related statistics

KPI Name	Expression	Data Type	Units	Description	Aggregation
_%_lcs_setup_and_complete_ratio	100 * ({Nokia.location_services.lcs_requests}-{Nokia.location_services.failed_lcs_requests})/({Nokia.location_services.lcs_requests})	FLOAT	%	LCS Setup and Access Complete Ratio [%] over the reporting period. Covers the phase from Location Reporting Request to Location Control Report. This KPI is based on Location Services measurement in RNC Counters - RNW Part in Nokia WCDMA RNC Product Documentation.	Average, avg, nkrttbh

6.34.78RNC.Nokia.UMTS.RAN_Mobility.Soft_Handover

WCDMA RAN KPI Mobility:Soft Handover related statistics

KPI Name	Expression	Data	Units	Description	Aggregati

		Type			on
soft_handover_overhead_area	nok_nkrnc_ranmobsho_tab.ta2qythahl26seccb00hw01qk4	FLOAT	%	Soft Handover Overhead [%] on area level over the reporting period. This KPI is based on Soft Handover measurement where Active Set sizes are measured. See RNC Counters - RNW Part in Nokia WCDMA RNC Product Documentation. Note In the SHO Measurement the counters are both for RNC and WCELL. This formula is uses only the RNC level counters.	Average, avg, max, min, nkrttbh, tot

6.34.79RNC.Nokia.UMTS.RAN_Usage.Service_Level

RAN service usage KPIs

KPI Name	Expression	Data Type	Units	Description	Aggregation
_%_iu_availability	100 * {Nokia.ranap_stats.iu_availability}/ {Nokia.ranap_stats.iu_availability_denom}	FLOAT	%	The percentage of time when the Iu interface SCCP subsystem is in working state. [%]. [RAN_KPI_0052]	Average, avg, nkrttbh

6.34.80RNC.Nokia.UMTS.ranap_stats

RANAP - Signalling statistics

KPI Name	Expression	Data Type	Units	Description	Aggregation
iu_availability_denom	nok_nkrnc_ranap_tab.x4iqmqbafq2ahdvuj02uauibev	INTEGER	#	The number of samples for Iu availability measuring, used as a denominator for Iu availability percentage calculation.	Sum, nkrttbh, tot
iu_availability	nok_nkrnc_ranap_tab.x4iqmq6afq2ahdvuj02uauibev	INTEGER	#	The number of samples when Iu interface is in working state. The Iu interface availability percentage can be calculated as a ratio of this counter and M1003C53.	Sum, nkrttbh, tot
iu_not_working_duration	nok_nkrnc_ranap_tab.x4iqmqdafq2ahdvuj02uauibev	INTEGER	#	The duration that Iu interface is in non-working state.	Sum, nkrttbh, tot
iu_to_wo_state_changes	nok_nkrnc_ranap_tab.x4iqmqfafq2ahdvuj02uauibev	INTEGER	#	The number of Iu interface state changes from non-working to working state.	Sum, nkrttbh, tot
nbr_of_nrt_rab_ass_nonsucc_due_to_anch	nok_nkrnc_ranap_tab.uj6xp2tahl26seccb00hw01qk4	INT8	#	A number of RAB assignment requests that failed to fulfill due to anchoring case.	Sum, nkrttbh, tot
nbr_of_rec_error_ind	nok_nkrnc_ranap_tab.ukb5nrtahl26seccb00hw01qk4	INT8	#	A number of received Error Indication messages from the CN.	Sum, nkrttbh, tot
nbr_of_rec_loc_rep_contr	nok_nkrnc_ranap_tab.ujwcqvxahl26seccb00hw01qk4	INT8	#	A number of received Location	Sum, nkrttbh,

				Reporting Control messages from the CN.	tot
nbr_of_rec_over_cont	nok_nkrnc_ranap_tab.uk0rf1dahl26seccb00hw01qk4	INT8	#	A number of received Overload Control messages from the CN.	Sum, nkrttbh, tot
nbr_of_rec_reset_ack	nok_nkrnc_ranap_tab.uk5pnclahl26seccb00hw01qk4	INT8	#	A number of received Reset Acknowledgement messages from the CN.	Sum, nkrttbh, tot
nbr_of_rec_reset	nok_nkrnc_ranap_tab.uk3ac1xahl26seccb00hw01qk4	INT8	#	A number of received Reset messages from the CN.	Sum, nkrttbh, tot
nbr_of_sent_error_ind	nok_nkrnc_ranap_tab.uk6x0f2ahl26seccb00hw01qk4	INT8	#	A number of sent Error Indication messages to the CN.	Sum, nkrttbh, tot
nbr_of_sent_loc_rep	nok_nkrnc_ranap_tab.ujxhldxahl26seccb00hw01qk4	INT8	#	A number of sent Location Reporting Control messages to the CN.	Sum, nkrttbh, tot
nbr_of_sent_over_cont	nok_nkrnc_ranap_tab.ujymdfpahl26seccb00hw01qk4	INT8	#	A number of sent Overload Control messages to the CN.	Sum, nkrttbh, tot
nbr_of_sent_reset_ack	nok_nkrnc_ranap_tab.uk4h1rhahl26seccb00hw01qk4	INT8	#	A number of sent Reset Acknowledgement messages to the CN.	Sum, nkrttbh, tot
nbr_of_sent_reset	nok_nkrnc_ranap_tab.uk201i6ahl26seccb00hw01qk4	INT8	#	A number of sent Reset messages to the CN.	Sum, nkrttbh, tot
rab_ass_nonsucc_due_to_misc_cause	nok_nkrnc_ranap_tab.uj4i5ixahl26seccb00hw01qk4	INT8	#	A number of RAB assignment requests	Sum, nkrttbh,

This edition applies to IBM® Tivoli® Netcool® Performance Manager for Wireless and to all subsequent releases and modifications until otherwise indicated in new editions.

				failed due to a Miscellaneous cause.	tot
rab_ass_nonsucc_due_to_nas_cause	nok_nkrnc_ranap_tab.uj20a2xahl26seccb00hw01qk4	INT8	#	A number of RAB assignment requests failed due to a Non Access Stratum cause.	Sum, nkrttbh, tot
rab_ass_nonsucc_due_to_non_stan_cause	nok_nkrnc_ranap_tab.uj5q15tahl26seccb00hw01qk4	INT8	#	A number of RAB assignment requests failed due to a Non Standard cause.	Sum, nkrttbh, tot
rab_ass_nonsucc_due_to_prot_cause	nok_nkrnc_ranap_tab.uj3agotahl26seccb00hw01qk4	INT8	#	A number of RAB assignment requests failed due to a Protocol cause.	Sum, nkrttbh, tot
rab_ass_nonsucc_due_to_rn_layer_cause	nok_nkrnc_ranap_tab.uiyohstahl26seccb00hw01qk4	INT8	#	A number of RAB assignment requests failed due to a Radio Network Layer cause.	Sum, nkrttbh, tot
rab_ass_nonsucc_due_to_tr_layer_cause	nok_nkrnc_ranap_tab.uj0u66pahl26seccb00hw01qk4	INT8	#	A number of RAB assignment requests failed due to a Transport Layer cause.	Sum, nkrttbh, tot
rab_ass_req_by_cn	nok_nkrnc_ranap_tab.uisppptxahl26seccb00hw01qk4	INT8	#	A number of RAB Assignment requests sent by the CN. The RAB can also be assigned through Relocation. RAB assignment can include: new assignment RAB reconfiguration.	Sum, nkrttbh, tot
rab_ass_succ	nok_nkrnc_ranap_tab.uiwagglahl26seccb00hw01qk4	INT8	#	A number of RABs that have been successfully established. The RAB can also be	Sum, nkrttbh, tot

				assigned through Relocation.	
rab_reconf_nonsucc_due_to_misc_cause	nok_nkrnc_ranap_tab.ujg2qytahl26seccb00hw01qk4	INT8	#	A number of RAB reconfiguration requests failed due to a Miscellaneous cause.	Sum, nkrttbh, tot
rab_reconf_nonsucc_due_to_nas_cause	nok_nkrnc_ranap_tab.ujdppqhahl26seccb00hw01qk4	INT8	#	- Obsolete in RN2.2 - A number of RAB reconfiguration requests failed due to a Non Access Stratum cause.	Sum, nkrttbh, tot
rab_reconf_nonsucc_due_to_non_stan_cause	nok_nkrnc_ranap_tab.ujhd2klahl26seccb00hw01qk4	INT8	#	- Obsolete in RN2.2 - A number of RAB reconfiguration requests failed due to a Non Standard cause.	Sum, nkrttbh, tot
rab_reconf_nonsucc_due_to_prot_cause	nok_nkrnc_ranap_tab.ujeu0ltahl26seccb00hw01qk4	INT8	#	- Obsolete in RN2.2 - A number of RAB reconfiguration requests failed due to a Protocol cause.	Sum, nkrttbh, tot
rab_reconf_nonsucc_due_to_rn_layer_cause	nok_nkrnc_ranap_tab.ujbeaw2ahl26seccb00hw01qk4	INT8	#	A number of RAB reconfiguration requests failed due to a Radio Network Layer cause.	Sum, nkrttbh, tot
rab_reconf_nonsucc_due_to_tr_layer_cause	nok_nkrnc_ranap_tab.ujckyktahl26seccb00hw01qk4	INT8	#	- Obsolete in RN2.2 - A number of RAB reconfiguration requests failed due to a Transport Layer cause.	Sum, nkrttbh, tot
rab_reconf_req_by	nok_nkrnc_ranap_tab.uitwr	INT8	#	A number of RAB	Sum,

_cn	b6ahl26seccb00hw01qk4			Reconfiguration requests sent by the CN. A RAB Assignment can include more than one Reconfiguration.	nkrttbh, tot
rab_reconf_succ	nok_nkrnc_ranap_tab.uixj0ttahl26seccb00hw01qk4	INT8	#	A number of RABs successfully reconfigured. A RAB Assignment can include more than one Reconfiguration.	Sum, nkrttbh, tot
rab_rel_nonsucc	nok_nkrnc_ranap_tab.ujjqtr2ahl26seccb00hw01qk4	INT8	#	A number of RAB release requests that failed to release.	Sum, nkrttbh, tot
rab_rel_req_by_cn	nok_nkrnc_ranap_tab.uiv2omxahl26seccb00hw01qk4	INT8	#	A number of RAB Release requests sent by the CN. The RAB can also be assigned through Relocation. RAB assignment can include new assignment RAB reconfiguration.	Sum, nkrttbh, tot
rab_rel_req_by_rnc_due_to_anch	nok_nkrnc_ranap_tab.ujtwahdahl26seccb00hw01qk4	INT8	#	A number of RAB releases requested by RNC due to Anchoring RNC cause.Multi service case.	Sum, nkrttbh, tot
rab_rel_req_by_rnc_due_to_rn_layer_cause	nok_nkrnc_ranap_tab.ujm6246ahl26seccb00hw01qk4	INT8	#	A number of RAB release requests due to a Radio Network Layer cause.	Sum, nkrttbh, tot
rab_rel_req_by_rnc	nok_nkrnc_ranap_tab.ujkxvcpahl26seccb00hw01qk4	INT8	#	A number of RAB releases requested by the RNC.	Sum, nkrttbh, tot
rab_rel_req_due_to	nok_nkrnc_ranap_tab.ujrfg	INT8	#	A number of RAB	Sum,

_misc_cause	36ahl26seccb00hw01qk4			release requests due to a Miscellaneous cause.	nkrttbh, tot
rab_rel_req_due_to_nas_cause	nok_nkrnc_ranap_tab.ujoj026ahl26seccb00hw01qk4	INT8	#	A number of RAB release requests due to a Non Access Stratum cause.	Sum, nkrttbh, tot
rab_rel_req_due_to_non_stan_cause	nok_nkrnc_ranap_tab.ujsoe1dahl26seccb00hw01qk4	INT8	#	A number of RAB release requests due to a Non Standard cause.	Sum, nkrttbh, tot
rab_rel_req_due_to_prot_cause	nok_nkrnc_ranap_tab.ujps5txahl26seccb00hw01qk4	INT8	#	A number of RAB release requests due to a Protocol cause.	Sum, nkrttbh, tot
rab_rel_req_due_to_tr_layer_cause	nok_nkrnc_ranap_tab.ujnegpdahl26seccb00hw01qk4	INT8	#	A number of RAB release requests due to a Transport Layer cause.	Sum, nkrttbh, tot
rab_rel_succ	nok_nkrnc_ranap_tab.ujijrmpahl26seccb00hw01qk4	INT8	#	A number of RABs that have been successfully released.	Sum, nkrttbh, tot
rec_pag_msg	nok_nkrnc_ranap_tab.ujv4fk2ahl26seccb00hw01qk4	INT8	#	A number of paging messages received from the CN.	Sum, nkrttbh, tot
received_location_related_data_request	nok_nkrnc_ranap_tab.x4iqmqhafq2ahdvuj02uauibev	INTEGER	#	The number of Location Related Data Request messages received from the CN.	Sum, nkrttbh, tot
sent_location_related_data_failure	nok_nkrnc_ranap_tab.x4iqmqlafq2ahdvuj02uauibev	INTEGER	#	The number of Location Related Data Failure messages sent to the CN.	Sum, nkrttbh, tot

This edition applies to IBM® Tivoli® Netcool® Performance Manager for Wireless and to all subsequent releases and modifications until otherwise indicated in new editions.

sent_location_related_data_response	nok_nkrnc_ranap_tab.x4iqmqjafq2ahdvuj02uauibev	INTEGER	#	The number of Location Related Data Response messages sent to the CN.	Sum, nkrttbh, tot
sign_conn_rel_by_cn	nok_nkrnc_ranap_tab.uikdjm2ahl26seccb00hw01qk4	INT8	#	A number of signalling connection releases from the CN.	Sum, nkrttbh, tot
sign_conn_rel_req_due_to_misc_cause	nok_nkrnc_ranap_tab.uiqcsqdahl26seccb00hw01qk4	INT8	#	A number of signalling connection release requests due to a Miscellaneous cause.	Sum, nkrttbh, tot
sign_conn_rel_req_due_to_nas_cause	nok_nkrnc_ranap_tab.uio0lttahl26seccb00hw01qk4	INT8	#	A number of signalling connection release requests due to a Non Access Stratum cause.	Sum, nkrttbh, tot
sign_conn_rel_req_due_to_non_stan_cause	nok_nkrnc_ranap_tab.uiridedahl26seccb00hw01qk4	INT8	#	A number of signalling connection release requests due to a Non Standard cause.	Sum, nkrttbh, tot
sign_conn_rel_req_due_to_prot_cause	nok_nkrnc_ranap_tab.uip5xfxahl26seccb00hw01qk4	INT8	#	A number of signalling connection release requests due to a Protocol cause.	Sum, nkrttbh, tot
sign_conn_rel_req_due_to_rn_layer_cause	nok_nkrnc_ranap_tab.uill012ahl26seccb00hw01qk4	INT8	#	A number of signalling connection release requests due to a Radio Network Layer cause.	Sum, nkrttbh, tot
sign_conn_rel_req_due_to_tr_layer_cause	nok_nkrnc_ranap_tab.uimth32ahl26seccb00hw01qk4	INT8	#	A number of signalling connection release requests due to a	Sum, nkrttbh, tot

				Transport Layer cause.	
sign_conn_setup	nok_nkrnc_ranap_tab.uij5hm6ahl26seccb00hw01qk4	INT8	#	A number of signalling connection setups.	Sum, nkrttbh, tot

6.34.81RNC.Nokia.UMTS.rlc_retransmission

RLC AM PDU retransmission statistics

KPI Name	Expression	Data Type	Units	Description	Aggregation
rlc_retrans_distr_class_0_r	nok_rnc_rlcretx_tab.xjvhe3tdmm2aicsd002uaxybdk	INTEGER	#	The number of downlink RLC AM PDUs which have been successfully delivered to the UE without retransmissions.	Sum, nkrttbh, tot
rlc_retrans_distr_class_1_r	nok_rnc_rlcretx_tab.xjvhe3vdmm2aicsd002uaxybdk	INTEGER	#	The number of downlink RLC AM PDUs which have been successfully delivered to the UE with one retransmission.	Sum, nkrttbh, tot
rlc_retrans_distr_class_2_r	nok_rnc_rlcretx_tab.xjvhe3xdmm2aicsd002uaxybdk	INTEGER	#	The number of downlink RLC AM PDUs which have been successfully delivered to the UE with two retransmissions.	Sum, nkrttbh, tot
rlc_retrans_distr_class_3_r	nok_rnc_rlcretx_tab.xjvhe40dmm2aicsd002uaxybdk	INTEGER	#	The number of downlink RLC AM PDUs which have been successfully	Sum, nkrttbh, tot

				delivered to the UE with three retransmissions.	
rlc_retrans_distr_class_4_r	nok_rnc_rlcretx_tab.xjvhe42dmm2aicsd002uaxybdk	INTEGER	#	The number of downlink RLC AM PDUs which have been successfully delivered to the UE with four retransmissions.	Sum, nkrttbh, tot
rlc_retrans_distr_class_5_r	nok_rnc_rlcretx_tab.xjvhe44dmm2aicsd002uaxybdk	INTEGER	#	The number of downlink RLC AM PDUs which have been successfully delivered to the UE with five or more retransmissions or the PDU is discarded.	Sum, nkrttbh, tot

6.34.82RNC.Nokia.UMTS.rnap_stats

RANAP message statistics

KPI Name	Expression	Data Type	Units	Description	Aggregation
cn_invoke_trace_messages	nok_nkrnc_rnap_st_tab.ukf412xahl26seccb00hw01qk4	INT8	#	The number of received CN invoke trace messages.	Sum, nkrttbh, tot
nbr_of_deleted_paging_messages_due_to_icsu_overload	nok_nkrnc_rnap_st_tab.ukcmp2hahl26seccb00hw01qk4	INT8	#	Number of deleted paging messages due to overload in ICSU.	Sum, nkrttbh, tot
nbr_of_deleted_paging_messages_due_to_rrmu_overload	nok_nkrnc_rnap_st_tab.ukduxehahl26seccb00hw01qk4	INT8	#	Number of deleted paging messages due to overload in RRMU.	Sum, nkrttbh, tot
signaling_connection_release_response	nok_nkrnc_rnap_st_tab.ukgepytahl26seccb00hw01qk4	INT8	#	The number of signalling connection release responses (IU RELEASE	Sum, nkrttbh, tot

				COMPLETE) sent to CN.	

6.34.83RNC.Nokia.UMTS.rnc_busy_hour_kpi

KPI group for base RNC busy hour calculation

KPI Name	Expression	Data Type	Units	Description	Aggregation
total_traffic	nok_nkrnc_bh_tab.ukhmkgpahl26seccb00hw01qk4	INT8	#	Busy hour kpi aggregated from Cell	Sum, nkrttbh, tot

6.34.84RNC.Nokia.UMTS.rnc_capacity_usage

RNC capacity usage statistics

KPI Name	Expression	Data Type	Units	Description	Aggregation
amr_average	nok_nkrnc_capusg_tab.xw0rptvdmm2aicsd002uaxybdk	INTEGER	#	The average number of AMR calls.	Average, avg, max, min, nkrttbh, tot
amr_distr_class_0	nok_nkrnc_capusg_tab.xw0rpu0dmm2aicsd002uaxybdk	INTEGER	#	The distribution of time when the number of simultaneous AMR calls was within 0%-50% of the licensed capacity.	Sum, nkrttbh, tot
amr_distr_class_1	nok_nkrnc_capusg_tab.xw0rpu2dmm2aicsd002uaxybdk	INTEGER	#	The distribution of time when the number of simultaneous AMR calls was within 50%-70% of the licensed capacity.	Sum, nkrttbh, tot

amr_distr_class_2	nok_nkrnc_capusg_tab.xw0rpu4dmm2aicsd002uaxybdk	INTEGER	#	The distribution of time when the number of simultaneous AMR calls was within 70%-80% of the licensed capacity.	Sum, nkrttbh, tot
amr_distr_class_3	nok_nkrnc_capusg_tab.xw0rpu6dmm2aicsd002uaxybdk	INTEGER	#	The distribution of time when the number of simultaneous AMR calls was within 80%-90% of the licensed capacity.	Sum, nkrttbh, tot
amr_distr_class_4	nok_nkrnc_capusg_tab.xw0rpubdmm2aicsd002uaxybdk	INTEGER	#	The distribution of time when the number of simultaneous AMR calls was more than 90% of the licensed capacity.	Sum, nkrttbh, tot
amr_lic_capacity	nok_nkrnc_capusg_tab.xw0rpuddmm2aicsd002uaxybdk	INTEGER	#	Licensed AMR capacity. The counter value is zero in any configuration other than RNC2600 HW.	Constant, avg, max, min, nkrttbh, tot
amr_max	nok_nkrnc_capusg_tab.xw0rptxdmm2aicsd002uaxybdk	INTEGER	#	The maximum number of AMR calls. The maximum number of AMR calls is the maximum value among the samples during a measurement period.	Constant, avg, max, min, nkrttbh, tot
ave_rrc_conn_mode_users	nok_nkrnc_capusg_tab.xw0rpuxdmm2aicsd002uaxybdk	INTEGER	#	The average number of RRC connected mode users in the RNC (all states) during	Average, avg, max, min, nkrttbh, tot

				the measurement period.	
ave_users_cell_dch	nok_nkrnc_capusg_tab.xw0rpv2dmm2aicsd002uaxybdk	INTEGER	#	The average number of users in Cell-DCH state in the RNC during the measurement period.	Average, avg, max, min, nkrttbh, tot
ave_users_cell_fach	nok_nkrnc_capusg_tab.xw0rpv4dmm2aicsd002uaxybdk	INTEGER	#	The average number of users in Cell-FACH state in the RNC during the measurement period.	Average, avg, max, min, nkrttbh, tot
ave_users_cell_pch	nok_nkrnc_capusg_tab.xw0rpv6dmm2aicsd002uaxybdk	INTEGER	#	The average number of users in Cell-PCH state in the RNC during the measurement period.	Average, avg, max, min, nkrttbh, tot
ave_users_ura_pch	nok_nkrnc_capusg_tab.xw0rpvbdmm2aicsd002uaxybdk	INTEGER	#	The average number of users in URA-PCH state in the RNC during the measurement period.	Average, avg, max, min, nkrttbh, tot
iu_ps_thr_average	nok_nkrnc_capusg_tab.xw0rpufdmm2aicsd002uaxybdk	INTEGER	#	The average Iu-PS throughput in downlink direction from the core network to the RNC. This counter is supported only when the NP8S1 or NP2GE interface unit is used in the Iu-PS interface.	Average, avg, max, min, nkrttbh, tot

This edition applies to IBM® Tivoli® Netcool® Performance Manager for Wireless and to all subsequent releases and modifications until otherwise indicated in new editions.

iu_ps_thr_limit_duration	nok_nkrnc_capusg_tab.xw0rpuvdmm2aicsd002uaxybdk	INTEGER	#	The duration of time when the RNC Iu-PS interface throughput is limited because the usage has exceeded the licensed capacity.	Sum, nkrttbh, tot
iu_ps_thr_peak	nok_nkrnc_capusg_tab.xw0rpuhdmm2aicsd002uaxybdk	INTEGER	#	The maximum Iu-PS throughput in downlink direction from the core network to the RNC. This counter is supported only when the NP8S1 or NP2GE interface unit is used in the Iu-PS interface.	Constant, avg, max, min, nkrttbh, tot
iub_ps_thr_distr_class_0	nok_nkrnc_capusg_tab.xw0rpujdmm2aicsd002uaxybdk	INTEGER	#	The distribution of time when the Iub PS data throughput was within 0%-50% of the licensed capacity.	Sum, nkrttbh, tot
iub_ps_thr_distr_class_1	nok_nkrnc_capusg_tab.xw0rpuldmm2aicsd002uaxybdk	INTEGER	#	The distribution of time when the Iub PS data throughput was within 50%-70% of the licensed capacity.	Sum, nkrttbh, tot
iub_ps_thr_distr_class_2	nok_nkrnc_capusg_tab.xw0rpundmm2aicsd002uaxybdk	INTEGER	#	The distribution of time when the Iub PS data throughput was within 70%-80% of the licensed capacity.	Sum, nkrttbh, tot
iub_ps_thr_distr_class_3	nok_nkrnc_capusg_tab.xw0rpupdmm2aicsd002uaxybdk	INTEGER	#	The distribution of time when the Iub PS data throughput was within 80%-90% of the licensed capacity.	Sum, nkrttbh, tot

iub_ps_thr_distr_class_4	nok_nkrnc_capusg_tab.xw0rpurdmm2aicsd002uaxybdk	INTEGER	#	The distribution of time when the Iub PS data throughput was more than 90% of the licensed capacity.	Sum, nkrttbh, tot
iub_ps_thr_lic_capacity	nok_nkrnc_capusg_tab.xw0rputdmm2aicsd002uaxybdk	INTEGER	#	Licensed Iub PS data throughput capacity. The counter value is zero when the capacity licensing is not in use.	Constant, avg, max, min, nkrttbh, tot
max_rrc_conn_mode_users	nok_nkrnc_capusg_tab.xw0rpv0dmm2aicsd002uaxybdk	INTEGER	#	The peak number of RRC connected mode users in the RNC (all states) during the measurement period.	Constant, avg, max, min, nkrttbh, tot
peak_iu_ps_throughput	{iu_ps_thr_peak}/1000	FLOAT	#	Iu-PS peak throughput	Average, avg, max, min, nkrttbh, tot

6.34.85RNC.Nokia.UMTS.rnc_olpc_measurement

OLPC measurements

The performance data measurements for this KPI group are recorded against the combination of RNC and Radio_Connection_Type (radio_connection_type_id)

KPI Name	Expression	Data Type	Units	Description	Aggregation
rl_power_no_of_outage_dl_r	nok_rncolpcmeas_tab.xjvhdwddmm2aicsd002uaxybdk	INTEGER	#	The number of dedicated radio link reports received where transmission	Sum, nkrttbh, tot

				power is at the maximum value defined by the parameters PtxDLAbsMax and CPICHtoRefRABoffset.	
rl_power_no_of_samples_dl_r	nok_rncolpcmeas_tab.xjvhdwbdmm2aicsd002uaxybdk	INTEGER	#	The number of samples for the dedicated radio link power measurement counter M1025C15.	Sum, nkrttbh, tot
rl_power_sq_sum_dl_r	nok_rncolpcmeas_tab.xjvhdw6dmm2aicsd002uaxybdk	INTEGER	watt^2	The sum of the squared radio link power values in DL.	Sum, nkrttbh, tot
rl_power_sum_dl_r	nok_rncolpcmeas_tab.xjvhdw4dmm2aicsd002uaxybdk	FLOAT	dBm	The average downlink transmission power of the radio links matching the RAB parameters of the measurement object.	Average, avg, max, min, nkrttbh, tot
ul_average_ber_denom_r	nok_rncolpcmeas_tab.xjvhdvrdmm2aicsd002uaxybdk	INTEGER	#	The number of BER samples in the Average BER counter.	Sum, nkrttbh, tot
ul_average_ber_r	nok_rncolpcmeas_tab.xjvhdvpdmm2aicsd002uaxybdk	FLOAT	#	The average uplink BER, calculated as a weighted average from UL BER values reported by the OLPC controller that gets the BER estimate from the WBTS in the Frame Protocol data frame.	Average, avg, max, min, nkrttbh, tot
ul_average_ebno_denom_r	nok_rncolpcmeas_tab.xjvhdvbdmm2aicsd002uaxybdk	INTEGER	#	The number of Eb/No samples in the Average UL Eb/No counter.	Sum, nkrttbh, tot
ul_average_ebno_r	nok_rncolpcmeas_tab.xjvh	FLOAT	dB	The average uplink	Average,

	dv6dmm2aicsd002uaxybdk			Eb/No, calculated as a weighted average from the Eb/No values reported by OLPC.	avg, max, min, nkrttbh, tot
ul_bad_connections_r	nok_rncolpcmeas_tab.xjvhdvxdmm2aicsd002uaxybdk	INTEGER	#	The number of bad uplink connections.	Sum, nkrttbh, tot
ul_crc_noks_r	nok_rncolpcmeas_tab.xjvhdvjdmm2aicsd002uaxybdk	INTEGER	#	The number of transport blocks received with CRC NOK in the uplink.	Sum, nkrttbh, tot
ul_crc_oks_r	nok_rncolpcmeas_tab.xjvhdvhdmm2aicsd002uaxybdk	INTEGER	#	The number of received transport blocks with CRC OK in the uplink.	Sum, nkrttbh, tot
ul_edch_harq_retrans_r	nok_rncolpcmeas_tab.xjvhdwfdmm2aicsd002uaxybdk	INTEGER	#	The number of HARQ retransmissions reported by the BTS in E-DCH FP frames.	Sum, nkrttbh, tot
ul_ideal_connections_r	nok_rncolpcmeas_tab.xjvhdw0dmm2aicsd002uaxybdk	INTEGER	#	The number of ideal uplink connections.	Sum, nkrttbh, tot
ul_num_bler_reports_r	nok_rncolpcmeas_tab.xjvhdvndmm2aicsd002uaxybdk	INTEGER	#	The number of UL BLER reports received from OLPC.	Sum, nkrttbh, tot
ul_num_ebno_reports_r	nok_rncolpcmeas_tab.xjvhdvfdmm2aicsd002uaxybdk	INTEGER	#	The UL Eb/No reports that L3 entity has received from the OLPC Controller.	Sum, nkrttbh, tot
ul_num_of_ber_reports_r	nok_rncolpcmeas_tab.xjvhdvvdmm2aicsd002uaxybdk	INTEGER	#	The number of UL BER reports	Sum, nkrttbh,

				received from OLPC. Updated only when BER is used as a quality estimate for UL OLPC.	tot
ul_sum_sq_ber_r	nok_rncolpcmeas_tab.xjvhdvtdmm2aicsd002uaxybdk	FLOAT	#	The sum of squared UL BER values calculated by the OLPC controller.	Sum, nkrttbh, tot
ul_sum_sq_bler_r	nok_rncolpcmeas_tab.xjvhdvldmm2aicsd002uaxybdk	INTEGER	#	The sum of squared BLER values, calculated from UL BLER values reported by OLPC.	Sum, nkrttbh, tot
ul_sum_sq_ebno_r	nok_rncolpcmeas_tab.xjvhdvddmm2aicsd002uaxybdk	FLOAT	#	The sum of Squared linear Eb/No values, calculated from the UL Eb/No values reported by OLPC.	Sum, nkrttbh, tot
ul_too_good_connections_r	nok_rncolpcmeas_tab.xjvhdw2dmm2aicsd002uaxybdk	INTEGER	#	The number of too good uplink connections.	Sum, nkrttbh, tot

6.34.86RNC.Nokia.UMTS.rnc_rlc_measurement

RLC AM DL measurements

The performance data measurements for this KPI group are recorded against the combination of RNC and Radio_Connection_Type (radio_connection_type_id)

KPI Name	Expression	Data Type	Units	Description	Aggregation
rlc_am_dl_buffer_reports_r	nok_rncrlcmeas_tab.xjvhe1ddmm2aicsd002uaxybdk	INTEGER	#	The number of RLC AM reports for the RLC AM DL transmission buffer and the PDCP buffer occupancy measurement.	Sum, nkrttbh, tot
rlc_am_dl_meas_time_r	nok_rncrlcmeas_tab.xjvhe2vdmm2aicsd002uaxybdk	INTEGER	ms	The total time period when the measurement was	Sum, nkrttbh, tot

				active in the RLC AM DL entity. The active time is the time between when the first RLC SDU arrives in the RLC buffer and when all the RLC PDUs of the packet call have been acknowledged.	
rlc_am_pdcp_dl_avg_buf_occ_r	nok_rncrlcmeas_tab.xjvhe14dmm2aicsd002uaxybdk	INTEGER	Byte	The average PDCP buffer occupancy in RLC AM DL. Does not include periods when the DL transmission buffers in the RLC entity are empty.	Average, avg, max, min, nkrttbh, tot
rlc_am_pdcp_sum_sq_buf_occ_r	nok_rncrlcmeas_tab.xjvhe1bdmm2aicsd002uaxybdk	INTEGER	kByteSqr	The sum of squared PDCP buffer occupancy values in RLC AM DL. Does not include periods when the DL transmission buffers in the RLC entity are empty.	Sum, nkrttbh, tot
rlc_am_pdu_dl_avg_buf_occ_r	nok_rncrlcmeas_tab.xjvhe12dmm2aicsd002uaxybdk	INTEGER	Byte	The average RLC AM DL PDU transmission buffer occupancy. Includes both first-time transmission and retransmission buffers.	Average, avg, max, min, nkrttbh, tot
rlc_am_pdu_dl_avg_trans_r	nok_rncrlcmeas_tab.xjvhe26dmm2aicsd002uaxybdk	FLOAT	#	The average number of required transmissions per	Average, avg, max, min,

				PDU in RLC AM DL. For a perfect connection the value of this counter is one.	nkrttbh, tot
rlc_am_pdu_dl_bad_conn_r	nok_rncrlcmeas_tab.xjvhe1ndmm2aicsd002uaxybdk	INTEGER	#	The number of bad connections for RLC AM in downlink direction.	Sum, nkrttbh, tot
rlc_am_pdu_dl_discard_rat_r	nok_rncrlcmeas_tab.xjvhe2bdmm2aicsd002uaxybdk	FLOAT	#	The RLC PDU discard ratio for downlink connections using RLC AM.	Sum, nkrttbh, tot
rlc_am_pdu_dl_err_ratio_r	nok_rncrlcmeas_tab.xjvhe1fdmm2aicsd002uaxybdk	FLOAT	#	The ratio between unsuccessfully transmitted RLC AM DL PDUs and all transmitted RLC AM DL PDUs (including retransmissions).	Average, avg, max, min, nkrttbh, tot
rlc_am_pdu_dl_err_reports_r	nok_rncrlcmeas_tab.xjvhe1ldmm2aicsd002uaxybdk	INTEGER	#	The number of RLC AM reports for the RLC AM DL PDU error ratio measurement.	Sum, nkrttbh, tot
rlc_am_pdu_dl_for_trans_r	nok_rncrlcmeas_tab.xjvhe2fdmm2aicsd002uaxybdk	INTEGER	#	The number of downlink RLC AM PDUs added to the RLC transmission buffer. This includes also PDUs retransmitted due to RLC polling procedure.	Sum, nkrttbh, tot
rlc_am_pdu_dl_gr_tp_r	nok_rncrlcmeas_tab.xjvhe1tdmm2aicsd002uaxybdk	FLOAT	kbps	The average downlink PDU gross throughput of the RLC AM connection. Includes also	Average, avg, max, min, nkrttbh, tot

				retransmissions. Does not include periods when the DL transmission buffers in the RLC entity are empty.	
rlc_am_pdu_dl_gr_tp_sq_sum_r	nok_rncrlcmeas_tab.xjvhe1vdmm2aicsd002uaxybdk	FLOAT	kbpsSqr	The sum of squared RLC AM DL PDU gross throughput values.	Sum, nkrttbh, tot
rlc_am_pdu_dl_ideal_conn_r	nok_rncrlcmeas_tab.xjvhe1rdmm2aicsd002uaxybdk	INTEGER	#	The number of ideal connections for RLC AM in downlink direction.	Sum, nkrttbh, tot
rlc_am_pdu_dl_net_tp_r	nok_rncrlcmeas_tab.xjvhe20dmm2aicsd002uaxybdk	FLOAT	kbps	The average downlink net PDU throughput of RLC AM connections. Does not include retransmissions. Does not include periods when the DL transmission buffers in the RLC entity are empty.	Average, avg, max, min, nkrttbh, tot
rlc_am_pdu_dl_net_tp_sq_s_r	nok_rncrlcmeas_tab.xjvhe22dmm2aicsd002uaxybdk	FLOAT	kbpsSqr	The sum of squared RLC AM DL PDU net throughput values.	Sum, nkrttbh, tot
rlc_am_pdu_dl_sq_sum_err_r	nok_rncrlcmeas_tab.xjvhe1jdmm2aicsd002uaxybdk	FLOAT	#	The sum of squared RLC AM DL PDU error ratio values.	Sum, nkrttbh, tot
rlc_am_pdu_dl_sq_sum_tr_ti_r	nok_rncrlcmeas_tab.xjvhe24dmm2aicsd002uaxybdk	INTEGER	SecSqr	The sum of squared transmission time values for the RLC AM downlink.	Sum, nkrttbh, tot

rlc_am_pdu_dl_sq_sum_trans_r	nok_rncrlcmeas_tab.xjvhe2ddmm2aicsd002uaxybdk	FLOAT	#	The sum of squared average number of transmissions per PDU values in RLC AM DL.	Sum, nkrttbh, tot
rlc_am_pdu_dl_sum_sq_buf_o_r	nok_rncrlcmeas_tab.xjvhe16dmm2aicsd002uaxybdk	INTEGER	kByteSqr	The sum of squared RLC AM DL PDU transmission buffer occupancy values. Does not include periods when the DL transmission buffers in the RLC entity are empty.	Sum, nkrttbh, tot
rlc_am_pdu_dl_too_good_con_r	nok_rncrlcmeas_tab.xjvhe1pdmm2aicsd002uaxybdk	INTEGER	#	The number of too good connections for RLC AM in downlink direction.	Sum, nkrttbh, tot
rlc_am_pdu_dl_total_trans_r	nok_rncrlcmeas_tab.xjvhe1hdmm2aicsd002uaxybdk	INTEGER	#	The number of transmitted RLC AM DL PDUs. Includes also retransmitted DL PDUs and control PDUs.	Sum, nkrttbh, tot
rlc_am_pdu_dl_tp_reports_r	nok_rncrlcmeas_tab.xjvhe1xdmm2aicsd002uaxybdk	INTEGER	#	The number of RLC AM reports for RLC AM DL gross and net throughput values.	Sum, nkrttbh, tot
rlc_am_pdu_ul_for_trans_r	nok_rncrlcmeas_tab.xjvhe32dmm2aicsd002uaxybdk	INTEGER	#	The number of received RLC AM PDUs in uplink.	Sum, nkrttbh, tot
rlc_am_sdu_dl_avg_tr_delay_r	nok_rncrlcmeas_tab.xjvhe2ldmm2aicsd002uaxybdk	INTEGER	ms	The average transfer delay of transferred RLC AM SDUs in downlink.	Average, avg, max, min, nkrttbh, tot
rlc_am_sdu_dl_error_ratio_r	nok_rncrlcmeas_tab.xjvhe2hdmm2aicsd002uaxybdk	FLOAT	#	The average SDU error ratio in RLC AM downlink.	Average, avg, max, min,

				Defined as the ratio between discarded SDUs and the total number of SDUs received for transmission from the PDCP layer.	nkrttbh, tot
rlc_am_sdu_dl_ps_vol_r	nok_rncrlcmeas_tab.xjvhe30dmm2aicsd002uaxybdk	INTEGER	Byte	The number of SDU bytes transmitted in downlink using RLC AM. The RLC SDU payload measuring is made for compressed bytes (after PDCP in DL) and includes RLC SDU headers.	Sum, nkrttbh, tot
rlc_am_sdu_dl_sdus_for_tra_r	nok_rncrlcmeas_tab.xjvhe2tdmm2aicsd002uaxybdk	INTEGER	#	The number of RLC AM SDUs ready for transmission in downlink. Includes also discarded SDUs.	Sum, nkrttbh, tot
rlc_am_sdu_dl_sq_sum_err_r_r	nok_rncrlcmeas_tab.xjvhe2jdmm2aicsd002uaxybdk	FLOAT	#	The sum of squared SDU error ratio values in RLC AM DL. Measured from the RLC entity.	Sum, nkrttbh, tot
rlc_am_sdu_dl_sum_sq_tr_d_r	nok_rncrlcmeas_tab.xjvhe2rdmm2aicsd002uaxybdk	INTEGER	msSqr	The sum of squared SDU transmission delay values in RLC AM DL.	Sum, nkrttbh, tot
rlc_am_sdu_dl_sum_tr_delay_r	nok_rncrlcmeas_tab.xjvhe2ndmm2aicsd002uaxybdk	INTEGER	ms	The sum of average SDU transfer delay values in RLC AM DL.	Sum, nkrttbh, tot
rlc_am_sdu_sum_t	nok_rncrlcmeas_tab.xjvhe2	INTEG	ms	The sum of standard	Sum,

r_del_stad_r	pdmm2aicsd002uaxybdk	ER		deviations of the SDU transfer delay values in RLC AM DL.	nkrttbh, tot
rlc_am_sdu_ul_ps_vol_r	nok_rncrlcmeas_tab.xjvhe2xdmm2aicsd002uaxybdk	INTEGER	Byte	The number of SDU bytes transmitted in uplink using RLC AM. The RLC SDU payload measuring is made for compressed bytes (before PDCP in UL) and includes RLC SDU headers.	Sum, nkrttbh, tot
rlc_am_ul_meas_time_r	nok_rncrlcmeas_tab.xjvhe34dmm2aicsd002uaxybdk	INTEGER	ms	The total time period when the measurement was active in the RLC AM UL entity. The active time is the time between when the first RLC SDU arrives in the RLC buffer and when all the RLC PDUs of the packet call have been acknowledged.	Sum, nkrttbh, tot

6.34.87RNC.Nokia.UMTS.rnsap.iu_release_request.source

RNC level: RNSAP - DCH radio link IU release request at Source RNC statistics

KPI Name	Expression	Data Type	Units	Description	Aggregation
srns_reloc_iu_rel_out_contr_by_2cn_due_to_misc_cause	nok_nkrnc_iursrlrqsrc_tab.umovih41im2ahsxr0035xkcuai	INTEGER	#	A number of IU release requests during outgoing 2CN controlled SRNS relocations due to a Miscellaneous cause.	Sum, nkrttbh, tot
srns_reloc_iu_rel_	nok_nkrnc_iursrlrqsrc_tab.	INTEG	#	A number of IU	Sum,

out_contr_by_2cn_due_to_nas_cause	umovih01im2ahsxr0035xkcuai	ER		release requests during outgoing 2CN controlled SRNS relocations due to a Non Access Stratum cause.	nkrttbh, tot
srns_reloc_iu_rel_out_contr_by_2cn_due_to_non_stan_cause	nok_nkrnc_iursrlrqsrc_tab.umovih61im2ahsxr0035xkcuai	INTEGER	#	A number of IU release requests during outgoing 2CN controlled SRNS relocations due to a Non Standard cause.	Sum, nkrttbh, tot
srns_reloc_iu_rel_out_contr_by_2cn_due_to_prot_cause	nok_nkrnc_iursrlrqsrc_tab.umovih21im2ahsxr0035xkcuai	INTEGER	#	A number of IU release requests during outgoing 2CN controlled SRNS relocations due to a Protocol cause.	Sum, nkrttbh, tot
srns_reloc_iu_rel_out_contr_by_2cn_due_to_rn_layer_cause	nok_nkrnc_iursrlrqsrc_tab.umovigv1im2ahsxr0035xkcuai	INTEGER	#	A number of IU release requests during outgoing 2CN controlled SRNS relocations due to a Radio Network Layer cause.	Sum, nkrttbh, tot
srns_reloc_iu_rel_out_contr_by_2cn_due_to_tr_cause	nok_nkrnc_iursrlrqsrc_tab.umovigx1im2ahsxr0035xkcuai	INTEGER	#	A number of IU release requests during outgoing 2CN controlled SRNS relocations due to a Transport Layer cause.	Sum, nkrttbh, tot
srns_reloc_iu_rel_out_contr_by_msc	nok_nkrnc_iursrlrqsrc_tab.umovigf1im2ahsxr0035xkc	INTEGER	#	A number of IU release requests	Sum, nkrttbh,

_due_to_misc_cause	uai			during outgoing MSC controlled SRNS relocations due to a Miscellaneous cause.	tot
srns_reloc_iu_rel_out_contr_by_msc_due_to_nas_cause	nok_nkrnc_iursrlrqsrc_tab.umovigb1im2ahsxr0035xkcuai	INTEGER	#	A number of IU release requests during outgoing MSC controlled SRNS relocations due to a Non Access Stratum cause.	Sum, nkrttbh, tot
srns_reloc_iu_rel_out_contr_by_msc_due_to_non_stan_cause	nok_nkrnc_iursrlrqsrc_tab.umovigh1im2ahsxr0035xkcuai	INTEGER	#	A number of IU release requests during outgoing MSC controlled SRNS relocations due to a Non Standard cause.	Sum, nkrttbh, tot
srns_reloc_iu_rel_out_contr_by_msc_due_to_prot_cause	nok_nkrnc_iursrlrqsrc_tab.umovigd1im2ahsxr0035xkcuai	INTEGER	#	A number of IU release requests during outgoing MSC controlled SRNS relocations due to a Protocol cause.	Sum, nkrttbh, tot
srns_reloc_iu_rel_out_contr_by_msc_due_to_rn_layer_cause	nok_nkrnc_iursrlrqsrc_tab.umovig41im2ahsxr0035xkcuai	INTEGER	#	A number of IU release requests during outgoing MSC controlled SRNS relocations due to a Radio Network Layer cause.	Sum, nkrttbh, tot
srns_reloc_iu_rel_out_contr_by_msc_due_to_tr_cause	nok_nkrnc_iursrlrqsrc_tab.umovig61im2ahsxr0035xkcuai	INTEGER	#	A number of IU release requests during outgoing MSC controlled SRNS relocations due to a Transport Layer cause.	Sum, nkrttbh, tot

srns_reloc_iu_rel_out_contr_by_sgsn_due_to_misc_cause	nok_nkrnc_iursrlrqsrc_tab.umovigr1im2ahsxr0035xkcuai	INTEGER	#	A number of IU release requests during outgoing SGSN controlled SRNS relocations due to a Miscellaneous cause.	Sum, nkrttbh, tot
srns_reloc_iu_rel_out_contr_by_sgsn_due_to_nas_cause	nok_nkrnc_iursrlrqsrc_tab.umovign1im2ahsxr0035xkcuai	INTEGER	#	A number of IU release requests during outgoing SGSN controlled SRNS relocations due to a Non Access Stratum cause.	Sum, nkrttbh, tot
srns_reloc_iu_rel_out_contr_by_sgsn_due_to_non_stan_cause	nok_nkrnc_iursrlrqsrc_tab.umovigt1im2ahsxr0035xkcuai	INTEGER	#	A number of IU release requests during outgoing SGSN controlled SRNS relocations due to a Non Standard cause.	Sum, nkrttbh, tot
srns_reloc_iu_rel_out_contr_by_sgsn_due_to_prot_cause	nok_nkrnc_iursrlrqsrc_tab.umovigp1im2ahsxr0035xkcuai	INTEGER	#	A number of IU release requests during outgoing SGSN controlled SRNS relocations due to a Protocol cause.	Sum, nkrttbh, tot
srns_reloc_iu_rel_out_contr_by_sgsn_due_to_rn_layer_cause	nok_nkrnc_iursrlrqsrc_tab.umovigj1im2ahsxr0035xkcuai	INTEGER	#	A number of IU release requests during outgoing SGSN controlled SRNS relocations due to a Radio Network Layer cause.	Sum, nkrttbh, tot

This edition applies to IBM® Tivoli® Netcool® Performance Manager for Wireless and to all subsequent releases and modifications until otherwise indicated in new editions.

srns_reloc_iu_rel_out_contr_by_sgsn_due_to_tr_cause	nok_nkrnc_iursrlrqsrc_tab.umovigl1im2ahsxr0035xkcuai	INTEGER	#	A number of IU release requests during outgoing SGSN controlled SRNS relocations due to a Transport Layer cause.	Sum, nkrttbh, tot
sta_forw_data_in_source_rnc_on_iur	nok_nkrnc_iursrlrqsrc_tab.umovihb1im2ahsxr0035xkcuai	INTEGER	#	Number of started forwarding data cases in Source RNC on IUR. This counter includes both SRNC relocation and Inter RNC HHO cases.	Sum, nkrttbh, tot

6.34.88RNC.Nokia.UMTS.rnsap.iu_release_request.target

RNC level: RNSAP - DCH radio link IU release request at Target RNC statistics

KPI Name	Expression	Data Type	Units	Description	Aggregation
srns_reloc_iu_rel_in_contr_by_2cn_due_to_misc_cause	nok_nkrnc_iursrlrqtgt_tab.umoviid1im2ahsxr0035xkcuai	INTEGER	#	A number of IU release requests during incoming 2CN controlled SRNS relocations due to a Miscellaneous cause.	Sum, nkrttbh, tot
srns_reloc_iu_rel_in_contr_by_2cn_due_to_nas_cause	nok_nkrnc_iursrlrqtgt_tab.umovii61im2ahsxr0035xkcuai	INTEGER	#	A number of IU release requests during incoming 2CN controlled SRNS relocations due to a Non Access Stratum cause.	Sum, nkrttbh, tot
srns_reloc_iu_rel_in_contr_by_2cn_due_to_non_stan_cause	nok_nkrnc_iursrlrqtgt_tab.umoviif1im2ahsxr0035xkcuai	INTEGER	#	A number of IU release requests during incoming 2CN controlled SRNS relocations due to a Non	Sum, nkrttbh, tot

				Standard cause.	
srns_reloc_iu_rel_in_contr_by_2cn_due_to_prot_cause	nok_nkrnc_iursrlrqtgt_tab.umoviib1im2ahsxr0035xkcuai	INTEGER	#	A number of IU release requests during incoming 2CN controlled SRNS relocations due to a Protocol cause.	Sum, nkrttbh, tot
srns_reloc_iu_rel_in_contr_by_2cn_due_to_rn_layer_cause	nok_nkrnc_iursrlrqtgt_tab.umovii21im2ahsxr0035xkcuai	INTEGER	#	A number of IU release requests during incoming 2CN controlled SRNS relocations due to a Radio Network Layer cause.	Sum, nkrttbh, tot
srns_reloc_iu_rel_in_contr_by_2cn_due_to_tr_cause	nok_nkrnc_iursrlrqtgt_tab.umovii41im2ahsxr0035xkcuai	INTEGER	#	A number of IU release requests during incoming 2CN controlled SRNS relocations due to a Transport Layer cause.	Sum, nkrttbh, tot
srns_reloc_iu_rel_in_contr_by_msc_due_to_misc_cause	nok_nkrnc_iursrlrqtgt_tab.umovihl1im2ahsxr0035xkcuai	INTEGER	#	A number of IU release requests during incoming MSC controlled SRNS relocations due to a Miscellaneous cause.	Sum, nkrttbh, tot
srns_reloc_iu_rel_in_contr_by_msc_due_to_nas_cause	nok_nkrnc_iursrlrqtgt_tab.umovihh1im2ahsxr0035xkcuai	INTEGER	#	A number of IU release requests during incoming MSC controlled SRNS relocations due to a Non Access Stratum cause.	Sum, nkrttbh, tot

This edition applies to IBM® Tivoli® Netcool® Performance Manager for Wireless and to all subsequent releases and modifications until otherwise indicated in new editions.

srns_reloc_iu_rel_in_contr_by_msc_due_to_non_stan_cause	nok_nkrnc_iursrlrqtgt_tab.umovihn1im2ahsxr0035xkcuai	INTEGER	#	A number of IU release requests during incoming MSC controlled SRNS relocations due to a Non Standard cause.	Sum, nkrttbh, tot
srns_reloc_iu_rel_in_contr_by_msc_due_to_prot_cause	nok_nkrnc_iursrlrqtgt_tab.umovihj1im2ahsxr0035xkcuai	INTEGER	#	A number of IU release requests during incoming MSC controlled SRNS relocations due to a Protocol cause.	Sum, nkrttbh, tot
srns_reloc_iu_rel_in_contr_by_msc_due_to_rn_layer_cause	nok_nkrnc_iursrlrqtgt_tab.umovihd1im2ahsxr0035xkcuai	INTEGER	#	A number of IU release requests during incoming MSC controlled SRNS relocations due to a Radio Network Layer cause.	Sum, nkrttbh, tot
srns_reloc_iu_rel_in_contr_by_msc_due_to_tr_cause	nok_nkrnc_iursrlrqtgt_tab.umovihf1im2ahsxr0035xkcuai	INTEGER	#	A number of IU release requests during incoming MSC controlled SRNS relocations due to a Transport Layer cause.	Sum, nkrttbh, tot
srns_reloc_iu_rel_in_contr_by_sgsn_due_to_misc_cause	nok_nkrnc_iursrlrqtgt_tab.umovihx1im2ahsxr0035xkcuai	INTEGER	#	A number of IU release requests during incoming SGSN controlled SRNS relocations due to a Miscellaneous cause.	Sum, nkrttbh, tot
srns_reloc_iu_rel_in_contr_by_sgsn_due_to_nas_cause	nok_nkrnc_iursrlrqtgt_tab.umoviht1im2ahsxr0035xkcuai	INTEGER	#	A number of IU release requests during incoming SGSN controlled SRNS relocations due to a Non Access	Sum, nkrttbh, tot

				Stratum cause.	
srns_reloc_iu_rel_in_contr_by_sgsn_due_to_non_stan_cause	nok_nkrnc_iursrlrqtgt_tab.umovii01im2ahsxr0035xkcuai	INTEGER	#	A number of IU release requests during incoming SGSN controlled SRNS relocations due to a Non Standard cause.	Sum, nkrttbh, tot
srns_reloc_iu_rel_in_contr_by_sgsn_due_to_prot_cause	nok_nkrnc_iursrlrqtgt_tab.umovihv1im2ahsxr0035xkcuai	INTEGER	#	A number of IU release requests during incoming SGSN controlled SRNS relocations due to a Protocol cause.	Sum, nkrttbh, tot
srns_reloc_iu_rel_in_contr_by_sgsn_due_to_rn_layer_cause	nok_nkrnc_iursrlrqtgt_tab.umovihp1im2ahsxr0035xkcuai	INTEGER	#	A number of IU release requests during incoming SGSN controlled SRNS relocations due to a Radio Network Layer cause.	Sum, nkrttbh, tot
srns_reloc_iu_rel_in_contr_by_sgsn_due_to_tr_cause	nok_nkrnc_iursrlrqtgt_tab.umovihr1im2ahsxr0035xkcuai	INTEGER	#	A number of IU release requests during incoming SGSN controlled SRNS relocations due to a Transport Layer cause.	Sum, nkrttbh, tot

6.34.89RNC.Nokia.UMTS.rnsap.relocation.allocation

RNC level: RNSAP - Relocation resource allocation statistics

KPI Name	Expression	Data Type	Units	Description	Aggregation

srns_reloc_in_prep_req_contr_by_2cn	nok_nkrnc_rspcalloc_tab.umoviip1im2ahsxr0035xkcuai	INTEGER	#	A number of incoming 2CN controlled SRNS relocation preparation requests.HC makes a relocation decision based on the UE measurement report.	Sum, nkrttbh, tot
srns_reloc_in_prep_req_contr_by_msc	nok_nkrnc_rspcalloc_tab.umoviil1im2ahsxr0035xkcuai	INTEGER	#	A number of incoming MSC controlled SRNS relocation preparation requests.HC makes a relocation decision based on the UE measurement report.	Sum, nkrttbh, tot
srns_reloc_in_prep_req_contr_by_sgsn	nok_nkrnc_rspcalloc_tab.umoviin1im2ahsxr0035xkcuai	INTEGER	#	A number of incoming SGSN controlled SRNS relocation preparation requests.HC makes a relocation decision based on the UE measurement report.	Sum, nkrttbh, tot
srns_reloc_in_prep_succ_contr_by_2cn	nok_nkrnc_rspcalloc_tab.umoviiv1im2ahsxr0035xkcuai	INTEGER	#	A number of successful incoming 2CN controlled SRNS relocation preparation requests.	Sum, nkrttbh, tot
srns_reloc_in_prep_succ_contr_by_msc	nok_nkrnc_rspcalloc_tab.umoviir1im2ahsxr0035xkcuai	INTEGER	#	A number of successful incoming MSC controlled SRNS relocation	Sum, nkrttbh, tot

				preparation requests.	
srns_reloc_in_prep_succ_contr_by_sgsn	nok_nkrnc_rspcalloc_tab.umoviit1im2ahsxr0035xkcuai	INTEGER	#	A number of successful incoming SGSN controlled SRNS relocation preparation requests.	Sum, nkrttbh, tot
srns_reloc_in_prep_unsucc_contr_by_2cn_due_to_misc_cause	nok_nkrnc_rspcalloc_tab.umovijx1im2ahsxr0035xkcuai	INTEGER	#	A number of incoming 2CN controlled SRNS relocation preparation failures due to a Miscellaneous cause.	Sum, nkrttbh, tot
srns_reloc_in_prep_unsucc_contr_by_2cn_due_to_nas_cause	nok_nkrnc_rspcalloc_tab.umovijt1im2ahsxr0035xkcuai	INTEGER	#	A number of incoming 2CN controlled SRNS relocation preparation failures due to a Non Access Stratum cause.	Sum, nkrttbh, tot
srns_reloc_in_prep_unsucc_contr_by_2cn_due_to_non_stan_cause	nok_nkrnc_rspcalloc_tab.umovik01im2ahsxr0035xkcuai	INTEGER	#	A number of incoming 2CN controlled SRNS relocation preparation failures due to a Non Standard cause.	Sum, nkrttbh, tot
srns_reloc_in_prep_unsucc_contr_by_2cn_due_to_prot_cause	nok_nkrnc_rspcalloc_tab.umovijv1im2ahsxr0035xkcuai	INTEGER	#	A number of incoming 2CN controlled SRNS relocation preparation failures due to a Protocol cause.	Sum, nkrttbh, tot

This edition applies to IBM® Tivoli® Netcool® Performance Manager for Wireless and to all subsequent releases and modifications until otherwise indicated in new editions.

srns_reloc_in_prep_unsucc_contr_by_2cn_due_to_rn_layer_cause	nok_nkrnc_rspcalloc_tab.umovijp1im2ahsxr0035xkcuai	INTEGER	#	A number of incoming 2CN controlled SRNS relocation preparation failures due to a Radio Network Layer cause.	Sum, nkrttbh, tot
srns_reloc_in_prep_unsucc_contr_by_2cn_due_to_tr_cause	nok_nkrnc_rspcalloc_tab.umovijr1im2ahsxr0035xkcuai	INTEGER	#	A number of incoming 2CN controlled SRNS relocation preparation failures due to a Transport Layer cause.	Sum, nkrttbh, tot
srns_reloc_in_prep_unsucc_contr_by_msc_due_to_misc_cause	nok_nkrnc_rspcalloc_tab.umovij61im2ahsxr0035xkcuai	INTEGER	#	A number of incoming MSC controlled SRNS relocation preparation failures due to a Miscellaneous cause.	Sum, nkrttbh, tot
srns_reloc_in_prep_unsucc_contr_by_msc_due_to_nas_cause	nok_nkrnc_rspcalloc_tab.umovij21im2ahsxr0035xkcuai	INTEGER	#	A number of incoming MSC controlled SRNS relocation preparation failures due to a Non Access Stratum cause.	Sum, nkrttbh, tot
srns_reloc_in_prep_unsucc_contr_by_msc_due_to_non_stan_cause	nok_nkrnc_rspcalloc_tab.umovijb1im2ahsxr0035xkcuai	INTEGER	#	A number of incoming MSC controlled SRNS relocation preparation failures due to a Non Standard cause.	Sum, nkrttbh, tot
srns_reloc_in_prep_unsucc_contr_by_msc_due_to_prot_cause	nok_nkrnc_rspcalloc_tab.umovij41im2ahsxr0035xkcuai	INTEGER	#	A number of incoming MSC controlled SRNS relocation preparation failures	Sum, nkrttbh, tot

				due to a Protocol cause.	
srns_reloc_in_prep_unsucc_contr_by_msc_due_to_rn_layer_cause	nok_nkrnc_rspcalloc_tab.umoviix1im2ahsxr0035xkcuai	INTEGER	#	A number of incoming MSC controlled SRNS relocation preparation failures due to a Radio Network Layer cause.	Sum, nkrttbh, tot
srns_reloc_in_prep_unsucc_contr_by_msc_due_to_tr_cause	nok_nkrnc_rspcalloc_tab.umovij01im2ahsxr0035xkcuai	INTEGER	#	A number of incoming MSC controlled SRNS relocation preparation failures due to a Transport Layer cause.	Sum, nkrttbh, tot
srns_reloc_in_prep_unsucc_contr_by_sgsn_due_to_misc_cause	nok_nkrnc_rspcalloc_tab.umovijl1im2ahsxr0035xkcuai	INTEGER	#	A number of incoming SGSN controlled SRNS relocation preparation failures due to a Miscellaneous cause.	Sum, nkrttbh, tot
srns_reloc_in_prep_unsucc_contr_by_sgsn_due_to_nas_cause	nok_nkrnc_rspcalloc_tab.umovijh1im2ahsxr0035xkcuai	INTEGER	#	A number of incoming SGSN controlled SRNS relocation preparation failures due to a Non Access Stratum cause.	Sum, nkrttbh, tot
srns_reloc_in_prep_unsucc_contr_by_sgsn_due_to_non_stan_cause	nok_nkrnc_rspcalloc_tab.umovijn1im2ahsxr0035xkcuai	INTEGER	#	A number of incoming SGSN controlled SRNS relocation preparation failures	Sum, nkrttbh, tot

				due to a Non Standard cause.	
srns_reloc_in_prep_unsucc_contr_by_sgsn_due_to_prot_cause	nok_nkrnc_rspcalloc_tab.umovijj1im2ahsxr0035xkcuai	INTEGER	#	A number of incoming SGSN controlled SRNS relocation preparation failures due to a Protocol cause.	Sum, nkrttbh, tot
srns_reloc_in_prep_unsucc_contr_by_sgsn_due_to_rn_layer_cause	nok_nkrnc_rspcalloc_tab.umovijd1im2ahsxr0035xkcuai	INTEGER	#	A number of incoming SGSN controlled SRNS relocation preparation failures due to a Radio Network Layer cause.	Sum, nkrttbh, tot
srns_reloc_in_prep_unsucc_contr_by_sgsn_due_to_tr_cause	nok_nkrnc_rspcalloc_tab.umovijf1im2ahsxr0035xkcuai	INTEGER	#	A number of incoming SGSN controlled SRNS relocation preparation failures due to a Transport Layer cause.	Sum, nkrttbh, tot

6.34.90RNC.Nokia.UMTS.rnsap.relocation.cancel_cn

RNC level: RNSAP - Relocation to 2CN cancelled by SRNC statistics

KPI Name	Expression	Data Type	Units	Description	Aggregation
srns_reloc_out_cancel_contr_by_2cn_due_to_misc_cause	nok_nkrnc_rspccclcn_tab.umovikh1im2ahsxr0035xkcuai	INTEGER	#	A number of outgoing 2CN controlled SRNS relocation cancellations due to a Miscellaneous cause.	Sum, nkrttbh, tot
srns_reloc_out_cancel_contr_by_2cn_due_to_nas_cause	nok_nkrnc_rspccclcn_tab.umovikd1im2ahsxr0035xkcuai	INTEGER	#	A number of outgoing 2CN controlled SRNS relocation	Sum, nkrttbh, tot

				cancellations due to a Non Access Stratum cause.	
srns_reloc_out_cancel_contr_by_2cn_due_to_non_stan_cause	nok_nkrnc_rspccclcn_tab.umovikj1im2ahsxr0035xkcuai	INTEGER	#	A number of outgoing 2CN controlled SRNS relocation cancellations due to a Non Standard cause.	Sum, nkrttbh, tot
srns_reloc_out_cancel_contr_by_2cn_due_to_prot_cause	nok_nkrnc_rspccclcn_tab.umovikf1im2ahsxr0035xkcuai	INTEGER	#	A number of outgoing 2CN controlled SRNS relocation cancellations due to a Protocol cause.	Sum, nkrttbh, tot
srns_reloc_out_cancel_contr_by_2cn_due_to_reloc_ove_tim_exp	nok_nkrnc_rspccclcn_tab.umovik41im2ahsxr0035xkcuai	INTEGER	#	A number of outgoing 2CN controlled SRNS relocation cancellations due to the expiry of the relocation overall timer.	Sum, nkrttbh, tot
srns_reloc_out_cancel_contr_by_2cn_due_to_reloc_prep_tim_exp	nok_nkrnc_rspccclcn_tab.umovik61im2ahsxr0035xkcuai	INTEGER	#	A number of outgoing 2CN controlled SRNS relocation cancellations due to the expiry of the relocation preparation timer.	Sum, nkrttbh, tot
srns_reloc_out_cancel_contr_by_2cn_due_to_rn_layer_cause	nok_nkrnc_rspccclcn_tab.umovik21im2ahsxr0035xkcuai	INTEGER	#	A number of outgoing 2CN controlled SRNS relocation cancellations due to a Radio Network	Sum, nkrttbh, tot

This edition applies to IBM® Tivoli® Netcool® Performance Manager for Wireless and to all subsequent releases and modifications until otherwise indicated in new editions.

				Layer cause.	
srns_reloc_out_cancel_contr_by_2cn_due_to_tr_cause	nok_nkrnc_rspccclcn_tab.umovikb1im2ahsxr0035xkcuai	INTEGER	#	A number of outgoing 2CN controlled SRNS relocation cancellations due to a Transport Layer cause.	Sum, nkrttbh, tot

6.34.91RNC.Nokia.UMTS.rnsap.relocation.cancel_msc

RNC level: RNSAP - Relocation to MSC cancelled by SRNC statistics

KPI Name	Expression	Data Type	Units	Description	Aggregation
srns_reloc_out_cancel_contr_by_msc_due_to_misc_cause	nok_nkrnc_rspccclmsc_tab.umovikx1im2ahsxr0035xkcuai	INTEGER	#	A number of outgoing MSC controlled SRNS relocation cancellations due to a Miscellaneous cause.	Sum, nkrttbh, tot
srns_reloc_out_cancel_contr_by_msc_due_to_nas_cause	nok_nkrnc_rspccclmsc_tab.umovikt1im2ahsxr0035xkcuai	INTEGER	#	A number of outgoing MSC controlled SRNS relocation cancellations due to a Non Access Stratum cause.	Sum, nkrttbh, tot
srns_reloc_out_cancel_contr_by_msc_due_to_non_stan_cause	nok_nkrnc_rspccclmsc_tab.umovil01im2ahsxr0035xkcuai	INTEGER	#	A number of outgoing MSC controlled SRNS relocation cancellations due to a Non Standard cause.	Sum, nkrttbh, tot
srns_reloc_out_cancel_contr_by_msc_due_to_prot_cause	nok_nkrnc_rspccclmsc_tab.umovikv1im2ahsxr0035xkcuai	INTEGER	#	A number of outgoing MSC controlled SRNS relocation cancellations due to a Protocol cause.	Sum, nkrttbh, tot

srns_reloc_out_cancel_contr_by_msc_due_to_reloc_ove_tim_exp	nok_nkrnc_rspccclmsc_tab.umovikn1im2ahsxr0035xkcuai	INTEGER	#	A number of outgoing MSC controlled SRNS relocation cancellations due to the expiry of the relocation overall timer.	Sum, nkrttbh, tot
srns_reloc_out_cancel_contr_by_msc_due_to_reloc_prep_tim_exp	nok_nkrnc_rspccclmsc_tab.umovikp1im2ahsxr0035xkcuai	INTEGER	#	A number of outgoing MSC controlled SRNS relocation cancellations due to the expiry of the relocation preparation timer.	Sum, nkrttbh, tot
srns_reloc_out_cancel_contr_by_msc_due_to_rn_layer_cause	nok_nkrnc_rspccclmsc_tab.umovikl1im2ahsxr0035xkcuai	INTEGER	#	A number of outgoing MSC controlled SRNS relocation cancellations due to a Radio Network Layer cause.	Sum, nkrttbh, tot
srns_reloc_out_cancel_contr_by_msc_due_to_tr_cause	nok_nkrnc_rspccclmsc_tab.umovikr1im2ahsxr0035xkcuai	INTEGER	#	A number of outgoing MSC controlled SRNS relocation cancellations due to a Transport Layer cause.	Sum, nkrttbh, tot

6.34.92RNC.Nokia.UMTS.rnsap.relocation.cancel_sgsn

RNC level: RNSAP - Relocation to SGSN cancelled by SRNC statistics

KPI Name	Expression	Data Type	Units	Description	Aggregation
srns_reloc_out_can	nok_nkrnc_rspccclsgsn_tab	INTEG	#	A number of	Sum,

cel_contr_by_sgsn_due_to_misc_cause	.umovilh1im2ahsxr0035xkcuai	ER		outgoing SGSN controlled SRNS relocation cancellations due to a Miscellaneous cause.	nkrttbh, tot
srns_reloc_out_cancel_contr_by_sgsn_due_to_nas_cause	nok_nkrnc_rspccclsgsn_tab.umovild1im2ahsxr0035xkcuai	INTEGER	#	A number of outgoing SGSN controlled SRNS relocation cancellations due to a Non Access Stratum cause.	Sum, nkrttbh, tot
srns_reloc_out_cancel_contr_by_sgsn_due_to_non_stan_cause	nok_nkrnc_rspccclsgsn_tab.umovilj1im2ahsxr0035xkcuai	INTEGER	#	A number of outgoing SGSN controlled SRNS relocation cancellations due to a Non Standard cause.	Sum, nkrttbh, tot
srns_reloc_out_cancel_contr_by_sgsn_due_to_prot_cause	nok_nkrnc_rspccclsgsn_tab.umovilf1im2ahsxr0035xkcuai	INTEGER	#	A number of outgoing SGSN controlled SRNS relocation cancellations due to a Protocol cause.	Sum, nkrttbh, tot
srns_reloc_out_cancel_contr_by_sgsn_due_to_reloc_ove_tim_exp	nok_nkrnc_rspccclsgsn_tab.umovil41im2ahsxr0035xkcuai	INTEGER	#	A number of outgoing SGSN controlled SRNS relocation cancellations due to the expiry of the relocation overall timer.	Sum, nkrttbh, tot
srns_reloc_out_cancel_contr_by_sgsn_due_to_reloc_prep_tim_exp	nok_nkrnc_rspccclsgsn_tab.umovil61im2ahsxr0035xkcuai	INTEGER	#	A number of outgoing SGSN controlled SRNS relocation cancellations due to the expiry of the relocation preparation timer.	Sum, nkrttbh, tot

srns_reloc_out_cancel_contr_by_sgsn_due_to_rn_layer_cause	nok_nkrnc_rspccclsgsn_tab.umovil21im2ahsxr0035xkcuai	INTEGER	#	A number of outgoing SGSN controlled SRNS relocation cancellations due to a Radio Network Layer cause.	Sum, nkrttbh, tot
srns_reloc_out_cancel_contr_by_sgsn_due_to_tr_cause	nok_nkrnc_rspccclsgsn_tab.umovilb1im2ahsxr0035xkcuai	INTEGER	#	A number of outgoing SGSN controlled SRNS relocation cancellations due to a Transport Layer cause.	Sum, nkrttbh, tot

6.34.93RNC.Nokia.UMTS.rnsap.relocation.misc_target

RNC level: RNSAP - Relocation detected/completed by Target RNC statistics

KPI Name	Expression	Data Type	Units	Description	Aggregation
srns_reloc_compl_in_target_rnc_contr_by_2cn	nok_nkrnc_rspccclmitgt_tab.umovilv1im2ahsxr0035xkcuai	INTEGER	#	A number of outgoing relocation complete messages during incoming 2CN controlled SRNS relocation.	Sum, nkrttbh, tot
srns_reloc_compl_in_target_rnc_contr_by_msc	nok_nkrnc_rspccclmitgt_tab.umovilr1im2ahsxr0035xkcuai	INTEGER	#	A number of outgoing relocation complete messages during incoming MSC controlled SRNS relocation.	Sum, nkrttbh, tot
srns_reloc_compl_in_target_rnc_contr_by_sgsn	nok_nkrnc_rspccclmitgt_tab.umovilt1im2ahsxr0035xkcuai	INTEGER	#	A number of outgoing relocation complete messages during incoming SGSN controlled	Sum, nkrttbh, tot

				SRNS relocation.	
srns_reloc_det_in_target_rnc_contr_by_2cn	nok_nkrnc_rspccclmitgt_tab.umovilp1im2ahsxr0035xkcuai	INTEGER	#	A number of outgoing relocation detect messages during incoming 2CN controlled SRNS relocation.	Sum, nkrttbh, tot
srns_reloc_det_in_target_rnc_contr_by_msc	nok_nkrnc_rspccclmitgt_tab.umovill1im2ahsxr0035xkcuai	INTEGER	#	A number of outgoing relocation detect messages during incoming MSC controlled SRNS relocation.	Sum, nkrttbh, tot
srns_reloc_det_in_target_rnc_contr_by_sgsn	nok_nkrnc_rspccclmitgt_tab.umoviln1im2ahsxr0035xkcuai	INTEGER	#	A number of outgoing relocation detect messages during incoming SGSN controlled SRNS relocation.	Sum, nkrttbh, tot

6.34.94RNC.Nokia.UMTS.rnsap.relocation.preparation

RNC level: RNSAP - Relocation preparation by SRNC statistics

KPI Name	Expression	Data Type	Units	Description	Aggregation
srns_reloc_out_prep_req_contr_by_2cn	nok_nkrnc_rspcprep_tab.umovim21im2ahsxr0035xkcuai	INTEGER	#	A number of outgoing 2CN controlled SRNS relocation preparation requests.HC makes a relocation decision based on the UE measurement report.	Sum, nkrttbh, tot
srns_reloc_out_prep_req_contr_by_msc	nok_nkrnc_rspcprep_tab.umovilx1im2ahsxr0035xkcuai	INTEGER	#	A number of outgoing MSC controlled SRNS relocation preparation	Sum, nkrttbh, tot

				requests.HC makes a relocation decision based on the UE measurement report.	
srns_reloc_out_prep_req_contr_by_sgsn	nok_nkrnc_rspcprep_tab.umovim01im2ahsxr0035xkcuai	INTEGER	#	A number of outgoing SGSN controlled SRNS relocation preparation requests.HC makes a relocation decision based on the UE measurement report.	Sum, nkrttbh, tot
srns_reloc_out_prep_succ_contr_by_2cn	nok_nkrnc_rspcprep_tab.umovimb1im2ahsxr0035xkcuai	INTEGER	#	A number of successful outgoing 2CN controlled SRNS relocation preparation requests.	Sum, nkrttbh, tot
srns_reloc_out_prep_succ_contr_by_msc	nok_nkrnc_rspcprep_tab.umovim41im2ahsxr0035xkcuai	INTEGER	#	A number of successful outgoing MSC controlled SRNS relocation preparation requests.	Sum, nkrttbh, tot
srns_reloc_out_prep_succ_contr_by_sgsn	nok_nkrnc_rspcprep_tab.umovim61im2ahsxr0035xkcuai	INTEGER	#	A number of successful outgoing SGSN controlled SRNS relocation preparation requests.	Sum, nkrttbh, tot
srns_reloc_out_prep_unsucc_contr_by_2cn_due_non_sta	nok_nkrnc_rspcprep_tab.umovinf1im2ahsxr0035xkcuai	INTEGER	#	A number of outgoing 2CN controlled SRNS	Sum, nkrttbh, tot

n_cause				relocation preparation failures due to a Non Standard cause.	
srns_reloc_out_prep_unsucc_contr_by_2cn_due_to_nas_cause	nok_nkrnc_rspcprep_tab.umovin61im2ahsxr0035xkcuai	INTEGER	#	A number of outgoing 2CN controlled SRNS relocation preparation failures due to a Non Access Stratum cause.	Sum, nkrttbh, tot
srns_reloc_out_prep_unsucc_contr_by_2cn_due_to_prot_cause	nok_nkrnc_rspcprep_tab.umovinb1im2ahsxr0035xkcuai	INTEGER	#	A number of outgoing 2CN controlled SRNS relocation preparation failures due to a Protocol cause.	Sum, nkrttbh, tot
srns_reloc_out_prep_unsucc_contr_by_2cn_due_to_rn_layer_cause	nok_nkrnc_rspcprep_tab.umovin21im2ahsxr0035xkcuai	INTEGER	#	A number of outgoing 2CN controlled SRNS relocation preparation failures due to a Radio Network Layer cause.	Sum, nkrttbh, tot
srns_reloc_out_prep_unsucc_contr_by_2cn_due_to_tr_layer_cause	nok_nkrnc_rspcprep_tab.umovin41im2ahsxr0035xkcuai	INTEGER	#	A number of outgoing 2CN controlled SRNS relocation preparation failures due to a Transport Layer cause.	Sum, nkrttbh, tot
srns_reloc_out_prep_unsucc_contr_by_2cn_rec_from_sgsn_due_misc_cause	nok_nkrnc_rspcprep_tab.umovind1im2ahsxr0035xkcuai	INTEGER	#	A number of outgoing 2CN controlled SRNS relocation preparation failures from the SGSN due to a Miscellaneous cause.	Sum, nkrttbh, tot

srns_reloc_out_prep_unsucc_contr_by_msc_due_to_misc_cause	nok_nkrnc_rspcprep_tab.umoviml1im2ahsxr0035xkcuai	INTEGER	#	A number of outgoing MSC controlled SRNS relocation preparation failures due to a Miscellaneous cause.	Sum, nkrttbh, tot
srns_reloc_out_prep_unsucc_contr_by_msc_due_to_nas_cause	nok_nkrnc_rspcprep_tab.umovimh1im2ahsxr0035xkcuai	INTEGER	#	A number of outgoing MSC controlled SRNS relocation preparation failures due to a Non Access Stratum cause.	Sum, nkrttbh, tot
srns_reloc_out_prep_unsucc_contr_by_msc_due_to_non_stan_cause	nok_nkrnc_rspcprep_tab.umovimn1im2ahsxr0035xkcuai	INTEGER	#	A number of outgoing MSC controlled SRNS relocation preparation failures due to a Non Standard cause.	Sum, nkrttbh, tot
srns_reloc_out_prep_unsucc_contr_by_msc_due_to_prot_cause	nok_nkrnc_rspcprep_tab.umovimj1im2ahsxr0035xkcuai	INTEGER	#	A number of outgoing MSC controlled SRNS relocation preparation failures due to a Protocol cause.	Sum, nkrttbh, tot
srns_reloc_out_prep_unsucc_contr_by_msc_due_to_rn_layer_cause	nok_nkrnc_rspcprep_tab.umovimd1im2ahsxr0035xkcuai	INTEGER	#	A number of outgoing MSC controlled SRNS relocation preparation failures due to a Radio Network Layer cause.	Sum, nkrttbh, tot

This edition applies to IBM® Tivoli® Netcool® Performance Manager for Wireless and to all subsequent releases and modifications until otherwise indicated in new editions.

srns_reloc_out_prep_unsucc_contr_by_msc_due_to_tr_layer_cause	nok_nkrnc_rspcprep_tab.umovimf1im2ahsxr0035xkcuai	INTEGER	#	A number of outgoing MSC controlled SRNS relocation preparation failures due to a Transport Layer cause.	Sum, nkrttbh, tot
srns_reloc_out_prep_unsucc_contr_by_sgsn_due_to_misc_cause	nok_nkrnc_rspcprep_tab.umovimx1im2ahsxr0035xkcuai	INTEGER	#	A number of outgoing SGSN controlled SRNS relocation preparation failures due to a Miscellaneous cause.	Sum, nkrttbh, tot
srns_reloc_out_prep_unsucc_contr_by_sgsn_due_to_nas_cause	nok_nkrnc_rspcprep_tab.umovimt1im2ahsxr0035xkcuai	INTEGER	#	A number of outgoing SGSN controlled SRNS relocation preparation failures due to a Non Access Stratum cause.	Sum, nkrttbh, tot
srns_reloc_out_prep_unsucc_contr_by_sgsn_due_to_non_stan_cause	nok_nkrnc_rspcprep_tab.umovin01im2ahsxr0035xkcuai	INTEGER	#	A number of outgoing SGSN controlled SRNS relocation preparation failures due to a Non Standard cause.	Sum, nkrttbh, tot
srns_reloc_out_prep_unsucc_contr_by_sgsn_due_to_prot_cause	nok_nkrnc_rspcprep_tab.umovimv1im2ahsxr0035xkcuai	INTEGER	#	A number of outgoing SGSN controlled SRNS relocation preparation failures due to a Protocol cause.	Sum, nkrttbh, tot
srns_reloc_out_prep_unsucc_contr_by_sgsn_due_to_rn_layer_cause	nok_nkrnc_rspcprep_tab.umovimp1im2ahsxr0035xkcuai	INTEGER	#	A number of outgoing SGSN controlled SRNS relocation preparation failures due to a Radio	Sum, nkrttbh, tot

				Network Layer cause.	
srns_reloc_out_prep_unsucc_contr_by_sgsn_due_to_tr_layer_cause	nok_nkrnc_rspcprep_tab.umovimr1im2ahsxr0035xkcuai	INTEGER	#	A number of outgoing SGSN controlled SRNS relocation preparation failures due to a Transport Layer cause.	Sum, nkrttbh, tot

6.34.95RNC.Nokia.UMTS.rnsap.relocation

RNC level: RNSAP - Committed SRNS relocation statistics

KPI Name	Expression	Data Type	Units	Description	Aggregation
reloc_commit_in_source_rnc	nok_rncrnsap_reloc_tab.umoviih1im2ahsxr0035xkcuai	INTEGER	#	A number of committed Serving RNS Relocations on source RNC side.	Sum, nkrttbh, tot
reloc_commit_in_target_rnc	nok_rncrnsap_reloc_tab.umoviij1im2ahsxr0035xkcuai	INTEGER	#	A number of committed Serving RNS Relocations on target RNC side.	Sum, nkrttbh, tot

6.34.96RNC.Nokia.UMTS.sabp_measurements

Service Area Broadcast Protocol (SABP) measurements

KPI Name	Expression	Data Type	Units	Description	Aggregation
error_indication_msg_to_cbc	nok_nkrnc_sabp_tab.uknxlu6ahl26seccb00hw01qk4	INT8	#	Number of SABP: ERROR INDICATION messages sent to CBC.	Sum, nkrttbh, tot

failure_msg_to_cbc	nok_nkrnc_sabp_tab.ukmk5txahl26seccb00hw01qk4	INT8	#	Number of SABP: FAILURE messages sent to CBC.	Sum, nkrttbh, tot
load_query_complete_msg_to_cbc	nok_nkrnc_sabp_tab.ukvj522ahl26seccb00hw01qk4	INT8	#	Number of SABP: LOAD QUERY COMPLETE messages sent to CBC.	Sum, nkrttbh, tot
load_query_msg_from_cbc	nok_nkrnc_sabp_tab.ukuacxlahl26seccb00hw01qk4	INT8	#	Number of SABP: LOAD QUERY messages received from CBC.	Sum, nkrttbh, tot
message_status_query_complete_msg_to_cbc	nok_nkrnc_sabp_tab.ukt15etahl26seccb00hw01qk4	INT8	#	Number of SABP: MESSAGE STATUS QUERY COMPLETE messages sent to CBC.	Sum, nkrttbh, tot
message_status_query_msg_from_cbc	nok_nkrnc_sabp_tab.ukrsq56ahl26seccb00hw01qk4	INT8	#	Number of SABP: MESSAGE STATUS QUERY messages received from CBC.	Sum, nkrttbh, tot
nbr_kill_comp_msg_sent_cbc	nok_nkrnc_sabp_tab.ukqfx16ahl26seccb00hw01qk4	INT8	#	Number of SABP: KILL COMPLETE message sent to CBC.	Sum, nkrttbh, tot
nbr_kill_msg_rec_cbc	nok_nkrnc_sabp_tab.ukp56ppahl26seccb00hw01qk4	INT8	#	Number of SABP: KILL messages received from CBC.	Sum, nkrttbh, tot
reset_complete_msg_to_cbc	nok_nkrnc_sabp_tab.uky0qfxahl26seccb00hw01qk4	INT8	#	Number of SABP: RESET COMPLETE messages sent to CBC.	Sum, nkrttbh, tot
reset_msg_from_cbc	nok_nkrnc_sabp_tab.ukwrvpxahl26seccb00hw01qk4	INT8	#	Number of SABP: RESET messages received from CBC.	Sum, nkrttbh, tot
restart_msg_to_cbc	nok_nkrnc_sabp_tab.uklf6x	INT8	#	Number of SABP:	Sum,

	hahl26seccb00hw01qk4			RESTART messages sent to CBC.	nkrttbh, tot
write_replace_complete_msg_to_cbc	nok_nkrnc_sabp_tab.ukk4l06ahl26seccb00hw01qk4	INT8	#	Number of SABP: WRITE-REPLACE COMPLETE messages sent to CBC.	Sum, nkrttbh, tot
write_replace_msg_from_cbc	nok_nkrnc_sabp_tab.ukiw1bdahl26seccb00hw01qk4	INT8	#	Number of SABP: WRITE-REPLACE messages received from CBC.	Sum, nkrttbh, tot

6.34.97RNC.Nokia.UMTS.sccp_single_meters

SCCP messages statistics

KPI Name	Expression	Data Type	Units	Description	Aggregation
hop_counter_violations	nok_sccp_singmet_tab.xpvf066dmm2aicsd002uaxybdk	INTEGER	#	Hop counter violation, 7.13 in ITU-T Q.752.	Sum, nkrttbh, tot
msgs_req_gtt_from_local_subsys	nok_sccp_singmet_tab.xpvf05ndmm2aicsd002uaxybdk	INTEGER	#	Messages requiring GT translation from local subsystem.	Sum, nkrttbh, tot
msgs_req_gtt_to_local_subsys	nok_sccp_singmet_tab.xpvf05ldmm2aicsd002uaxybdk	INTEGER	#	Messages requiring GT translation to local subsystem.	Sum, nkrttbh, tot
reass_errors_no_reass_space	nok_sccp_singmet_tab.xpvf05xdmm2aicsd002uaxybdk	INTEGER	#	Reassembly error, no reassembly space, 7.12 in ITU-T Q.752.	Sum, nkrttbh, tot
reass_errors_reassembly_failed	nok_sccp_singmet_tab.xpvf060dmm2aicsd002uaxybdk	INTEGER	#	Reassembly error, Reassembly failed, 7.21 in ITU-T Q.752.	Sum, nkrttbh, tot

reass_errors_segm_out_of_seq	nok_sccp_singmet_tab.xpvf05vdmm2aicsd002uaxybdk	INTEGER	#	Reassembly error, Segment received out of sequence, 7.11 in ITU-T Q.752.	Sum, nkrttbh, tot
reass_errors_timer_expires	nok_sccp_singmet_tab.xpvf05tdmm2aicsd002uaxybdk	INTEGER	#	Reassembly error, Timer T(reass) expiry, 7.10 in ITU-T Q.752.	Sum, nkrttbh, tot
sccp_msgs_from_local_subsystem	nok_sccp_singmet_tab.xpvf05ddmm2aicsd002uaxybdk	INTEGER	#	Processed SCCP messages from local subsystem.	Sum, nkrttbh, tot
sccp_msgs_to_local_subsystem	nok_sccp_singmet_tab.xpvf05bdmm2aicsd002uaxybdk	INTEGER	#	Processed SCCP messages to local subsystem.	Sum, nkrttbh, tot
sccp_stp_messages_handled	nok_sccp_singmet_tab.xpvf05fdmm2aicsd002uaxybdk	INTEGER	#	Processed STP messages to local subsystem.	Sum, nkrttbh, tot
sccp_stp_msgs_requiring_gtt	nok_sccp_singmet_tab.xpvf05pdmm2aicsd002uaxybdk	INTEGER	#	STP messages requiring GT translation.	Sum, nkrttbh, tot
segm_errors_segm_not_supported	nok_sccp_singmet_tab.xpvf062dmm2aicsd002uaxybdk	INTEGER	#	Segmentation error - Segmenting not supported, 7.19 in ITU-T Q.752.	Sum, nkrttbh, tot
segm_errors_segmentation_fail	nok_sccp_singmet_tab.xpvf064dmm2aicsd002uaxybdk	INTEGER	#	Segmentation error - Segmentation failed, 7.20 in ITU-T Q.752.	Sum, nkrttbh, tot
total_messages_requiring_gtt	nok_sccp_singmet_tab.xpvf05rdmm2aicsd002uaxybdk	INTEGER	#	Messages requiring GT translation, total. 9.5 in ITU-T Q.752.	Sum, nkrttbh, tot
total_sccp_messages_handled	nok_sccp_singmet_tab.xpvf05jdmm2aicsd002uaxybdk	INTEGER	#	Processed SCCP messages, total. 9.3 in ITU-T Q.752.	Sum, nkrttbh, tot
user_independent_messages	nok_sccp_singmet_tab.xpvf05hdmm2aicsd002uaxybdk	INTEGER	#	Processed user independent SCCP messages.	Sum, nkrttbh, tot

6.34.98RNC.Nokia.UMTS.soft_handover.nrt

RNC NRT soft handover related statistics

KPI Name	Expression	Data Type	Units	Description	Aggregation
cell_addition_failure_on_sho_for_nrt_traffic	nok_nkrnc_sofhonrt_tab.ulgnuqlahl26seccb00hw01qk4	INT8	#	A number of cell addition failures on SHO for NRT traffic. When the mobile station sends an event triggered (event 1A) periodic measurement report to the RNC in order to add a cell into the active set. The event 1A triggered periodic reporting is controlled with parameters Addition Window and Addition Reporting Interval. Only the serving RNC (SRNC) can update the counter. This counter is updated in every cell that is in the active set on SRNC side when the RNC receives the measurement report. This counter is not updated in the cell that is the object of the addition failure/request.	Sum, nkrttbh, tot

cell_addition_request_on_sho_for_nrt_traffic	nok_nkrnc_sofhonrt_tab.uld0cblahl26seccb00hw01qk4	INTEGER	0.1s	A number of cell addition requests on SHO for NRT traffic. When a mobile station sends a measurement report (event1A) to the RNC in order to add a cell to the active set. The addition window of cells in event 1A is controlled with radio network planning . Parameters Addition Window and Addition Time. Only the SRNC can update the counter. The counter is updated in every cell that is in the active set on SRNC side when the RNC receives the measurement report. The counter is not updated in the cell that is the object of the addition request.	Sum, nkrttbh, tot
cell_deletion_failure_on_sho_for_nrt_traffic	nok_nkrnc_sofhonrt_tab.ulnwittahl26seccb00hw01qk4	INT8	#	This counter is updated, when UE sends a periodic measurement report triggered by event 1B to the RNC in order to remove a cell from the active set. That situation can appear, for example, when the RNC is prevented	Sum, nkrttbh, tot

				from deleting the old branch to the active set before the new branch is synchronised. Event 1B triggered periodic reporting is controlled with the Drop Window and Drop Reporting Interval parameters. Only the serving RNC (SRNC) can update the counter. The counter is updated in every cell that is in the active set on the SRNC side when the RNC receives the measurement report.	
cell_deletion_request_on_sho_for_nrt_traffic	nok_nkrnc_sofhonrt_tab.ule5e0xahl26seccb00hw01qk4	INT8	#	A number of cell deletion requests on SHO for NRT traffic. When a mobile station sends the measurement report (event1B) to the RNC in order to remove a cell from the active set. The drop window of cells in event 1B is controlled with parameters Drop Window and Drop Time. Only the SRNC can update	Sum, nkrttbh, tot

				the counter. The counter is updated in every cell (including the removed cell itself) that is in the active set on SRNC side when the RNC receives the measurement report.	
cell_replacement_failure_on_sho_for_nrt_traffic	nok_nkrnc_sofhonrt_tab.ulhvdg6ahl26seccb00hw01qk4	INT8	#	A number of cell replacement failures on SHO for NRT traffic. When the mobile station sends an event triggered (event 1C) periodic measurement report to the RNC in order to replace a cell in the active set with a non active cell. The event 1C triggered periodic reporting is controlled with parameters Replacement Window and Replacement Reporting Interval. Only the serving RNC (SRNC) can update the counter. This counter is updated in every cell that is in the active set on SRNC side when the RNC receives the measurement report. This counter is not updated in the non active cell	Sum, nkrttbh, tot

				that triggers the replacement request.	
cell_replacement_request_on_sho_for_nrt_traffic	nok_nkrnc_sofhonrt_tab.ulfg6olahl26seccb00hw01qk4	INT8	#	A number of cell replacement requests on SHO for NRT traffic. When a mobile station sends the measurement report (event1C) to the RNC in order to replace a cell in the active set with a non active cell. The event 1C is controlled with parameters Replacement Window and Replacement Time. Only the serving RNC (SRNC) can update the counter. This counter is updated in every cell that is in the active set on SRNC side when the RNC receives the measurement report. This counter is not updated in the non active cell that triggers the replacement request.	Sum, nkrttbh, tot
five_cells_in_the_active_set_for_nrt_srnc	nok_nkrnc_sofhonrt_tab.ul533t2ahl26seccb00hw01qk4	INTEGER	0.1s	- Obsolete in RN2.2 - A period of time when the cell	Sum, nkrttbh, tot

				belongs to the active set, the size of which is five. Only the serving RNC can update the counter. The unit value is 100 ms. This counter is updated in every cell that is in the active set on serving RN	
four_cells_in_the_active_set_for_nrt_srnc	nok_nkrnc_sofhonrt_tab.ul3thqpahl26seccb00hw01qk4	INTEGER	0.1s	- Obsolete in RN2.2 - A period of time when the cell belongs to the active set, the size of which is four. Only the serving RNC can update the counter. The unit value is 100 ms. This counter is updated in every cell that is in the active set on serving RN	Sum, nkrttbh, tot
high_ue_rx_tx_time_difference_for_nrt	nok_nkrnc_sofhonrt_tab.ulljwqpahl26seccb00hw01qk4	INT8	#	A number of successful active set updates on SHO for NRT traffic. When the RNC sends an ACTIVE SET UPDATE message to the mobile station in order to add, replace or delete a radio link (or links) from the active set and the mobile station acknowledges the messages by sending the	Sum, nkrttbh, tot

				ACTIVE SET UPDATE COMPLETE message. Only the serving RNC (SRNC) can update the counter.In case of cell addition/replacement, the counter is updated in every cell that is in the active set on SRNC side when the RNC sends the message. The counter is not updated in the cell that triggers the addition/replacement request. In case of cell deletion, the counter is updated in every cell(including the removed cell itself) that is in the active set on SRNC side when the RNC sends the ACTIVE SET UPDATE message.	
inter_rnc_soft_ho_duration_on_the_srnc_side_for_nrt_traffic	nok_nkrnc_sofhonrt_tab.ulbstg2ahl26seccb00hw01qk4	INTEGER	0.1s	Time period during which the cell participates in inter RNC soft handover on serving RNC (SRNC) side for NRT traffic.Only the SRNC may update this counter.	Average, avg, max, min, nkrttbh, tot

This edition applies to IBM® Tivoli® Netcool® Performance Manager for Wireless and to all subsequent releases and modifications until otherwise indicated in new editions.

				The unit value is 100 ms.	
low_ue_rx_tx_time_difference_for_nrt	nok_nkrnc_sofhonrt_tab.ulmr6ylahl26seccb00hw01qk4	INT8	#	A number of unsuccessful active setup dates on SHO for NRT traffic.When the mobile station acknowledges an active SET UPDATE message with an ACTIVE SET UPDATE FAILURE message or the timer expires in the serving RNC. Only the serving RNC (SRNC)can update the counter.In case of cell addition/replacement, the counter is updated in every cell that is in the active set on SRNC side when the RNC sends the active SET UPDATE message. The counter is not updated in the cell that triggers the addition/replacement request. In case of cell deletion, the counter is updated in every cell(including the removed cell itself) that is in the active set on SRNC side when the RNC sends the ACTIVE SET UPDATE	Sum, nkrttbh, tot

				message.	
one_cell_in_edch_active_set_duration	nok_nkrnc_sofhonrt_tab.uaqad521im2ahsxr0035xkcuai	INTEGER	0.1s	The sum of the time periods during which this cell has belonged to the E-DCH active set, whose size has been one.	Sum, nkrttbh, tot
one_cell_in_the_active_set_for_nrt_srnc	nok_nkrnc_sofhonrt_tab.ul0c3gdahl26seccb00hw01qk4	INTEGER	0.1s	A period of time when the cell belongs to the active set, the size of which is one. Only the serving RNC can update the counter. The unit value is 100 ms.	Sum, nkrttbh, tot
six_cells_in_the_active_set_for_nrt_srnc	nok_nkrnc_sofhonrt_tab.ul6e05tahl26seccb00hw01qk4	INTEGER	0.1s	- Obsolete in RN2.2 - A period of time when the cell belongs to the active set, the size of which is six. Only the serving RNC can update the counter. The unit value is 100 ms. This counter is updated in every cell that is in the active set on serving RNC	Sum, nkrttbh, tot
softer_handover_duration_on_the_srnc_side_for_nrt_traffic	nok_nkrnc_sofhonrt_tab.ulalt26ahl26seccb00hw01qk4	INTEGER	0.1s	Time period during which the cell participates in softer handover on serving RNC	Sum, nkrttbh, tot

This edition applies to IBM® Tivoli® Netcool® Performance Manager for Wireless and to all subsequent releases and modifications until otherwise indicated in new editions.

				(SRNC) side for NRT traffic.Only the SRNC may update the counter. The unit value is 100 ms.	
successful_active_set_updates_on_sho_for_nrt_traffic	nok_nkrnc_sofhonrt_tab.uljj3vphahl26seccb00hw01qk4	INT8	#	A number of successful active set updates on SHO for NRT traffic. When the RNC sends an ACTIVE SET UPDATE message to the mobile station in order to add, replace or delete a radio link (or links) from the active set and the mobile station acknowledges the messages by sending the ACTIVE SET UPDATE COMPLETE message. Only the serving RNC (SRNC) can update the counter.In case of cell addition/replacement, the counter is updated in every cell that is in the active set on SRNC side when the RNC sends the message. The counter is not updated in the cell that triggers the addition/replacement request. In case of cell deletion, the	Sum, nkrttbh, tot

				counter is updated in every cell(including the removed cell itself) that is in the active set on SRNC side when the RNC sends the ACTIVE SET UPDATE message.	
three_cells_in_edch_active_set_duration	nok_nkrnc_sofhonrt_tab.uaqad561im2ahsxr0035xkcuai	INTEGER	0.1s	The sum of the time periods during which this cell has belonged to the E-DCH active set, whose size has been three.	Sum, nkrttbh, tot
three_cells_in_the_active_set_for_nrt_srnc	nok_nkrnc_sofhonrt_tab.ul2p6t6ahl26seccb00hw01qk4	INTEGER	0.1s	A period of time when the cell belongs to the active set, the size of which is three. Only the serving RNC can update the counter. The unit value is 100 ms. This counter is updated in every cell that is in the active set on serving RNC side for NRT.	Sum, nkrttbh, tot
two_cells_in_edch_active_set_duration	nok_nkrnc_sofhonrt_tab.uaqad541im2ahsxr0035xkcuai	INTEGER	0.1s	The sum of the time periods during which this cell has belonged to the E-DCH active set, whose size has been two.	Sum, nkrttbh, tot

This edition applies to IBM® Tivoli® Netcool® Performance Manager for Wireless and to all subsequent releases and modifications until otherwise indicated in new editions.

two_cells_in_the_active_set_for_nrt_srnc	nok_nkrnc_sofhonrt_tab.ul1jldhahl26seccb00hw01qk4	INTEGER	0.1s	A period of time when the cell belongs to the active set, the size of which is two. Only the serving RNC can update the counter. The unit value is 100 ms.	Sum, nkrttbh, tot
unsuccessful_active_set_updates_on_sho_for_nrt_traffic	nok_nkrnc_sofhonrt_tab.ulkcwqhahl26seccb00hw01qk4	INT8	#	A number of unsuccessful active setup dates on SHO for NRT traffic.When the mobile station acknowledges an active SET UPDATE message with an ACTIVE SET UPDATE FAILURE message or the timer expires in the serving RNC. Only the serving RNC (SRNC)can update the counter.In case of cell addition/replacement, the counter is updated in every cell that is in the active set on SRNC side when the RNC sends the active SET UPDATE message. The counter is not updated in the cell that triggers the addition/replacement request. In case of cell deletion, the counter is updated	Sum, nkrttbh, tot

				in every cell(including the removed cell itself) that is in the active set on SRNC side when the RNC sends the ACTIVE SET UPDATE message.	

6.34.99RNC.Nokia.UMTS.soft_handover.rt

RNC RT soft handover related statistics

KPI Name	Expression	Data Type	Units	Description	Aggregation
_%_active_set_update_success_ratio	100 * ({successful_active_set_updates_on_sho_for_rt_traffic} + {Nokia.soft_handover.nrt.successful_active_set_updates_on_sho_for_nrt_traffic})/ ({unsuccessful_active_set_updates_on_sho_for_rt_traffic} + {Nokia.soft_handover.nrt.unsuccessful_active_set_updates_on_sho_for_nrt_traffic} + {successful_active_set_updates_on_sho_for_rt_traffic} + {Nokia.soft_handover.nrt.successful_active_set_updates_on_sho_for_nrt_traffic})	FLOAT	%	Percentage of successful active set updates on soft handover for real time and non real time traffic	Average, avg, nkrttbh
cell_addition_failur	nok_nkrnc_sohort_tab.um5	INT8	#	A number of cell	Sum,

e_on_sho_for_rt_traffic	bpkpahl26seccb00hw01qk4			addition failures on SHO for RT traffic. When a mobile station sends an event triggered (event 1A) periodic measurement report to the RNC in order to add a cell into the active set. The event 1A triggered periodic reporting is controlled with parameters Addition Window and Addition Reporting Interval. Only the serving RNC (SRNC) can update the counter. This counter is updated in every cell that is in the active set on SRNC side when the RNC receives the measurement report. This counter is not updated in the cell that is the object of the addition failure/request.	nkrttbh, tot
cell_addition_request_on_sho_for_rt_traffic	nok_nkrnc_sohort_tab.um1vqntahl26seccb00hw01qk4	INT8	#	A number of cell addition requests on SHO for RT traffic. When the mobile station sends a measurement report (event 1A) to the RNC in order to add a cell to the active set. The addition window of	Sum, nkrttbh, tot

				cells in event 1A is controlled with radio network planning parameters Addition Window and Addition Time. Only the SRNC can update the counter. The counter is updated in every cell including in the active set on SRNC side when the RNC receives the measurement report. The counter is not updated in the cell that is the object of the addition request.	
cell_deletion_failure_on_sho_for_rt_traffic	nok_nkrnc_sohort_tab.umgnhshahl26seccb00hw01qk4	INT8	#	This counter is updated, when UE sends a periodic measurement report triggered by event 1B to the RNC in order to remove a cell from the active set. That situation can appear, for example, when the RNC is prevented to delete the old branch to the active set before the new branch is synchronised. Event 1B triggered periodic reporting	Sum, nkrttbh, tot

				is controlled with the Drop Window and Drop Reporting Interval parameters. Only the serving RNC (SRNC) can update the counter. The counter is updated in every cell that is in the active set on the SRNC side when the RNC receives the measurement report.	
cell_deletion_request_on_sho_for_rt_traffic	nok_nkrnc_sohort_tab.um30gwxahl26seccb00hw01qk4	INT8	#	A number of cell deletion requests on SHO for RT traffic. When the mobile station sends a measurement report (event 1B)to the RNC in order to remove a cell from the active set. The drop window of cells in event 1B is controlled with parameters Drop Window and Drop Time. Only the SRNC can update the counter. The counter is updated in every cell (including the removed cell itself) that is, in the active set on SRNC side when the RNC receives the measurement report.	Sum, nkrttbh, tot
cell_replacement_failure_on_sho_for_	nok_nkrnc_sohort_tab.um6hkydahl26seccb00hw01qk4	INT8	#	A number of cell replacement	Sum, nkrttbh,

rt_traffic				failures on SHO for RT traffic. When a mobile station sends an event triggered (event 1C) periodic measurement report to the RNC in order to replace a cell in the active set with a non active cell. The event 1C triggered periodic reporting is controlled with parameters Replacement Window and Replacement Reporting Interval. Only the serving RNC (SRNC) can update the counter. This counter is updated in every cell that is in the active set on SRNC side when the RNC receives the measurement report. This counter is not updated in the non active cell that triggers the replacement request.	tot
cell_replacement_request_on_sho_for_rt_traffic	nok_nkrnc_sohort_tab.um42yfxahl26seccb00hw01qk4	INT8	#	A number of cell replacement requests on SHO for RT traffic. When a mobile	Sum, nkrttbh, tot

				station sends a measurement report (event 1C) to the RNC in order to replace a cell in the active set with a non active cell. The event 1C is controlled with parameters Replacement Window and Replacement Time. Only the serving RNC (SRNC) can update the counter. This counter is updated in every cell that is in the active set on SRNC side when the RNC receives the measurement report. This counter is not updated in the non active cell that triggers the replacement request.	
five_cells_in_the_active_set_for_rt_srnc	nok_nkrnc_sohort_tab.ultquxpahl26seccb00hw01qk4	INTEGER	0.1s	- Obsolete in RN2.2 - A period of time when the cell belongs to an active set, the size of which is five. Only the serving RNC can update the counter. The unit value is 100 ms. This counter is updated in every cell including in the active set on serving R	Sum, nkrttbh, tot
four_cells_in_the_a	nok_nkrnc_sohort_tab.ulslk	INTEG	0.1s	- Obsolete in	Sum,

ctive_set_for_rt_srnc	0lahl26seccb00hw01qk4	ER		RN2.2 - A period of time when the cell belongs to an active set, the size of which is four. Only the serving RNC can update the counter. The unit value is 100 ms. This counter is updated in every cell including in the active set on serving R	nkrttbh, tot
high_ue_rx_tx_time_difference_for_rt	nok_nkrnc_sohort_tab.umd1olxahl26seccb00hw01qk4	INT8	#	High UE Rx Tx time difference for RT When a UE sends the measurement report (event 6F) to the RNC in order to indicate that the UE Rx Tx time difference for a radio link has become larger than an absolute threshold. The absolute threshold for the event is controlled with a parameter Upper Rx Tx TD Threshold. Only the serving RNC (SRNC) can update the counter. This counter is updated only in the active set cell that triggers	Sum, nkrttbh, tot

This edition applies to IBM® Tivoli® Netcool® Performance Manager for Wireless and to all subsequent releases and modifications until otherwise indicated in new editions.

				the reporting event 6F.	
inter_rnc_soft_ho_duration_on_the_drnc_side_for_rt_nrt_traffic	nok_nkrnc_sohort_tab.um0qpyhahl26seccb00hw01qk4	INTEGER	0.1s	A period of time during which the cell participates in inter RNC soft handover on drifting RNC (DRNC) side for RT/NRT traffic or the cell is controlled by other RNC than SRNC. NOTE, The DRNC cannot separate RT and NRT traffic. Therefore, soft/softer HO durations are calculated together in the DRNC. Only the DRNC can update this counter. The unit value is100ms.	Sum, nkrttbh, tot
inter_rnc_soft_ho_duration_on_the_srnc_side_for_rt_traffic	nok_nkrnc_sohort_tab.ulym4vdahl26seccb00hw01qk4	INTEGER	0.1s	A period of time during which the cell participates in inter RNC soft handover on serving RNC (SRNC) side for RT traffic. Only the SRNC may update this counter. The unit value is 100ms.	Sum, nkrttbh, tot
low_ue_rx_tx_time_difference_for_rt	nok_nkrnc_sohort_tab.umecqj6ahl26seccb00hw01qk4	INT8	#	Low UE Rx Tx time difference for RT. When the UE sends the measurement report (event 6G) to the RNC in order to	Sum, nkrttbh, tot

				indicate that the UE Rx Tx time difference for a radio link has become less than an absolute threshold. The absolute threshold for the event 6G is controlled with the parameter Lower Rx Tx TD Threshold. Only the serving RNC (SRNC) can update the counter. This counter is updated only in the active set cell that triggers the reporting event 6G.	
one_cell_in_the_active_set_for_rt_srnc	nok_nkrnc_sohort_tab.ulp1vy6ahl26seccb00hw01qk4	INTEGER	0.1s	A period of time when the cell belongs to an active set, the size of which is one. Only the serving RNC can update the counter. The unit value is 100 ms. This counter is updated in every cell including in the active set on serving RNC side for RT.	Sum, nkrttbh, tot
six_cells_in_the_active_set_for_rt_srnc	nok_nkrnc_sohort_tab.ulv2eexahl26seccb00hw01qk4	INTEGER	0.1s	- Obsolete in RN2.2 - A period of time when the cell belongs to an	Sum, nkrttbh, tot

				active set, the size of which is six. Only the serving RNC can update the counter. The unit value is 100 ms. This counter is updated in every cell including in the active set on serving RN	
softer_handover_duration_on_the_drnc_side_for_rt_nrt_traffic	nok_nkrnc_sohort_tab.ulxglrtahl26seccb00hw01qk4	INT8	0.1s	Sum of time periods during which the cell participates in softer handover on DRNC side for RT/ NRT traffic.	Sum, nkrttbh, tot
softer_handover_duration_on_the_srnc_side_for_rt_traffic	nok_nkrnc_sohort_tab.ulwbe5lahl26seccb00hw01qk4	INTEGER	0.1s	A period of time during which the cell participates in softer handover on serving RNC (SRNC) side for RT traffic. Only the SRNC may update the counter. The unit value is 100ms.	Sum, nkrttbh, tot
successful_active_set_updates_on_sho_for_rt_traffic	nok_nkrnc_sohort_tab.umanudlahl26seccb00hw01qk4	INT8	#	A number of successful active set updates on SHO for RT traffic. When the RNC sends an active SET UPDATE message to the mobile station in order to add, replace or delete a radio link (or links) from the active set, and the mobile station	Sum, nkrttbh, tot

				acknowledges the messages by sending an active SET UPDATE COMPLETE message. Only the serving RNC (SRNC) can update the counter. In case of cell addition/replacement, the counter is updated in every cell that is in the active set on SRNC side when the RNC sends the message. The counter is not updated in the cell that triggers the addition/replacement request. In case of cell deletion, the counter is updated in every cell (including the removed cell itself) that is in the active set on SRNC side when the RNC sends the ACTIVE SET UPDATE message.	
three_cells_in_the_active_set_for_rt_srnc	nok_nkrnc_sohort_tab.ulrglktahl26seccb00hw01qk4	INTEGER	0.1s	A period of time when the cell belongs to an active set, the size of which is three. Only the serving RNC can update	Sum, nkrttbh, tot

				the counter. The unit value is 100 ms. This counter is updated in every cell including in the active set on serving RNC side for RT.	
two_cells_in_the_active_set_for_rt_srnc	nok_nkrnc_sohort_tab.ulqaucxahl26seccb00hw01qk4	INTEGER	0.1s	A period of time when the cell belongs to an active set, the size of which is two. Only the serving RNC can update the counter. The unit value is 100 ms. This counter is updated in every cell including in the active set on serving RNC side for RT.	Sum, nkrttbh, tot
unsuccessful_active_set_updates_on_sho_for_rt_traffic	nok_nkrnc_sohort_tab.umbvplpahl26seccb00hw01qk4	INT8	#	A number of unsuccessful active set updates on SHO for RT traffic. When the mobile station acknowledges the message with the ACTIVE SET UPDATE FAILURE message or the timer expires in the serving RNC. Only the serving RNC (SRNC) can update the counter. In case of cell addition/ replacement, the counter is updated in every cell that is in the active set on	Sum, nkrttbh, tot

				the SRNC side when the RNC sends the ACTIVE SET UPDATE message. The counter is not updated in the cell that triggers the addition/replacement request. In case of cell deletion, the counter is updated in every cell (including there moved cell itself) that is in the active set on SRNC side when the RNC sends the ACTIVE SET UPDATE message.	

6.34.100RNC.Nokia.UMTS.user_throughput

SDU and RLC PDU throughtput statistics

KPI Name	Expression	Data Type	Units	Description	Aggregation
user_dl_thrp_dist_class_1_r	nok_rnc_usrthrpt_tab.xjvhe36dmm2aicsd002uaxybdk	INTEGER	#	The number of connections with 0...4 kbit/s downlink RLC PDU gross throughput.	Sum, nkrttbh, tot
user_dl_thrp_dist_class_10_r	nok_rnc_usrthrpt_tab.xjvhe3rdmm2aicsd002uaxybdk	INTEGER	#	The number of connections with 1 Mbit/s...2 Mbit/s downlink gross RLC PDU	Sum, nkrttbh, tot

				throughput.	
user_dl_thrp_dist_class_11_r	nok_rnc_usrthrpt_tab.xjvhe46dmm2aicsd002uaxybdk	INTEGER	#	The number of connections with the 2 Mbit/s...4 Mbit/s downlink RLC PDU gross throughput.	Sum, nkrttbh, tot
user_dl_thrp_dist_class_12_r	nok_rnc_usrthrpt_tab.xjvhe4bdmm2aicsd002uaxybdk	INTEGER	#	The number of connections with the 4 Mbit/s...8 Mbit/s downlink RLC PDU gross throughput.	Sum, nkrttbh, tot
user_dl_thrp_dist_class_13_r	nok_rnc_usrthrpt_tab.xjvhe4ddmm2aicsd002uaxybdk	INTEGER	#	The number of connections with larger than the 8 Mbit/s downlink RLC PDU gross throughput.	Sum, nkrttbh, tot
user_dl_thrp_dist_class_2_r	nok_rnc_usrthrpt_tab.xjvhe3bdmm2aicsd002uaxybdk	INTEGER	#	The number of connections with 4...8 kbit/s downlink RLC PDU gross throughput.	Sum, nkrttbh, tot
user_dl_thrp_dist_class_3_r	nok_rnc_usrthrpt_tab.xjvhe3ddmm2aicsd002uaxybdk	INTEGER	#	The number of connections with 8...16 kbit/s downlink RLC PDU gross throughput.	Sum, nkrttbh, tot
user_dl_thrp_dist_class_4_r	nok_rnc_usrthrpt_tab.xjvhe3fdmm2aicsd002uaxybdk	INTEGER	#	The number of connections with 16...32 kbit/s downlink RLC PDU gross throughput.	Sum, nkrttbh, tot
user_dl_thrp_dist_class_5_r	nok_rnc_usrthrpt_tab.xjvhe3hdmm2aicsd002uaxybdk	INTEGER	#	The number of connections with 32...64 kbit/s downlink RLC	Sum, nkrttbh, tot

				PDU gross throughput.	
user_dl_thrp_dist_class_6_r	nok_rnc_usrthrpt_tab.xjvhe3jdmm2aicsd002uaxybdk	INTEGER	#	The number of connections with 64...128 kbit/s downlink RLC PDU gross throughput.	Sum, nkrttbh, tot
user_dl_thrp_dist_class_7_r	nok_rnc_usrthrpt_tab.xjvhe3ldmm2aicsd002uaxybdk	INTEGER	#	The number of connections with 128...256 kbit/s downlink RLC PDU gross throughput.	Sum, nkrttbh, tot
user_dl_thrp_dist_class_8_r	nok_rnc_usrthrpt_tab.xjvhe3ndmm2aicsd002uaxybdk	INTEGER	#	The number of connections with 256...512 kbit/s downlink RLC PDU gross throughput.	Sum, nkrttbh, tot
user_dl_thrp_dist_class_9_r	nok_rnc_usrthrpt_tab.xjvhe3pdmm2aicsd002uaxybdk	INTEGER	#	The number of connections with 512 kbit/s...1 Mbit/s downlink RLC PDU gross throughput.	Sum, nkrttbh, tot
user_ul_thrp_dist_class_1_r	nok_rnc_usrthrpt_tab.xjvhe4fdmm2aicsd002uaxybdk	INTEGER	#	The number of connections with the 0 kbit/s...250 kbit/s uplink SDU throughput.	Sum, nkrttbh, tot
user_ul_thrp_dist_class_2_r	nok_rnc_usrthrpt_tab.xjvhe4hdmm2aicsd002uaxybdk	INTEGER	#	The number of connections with the 250 kbit/s...500 kbit/s uplink SDU throughput.	Sum, nkrttbh, tot

This edition applies to IBM® Tivoli® Netcool® Performance Manager for Wireless and to all subsequent releases and modifications until otherwise indicated in new editions.

user_ul_thrp_dist_class_3_r	nok_rnc_usrthrpt_tab.xjvhe4jdmm2aicsd002uaxybdk	INTEGER	#	The number of connections with the 500 kbit/s...1 Mbit/s uplink SDU throughput.	Sum, nkrttbh, tot
user_ul_thrp_dist_class_4_r	nok_rnc_usrthrpt_tab.xjvhe4ldmm2aicsd002uaxybdk	INTEGER	#	The number of connections with the 1000 kbit/s...1500 kbit/s uplink SDU throughput.	Sum, nkrttbh, tot
user_ul_thrp_dist_class_5_r	nok_rnc_usrthrpt_tab.xjvhe4ndmm2aicsd002uaxybdk	INTEGER	#	The number of connections with larger than the 1500 kbit/s uplink SDU throughput.	Sum, nkrttbh, tot

6.35 SCCP Performance Indicators

- SCCP.Nokia.UMTS.sccp_local_subsystem_availability

6.35.1 SCCP.Nokia.UMTS.sccp_local_subsystem_availability

SCCP local subsystem availability statistics

KPI Name	Expression	Data Type	Units	Description	Aggregation
dura_of_local_sccp_unavailable	nok_sccp_locsubavail_tab.xpvf056dmm2aicsd002uaxybdk	INTEGER	s	Duration of the unavailability of a local SCCP, 8.5 in ITU-T Q.752.	Sum, nkrttbh, tot
start_loc_sccp_unav_failure	nok_sccp_locsubavail_tab.xpvf04xdmm2aicsd002uaxybdk	INTEGER	#	Start of unavailability of a local SCCP due to failure, 8.1 in ITU-T Q.752.	Sum, nkrttbh, tot
start_loc_sccp_unav_maint_busy	nok_sccp_locsubavail_tab.xpvf050dmm2aicsd002uaxybdk	INTEGER	#	Start of unavailability of a local SCCP due to maintenance busy, 8.2 in ITU-T	Sum, nkrttbh, tot

				Q.752.	
start_loc_sccp_unav_maint_cong	nok_sccp_locsubavail_tab.xpvf052dmm2aicsd002uaxybdk	INTEGER	#	Start of unavailability of a local SCCP due to congestion, 8.3 in ITU-T Q.752.	Sum, nkrttbh, tot
stop_of_local_sccp_unavailable	nok_sccp_locsubavail_tab.xpvf054dmm2aicsd002uaxybdk	INTEGER	#	Stop of unavailability of a local SCCP, 8.4 in ITU-T Q.752.	Sum, nkrttbh, tot

6.36 SCCP_Subsystem Performance Indicators

- SCCP_Subsystem.Nokia.UMTS.sccp_subsystem

6.36.1 SCCP_Subsystem.Nokia.UMTS.sccp_subsystem

SCCP subsystem performance statistics

KPI Name	Expression	Data Type	Units	Description	Aggregation
dt_1_messages_receiv_from_mtp	nok_sccp_subsys_tab.xpvf04fdmm2aicsd002uaxybdk	INTEGER	#	DT1 messages received from MTP per sink SSN, 9.9 in ITU-T Q.752.	Sum, nkrttbh, tot
dt_1_messages_sent_to_mtp	nok_sccp_subsys_tab.xpvf04hdmm2aicsd002uaxybdk	INTEGER	#	DT1 messages sent to MTP per source SSN, 9.10 in ITU-T Q.752.	Sum, nkrttbh, tot
dt_2_messages_receiv_from_mtp	nok_sccp_subsys_tab.xpvf04jdmm2aicsd002uaxybdk	INTEGER	#	DT2 messages received from MTP per sink SSN, 9.11 in ITU-T Q.752.	Sum, nkrttbh, tot
dt_2_messages_sent_to_mtp	nok_sccp_subsys_tab.xpvf04ldmm2aicsd002uaxybdk	INTEGER	#	DT2 messages sent to MTP per source SSN, 9.12 in ITU-T	Sum, nkrttbh, tot

				Q.752.	
ed_messages_received_from_mtp	nok_sccp_subsys_tab.xpvf04ndmm2aicsd002uaxybdk	INTEGER	#	ED messages received from MTP per sink SSN, 9.14 in ITU-T Q.752.	Sum, nkrttbh, tot
ed_messages_sent_to_mtp	nok_sccp_subsys_tab.xpvf04pdmm2aicsd002uaxybdk	INTEGER	#	ED messages sent to MTP per source SSN, 9.13 in ITU-T Q.752.	Sum, nkrttbh, tot
local_ss_prohibited_start	nok_sccp_subsys_tab.xpvf04rdmm2aicsd002uaxybdk	INTEGER	#	Start of local subsystem prohibited, 8.9 in ITU-T Q.752.	Sum, nkrttbh, tot
local_ss_prohibited_stop	nok_sccp_subsys_tab.xpvf04tdmm2aicsd002uaxybdk	INTEGER	#	Stop of local subsystem prohibited, 8.10 in ITU-T Q.752.	Sum, nkrttbh, tot
msgs_too_big_for_segmentation	nok_sccp_subsys_tab.xpvf04vdmm2aicsd002uaxybdk	INTEGER	#	Messages too large for segmentation, 7.14 in ITU-T Q.752.	Sum, nkrttbh, tot
ss_oos_request_denied_local	nok_sccp_subsys_tab.xpvf03ndmm2aicsd002uaxybdk	INTEGER	#	Rejection of a coordinated state modification request by a local subsystem, 8.6 in ITU-T Q.752.	Sum, nkrttbh, tot
ss_oos_request_denied_remote	nok_sccp_subsys_tab.xpvf03pdmm2aicsd002uaxybdk	INTEGER	#	Rejection of a coordinated state modification request by a remote subsystem, 8.7 in ITU-T Q.752.	Sum, nkrttbh, tot
ss_oos_request_granted_local	nok_sccp_subsys_tab.xpvf03jdmm2aicsd002uaxybdk	INTEGER	#	Acceptance of a coordinated state modification request by a local subsystem, 8.6 in ITU-T Q.752.	Sum, nkrttbh, tot
ss_oos_request_gra	nok_sccp_subsys_tab.xpvf	INTEG	#	Acceptance of a	Sum,

nted_remote	03ldmm2aicsd002uaxybdk	ER		coordinated state modification request by a remote subsystem, 8.7 in ITU-T Q.752.	nkrttbh, tot
total_messages_for_local_ss	nok_sccp_subsys_tab.xpvf040dmm2aicsd002uaxybdk	INTEGER	#	All messages related to a local subsystem, 9.4 in ITU-T Q.752.	Sum, nkrttbh, tot
total_messages_rxed_class_0	nok_sccp_subsys_tab.xpvf04bdmm2aicsd002uaxybdk	INTEGER	#	All messages received in protocol class 0, 9.7 in ITU-T Q.752.	Sum, nkrttbh, tot
total_messages_rxed_class_1	nok_sccp_subsys_tab.xpvf04ddmm2aicsd002uaxybdk	INTEGER	#	All messages received in protocol class 1.	Sum, nkrttbh, tot
total_messages_sent_class_0	nok_sccp_subsys_tab.xpvf044dmm2aicsd002uaxybdk	INTEGER	#	All transmitted messages in protocol class 0, 9.6 in ITU-T Q.752.	Sum, nkrttbh, tot
total_messages_sent_class_1	nok_sccp_subsys_tab.xpvf046dmm2aicsd002uaxybdk	INTEGER	#	All transmitted messages in protocol class 1.	Sum, nkrttbh, tot
total_msgs_from_loc_ss_no_gt	nok_sccp_subsys_tab.xpvf03vdmm2aicsd002uaxybdk	INTEGER	#	Messages from local subsystem that do not require GT translation, , 9.4 in ITU-T Q.752.	Sum, nkrttbh, tot
total_msgs_from_loc_ss_with_gt	nok_sccp_subsys_tab.xpvf03xdmm2aicsd002uaxybdk	INTEGER	#	Messages from local subsystem that require GT translation, 9.4 in ITU-T Q.752.	Sum, nkrttbh, tot
total_msgs_sent_to_backup_ss	nok_sccp_subsys_tab.xpvf042dmm2aicsd002uaxybdk	INTEGER	#	All messages transmitted to the	Sum, nkrttbh,

				redundant subsystem, 9.8 in ITU-T Q.752.	tot
total_msgs_to_loc_ss_no_gt	nok_sccp_subsys_tab.xpvf03rdmm2aicsd002uaxybdk	INTEGER	#	Messages addressed to a local subsystem that do not require GT translation, 9.4 in ITU-T Q.752.	Sum, nkrttbh, tot
total_msgs_to_loc_ss_with_gt	nok_sccp_subsys_tab.xpvf03tdmm2aicsd002uaxybdk	INTEGER	#	Messages addressed to a local subsystem that require GT translation, , 9.4 in ITU-T Q.752.	Sum, nkrttbh, tot

6.37 SDH_Exchange_Terminal Performance Indicators

- SDH_Exchange_Terminal.Nokia.UMTS.interface_measurement_stm0
- SDH_Exchange_Terminal.Nokia.UMTS.protection_group

6.37.1 SDH_Exchange_Terminal.Nokia.UMTS.interface_measurement_stm0

-Obsolete in RN2.1- STM0 related statistics

KPI Name	Expression	Data Type	Units	Description	Aggregation
fe_mux_bbe_stm0	nok_nksdhext_stm0_tab.umy3hd2ahl26seccb00hw01qk4	INT8	#	-Obsolete in RN2.1- Multiplex section background block errors at the Far End. An errored block is a block in which one or more bits were in error. B2 byte in section overhead header (SOH) is used for the multiplex section error monitoring using Bit Interleaved Parity 8 (BIP 8)	Sum

				code using even parity. The BIP 8 is computed over all bits or previous STM frame after scrambling and is placed in byte B2 of the current frame before scrambling.	
fe_mux_es_stm0	nok_nksdhext_stm0_tab.un0eojpahl26seccb00hw01qk4	INT8	#	-Obsolete in RN2.1-Multiplex section errored second at the Far End. The number of seconds with one or more errored blocks or at least one defect. At the end of each one second interval the contents of the counters are obtained by the relevant managed objects.	Sum
fe_mux_ses_stm0	nok_nksdhext_stm0_tab.un1nbj6ahl26seccb00hw01qk4	INT8	#	-Obsolete in RN2.1-Multiplex section severely errored second at the Far End. The number of one second periods which contain greater than or equal to threshold errored blocks or at least one defect. The threshold can be handled by Exchange terminal configuration handling MML. At	Sum

				the end of each one second interval the contents of the counters may be obtained by the relevant managed objects.	
fe_mux_uas_stm0	nok_nksdhext_stm0_tab.umwtxrlahl26seccb00hw01qk4	INT8	#	-Obsolete in RN2.1- Multiplex section unavailable seconds at the Far End. A period of unavailable time begins at the start of ten consecutive severely errored second (SES) events. These ten seconds are considered to be part of unavailable time. A new period of available time begins at the start of ten consecutive non SES events. These ten seconds are considered to be part of available time.	Sum
fe_path_es_stm0	nok_nksdhext_stm0_tab.un5joy2ahl26seccb00hw01qk4	INT8	#	-Obsolete in RN2.1- Path termination section errored second at the Far End. The number of seconds with one or more errored blocks or at least one defect. At the end of each one second interval the contents of the counters are obtained by the relevant managed objects.	Sum

fe_path_ses_stm0	nok_nksdhext_stm0_tab.un6qukhahl26seccb00hw01qk4	INT8	#	-Obsolete in RN2.1-Path termination section severely errored second at the Far End. The number of one second periods which contain greater than or equal to threshold errored blocks or at least one defect. The threshold can be handled by Exchange terminal configuration handling MML. At the end of each one second interval the contents of the counters may be obtained by the relevant managed objects.	Sum
fe_path1_bbe_stm0	nok_nksdhext_stm0_tab.un4a5i6ahl26seccb00hw01qk4	INT8	#	-Obsolete in RN2.1-Path termination section background block errors at the Far End. An errored block is a block in which one or more bits were in error. B3 byte in section overhead header (SOH) is used for the path termination section error monitoring using Bit Interleaved Parity 8 (BIP 8)	Sum

This edition applies to IBM® Tivoli® Netcool® Performance Manager for Wireless and to all subsequent releases and modifications until otherwise indicated in new editions.

				code in an even parity. The BIP 8 is computed over all bits or previous STM frame after scrambling and is placed in byte B3 of the current frame before scrambling.	
fe_path1_uas_stm0	nok_nksdhext_stm0_tab.un2wrxtahl26seccb00hw01qk4	INT8	#	-Obsolete in RN2.1-Path termination section unavailable seconds at the Far End. A period of unavailable time begins at the start of ten consecutive severely errored second (SES) events. These ten seconds are considered to be part of unavailable time. A new period of available time begins at the start of ten consecutive non SES events. These ten seconds are considered to be part of available time.	Sum
ne_mux_bbe_stm0	nok_nksdhext_stm0_tab.umnyvj6ahl26seccb00hw01qk4	INT8	#	-Obsolete in RN2.1-Multiplex section background block errors at the Near End. An errored block is a block in which one or more bits were in error. B2 byte in section overhead header (SOH) is used for the multiplex section error	Sum

				monitoring using Bit Interleaved Parity 8 (BIP 8) code in an even parity. The BIP 8 is computed over all bits or previous STM frame after scrambling and is placed in byte B2 of the current frame before scrambling.	
ne_mux_es_stm0	nok_nksdhext_stm0_tab.umpb2qlahl26seccb00hw01qk4	INT8	#	-Obsolete in RN2.1-Multiplex section errored second at the Near End. The number of seconds with one or more errored blocks or at least one defect. At the end of each one second interval the contents of the counters are obtained by the relevant managed objects. The object is multiplex section (B2) errors.	Sum
ne_mux_ses_stm0	nok_nksdhext_stm0_tab.umqjdmhahl26seccb00hw01qk4	INT8	#	-Obsolete in RN2.1-Multiplex section severely errored second at the Near End. The number of one second periods that contain greater than or equal to threshold errored blocks or at least one defect. The	Sum

				threshold can be handled by Exchange terminal configuration handling MML. At the end of each one second interval the contents of the counters may be obtained by the relevant managed objects.	
ne_mux_uas_stm0	nok_nksdhext_stm0_tab.ummqpipahl26seccb00hw01qk4	INT8	#	-Obsolete in RN2.1-Multiplex section unavailable seconds at the Near End. A period of unavailable time begins at the start of ten consecutive severely errored second (SES) events. These ten seconds are considered to be part of unavailable time. A new period of available time begins at the start of ten consecutive non SES events. These ten seconds are considered to be part of available time.	Sum
ne_path1_bbe_stm0	nok_nksdhext_stm0_tab.umtawxdahl26seccb00hw01qk4	INT8	#	-Obsolete in RN2.1-Path termination section background block errors. An errored block is a block in which one or more bits were in error. B3 byte in section overhead header (SOH) is	Sum

				used for the path termination section error monitoring using Bit Interleaved Parity 8(BIP 8) code in an even parity. The BIP 8 is computed over all bits or previous STM frame after scrambling and is placed in byte B3 of the current frame before scrambling.	
ne_path1_es_stm0	nok_nksdhext_stm0_tab.umuivh6ahl26seccb00hw01qk4	INT8	#	-Obsolete in RN2.1-Path termination section errored second. The number of seconds with one or more errored blocks or at least one defect. At the end of each one second interval the contents of the counters are obtained by the relevant managed objects.	Sum
ne_path1_ses_stm0	nok_nksdhext_stm0_tab.umvot5lahl26seccb00hw01qk4	INT8	#	-Obsolete in RN2.1-Path termination section severely errored second. The number of one second periods which contain greater than or equal to threshold errored blocks or at	Sum

				least one defect. The threshold can be handled by Exchange terminal configuration handling MML. At the end of each one second interval the contents of the counters may be obtained by the relevant managed objects.	
ne_path1_uas_stm0	nok_nksdhext_stm0_tab.umry506ahl26seccb00hw01qk4	INT8	#	-Obsolete in RN2.1- Path termination section unavailable seconds. A period of unavailable time begins at the start of ten consecutive severely errored second (SES) events. These ten seconds are considered to be part of unavailable time. A new period of available time begins at the start of ten consecutive non SES events. These ten seconds are considered to be part of available time.	Sum
reg_bbe_stm0	nok_nksdhext_stm0_tab.umixmspahl26seccb00hw01qk4	INT8	#	-Obsolete in RN2.1- Regenerator section background block errors. An errored block is a block in which one or more bits were in error. B1 byte in section overhead header (SOH) is used for	Sum

				the regeneration section error monitoring using Bit Interleaved Parity 8 (BIP 8) code in an even parity. The BIP 8 is computed over all bits or previous STM frame after scrambling and is placed in byte B1 of the current frame before scrambling.	
reg_es_stm0	nok_nksdhext_stm0_tab.umka3ahahl26seccb00hw01qk4	INT8	#	-Obsolete in RN2.1- Regenerator section errored second. The number of seconds with one or more errored blocks or at least one defect. At the end of each one second interval the contents of the counters are obtained by the relevant managed objects. The objects are regeneration section (B1) errors and regenerator section out of frame (OOF) events. In this case the block means STM 0 frame.	Sum
reg_ses_stm0	nok_nksdhext_stm0_tab.umli6ehahl26seccb00hw01qk4	INT8	#	-Obsolete in RN2.1- Regenerator section severely errored second. The number	Sum

				of one second periods that contain greater than or equal to threshold errored blocks or at least one defect. The threshold can be handled by Exchange terminal configuration handling MML. The default value of the threshold is 30 %. At the end of each one second interval the contents of the counters may be obtained by the relevant managed objects. The objects are regeneration section (B1) errors and regenerator section out of frame (OOF) events.	
reg_uas_stm0	nok_nksdhext_stm0_tab.umhs2jhahl26seccb00hw01qk4	INT8	#	-Obsolete in RN2.1-Regenerator section unavailable. A period of unavailable time begins at the start of ten consecutive severely errored second (SES) events. These ten seconds are considered to be part of unavailable time. A new period of available time begins at the start of ten consecutive non SES events. These ten seconds are considered to be	Sum

				part of available time.	

6.37.2 SDH_Exchange_Terminal.Nokia.UMTS.protection_group

STM1 Protection Group related statistics

KPI Name	Expression	Data Type	Units	Description	Aggregation
_%_prot_gr_psd	100 * {prot_gr_psd}/ {measurement_seconds}	FLOAT	%	Percentage of time the traffic on protection switch mode.	Average, avg
prot_gr_psc	nok_nksdhext_procgp_tab. unb4dyhahl26seccb00hw01 qk4	INT8	#	Protection Switch Count of Protection Group. This counter contains the number of switches to the protection section and switches to the working section.	Sum
prot_gr_psd	nok_nksdhext_procgp_tab. uncmswpahl26seccb00hw0 1qk4	INT8	Sec	Protection Switch Duration of Protection Group. The value of this counter is the number of seconds the traffic is in protection section.	Sum

6.38 Signalling_Link Performance Indicators

- Signalling_Link.Nokia.UMTS.aal2_signalling
- Signalling_Link.Nokia.UMTS.mtp_signalling_link_availability
- Signalling_Link.Nokia.UMTS.mtp_signalling_link_performance
- Signalling_Link.Nokia.UMTS.mtp_signalling_link_utilization
- Signalling_Link.Nokia.UMTS.saal

6.38.1 Signalling_Link.Nokia.UMTS.aal2_signalling

-Obsolete in RAS6.0, group moved to ATM VCC object-AAL2 related signalling statistics

KPI Name	Expression	Data Type	Units	Description	Aggregation
aal_para	nok_nkss7_aal2sl_tab.unmcy0tahl26seccb00hw01qk4	INT8	#	-Obsolete in RAS6.0, group moved to ATM VCC object-AAL parameters can not be supported (No.93).This parameter provides the number of connections terminated to CauseNo. 93. This cause is used to indicate that the requested AAL parameters	Sum, nksltmbh
aal2pi_verif	nok_nkss7_aal2sl_tab.uo3o0cxahl26seccb00hw01qk4	INT8	#	-Obsolete in RAS6.0, group moved to ATM VCC object-The AAL type 2 ID verification/allocation failure.The requested AAL type 2 Path Identifier was not available in the destination AAL type 2 node. Internal (non protocol) error.	Sum, nksltmbh
adj_node_not_avail	nok_nkss7_aal2sl_tab.uoa2nx6ahl26seccb00hw01qk4	INT8	#	-Obsolete in RAS6.0, group moved to ATM VCC object-Adjacent node not available. The connection establishment is	Sum, nksltmbh

				rejected since the signalling relation into the adjacent AAL type 2 node was not available. Internal (non protocol) error.	
binding_id_verif	nok_nkss7_aal2sl_tab.uo4suflahl26seccb00hw01qk4	INT8	#	-Obsolete in RAS6.0, group moved to ATM VCC object-Binding ID verification failure.The requested Binding Identifier was not available at the destination AALtype 2 node. Internal (nonprotocol) error.	Sum, nksltmbh
cid_verif	nok_nkss7_aal2sl_tab.uo2k3t2ahl26seccb00hw01qk4	INT8	#	-Obsolete in RAS6.0, group moved to ATM VCC object-The CID verification/allocation failure.The requested AAL type 2 channel (CID) was not available in the destination AAL type 2 node. Internal (non protocol) error.	Sum, nksltmbh
common	nok_nkss7_aal2sl_tab.unf224pahl26seccb00hw01qk4	INT8	#	-Obsolete in RAS6.0, group moved to ATM VCC object-Successful connection	Sum, nksltmbh

				establishments.The amount of started connection events in the AAL2 signalling. The successful cases refer to attempts stated in the program block operation state and stage which can still fail at a later stage.	
congestion	nok_nkss7_aal2sl_tab.uniqewxahl26seccb00hw01qk4	INT8	#	-Obsolete in RAS6.0, group moved to ATM VCC object-Switching equipment congestion (No.42).This parameter provides the number of connections terminated to CauseNo. 42. The cause code indicates that the switching equipment generating this cause is experiencing a period of high traffic.	Sum, nksltmbh
info_not_impl	nok_nkss7_aal2sl_tab.unqvg36ahl26seccb00hw01qk4	INT8	#	-Obsolete in RAS6.0, group moved to ATM VCC object-Information element non existent or not implemented (No.99).This parameter provides the number of connections terminated to CauseNo. 99. It	Sum, nksltmbh

				indicates that the equipment sending this cause has received a message which includes information elements/parameters not recognized because the information element identifiers/parameter names are not defined or are defined but not implemented by the equipment sending the cause. This cause indicates that the information elements/parameters were discarded. However, the information element is not required to be present in the message in order for the equipment sending the cause to process the message.	
invalid_info	nok_nkss7_aal2sl_tab.uns1 bxtahl26seccb00hw01qk4	INT8	#	-Obsolete in RAS6.0, group moved to ATM VCC object-Invalid information element contents (No.100).This parameter provides the number of connections terminated to	Sum, nksltmbh

				CauseNo. 100. This cause indicates that the equipment sending this cause has received an information element which it has implemented; however, one or more fields in the information element are coded in a way that has not been implemented by the equipment sending this cause.	
invalid_msg	nok_nkss7_aal2sl_tab.unnhlltahl26seccb00hw01qk4	INT8	#	-Obsolete in RAS6.0, group moved to ATM VCC object-Invalid message (No.95).This parameter provides the number of connections terminated to CauseNo. 95. This cause is used to report an invalid message event only when no other cause in the invalid message class applies.	Sum, nksltmbh
link_char_verif	nok_nkss7_aal2sl_tab.uo5xjsdahl26seccb00hw01qk4	INT8	#	-Obsolete in RAS6.0, group moved to ATM VCC object-Required traffic characterization unavailable.The requested traffic characterization was not available in the destination AAL	Sum, nksltmbh

				type 2 node. Internal (non protocol) error.	
mandat_info	nok_nkss7_aal2sl_tab.unolxkpahl26seccb00hw01qk4	INT8	#	-Obsolete in RAS6.0, group moved to ATM VCC object-Mandatory information element is missing (No.96).This parameter provides the number of connections terminated to CauseNo. 96. This cause indicates that the equipment sending this cause has received a message which is missing an information element which must be present in the message before that message can be processed.	Sum, nksltmbh
msg_not_impl	nok_nkss7_aal2sl_tab.unpqfalahl26seccb00hw01qk4	INT8	#	-Obsolete in RAS6.0, group moved to ATM VCC object-Message type non existent or not implemented (No.97).This parameter provides the number of connections terminated to CauseNo. 97. This	Sum, nksltmbh

				cause Indicates that the equipment sending the cause has received a message with a message type it does not recognize either because this is a message not defined or defined but not implemented by the equipment sending this cause.	
msg_unrecog	nok_nkss7_aal2sl_tab.uo0dtutahl26seccb00hw01qk4	INT8	#	-Obsolete in RAS6.0, group moved to ATM VCC object-Message with unrecognized parameter, discarded (No.110).This parameter provides the number of connections terminated to CauseNo. 110. This cause indicates that the equipment sending this cause has discarded a received message which includes a parameter that is not recognized.	Sum, nksltmbh
net_out	nok_nkss7_aal2sl_tab.ungdm5pahl26seccb00hw01qk4	INT8	#	-Obsolete in RAS6.0, group moved to ATM VCC object-Network out of order (No.38).This parameter provides the number of connections terminated to CauseNo. 38. It	Sum, nksltmbh

				indicates that the network is not functioning correctly and that the condition is likely to last a relatively long period of time; for example, immediately attempting the call again is not likely to be successful.	
req_chan	nok_nkss7_aal2sl_tab.unjyo16ahl26seccb00hw01qk4	INT8	#	-Obsolete in RAS6.0, group moved to ATM VCC object-Requested circuit/channel not available (No.44).This parameter provides the number of connections terminated to CauseNo. 44. This cause is returned when the circuit or channel indicated by there questing entity cannot be provided by the other side of the interface.	Sum, nksltmbh
res_unavail	nok_nkss7_aal2sl_tab.unl51e2ahl26seccb00hw01qk4	INT8	#	-Obsolete in RAS6.0, group moved to ATM VCC object-Resource unavailable unspecified	Sum, nksltmbh

				(No.47).This parameter provides the number of connections terminated to CauseNo. 47. This cause is used to report a resource unavailable event only when no other cause in the resource unavailable class applies.	
sai_alloc	nok_nkss7_aal2sl_tab.uo1hol6ahl26seccb00hw01qk4	INT8	#	-Obsolete in RAS6.0, group moved to ATM VCC object-OSAI allocation failure.This is the same as the hand process reservation failure. Internal (nonprotocol) error.	Sum, nksltmbh
temp_fail	nok_nkss7_aal2sl_tab.unhk4ptahl26seccb00hw01qk4	INT8	#	-Obsolete in RAS6.0, group moved to ATM VCC object-Temporary failure (No.41).This parameter provides the number of connections terminated to CauseNo. 41. The cause code indicates that the network is not functioning correctly and that the condition is not likely to last a long period of time; for example, the user may wish to try another call almost immediately.	Sum, nksltmbh

timer_exp_blo	nok_nkss7_aal2sl_tab.unwvjctahl26seccb00hw01qk4	INT8	#	-Obsolete in RAS6.0, group moved to ATM VCC object-Recovery on BLO_timer expiry (No.102).This parameter provides the number of connections terminated to CauseNo. 102 block request. The block request is a Primitive to request the AAL type 2 signalling entity to locally block a particular, unblocked AAL type 2 path and to indicate this to the peer AAL type 2 signalling entity.	Sum, nksltmbh
timer_exp_erq	nok_nkss7_aal2sl_tab.unt5xxxahl26seccb00hw01qk4	INT8	#	-Obsolete in RAS6.0, group moved to ATM VCC object-Recovery on ERQ timer expiry (No.102).This parameter provides the number of connections terminated to CauseNo. 102 establish request. Establish request Primitive is used by the AALtype 2	Sum, nksltmbh

				served user to initiate the establishment of a new AAL type 2connection.	
timer_exp_rel	nok_nkss7_aal2sl_tab.unuf6pdahl26seccb00hw01qk4	INT8	#	-Obsolete in RAS6.0, group moved to ATM VCC object-Recovery on REL_timer expiry (No.102).This parameter provides the number of connections terminated to CauseNo. 102 release request. Release request Primitive is used by the AAL type2 served user to initiate the clearing of an AAL type 2 connection.	Sum, nksltmbh
timer_exp_res	nok_nkss7_aal2sl_tab.unvn5qpahl26seccb00hw01qk4	INT8	#	-Obsolete in RAS6.0, group moved to ATM VCC object-Recovery on RES_timer expiry (No.102).This parameter provides the number of connections terminated to CauseNo. 102 reset request. Reset request is a Primitive to request the AAL type2 signalling entity to reset a particular channel, all channels on a particular AAL	Sum, nksltmbh

				type 2 path, or all channels on all AAL type 2 paths between two nodes to the "Idle" state and to indicate this to the peer AAL type 2 signalling entity.	
timer_exp_ubl	nok_nkss7_aal2sl_tab.uny4ahpahl26seccb00hw01qk4	INT8	#	-Obsolete in RAS6.0, group moved to ATM VCC object-Recovery on UBL_timer expiry (No.102).This parameter provides the number of connections terminated to CauseNo. 102 unblock request. Unblock request is a Primitive to request the AALtype 2 signalling entity to locally unblock a particular, blocked AAL type 2path and to indicate this to the peer AAL type 2 signalling entity.	Sum, nksltmbh

6.38.2 Signalling_Link.Nokia.UMTS.mtp_signalling_link_availability

MTP signalling link availability statistics

KPI Name	Expression	Data Type	Units	Description	Aggregation

dur_of_inhibit_loc_manag_act	nok_nkmtp_siglavail_tab.xjvhebrdmm2aicsd002uaxybdk	INTEGER	Sec	Duration of signalling link inhibition due to local management actions, 2.5 in ITU-T Q.752.	Sum, tot
dur_of_inhibit_rem_manag_act	nok_nkmtp_siglavail_tab.xjvhebtdmm2aicsd002uaxybdk	INTEGER	Sec	Duration of signalling link inhibition due to remote management actions, 2.6 in ITU-T Q.752.	Sum, tot
dur_of_local_busy	nok_nkmtp_siglavail_tab.xjvhebvdmm2aicsd002uaxybdk	INTEGER	#	Duration of local busy (number of SIBs), 2.15 in ITU-T Q.752.	Sum, tot
dur_of_unavail_link_failure	nok_nkmtp_siglavail_tab.xjvhebldmm2aicsd002uaxybdk	INTEGER	Sec	Duration of signalling link unavailability due to link failure, 2.7 in ITU-T Q.752.	Sum, tot
dur_of_unavail_local_blocking	nok_nkmtp_siglavail_tab.xjvhebndmm2aicsd002uaxybdk	INTEGER	Sec	Duration of signalling link unavailability due to local blocking, 2.8 in ITU-T Q.752.	Sum, tot
dur_of_unavail_rem_proc_outage	nok_nkmtp_siglavail_tab.xjvhebpdmm2aicsd002uaxybdk	INTEGER	Sec	Duration of signalling link unavailability due to remote processor outage, 2.9 in ITU-T Q.752.	Sum, tot
dur_of_unavail	nok_nkmtp_siglavail_tab.xjvhebjdmm2aicsd002uaxybdk	INTEGER	Sec	Duration of signalling link unavailability for any reason, 2.1 in ITU-T Q.752. This counter is the sum of ITU-T Q.752 counters 2.7 + 2.8 +	Sum, tot

				2.9 + 2.5 + 2.6.	
durat_loc_busy_atm	nok_nkmtp_siglavail_tab.xjvhechdmm2aicsd002uaxybdk	INTEGER	Sec	Duration of local busy for ATM, 2.15 in ITU-T Q.752.	Sum, tot
loc_manag_inhibit	nok_nkmtp_siglavail_tab.xjvhec6dmm2aicsd002uaxybdk	INTEGER	#	Number of local management inhibits, 2.13 in ITU-T Q.752.	Sum, tot
loc_manag_uninhibited	nok_nkmtp_siglavail_tab.xjvhecbdmm2aicsd002uaxybdk	INTEGER	#	Number of local management uninhibits, 2.14 in ITU-T Q.752.	Sum, tot
local_manual_changeovers	nok_nkmtp_siglavail_tab.xjvhebxdmm2aicsd002uaxybdk	INTEGER	#	Number of local manual changeovers and changeovers due to system recovery actions, 2.2 in ITU-T Q.752.	Sum, tot
rem_inhibit	nok_nkmtp_siglavail_tab.xjvhecddmm2aicsd002uaxybdk	INTEGER	#	Start of remote inhibition, 2.18 in ITU-T Q.752.	Sum, tot
rem_proc_outage_start	nok_nkmtp_siglavail_tab.xjvhec2dmm2aicsd002uaxybdk	INTEGER	#	Start of remote processor outage, 2.10 in ITU-T Q.752.	Sum, tot
rem_proc_outage_stop	nok_nkmtp_siglavail_tab.xjvhec4dmm2aicsd002uaxybdk	INTEGER	#	Stop of remote processor outage, 2.11 in ITU-T Q.752.	Sum, tot
rem_uninhibited	nok_nkmtp_siglavail_tab.xjvhecfdmm2aicsd002uaxybdk	INTEGER	#	Stop of remote inhibition, 2.19 in ITU-T Q.752.	Sum, tot
remote_initiative_changeovers	nok_nkmtp_siglavail_tab.xjvhec0dmm2aicsd002uaxyb	INTEGER	#	Number of remote initiative	Sum, tot

This edition applies to IBM® Tivoli® Netcool® Performance Manager for Wireless and to all subsequent releases and modifications until otherwise indicated in new editions.

	dk			changeovers, 2.3 in ITU-T Q.752.	

6.38.3 Signalling_Link.Nokia.UMTS.mtp_signalling_link_performance

MTP signalling lin k performance statistics

KPI Name	Expression	Data Type	Units	Description	Aggregation
automatic_changebacks	nok_nkmtp_siglperf_tab.xjvhed4dmm2aicsd002uaxybdk	INTEGER	#	Number of automatic changebacks, 1.11 in ITU-T Q.752.	Sum, tot
automatic_changeovers	nok_nkmtp_siglperf_tab.xjvhed2dmm2aicsd002uaxybdk	INTEGER	#	Number of automatic changeovers, 1.10 in ITU-T Q.752.	Sum, tot
dur_in_service_state	nok_nkmtp_siglperf_tab.xjvhecjdmm2aicsd002uaxybdk	INTEGER	#	Duration of signalling link in service state, 1.1 in ITU-T Q.752 (TDM) and 1 in ITU-T Q.2144 (ATM).	Sum, tot
link_failures_abnorm_fibr_bsnr	nok_nkmtp_siglperf_tab.xjvhecndmm2aicsd002uaxybdk	INTEGER	#	Number of link failures caused by abnormal fibr and bsnr, 1.3 in ITU-T Q.752 only TDM.	Sum, tot
link_failures_ali_or_prov_fail	nok_nkmtp_siglperf_tab.xjvhecvdmm2aicsd002uaxybdk	INTEGER	#	Number of alignment failures, 1.7 in ITU-T Q.752 (TDM) and 6 in ITU-T Q.2144 (ATM).	Sum, tot
link_failures_all_reasons	nok_nkmtp_siglperf_tab.xjvhecldmm2aicsd002uaxybdk	INTEGER	#	Number of link failure caused by all reasons, 1.2 in ITU-T Q.752 (TDM) 2 in ITU-T Q.2144 (ATM).	Sum, tot

link_failures_exc_del_of_ack	nok_nkmtp_siglperf_tab.xjvhecpdmm2aicsd002uaxybdk	INTEGER	#	TDM: number of link failures caused by excessive delay of acknowledgement, 1.4 in ITU-T Q.752 ATM: number of link failures caused by NO_RESPONSE timer expiration 3 in ITU-T Q.2144.	Sum, tot
link_failures_exc_dur_of_cong	nok_nkmtp_siglperf_tab.xjvhectdmm2aicsd002uaxybdk	INTEGER	#	Number of link failures caused by excessive duration of congesition, 1.6 in ITU-T Q.752 (TDM) and 5 in ITU-T Q.2144 (ATM).	Sum, tot
link_failures_exc_error_rate	nok_nkmtp_siglperf_tab.xjvhecrdmm2aicsd002uaxybdk	INTEGER	#	Number of link failures caused by excessive error rate, 1.5 in ITU-T Q.752 (TDM) and 4 in ITU-T Q.2144 (ATM).	Sum, tot
link_restorations	nok_nkmtp_siglperf_tab.xjvhed6dmm2aicsd002uaxybdk	INTEGER	#	Number of link restorations, 1.12 in ITU-T Q.752.	Sum, tot
negative_acks	nok_nkmtp_siglperf_tab.xjvhed0dmm2aicsd002uaxybdk	INTEGER	#	Number of negative acknowledgements, 1.9 in ITU-T Q.752.	Sum, tot
sd_loss	nok_nkmtp_siglperf_tab.xjvhedbdmm2aicsd002uaxybdk	INTEGER	#	Number of MAA_ERROR.indications, with error type SD loss 7 in ITU-T Q.2144 (ATM).	Sum, tot

This edition applies to IBM® Tivoli® Netcool® Performance Manager for Wireless and to all subsequent releases and modifications until otherwise indicated in new editions.

sign_units_received_in_error	nok_nkmtp_siglperf_tab.xjvhecxdmm2aicsd002uaxybdk	INTEGER	#	Number of signal units received in error, 1.8 in ITU-T Q.752 only TDM.	Sum, tot

6.38.4 Signalling_Link.Nokia.UMTS.mtp_signalling_link_utilization

MTP signalling link utilization statistics

KPI Name	Expression	Data Type	Units	Description	Aggregation
bit_rate	nok_nkmtp_siglutil_tab.xjvhedddmm2aicsd002uaxybdk	FLOAT	kbps	Signalling link bit rate.	Sum, avg, max, min, tot
cumulative_duration_level1	nok_nkmtp_siglutil_tab.xjvheebdmm2aicsd002uaxybdk	INTEGER	Sec	Cumulative duration of signalling link congestion level 1, 3.7 in ITU-T Q.752.	Sum, tot
cumulative_duration_level2	nok_nkmtp_siglutil_tab.xjvheeddmm2aicsd002uaxybdk	INTEGER	Sec	Cumulative duration of signalling link congestion level 2.	Sum, tot
cumulative_duration_level3	nok_nkmtp_siglutil_tab.xjvheefdmm2aicsd002uaxybdk	INTEGER	Sec	Cumulative duration of signalling link congestion level 3.	Sum, tot
events_res_in_loss_of_msus_l1	nok_nkmtp_siglutil_tab.xjvhee2dmm2aicsd002uaxybdk	INTEGER	#	Number of times congestion discard level 1 threshold exceeded.	Sum, tot
events_res_in_loss_of_msus_l2	nok_nkmtp_siglutil_tab.xjvhee4dmm2aicsd002uaxybdk	INTEGER	#	Number of times congestion discard level 2 threshold exceeded.	Sum, tot
events_res_in_loss_of_msus_l3	nok_nkmtp_siglutil_tab.xjvhee6dmm2aicsd002uaxybdk	INTEGER	#	Number of times congestion discard level 3 threshold exceeded.	Sum, tot
min_30_peak_traf_	nok_nkmtp_siglutil_tab.xjv	INTEG	#	Start time of the	Sum, tot

in_started	heejdmm2aicsd002uaxybdk	ER		peak load of 30 minutes freezing period for incoming traffic (measured as minutes from measurement period start time).	
min_30_peak_traf_out_started	nok_nkmtp_siglutil_tab.xjvheendmm2aicsd002uaxybdk	INTEGER	#	Start time of the peak load of 30 minutes freezing period for outgoing traffic (measured as minutes from measurement period start time).	Sum, tot
min_30_peakload_traffic_in	nok_nkmtp_siglutil_tab.xjvheehdmm2aicsd002uaxybdk	INTEGER	milliErlangs	Peak load in milliErlangs for 30 minutes periods for incoming traffic.	Sum, avg, max, min, tot
min_30_peakload_traffic_out	nok_nkmtp_siglutil_tab.xjvheeldmm2aicsd002uaxybdk	INTEGER	milliErlangs	Peak load in milliErlangs for 30 minutes periods for outgoing traffic.	Sum, avg, max, min, tot
min_5_peak_traf_in_started	nok_nkmtp_siglutil_tab.xjvheerdmm2aicsd002uaxybdk	INTEGER	#	Start time of the peak load of 5 minutes freezing period for incoming traffic (measured as minutes from measurement period start time).	Sum, tot
min_5_peak_traf_out_started	nok_nkmtp_siglutil_tab.xjvheevdmm2aicsd002uaxybdk	INTEGER	#	Start time of the peak load of 5 minutes freezing period for outgoing traffic (measured	Sum, tot

				as minutes from measurement period start time).	
min_5_peakload_traffic_in	nok_nkmtp_siglutil_tab.xjvheepdmm2aicsd002uaxybdk	INTEGER	milliErlangs	Peak load in milliErlangs for 5 minutes periods for incoming traffic.	Sum, avg, max, min, tot
min_5_peakload_traffic_out	nok_nkmtp_siglutil_tab.xjvheetdmm2aicsd002uaxybdk	INTEGER	milliErlangs	Peak load in milliErlangs for 5 minutes periods for outgoing traffic.	Sum, avg, max, min, tot
msus_discarded_level1	nok_nkmtp_siglutil_tab.xjvhedvdmm2aicsd002uaxybdk	INTEGER	#	Number of message signal units (MSUs) discarded due to signalling link congestion (level 1), 3.10 in ITU-T Q.752.	Sum, tot
msus_discarded_level2	nok_nkmtp_siglutil_tab.xjvhedxdmm2aicsd002uaxybdk	INTEGER	#	Number of message signal units (MSUs) discarded due to signalling link congestion (level 2).	Sum, tot
msus_discarded_level3	nok_nkmtp_siglutil_tab.xjvhee0dmm2aicsd002uaxybdk	INTEGER	#	Number of message signal units (MSUs) discarded due to signalling link congestion (level 3).	Sum, tot
msus_received	nok_nkmtp_siglutil_tab.xjvhedldmm2aicsd002uaxybdk	INTEGER	#	Number of received message signal units, 3.5 in ITU-T Q.752.	Sum, tot
msus_transmitted	nok_nkmtp_siglutil_tab.xjvhedjdmm2aicsd002uaxybdk	INTEGER	#	Number of transmitted message signal units, 3.3 in ITU-T	Sum, tot

				Q.752.	
octets_retransmitted	nok_nkmtp_siglutil_tab.xjvhedndmm2aicsd002uaxybdk	INTEGER	Byte	Number of octets retransmitted, 3.2 in ITU-T Q.752.	Sum, tot
sif_and_sio_octets_received	nok_nkmtp_siglutil_tab.xjvhedhdmm2aicsd002uaxybdk	INTEGER	Byte	Number of sif and sio octets received, 3.4 in ITU-T Q.752.	Sum, tot
sif_and_sio_octets_transmitted	nok_nkmtp_siglutil_tab.xjvhedfdmm2aicsd002uaxybdk	INTEGER	Byte	Number of sif and sio octets transmitted, 3.1 in ITU-T Q.752.	Sum, tot
sl_congestion_level1	nok_nkmtp_siglutil_tab.xjvhedpdmm2aicsd002uaxybdk	INTEGER	#	Number of times congestion onset level 1 threshold exceeded.	Sum, tot
sl_congestion_level2	nok_nkmtp_siglutil_tab.xjvhedrdmm2aicsd002uaxybdk	INTEGER	#	Number of times congestion onset level 2 threshold exceeded.	Sum, tot
sl_congestion_level3	nok_nkmtp_siglutil_tab.xjvhedtdmm2aicsd002uaxybdk	INTEGER	#	Number of times congestion onset level 3 threshold exceeded.	Sum, tot

6.38.5 Signalling_Link.Nokia.UMTS.saal

-Obsolete in RAS6.0, group moved to ATM VCC object-SAAL Data related messages.

KPI Name	Expression	Data Type	Units	Description	Aggregation
abort_det	nok_nkss7_saal_tab.upvuo62ahl26seccb00hw01qk4	INT8	#	-Obsolete in RAS6.0, group moved to ATM VCC object-The number of AAL5	Sum, nksltmbh

				CPCS PDUs whose sending has been aborted. SAR Reassembly status. When the EOM cell is processed, the reassembly coprocessor performs the following check: If the LENGTH field in the trailer of the AAL5 PDU is zero, the ABORT bit in the status queue entry is set to a logic high.	
ba_err	nok_nkss7_saal_tab.upmtm1pahl26seccb00hw01qk4	INT8	#	-Obsolete in RAS6.0, group moved to ATM VCC object-The number of reassembled AAL5 CPCS PDUs whose total PDU length is over the maximum allowable PDU length. SAR Reassembly status. During reassembly maximum SDU delivery length (including trailer and pad) is checked to ensure that the PDU under reassembly does not exceed the maximum SDU delivery length.	Sum, nksltmbh
cpi_err	nok_nkss7_saal_tab.uppc2u6ahl26seccb00hw01qk4	INT8	#	-Obsolete in RAS6.0, group moved to ATM VCC object-The number of	Sum, nksltmbh

				reassembled AAL5 CPCS PDUs whose CPI has been invalid. SAR Reassembly status. When the EOM cell is processed, the reassembly coprocessor performs the following check. If the CPI field in the AAL5 trailer is not at zero, the CPI_ERROR bit in the status queue entry is set to a logic high.	
crc_err	nok_nkss7_saal_tab.upo2waxahl26seccb00hw01qk4	INT8	#	-Obsolete in RAS6.0, group moved to ATM VCC object-The number of reassembled AAL5 CPCS PDUs whose CRC 32 has been violated. SAR Reassembly status. When the EOM cell is processed, the reassembly coprocessor compares the calculated CRCREM value to the CRC 32 value in the trailer of the AAL5 PDU. If they are different, the reassembly	Sum, nksltmbh

				coprocessor sets the CRC_ERROR bit in the status queue entry to a logic high.	
crc_pad_err	nok_nkss7_saal_tab.upt2vqpahl26seccb00hw01qk4	INT8	#	-Obsolete in RAS6.0, group moved to ATM VCC object-The number of reassembled AAL5 CPCS PDUs in which either CRC 32 has been violated or PAD field length has been invalid. SAR Reassembly status. See PAD_ERR M546C39 and CRC_ERR M546C36.	Sum, nksltmbh
early_disc	nok_nkss7_saal_tab.upx4be6ahl26seccb00hw01qk4	INT8	#	-Obsolete in RAS6.0, group moved to ATM VCC object-The number of AAL5 CPCS PDUs which have been discarded because free Rx buffers have not been available. SAR Reassembly status. Early Packet Discard occurred. A partially reassembled CPCS PDU has been discarded due to firewall, buffer underflow, LI_EPD, SN_EPD, ST_EPD, CLP discard or Max PDU length exceeded.	Sum, nksltmbh

error_code_a	nok_nkss7_saal_tab.uoil4vl ahl26seccb00hw01qk4	INT8	#	-Obsolete in RAS6.0, group moved to ATM VCC object-Receipt of unsolicited SSCOP Sequenced Data (SD PDU). SD PDU is received in a SSCOP connection state where it should not be received (Q.2110). SD PDU is used to transfer, across an SSCOP connection, sequentially numbered PDUs containing information fields provided by the SSCOP user.	Sum, nksltmbh
error_code_b	nok_nkss7_saal_tab.uoju1g 2ahl26seccb00hw01qk4	INT8	#	-Obsolete in RAS6.0, group moved to ATM VCC object-Receipt of unsolicited SSCOP Begin (BGN PDU). BGN PDU is received in a SSCOP connection state where it should not be received (Q.2110). Begin (BGN PDU) is used to establish an SSCOP connection between two peer entities. The BGN PDU requests the clearing of the peers	Sum, nksltmbh

				transmitter and receiver buffers, and the initialization of the peers transmitter and receiver state variables.	
error_code_c	nok_nkss7_saal_tab.uol2yvxahl26seccb00hw01qk4	INT8	#	-Obsolete in RAS6.0, group moved to ATM VCC object-Receipt of unsolicited SSCOP Begin Acknowledge (BGAK PDU).BGAK PDU is received in a SSCOP connection state where it should not be received (Q.2110). Begin Acknowledge (BGAK PDU) is used to confirm the establishment of an SSCOP connection between two peer entities.	Sum, nksltmbh
error_code_del	nok_nkss7_saal_tab.uphpu3lahl26seccb00hw01qk4	INT8	#	-Obsolete in RAS6.0, group moved to ATM VCC object-SD PDUs must be deleted. The SSCOP transmitter has discarded an AA DATA request from the user because it can not store it into its transmit buffer. This can happen if the SSCOP receiver closes the credit window and SSCOP transmitter can not send SD PDUs and	Sum, nksltmbh

				has to store them into the transmit buffer. Also if there is congestion in the lower layers the SD PDUs can not be sent (Q.2110).	
error_code_d	nok_nkss7_saal_tab.uomdrmtahl26seccb00hw01qk4	INT8	#	-Obsolete in RAS6.0, group moved to ATM VCC object-Receipt of unsolicited SSCOP Begin Reject (BGREJ PDU). BGREJ PDU is received in a SSCOP connection state where it should not be received (Q.2110). The BGREJ PDU is used to reject the connection request of the peer SSCOP entity.	Sum, nksltmbh
error_code_e	nok_nkss7_saal_tab.uonj2e6ahl26seccb00hw01qk4	INT8	#	-Obsolete in RAS6.0, group moved to ATM VCC object-Receipt of unsolicited SSCOP End (END PDU).END PDU is received in a SSCOP connection state where it should not be received (Q.2110). The END PDU is used to release an SSCOP connection between	Sum, nksltmbh

				two peer entities.	
error_code_f	nok_nkss7_saal_tab.uoooedtahl26seccb00hw01qk4	INT8	#	-Obsolete in RAS6.0, group moved to ATM VCC object-Receipt of unsolicited SSCOP End Acknowledge (ENDAK PDU).ENDAK PDU is received in a SSCOP connection state where it should not be received (Q.2110). The ENDAK PDU is used to confirm the release of an SSCOP connection.	Sum, nksltmbh
error_code_g	nok_nkss7_saal_tab.uopwivhahl26seccb00hw01qk4	INT8	#	-Obsolete in RAS6.0, group moved to ATM VCC object-Receipt of unsolicited SSCOP Polling (POLL PDU). POLL PDU is received in a SSCOP connection state where it should not be received (Q.2110). The POLL PDU is used to request, across an SSCOP connection, status information about the peer SSCOP entity.	Sum, nksltmbh
error_code_h	nok_nkss7_saal_tab.uor2mcxahl26seccb00hw01qk4	INT8	#	-Obsolete in RAS6.0, group moved to ATM VCC object-Receipt of unsolicited SSCOP Status	Sum, nksltmbh

				(STAT PDU). STAT PDU is received in a SSCOP connection state where it should not be received (Q.2110). The STAT PDU is used to respond to a status request (POLL PDU) received from a peer SSCOP entity. It contains information regarding the reception status of SD PDUs, credit information for the peer transmitter, and the sequence number [N(PS)] of the POLL PDU to which it is in response.	
error_code_i	nok_nkss7_saal_tab.uosbs5dahl26seccb00hw01qk4	INT8	#	-Obsolete in RAS6.0, group moved to ATM VCC object-Receipt of unsolicited SSCOP Unsolicited Status Response (USTAT PDU). USTAT PDU is received in a SSCOP connection state where it should not be received (Q.2110). The USTAT PDU is used to respond to a	Sum, nksltmbh

				detection of one or more new missing SD PDUs, based on the examination of the sequence numbering of the SD PDU. It contains information regarding the reception status of SD PDUs and credit information for the peer transmitter	
error_code_j	nok_nkss7_saal_tab.uotj4adahl26seccb00hw01qk4	INT8	#	-Obsolete in RAS6.0, group moved to ATM VCC object-Receipt of unsolicited SSCOP Resynchronization (RS PDU).RS PDU is received in a SSCOP connection state where it should not be received (Q.2110). The RS PDU is used to re synchronise the buffers and data transfer state variables.	Sum, nksltmbh
error_code_k	nok_nkss7_saal_tab.uoure56ahl26seccb00hw01qk4	INT8	#	-Obsolete in RAS6.0, group moved to ATM VCC object-Receipt of unsolicited SSCOP Resynchronization Acknowledge (RSAK PDU).RSAK PDU is received in a SSCOP connection state where it should not be received	Sum, nksltmbh

				(Q.2110). The RSAK PDU is used to acknowledge the acceptance of a re synchronisation requested by the peer SSCOP entity.	
error_code_l	nok_nkss7_saal_tab.uow0uyxahl26seccb00hw01qk4	INT8	#	-Obsolete in RAS6.0, group moved to ATM VCC object-Receipt of unsolicited SSCOP Error Recovery (ER PDU). ER PDU is received in a SSCOP connection state where it should not be received (Q.2110). The ER PDU is used to recover from protocol errors.	Sum, nksltmbh
error_code_lw	nok_nkss7_saal_tab.upf6ushahl26seccb00hw01qk4	INT8	#	-Obsolete in RAS6.0, group moved to ATM VCC object-Local credit window closed. This error counter is increased in the SSCOP receiver when it can not accept any new SD PDUs. This can happen when the receive buffer is full.	Sum, nksltmbh
error_code_lx	nok_nkss7_saal_tab.upgiwuhahl26seccb00hw01qk4	INT8	#	-Obsolete in RAS6.0, group	Sum, nksltmbh

				moved to ATM VCC object-Local credit window opened. This error counter is increased in the SSCOP receiver when it can again accept new SD PDUs.	
error_code_m	nok_nkss7_saal_tab.uoxfyo2ahl26seccb00hw01qk4	INT8	#	-Obsolete in RAS6.0, group moved to ATM VCC object-Receipt of unsolicited SSCOP Error Recovery Acknowledge (ERAK PDU).ERAK PDU is received in a SSCOP connection state where it should not be received (Q.2110). The ERAK PDU is used to acknowledge the recovery from protocol error.	Sum, nksltmbh
error_code_o	nok_nkss7_saal_tab.uoyoc6pahl26seccb00hw01qk4	INT8	#	-Obsolete in RAS6.0, group moved to ATM VCC object-Unsuccessful retransmission. The number of transmissions of BGN, END, ER, or RS PDU (SSCOP state variable VT(CC)) has reached the maximum value of retransmissions (SSCOP parameter MaxCC) (Q.2110).	Sum, nksltmbh

				When BGN, END, ER, or RS PDU is sent a timer is set (TimerCC) to wait for the acknowledge and variable VT(CC) is set to 1. If the acknowledge is not received the PDU is retransmitted and TimerCC is set again and VT(CC) is increased. If the VT(CC) reaches the value of MaxCC the PDU is no longer retransmitted.	
error_code_p	nok_nkss7_saal_tab.up0w4uxahl26seccb00hw01qk4	INT8	#	-Obsolete in RAS6.0, group moved to ATM VCC object-Timer_NO_RESPONSE expiry. SSCOP connection has been released (Q.2110). The Timer_NORESPONSE is set when POLL PDU is sent to peer SSCOP entity. When peer acknowledges with STAT PDU the Timer_NORESPONSE is reset. If peer does not send STAT PDU and the Timer_NO_RESPONSE expires the	Sum, nksltmbh

				SSCOP connection is released by SSCOP.	
error_code_q	nok_nkss7_saal_tab.up25vb2ahl26seccb00hw01qk4	INT8	#	-Obsolete in RAS6.0, group moved to ATM VCC object-SD or POLL, N(S) error. SD or POLL PDU sequence number (N(S)) error (Q.2110). SD or POLL PDU is received and the N(S) parameter is not valid. Either SD PDU with N(S) that is in SSCOP receive buffer is received or POLL PDU contains N(S) that is greater than the highest expected sequence number (SSCOP variable VR(H)).	Sum, nksltmbh
error_code_r	nok_nkss7_saal_tab.up3ho66ahl26seccb00hw01qk4	INT8	#	-Obsolete in RAS6.0, group moved to ATM VCC object-STAT N(PS) error.A STAT PDU is received for a POLL PDU that has not been sent (Q.2110). When POLL PDU is sent, the polling sequence number (SSCOP variable N(PS)) is increased and sent in the PDU. The peer SSCOP entity copies this value from POLL PDU into the appropriate STAT	Sum, nksltmbh

				PDU. This error code is increased when STAT PDU with N(PS) that has not been sent in any POLL PDU is received.	
error_code_s	nok_nkss7_saal_tab.up4q03lahl26seccb00hw01qk4	INT8	#	-Obsolete in RAS6.0, group moved to ATM VCC object-USTAT N(R) or list elements error. A STAT PDU is received with invalid data. The N(R) parameter in STAT PDU tells the sequence number of SD PDU that the sender of STAT PDU is waiting to be received next. This error counter is increased when the N(R) is greater than the next sequence number to be sent (SSCOP variable VT(S)), or the acknowledgement for that SD PDU has already been received in an earlier STAT or USTAT PDU. The list elements in STAT PDU are used to request retransmission of	Sum, nksltmbh

				SD PDUs. This error counter is increased, if such SD PDUs that are not sent or have been acknowledged to be received by the peer SSCOP entity, are requested to be retransmitted.	
error_code_t	nok_nkss7_saal_tab.up5ynqlahl26seccb00hw01qk4	INT8	#	-Obsolete in RAS6.0, group moved to ATM VCC object-USTAT (N(R) or list elements error. An USTAT PDU is received with invalid data (Q.2110). The N(R) parameter in STAT PDU tells the sequence number of SD PDU that the sender of STAT PDU is waiting to be received next. This error counter is increased when the N(R) is greater than the next sequence number to be sent (SSCOP variable VT(S)), or the acknowledgement for that SD PDU has already been received in an earlier STAT or USTAT PDU. The list elements in USTAT PDU are used to request retransmission of SD PDUs. This	Sum, nksltmbh

				error counter is increased, if such SD PDUs that are not sent or have been acknowledged to be received by the peer SSCOP entity, are requested to be retransmitted	
error_code_u	nok_nkss7_saal_tab.upabyydahl26seccb00hw01qk4	INT8	#	-Obsolete in RAS6.0, group moved to ATM VCC object-PDU length violation. If the length of a PDU is not between the minimum and maximum length of the PDU or the PDU length is not 32 bit aligned (Q.2110).	Sum, nksltmbh
error_code_v	nok_nkss7_saal_tab.upbk0v2ahl26seccb00hw01qk4	INT8	#	-Obsolete in RAS6.0, group moved to ATM VCC object-SD PDUs must be retransmitted (Q.2110). If SD PDUs have been lost the peer SSCOP entity can request them to be retransmitted with USTAT PDU or STAT PDU.	Sum, nksltmbh
error_code_w	nok_nkss7_saal_tab.upcp4vxahl26seccb00hw01qk4	INT8	#	-Obsolete in RAS6.0, group moved to ATM VCC object-Lack of	Sum, nksltmbh

				credit (Q.2110). Number of times when the SSCOP is not allowed to transmit data PDUs to peer node. Also the times when SSCOP receiver doesn't accept any data PDUs sent by peer node are counted. Credit is granted by the SSCOP receiver to allow the peer SSCOP transmitter to transmit new SD PDUs. The credit value is conveyed to the transmitter in the (N(MR) field of each BGN, BGAK, RS, RSAK, ER, ERAK, STAT and USTAT PDU sent by the receiver. The credit value sent to the transmitter is the sequence number of the first SD PDU that the receiver will not accept. The credit is assigned the value "No" when the SSCOP transmitter can not send any SD PDUs because the receiver will not accept them.	
error_code_x	nok_nkss7_saal_tab.updxpdhahl26seccb00hw01qk4	INT8	#	-Obsolete in RAS6.0, group moved to ATM VCC object-Local credit window	Sum, nksltmbh

				closed. This error counter is increased in the SSCOP receiver when it can not accept any new SD PDUs. This can happen when the receive buffer is full.	
fbq_underf	nok_nkss7_saal_tab.upycxw6ahl26seccb00hw01qk4	INT8	#	-Obsolete in RAS6.0, group moved to ATM VCC object-The number of AAL5 CPCS PDUs which have been discarded because of free buffer queue underflows. SAR Reassembly status. An underflow condition occurs when the SAR attempts to retrieve a queue entry and the host has not yet supplied this entry. This condition only happens on the free buffer queues. The SAR detects this condition by checking the queue entry VLD bit. Once detected, the SAR enters an Underflow Detected state on this queue only. Since this signifies that no data buffers	Sum, nksltmbh

				are available for reassembly, the SAR initiates EPD on all channels assigned to this queue.	
len_err	nok_nkss7_saal_tab.upqlhdhahl26seccb00hw01qk4	INT8	#	-Obsolete in RAS6.0, group moved to ATM VCC object-The number of reassembled AAL5 CPCS PDUs whose length has been violated. SAR Reassembly status. During reassembly maximum SDU delivery length (including trailer and pad) is checked to ensure that the PDU under reassembly does not exceed the maximum SDU delivery length.	Sum, nksltmbh
msus_received	nok_nkss7_saal_tab.uob6vxtahl26seccb00hw01qk4	INT8	#	-Obsolete in RAS6.0, group moved to ATM VCC object-Number of received signalling data messages from Layer 3.The amount of assured signalling data (AAL data) messages received from the users of Layer 3 (NBAP or AAL2 signalling) via AAL SAP of SSCFUNI.	Sum, nksltmbh
msus_transmitted	nok_nkss7_saal_tab.uoexy	INT8	#	-Obsolete in	Sum,

	qlahl26seccb00hw01qk4			RAS6.0, group moved to ATM VCC object-Number of transmitted signalling data messages from Layer 3.Number of transmitted signalling data messages sent to Layer 3 by the user of the counterpart Layer 3	nksltmbh
no_err	nok_nkss7_saal_tab.upkchi2ahl26seccb00hw01qk4	INT8	#	-Obsolete in RAS6.0, group moved to ATM VCC object-The number of reassembled AAL5 CPCS PDUs which have not been errored. SAR Reassembly status.	Sum, nksltmbh
octets_received	nok_nkss7_saal_tab.uoci0ddahl26seccb00hw01qk4	INT8	#	-Obsolete in RAS6.0, group moved to ATM VCC object-Number of received octets from Layer 3. The amount of the assured signalling data (AAL data) message octets received from the users of Layer 3 (NBAP or AAL2 signalling) via AALSAP of SSCF UNI.	Sum, nksltmbh

octets_transmitted	nok_nkss7_saal_tab.uog6xkhahl26seccb00hw01qk4	INT8	#	-Obsolete in RAS6.0, group moved to ATM VCC object-Number of transmitted octets from Layer 3.The number of transmitted signalling data message octets sent to Layer 3 by the user of the counterpart Layer 3.	Sum, nksltmbh
pad_err	nok_nkss7_saal_tab.uprum3xahl26seccb00hw01qk4	INT8	#	-Obsolete in RAS6.0, group moved to ATM VCC object-The number of reassembled AAL5 CPCS PDUs whose Pad field length is incorrect. SAR Reassembly status. When the EOM cell is processed, the reassembly coprocessor performs the following checks: Compares the value collected in the Length Counter to the value in the LENGTH field in the trailer of the AAL5 PDU. If the number of Pad bytes is less than zero or greater than 47, the PAD_ERROR bit in the status queue entry is set to a logic high.	Sum, nksltmbh
rsm_timeout	nok_nkss7_saal_tab.upuoo	INT8	#	-Obsolete in	Sum,

	4dahl26seccb00hw01qk4			RAS6.0, group moved to ATM VCC object-The number of reassembled AAL5 CPCS PDUs whose reassembly timer has expired. SAR Reassembly status. The RS8234 automatically detects active CPCSPDU time out for reassembly channels. A PDU time out occurs when a partially received PDU does not complete within a set time period. When it detects this timeout condition, the RS8234 provides a status queue indication to the host. This indication allows the host to recover the buffers held by the partially completed PDU. The RS8234 supports up to eight reassembly time out periods.	nksltmbh
rx_err	nok_nkss7_saal_tab.upiyp2 2ahl26seccb00hw01qk4	INT8	#	-Obsolete in RAS6.0, group moved to ATM VCC object-The total sum of received errors. This	Sum, nksltmbh

This edition applies to IBM® Tivoli® Netcool® Performance Manager for Wireless and to all subsequent releases and modifications until otherwise indicated in new editions.

				counter is updated each time when SAR reassembles a received AAL5 CPCS PDU and some of the following errors are reported by SAR chip (SAR reassembly status) unexp_err, ba_err, crc_err, cpi_err, len_err, pad_err, crc_pad_err, rsm_timeout, abort_det, early_disc, status_qf, vcc_fw, fbq_underf, stat_q_overf	
rx_pdu	nok_nkss7_saal_tab.uq6x15dahl26seccb00hw01qk4	INT8	#	-Obsolete in RAS6.0, group moved to ATM VCC object-The number of received error free AAL5 CPCS PDUs.	Sum, nksltmbh
rx_size	nok_nkss7_saal_tab.uqb6vjxahl26seccb00hw01qk4	INT8	#	-Obsolete in RAS6.0, group moved to ATM VCC object-The number of bytes of reassembled error free AAL5 CPCS PDUs.	Sum, nksltmbh
sig_commands_received	nok_nkss7_saal_tab.uodpouxahl26seccb00hw01qk4	INT8	#	-Obsolete in RAS6.0, group moved to ATM VCC object-ED Number of received signalling command messages from Layer 3.The signalling	Sum, nksltmbh

				commands are channel activation (AAL_establish) and channel release (AAL_release). The counter indicates the reliability of the link used by AAL2.	
sig_notices_transmitted	nok_nkss7_saal_tab.uohev1lahl26seccb00hw01qk4	INT8	#	-Obsolete in RAS6.0, group moved to ATM VCC object-TED Number of transmitted signalling command messages from Layer 3.Signalling commands are channel activation (AAL_establish) and channel release (AAL release). These commands are sent by the user of counterpart Layer 3.	Sum, nksltmbh
stat_q_overf	nok_nkss7_saal_tab.uq3451lahl26seccb00hw01qk4	INT8	#	-Obsolete in RAS6.0, group moved to ATM VCC object-The number of AAL5 CPCS PDUs which have been discarded because status queue of the Rx buffers is full. SAR Reassembly status. See STATUS_QF M546C44.	Sum, nksltmbh

This edition applies to IBM® Tivoli® Netcool® Performance Manager for Wireless and to all subsequent releases and modifications until otherwise indicated in new editions.

status_qf	nok_nkss7_saal_tab.uq0mfptahl26seccb00hw01qk4	INT8	#	-Obsolete in RAS6.0, group moved to ATM VCC object-The number of status queue fulfillments. SAR Reassembly status. A status queue overflow or full condition is entered when the last available status queue entry is written. The reassembly coprocessor detects the condition by comparing the WRITE and READ_UD index pointers in the corresponding status queue base table. Upon detecting a status overflow condition, the Rsm coprocessor sets the internal OVFL bit in the last status queue entry written to a logic high, to indicate the condition. The Rsm coprocessor also sets to one either the RSM_HS_FULL bit in the HOST_ISTAT1 register, or the RSM_LS_FULL bit in the LP_ISTAT1 register, to prompt an interrupt. While the reassembly coprocessor is in status full condition,	Sum, nksltmbh

				it discards all cells. If a COM or EOM cell is received while the status queue is full, the channel is marked for status full packet discard. When an SSM, EOM, or OAM cell is received during a status full condition, the cell is discarded and the status queue checked. If there is now room in the status queue, then the status full condition is exited.	
tot_bothway_msus	nok_nkss7_saal_tab.uqci3ihahl26seccb00hw01qk4	INT8	#	-Obsolete in RAS6.0, group moved to ATM VCC object-Bothway total (received & transmit) number of received signalling data messages from Layer 3.	Sum, nksltmbh
unexp_err	nok_nkss7_saal_tab.uplltx6ahl26seccb00hw01qk4	INT8	#	-Obsolete in RAS6.0, group moved to ATM VCC object-The number of reassembled AAL5 CPCS PDUs which have contained unexpected errors. SAR Reassembly status.	Sum, nksltmbh

vcc_fw	nok_nkss7_saal_tab.uq1u52hahl26seccb00hw01qk4	INT8	#	-Obsolete in RAS6.0, group moved to ATM VCC object-The number of AAL5 CPCS PDUs which have been discarded because vcc firewall is crossed. SAR Reassembly status. Implementation of multiple free buffer queues and EPD performs a firewall functionality on a group basis. The user can also set up per VCC a firewall on a channel bychannel basis. The firewall mechanism allows the user to allocate buffer credits on a perchannel basis. During reassembly on a channel enabled for firewall processing, whenever a buffer is taken off free buffer queues 0 through 15, the Rsm coprocessor decrements the RX_COUNTER[15.0] in the Rsm VCC Table entry for that channel. This allows COM buffers to be placed on queues 16 through 31 and not be stopped by the firewall. If the RX_COUNTER[15.0] for a channel is	Sum, nksltmbh

				zero when a buffer is required, then the Rsm coprocessor declares a firewall condition. If the firewall condition occurs on a BOM or SSM, the RS8234 writes a status queue entry with the FW bit set, and a NULL in the BD_PNTR field. If the firewall condition occurs on a COM or EOM, the Rsm coprocessor initiates EPD and writes a status queue entry with the FW and EPD bits set. It then discards cells on that channel, until the channel has recovered from the firewall condition. All AAL5 PDUs discarded under the firewall condition cause the AAL5_DSC_CNT counter to be incremented. Recovery occurs only on a BOM or SSM cell when the credit is rechecked.	
vcc_rele	nok_nkss7_saal_tab.uq5on1xahl26seccb00hw01qk4	INT8	#	-Obsolete in RAS6.0, group moved to ATM VCC object-The	Sum, nksltmbh

				number of illegal vcc releasing attempts. The counter is incremented if vcc reserved by another client is tried to release	
vcc_rese	nok_nkss7_saal_tab.uq4foldahl26seccb00hw01qk4	INT8	#	-Obsolete in RAS6.0, group moved to ATM VCC object-The number of vcc re reservations. The counter is incremented if an already reserved vcc is tried to obtained by another client.	Sum, nksltmbh

6.39 Signalling_LinkSet Performance Indicators

- Signalling_LinkSet.Nokia.UMTS.mtp_sig_lset_routeset_avail

6.39.1 Signalling_LinkSet.Nokia.UMTS.mtp_sig_lset_routeset_avail

MTP signalling linkset and routeset availability statistics

KPI Name	Expression	Data Type	Units	Description	Aggregation
initiation_of_broadcast_tfa	nok_nkmtp_siglkrstavail_tab.xpveytddmm2aicsd002uaxybdk	INTEGER	#	Transmission of transfer allowed message started due to signalling link restoration, 4.6 in ITU-T Q.752.	Sum, tot
initiation_of_broadcast_tfp	nok_nkmtp_siglkrstavail_tab.xpveytbdmm2aicsd002uaxybdk	INTEGER	#	Transmission of transfer prohibited message started due to signalling link failure ,4.5 in ITU-T Q.752.	Sum, tot

sl_set_duration_of_una	nok_nkmtp_siglkrstavail_tab.xpveyt6dmm2aicsd002uaxybdk	INTEGER	Sec	Duration of signalling link set unavailability, 4.2 in ITU-T Q.752.	Sum, tot
sl_set_start_failure	nok_nkmtp_siglkrstavail_tab.xpveyt2dmm2aicsd002uaxybdk	INTEGER	#	Start of signalling link set failure, 4.3 in ITU-T Q.752.	Sum, tot
sl_set_stop_failure	nok_nkmtp_siglkrstavail_tab.xpveyt4dmm2aicsd002uaxybdk	INTEGER	#	Stop of signalling link set failure, 4.4 in ITU-T Q.752.	Sum, tot
sr_set_una_due_to_tfp_rec	nok_nkmtp_siglkrstavail_tab.xpveytfdmm2aicsd002uaxybdk	INTEGER	#	Unavailability of signalling route set due to transfer prohibited message received, 4.7 in ITU-T Q.752.	Sum, tot
sr_set_una_dura_due_to_tfp_rec	nok_nkmtp_siglkrstavail_tab.xpveytjdmm2aicsd002uaxybdk	INTEGER	Sec	Duration of signalling route set due to transfer prohibited message received, 4.8 in ITU-T Q.752.	Sum, tot
sr_set_una_dura_to_given_dest	nok_nkmtp_siglkrstavail_tab.xpveytldmm2aicsd002uaxybdk	INTEGER	Sec	Duration of unavailability of signalling route set, 4.10 in ITU-T Q.752.	Sum, tot
sr_set_una_to_given_dest	nok_nkmtp_siglkrstavail_tab.xpveythdmm2aicsd002uaxybdk	INTEGER	#	Unavailability of signalling route set, 4.9 in ITU-T Q.752.	Sum, tot

6.40 Signalling_Point Performance Indicators

- Signalling_Point.Nokia.UMTS.aal2_signalling_nni
- Signalling_Point.Nokia.UMTS.aal2_signalling
- Signalling_Point.Nokia.UMTS.mtp_matrix_signalling_traff
- Signalling_Point.Nokia.UMTS.mtp_signalling_point_status

This edition applies to IBM® Tivoli® Netcool® Performance Manager for Wireless and to all subsequent releases and modifications until otherwise indicated in new editions.

- Signalling_Point.Nokia.UMTS.mtp_signalling_traf_report_sp
- Signalling_Point.Nokia.UMTS.mtp_signalling_traf_report_userparts
- Signalling_Point.Nokia.UMTS.routing_error
- Signalling_Point.Nokia.UMTS.sccp_signalling_messages
- Signalling_Point.Nokia.UMTS.sccp_subsystem1_msgs
- Signalling_Point.Nokia.UMTS.sccp_subsystem10_msgs
- Signalling_Point.Nokia.UMTS.sccp_subsystem11_msgs
- Signalling_Point.Nokia.UMTS.sccp_subsystem12_msgs
- Signalling_Point.Nokia.UMTS.sccp_subsystem13_msgs
- Signalling_Point.Nokia.UMTS.sccp_subsystem14_msgs
- Signalling_Point.Nokia.UMTS.sccp_subsystem15_msgs
- Signalling_Point.Nokia.UMTS.sccp_subsystem16_msgs
- Signalling_Point.Nokia.UMTS.sccp_subsystem17_msgs
- Signalling_Point.Nokia.UMTS.sccp_subsystem18_msgs
- Signalling_Point.Nokia.UMTS.sccp_subsystem19_msgs
- Signalling_Point.Nokia.UMTS.sccp_subsystem2_msgs
- Signalling_Point.Nokia.UMTS.sccp_subsystem20_msgs
- Signalling_Point.Nokia.UMTS.sccp_subsystem3_msgs
- Signalling_Point.Nokia.UMTS.sccp_subsystem4_msgs
- Signalling_Point.Nokia.UMTS.sccp_subsystem5_msgs
- Signalling_Point.Nokia.UMTS.sccp_subsystem6_msgs
- Signalling_Point.Nokia.UMTS.sccp_subsystem7_msgs
- Signalling_Point.Nokia.UMTS.sccp_subsystem8_msgs
- Signalling_Point.Nokia.UMTS.sccp_subsystem9_msgs

6.40.1 Signalling_Point.Nokia.UMTS.aal2_signalling_nni

AAL2 NNI Signalling statistics.

KPI Name	Expression	Data Type	Units	Description	Aggregation
aal_para_at_nni	nok_nkss7sp_aal2nni_tab.usfupolahl26seccb00hw01qk4	INT8	#	AAL parameters cannot be supported (#93). Not in use.	Sum, nkspacbh, tot
aal2pi_verif_at_nni	nok_nkss7sp_aal2nni_tab.urvlfetahl26seccb00hw01qk4	INT8	#	AAL type 2 Id verification/allocation failure. Not in use.	Sum, nkspacbh, tot
adj_node_not_avail_at_nni	nok_nkss7sp_aal2nni_tab.uryym2hahl26seccb00hw01qk4	INT8	#	Adjacent node not available.	Sum, nkspacbh, tot
binding_id_verif_at_nni	nok_nkss7sp_aal2nni_tab.urwpqthahl26seccb00hw01q	INT8	#	Binding id verification failure.	Sum, nkspacbh,

	k4			The requested binding identifier was not available in the destination AAL type 2 node. Internal (non-protocol) error.	tot
cid_verif_at_nni	nok_nkss7sp_aal2nni_tab.urtdin2ahl26seccb00hw01qk4	INT8	#	CID verification/allocation failure. Not in use.	Sum, nkspacbh, tot
common_at_nni	nok_nkss7sp_aal2nni_tab.us12up2ahl26seccb00hw01qk4	INT8	#	The number of connection events started in the AAL2 signalling.	Sum, nkspacbh, tot
congestion_at_nni	nok_nkss7sp_aal2nni_tab.usbyn0dahl26seccb00hw01qk4	INT8	#	Switching equipment congestion (#42). This counter provides the number of connections terminated by Cause No. 42. The cause code indicates that the switching equipment that generates this cause is experiencing a period of high traffic.	Sum, nkspacbh, tot
in_erq_attempt_at_nni	nok_nkss7sp_aal2nni_tab.xpvf0a6dmm2aicsd002uaxybdk	INT8	#	The number of incoming AAL2 connection establishment requests.	Sum, tot
in_erq_success_at_nni	nok_nkss7sp_aal2nni_tab.xpvf0abdmm2aicsd002uaxybdk	INT8	#	The number of successful incoming AAL2 connection establishments.	Sum, tot

in_mod_attempt_at_nni	nok_nkss7sp_aal2nni_tab.xpvf0ahdmm2aicsd002uaxybdk	INT8	#	The number of incoming AAL2 connection modification requests.	Sum, tot
in_mod_success_at_nni	nok_nkss7sp_aal2nni_tab.xpvf0ajdmm2aicsd002uaxybdk	INT8	#	The number of successful incoming AAL2 connection modifications.	Sum, tot
info_not_impl_at_nni	nok_nkss7sp_aal2nni_tab.uri4tqtahl26seccb00hw01qk4	INT8	#	Inated by Cause No. 99. This indicates that the equipment sending this cause has received a message which includes information elements/parameters not recognized because the information element identifiers/parameter names are not defined, or are defined but not implemented by the equipment sending the cause. This cause indicates that the information elements/ parameters were discarded. However, the information element is not required in the message for the equipment sending the cause to process the message.	Sum, nkspacbh, tot
invalid_info_at_nni	nok_nkss7sp_aal2nni_tab.urjhi4pahl26seccb00hw01qk4	INT8	#	Invalid information element contents (#100). Not in use.	Sum, nkspacbh, tot

invalid_msg_at_nni	nok_nkss7sp_aal2nni_tab.ushaq4tahl26seccb00hw01qk4	INT8	#	Invalid message (#95). This counter provides the number of connections terminated by Cause No. 95. This cause is used to report an invalid message event only when no other cause in the invalid message class applies.	Sum, nkspacbh, tot
link_char_verif_at_nni	nok_nkss7sp_aal2nni_tab.urxutmdahl26seccb00hw01qk4	INT8	#	Required traffic characterizations unavailable. Not in use.	Sum, nkspacbh, tot
mandat_info_at_nni	nok_nkss7sp_aal2nni_tab.usiluw6ahl26seccb00hw01qk4	INT8	#	Mandatory information element is missing (#96). This counter provides the number of connections terminated by Cause No. 96. This cause indicates that the equipment sending the cause has received a message which is missing an information element which must be present in the message before the message can be processed.	Sum, nkspacbh, tot
mod_fail_coll_at_nni	nok_nkss7sp_aal2nni_tab.xpvf0apdmm2aicsd002uaxybdk	INT8	#	The number of failed ALL2 connection modifications	Sum, tot

This edition applies to IBM® Tivoli® Netcool® Performance Manager for Wireless and to all subsequent releases and modifications until otherwise indicated in new editions.

				because of a collision.	
mod_fail_int_at_nni	nok_nkss7sp_aal2nni_tab.xpvf0andmm2aicsd002uaxybdk	INT8	#	The number of failed AAL2 connection modifications because of an internal error.	Sum, tot
mod_fail_rem_at_nni	nok_nkss7sp_aal2nni_tab.xpvf0ardmm2aicsd002uaxybdk	INT8	#	The number of failed AAL2 connection modifications because of a failed remote.	Sum, tot
mod_fail_res_at_nni	nok_nkss7sp_aal2nni_tab.xpvf0aldmm2aicsd002uaxybdk	INT8	#	The number of failed AAL2 connection modifications because of an unavailable resource.	Sum, tot
msg_not_impl_at_nni	nok_nkss7sp_aal2nni_tab.usjvnxtahl26seccb00hw01qk4	INT8	#	Message type non-existent or not implemented (#97). This counter provides the number of connections terminated by Cause No. 97. The cause indicates that the equipment sending the cause has received a message with a message type which it does not recognise either because it is not defined, or is defined but not implemented by the equipment.	Sum, nkspacbh, tot
msg_unrecog_at_nni	nok_nkss7sp_aal2nni_tab.urr0352ahl26seccb00hw01q	INT8	#	Message with an unrecognised	Sum, nkspacbh,

	k4			parameter, discarded (#110). This counter provides the number of connections terminated by Cause No. 110. This cause indicates that the equipment sending this cause has discarded a received message which includes a parameter that is not recognised.	tot
net_out_at_nni	nok_nkss7sp_aal2nni_tab.urgwnjtahl26seccb00hw01qk4	INT8	#	Network out of order (#38).	Sum, nkspacbh, tot
no_channel_at_nni	nok_nkss7sp_aal2nni_tab.us6dnwpahl26seccb00hw01qk4	INT8	#	No circuit or channel available (#34). This counter provides the number of connections terminated by Cause No. 34. This indicates that at the moment there is no appropriate circuit or channel available to handle the call.	Sum, nkspacbh, tot
no_route_at_nni	nok_nkss7sp_aal2nni_tab.us4voshahl26seccb00hw01qk4	INT8	#	No route to destination (#3). This counter provides the number of connections terminated by Cause No. 3. This indicates that the called party cannot	Sum, nkspacbh, tot

				be reached because the network through which the call has been routed does not serve the destination desired.	
nodal_function_at_nni	nok_nkss7sp_aal2nni_tab.us2c166ahl26seccb00hw01qk4	INT8	#	The number of nodal function transit connection events started in AAL2 signaling.	Sum, nkspacbh, tot
out_erq_attempt_at_nni	nok_nkss7sp_aal2nni_tab.xpvf0a2dmm2aicsd002uaxybdk	INT8	#	The number of outgoing AAL2 connection establishment requests.	Sum, tot
out_erq_success_at_nni	nok_nkss7sp_aal2nni_tab.xpvf0a4dmm2aicsd002uaxybdk	INT8	#	The number of successful outgoing AAL2 connection establishments.	Sum, tot
out_mod_attempt_at_nni	nok_nkss7sp_aal2nni_tab.xpvf0addmm2aicsd002uaxybdk	INT8	#	The number of outgoing AAL2 connection modification requests.	Sum, tot
out_mod_success_at_nni	nok_nkss7sp_aal2nni_tab.xpvf0afdmm2aicsd002uaxybdk	INT8	#	The number of successful outgoing AAL2 connection modifications.	Sum, tot
req_chan_at_nni	nok_nkss7sp_aal2nni_tab.usdd42tahl26seccb00hw01qk4	INT8	#	Requested circuit/channel not available (#44). Not in use.	Sum, nkspacbh, tot
res_man_overload_at_nni	nok_nkss7sp_aal2nni_tab.usasi1pahl26seccb00hw01qk4	INT8	#	Resource manager overload. Connection establishment is rejected because resource manager overload protection is activated in the	Sum, nkspacbh, tot

				destination AAL type 2 node.	
res_unavail_at_nni	nok_nkss7sp_aal2nni_tab.usenk1xahl26seccb00hw01qk4	INT8	#	Resource unavailable unspecified (#47). This counter provides the number of connections terminated by Cause No. 47. This cause is used to report a resource unavailable event only when no other cause in the resource unavailable class applies.	Sum, nkspacbh, tot
sai_alloc_at_nni	nok_nkss7sp_aal2nni_tab.urs5tblahl26seccb00hw01qk4	INT8	#	Originating Signalling Association Identifier (OSAI) allocation failure. An internal resource reservation fails for AAL2 connection establishment. Internal (nonprotocol) error.	Sum, nkspacbh, tot
temp_fail_at_nni	nok_nkss7sp_aal2nni_tab.uruhc2hahl26seccb00hw01qk4	INT8	#	Temporary failure (#41). This counter provides the number of connections terminated by Cause No. 41. The cause code indicates that the network is not functioning correctly and that the condition is not likely to last for a	Sum, nkspacbh, tot

				long period of time. For example, the user may wish to attempt another call almost immediately.	
timer_exp_blo_at_nni	nok_nkss7sp_aal2nni_tab.urohnxdahl26seccb00hw01qk4	INT8	#	Recovery on BLO_timer expiry (#102). This counter provides the number of connections terminated by Cause No. 102 block request. Block request is a Primitive to request the AAL type 2 signalling entity to locally block a particular, unblocked AAL type 2 path and to indicate this to the peer AAL type 2 signalling entity.	Sum, nkspacbh, tot
timer_exp_erq_at_nni	nok_nkss7sp_aal2nni_tab.urkpkflahl26seccb00hw01qk4	INT8	#	Recovery on ERQ_timer expiry (#102). This counter provides the number of connections terminated by Cause No. 102 establish request. Establish request Primitive is used by the AAL type 2 served user to start the establishment of a new AAL type 2 connection.	Sum, nkspacbh, tot
timer_exp_mod_at_nni	nok_nkss7sp_aal2nni_tab.xpvf0atdmm2aicsd002uaxybdk	INT8	#	The number of failed AAL2 connection modifications because of a timer	Sum, tot

				expiring.	
timer_exp_rel_at_nni	nok_nkss7sp_aal2nni_tab.urm0012ahl26seccb00hw01qk4	INT8	#	Recovery on REL_timer expiry (#102). This counter provides the number of connections terminated by Cause No. 102 release request. The Release request Primitive is used by the AAL type 2 served user to start the clearing of an AAL type 2 connection.	Sum, nkspacbh, tot
timer_exp_res_at_nni	nok_nkss7sp_aal2nni_tab.urn5xe6ahl26seccb00hw01qk4	INT8	#	Recovery on RES_timer expiry (#102). This counter provides the number of connections terminated by Cause No. 102 reset request. Reset request is a Primitive to request the AAL type 2 signalling entity to reset a particular channel, all channels on a particular AAL type 2 path, or all channels on all AAL type 2 paths between two nodes to the "Idle" state and to indicate this to the peer AAL type 2 signalling	Sum, nkspacbh, tot

				entity.	
timer_exp_ubl_at_nni	nok_nkss7sp_aal2nni_tab.urpq0mhahl26seccb00hw01qk4	INT8	#	Recovery on UBL_timer expiry (#102). This counter provides the number of connections terminated by Cause No. 102 unblock request. Unblock request is a Primitive to request the AAL type 2 signalling entity to locally unblock a particular, blocked AAL type 2 path and to indicate this to the peer AAL type 2 signalling entity.	Sum, nkspacbh, tot
unalloc_numb_at_nni	nok_nkss7sp_aal2nni_tab.us3lpvdahl26seccb00hw01qk4	INT8	#	Unallocated (unassigned) number (#1). This counter provides the number of the connections terminated by Cause No. 1. It indicates that the called party cannot be reached because, although the called party number is in a valid format, it is not currently allocated (assigned).	Sum, nkspacbh, tot

6.40.2 Signalling_Point.Nokia.UMTS.aal2_signalling

-Obsolete in RN2.1- AAL2 Signalling statistics.

KPI Name	Expression	Data Type	Units	Description	Aggregation
aal_para_nni	nok_nkss7p_aal2sl_tab.uqp	INT8	#	-Obsolete in RN2.1-	Sum,

	x0wdahl26seccb00hw01qk4			AAL parameters can not be supported (No.93). This parameter provides the number of connections terminated to Cause No.93. This cause is used to indicate that the requested AAL parameters can not be provided.	nkspacbh, tot
aal2pi_verif_nni	nok_nkss7p_aal2sl_tab.ural2o2ahl26seccb00hw01qk4	INT8	#	-Obsolete in RN2.1- The AAL type 2 Id verification/allocation failure. Requested AAL type 2 Path Identifier was not available in the destination AAL type 2 node. Internal (non protocol) error.	Sum, nkspacbh, tot
adj_node_not_avail_nni	nok_nkss7p_aal2sl_tab.urefv62ahl26seccb00hw01qk4	INT8	#	-Obsolete in RN2.1- Adjacent node not available. Connection establishment rejected since the signalling relation into the adjacent AAL type 2 node was not available. Internal (nonprotocol) error.	Sum, nkspacbh, tot
binding_id_verif_nni	nok_nkss7p_aal2sl_tab.urbt6jtahl26seccb00hw01qk4	INT8	#	-Obsolete in RN2.1- Binding id verification failure. Requested Binding Identifier was not	Sum, nkspacbh, tot

				available at the destination AAL type 2node. Internal (non protocol) error.	
cid_verif_nni	nok_nkss7p_aal2sl_tab.ur6dwdtahl26seccb00hw01qk4	INT8	#	-Obsolete in RN2.1-The AAL type 2 Id verification/allocation failure.Requested AAL type 2 Path Identifier was not available in the destination AAL type 2 node. Internal (non protocol) error.	Sum, nkspacbh, tot
common_nni	nok_nkss7p_aal2sl_tab.uqdqe6dahl26seccb00hw01qk4	INT8	#	-Obsolete in RN2.1-Successful connection established.The number of connection events started in the AAL2 signalling. The successful cases are stated in the program block operation. Which can still fail at a later stage.	Sum, nkspacbh, tot
congestion_nni	nok_nkss7p_aal2sl_tab.uqmhk3dahl26seccb00hw01qk4	INT8	#	-Obsolete in RN2.1-Switching equipment congestion (No.42). This parameter provides the number of connections terminated to Cause No.42. The cause code indicates that the switching equipment generating this cause is experiencing a period of high traffic. M545C3	Sum, nkspacbh, tot

				Since RN1.5	
info_not_impl_nni	nok_nkss7p_aal2sl_tab.uquoll2ahl26seccb00hw01qk4	INT8	#	-Obsolete in RN2.1-Information element non existent or not implemented (No.99). This parameter provides the number of connections terminated to Cause No.99. This indicates that the equipment sending this cause has received a message which includes information elements/parameters not recognized because the information element identifiers/parameter names are not defined or are defined but not implemented by the equipment sending the cause. This cause indicates that the information elements/parameters were discarded.However, the information element is not required to be present in the message in order for the equipment sending the cause to	Sum, nkspacbh, tot

				process the message.	
invalid_info_nni	nok_nkss7p_aal2sl_tab.uqvuyqtahl26seccb00hw01qk4	INT8	#	-Obsolete in RN2.1- Invalid information element contents (No.100). This parameter provides the number of connections terminated to Cause No.100. This cause indicates that the equipment sending this cause has received an information element which it has implemented however, one or more fields in the information element are coded in a way that has not been implemented by the equipment sending this cause.	Sum, nkspacbh, tot
invalid_msg_nni	nok_nkss7p_aal2sl_tab.uqr4ondahl26seccb00hw01qk4	INT8	#	-Obsolete in RN2.1- Invalid message (No.95). This parameter provides the number of connections terminated to Cause No.95. This cause is used to report an invalid message event only when no other cause in the invalid message class applies.	Sum, nkspacbh, tot
link_char_verif_nni	nok_nkss7p_aal2sl_tab.urd3ud6ahl26seccb00hw01qk4	INT8	#	-Obsolete in RN2.1- Required traffic characterizations unavailable. Requested traffic	Sum, nkspacbh, tot

				characterization was not available in the destination AALtype 2 node. Internal (non protocol) error.	
mandat_info_nni	nok_nkss7p_aal2sl_tab.uqse6wdahl26seccb00hw01qk4	INT8	#	-Obsolete in RN2.1- Mandatory information element is missing (No.96). This parameter provides the number of connections terminated to Cause No.96. This cause indicates that the equipment sending the cause has received a message which is missing an information element which must be present in the message before that message can be processed.	Sum, nkspacbh, tot
msg_not_impl_nni	nok_nkss7p_aal2sl_tab.uqtjippahl26seccb00hw01qk4	INT8	#	-Obsolete in RN2.1- Message type non existent or not implemented (No.97). This parameter provides the number of connections terminated to Cause No.97. This indicates that the equipment sending this cause has received a message with a message type	Sum, nkspacbh, tot

				which it does not recognize either because this is a message not defined or defined but not implemented by the equipment sending this cause.	
msg_unrecog_nni	nok_nkss7p_aal2sl_tab.ur3sktxahl26seccb00hw01qk4	INT8	#	-Obsolete in RN2.1- Message with unrecognized parameter, discarded (No.110). This parameter provides the number of connections terminated to Cause No.110. This cause indicates that the equipment sending this cause has discarded a received message which includes a parameter that is not recognized.	Sum, nkspacbh, tot
net_out_nni	nok_nkss7p_aal2sl_tab.uqjotedahl26seccb00hw01qk4	INT8	#	-Obsolete in RN2.1- Network out of order (No.38). This parameter provides the number of connections terminated by Cause No.38. This indicates that the network is not functioning correctly and that the condition is likely to last a relatively long period of time; for example, immediately attempting the call again is not likely to	Sum, nkspacbh, tot

				be successful.	
no_channel_nni	nok_nkss7p_aal2sl_tab.uqijue2ahl26seccb00hw01qk4	INT8	#	-Obsolete in RN2.1-No circuit or channel available (No.34).This parameter provides the number of connections terminated to CauseNo. 34. This indicates that there is no appropriate circuit or channel presently available to handle the call.	Sum, nkspacbh, tot
no_route_nni	nok_nkss7p_aal2sl_tab.uqhdlfxahl26seccb00hw01qk4	INT8	#	-Obsolete in RN2.1-No route to destination (No.3).This parameter provides a count of the number of connections terminated by CauseNo. 3. This indicates that the called party cannot be reached because the network through which the call has been routed does not serve the destination desired.	Sum, nkspacbh, tot
nodal_function_nni	nok_nkss7p_aal2sl_tab.uqewxn2ahl26seccb00hw01qk4	INT8	#	-Obsolete in RN2.1-Successful Nodal function transit connection established.The number of Nodal function transit	Sum, nkspacbh, tot

				connection events started in the AAL2signalling. The successful cases are stated in the program block operation.Which can still fail at a later stage.	
req_chan_nni	nok_nkss7p_aal2sl_tab.uqnm0rxahl26seccb00hw01qk4	INT8	#	-Obsolete in RN2.1-Requested circuit/channel not available (No.44). This parameter provides the number of connections terminated to Cause No.44. This cause is returned when the circuit or channel indicated by the requesting entity cannot be provided by the other side of the interface.	Sum, nkspacbh, tot
res_man_overload	nok_nkss7p_aal2sl_tab.urfn34tahl26seccb00hw01qk4	INT8	#	-Obsolete in RN2.1-AD Resource manager overload. Connection establishment rejected since the resource manager overload protection is activated (ticket not received from ticket service) in the destination AAL type 2 node.	Sum, nkspacbh, tot
res_unavail_nni	nok_nkss7p_aal2sl_tab.uqor2jpahl26seccb00hw01qk4	INT8	#	-Obsolete in RN2.1-Resource unavailable unspecified (No.47). This parameter provides the number	Sum, nkspacbh, tot

				of connections terminated to Cause No.47. This cause is used to report a resource unavailable event only when no other cause in the resource unavailable class applies.	
sai_alloc_nni	nok_nkss7p_aal2sl_tab.ur51wvlahl26seccb00hw01qk4	INT8	#	-Obsolete in RN2.1-OSAI allocation failure. This is the same as the hand process reservation failure. Internal (non protocol) error.	Sum, nkspacbh, tot
temp_fail_nni	nok_nkss7p_aal2sl_tab.uql15xhahl26seccb00hw01qk4	INT8	#	-Obsolete in RN2.1-Temporary failure (No.41). This parameter provides the number of connections terminated to Cause No.41. The cause code indicates that the network is not functioning correctly and that the condition is not likely to last for a long period of time; for example, the user may wish to try another call attempt almost immediately.	Sum, nkspacbh, tot
timer_exp_blo_nni	nok_nkss7p_aal2sl_tab.ur11avhahl26seccb00hw01qk4	INT8	#	-Obsolete in RN2.1-NI Recovery on BLO_timer expiry (No.102). This	Sum, nkspacbh, tot

				parameter provides the number of connections terminated to Cause No.102 block request. Block request is a Primitive to request the AAL type 2signalling entity to locally block a particular, unblocked AAL type 2 path and to indicate this to the peer AAL type 2 signalling entity.	
timer_exp_erq_nni	nok_nkss7p_aal2sl_tab.uqx2ju6ahl26seccb00hw01qk4	INT8	#	-Obsolete in RN2.1-Recovery on ERQ_timer expiry (No.102). This parameter provides the number of connections terminated to Cause No.102 establish request. Establish request Primitive is used by the AAL type 2served user to start the establishment of a new AAL type 2 connection.	Sum, nkspacbh, tot
timer_exp_rel_nni	nok_nkss7p_aal2sl_tab.uqybus2ahl26seccb00hw01qk4	INT8	#	-Obsolete in RN2.1-NI Recovery on REL_timer expiry (No.102). This parameter provides the number of connections terminated to Cause No.102 release request. The Release request Primitive is	Sum, nkspacbh, tot

				used by the AAL type2 served user to start the clearing of an AAL type 2 connection.	
timer_exp_res_nni	nok_nkss7p_aal2sl_tab.ur0gf4lahl26seccb00hw01qk4	INT8	#	-Obsolete in RN2.1-NI Recovery on RES_timer expiry (No.102). This parameter provides the number of connections terminated to Cause No.102 reset request. Reset request is a Primitive to request the AAL type 2signalling entity to reset a particular channel, all channels on a particular AALtype 2 path, or all channels on all AAL type 2 paths between two nodes to the "Idle" state and to indicate this to the peer AAL type 2 signalling entity.	Sum, nkspacbh, tot
timer_exp_ubl_nni	nok_nkss7p_aal2sl_tab.ur2p446ahl26seccb00hw01qk4	INT8	#	-Obsolete in RN2.1-Recovery on UBL_timer expiry (No.102). This parameter provides the number of connections terminated to Cause No.102 unblock	Sum, nkspacbh, tot

				request. Unblock request is a Primitive to request the AAL type 2signalling entity to locally unblock a particular, blocked AAL type 2 path and to indicate this to the peer AAL type 2 signalling entity.	
unalloc_numb_nni	nok_nkss7p_aal2sl_tab.uqg3cbtahl26seccb00hw01qk4	INT8	#	-Obsolete in RN2.1-Unallocated (unassigned) number (No.1).This parameter provides a count of the connections terminated by CauseNo. 1. It indicates that the called party cannot be reached because, although the called party number is in a valid format, it is not currently allocated (assigned).	Sum, nkspacbh, tot

6.40.3 Signalling_Point.Nokia.UMTS.mtp_matrix_signalling_traff

MTP matrix signalling traffic statistics

The performance data measurements for this KPI group are recorded against the combination of Signalling_Point, Originating_Point (originating_point_id) and Destination_Point (destination_point_id)

KPI Name	Expression	Data Type	Units	Description	Aggregation
received_octets	nok_nk_mtpsigt_tab.xpveyuxdmm2aicsd002uaxybdk	INTEGER	Byte	Number of SIF and SIO octets handled with given OPD, DPC, SIO, 6.6 in ITU-T Q.752.	Sum, tot

transmitted_octets	nok_nk_mtpsigt_tab.xpveyv0dmm2aicsd002uaxybdk	INTEGER	#	Number of MSUs handled with given OPD, DPC, SIO, 6.7 in ITU-T Q.752.	Sum, tot

6.40.4 Signalling_Point.Nokia.UMTS.mtp_signalling_point_status

MTP signalling point status statistics

KPI Name	Expression	Data Type	Units	Description	Aggregation
adjacent_sp_ina_duration	nok_nkmtp_sigpstat_tab.xjvheexdmm2aicsd002uaxybdk	INTEGER	Sec	Duration of adjacent signal point inaccessible, 5.2 in ITU-T Q.752.	Sum, tot
adjacent_sp_inaccessible	nok_nkmtp_sigpstat_tab.xjvhef0dmm2aicsd002uaxybdk	INTEGER	#	Number of adjacent signal point inaccessible, 5.1 in ITU-T Q.752.	Sum, tot
msu_discarded_rec_msus	nok_nkmtp_sigpstat_tab.xjvhef6dmm2aicsd002uaxybdk	INTEGER	#	Number of message signal units (MSU) discarded due to routing data error for received msus, part of 5.5 in ITU-T Q.752.	Sum, tot
msu_discarded_trans_msus	nok_nkmtp_sigpstat_tab.xjvhef4dmm2aicsd002uaxybdk	INTEGER	#	Number of message signal units (MSU) discarded due to routing data error for transmitted msus, part of 5.5 in ITU-T Q.752.	Sum, tot
nbr_of_received_tfc	nok_nkmtp_sigpstat_tab.xjvhef2dmm2aicsd002uaxyb	INTEGER	#	Number of transfer controlled	Sum, tot

	dk			messages received, 5.8 in ITU-T Q.752.	
unauthorized_stp_msus_inh_dpc	nok_nkmtp_sigpstat_tab.xjvhefbdmm2aicsd002uaxybdk	INTEGER	#	Unauthorized STP MSU count for inhibited DPC.	Sum, tot
unauthorized_stp_msus_inh_opc	nok_nkmtp_sigpstat_tab.xjvhefddmm2aicsd002uaxybdk	INTEGER	#	Unauthorized STP MSU count for inhibited OPC.	Sum, tot
unauthorized_stp_msus_inh_stp	nok_nkmtp_sigpstat_tab.xjvheffdmm2aicsd002uaxybdk	INTEGER	#	Unauthorized STP MSU count for inhibited STP.	Sum, tot
upus_received	nok_nkmtp_sigpstat_tab.xpveyt0dmm2aicsd002uaxybdk	INTEGER	#	User part unavailable MSU received, 5.7 in ITU-T Q.752.	Sum, tot
upus_transmitted	nok_nkmtp_sigpstat_tab.xjvhefhdmm2aicsd002uaxybdk	INTEGER	#	User part unavailable MSU transmitted, 5.6 in ITU-T Q.752.	Sum, tot

6.40.5 Signalling_Point.Nokia.UMTS.mtp_signalling_traf_report_sp

MTP signalling traffic statistics

KPI Name	Expression	Data Type	Units	Description	Aggregation
sif_and_sio_oct_rec_with_opc	nok_nkmtp_sigtrepsp_tab.xpveytndmm2aicsd002uaxybdk	INT8	Byte	Number of SIF and SIO octets received from OPC, 6.1 in ITU-T Q.752.	Sum, tot
stp_1	nok_nkmtp_sigtrepsp_tab.xpveytpdmm2aicsd002uaxybdk	INTEGER	#	Signalling Transfer Point 1 identifier.	Sum, avg, max, min, tot
stp_2	nok_nkmtp_sigtrepsp_tab.xpveyttdmm2aicsd002uaxybdk	INTEGER	#	Signalling Transfer Point 2 identifier.	Sum, avg, max, min, tot
stp_3	nok_nkmtp_sigtrepsp_tab.xpveytxdmm2aicsd002uaxybdk	INTEGER	#	Signalling Transfer Point 3 identifier.	Sum, avg, max, min, tot

stp_4	nok_nkmtp_sigtrepsp_tab.xpveyu2dmm2aicsd002uaxybdk	INTEGER	#	Signalling Transfer Point 4 identifier.	Sum, avg, max, min, tot
stp_5	nok_nkmtp_sigtrepsp_tab.xpveyu6dmm2aicsd002uaxybdk	INTEGER	#	Signalling Transfer Point 5 identifier.	Sum, avg, max, min, tot
stp_6	nok_nkmtp_sigtrepsp_tab.xpveyuddmm2aicsd002uaxybdk	INTEGER	#	Signalling Transfer Point 6 identifier.	Sum, avg, max, min, tot
stp_7	nok_nkmtp_sigtrepsp_tab.xpveyuhdmm2aicsd002uaxybdk	INTEGER	#	Signalling Transfer Point 7 identifier.	Sum, avg, max, min, tot
stp_8	nok_nkmtp_sigtrepsp_tab.xpveyuldmm2aicsd002uaxybdk	INTEGER	#	Signalling Transfer Point 8 identifier.	Sum, avg, max, min, tot
total_octets_rec_trans	nok_nkmtp_sigtrepsp_tab.sxh1itdds42aicsdr02uaxybdk	INT8	Byte	Total number of SIF and SIO octets (received + transmitted)	Sum, tot
total_octets_trans_to_dpc	nok_nkmtp_sigtrepsp_tab.xpveyurdmm2aicsd002uaxybdk	INT8	Byte	Number for transmitted SIF and SIO octets to DPC (total), 6.2 in ITU-T Q.752.	Sum, tot
transmitted_octets_1	nok_nkmtp_sigtrepsp_tab.xpveytrdmm2aicsd002uaxybdk	INT8	Byte	Number for transmitted SIF and SIO octets to DPC via STP 1, 6.2 in ITU-T Q.752.	Sum, tot
transmitted_octets_2	nok_nkmtp_sigtrepsp_tab.xpveytvdmm2aicsd002uaxybdk	INT8	Byte	Number for transmitted SIF and SIO octets to DPC via STP 2, 6.2 in ITU-T Q.752.	Sum, tot
transmitted_octets_	nok_nkmtp_sigtrepsp_tab.x	INT8	Byte	Number for	Sum, tot

3	pveyu0dmm2aicsd002uaxybdk			transmitted SIF and SIO octets to DPC via STP 3, 6.2 in ITU-T Q.752.	
transmitted_octets_4	nok_nkmtp_sigtrepsp_tab.xpveyu4dmm2aicsd002uaxybdk	INT8	Byte	Number for transmitted SIF and SIO octets to DPC via STP 4, 6.2 in ITU-T Q.752.	Sum, tot
transmitted_octets_5	nok_nkmtp_sigtrepsp_tab.xpveyubdmm2aicsd002uaxybdk	INT8	Byte	Number for transmitted SIF and SIO octets to DPC via STP 5, 6.2 in ITU-T Q.752.	Sum, tot
transmitted_octets_6	nok_nkmtp_sigtrepsp_tab.xpveyufdmm2aicsd002uaxybdk	INT8	Byte	Number for transmitted SIF and SIO octets to DPC via STP 6, 6.2 in ITU-T Q.752.	Sum, tot
transmitted_octets_7	nok_nkmtp_sigtrepsp_tab.xpveyujdmm2aicsd002uaxybdk	INT8	Byte	Number for transmitted SIF and SIO octets to DPC via STP 7, 6.2 in ITU-T Q.752.	Sum, tot
transmitted_octets_8	nok_nkmtp_sigtrepsp_tab.xpveyundmm2aicsd002uaxybdk	INT8	Byte	Number for transmitted SIF and SIO octets to DPC via STP 8, 6.2 in ITU-T Q.752.	Sum, tot

6.40.6 Signalling_Point.Nokia.UMTS.mtp_signalling_traf_report_userparts

MTP signalling traffic statistics for user parts

KPI Name	Expression	Data Type	Units	Description	Aggregation
received_octets	nok_nkmtp_sigtrepup_tab.xpveyutdmm2aicsd002uaxybdk	INTEGER	Byte	Number of SIF and SIO received with given SIO, 6.3 in ITU-T Q.752.	Sum, tot
transmitted_octets	nok_nkmtp_sigtrepup_tab.	INTEG	Byte	Number of SIF and	Sum, tot

	xpveyuvdmm2aicsd002uaxybdk	ER		SIO transmitted with given SIO, 6.3 in ITU-T Q.752.	

6.40.7 Signalling_Point.Nokia.UMTS.routing_error

Routing error statistics

KPI Name	Expression	Data Type	Units	Description	Aggregation
routing_failure_net_congestion	nok_spnt_routerr_tab.xpveyvjdmm2aicsd002uaxybdk	INTEGER	#	Routing error - due to network overload, 7.4 in ITU-T Q.752.	Sum, tot
routing_failure_net_failure	nok_spnt_routerr_tab.xpveyvhdmm2aicsd002uaxybdk	INTEGER	#	Routing error - due to failure in network, 7.3 in ITU-T Q.752.	Sum, tot
routing_failure_of_gt_type_1	nok_spnt_routerr_tab.xpveyv2dmm2aicsd002uaxybdk	INTEGER	#	Routing error - no translation of GT type 1, 7.1 in ITU-T Q.752.	Sum, tot
routing_failure_of_gt_type_2	nok_spnt_routerr_tab.xpveyv4dmm2aicsd002uaxybdk	INTEGER	#	Routing error - no translation of GT type 2.	Sum, tot
routing_failure_of_gt_type_3	nok_spnt_routerr_tab.xpveyv6dmm2aicsd002uaxybdk	INTEGER	#	Routing error - no translation of GT type 3.	Sum, tot
routing_failure_of_gt_type_4	nok_spnt_routerr_tab.xpveyvbdmm2aicsd002uaxybdk	INTEGER	#	Routing error - no translation of GT type 4.	Sum, tot
routing_failure_of_specific_gt	nok_spnt_routerr_tab.xpveyvfdmm2aicsd002uaxybdk	INTEGER	#	Routing error - no translation of specific GT, 7.2 in ITU-T Q.752.	Sum, tot
routing_failure_of_	nok_spnt_routerr_tab.xpve	INTEG	#	Routing error - no	Sum, tot

unknown_gt	yvddmm2aicsd002uaxybdk	ER		translation of unknown GT, 7.1 in ITU-T Q.752.	
routing_failure_reason_unknown	nok_spnt_routerr_tab.xpveyvrdmm2aicsd002uaxybdk	INTEGER	#	Routing error - unknown reason, 7.9 in ITU-T Q.752.	Sum, tot
routing_failure_ss_congestion	nok_spnt_routerr_tab.xpveyvndmm2aicsd002uaxybdk	INTEGER	#	Routing error - due to subsystem overload, 7.6 in ITU-T Q.752.	Sum, tot
routing_failure_subsys_failure	nok_spnt_routerr_tab.xpveyvldmm2aicsd002uaxybdk	INTEGER	#	Routing error - due to failure in sussystem 7.5 in ITU-T Q.752.	Sum, tot
routing_failure_unequipped_usr	nok_spnt_routerr_tab.xpveyvpdmm2aicsd002uaxybdk	INTEGER	#	Routing error - unequipped user, 7.7 in ITU-T Q.752.	Sum, tot

6.40.8 Signalling_Point.Nokia.UMTS.sccp_signalling_messages

SCCP signalling meassages statistics

KPI Name	Expression	Data Type	Units	Description	Aggregation
cr_messages_received_from_mtp	nok_spnt_sccpsigmsg_tab.xpveywpdmm2aicsd002uaxybdk	INTEGER	#	ISUP embedded CRs plus CRs received from MTP, 9bis.7 in ITU-T Q.752.	Sum, tot
cr_messages_sent_to_mtp	nok_spnt_sccpsigmsg_tab.xpveywndmm2aicsd002uaxybdk	INTEGER	#	ISUP embedded CRs plus CRs sent to MTP, 9bis.5 in ITU-T Q.752.	Sum, tot
cref_messages_receiv_from_mtp	nok_spnt_sccpsigmsg_tab.xpveywtdmm2aicsd002uaxybdk	INTEGER	#	CREF messages received from MTP, 9bis.8 in ITU-T Q.752.	Sum, tot
cref_messages_sent_to_mtp	nok_spnt_sccpsigmsg_tab.xpveywrdmm2aicsd002uaxy	INTEGER	#	CREF messages sent to MTP, 9bis.6	Sum, tot

	bdk			in ITU-T Q.752.	
err_messages_received_from_mtp	nok_spnt_sccpsigmsg_tab.xpveyx2dmm2aicsd002uaxybdk	INTEGER	#	ERR messages received from MTP, 9bis.12 in ITU-T Q.752.	Sum, tot
err_messages_sent_to_mtp	nok_spnt_sccpsigmsg_tab.xpveyx0dmm2aicsd002uaxybdk	INTEGER	#	ERR messages sent to MTP, 9bis.11 in ITU-T Q.752.	Sum, tot
failure_rel_compl_sup_dpc_cl_2	nok_spnt_sccpsigmsg_tab.xpveyx4dmm2aicsd002uaxybdk	INTEGER	#	Failure of release complete supervision, class 2, 7.15 in ITU-T Q.752.	Sum, tot
failure_rel_compl_sup_dpc_cl_3	nok_spnt_sccpsigmsg_tab.xpveyx6dmm2aicsd002uaxybdk	INTEGER	#	Failure of release complete supervision, class 3, 7.15 in ITU-T Q.752.	Sum, tot
ludt_messages_received	nok_spnt_sccpsigmsg_tab.xpveywhdmm2aicsd002uaxybdk	INTEGER	#	LUDT messages received, 9bis.19 in ITU-T Q.752.	Sum, tot
ludt_messages_sent	nok_spnt_sccpsigmsg_tab.xpveywfdmm2aicsd002uaxybdk	INTEGER	#	LUDT messages sent, 9bis.17 in ITU-T Q.752.	Sum, tot
ludts_messages_received	nok_spnt_sccpsigmsg_tab.xpveywldmm2aicsd002uaxybdk	INTEGER	#	LUDTS messages received, 9bis.20 in ITU-T Q.752.	Sum, tot
ludts_messages_sent	nok_spnt_sccpsigmsg_tab.xpveywjdmm2aicsd002uaxybdk	INTEGER	#	LUDTS messages sent, 9bis.18 in ITU-T Q.752.	Sum, tot
release_of_connection_to_dpc	nok_spnt_sccpsigmsg_tab.xpveyxhdmm2aicsd002uaxybdk	INTEGER	#	Provider initiated release of a connection, 7.18 in ITU-T Q.752.	Sum, tot
reset_of_connectio	nok_spnt_sccpsigmsg_tab.x	INTEG	#	Provider initiated	Sum, tot

This edition applies to IBM® Tivoli® Netcool® Performance Manager for Wireless and to all subsequent releases and modifications until otherwise indicated in new editions.

n_to_dpc	pveyxfdmm2aicsd002uaxybdk	ER		reset of a connection, 7.17 in ITU-T Q.752.	
rsr_messages_received_from_mtp	nok_spnt_sccpsigmsg_tab.xpveywxdmm2aicsd002uaxybdk	INTEGER	#	RSR messages received from MTP, 9bis.10 in ITU-T Q.752.	Sum, tot
rsr_messages_sent_to_mtp	nok_spnt_sccpsigmsg_tab.xpveywvdmm2aicsd002uaxybdk	INTEGER	#	RSR messages sent to MTP, 9bis.9 in ITU-T Q.752.	Sum, tot
syntax_error_detected	nok_spnt_sccpsigmsg_tab.xpveyvtdmm2aicsd002uaxybdk	INTEGER	#	Observed syntax errors, 7.8 in ITU-T Q.752.	Sum, tot
timer_tiar_expiry_for_dpc_cl_2	nok_spnt_sccpsigmsg_tab.xpveyxbdmm2aicsd002uaxybdk	INTEGER	#	Timer T(iar) expiry, class 2, 7.16 in ITU-T Q.752.	Sum, tot
timer_tiar_expiry_for_dpc_cl_3	nok_spnt_sccpsigmsg_tab.xpveyxddmm2aicsd002uaxybdk	INTEGER	#	Timer T(iar) expiry, class 3, 7.16 in ITU-T Q.752.	Sum, tot
udt_messages_received	nok_spnt_sccpsigmsg_tab.xpveyvxdmm2aicsd002uaxybdk	INTEGER	#	UDT messages received, 9bis.3 in ITU-T Q.752.	Sum, tot
udt_messages_sent	nok_spnt_sccpsigmsg_tab.xpveyvvdmm2aicsd002uaxybdk	INTEGER	#	UDT messages sent, 9bis.1 in ITU-T Q.752.	Sum, tot
udts_messages_received	nok_spnt_sccpsigmsg_tab.xpveyw2dmm2aicsd002uaxybdk	INTEGER	#	UDTS messages received, 9bis.4 in ITU-T Q.752.	Sum, tot
udts_messages_sent	nok_spnt_sccpsigmsg_tab.xpveyw0dmm2aicsd002uaxybdk	INTEGER	#	UDTS messages sent, 9bis.2 in ITU-T Q.752.	Sum, tot
xudt_messages_received	nok_spnt_sccpsigmsg_tab.xpveyw6dmm2aicsd002uaxybdk	INTEGER	#	XUDT messages received, 9bis.15 in ITU-T Q.752.	Sum, tot
xudt_messages_sent	nok_spnt_sccpsigmsg_tab.xpveyw4dmm2aicsd002uaxybdk	INTEGER	#	XUDT messages sent, 9bis.13 in ITU-T Q.752.	Sum, tot
xudts_messages_re	nok_spnt_sccpsigmsg_tab.x	INTEG	#	XUDTS messages	Sum, tot

ceived	pveywddmm2aicsd002uaxybdk	ER		received, 9bis.16 in ITU-T Q.752.	
xudts_messages_sent	nok_spnt_sccpsigmsg_tab.xpveywbdmm2aicsd002uaxybdk	INTEGER	#	XUDTS messages sent, 9bis.14 in ITU-T Q.752.	Sum, tot

6.40.9 Signalling_Point.Nokia.UMTS.sccp_subsystem1_msgs

SCCP subsystem1 messages

KPI Name	Expression	Data Type	Units	Description	Aggregation
ss_allowed_messages_rxed_1	nok_spnt_sccpsub1msg_tab.xpveyxpdmm2aicsd002uaxybdk	INTEGER	#	Subsystem 1 allowed messages received, 8.12 in ITU-T Q.752.	Sum, tot
ss_congested_messages_rxed_1	nok_spnt_sccpsub1msg_tab.xpveyxldmm2aicsd002uaxybdk	INTEGER	#	SCCP / Subsystem 1 congested messages received, 8.8 in ITU-T Q.752.	Sum, tot
ss_prohibited_messages_rxed_1	nok_spnt_sccpsub1msg_tab.xpveyxndmm2aicsd002uaxybdk	INTEGER	#	Subsystem 1 prohibited messages received, 8.11 in ITU-T Q.752.	Sum, tot
subsystem_number_1	nok_spnt_sccpsub1msg_tab.xpveyxjdmm2aicsd002uaxybdk	INTEGER	#	Identifier of subsystem 1	Constant, tot, min, max

6.40.10Signalling_Point.Nokia.UMTS.sccp_subsystem10_msgs

SCCP subsystem10 messages

KPI Name	Expression	Data Type	Units	Description	Aggregation
ss_allowed_messag	nok_spnt_sccpsub10msg_t	INTEG	#	Subsystem 10	Sum, tot

es_rxed_10	ab.xpvf00xdmm2aicsd002uaxybdk	ER		allowed messages received, 8.12 in ITU-T Q.752.	
ss_congested_messages_rxed_10	nok_spnt_sccpsub10msg_tab.xpvf00tdmm2aicsd002uaxybdk	INTEGER	#	SCCP / Subsystem 10 congested messages received, 8.8 in ITU-T Q.752.	Sum, tot
ss_prohibited_messages_rxed_10	nok_spnt_sccpsub10msg_tab.xpvf00vdmm2aicsd002uaxybdk	INTEGER	#	Subsystem 10 prohibited messages received, 8.11 in ITU-T Q.752.	Sum, tot
subsystem_number_10	nok_spnt_sccpsub10msg_tab.xpvf00rdmm2aicsd002uaxybdk	INTEGER	#	Identifier of subsystem 10	Constant, tot, min, max

6.40.11Signalling_Point.Nokia.UMTS.sccp_subsystem11_msgs

SCCP subsystem11 messages

KPI Name	Expression	Data Type	Units	Description	Aggregation
ss_allowed_messages_rxed_11	nok_spnt_sccpsub11msg_tab.xpvf016dmm2aicsd002uaxybdk	INTEGER	#	Subsystem 11 allowed messages received, 8.12 in ITU-T Q.752.	Sum, tot
ss_congested_messages_rxed_11	nok_spnt_sccpsub11msg_tab.xpvf012dmm2aicsd002uaxybdk	INTEGER	#	SCCP / Subsystem 11 congested messages received, 8.8 in ITU-T Q.752.	Sum, tot
ss_prohibited_messages_rxed_11	nok_spnt_sccpsub11msg_tab.xpvf014dmm2aicsd002uaxybdk	INTEGER	#	Subsystem 11 prohibited messages received, 8.11 in ITU-T Q.752.	Sum, tot
subsystem_number_11	nok_spnt_sccpsub11msg_tab.xpvf010dmm2aicsd002uaxybdk	INTEGER	#	Identifier of subsystem 11	Constant, tot, min, max

6.40.12Signalling_Point.Nokia.UMTS.sccp_subsystem12_msgs

SCCP subsystem12 messages

KPI Name	Expression	Data Type	Units	Description	Aggregation
ss_allowed_messages_rxed_12	nok_spnt_sccpsub12msg_tab.xpvf01hdmm2aicsd002uaxybdk	INTEGER	#	Subsystem 12 allowed messages received, 8.12 in ITU-T Q.752.	Sum, tot
ss_congested_messages_rxed_12	nok_spnt_sccpsub12msg_tab.xpvf01ddmm2aicsd002uaxybdk	INTEGER	#	SCCP / Subsystem 12 congested messages received, 8.8 in ITU-T Q.752.	Sum, tot
ss_prohibited_messages_rxed_12	nok_spnt_sccpsub12msg_tab.xpvf01fdmm2aicsd002uaxybdk	INTEGER	#	Subsystem 12 prohibited messages received, 8.11 in ITU-T Q.752.	Sum, tot
subsystem_number_12	nok_spnt_sccpsub12msg_tab.xpvf01bdmm2aicsd002uaxybdk	INTEGER	#	Identifier of subsystem 12	Constant, tot, min, max

6.40.13Signalling_Point.Nokia.UMTS.sccp_subsystem13_msgs

SCCP subsystem13 messages

KPI Name	Expression	Data Type	Units	Description	Aggregation
ss_allowed_messages_rxed_13	nok_spnt_sccpsub13msg_tab.xpvf01pdmm2aicsd002uaxybdk	INTEGER	#	Subsystem 13 allowed messages received, 8.12 in ITU-T Q.752.	Sum, tot
ss_congested_messages_rxed_13	nok_spnt_sccpsub13msg_tab.xpvf01ldmm2aicsd002uaxybdk	INTEGER	#	SCCP / Subsystem 13 congested messages received, 8.8 in ITU-T	Sum, tot

				Q.752.	
ss_prohibited_messages_rxed_13	nok_spnt_sccpsub13msg_tab.xpvf01ndmm2aicsd002uaxybdk	INTEGER	#	Subsystem 13 prohibited messages received, 8.11 in ITU-T Q.752.	Sum, tot
subsystem_number_13	nok_spnt_sccpsub13msg_tab.xpvf01jdmm2aicsd002uaxybdk	INTEGER	#	Identifier of subsystem 13	Constant, tot, min, max

6.40.14Signalling_Point.Nokia.UMTS.sccp_subsystem14_msgs

SCCP subsystem14 messages

KPI Name	Expression	Data Type	Units	Description	Aggregation
ss_allowed_messages_rxed_14	nok_spnt_sccpsub14msg_tab.xpvf01xdmm2aicsd002uaxybdk	INTEGER	#	Subsystem 14 allowed messages received, 8.12 in ITU-T Q.752.	Sum, tot
ss_congested_messages_rxed_14	nok_spnt_sccpsub14msg_tab.xpvf01tdmm2aicsd002uaxybdk	INTEGER	#	SCCP / Subsystem 14 congested messages received, 8.8 in ITU-T Q.752.	Sum, tot
ss_prohibited_messages_rxed_14	nok_spnt_sccpsub14msg_tab.xpvf01vdmm2aicsd002uaxybdk	INTEGER	#	Subsystem 14 prohibited messages received, 8.11 in ITU-T Q.752.	Sum, tot
subsystem_number_14	nok_spnt_sccpsub14msg_tab.xpvf01rdmm2aicsd002uaxybdk	INTEGER	#	Identifier of subsystem 14	Constant, tot, min, max

6.40.15Signalling_Point.Nokia.UMTS.sccp_subsystem15_msgs

SCCP subsystem15 messages

KPI Name	Expression	Data Type	Units	Description	Aggregation
ss_allowed_messag	nok_spnt_sccpsub15msg_t	INTEG	#	Subsystem 15	Sum, tot

es_rxed_15	ab.xpvf026dmm2aicsd002uaxybdk	ER		allowed messages received, 8.12 in ITU-T Q.752.	
ss_congested_messages_rxed_15	nok_spnt_sccpsub15msg_tab.xpvf022dmm2aicsd002uaxybdk	INTEGER	#	SCCP / Subsystem 15 congested messages received, 8.8 in ITU-T Q.752.	Sum, tot
ss_prohibited_messages_rxed_15	nok_spnt_sccpsub15msg_tab.xpvf024dmm2aicsd002uaxybdk	INTEGER	#	Subsystem 15 prohibited messages received, 8.11 in ITU-T Q.752.	Sum, tot
subsystem_number_15	nok_spnt_sccpsub15msg_tab.xpvf020dmm2aicsd002uaxybdk	INTEGER	#	Identifier of subsystem 15	Constant, tot, min, max

6.40.16Signalling_Point.Nokia.UMTS.sccp_subsystem16_msgs

SCCP subsystem16 messages

KPI Name	Expression	Data Type	Units	Description	Aggregation
ss_allowed_messages_rxed_16	nok_spnt_sccpsub16msg_tab.xpvf02hdmm2aicsd002uaxybdk	INTEGER	#	Subsystem 16 allowed messages received, 8.12 in ITU-T Q.752.	Sum, tot
ss_congested_messages_rxed_16	nok_spnt_sccpsub16msg_tab.xpvf02ddmm2aicsd002uaxybdk	INTEGER	#	SCCP / Subsystem 16 congested messages received, 8.8 in ITU-T Q.752.	Sum, tot
ss_prohibited_messages_rxed_16	nok_spnt_sccpsub16msg_tab.xpvf02fdmm2aicsd002uaxybdk	INTEGER	#	Subsystem 16 prohibited messages received, 8.11 in ITU-T Q.752.	Sum, tot

subsystem_number_16	nok_spnt_sccpsub16msg_tab.xpvf02bdmm2aicsd002uaxybdk	INTEGER	#	Identifier of subsystem 16	Constant, tot, min, max

6.40.17Signalling_Point.Nokia.UMTS.sccp_subsystem17_msgs

SCCP subsystem17 messages

KPI Name	Expression	Data Type	Units	Description	Aggregation
ss_allowed_messages_rxed_17	nok_spnt_sccpsub17msg_tab.xpvf02pdmm2aicsd002uaxybdk	INTEGER	#	Subsystem 17 allowed messages received, 8.12 in ITU-T Q.752.	Sum, tot
ss_congested_messages_rxed_17	nok_spnt_sccpsub17msg_tab.xpvf02ldmm2aicsd002uaxybdk	INTEGER	#	SCCP / Subsystem 17 congested messages received, 8.8 in ITU-T Q.752.	Sum, tot
ss_prohibited_messages_rxed_17	nok_spnt_sccpsub17msg_tab.xpvf02ndmm2aicsd002uaxybdk	INTEGER	#	Subsystem 17 prohibited messages received, 8.11 in ITU-T Q.752.	Sum, tot
subsystem_number_17	nok_spnt_sccpsub17msg_tab.xpvf02jdmm2aicsd002uaxybdk	INTEGER	#	Identifier of subsystem 17	Constant, tot, min, max

6.40.18Signalling_Point.Nokia.UMTS.sccp_subsystem18_msgs

SCCP subsystem18 messages

KPI Name	Expression	Data Type	Units	Description	Aggregation
ss_allowed_messages_rxed_18	nok_spnt_sccpsub18msg_tab.xpvf02xdmm2aicsd002uaxybdk	INTEGER	#	Subsystem 18 allowed messages received, 8.12 in ITU-T Q.752.	Sum, tot
ss_congested_messages_rxed_18	nok_spnt_sccpsub18msg_tab.xpvf02tdmm2aicsd002uaxybdk	INTEGER	#	SCCP / Subsystem 18 congested messages received, 8.8 in ITU-T	Sum, tot

				Q.752.	
ss_prohibited_messages_rxed_18	nok_spnt_sccpsub18msg_tab.xpvf02vdmm2aicsd002uaxybdk	INTEGER	#	Subsystem 18 prohibited messages received, 8.11 in ITU-T Q.752.	Sum, tot
subsystem_number_18	nok_spnt_sccpsub18msg_tab.xpvf02rdmm2aicsd002uaxybdk	INTEGER	#	Identifier of subsystem 18	Constant, tot, min, max

6.40.19Signalling_Point.Nokia.UMTS.sccp_subsystem19_msgs

SCCP subsystem19 messages

KPI Name	Expression	Data Type	Units	Description	Aggregation
ss_allowed_messages_rxed_19	nok_spnt_sccpsub19msg_tab.xpvf036dmm2aicsd002uaxybdk	INTEGER	#	Subsystem 19 allowed messages received, 8.12 in ITU-T Q.752.	Sum, tot
ss_congested_messages_rxed_19	nok_spnt_sccpsub19msg_tab.xpvf032dmm2aicsd002uaxybdk	INTEGER	#	SCCP / Subsystem 19 congested messages received, 8.8 in ITU-T Q.752.	Sum, tot
ss_prohibited_messages_rxed_19	nok_spnt_sccpsub19msg_tab.xpvf034dmm2aicsd002uaxybdk	INTEGER	#	Subsystem 19 prohibited messages received, 8.11 in ITU-T Q.752.	Sum, tot
subsystem_number_19	nok_spnt_sccpsub19msg_tab.xpvf030dmm2aicsd002uaxybdk	INTEGER	#	Identifier of subsystem 19	Constant, tot, min, max

6.40.20Signalling_Point.Nokia.UMTS.sccp_subsystem2_msgs

SCCP subsystem2 messages

KPI Name	Expression	Data Type	Units	Description	Aggregation
ss_allowed_messages_rxed_2	nok_spnt_sccpsub2msg_tab.xpveyxxdmm2aicsd002uaxybdk	INTEGER	#	Subsystem 2 allowed messages received, 8.12 in ITU-T Q.752.	Sum, tot
ss_congested_messages_rxed_2	nok_spnt_sccpsub2msg_tab.xpveyxtdmm2aicsd002uaxybdk	INTEGER	#	SCCP / Subsystem 2 congested messages received, 8.8 in ITU-T Q.752.	Sum, tot
ss_prohibited_messages_rxed_2	nok_spnt_sccpsub2msg_tab.xpveyxvdmm2aicsd002uaxybdk	INTEGER	#	Subsystem 2 prohibited messages received, 8.11 in ITU-T Q.752.	Sum, tot
subsystem_number_2	nok_spnt_sccpsub2msg_tab.xpveyxrdmm2aicsd002uaxybdk	INTEGER	#	Identifier of subsystem 2	Constant, tot, min, max

6.40.21 Signalling_Point.Nokia.UMTS.sccp_subsystem20_msgs

SCCP subsystem20 messages

KPI Name	Expression	Data Type	Units	Description	Aggregation
ss_allowed_messages_rxed_20	nok_spnt_sccpsub20msg_tab.xpvf03hdmm2aicsd002uaxybdk	INTEGER	#	Subsystem 20 allowed messages received, 8.12 in ITU-T Q.752.	Sum, tot
ss_congested_messages_rxed_20	nok_spnt_sccpsub20msg_tab.xpvf03ddmm2aicsd002uaxybdk	INTEGER	#	SCCP / Subsystem 20 congested messages received, 8.8 in ITU-T Q.752.	Sum, tot
ss_prohibited_messages_rxed_20	nok_spnt_sccpsub20msg_tab.xpvf03fdmm2aicsd002uaxybdk	INTEGER	#	Subsystem 20 prohibited messages received, 8.11 in ITU-T Q.752.	Sum, tot
subsystem_number	nok_spnt_sccpsub20msg_t	INTEG	#	Identifier of	Constant,

_20	ab.xpvf03bdmm2aicsd002uaxybdk	ER		subsystem 20	tot, min, max

6.40.22Signalling_Point.Nokia.UMTS.sccp_subsystem3_msgs

SCCP subsystem3 messages

KPI Name	Expression	Data Type	Units	Description	Aggregation
ss_allowed_messages_rxed_3	nok_spnt_sccpsub3msg_tab.xpveyy6dmm2aicsd002uaxybdk	INTEGER	#	Subsystem 3 allowed messages received, 8.12 in ITU-T Q.752.	Sum, tot
ss_congested_messages_rxed_3	nok_spnt_sccpsub3msg_tab.xpveyy2dmm2aicsd002uaxybdk	INTEGER	#	SCCP / Subsystem 3 congested messages received, 8.8 in ITU-T Q.752.	Sum, tot
ss_prohibited_messages_rxed_3	nok_spnt_sccpsub3msg_tab.xpveyy4dmm2aicsd002uaxybdk	INTEGER	#	Subsystem 3 prohibited messages received, 8.11 in ITU-T Q.752.	Sum, tot
subsystem_number_3	nok_spnt_sccpsub3msg_tab.xpveyy0dmm2aicsd002uaxybdk	INTEGER	#	Identifier of subsystem 3	Constant, tot, min, max

6.40.23Signalling_Point.Nokia.UMTS.sccp_subsystem4_msgs

SCCP subsystem4 messages

KPI Name	Expression	Data Type	Units	Description	Aggregation
ss_allowed_messages_rxed_4	nok_spnt_sccpsub4msg_tab.xpveyyhdmm2aicsd002uaxybdk	INTEGER	#	Subsystem 4 allowed messages received, 8.12 in ITU-T Q.752.	Sum, tot

This edition applies to IBM® Tivoli® Netcool® Performance Manager for Wireless and to all subsequent releases and modifications until otherwise indicated in new editions.

ss_congested_messages_rxed_4	nok_spnt_sccpsub4msg_tab.xpveyyddmm2aicsd002uaxybdk	INTEGER	#	SCCP / Subsystem 4 congested messages received, 8.8 in ITU-T Q.752.	Sum, tot
ss_prohibited_messages_rxed_4	nok_spnt_sccpsub4msg_tab.xpveyyfdmm2aicsd002uaxybdk	INTEGER	#	Subsystem 4 prohibited messages received, 8.11 in ITU-T Q.752.	Sum, tot
subsystem_number_4	nok_spnt_sccpsub4msg_tab.xpveyybdmm2aicsd002uaxybdk	INTEGER	#	Identifier of subsystem 4	Constant, tot, min, max

6.40.24Signalling_Point.Nokia.UMTS.sccp_subsystem5_msgs

SCCP subsystem5 messages

KPI Name	Expression	Data Type	Units	Description	Aggregation
ss_allowed_messages_rxed_5	nok_spnt_sccpsub5msg_tab.xpveyypdmm2aicsd002uaxybdk	INTEGER	#	Subsystem 5 allowed messages received, 8.12 in ITU-T Q.752.	Sum, tot
ss_congested_messages_rxed_5	nok_spnt_sccpsub5msg_tab.xpveyyldmm2aicsd002uaxybdk	INTEGER	#	SCCP / Subsystem 5 congested messages received, 8.8 in ITU-T Q.752.	Sum, tot
ss_prohibited_messages_rxed_5	nok_spnt_sccpsub5msg_tab.xpveyyndmm2aicsd002uaxybdk	INTEGER	#	Subsystem 5 prohibited messages received, 8.11 in ITU-T Q.752.	Sum, tot
subsystem_number_5	nok_spnt_sccpsub5msg_tab.xpveyyjdmm2aicsd002uaxybdk	INTEGER	#	Identifier of subsystem 5	Constant, tot, min, max

6.40.25Signalling_Point.Nokia.UMTS.sccp_subsystem6_msgs

SCCP subsystem6 messages

KPI Name	Expression	Data Type	Units	Description	Aggregation
ss_allowed_messages_rxed_6	nok_spnt_sccpsub6msg_tab.xpveyyxdmm2aicsd002uaxybdk	INTEGER	#	Subsystem 6 allowed messages received, 8.12 in ITU-T Q.752.	Sum, tot
ss_congested_messages_rxed_6	nok_spnt_sccpsub6msg_tab.xpveyytdmm2aicsd002uaxybdk	INTEGER	#	SCCP / Subsystem 6 congested messages received, 8.8 in ITU-T Q.752.	Sum, tot
ss_prohibited_messages_rxed_6	nok_spnt_sccpsub6msg_tab.xpveyyvdmm2aicsd002uaxybdk	INTEGER	#	Subsystem 6 prohibited messages received, 8.11 in ITU-T Q.752.	Sum, tot
subsystem_number_6	nok_spnt_sccpsub6msg_tab.xpveyyrdmm2aicsd002uaxybdk	INTEGER	#	Identifier of subsystem 6	Constant, tot, min, max

6.40.26Signalling_Point.Nokia.UMTS.sccp_subsystem7_msgs

SCCP subsystem7 messages

KPI Name	Expression	Data Type	Units	Description	Aggregation
ss_allowed_messages_rxed_7	nok_spnt_sccpsub7msg_tab.xpvf006dmm2aicsd002uaxybdk	INTEGER	#	Subsystem 7 allowed messages received, 8.12 in ITU-T Q.752.	Sum, tot
ss_congested_messages_rxed_7	nok_spnt_sccpsub7msg_tab.xpvf002dmm2aicsd002uaxybdk	INTEGER	#	SCCP / Subsystem 7 congested messages received, 8.8 in ITU-T Q.752.	Sum, tot
ss_prohibited_mess	nok_spnt_sccpsub7msg_ta	INTEG	#	Subsystem 7	Sum, tot

ages_rxed_7	b.xpvf004dmm2aicsd002uaxybdk	ER		prohibited messages received, 8.11 in ITU-T Q.752.	
subsystem_number_7	nok_spnt_sccpsub7msg_tab.xpvf000dmm2aicsd002uaxybdk	INTEGER	#	Identifier of subsystem 7	Constant, tot, min, max

6.40.27Signalling_Point.Nokia.UMTS.sccp_subsystem8_msgs

SCCP subsystem8 messages

KPI Name	Expression	Data Type	Units	Description	Aggregation
ss_allowed_messages_rxed_8	nok_spnt_sccpsub8msg_tab.xpvf00hdmm2aicsd002uaxybdk	INTEGER	#	Subsystem 8 allowed messages received, 8.12 in ITU-T Q.752.	Sum, tot
ss_congested_messages_rxed_8	nok_spnt_sccpsub8msg_tab.xpvf00ddmm2aicsd002uaxybdk	INTEGER	#	SCCP / Subsystem 8 congested messages received, 8.8 in ITU-T Q.752.	Sum, tot
ss_prohibited_messages_rxed_8	nok_spnt_sccpsub8msg_tab.xpvf00fdmm2aicsd002uaxybdk	INTEGER	#	Subsystem 8 prohibited messages received, 8.11 in ITU-T Q.752.	Sum, tot
subsystem_number_8	nok_spnt_sccpsub8msg_tab.xpvf00bdmm2aicsd002uaxybdk	INTEGER	#	Identifier of subsystem 8	Constant, tot, min, max

6.40.28Signalling_Point.Nokia.UMTS.sccp_subsystem9_msgs

SCCP subsystem9 messages

KPI Name	Expression	Data Type	Units	Description	Aggregation
ss_allowed_messages_rxed_9	nok_spnt_sccpsub9msg_tab.xpvf00pdmm2aicsd002uaxybdk	INTEGER	#	Subsystem 9 allowed messages received, 8.12 in ITU-T Q.752.	Sum, tot

ss_congested_messages_rxed_9	nok_spnt_sccpsub9msg_tab.xpvf00ldmm2aicsd002uaxybdk	INTEGER	#	SCCP / Subsystem 9 congested messages received, 8.8 in ITU-T Q.752.	Sum, tot
ss_prohibited_messages_rxed_9	nok_spnt_sccpsub9msg_tab.xpvf00ndmm2aicsd002uaxybdk	INTEGER	#	Subsystem 9 prohibited messages received, 8.11 in ITU-T Q.752.	Sum, tot
subsystem_number_9	nok_spnt_sccpsub9msg_tab.xpvf00jdmm2aicsd002uaxybdk	INTEGER	#	Identifier of subsystem 9	Constant, tot, min, max

6.41 WAC_Unit Performance Indicators

- WAC_Unit.Nokia.UMTS.wac_overload_control

6.41.1 WAC_Unit.Nokia.UMTS.wac_overload_control

Window Access Control (WAC) overload control statistics.

KPI Name	Expression	Data Type	Units	Description	Aggregation
wac_gate_req_total_rej	nok_nkwac_wacovr_tab.usmkcc2ahl26seccb00hw01qk4	INT8	#	The total number of rejected WAC (Windows Access Control) Gate requests. When an entity wants to establish some kind of a signalling connection, such as an AAL2 signalling connection, it should first ask permission from WAC Gate. If the	Sum, tot

				maximum number of accesses is reached, the request will be rejected or put into a queue, waiting for resources to be released. With WAC in place, it is possible to protect system resources and prevent overload situations.	
wac_gate_req_total	nok_nkwac_wacovr_tab.usl 6x0dahl26seccb00hw01qk4	INT8	#	The total number of WAC (Windows Access Control) Gate requests that has been released and rejected. When an entity wants to establish some kind of a signalling connection, such as an AAL2 signalling connection, it should firstly ask permission from WAC Gate. If the maximum number of accesses is reached, the request is rejected or put into a queue, waiting for resources to be released by other. With WAC in place, it is possible to protect system resources and prevent overload situations.	Sum, tot

7 Database Schema

7.1 Hierarchy Tables

This section lists the hierarchy ("NC") tables that are included in this technology pack module's database schema.

7.1.1 NC_AGPS_IF

Column Name	Data Type	Time-Tracked?	Loader Block/Mapping
NC_ID	NUMBER		
AGPS_IF_ID	VARCHAR2(50)		[PMMOResult_LCS_AGPS] RNC & "/" & AGPS_IF
RNC_ID	VARCHAR2(50)	Y	[PMMOResult_LCS_AGPS] RNC
REGION_ID	VARCHAR2(50)	Y	[PMMOResult_LCS_AGPS] lookup("nc_bsc","REGION_ID",utime(startDate & " " & startTime,"%Y-%m-%d %R"),RNC)
NETWORK_ID	VARCHAR2(50)	Y	[PMMOResult_LCS_AGPS] lookup("nc_bsc","NETWORK_ID",utime(startDate & " " & startTime,"%Y-%m-%d %R"),RNC)
TIMESTAMP	DATE		
ENDSTAMP	DATE		
AGPS_IF_NAME	VARCHAR2(		[PMMOResult_LCS_AGPS] RNC & "/" &

	255)		AGPS_IF
NODE_ID	VARCHAR2(50)		[PMMOResult_LCS_AGPS] RNC
NODE_NAME	VARCHAR2(255)		[PMMOResult_LCS_AGPS] RNC
NODE_TYPE	VARCHAR2(50)		[PMMOResult_LCS_AGPS] "RNC"
VERSION	VARCHAR2(255)		[PMMOResult_LCS_AGPS] "RU10"
TECHNOLOGY	VARCHAR2(50)		[PMMOResult_LCS_AGPS] "UMTS"
VENDOR	VARCHAR2(50)		[PMMOResult_LCS_AGPS] "Nokia"

7.1.2 NC_ASSOIND

Column Name	Data Type	Time-Tracked?	Loader Block/Mapping
NC_ID	NUMBER		
ASSOIND_ID	VARCHAR2(50)		[PMMOResult_M3UA_Association_Set] RNC & "/" & ASSNAME & "/" & ASSIND
ASSOSET_ID	VARCHAR2(50)	Y	[PMMOResult_M3UA_Association_Set] RNC & "/" & ASSNAME
RNC_ID	VARCHAR2(50)	Y	[PMMOResult_M3UA_Association_Set] RNC
REGION_ID	VARCHAR2(50)	Y	[PMMOResult_M3UA_Association_Set] lookup("nc_bsc","REGION_ID",utime(startDate & " " & startTime,"%Y-%m-%d %R"),RNC)
NETWORK_ID	VARCHAR2(50)	Y	[PMMOResult_M3UA_Association_Set] lookup("nc_bsc","NETWORK_ID",utime(startDate & " " & startTime,"%Y-%m-%d %R"),RNC)
TIMESTAMP	DATE		

ENDSTAMP	DATE		
ASSOIND_NAME	VARCHAR2(255)		[PMMOResult_M3UA_Association_Set] RNC & "/" & ASSNAME & "/" & ASSIND
NODE_ID	VARCHAR2(255)		[PMMOResult_M3UA_Association_Set] RNC
NODE_TYPE	VARCHAR2(255)		[PMMOResult_M3UA_Association_Set] "RNC"
ASSOIND_VERSION	VARCHAR2(50)		[PMMOResult_M3UA_Association_Set] "RU10"
TECHNOLOGY	VARCHAR2(50)		[PMMOResult_M3UA_Association_Set] "UMTS"
VENDOR	VARCHAR2(50)		[PMMOResult_M3UA_Association_Set] "Nokia"

7.1.3 NC_ASSOSET

Column Name	Data Type	Time-Tracked?	Loader Block/Mapping
NC_ID	NUMBER		
ASSOSET_ID	VARCHAR2(50)		[PMMOResult_M3UA_Association_Set] RNC & "/" & ASSNAME
RNC_ID	VARCHAR2(50)	Y	[PMMOResult_M3UA_Association_Set] RNC
REGION_ID	VARCHAR2(50)	Y	[PMMOResult_M3UA_Association_Set] lookup("nc_bsc","REGION_ID",utime(startDate & " " & startTime,"%Y-%m-%d %R"),RNC)
NETWORK_ID	VARCHAR2(50)	Y	[PMMOResult_M3UA_Association_Set] lookup("nc_bsc","NETWORK_ID",utime(startDate & " " & startTime,"%Y-%m-%d %R"),RNC)

TIMESTAMP	DATE		
ENDSTAMP	DATE		
ASSOSET_NAME	VARCHAR2(255)		[PMMOResult_M3UA_Association_Set] RNC & "/" & ASSNAME
NODE_ID	VARCHAR2(255)		[PMMOResult_M3UA_Association_Set] RNC
NODE_TYPE	VARCHAR2(255)		[PMMOResult_M3UA_Association_Set] "RNC"
ASSOSET_VERSION	VARCHAR2(50)		[PMMOResult_M3UA_Association_Set] "RU10"
TECHNOLOGY	VARCHAR2(50)		[PMMOResult_M3UA_Association_Set] "UMTS"
VENDOR	VARCHAR2(50)		[PMMOResult_M3UA_Association_Set] "Nokia"

7.1.4 NC_ATM_ROUTE

Column Name	Data Type	Time-Tracked?	Loader Block/Mapping
NC_ID	NUMBER		
ATM_ROUTE_ID	VARCHAR2(50)		[PMMOResult_ATM_route_load] RNC & "/" & ROUTE_ID
RNC_ID	VARCHAR2(50)	Y	[PMMOResult_ATM_route_load] RNC
REGION_ID	VARCHAR2(50)	Y	[PMMOResult_ATM_route_load] lookup("nc_bsc","REGION_ID",utime(startDate & " " & startTime,"%Y-%m-%d %R"),RNC)
NETWORK_ID	VARCHAR2(50)	Y	[PMMOResult_ATM_route_load] lookup("nc_bsc","NETWORK_ID",utime(startDate & " " & startTime,"%Y-%m-%d %R"),RNC)
TIMESTAMP	DATE		
ENDSTAMP	DATE		
ATM_ROUTE_NAME	VARCHAR2(		[PMMOResult_ATM_route_load] RNC &

	255)		"/" & ROUTE_ID
NODE_ID	VARCHAR2(50)		[PMMOResult_ATM_route_load] RNC
NODE_NAME	VARCHAR2(255)		[PMMOResult_ATM_route_load] RNC
NODE_TYPE	VARCHAR2(50)		[PMMOResult_ATM_route_load] "RNC"
VERSION	VARCHAR2(255)		[PMMOResult_ATM_route_load] "RU10"
TECHNOLOGY	VARCHAR2(50)		[PMMOResult_ATM_route_load] "UMTS"
VENDOR	VARCHAR2(50)		[PMMOResult_ATM_route_load] "Nokia"

7.1.5 NC_ATM_VCC

Column Name	Data Type	Time-Tracked?	Loader Block/Mapping
NC_ID	NUMBER		
ATM_VCC_ID	VARCHAR2(50)		[PMMOResult_ATM_virtual_channel] RNC & "/" & INTERFACE_ID & "/" & VPI & "/" & VCI
ATM_VPC_ID	VARCHAR2(50)	Y	[PMMOResult_ATM_virtual_channel] RNC & "/" & INTERFACE_ID & "/" & VPI
REGION_ID	VARCHAR2(50)	Y	[PMMOResult_ATM_virtual_channel] lookup("nc_bsc","REGION_ID",utime(startDate & " " & startTime,"%Y-%m-%d %R"),RNC)
NETWORK_ID	VARCHAR2(50)	Y	[PMMOResult_ATM_virtual_channel] lookup("nc_bsc","NETWORK_ID",utime(startDate & " " & startTime,"%Y-%m-%d

			%R"),RNC)
NODE_ID	VARCHAR2(50)	Y	[PMMOResult_ATM_virtual_channel] RNC
TIMESTAMP	DATE		
ENDSTAMP	DATE		
ATM_VCC_NAME	VARCHAR2(255)		[PMMOResult_ATM_virtual_channel] RNC & "/" & INTERFACE_ID & "/" & VPI & "/" & VCI
NODE_NAME	VARCHAR2(255)		[PMMOResult_ATM_virtual_channel] RNC
NODE_TYPE	VARCHAR2(50)		[PMMOResult_ATM_virtual_channel] "RNC"
VERSION	VARCHAR2(50)		[PMMOResult_ATM_virtual_channel] "RU10"
TECHNOLOGY	VARCHAR2(50)		[PMMOResult_ATM_virtual_channel] "UMTS"
AAL_ID	VARCHAR2(50)		
AAL_NAME	VARCHAR2(255)		
NODEB_ID	VARCHAR2(255)		
NODEB_NAME	VARCHAR2(255)		
AAL_TYPE	VARCHAR2(255)		
VENDOR	VARCHAR2(50)		[PMMOResult_ATM_virtual_channel] "Nokia"

7.1.6 NC_ATM_VPC

Column Name	Data Type	Time-Tracked?	Loader Block/Mapping
NC_ID	NUMBER		

ATM_VPC_ID	VARCHAR2(50)		[PMMOResult_ATM_VPC] RNC & "/" & INTERFACE_ID & "/" & VPI
REGION_ID	VARCHAR2(50)	Y	[PMMOResult_ATM_VPC] lookup("nc_bsc","REGION_ID",utime(startDate & " " & startTime,"%Y-%m-%d %R"),RNC)
NETWORK_ID	VARCHAR2(50)	Y	[PMMOResult_ATM_VPC] lookup("nc_bsc","NETWORK_ID",utime(startDate & " " & startTime,"%Y-%m-%d %R"),RNC)
NODE_ID	VARCHAR2(50)	Y	[PMMOResult_ATM_VPC] RNC
TIMESTAMP	DATE		
ENDSTAMP	DATE		
ATM_VPC_NAME	VARCHAR2(255)		[PMMOResult_ATM_VPC] RNC & "/" & INTERFACE_ID & "/" & VPI
NODE_NAME	VARCHAR2(255)		[PMMOResult_ATM_VPC] RNC
NODE_TYPE	VARCHAR2(50)		[PMMOResult_ATM_VPC] "RNC"
VERSION	VARCHAR2(50)		[PMMOResult_ATM_VPC] "RU10"
TECHNOLOGY	VARCHAR2(50)		[PMMOResult_ATM_VPC] "UMTS"
VENDOR	VARCHAR2(50)		[PMMOResult_ATM_VPC] "Nokia"

7.1.7 NC_BSC_NEIGHBOUR

Column Name	Data Type	Time-Tracked?	Loader Block/Mapping
NC_ID	NUMBER		

BSC_NEIGHBOUR_ID	VARCHAR2(50)		[PMMOResult_L3Iur] RNC & "/" & RRNC
SOURCE_BSC_ID	VARCHAR2(50)	Y	[PMMOResult_L3Iur] RNC
TARGET_BSC_ID	VARCHAR2(50)	Y	[PMMOResult_L3Iur] RRNC
TIMESTAMP	DATE		
ENDSTAMP	DATE		
BSC_NEIGHBOUR_NAME	VARCHAR2(255)		[PMMOResult_L3Iur] RNC & "/" & RRNC
SOURCE_BSC_TECHNOLOGY	VARCHAR2(50)		[PMMOResult_L3Iur] "UMTS"
SOURCE_BSC_TYPE	VARCHAR2(50)		[PMMOResult_L3Iur] "UMTS"
SOURCE_BSC_VENDOR	VARCHAR2(50)		[PMMOResult_L3Iur] "Nokia"
SOURCE_BSC_VERSION	VARCHAR2(50)		[PMMOResult_L3Iur] "RU10"
TARGET_BSC_TECHNOLOGY	VARCHAR2(50)		[PMMOResult_L3Iur] "UMTS"
TARGET_BSC_TYPE	VARCHAR2(50)		[PMMOResult_L3Iur] "UMTS"
TARGET_BSC_VENDOR	VARCHAR2(50)		[PMMOResult_L3Iur] "Nokia"
TARGET_BSC_VERSION	VARCHAR2(50)		[PMMOResult_L3Iur] "RU10"
VENDOR	VARCHAR2(50)		[PMMOResult_L3Iur] "Nokia"

7.1.8 NC_BSC

Column Name	Data Type	Time-Tracked?	Loader Block/Mapping
NC_ID	NUMBER		

BSC_ID	VARCHAR2(50)		[PMMOResult_L3Iu] RNC
MSC_ID	VARCHAR2(50)	Y	[PMMOResult_L3Iu] "Populated by customer"
NETWORK_ID	VARCHAR2(50)	Y	[PMMOResult_L3Iu] NETWORK_ID
REGION_ID	VARCHAR2(50)	Y	[PMMOResult_L3Iu] REGION_ID
SGSN_ID	VARCHAR2(50)	Y	
TIMESTAMP	DATE		
ENDSTAMP	DATE		
BSC_NAME	VARCHAR2(255)		[PMMOResult_L3Iu] RNC
BSC_VERSION	VARCHAR2(50)		[PMMOResult_L3Iu] "RU10"
TECHNOLOGY	VARCHAR2(50)		[PMMOResult_L3Iu] "UMTS"
VENDOR	VARCHAR2(50)		[PMMOResult_L3Iu] "Nokia"

7.1.9 NC_BS

Column Name	Data Type	Time-Tracked?	Loader Block/Mapping
NC_ID	NUMBER		
BS_ID	VARCHAR2(50)		[PMMOResult_Traffic] WBTS
BSC_ID	VARCHAR2(50)	Y	[PMMOResult_Traffic] RNC

This edition applies to IBM® Tivoli® Netcool® Performance Manager for Wireless and to all subsequent releases and modifications until otherwise indicated in new editions.

MSC_ID	VARCHAR2(50)	Y	[PMMOResult_Traffic] "Populated by customer"
NETWORK_ID	VARCHAR2(50)	Y	[PMMOResult_Traffic] lookup("nc_bsc","NETWORK_ID",utime(startDate & " " & startTime,"%Y-%m-%d %R"),RNC)
REGION_ID	VARCHAR2(50)	Y	[PMMOResult_Traffic] lookup("nc_bsc","REGION_ID",utime(startDate & " " & startTime,"%Y-%m-%d %R"),RNC)
SGSN_ID	VARCHAR2(50)	Y	
TIMESTAMP	DATE		
ENDSTAMP	DATE		
SITE_NAME	VARCHAR2(255)		[PMMOResult_Traffic] WBTS
SITE_VERSION	VARCHAR2(50)		[PMMOResult_Traffic] "RU10"
TECHNOLOGY	VARCHAR2(50)		[PMMOResult_Traffic] "UMTS"
VENDOR	VARCHAR2(50)		[PMMOResult_Traffic] "Nokia"

7.1.10 NC_CELL_GPRS_EXT

Column Name	Data Type	Time-Tracked?	Loader Block/Mapping
NC_ID	NUMBER		
CELL_ID	VARCHAR2(50)		[PMMOResult_Traffic] WBTS & "/" & CELLID
TIMESTAMP	DATE		
ENDSTAMP	DATE		
NSVC_CN_ID	VARCHAR2(50)		[PMMOResult_Traffic] "Populated by customer"
BVC_ID	VARCHAR2(		[PMMOResult_Traffic] "Populated by

	50)		customer"
DEFINED_PDCH	NUMBER		[PMMOResult_Traffic] "Populated by customer"
DEDICATED_PDCH	NUMBER		[PMMOResult_Traffic] "Populated by customer"
VENDOR	VARCHAR2(50)		[PMMOResult_Traffic] "Nokia"

7.1.11 NC_CELL_UMTS_EXT

Column Name	Data Type	Time-Tracked?	Loader Block/Mapping
NC_ID	NUMBER		
CELL_ID	VARCHAR2(50)		[PMMOResult_Traffic] WBTS & "/" & CELLID
GPRS_CELL_ID	VARCHAR2(50)	Y	[PMMOResult_Traffic] "Populated by customer"
UMTS_CELL_ID	VARCHAR2(50)	Y	[PMMOResult_Traffic] "Populated by customer"
TIMESTAMP	DATE		
ENDSTAMP	DATE		
UARFCNUL	VARCHAR2(50)		[PMMOResult_Traffic] "Populated by customer"
UARFCNDL	VARCHAR2(50)		[PMMOResult_Traffic] "Populated by customer"
PRIMSCRMBLCD	VARCHAR2(50)		[PMMOResult_Traffic] "Populated by customer"
PRIMCPICHPWR	FLOAT		[PMMOResult_Traffic] "Populated by customer"
PRIMSCHPWR	FLOAT		[PMMOResult_Traffic] "Populated by

			customer"
SECSCHPWR	VARCHAR2(50)		[PMMOResult_Traffic] "Populated by customer"
BCHPOWER	VARCHAR2(50)		[PMMOResult_Traffic] "Populated by customer"
VENDOR	VARCHAR2(50)		[PMMOResult_Traffic] "Nokia"

7.1.12 NC_CELL

Column Name	Data Type	Time-Tracked?	Loader Block/Mapping
NC_ID	NUMBER		
CELL_ID	VARCHAR2(50)		[PMMOResult_Traffic] WBTS & "/" & CELLID
BS_ID	VARCHAR2(50)	Y	[PMMOResult_Traffic] WBTS
BSC_ID	VARCHAR2(50)	Y	[PMMOResult_Traffic] RNC
PCU_ID	VARCHAR2(50)	Y	[PMMOResult_Traffic] "Populated by customer"
NSVC_ID	VARCHAR2(50)	Y	[PMMOResult_Traffic] "Populated by customer"
LAC_ID	VARCHAR2(50)	Y	[PMMOResult_Traffic] LACID
ROUTING_AREA_ID	VARCHAR2(50)	Y	[PMMOResult_Traffic] RACID
MSC_ID	VARCHAR2(50)	Y	[PMMOResult_Traffic] "Populated by customer"
SGSN_ID	VARCHAR2(50)	Y	
REGION_ID	VARCHAR2(50)	Y	[PMMOResult_Traffic] lookup("nc_bsc","REGION_ID",utime(startDate & " " & startTime,"%Y-%m-%d %R"),RNC)

NETWORK_ID	VARCHAR2(50)	Y	[PMMOResult_Traffic] lookup("nc_bsc","NETWORK_ID",utime(startDate & " " & startTime,"%Y-%m-%d %R"),RNC)
TIMESTAMP	DATE		
ENDSTAMP	DATE		
UARFCNUL	VARCHAR2(255)		[PMMOResult_Traffic] "Populated by customer"
UARFCNDL	VARCHAR2(255)		[PMMOResult_Traffic] "Populated by customer"
PRIMSCRMBLCD	VARCHAR2(255)		[PMMOResult_Traffic] "Populated by customer"
PRIMCPICHPWR	NUMBER		[PMMOResult_Traffic] "Populated by customer"
PRIMSCHPWR	NUMBER		[PMMOResult_Traffic] "Populated by customer"
SECSCHPWR	VARCHAR2(255)		[PMMOResult_Traffic] "Populated by customer"
BCHPOWER	VARCHAR2(255)		[PMMOResult_Traffic] "Populated by customer"
CELL_NAME	VARCHAR2(255)		[PMMOResult_Traffic] CELLNAME
CELL_TYPE	VARCHAR2(50)		[PMMOResult_Traffic] "Populated by customer"
CELL_DESCRIPTION	VARCHAR2(255)		[PMMOResult_Traffic] "Populated by customer"
REGISTRATION_AREA_ID	VARCHAR2(50)		[PMMOResult_Traffic] "Populated by customer"
MAX_POWER	FLOAT		[PMMOResult_Traffic] "Populated by customer"
DEFINED_TRX	NUMBER		[PMMOResult_Traffic] "Populated by

This edition applies to IBM® Tivoli® Netcool® Performance Manager for Wireless and to all subsequent releases and modifications until otherwise indicated in new editions.

			customer"
DEFINED_TCH	NUMBER		[PMMOResult_Traffic] "Populated by customer"
DEFINED_CCH	NUMBER		[PMMOResult_Traffic] "Populated by customer"
SEGMENT_ID	VARCHAR2(50)		[PMMOResult_Traffic] "Populated by customer"
CELL_VERSION	VARCHAR2(50)		[PMMOResult_Traffic] "RU10"
TECHNOLOGY	VARCHAR2(50)		[PMMOResult_Traffic] "UMTS"
VENDOR	VARCHAR2(50)		[PMMOResult_Traffic] "Nokia"

7.1.13 NC_COMPUTER_UNIT

Column Name	Data Type	Time-Tracked?	Loader Block/Mapping
NC_ID	NUMBER		
COMPUTER_UNIT_ID	VARCHAR2(50)		[PMMOResult_Unit_Load] RNC & "/" & UNIT_TYPE & "/" & UNIT_INDEX
COMPUTER_UNIT_NAME	VARCHAR2(255)	Y	[PMMOResult_Unit_Load] RNC & "/" & UNIT_TYPE & "/" & UNIT_INDEX
REGION_ID	VARCHAR2(50)	Y	[PMMOResult_Unit_Load] lookup("nc_bsc","REGION_ID",utime(startDate & " " & startTime,"%Y-%m-%d %R"),RNC)
NETWORK_ID	VARCHAR2(50)	Y	[PMMOResult_Unit_Load] lookup("nc_bsc","NETWORK_ID",utime(startDate & " " & startTime,"%Y-%m-%d %R"),RNC)
NODE_ID	VARCHAR2(50)	Y	[PMMOResult_Unit_Load] RNC
TIMESTAMP	DATE		
ENDSTAMP	DATE		

COMPUTER_UNIT_TYPE	VARCHAR2(50)		[PMMOResult_Unit_Load] UNIT_TYPE
VERSION	VARCHAR2(50)		[PMMOResult_Unit_Load] "RU10"
TECHNOLOGY	VARCHAR2(50)		[PMMOResult_Unit_Load] "UMTS"
NODE_NAME	VARCHAR2(255)		[PMMOResult_Unit_Load] RNC
NODE_TYPE	VARCHAR2(50)		[PMMOResult_Unit_Load] "RNC"
VENDOR	VARCHAR2(50)		[PMMOResult_Unit_Load] "Nokia"

7.1.14 NC_DESTINATION_POINT

Column Name	Data Type	Time-Tracked?	Loader Block/Mapping
NC_ID	NUMBER		
DESTINATION_POINT_ID	VARCHAR2(50)		[PMMOResult_MTP_Matrix_Sig_Traffic] DSPC
REGION_ID	VARCHAR2(50)	Y	[PMMOResult_MTP_Matrix_Sig_Traffic] lookup("nc_bsc","REGION_ID",utime(startDate & " " & startTime,"%Y-%m-%d %R"),RNC)
NETWORK_ID	VARCHAR2(50)	Y	[PMMOResult_MTP_Matrix_Sig_Traffic] lookup("nc_bsc","NETWORK_ID",utime(startDate & " " & startTime,"%Y-%m-%d %R"),RNC)
TIMESTAMP	DATE		
ENDSTAMP	DATE		
DESTINATION_POINT_NAME	VARCHAR2(255)		[PMMOResult_MTP_Matrix_Sig_Traffic] DSPC

NODE_ID	VARCHAR2(50)		[PMMOResult_MTP_Matrix_Sig_Traffic] RNC
NODE_NAME	VARCHAR2(255)		[PMMOResult_MTP_Matrix_Sig_Traffic] RNC
NODE_TYPE	VARCHAR2(50)		[PMMOResult_MTP_Matrix_Sig_Traffic] "RNC"
VERSION	VARCHAR2(50)		[PMMOResult_MTP_Matrix_Sig_Traffic] "RU10"
TECHNOLOGY	VARCHAR2(50)		[PMMOResult_MTP_Matrix_Sig_Traffic] "UMTS"
VENDOR	VARCHAR2(50)		[PMMOResult_MTP_Matrix_Sig_Traffic] "Nokia"

7.1.15 NC_DSP_POOL

Column Name	Data Type	Time-Tracked?	Loader Block/Mapping
NC_ID	NUMBER		
DSP_POOL_ID	VARCHAR2(50)		[PMMOResult_DSP_Resource_Utilization] RNC & "/" & DSP_Pool
RNC_ID	VARCHAR2(50)	Y	[PMMOResult_DSP_Resource_Utilization] RNC
REGION_ID	VARCHAR2(50)	Y	[PMMOResult_DSP_Resource_Utilization] lookup("nc_bsc","REGION_ID",utime(startDate & " " & startTime,"%Y-%m-%d %R"),RNC)
NETWORK_ID	VARCHAR2(50)	Y	[PMMOResult_DSP_Resource_Utilization] lookup("nc_bsc","NETWORK_ID",utime(startDate & " " & startTime,"%Y-%m-%d %R"),RNC)
TIMESTAMP	DATE		
ENDSTAMP	DATE		
DSP_POOL_NAME	VARCHAR2(255)		[PMMOResult_DSP_Resource_Utilization] RNC & "/" & DSP_Pool

VERSION	VARCHAR2(255)		[PMMOResult_DSP_Resource_Utilization] "RU10"
TECHNOLOGY	VARCHAR2(50)		[PMMOResult_DSP_Resource_Utilization] "UMTS"
VENDOR	VARCHAR2(50)		[PMMOResult_DSP_Resource_Utilization] "Nokia"

7.1.16 NC_DSP_SERVICE_TYPE

Column Name	Data Type	Time-Tracked?	Loader Block/Mapping
NC_ID	NUMBER		
DSP_SERVICE_TYPE_ID	VARCHAR2(50)		[PMMOResult_DSP_Service_Statistics] SERV_TYPE
TIMESTAMP	DATE		
ENDSTAMP	DATE		
DSP_SERVICE_TYPE_NAME	VARCHAR2(255)		[PMMOResult_DSP_Service_Statistics] SERV_TYPE
VENDOR	VARCHAR2(50)		[PMMOResult_DSP_Service_Statistics] "Nokia"

7.1.17 NC_ETHERNET_IF

Column Name	Data Type	Time-Tracked?	Loader Block/Mapping
NC_ID	NUMBER		
ETHERNET_IF_ID	VARCHAR2(50)		[PMMOResult_Ethernet_Interface_Perf] RNC & "/" & UNIT_TYPE & "/" & UNIT_INDEX & "/" & ETH_IF
RNC_ID	VARCHAR2(	Y	[PMMOResult_Ethernet_Interface_Perf]

This edition applies to IBM® Tivoli® Netcool® Performance Manager for Wireless and to all subsequent releases and modifications until otherwise indicated in new editions.

	50)		RNC
REGION_ID	VARCHAR2(50)	Y	[PMMOResult_Ethernet_Interface_Perf] lookup("nc_bsc","REGION_ID",utime(startDate & " " & startTime,"%Y-%m-%d %R"),RNC)
NETWORK_ID	VARCHAR2(50)	Y	[PMMOResult_Ethernet_Interface_Perf] lookup("nc_bsc","NETWORK_ID",utime(startDate & " " & startTime,"%Y-%m-%d %R"),RNC)
TIMESTAMP	DATE		
ENDSTAMP	DATE		
ETHERNET_IF_NAME	VARCHAR2(255)		[PMMOResult_Ethernet_Interface_Perf] RNC & "/" & UNIT_TYPE & "/" & UNIT_INDEX & "/" & ETH_IF
NODE_ID	VARCHAR2(50)		[PMMOResult_Ethernet_Interface_Perf] RNC
NODE_NAME	VARCHAR2(255)		[PMMOResult_Ethernet_Interface_Perf] RNC
NODE_TYPE	VARCHAR2(50)		[PMMOResult_Ethernet_Interface_Perf] "RNC"
VERSION	VARCHAR2(255)		[PMMOResult_Ethernet_Interface_Perf] "RU10"
TECHNOLOGY	VARCHAR2(50)		[PMMOResult_Ethernet_Interface_Perf] "UMTS"
VENDOR	VARCHAR2(50)		[PMMOResult_Ethernet_Interface_Perf] "Nokia"

7.1.18 NC_EXCHANGE_TERMINAL

Column Name	Data Type	Time-Tracked?	Loader Block/Mapping
NC_ID	NUMBER		
EXCHANGE_TERMINAL_ID	VARCHAR2(50)		[PMMOResult_PDH_Statistics] RNC & "/" & UNIT_TYPE & "/" & UNIT_INDEX
REGION_ID	VARCHAR2(	Y	[PMMOResult_PDH_Statistics]

	50)		lookup("nc_bsc","REGION_ID",utime(startDate & " " & startTime,"%Y-%m-%d %R"),RNC)
NETWORK_ID	VARCHAR2(50)	Y	[PMMOResult_PDH_Statistics] lookup("nc_bsc","NETWORK_ID",utime(startDate & " " & startTime,"%Y-%m-%d %R"),RNC)
TIMESTAMP	DATE		
ENDSTAMP	DATE		
EXCHANGE_TERMINAL_NAME	VARCHAR2(255)		[PMMOResult_PDH_Statistics] RNC & "/" & UNIT_TYPE & "/" & UNIT_INDEX
ET_UNIT_TYPE	VARCHAR2(50)		[PMMOResult_PDH_Statistics] UNIT_TYPE
ET_UNIT_INDEX	VARCHAR2(50)		[PMMOResult_PDH_Statistics] UNIT_INDEX
NODE_ID	VARCHAR2(50)		[PMMOResult_PDH_Statistics] RNC
NODE_NAME	VARCHAR2(255)		[PMMOResult_PDH_Statistics] RNC
NODE_TYPE	VARCHAR2(50)		[PMMOResult_PDH_Statistics] "RNC"
VENDOR	VARCHAR2(50)		[PMMOResult_PDH_Statistics] "Nokia"

7.1.19 NC_FTM_AAL2

Column Name	Data Type	Time-Tracked?	Loader Block/Mapping
NC_ID	NUMBER		
FTM_AAL2_ID	VARCHAR2(50)		[PMMOResult_AAL2_Sched_Perf_BTS] RNC & "/" & WBTS & "/" & FTM & "/" & A2NE & "/" & A2ST & "/" & A2UT

This edition applies to IBM® Tivoli® Netcool® Performance Manager for Wireless and to all subsequent releases and modifications until otherwise indicated in new editions.

NODEB_ID	VARCHAR2(50)	Y	[PMMOResult_AAL2_Sched_Perf_BTS] WBTS
RNC_ID	VARCHAR2(50)	Y	[PMMOResult_AAL2_Sched_Perf_BTS] RNC
REGION_ID	VARCHAR2(50)	Y	[PMMOResult_AAL2_Sched_Perf_BTS] lookup("nc_bsc","REGION_ID",utime(startDate & " " & startTime,"%Y-%m-%d %R"),RNC)
NETWORK_ID	VARCHAR2(50)	Y	[PMMOResult_AAL2_Sched_Perf_BTS] lookup("nc_bsc","NETWORK_ID",utime(startDate & " " & startTime,"%Y-%m-%d %R"),RNC)
TIMESTAMP	DATE		
ENDSTAMP	DATE		
FTM_AAL2_NAME	VARCHAR2(255)		[PMMOResult_AAL2_Sched_Perf_BTS] RNC & "/" & WBTS & "/" & FTM & "/" & A2NE & "/" & A2ST & "/" & A2UT
NODE_ID	VARCHAR2(50)		[PMMOResult_AAL2_Sched_Perf_BTS] WBTS
NODE_NAME	VARCHAR2(255)		[PMMOResult_AAL2_Sched_Perf_BTS] "WBTS"
NODE_TYPE	VARCHAR2(50)		[PMMOResult_AAL2_Sched_Perf_BTS] "WBTS"
VERSION	VARCHAR2(255)		[PMMOResult_AAL2_Sched_Perf_BTS] "RU10"
TECHNOLOGY	VARCHAR2(50)		[PMMOResult_AAL2_Sched_Perf_BTS] "UMTS"
VENDOR	VARCHAR2(50)		[PMMOResult_AAL2_Sched_Perf_BTS] "Nokia"

7.1.20 NC_FTM_ATM_IF

Column Name	Data Type	Time-Tracked?	Loader Block/Mapping
NC_ID	NUMBER		

FTM_ATM_IF_ID	VARCHAR2(50)		[PMMOResult_FTM_ATM_if] RNC & "/" & WBTS & "/" & FTM & "/" & TCTT
NODEB_ID	VARCHAR2(50)	Y	[PMMOResult_FTM_ATM_if] WBTS
RNC_ID	VARCHAR2(50)	Y	[PMMOResult_FTM_ATM_if] RNC
REGION_ID	VARCHAR2(50)	Y	[PMMOResult_FTM_ATM_if] lookup("nc_bsc","REGION_ID",utime(startDate & " " & startTime,"%Y-%m-%d %R"),RNC)
NETWORK_ID	VARCHAR2(50)	Y	[PMMOResult_FTM_ATM_if] lookup("nc_bsc","NETWORK_ID",utime(startDate & " " & startTime,"%Y-%m-%d %R"),RNC)
TIMESTAMP	DATE		
ENDSTAMP	DATE		
FTM_ATM_IF_NAME	VARCHAR2(255)		[PMMOResult_FTM_ATM_if] RNC & "/" & WBTS & "/" & FTM & "/" & TCTT
NODE_ID	VARCHAR2(50)		[PMMOResult_FTM_ATM_if] WBTS
NODE_NAME	VARCHAR2(255)		[PMMOResult_FTM_ATM_if] WBTS
NODE_TYPE	VARCHAR2(50)		[PMMOResult_FTM_ATM_if] "WBTS"
VERSION	VARCHAR2(255)		[PMMOResult_FTM_ATM_if] "RU10"
TECHNOLOGY	VARCHAR2(50)		[PMMOResult_FTM_ATM_if] "UMTS"
VENDOR	VARCHAR2(50)		[PMMOResult_FTM_ATM_if] "Nokia"

This edition applies to IBM® Tivoli® Netcool® Performance Manager for Wireless and to all subsequent releases and modifications until otherwise indicated in new editions.

7.1.21 NC_FTM_ATM_VC

Column Name	Data Type	Time-Tracked?	Loader Block/Mapping
NC_ID	NUMBER		
FTM_ATM_VC_ID	VARCHAR2(50)		[PMMOResult_FTM_ATM_VC] RNC & "/" & WBTS & "/" & FTM & "/" & VPTT & "/" & VCCT
NODEB_ID	VARCHAR2(50)	Y	[PMMOResult_FTM_ATM_VC] WBTS
RNC_ID	VARCHAR2(50)	Y	[PMMOResult_FTM_ATM_VC] RNC
REGION_ID	VARCHAR2(50)	Y	[PMMOResult_FTM_ATM_VC] lookup("nc_bsc","REGION_ID",utime(startDate & " " & startTime,"%Y-%m-%d %R"),RNC)
NETWORK_ID	VARCHAR2(50)	Y	[PMMOResult_FTM_ATM_VC] lookup("nc_bsc","NETWORK_ID",utime(startDate & " " & startTime,"%Y-%m-%d %R"),RNC)
TIMESTAMP	DATE		
ENDSTAMP	DATE		
FTM_ATM_VC_NAME	VARCHAR2(255)		[PMMOResult_FTM_ATM_VC] RNC & "/" & WBTS & "/" & FTM & "/" & VPTT & "/" & VCCT
NODE_ID	VARCHAR2(50)		[PMMOResult_FTM_ATM_VC] WBTS
NODE_NAME	VARCHAR2(255)		[PMMOResult_FTM_ATM_VC] WBTS
NODE_TYPE	VARCHAR2(50)		[PMMOResult_FTM_ATM_VC] "WBTS"
VERSION	VARCHAR2(255)		[PMMOResult_FTM_ATM_VC] "RU10"
TECHNOLOGY	VARCHAR2(50)		[PMMOResult_FTM_ATM_VC] "UMTS"
VENDOR	VARCHAR2(		[PMMOResult_FTM_ATM_VC] "Nokia"

	50)		

7.1.22 NC_FTM_ATM_VP

Column Name	Data Type	Time-Tracked?	Loader Block/Mapping
NC_ID	NUMBER		
FTM_ATM_VP_ID	VARCHAR2(50)		[PMMOResult_FTM_ATM_VP] RNC & "/" & WBTS & "/" & FTM & "/" & TCTT & "/" & VPCT
FTM_ATM_IF_ID	VARCHAR2(50)	Y	[PMMOResult_FTM_ATM_VP] RNC & "/" & WBTS & "/" & FTM & "/" & TCTT
NODEB_ID	VARCHAR2(50)	Y	[PMMOResult_FTM_ATM_VP] WBTS
RNC_ID	VARCHAR2(50)	Y	[PMMOResult_FTM_ATM_VP] RNC
REGION_ID	VARCHAR2(50)	Y	[PMMOResult_FTM_ATM_VP] lookup("nc_bsc","REGION_ID",utime(startDate & " " & startTime,"%Y-%m-%d %R"),RNC)
NETWORK_ID	VARCHAR2(50)	Y	[PMMOResult_FTM_ATM_VP] lookup("nc_bsc","NETWORK_ID",utime(startDate & " " & startTime,"%Y-%m-%d %R"),RNC)
TIMESTAMP	DATE		
ENDSTAMP	DATE		
FTM_ATM_VP_NAME	VARCHAR2(255)		[PMMOResult_FTM_ATM_VP] RNC & "/" & WBTS & "/" & FTM & "/" & TCTT & "/" & VPCT
NODE_ID	VARCHAR2(50)		[PMMOResult_FTM_ATM_VP] WBTS
NODE_NAME	VARCHAR2(		[PMMOResult_FTM_ATM_VP] WBTS

	255)		
NODE_TYPE	VARCHAR2(50)		[PMMOResult_FTM_ATM_VP] "WBTS"
VERSION	VARCHAR2(255)		[PMMOResult_FTM_ATM_VP] "RU10"
TECHNOLOGY	VARCHAR2(50)		[PMMOResult_FTM_ATM_VP] "UMTS"
VENDOR	VARCHAR2(50)		[PMMOResult_FTM_ATM_VP] "Nokia"

7.1.23 NC_FTM_ETHERNET_LINK

Column Name	Data Type	Time-Tracked?	Loader Block/Mapping
NC_ID	NUMBER		
FTM_ETHERLINK_ID	VARCHAR2(50)		[PMMOResult_FTM_ethernet_link] RNC & "/" & WBTS & "/" & FTM & "/" & ETHLK
NODEB_ID	VARCHAR2(50)	Y	[PMMOResult_FTM_ethernet_link] WBTS
RNC_ID	VARCHAR2(50)	Y	[PMMOResult_FTM_ethernet_link] RNC
REGION_ID	VARCHAR2(50)	Y	[PMMOResult_FTM_ethernet_link] lookup("nc_bsc","REGION_ID",utime(startDate & " " & startTime,"%Y-%m-%d %R"),RNC)
NETWORK_ID	VARCHAR2(50)	Y	[PMMOResult_FTM_ethernet_link] lookup("nc_bsc","NETWORK_ID",utime(startDate & " " & startTime,"%Y-%m-%d %R"),RNC)
TIMESTAMP	DATE		
ENDSTAMP	DATE		
FTM_ETHERLINK_NAME	VARCHAR2(255)		[PMMOResult_FTM_ethernet_link] RNC & "/" & WBTS & "/" & FTM & "/" & ETHLK

NODE_ID	VARCHAR2(50)		[PMMOResult_FTM_ethernet_link] WBTS
NODE_NAME	VARCHAR2(255)		[PMMOResult_FTM_ethernet_link] WBTS
NODE_TYPE	VARCHAR2(50)		[PMMOResult_FTM_ethernet_link] "WBTS"
VERSION	VARCHAR2(255)		[PMMOResult_FTM_ethernet_link] "RU10"
TECHNOLOGY	VARCHAR2(50)		[PMMOResult_FTM_ethernet_link] "UMTS"
VENDOR	VARCHAR2(50)		[PMMOResult_FTM_ethernet_link] "Nokia"

7.1.24 NC_FTM_IP

Column Name	Data Type	Time-Tracked?	Loader Block/Mapping
NC_ID	NUMBER		
FTM_IP_ID	VARCHAR2(50)		[PMMOResult_FTM_IP_Statistics] RNC & "/" & WBTS & "/" & FTM & "/" & IPNO & "/" & IEIF & "/" & IPPM [PMMOResult_FTM_Timing_Packet] RNC & "/" & WBTS & "/" & FTM & "/" & IPNO & "/" & TOPIK
NODEB_ID	VARCHAR2(50)	Y	[PMMOResult_FTM_IP_Statistics] WBTS [PMMOResult_FTM_Timing_Packet] WBTS
RNC_ID	VARCHAR2(50)	Y	[PMMOResult_FTM_IP_Statistics] RNC [PMMOResult_FTM_Timing_Packet] RNC
REGION_ID	VARCHAR2(50)	Y	[PMMOResult_FTM_IP_Statistics] lookup("nc_bsc","REGION_ID",utime(startDate & " " & startTime,"%Y-%m-%d

			%R"),RNC) [PMMOResult_FTM_Timing_Packet] lookup("nc_bsc","REGION_ID",utime(startDate & " " & startTime,"%Y-%m-%d %R"),RNC)
NETWORK_ID	VARCHAR2(50)	Y	[PMMOResult_FTM_IP_Statistics] lookup("nc_bsc","NETWORK_ID",utime(startDate & " " & startTime,"%Y-%m-%d %R"),RNC) [PMMOResult_FTM_Timing_Packet] lookup("nc_bsc","NETWORK_ID",utime(startDate & " " & startTime,"%Y-%m-%d %R"),RNC)
TIMESTAMP	DATE		
ENDSTAMP	DATE		
FTM_IP_NAME	VARCHAR2(255)		[PMMOResult_FTM_IP_Statistics] RNC & "/" & WBTS & "/" & FTM & "/" & IPNO & "/" & IEIF & "/" & IPPM [PMMOResult_FTM_Timing_Packet] RNC & "/" & WBTS & "/" & FTM & "/" & IPNO & "/" & TOPIK
NODE_ID	VARCHAR2(50)		[PMMOResult_FTM_IP_Statistics] WBTS [PMMOResult_FTM_Timing_Packet] WBTS
NODE_NAME	VARCHAR2(255)		[PMMOResult_FTM_IP_Statistics] "WBTS" [PMMOResult_FTM_Timing_Packet] "WBTS"
NODE_TYPE	VARCHAR2(50)		[PMMOResult_FTM_IP_Statistics] "WBTS" [PMMOResult_FTM_Timing_Packet] "WBTS"
VERSION	VARCHAR2(255)		[PMMOResult_FTM_IP_Statistics] "RU10" [PMMOResult_FTM_Timing_Packet] "RU10"
TECHNOLOGY	VARCHAR2(50)		[PMMOResult_FTM_IP_Statistics] "UMTS" [PMMOResult_FTM_Timing_Packet] "UMTS"

VENDOR	VARCHAR2(50)		[PMMOResult_FTM_IP_Statistics] "Nokia"

7.1.25 NC_FTM_PDH_IF

Column Name	Data Type	Time-Tracked?	Loader Block/Mapping
NC_ID	NUMBER		
FTM_PDH_IF_ID	VARCHAR2(50)		[PMMOResult_FTM_PDH_if] RNC & "/" & WBTS & "/" & FTM & "/" & PPTT
NODEB_ID	VARCHAR2(50)	Y	[PMMOResult_FTM_PDH_if] WBTS
RNC_ID	VARCHAR2(50)	Y	[PMMOResult_FTM_PDH_if] RNC
REGION_ID	VARCHAR2(50)	Y	[PMMOResult_FTM_PDH_if] lookup("nc_bsc","REGION_ID",utime(startDate & " " & startTime,"%Y-%m-%d %R"),RNC)
NETWORK_ID	VARCHAR2(50)	Y	[PMMOResult_FTM_PDH_if] lookup("nc_bsc","NETWORK_ID",utime(startDate & " " & startTime,"%Y-%m-%d %R"),RNC)
TIMESTAMP	DATE		
ENDSTAMP	DATE		
FTM_PDH_IF_NAME	VARCHAR2(255)		[PMMOResult_FTM_PDH_if] RNC & "/" & WBTS & "/" & FTM & "/" & PPTT
NODE_ID	VARCHAR2(50)		[PMMOResult_FTM_PDH_if] WBTS
NODE_NAME	VARCHAR2(255)		[PMMOResult_FTM_PDH_if] WBTS
NODE_TYPE	VARCHAR2(50)		[PMMOResult_FTM_PDH_if] "WBTS"

VERSION	VARCHAR2(255)		[PMMOResult_FTM_PDH_if] "RU10"
TECHNOLOGY	VARCHAR2(50)		[PMMOResult_FTM_PDH_if] "UMTS"
VENDOR	VARCHAR2(50)		[PMMOResult_FTM_PDH_if] "Nokia"

7.1.26 NC_FTM_PHB

Column Name	Data Type	Time-Tracked?	Loader Block/Mapping
NC_ID	NUMBER		
FTM_PHB_ID	VARCHAR2(50)		[PMMOResult_FTM_PHB_Statistics] RNC & "/" & WBTS & "/" & FTM & "/" & IPNO & "/" & IEIF & "/" & PHBPM
NODEB_ID	VARCHAR2(50)	Y	[PMMOResult_FTM_PHB_Statistics] WBTS
RNC_ID	VARCHAR2(50)	Y	[PMMOResult_FTM_PHB_Statistics] RNC
REGION_ID	VARCHAR2(50)	Y	[PMMOResult_FTM_PHB_Statistics] lookup("nc_bsc","REGION_ID",utime(startDate & " " & startTime,"%Y-%m-%d %R"),RNC)
NETWORK_ID	VARCHAR2(50)	Y	[PMMOResult_FTM_PHB_Statistics] lookup("nc_bsc","NETWORK_ID",utime(startDate & " " & startTime,"%Y-%m-%d %R"),RNC)
TIMESTAMP	DATE		
ENDSTAMP	DATE		
FTM_PHB_NAME	VARCHAR2(255)		[PMMOResult_FTM_PHB_Statistics] RNC & "/" & WBTS & "/" & FTM & "/" & IPNO & "/" & IEIF & "/" & PHBPM
NODE_ID	VARCHAR2(50)		[PMMOResult_FTM_PHB_Statistics] WBTS
NODE_NAME	VARCHAR2(255)		[PMMOResult_FTM_PHB_Statistics] "WBTS"

NODE_TYPE	VARCHAR2(50)		[PMMOResult_FTM_PHB_Statistics] "WBTS"
VERSION	VARCHAR2(255)		[PMMOResult_FTM_PHB_Statistics] "RU10"
TECHNOLOGY	VARCHAR2(50)		[PMMOResult_FTM_PHB_Statistics] "UMTS"
VENDOR	VARCHAR2(50)		[PMMOResult_FTM_PHB_Statistics] "Nokia"

7.1.27 NC_FTM_PSN_IP

Column Name	Data Type	Time-Tracked?	Loader Block/Mapping
NC_ID	NUMBER		
FTM_PSN_IP_ID	VARCHAR2(50)		[PMMOResult_FTM_PSN_IP] RNC & "/" & WBTS & "/" & FTM & "/" & PWNE & "/" & PWTIP
NODEB_ID	VARCHAR2(50)	Y	[PMMOResult_FTM_PSN_IP] WBTS
RNC_ID	VARCHAR2(50)	Y	[PMMOResult_FTM_PSN_IP] RNC
REGION_ID	VARCHAR2(50)	Y	[PMMOResult_FTM_PSN_IP] lookup("nc_bsc","REGION_ID",utime(startDate & " " & startTime,"%Y-%m-%d %R"),RNC)
NETWORK_ID	VARCHAR2(50)	Y	[PMMOResult_FTM_PSN_IP] lookup("nc_bsc","NETWORK_ID",utime(startDate & " " & startTime,"%Y-%m-%d %R"),RNC)
TIMESTAMP	DATE		
ENDSTAMP	DATE		
FTM_PSN_IP_NAME	VARCHAR2(		[PMMOResult_FTM_PSN_IP] RNC & "/"

	255)		& WBTS & "/" & FTM & "/" & PWNE & "/" & PWTIP
NODE_ID	VARCHAR2(50)		[PMMOResult_FTM_PSN_IP] WBTS
NODE_NAME	VARCHAR2(255)		[PMMOResult_FTM_PSN_IP] WBTS
NODE_TYPE	VARCHAR2(50)		[PMMOResult_FTM_PSN_IP] "WBTS"
VERSION	VARCHAR2(255)		[PMMOResult_FTM_PSN_IP] "RU10"
TECHNOLOGY	VARCHAR2(50)		[PMMOResult_FTM_PSN_IP] "UMTS"
VENDOR	VARCHAR2(50)		[PMMOResult_FTM_PSN_IP] "Nokia"

7.1.28 NC_FTM_PWMP_IF

Column Name	Data Type	Time-Tracked?	Loader Block/Mapping
NC_ID	NUMBER		
FTM_PWMP_IF_ID	VARCHAR2(50)		[PMMOResult_PWMP] RNC & "/" & WBTS & "/" & FTM & "/" & PWNE & "/" & PWMP
NODEB_ID	VARCHAR2(50)	Y	[PMMOResult_PWMP] WBTS
RNC_ID	VARCHAR2(50)	Y	[PMMOResult_PWMP] RNC
REGION_ID	VARCHAR2(50)	Y	[PMMOResult_PWMP] lookup("nc_bsc","REGION_ID",utime(startDate & " " & startTime,"%Y-%m-%d %R"),RNC)
NETWORK_ID	VARCHAR2(50)	Y	[PMMOResult_PWMP] lookup("nc_bsc","NETWORK_ID",utime(startDate & " " & startTime,"%Y-%m-%d %R"),RNC)
TIMESTAMP	DATE		

ENDSTAMP	DATE		
FTM_PWMP_IF_NAME	VARCHAR2(255)		[PMMOResult_PWMP] RNC & "/" & WBTS & "/" & FTM & "/" & PWNE & "/" & PWMP
NODE_ID	VARCHAR2(50)		[PMMOResult_PWMP] WBTS
NODE_NAME	VARCHAR2(255)		[PMMOResult_PWMP] WBTS
NODE_TYPE	VARCHAR2(50)		[PMMOResult_PWMP] "WBTS"
VERSION	VARCHAR2(255)		[PMMOResult_PWMP] "RU10"
TECHNOLOGY	VARCHAR2(50)		[PMMOResult_PWMP] "UMTS"
VENDOR	VARCHAR2(50)		[PMMOResult_PWMP] "Nokia"

7.1.29 NC_FTM_SDH_IF

Column Name	Data Type	Time-Tracked?	Loader Block/Mapping
NC_ID	NUMBER		
FTM_SDH_IF_ID	VARCHAR2(50)		[PMMOResult_FTM_SDH_if] RNC & "/" & WBTS & "/" & FTM & "/" & SVTT
NODEB_ID	VARCHAR2(50)	Y	[PMMOResult_FTM_SDH_if] WBTS
RNC_ID	VARCHAR2(50)	Y	[PMMOResult_FTM_SDH_if] RNC
REGION_ID	VARCHAR2(50)	Y	[PMMOResult_FTM_SDH_if] lookup("nc_bsc","REGION_ID",utime(startDate & " " & startTime,"%Y-%m-%d %R"),RNC)

NETWORK_ID	VARCHAR2(50)	Y	[PMMOResult_FTM_SDH_if] lookup("nc_bsc","NETWORK_ID",utime(startDate & " " & startTime,"%Y-%m-%d %R"),RNC)
TIMESTAMP	DATE		
ENDSTAMP	DATE		
FTM_SDH_IF_NAME	VARCHAR2(255)		[PMMOResult_FTM_SDH_if] RNC & "/" & WBTS & "/" & FTM & "/" & SVTT
NODE_ID	VARCHAR2(50)		[PMMOResult_FTM_SDH_if] WBTS
NODE_NAME	VARCHAR2(255)		[PMMOResult_FTM_SDH_if] WBTS
NODE_TYPE	VARCHAR2(50)		[PMMOResult_FTM_SDH_if] "WBTS"
VERSION	VARCHAR2(255)		[PMMOResult_FTM_SDH_if] "RU10"
TECHNOLOGY	VARCHAR2(50)		[PMMOResult_FTM_SDH_if] "UMTS"
VENDOR	VARCHAR2(50)		[PMMOResult_FTM_SDH_if] "Nokia"

7.1.30 NC_IMA_GROUP

Column Name	Data Type	Time-Tracked?	Loader Block/Mapping
NC_ID	NUMBER		
IMA_GROUP_ID	VARCHAR2(50)		[PMMOResult_IMA_GROUP_ID_IMA_LOGICAL_IF] RNC & "/" & IMA_GROUP_ID
IMA_GROUP_NAME	VARCHAR2(255)	Y	[PMMOResult_IMA_GROUP_ID_IMA_LOGICAL_IF] RNC & "/" & IMA_GROUP_ID
REGION_ID	VARCHAR2(50)	Y	[PMMOResult_IMA_GROUP_ID_IMA_LOGICAL_IF] lookup("nc_bsc","REGION_ID",utime(startDate & " " & startTime,"%Y-%m-%d

			%R"),RNC)
NETWORK_ID	VARCHAR2(50)	Y	[PMMOResult_IMA_GROUP_ID_IMA_LOGICAL_IF] lookup("nc_bsc","NETWORK_ID",utime(startDate & " " & startTime,"%Y-%m-%d %R"),RNC)
NODE_ID	VARCHAR2(50)	Y	[PMMOResult_IMA_GROUP_ID_IMA_LOGICAL_IF] RNC
BS_ID	VARCHAR2(50)	Y	
BSC_ID	VARCHAR2(50)	Y	[PMMOResult_IMA_GROUP_ID_IMA_LOGICAL_IF] RNC
TIMESTAMP	DATE		
ENDSTAMP	DATE		
NODE_TYPE	VARCHAR2(50)		[PMMOResult_IMA_GROUP_ID_IMA_LOGICAL_IF] "RNC"
VERSION	VARCHAR2(50)		[PMMOResult_IMA_GROUP_ID_IMA_LOGICAL_IF] "RU10"
TECHNOLOGY	VARCHAR2(50)		[PMMOResult_IMA_GROUP_ID_IMA_LOGICAL_IF] "UMTS"
IMA_GROUP_TYPE	VARCHAR2(50)		
VENDOR	VARCHAR2(50)		[PMMOResult_IMA_GROUP_ID_IMA_LOGICAL_IF] "Nokia"

7.1.31 NC_INTERFACE

Column Name	Data Type	Time-Tracked?	Loader Block/Mapping
NC_ID	NUMBER		
IFACE_ID	VARCHAR2(		[PMMOResult_ATM_interface] RNC & "/"

	50)		& INTERFACE_ID [PMMOResult_STM_1_IF] RNC & "/" & UNIT_TYPE & "/" & UNIT_INDEX
IFACE_NAME	VARCHAR2(255)	Y	[PMMOResult_ATM_interface] RNC & "/" & INTERFACE_ID [PMMOResult_STM_1_IF] RNC & "/" & UNIT_TYPE & "/" & UNIT_INDEX
REGION_ID	VARCHAR2(50)	Y	[PMMOResult_ATM_interface] lookup("nc_bsc","REGION_ID",utime(startDate & " " & startTime,"%Y-%m-%d %R"),RNC) [PMMOResult_STM_1_IF] lookup("nc_bsc","REGION_ID",utime(startDate & " " & startTime,"%Y-%m-%d %R"),RNC)
NETWORK_ID	VARCHAR2(50)	Y	[PMMOResult_ATM_interface] lookup("nc_bsc","NETWORK_ID",utime(startDate & " " & startTime,"%Y-%m-%d %R"),RNC) [PMMOResult_STM_1_IF] lookup("nc_bsc","NETWORK_ID",utime(startDate & " " & startTime,"%Y-%m-%d %R"),RNC)
TIMESTAMP	DATE		
ENDSTAMP	DATE		
EXCHANGE_TERMINAL_TYPE	VARCHAR2(255)		[PMMOResult_ATM_interface] UNIT_TYPE [PMMOResult_STM_1_IF] UNIT_TYPE
VERSION	VARCHAR2(255)		[PMMOResult_ATM_interface] "RU10" [PMMOResult_STM_1_IF] "RU10"
TECHNOLOGY	VARCHAR2(255)		[PMMOResult_ATM_interface] "UMTS" [PMMOResult_STM_1_IF] "UMTS"
IFACE_DIRECTION	VARCHAR2(255)		
IFACE_TYPE	VARCHAR2(255)		[PMMOResult_ATM_interface] "ATM" [PMMOResult_STM_1_IF] "STM1"
MAG_ID	VARCHAR2(255)		

NODE_ID	VARCHAR2(255)		[PMMOResult_ATM_interface] RNC [PMMOResult_STM_1_IF] RNC
NODE_TYPE	VARCHAR2(255)		[PMMOResult_ATM_interface] "RNC" [PMMOResult_STM_1_IF] "RNC"
SLOT_ID	VARCHAR2(255)		
VENDOR	VARCHAR2(50)		[PMMOResult_ATM_interface] "Nokia"

7.1.32 NC_IP_IF

Column Name	Data Type	Time-Tracked?	Loader Block/Mapping
NC_ID	NUMBER		
IP_IF_ID	VARCHAR2(50)		[PMMOResult_IP_Meas_IP_Interface] RNC & "/" & UNIT_TYPE & "/" & UNIT_INDEX & "/" & IP_IF [PMMOResult_IP_QOS_Meas] RNC & "/" & UNIT_TYPE & "/" & UNIT_INDEX & "/" & IP_IF [PMMOResult_UDP_Meas_IP_Interface] RNC & "/" & UNIT_TYPE & "/" & UNIT_INDEX & "/" & IP_IF
RNC_ID	VARCHAR2(50)	Y	[PMMOResult_IP_Meas_IP_Interface] RNC [PMMOResult_IP_QOS_Meas] RNC [PMMOResult_UDP_Meas_IP_Interface] RNC
REGION_ID	VARCHAR2(50)	Y	[PMMOResult_IP_Meas_IP_Interface] lookup("nc_bsc","REGION_ID",utime(startDate & " " & startTime,"%Y-%m-%d %R"),RNC)
NETWORK_ID	VARCHAR2(50)	Y	[PMMOResult_IP_Meas_IP_Interface] lookup("nc_bsc","NETWORK_ID",utime(s

			tartDate & " " & startTime,"%Y-%m-%d %R"),RNC)
TIMESTAMP	DATE		
ENDSTAMP	DATE		
IP_IF_NAME	VARCHAR2(255)		[PMMOResult_IP_Meas_IP_Interface] RNC & "/" & UNIT_TYPE & "/" & UNIT_INDEX & "/" & IP_IF [PMMOResult_IP_QOS_Meas] RNC & "/" & UNIT_TYPE & "/" & UNIT_INDEX & "/" & IP_IF [PMMOResult_UDP_Meas_IP_Interface] RNC & "/" & UNIT_TYPE & "/" & UNIT_INDEX & "/" & IP_IF
NODE_ID	VARCHAR2(50)		[PMMOResult_IP_Meas_IP_Interface] RNC [PMMOResult_IP_QOS_Meas] RNC [PMMOResult_UDP_Meas_IP_Interface] RNC
NODE_NAME	VARCHAR2(255)		[PMMOResult_IP_Meas_IP_Interface] RNC [PMMOResult_IP_QOS_Meas] RNC [PMMOResult_UDP_Meas_IP_Interface] RNC
NODE_TYPE	VARCHAR2(50)		[PMMOResult_IP_Meas_IP_Interface] "RNC"
VERSION	VARCHAR2(255)		[PMMOResult_IP_Meas_IP_Interface] "RU10"
TECHNOLOGY	VARCHAR2(50)		[PMMOResult_IP_Meas_IP_Interface] "UMTS"
VENDOR	VARCHAR2(50)		[PMMOResult_IP_Meas_IP_Interface] "Nokia"

7.1.33 NC_IP_PHB

Column Name	Data Type	Time-Tracked?	Loader Block/Mapping
NC_ID	NUMBER		

IP_PHB_ID	VARCHAR2(50)		[PMMOResult_IP_QOS_Meas] PHB
TIMESTAMP	DATE		
ENDSTAMP	DATE		
IP_PHB_NAME	VARCHAR2(50)		[PMMOResult_IP_QOS_Meas] PHB
VENDOR	VARCHAR2(50)		[PMMOResult_IP_QOS_Meas] "Nokia"

7.1.34 NC_IP_ROUTE_BTS

Column Name	Data Type	Time-Tracked?	Loader Block/Mapping
NC_ID	NUMBER		
IP_ROUTE_BTS_ID	VARCHAR2(50)		[PMMOResult_IP_Based_Route] RNC & "/" & RWBTS & "/" & IP_ROUTE_ID [PMMOResult_RNC_IP_CAC] RNC & "/" & RWBTS & "/" & IP_ROUTE_ID
NODEB_ID	VARCHAR2(50)	Y	[PMMOResult_IP_Based_Route] RWBTS [PMMOResult_RNC_IP_CAC] RWBTS
RNC_ID	VARCHAR2(50)	Y	[PMMOResult_IP_Based_Route] RNC [PMMOResult_RNC_IP_CAC] RNC
REGION_ID	VARCHAR2(50)	Y	[PMMOResult_IP_Based_Route] lookup("nc_bsc","REGION_ID",utime(startDate & " " & startTime,"%Y-%m-%d %R"),RNC)
NETWORK_ID	VARCHAR2(50)	Y	[PMMOResult_IP_Based_Route] lookup("nc_bsc","NETWORK_ID",utime(startDate & " " & startTime,"%Y-%m-%d %R"),RNC)
TIMESTAMP	DATE		
ENDSTAMP	DATE		

IP_ROUTE_BTS_NAME	VARCHAR2(255)		[PMMOResult_IP_Based_Route] RNC & "/" & RWBTS & "/" & IP_ROUTE_ID [PMMOResult_RNC_IP_CAC] RNC & "/" & RWBTS & "/" & IP_ROUTE_ID
NODE_ID	VARCHAR2(50)		[PMMOResult_IP_Based_Route] RWBTS [PMMOResult_RNC_IP_CAC] RWBTS
NODE_NAME	VARCHAR2(255)		[PMMOResult_IP_Based_Route] "WBTS"
NODE_TYPE	VARCHAR2(50)		[PMMOResult_IP_Based_Route] "WBTS"
VERSION	VARCHAR2(255)		[PMMOResult_IP_Based_Route] "RU10"
TECHNOLOGY	VARCHAR2(50)		[PMMOResult_IP_Based_Route] "UMTS"
VENDOR	VARCHAR2(50)		[PMMOResult_IP_Based_Route] "Nokia"

7.1.35 NC_IP_ROUTE

Column Name	Data Type	Time-Tracked?	Loader Block/Mapping
NC_ID	NUMBER		
IP_ROUTE_ID	VARCHAR2(50)		[PMMOResult_RNC_RTP_RTCP] RNC & "/" & IP_ROUTE_ID
RNC_ID	VARCHAR2(50)	Y	[PMMOResult_RNC_RTP_RTCP] RNC
REGION_ID	VARCHAR2(50)	Y	[PMMOResult_RNC_RTP_RTCP] lookup("nc_bsc","REGION_ID",utime(startDate & " " & startTime,"%Y-%m-%d %R"),RNC)
NETWORK_ID	VARCHAR2(50)	Y	[PMMOResult_RNC_RTP_RTCP] lookup("nc_bsc","NETWORK_ID",utime(startDate & " " & startTime,"%Y-%m-%d %R"),RNC)
TIMESTAMP	DATE		
ENDSTAMP	DATE		

IP_ROUTE_NAME	VARCHAR2(255)		[PMMOResult_RNC_RTP_RTCP] RNC & "/" & IP_ROUTE_ID
NODE_ID	VARCHAR2(50)		[PMMOResult_RNC_RTP_RTCP] RNC
NODE_NAME	VARCHAR2(255)		[PMMOResult_RNC_RTP_RTCP] RNC
NODE_TYPE	VARCHAR2(50)		[PMMOResult_RNC_RTP_RTCP] "RNC"
VERSION	VARCHAR2(255)		[PMMOResult_RNC_RTP_RTCP] "RU10"
TECHNOLOGY	VARCHAR2(50)		[PMMOResult_RNC_RTP_RTCP] "UMTS"
VENDOR	VARCHAR2(50)		[PMMOResult_RNC_RTP_RTCP] "Nokia"

7.1.36 NC_IUPC_IF

Column Name	Data Type	Time-Tracked?	Loader Block/Mapping
NC_ID	NUMBER		
IUPC_IF_ID	VARCHAR2(50)		[PMMOResult_IuPC_interface] RNC & "/" & SAS
RNC_ID	VARCHAR2(50)	Y	[PMMOResult_IuPC_interface] RNC
REGION_ID	VARCHAR2(50)	Y	[PMMOResult_IuPC_interface] lookup("nc_bsc","REGION_ID",utime(startDate & " " & startTime,"%Y-%m-%d %R"),RNC)
NETWORK_ID	VARCHAR2(50)	Y	[PMMOResult_IuPC_interface] lookup("nc_bsc","NETWORK_ID",utime(startDate & " " & startTime,"%Y-%m-%d %R"),RNC)

TIMESTAMP	DATE		
ENDSTAMP	DATE		
IUPC_IF_NAME	VARCHAR2(255)		[PMMOResult_IuPC_interface] RNC & "/" & SAS
NODE_ID	VARCHAR2(50)		[PMMOResult_IuPC_interface] RNC
NODE_NAME	VARCHAR2(255)		[PMMOResult_IuPC_interface] RNC
NODE_TYPE	VARCHAR2(50)		[PMMOResult_IuPC_interface] "RNC"
VERSION	VARCHAR2(255)		[PMMOResult_IuPC_interface] "RU10"
TECHNOLOGY	VARCHAR2(50)		[PMMOResult_IuPC_interface] "UMTS"
VENDOR	VARCHAR2(50)		[PMMOResult_IuPC_interface] "Nokia"

7.1.37 NC_IUPS_IF

Column Name	Data Type	Time-Tracked?	Loader Block/Mapping
NC_ID	NUMBER		
IUPS_IF_ID	VARCHAR2(50)		[PMMOResult_IU_PS_performance] RNC & "/" & UNIT_TYPE & "/" & UNIT_INDEX
RNC_ID	VARCHAR2(50)	Y	[PMMOResult_IU_PS_performance] RNC
REGION_ID	VARCHAR2(50)	Y	[PMMOResult_IU_PS_performance] lookup("nc_bsc","REGION_ID",utime(startDate & " " & startTime,"%Y-%m-%d %R"),RNC)
NETWORK_ID	VARCHAR2(50)	Y	[PMMOResult_IU_PS_performance] lookup("nc_bsc","NETWORK_ID",utime(startDate & " " & startTime,"%Y-%m-%d %R"),RNC)

TIMESTAMP	DATE		
ENDSTAMP	DATE		
IUPS_IF_NAME	VARCHAR2(255)		[PMMOResult_IU_PS_performance] RNC & "/" & UNIT_TYPE & "/" & UNIT_INDEX
NODE_ID	VARCHAR2(50)		[PMMOResult_IU_PS_performance] RNC
NODE_NAME	VARCHAR2(255)		[PMMOResult_IU_PS_performance] RNC
NODE_TYPE	VARCHAR2(50)		[PMMOResult_IU_PS_performance] "RNC"
VERSION	VARCHAR2(255)		[PMMOResult_IU_PS_performance] "RU10"
TECHNOLOGY	VARCHAR2(50)		[PMMOResult_IU_PS_performance] "UMTS"
VENDOR	VARCHAR2(50)		[PMMOResult_IU_PS_performance] "Nokia"

7.1.38 NC_LCG

Column Name	Data Type	Time-Tracked?	Loader Block/Mapping
NC_ID	NUMBER		
LCG_ID	VARCHAR2(50)		[PMMOResult_WBTS_HW] RNC & "/" & WBTS & "/" & LCG
NODEB_ID	VARCHAR2(50)	Y	[PMMOResult_WBTS_HW] WBTS
RNC_ID	VARCHAR2(50)	Y	[PMMOResult_WBTS_HW] RNC
REGION_ID	VARCHAR2(50)	Y	[PMMOResult_WBTS_HW] lookup("nc_bsc","REGION_ID",utime(star

			tDate & " " & startTime,"%Y-%m-%d %R"),RNC)
NETWORK_ID	VARCHAR2(50)	Y	[PMMOResult_WBTS_HW] lookup("nc_bsc","NETWORK_ID",utime(startDate & " " & startTime,"%Y-%m-%d %R"),RNC)
TIMESTAMP	DATE		
ENDSTAMP	DATE		
LCG_NAME	VARCHAR2(255)		[PMMOResult_WBTS_HW] RNC & "/" & WBTS & "/" & LCG
NODE_ID	VARCHAR2(50)		[PMMOResult_WBTS_HW] WBTS
NODE_NAME	VARCHAR2(255)		[PMMOResult_WBTS_HW] WBTS
NODE_TYPE	VARCHAR2(50)		[PMMOResult_WBTS_HW] "WBTS"
VERSION	VARCHAR2(255)		[PMMOResult_WBTS_HW] "RU10"
TECHNOLOGY	VARCHAR2(50)		[PMMOResult_WBTS_HW] "UMTS"
VENDOR	VARCHAR2(50)		[PMMOResult_WBTS_HW] "Nokia"

7.1.39 NC_NEIGHBOUR

Column Name	Data Type	Time-Tracked?	Loader Block/Mapping
NC_ID	NUMBER		
NEIGHBOUR_ID	VARCHAR2(50)		[PMMOResult_AutoDef_IFHO] AWBTS & "/" & AWCEL & "-" & WBTS & "/" & WCEL [PMMOResult_AutoDef_ISHO] AWBTS & "/" & AWCEL & "-" & LAC & "/" & CI [PMMOResult_AutoDef_SHO] AWBTS & "/" & AWCEL & "-" & WBTS & "/" & WCEL

SOURCE_CELL_ID	VARCHAR2(50)	Y	[PMMOResult_AutoDef_IFHO] AWBTS & "/" & AWCEL [PMMOResult_AutoDef_ISHO] AWBTS & "/" & AWCEL [PMMOResult_AutoDef_SHO] AWBTS & "/" & AWCEL
TARGET_CELL_ID	VARCHAR2(50)	Y	[PMMOResult_AutoDef_IFHO] WBTS & "/" & WCEL [PMMOResult_AutoDef_ISHO] LAC & "/" & CI [PMMOResult_AutoDef_SHO] WBTS & "/" & WCEL
TIMESTAMP	DATE		
ENDSTAMP	DATE		
NEIGHBOUR_NAME	VARCHAR2(255)		[PMMOResult_AutoDef_IFHO] AWBTS & "/" & AWCEL & "-" & WBTS & "/" & WCEL [PMMOResult_AutoDef_ISHO] AWBTS & "/" & AWCEL & "-" & LAC & "/" & CI [PMMOResult_AutoDef_SHO] AWBTS & "/" & AWCEL & "-" & WBTS & "/" & WCEL
SOURCE_CELL_TYPE	VARCHAR2(50)		[PMMOResult_AutoDef_IFHO] "UMTS" [PMMOResult_AutoDef_ISHO] "UMTS" [PMMOResult_AutoDef_SHO] "UMTS"
TARGET_CELL_TYPE	VARCHAR2(50)		[PMMOResult_AutoDef_IFHO] "UMTS" [PMMOResult_AutoDef_ISHO] "GSM" [PMMOResult_AutoDef_SHO] "UMTS"
SOURCE_CELL_VERSION	VARCHAR2(50)		[PMMOResult_AutoDef_IFHO] "RU10" [PMMOResult_AutoDef_ISHO] "RU10" [PMMOResult_AutoDef_SHO] "RU10"
TARGET_CELL_VERSION	VARCHAR2(50)		[PMMOResult_AutoDef_IFHO] "RU10" [PMMOResult_AutoDef_ISHO] "RU10" [PMMOResult_AutoDef_SHO] "RU10"
SOURCE_CELL_VENDOR	VARCHAR2(		[PMMOResult_AutoDef_IFHO] "Nokia"

This edition applies to IBM® Tivoli® Netcool® Performance Manager for Wireless and to all subsequent releases and modifications until otherwise indicated in new editions.

	50)		[PMMOResult_AutoDef_ISHO] "Nokia" [PMMOResult_AutoDef_SHO] "Nokia"
TARGET_CELL_VENDOR	VARCHAR2(50)		[PMMOResult_AutoDef_IFHO] "Nokia" [PMMOResult_AutoDef_ISHO] "Nokia" [PMMOResult_AutoDef_SHO] "Nokia"
SOURCE_CELL_TECHNOLOGY	VARCHAR2(50)		[PMMOResult_AutoDef_IFHO] "UMTS" [PMMOResult_AutoDef_ISHO] "UMTS" [PMMOResult_AutoDef_SHO] "UMTS"
TARGET_CELL_TECHNOLOGY	VARCHAR2(50)		[PMMOResult_AutoDef_IFHO] "UMTS" [PMMOResult_AutoDef_ISHO] "GSM" [PMMOResult_AutoDef_SHO] "UMTS"
TARGET_CELL_POSITION	NUMBER		
VENDOR	VARCHAR2(50)		[PMMOResult_AutoDef_IFHO] "Nokia"

7.1.40 NC_NETWORK

Column Name	Data Type	Time-Tracked?	Loader Block/Mapping
NC_ID	NUMBER		
NETWORK_ID	VARCHAR2(50)		[PMMOResult_L3Iu] NETWORK_ID
TIMESTAMP	DATE		
ENDSTAMP	DATE		
NETWORK_TYPE	VARCHAR2(50)		[PMMOResult_L3Iu] "UMTS"
DEFAULT_LINK_SPEED	FLOAT		[PMMOResult_L3Iu] "Populated by customer"
NETWORK_NAME	VARCHAR2(255)		[PMMOResult_L3Iu] NETWORK_ID
VENDOR	VARCHAR2(50)		[PMMOResult_L3Iu] "Nokia"

7.1.41 NC_ORIGINATING_POINT

Column Name	Data Type	Time-Tracked?	Loader Block/Mapping
NC_ID	NUMBER		
ORIGINATING_POINT_ID	VARCHAR2(50)		[PMMOResult_MTP_Matrix_Sig_Traffic] OPC
TIMESTAMP	DATE		
ENDSTAMP	DATE		
ORIGINATING_POINT_NAME	VARCHAR2(255)		[PMMOResult_MTP_Matrix_Sig_Traffic] OPC
VENDOR	VARCHAR2(50)		[PMMOResult_MTP_Matrix_Sig_Traffic] "Nokia"

7.1.42 NC_PHYLYR_TTP

Column Name	Data Type	Time-Tracked?	Loader Block/Mapping
NC_ID	NUMBER		
TERMINATION_POINT_ID	VARCHAR2(50)		[PMMOResult_Interface_TC] RNC & "/" & PHYTTP
TERMINATION_POINT_NAME	VARCHAR2(255)	Y	[PMMOResult_Interface_TC] RNC & "/" & PHYTTP
RNC_ID	VARCHAR2(50)	Y	[PMMOResult_Interface_TC] RNC
REGION_ID	VARCHAR2(50)	Y	[PMMOResult_Interface_TC] lookup("nc_bsc","REGION_ID",utime(startDate & " " & startTime,"%Y-%m-%d %R"),RNC)
NETWORK_ID	VARCHAR2(50)	Y	[PMMOResult_Interface_TC] lookup("nc_bsc","NETWORK_ID",utime(

			startDate & " " & startTime,"%Y-%m-%d %R"),RNC)
TIMESTAMP	DATE		
ENDSTAMP	DATE		
VERSION	VARCHAR2(255)		[PMMOResult_Interface_TC] "RU10"
TECHNOLOGY	VARCHAR2(50)		[PMMOResult_Interface_TC] "UMTS"
VENDOR	VARCHAR2(50)		[PMMOResult_Interface_TC] "Nokia"

7.1.43 NC_RADIO_CONNECTION_TYPE

Column Name	Data Type	Time-Tracked?	Loader Block/Mapping
NC_ID	NUMBER		
RADIO_CONNECTION_TYPE_ID	VARCHAR2(100)		[PMMOResult_RCPM_OLPC] TR_CLASS & ":" & RAB_BR & ":" & RB_BR & ":" & BER_SDU [PMMOResult_RCPM_OLPC_RNC] TR_CLASS & ":" & RAB_BR & ":" & RB_BR [PMMOResult_RCPM_OLPC_WCEL] TR_CLASS [PMMOResult_RCPM_RLC] TR_CLASS & ":" & RAB_BR & ":" & RB_BR & ":" & BER_SDU [PMMOResult_RCPM_RLC_RNC] TR_CLASS & ":" & RAB_BR & ":" & RB_BR [PMMOResult_RCPM_RLC_WCEL] TR_CLASS [PMMOResult_RCPM_UEQ] TR_CLASS & ":" & RAB_BR & ":" & RB_BR & ":" & BER_SDU
TIMESTAMP	DATE		
ENDSTAMP	DATE		
TRAFFIC_CLASS	VARCHAR2(		[PMMOResult_RCPM_OLPC]

	255)		TR_CLASS [PMMOResult_RCPM_OLPC_RNC] TR_CLASS [PMMOResult_RCPM_OLPC_WCEL] TR_CLASS [PMMOResult_RCPM_RLC] TR_CLASS [PMMOResult_RCPM_RLC_RNC] TR_CLASS [PMMOResult_RCPM_RLC_WCEL] TR_CLASS [PMMOResult_RCPM_UEQ] TR_CLASS
RAB_BIT_RATE	VARCHAR2(255)		[PMMOResult_RCPM_OLPC] RAB_BR [PMMOResult_RCPM_OLPC_RNC] RAB_BR [PMMOResult_RCPM_RLC] RAB_BR [PMMOResult_RCPM_RLC_RNC] RAB_BR [PMMOResult_RCPM_UEQ] RAB_BR
RB_BIT_RATE	VARCHAR2(255)		[PMMOResult_RCPM_OLPC] RB_BR [PMMOResult_RCPM_OLPC_RNC] RB_BR [PMMOResult_RCPM_RLC] RB_BR [PMMOResult_RCPM_RLC_RNC] RB_BR [PMMOResult_RCPM_UEQ] RB_BR
BER_SDU_RATIO	VARCHAR2(255)		[PMMOResult_RCPM_OLPC] BER_SDU [PMMOResult_RCPM_RLC] BER_SDU [PMMOResult_RCPM_UEQ] BER_SDU
RADIO_CONNECTION_TYPE_NAME	VARCHAR2(255)		[PMMOResult_RCPM_OLPC] TR_CLASS & ":" & RAB_BR & ":" & RB_BR & ":" & BER_SDU [PMMOResult_RCPM_OLPC_RNC] TR_CLASS & ":" & RAB_BR & ":" & RB_BR [PMMOResult_RCPM_OLPC_WCEL] TR_CLASS [PMMOResult_RCPM_RLC] TR_CLASS & ":" & RAB_BR & ":" & RB_BR & ":" &

This edition applies to IBM® Tivoli® Netcool® Performance Manager for Wireless and to all subsequent releases and modifications until otherwise indicated in new editions.

			BER_SDU [PMMOResult_RCPM_RLC_RNC] TR_CLASS & ":" & RAB_BR & ":" & RB_BR [PMMOResult_RCPM_RLC_WCEL] TR_CLASS [PMMOResult_RCPM_UEQ] TR_CLASS & ":" & RAB_BR & ":" & RB_BR & ":" & BER_SDU
VENDOR	VARCHAR2(50)		[PMMOResult_RCPM_OLPC] "Nokia"

7.1.44 NC_REGION

Column Name	Data Type	Time-Tracked?	Loader Block/Mapping
NC_ID	NUMBER		
REGION_ID	VARCHAR2(50)		[PMMOResult_L3Iu] REGION_ID
NETWORK_ID	VARCHAR2(50)	Y	[PMMOResult_L3Iu] NETWORK_ID
TIMESTAMP	DATE		
ENDSTAMP	DATE		
REGION_NAME	VARCHAR2(255)		[PMMOResult_L3Iu] REGION_ID
VENDOR	VARCHAR2(50)		[PMMOResult_L3Iu] "Nokia"

7.1.45 NC_SCCP_SUBSYSTEM

Column Name	Data Type	Time-Tracked?	Loader Block/Mapping
NC_ID	NUMBER		
SCCP_SUBSYSTEM_ID	VARCHAR2(50)		[PMMOResult_SCCP_Subsystem] RNC & "/" & SNET & "/" & SSN & "/" & SS

SCCP_ID	VARCHAR2(50)	Y	[PMMOResult_SCCP_Subsystem] RNC & "/" & SNET
RNC_ID	VARCHAR2(50)	Y	[PMMOResult_SCCP_Subsystem] RNC
REGION_ID	VARCHAR2(50)	Y	[PMMOResult_SCCP_Subsystem] lookup("nc_bsc","REGION_ID",utime(startDate & " " & startTime,"%Y-%m-%d %R"),RNC)
NETWORK_ID	VARCHAR2(50)	Y	[PMMOResult_SCCP_Subsystem] lookup("nc_bsc","NETWORK_ID",utime(startDate & " " & startTime,"%Y-%m-%d %R"),RNC)
TIMESTAMP	DATE		
ENDSTAMP	DATE		
SCCP_SUBSYSTEM_NAME	VARCHAR2(255)		[PMMOResult_SCCP_Subsystem] RNC & "/" & SNET & "/" & SSN & "/" & SS
VERSION	VARCHAR2(255)		[PMMOResult_SCCP_Subsystem] "RU10"
TECHNOLOGY	VARCHAR2(50)		[PMMOResult_SCCP_Subsystem] "UMTS"
VENDOR	VARCHAR2(50)		[PMMOResult_SCCP_Subsystem] "Nokia"

7.1.46 NC_SCCP

Column Name	Data Type	Time-Tracked?	Loader Block/Mapping
NC_ID	NUMBER		
SCCP_ID	VARCHAR2(50)		[PMMOResult_SCCP_Local_Subsystem_Availability] RNC & "/" & SNET
BSC_ID	VARCHAR2(50)	Y	[PMMOResult_SCCP_Local_Subsystem_Availability] RNC

REGION_ID	VARCHAR2(50)	Y	[PMMOResult_SCCP_Local_Subsystem_Availability] lookup("nc_bsc","REGION_ID",utime(startDate & " " & startTime,"%Y-%m-%d %R"),RNC)
NETWORK_ID	VARCHAR2(50)	Y	[PMMOResult_SCCP_Local_Subsystem_Availability] lookup("nc_bsc","NETWORK_ID",utime(startDate & " " & startTime,"%Y-%m-%d %R"),RNC)
MGW_ID	VARCHAR2(50)	Y	
TIMESTAMP	DATE		
ENDSTAMP	DATE		
SCCP_NAME	VARCHAR2(255)		[PMMOResult_SCCP_Local_Subsystem_Availability] RNC & "/" & SNET
VERSION	VARCHAR2(50)		[PMMOResult_SCCP_Local_Subsystem_Availability] "RU10"
TECHNOLOGY	VARCHAR2(50)		[PMMOResult_SCCP_Local_Subsystem_Availability] "UMTS"
VENDOR	VARCHAR2(50)		[PMMOResult_SCCP_Local_Subsystem_Availability] "Nokia"

7.1.47 NC_SDH_EXCH_TERM

Column Name	Data Type	Time-Tracked?	Loader Block/Mapping
NC_ID	NUMBER		
SDH_EXCH_TERM_ID	VARCHAR2(50)		[PMMOResult_Sonet_SDH] RNC & "/" & GROUP_ID
SDH_EXCH_TERM_NAME	VARCHAR2(255)	Y	[PMMOResult_Sonet_SDH] RNC & "/" & GROUP_ID
REGION_ID	VARCHAR2(50)	Y	[PMMOResult_Sonet_SDH] lookup("nc_bsc","REGION_ID",utime(startDate & " " & startTime,"%Y-%m-%d %R"),RNC)

NETWORK_ID	VARCHAR2(50)	Y	[PMMOResult_Sonet_SDH] lookup("nc_bsc","NETWORK_ID",utime(startDate & " " & startTime,"%Y-%m-%d %R"),RNC)
NODE_ID	VARCHAR2(50)	Y	[PMMOResult_Sonet_SDH] RNC
TIMESTAMP	DATE		
ENDSTAMP	DATE		
VERSION	VARCHAR2(50)		[PMMOResult_Sonet_SDH] "RU10"
TECHNOLOGY	VARCHAR2(50)		[PMMOResult_Sonet_SDH] "UMTS"
SDH_EXCH_TERM_TYPE	VARCHAR2(50)		[PMMOResult_Sonet_SDH] UNIT_TYPE
NODE_NAME	VARCHAR2(255)		[PMMOResult_Sonet_SDH] RNC
NODE_TYPE	VARCHAR2(50)		[PMMOResult_Sonet_SDH] "RNC"
VENDOR	VARCHAR2(50)		[PMMOResult_Sonet_SDH] "Nokia"

7.1.48 NC_SS7_LINK

Column Name	Data Type	Time-Tracked?	Loader Block/Mapping
NC_ID	NUMBER		
SS7_LINK_ID	VARCHAR2(50)		[PMMOResult_MTP_Sig_Link_Availability] RNC & "/" & SNET & "/" & SPCD & "/" & SLSN & "/" & SL_TYPE & "/" & SLN [PMMOResult_MTP_Sig_Link_Performance] RNC & "/" & SNET & "/" & SPCD &

			"/" & SLSN & "/" & SL_TYPE & "/" & SLN [PMMOResult_MTP_Sig_Link_Utilization] RNC & "/" & SNET & "/" & SPCD & "/" & SLSN & "/" & SL_TYPE & "/" & SLN
SS7_LINKSET_ID	VARCHAR2(50)	Y	[PMMOResult_MTP_Sig_Link_Availability] RNC & "/" & SNET & "/" & SPCD & "/" & SLSN [PMMOResult_MTP_Sig_Link_Performance] RNC & "/" & SNET & "/" & SPCD & "/" & SLSN [PMMOResult_MTP_Sig_Link_Utilization] RNC & "/" & SNET & "/" & SPCD & "/" & SLSN
SS7_POINT_ID	VARCHAR2(50)	Y	[PMMOResult_MTP_Sig_Link_Availability] RNC & "/" & SNET & "/" & SPCD [PMMOResult_MTP_Sig_Link_Performance] RNC & "/" & SNET & "/" & SPCD [PMMOResult_MTP_Sig_Link_Utilization] RNC & "/" & SNET & "/" & SPCD
NODE_ID	VARCHAR2(50)	Y	[PMMOResult_MTP_Sig_Link_Availability] RNC [PMMOResult_MTP_Sig_Link_Performance] RNC [PMMOResult_MTP_Sig_Link_Utilization] RNC
REGION_ID	VARCHAR2(50)	Y	[PMMOResult_MTP_Sig_Link_Availability] lookup("nc_bsc","REGION_ID",utime(startDate & " " & startTime,"%Y-%m-%d %R"),RNC)
NETWORK_ID	VARCHAR2(50)	Y	[PMMOResult_MTP_Sig_Link_Availability] lookup("nc_bsc","NETWORK_ID",utime(startDate & " " & startTime,"%Y-%m-%d %R"),RNC)
TIMESTAMP	DATE		
ENDSTAMP	DATE		
NODE_NAME	VARCHAR2(255)		[PMMOResult_MTP_Sig_Link_Availability] RNC [PMMOResult_MTP_Sig_Link_Performan

			ce] RNC [PMMOResult_MTP_Sig_Link_Utilization] RNC
NODE_TYPE	VARCHAR2(50)		[PMMOResult_MTP_Sig_Link_Availability] "RNC"
ADJACENT_NODE_ID	VARCHAR2(50)		[PMMOResult_MTP_Sig_Link_Availability] "Populated by customer"
DATA_RATE	FLOAT		
SS7_LINK_NAME	VARCHAR2(255)		[PMMOResult_MTP_Sig_Link_Availability] RNC & "/" & SNET & "/" & SPCD & "/" & SLSN & "/" & SL_TYPE & "/" & SLN [PMMOResult_MTP_Sig_Link_Performance] RNC & "/" & SNET & "/" & SPCD & "/" & SLSN & "/" & SL_TYPE & "/" & SLN [PMMOResult_MTP_Sig_Link_Utilization] RNC & "/" & SNET & "/" & SPCD & "/" & SLSN & "/" & SL_TYPE & "/" & SLN
TECHNOLOGY	VARCHAR2(50)		[PMMOResult_MTP_Sig_Link_Availability] "UMTS"
VENDOR	VARCHAR2(50)		[PMMOResult_MTP_Sig_Link_Availability] "Nokia"

7.1.49 NC_SS7_LINKSET

Column Name	Data Type	Time-Tracked?	Loader Block/Mapping
NC_ID	NUMBER		
SS7_LINKSET_ID	VARCHAR2(50)		[PMMOResult_MTP_Sig_Linkset_RouteSet_Availability] RNC &"/"& SNET&"/" & SPCD &"/" & SLSN
SS7_POINT_ID	VARCHAR2(	Y	[PMMOResult_MTP_Sig_Linkset_RouteS

	50)		et_Availability] RNC &"/"& SNET &"/" & SPCD
NODE_ID	VARCHAR2(50)	Y	[PMMOResult_MTP_Sig_Linkset_RouteSet_Availability] RNC
REGION_ID	VARCHAR2(50)	Y	[PMMOResult_MTP_Sig_Linkset_RouteSet_Availability] lookup("nc_bsc","REGION_ID",utime(startDate & " " & startTime,"%Y-%m-%d %R"),RNC)
NETWORK_ID	VARCHAR2(50)	Y	[PMMOResult_MTP_Sig_Linkset_RouteSet_Availability] lookup("nc_bsc","NETWORK_ID",utime(startDate & " " & startTime,"%Y-%m-%d %R"),RNC)
TIMESTAMP	DATE		
ENDSTAMP	DATE		
NODE_NAME	VARCHAR2(255)		[PMMOResult_MTP_Sig_Linkset_RouteSet_Availability] RNC
NODE_TYPE	VARCHAR2(50)		[PMMOResult_MTP_Sig_Linkset_RouteSet_Availability] "RNC"
ADJACENT_NODE_ID	VARCHAR2(50)		
DATA_RATE	FLOAT		
DESIGNED_LINK_FAILURES	NUMBER		
SS7_LINKSET_NAME	VARCHAR2(255)		[PMMOResult_MTP_Sig_Linkset_RouteSet_Availability] RNC &"/"& SNET&"/" & SPCD &"/" & SLSN
TECHNOLOGY	VARCHAR2(50)		[PMMOResult_MTP_Sig_Linkset_RouteSet_Availability] "UMTS"
VENDOR	VARCHAR2(50)		[PMMOResult_MTP_Sig_Linkset_RouteSet_Availability] "Nokia"

7.1.50 NC_SS7_POINT

Column Name	Data Type	Time-Tracke	Loader Block/Mapping

		d?	
NC_ID	NUMBER		
SS7_POINT_ID	VARCHAR2(50)		[PMMOResult_AAL2_At_NNI_new] RNC & "/" & NETCODE & "/" & SPCODE [PMMOResult_MTP_Matrix_Sig_Traffic] RNC & "/" & SNET & "/" & SIO [PMMOResult_MTP_Sig_Point_Status] RNC & "/" & SNET & "/" & SPCD [PMMOResult_MTP_Sig_Traffic_Report_SP] RNC & "/" & SNET & "/" & SPCD [PMMOResult_MTP_Sig_Traffic_Report_UserParts] RNC & "/" & SNET & "/" & SIO [PMMOResult_SCCP_Sig_Point] RNC & "/" & SNET & "/" & SPCD
NODE_ID	VARCHAR2(50)	Y	[PMMOResult_AAL2_At_NNI_new] RNC [PMMOResult_MTP_Matrix_Sig_Traffic] RNC [PMMOResult_MTP_Sig_Point_Status] RNC [PMMOResult_MTP_Sig_Traffic_Report_SP] RNC [PMMOResult_MTP_Sig_Traffic_Report_UserParts] RNC [PMMOResult_SCCP_Sig_Point] RNC
REGION_ID	VARCHAR2(50)	Y	[PMMOResult_AAL2_At_NNI_new] lookup("nc_bsc","REGION_ID",utime(startDate & " " & startTime,"%Y-%m-%d %R"),RNC)
NETWORK_ID	VARCHAR2(50)	Y	[PMMOResult_AAL2_At_NNI_new] lookup("nc_bsc","NETWORK_ID",utime(startDate & " " & startTime,"%Y-%m-%d %R"),RNC)
TIMESTAMP	DATE		
ENDSTAMP	DATE		
NODE_NAME	VARCHAR2(		[PMMOResult_AAL2_At_NNI_new] RNC

This edition applies to IBM® Tivoli® Netcool® Performance Manager for Wireless and to all subsequent releases and modifications until otherwise indicated in new editions.

	255)		[PMMOResult_MTP_Matrix_Sig_Traffic] RNC [PMMOResult_MTP_Sig_Point_Status] RNC [PMMOResult_MTP_Sig_Traffic_Report_SP] RNC [PMMOResult_MTP_Sig_Traffic_Report_UserParts] RNC [PMMOResult_SCCP_Sig_Point] RNC
NODE_TYPE	VARCHAR2(50)		[PMMOResult_AAL2_At_NNI_new] "RNC" [PMMOResult_MTP_Matrix_Sig_Traffic] "RNC" [PMMOResult_MTP_Sig_Point_Status] "RNC" [PMMOResult_MTP_Sig_Traffic_Report_SP] "RNC" [PMMOResult_MTP_Sig_Traffic_Report_UserParts] "RNC" [PMMOResult_SCCP_Sig_Point] "RNC"
SS7_POINT_NAME	VARCHAR2(255)		[PMMOResult_AAL2_At_NNI_new] RNC & "/" & NETCODE & "/" & SPCODE [PMMOResult_MTP_Matrix_Sig_Traffic] RNC & "/" & SNET & "/" & SIO [PMMOResult_MTP_Sig_Point_Status] RNC & "/" & SNET & "/" & SPCD [PMMOResult_MTP_Sig_Traffic_Report_SP] RNC & "/" & SNET & "/" & SPCD [PMMOResult_MTP_Sig_Traffic_Report_UserParts] RNC & "/" & SNET & "/" & SIO [PMMOResult_SCCP_Sig_Point] RNC & "/" & SNET & "/" & SPCD
ADJACENT_NODE_ID	VARCHAR2(50)		[PMMOResult_AAL2_At_NNI_new] "Populated by customer" [PMMOResult_MTP_Matrix_Sig_Traffic] "Populated by customer" [PMMOResult_MTP_Sig_Point_Status] "Populated by customer" [PMMOResult_MTP_Sig_Traffic_Report_SP] "Populated by customer" [PMMOResult_MTP_Sig_Traffic_Report_UserParts] "Populated by customer" [PMMOResult_SCCP_Sig_Point]

			"Populated by customer"
TECHNOLOGY	VARCHAR2(50)		[PMMOResult_AAL2_At_NNI_new] "UMTS" [PMMOResult_MTP_Matrix_Sig_Traffic] "UMTS" [PMMOResult_MTP_Sig_Point_Status] "UMTS" [PMMOResult_MTP_Sig_Traffic_Report_SP] "UMTS" [PMMOResult_MTP_Sig_Traffic_Report_UserParts] "UMTS" [PMMOResult_SCCP_Sig_Point] "UMTS"
VENDOR	VARCHAR2(50)		[PMMOResult_AAL2_At_NNI_new] "Nokia"

7.1.51 NC_WAC_UNIT

Column Name	Data Type	Time-Tracked?	Loader Block/Mapping
NC_ID	NUMBER		
WAC_UNIT_ID	VARCHAR2(50)		[PMMOResult_Overload_WAC] RNC & "/" & UNIT_TYPE & "/" & UNIT_INDEX & "/" & WAC_USER
REGION_ID	VARCHAR2(50)	Y	[PMMOResult_Overload_WAC] lookup("nc_bsc","REGION_ID",utime(startDate & " " & startTime,"%Y-%m-%d %R"),RNC)
NETWORK_ID	VARCHAR2(50)	Y	[PMMOResult_Overload_WAC] lookup("nc_bsc","NETWORK_ID",utime(startDate & " " & startTime,"%Y-%m-%d %R"),RNC)
NODE_ID	VARCHAR2(50)	Y	[PMMOResult_Overload_WAC] RNC
TIMESTAMP	DATE		

ENDSTAMP	DATE		
WAC_UNIT_NAME	VARCHAR2(255)		[PMMOResult_Overload_WAC] RNC & "/" & UNIT_TYPE & "/" & UNIT_INDEX & "/" & WAC_USER
WAC_UNIT_TYPE	VARCHAR2(255)		[PMMOResult_Overload_WAC] UNIT_TYPE
NODE_NAME	VARCHAR2(255)		[PMMOResult_Overload_WAC] RNC
NODE_TYPE	VARCHAR2(50)		[PMMOResult_Overload_WAC] "RNC"
VERSION	VARCHAR2(255)		[PMMOResult_Overload_WAC] "RAU10"
TECHNOLOGY	VARCHAR2(50)		[PMMOResult_Overload_WAC] "UMTS"
VENDOR	VARCHAR2(50)		[PMMOResult_Overload_WAC] "Nokia"

7.2 Raw Performance Tables

This section lists the performance tables that are included in this technology pack module's database schema, grouped by the network object to which they relate, as follows:

- AGPS_IF
- ASSOIND
- ATM_Route
- ATM_VCC
- ATM_VPC
- Cell
- Computer_Unit
- DSP_Pool
- Ethernet_IF
- Exchange_Terminal
- FTM_AAL2
- FTM_ATM_IF
- FTM_ATM_VC
- FTM_ATM_VP
- FTM_Ethernet_Link
- FTM_IP
- FTM_PDH_IF
- FTM_PHB
- FTM_PSN_IP
- FTM_PWMP_IF

- FTM_SDH_IF
- IMA_Group
- Interface
- IP_IF
- IP_Route
- IP_Route_BTS
- IuPC_IF
- IuPS_IF
- LCG
- Neighbour
- Neighbour_RNC
- NodeB
- Physical_Layer_Term_Point
- RNC
- SCCP
- SCCP_Subsystem
- SDH_Exchange_Terminal
- Signalling_Link
- Signalling_LinkSet
- Signalling_Point
- WAC_Unit

7.3 Raw AGPS_IF Tables

7.3.1 NOK_NKAGPS_MEAS_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
AGPS_IF_ID		VARCHAR2(50)	[PMMOResult_LCS_AGPS] RNC & "/" & AGPS_IF
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
UGPUHDT1IM2AHSXR0035XKCUAI	M1020C0	NUMBER	[PMMOResult_LCS_AGPS] M1020C0
UGPUHDV1IM2AHSXR0035XKCUAI	M1020C1	NUMBER	[PMMOResult_LCS_AGPS] M1020C1
UGPUHDX1IM2AHSXR003	M1020C2	NUMBER	[PMMOResult_LCS_AGPS]

5XKCUAI			M1020C2
UGPUHE01IM2AHSXR0035XKCUAI	M1020C3	NUMBER	[PMMOResult_LCS_AGPS] M1020C3
UGPUHE21IM2AHSXR0035XKCUAI	M1020C4	NUMBER	[PMMOResult_LCS_AGPS] M1020C4
UGPUHE41IM2AHSXR0035XKCUAI	M1020C5	NUMBER	[PMMOResult_LCS_AGPS] M1020C5
UGPUHE61IM2AHSXR0035XKCUAI	M1020C6	NUMBER	[PMMOResult_LCS_AGPS] M1020C6

7.4 Raw ASSOIND Tables

7.4.1 NOK_NKM3UA_ASSOC_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
ASSOIND_ID		VARCHAR2(50)	[PMMOResult_M3UA_Association_Set] RNC & "/" & ASSNAME & "/" & ASSIND
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
XW0RPT0DMM2AICSD002UAXYBDK	M661C1	NUMBER	[PMMOResult_M3UA_Association_Set] M661C1
XW0RPT2DMM2AICSD002UAXYBDK	M661C2	NUMBER	[PMMOResult_M3UA_Association_Set] M661C2
XW0RPT4DMM2AICSD002UAXYBDK	M661C3	NUMBER	[PMMOResult_M3UA_Association_Set] M661C3
XW0RPT6DMM2AICSD002UAXYBDK	M661C4	NUMBER	[PMMOResult_M3UA_Association_Set] M661C4
XW0RPTBDMM2AICSD002UAXYBDK	M661C5	NUMBER	[PMMOResult_M3UA_Association_Set] M661C5
XW0RPTDDMM2AICSD002UAXYBDK	M661C6	NUMBER	[PMMOResult_M3UA_Association_Set] M661C6
XW0RPTFDMM2AICSD002UAXYBDK	M661C7	NUMBER	[PMMOResult_M3UA_Association_Set] M661C7
XW0RPTHDMM2AICSD002UAXYBDK	M661C8	NUMBER	[PMMOResult_M3UA_Association_Set] M661C8

XW0RPTJDMM2AICSD002UAXYBDK	M661C9	NUMBER	[PMMOResult_M3UA_Association_Set] M661C9
XW0RPTLDMM2AICSD002UAXYBDK	M661C10	NUMBER	[PMMOResult_M3UA_Association_Set] M661C10
XW0RPTNDMM2AICSD002UAXYBDK	M661C11	NUMBER	[PMMOResult_M3UA_Association_Set] M661C11
XW0RPTPDMM2AICSD002UAXYBDK	M661C12	NUMBER	[PMMOResult_M3UA_Association_Set] M661C12
XW0RPTRDMM2AICSD002UAXYBDK	M661C13	NUMBER	[PMMOResult_M3UA_Association_Set] M661C13
XW0RPTTDMM2AICSD002UAXYBDK	M661C14	NUMBER	[PMMOResult_M3UA_Association_Set] M661C14

7.5 Raw ATM_Route Tables

7.5.1 NOK_NKATMRT_AAL2_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
ATM_ROUTE_ID		VARCHAR2(50)	[PMMOResult_ATM_route_load] RNC & "/" & ROUTE_ID
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
UGPUH261IM2AHSXR0035XKCUAI	M531C0	NUMBER	[PMMOResult_ATM_route_load] M531C0
UGPUH2B1IM2AHSXR0035XKCUAI	M531C1	NUMBER	[PMMOResult_ATM_route_load] M531C1
UGPUH2D1IM2AHSXR0035XKCUAI	M531C2	NUMBER	[PMMOResult_ATM_route_load] M531C2
UGPUH2F1IM2AHSXR0035XKCUAI	M531C3	NUMBER	[PMMOResult_ATM_route_load] M531C3
UGPUH2H1IM2AHSXR0035XKCUAI	M531C4	NUMBER	[PMMOResult_ATM_route_load] M531C4

UGPUH2J1IM2AHSXR0035XKCUAI	M531C5	NUMBER	[PMMOResult_ATM_route_load] M531C5
UGPUH2L1IM2AHSXR0035XKCUAI	M531C6	NUMBER	[PMMOResult_ATM_route_load] M531C6
UGPUH2N1IM2AHSXR0035XKCUAI	M531C7	NUMBER	[PMMOResult_ATM_route_load] M531C7
UGPUH2P1IM2AHSXR0035XKCUAI	M531C8	NUMBER	[PMMOResult_ATM_route_load] M531C8
UGPUH2R1IM2AHSXR0035XKCUAI	M531C9	NUMBER	[PMMOResult_ATM_route_load] M531C9
UGPUH2T1IM2AHSXR0035XKCUAI	M531C10	NUMBER	[PMMOResult_ATM_route_load] M531C10
UGPUH2V1IM2AHSXR0035XKCUAI	M531C11	NUMBER	[PMMOResult_ATM_route_load] M531C11
UGPUH2X1IM2AHSXR0035XKCUAI	M531C12	NUMBER	[PMMOResult_ATM_route_load] M531C12
UGPUH301IM2AHSXR0035XKCUAI	M531C13	NUMBER	[PMMOResult_ATM_route_load] M531C13
UGPUH321IM2AHSXR0035XKCUAI	M531C14	NUMBER	[PMMOResult_ATM_route_load] M531C14
UGPUH341IM2AHSXR0035XKCUAI	M531C15	NUMBER	[PMMOResult_ATM_route_load] M531C15
UGPUH361IM2AHSXR0035XKCUAI	M531C16	NUMBER	[PMMOResult_ATM_route_load] M531C16
UGPUH3B1IM2AHSXR0035XKCUAI	M531C17	NUMBER	[PMMOResult_ATM_route_load] M531C17
UGPUH3D1IM2AHSXR0035XKCUAI	M531C18	NUMBER	[PMMOResult_ATM_route_load] M531C18

7.6 Raw ATM_VCC Tables

7.6.1 NOK_ATMVCC_CACRSRC_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
ATM_VCC_ID		VARCHAR2(50)	[PMMOResult_AAL2_CAC_resource] RNC & "/" &

			INTERFACE_ID & "/" & VPI & "/" & VCI
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
YUUBL1LAHK26SECCB00HW01QK4	AAL2_PATH_GUAR_CELL_RATE	NUMBER	[PMMOResult_AAL2_CAC_resource] M550C0
YUUQI3TAHK26SECCB00HW01QK4	SUM_RESERVED_CELL_RATE	NUMBER	[PMMOResult_AAL2_CAC_resource] M550C1
YUVNXHPAHK26SECCB00HW01QK4	AAL2_HW_REJECTED	NUMBER	[PMMOResult_AAL2_CAC_resource] M550C10
YUW44N6AHK26SECCB00HW01QK4	SUM_AAL2_CONNECTIONS_HSDPA	NUMBER	[PMMOResult_AAL2_CAC_resource] M550C11
YUX1LWDAHK26SECCB00HW01QK4	MIN_AAL2_CONNECTION_HSDPA	NUMBER	[PMMOResult_AAL2_CAC_resource] M550C12
YUXJY0TAHK26SECCB00HW01QK4	MAX_AAL2_CONNECTIONS_HSDPA	NUMBER	[PMMOResult_AAL2_CAC_resource] M550C13
YUY2PL2AHK26SECCB00HW01QK4	AAL2_CAC_REJECTED_HSDPA	NUMBER	[PMMOResult_AAL2_CAC_resource] M550C14
YUYKPQPAHK26SECCB00HW01QK4	AAL2_HW_REJECTED_HSDPA	NUMBER	[PMMOResult_AAL2_CAC_resource] M550C15
YV2XEHPAHK26SECCB00HW01QK4	SHARED_HSDPA_AAL2_ALLOCATION	NUMBER	[PMMOResult_AAL2_CAC_resource] M550C16
YV3VMRDAHK26SECCB00HW01QK4	AAL2_RM_SUCCEEDED_HSDPA	NUMBER	[PMMOResult_AAL2_CAC_resource] M550C17
YV4DX5PAHK26SECCB00HW01QK4	MIN_SHARED_HSDPA_AAL2_ALLOC	FLOAT	[PMMOResult_AAL2_CAC_resource] M550C18
YV4U0P2AHK26SECCB00HW01QK4	MAX_SHARED_HSDPA_AAL2_ALLOC	FLOAT	[PMMOResult_AAL2_CAC_resource] M550C19
YV5CX0HAHK26SECCB00HW01QK4	MIN_RESERVED_CELL_RATE	FLOAT	[PMMOResult_AAL2_CAC_resource] M550C2
YV5RI4TAHK26SECCB00H	MAX_RESERVED_C	FLOAT	[PMMOResult_AAL2_CAC_r

This edition applies to IBM® Tivoli® Netcool® Performance Manager for Wireless and to all subsequent releases and modifications until otherwise indicated in new editions.

W01QK4	ELL_RATE		esource] M550C3
YV66XIPAHK26SECCB00HW01QK4	SUM_AAL2_CONNECTIONS	NUMBER	[PMMOResult_AAL2_CAC_resource] M550C4
YVABUTXAHK26SECCB00HW01QK4	MIN_AAL2_CONNECTIONS	NUMBER	[PMMOResult_AAL2_CAC_resource] M550C5
YVAQK6DAHK26SECCB00HW01QK4	MAX_AAL2_CONNECTIONS	NUMBER	[PMMOResult_AAL2_CAC_resource] M550C6
YVBAGFTAHK26SECCB00HW01QK4	NBR_SAMPLES	NUMBER	[PMMOResult_AAL2_CAC_resource] M550C7
YVBP0GTAHK26SECCB00HW01QK4	AAL2_RM_SUCCEEDED	NUMBER	[PMMOResult_AAL2_CAC_resource] M550C8
YVC5E4DAHK26SECCB00HW01QK4	AAL2_CAC_REJECTED	NUMBER	[PMMOResult_AAL2_CAC_resource] M550C9
YV6OGLHAHK26SECCB00HW01QK4	AVG_AAL2_CONNECTIONS	FLOAT	[PMMOResult_AAL2_CAC_resource] if M550C7 = 0 then 0 else (M550C4/M550C7)

7.6.2 NOK_ATMVCC_RSRCSRV_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
ATM_VCC_ID		VARCHAR2(50)	[PMMOResult_AAL2_resource_res] RNC & "/" & INTERFACE_ID & "/" & VPI & "/" & VCI
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
YVCMYCLAHK26SECCB00HW01QK4	ACTIVE_HSDPA_RES_TIME	NUMBER	[PMMOResult_AAL2_resource_res] M800C10
YVD2HKXAHK26SECCB00HW01QK4	WAITING_HSDPA_RES_TIME	NUMBER	[PMMOResult_AAL2_resource_res] M800C11
YVDK3GPAHK26SECCB00HW01QK4	RELEASE_TIMER_LENGTH	NUMBER	[PMMOResult_AAL2_resource_res] M800C12
YVDYNB2AHK26SECCB00HW01QK4	RESERV_REL_DUE_TO_TIMER	NUMBER	[PMMOResult_AAL2_resource_res] M800C13
YVEIBGPAHK26SECCB00HW01QK4	RESERV_REL_TIMER_STARTED	NUMBER	[PMMOResult_AAL2_resource_res] M800C14

YVEXDSXAHK26SECCB00HW01QK4	RESERV_REL_TIMER_STOPPED	NUMBER	[PMMOResult_AAL2_resource_res] M800C15
YVFG4PXAHK26SECCB00HW01QK4	RESERV_REL_DUE_TO_OTHER	NUMBER	[PMMOResult_AAL2_resource_res] M800C16
YVFVF5PAHK26SECCB00HW01QK4	ACTIVE_TIME_CUMULATIVE	NUMBER	[PMMOResult_AAL2_resource_res] M800C17
YVGECM6AHK26SECCB00HW01QK4	WAITING_TIME_CUMULATIVE	NUMBER	[PMMOResult_AAL2_resource_res] M800C18
YVGTEX6AHK26SECCB00HW01QK4	REJECT_HSDPA_TOO_MANY_USERS	NUMBER	[PMMOResult_AAL2_resource_res] M800C19
YVHC026AHK26SECCB00HW01QK4	RES_SUCCEEDED	NUMBER	[PMMOResult_AAL2_resource_res] M800C0
YVHQYHTAHK26SECCB00HW01QK4	RES_EXT_CAP	NUMBER	[PMMOResult_AAL2_resource_res] M800C1
YVIAPYXAHK26SECCB00HW01QK4	RES_INT_CAP	NUMBER	[PMMOResult_AAL2_resource_res] M800C2
YVIPK02AHK26SECCB00HW01QK4	RES_OTHER	NUMBER	[PMMOResult_AAL2_resource_res] M800C3
YVJMLFPAHK26SECCB00HW01QK4	AAL2_SUCCEEDED	NUMBER	[PMMOResult_AAL2_resource_res] M800C4
YVK2NY6AHK26SECCB00HW01QK4	AAL2_REJECTED	NUMBER	[PMMOResult_AAL2_resource_res] M800C5
YVLC12LAHK26SECCB00HW01QK4	AAL2_SUCCEEDED_HSDPA	NUMBER	[PMMOResult_AAL2_resource_res] M800C6
YVLQSUXAHK26SECCB00HW01QK4	TRANSPORT_REJECTED_EXT_HSDPA	NUMBER	[PMMOResult_AAL2_resource_res] M800C7
YVM6J42AHK26SECCB00HW01QK4	TRANSPORT_REJECTED_INT_HSDPA	NUMBER	[PMMOResult_AAL2_resource_res] M800C8
YVMO4J6AHK26SECCB00HW01QK4	OTHER_REJECTED_HSDPA	NUMBER	[PMMOResult_AAL2_resource_res] M800C9

This edition applies to IBM® Tivoli® Netcool® Performance Manager for Wireless and to all subsequent releases and modifications until otherwise indicated in new editions.

7.6.3 NOK_ATMVCC_VCCMEAS_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
ATM_VCC_ID		VARCHAR2(50)	[PMMOResult_ATM_virtual_channel] RNC & "/" & INTERFACE_ID & "/" & VPI & "/" & VCI
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
UGPUGTR1IM2AHSXR0035XKCUAI	M530C2	NUMBER	[PMMOResult_ATM_virtual_channel] M530C2
UGPUGTT1IM2AHSXR0035XKCUAI	M530C3	NUMBER	[PMMOResult_ATM_virtual_channel] M530C3
UGPUGTV1IM2AHSXR0035XKCUAI	M530C4	NUMBER	[PMMOResult_ATM_virtual_channel] M530C4
UGPUGTX1IM2AHSXR0035XKCUAI	M530C5	NUMBER	[PMMOResult_ATM_virtual_channel] M530C5
UGPUGU01IM2AHSXR0035XKCUAI	M530C6	NUMBER	[PMMOResult_ATM_virtual_channel] M530C6
UGPUGU21IM2AHSXR0035XKCUAI	M530C7	NUMBER	[PMMOResult_ATM_virtual_channel] M530C7
YVNMR0LAHK26SECCB00HW01QK4	N_TOT_CELLS_VC	NUMBER	[PMMOResult_ATM_virtual_channel] M530C0
YVO2D46AHK26SECCB00HW01QK4	EG_TOT_CELLS_VC	NUMBER	[PMMOResult_ATM_virtual_channel] M530C1

7.6.4 NOK_NKATMVC_AAL2SL_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
ATM_VCC_ID		VARCHAR2(50)	[PMMOResult_AAL2_At_UNI_new] RNC & "/" & INTERFACE_ID & "/" & VPI & "/" & VCI
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
X4LOJQP1TQ2AHSXRJ035XKCUAI	M548C24	NUMBER	[PMMOResult_AAL2_At_UNI_new] M548C24

X4LOJQR1TQ2AHSXRJ035X KCUAI	M548C1	NUMBER	[PMMOResult_AAL2_At_UNI _new] M548C1
X4LOJQT1TQ2AHSXRJ035X KCUAI	M548C2	NUMBER	[PMMOResult_AAL2_At_UNI _new] M548C2
X4LOJQV1TQ2AHSXRJ035 XKCUAI	M548C3	NUMBER	[PMMOResult_AAL2_At_UNI _new] M548C3
X4LOJQX1TQ2AHSXRJ035 XKCUAI	M548C4	NUMBER	[PMMOResult_AAL2_At_UNI _new] M548C4
X4LOJR01TQ2AHSXRJ035X KCUAI	M548C5	NUMBER	[PMMOResult_AAL2_At_UNI _new] M548C5
X4LOJR21TQ2AHSXRJ035X KCUAI	M548C6	NUMBER	[PMMOResult_AAL2_At_UNI _new] M548C6
X4LOJR41TQ2AHSXRJ035X KCUAI	M548C7	NUMBER	[PMMOResult_AAL2_At_UNI _new] M548C7
X4LOJR61TQ2AHSXRJ035X KCUAI	M548C8	NUMBER	[PMMOResult_AAL2_At_UNI _new] M548C8
X4LOJRB1TQ2AHSXRJ035X KCUAI	M548C9	NUMBER	[PMMOResult_AAL2_At_UNI _new] M548C9
X4LOJRD1TQ2AHSXRJ035X KCUAI	M548C10	NUMBER	[PMMOResult_AAL2_At_UNI _new] M548C10
X4LOJRF1TQ2AHSXRJ035X KCUAI	M548C11	NUMBER	[PMMOResult_AAL2_At_UNI _new] M548C11
X4LOJRH1TQ2AHSXRJ035X KCUAI	M548C12	NUMBER	[PMMOResult_AAL2_At_UNI _new] M548C12
X4LOJRJ1TQ2AHSXRJ035X KCUAI	M548C13	NUMBER	[PMMOResult_AAL2_At_UNI _new] M548C13
X4LOJRL1TQ2AHSXRJ035X KCUAI	M548C14	NUMBER	[PMMOResult_AAL2_At_UNI _new] M548C14
X4LOJRN1TQ2AHSXRJ035X KCUAI	M548C15	NUMBER	[PMMOResult_AAL2_At_UNI _new] M548C15
X4LOJRP1TQ2AHSXRJ035X	M548C16	NUMBER	[PMMOResult_AAL2_At_UNI

This edition applies to IBM® Tivoli® Netcool® Performance Manager for Wireless and to all subsequent releases and modifications until otherwise indicated in new editions.

KCUAI			_new] M548C16
X4LOJRR1TQ2AHSXRJ035X KCUAI	M548C17	NUMBER	[PMMOResult_AAL2_At_UNI _new] M548C17
X4LOJRT1TQ2AHSXRJ035X KCUAI	M548C18	NUMBER	[PMMOResult_AAL2_At_UNI _new] M548C18
X4LOJRV1TQ2AHSXRJ035X KCUAI	M548C19	NUMBER	[PMMOResult_AAL2_At_UNI _new] M548C19
X4LOJRX1TQ2AHSXRJ035X KCUAI	M548C20	NUMBER	[PMMOResult_AAL2_At_UNI _new] M548C20
X4LOJS01TQ2AHSXRJ035X KCUAI	M548C21	NUMBER	[PMMOResult_AAL2_At_UNI _new] M548C21
X4LOJS21TQ2AHSXRJ035X KCUAI	M548C22	NUMBER	[PMMOResult_AAL2_At_UNI _new] M548C22
X4LOJS41TQ2AHSXRJ035X KCUAI	M548C23	NUMBER	[PMMOResult_AAL2_At_UNI _new] M548C23
XPVF06BDMM2AICSD002U AXYBDK	M548C25	NUMBER	[PMMOResult_AAL2_At_UNI _new] M548C25
XPVF06DDMM2AICSD002U AXYBDK	M548C26	NUMBER	[PMMOResult_AAL2_At_UNI _new] M548C26
XPVF06FDMM2AICSD002U AXYBDK	M548C27	NUMBER	[PMMOResult_AAL2_At_UNI _new] M548C27
XPVF06HDMM2AICSD002U AXYBDK	M548C28	NUMBER	[PMMOResult_AAL2_At_UNI _new] M548C28
XPVF06JDMM2AICSD002U AXYBDK	M548C29	NUMBER	[PMMOResult_AAL2_At_UNI _new] M548C29
XPVF06LDMM2AICSD002U AXYBDK	M548C30	NUMBER	[PMMOResult_AAL2_At_UNI _new] M548C30
XPVF06NDMM2AICSD002U AXYBDK	M548C31	NUMBER	[PMMOResult_AAL2_At_UNI _new] M548C31
XPVF06PDMM2AICSD002U AXYBDK	M548C32	NUMBER	[PMMOResult_AAL2_At_UNI _new] M548C32
XPVF06RDMM2AICSD002U AXYBDK	M548C33	NUMBER	[PMMOResult_AAL2_At_UNI _new] M548C33
XPVF06TDMM2AICSD002U AXYBDK	M548C34	NUMBER	[PMMOResult_AAL2_At_UNI _new] M548C34

XPVF06VDMM2AICSD002UAXYBDK	M548C35	NUMBER	[PMMOResult_AAL2_At_UNI_new] M548C35
XPVF06XDMM2AICSD002UAXYBDK	M548C36	NUMBER	[PMMOResult_AAL2_At_UNI_new] M548C36
XPVF0A0DMM2AICSD002UAXYBDK	M548C37	NUMBER	[PMMOResult_AAL2_At_UNI_new] M548C37

7.6.5 NOK_NKATMVC_AL2PKTQ_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
ATM_VCC_ID		VARCHAR2(50)	[PMMOResult_AAL2_sched_perf_new] RNC & "/" & INTERFACE_ID & "/" & VPI & "/" & VCI
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
XPVF0AVDMM2AICSD002UAXYBDK	M553C10	NUMBER	[PMMOResult_AAL2_sched_perf_new] M553C10
XPVF0AXDMM2AICSD002UAXYBDK	M553C11	NUMBER	[PMMOResult_AAL2_sched_perf_new] M553C11
XPVF0B0DMM2AICSD002UAXYBDK	M553C12	NUMBER	[PMMOResult_AAL2_sched_perf_new] M553C12
XPVF0B2DMM2AICSD002UAXYBDK	M553C13	NUMBER	[PMMOResult_AAL2_sched_perf_new] M553C13
XPVF0B4DMM2AICSD002UAXYBDK	M553C14	NUMBER	[PMMOResult_AAL2_sched_perf_new] M553C14
XPVF0B6DMM2AICSD002UAXYBDK	M553C15	NUMBER	[PMMOResult_AAL2_sched_perf_new] M553C15
XPVF0BBDMM2AICSD002UAXYBDK	M553C16	NUMBER	[PMMOResult_AAL2_sched_perf_new] M553C16
XPVF0BDDMM2AICSD002UAXYBDK	M553C17	NUMBER	[PMMOResult_AAL2_sched_perf_new] M553C17

XPVF0BFDMM2AICSD002U AXYBDK	M553C18	NUMBER	[PMMOResult_AAL2_sched_perf_new] M553C18
XPVF0BHDMM2AICSD002U AXYBDK	M553C19	NUMBER	[PMMOResult_AAL2_sched_perf_new] M553C19
XPVF0BJDMM2AICSD002U AXYBDK	M553C20	NUMBER	[PMMOResult_AAL2_sched_perf_new] M553C20
XPVF0BLDMM2AICSD002U AXYBDK	M553C21	NUMBER	[PMMOResult_AAL2_sched_perf_new] M553C21
XPVF0BNDMM2AICSD002U AXYBDK	M553C22	NUMBER	[PMMOResult_AAL2_sched_perf_new] M553C22
XPVF0BPDMM2AICSD002U AXYBDK	M553C23	NUMBER	[PMMOResult_AAL2_sched_perf_new] M553C23
XPVF0BRDMM2AICSD002U AXYBDK	M553C24	NUMBER	[PMMOResult_AAL2_sched_perf_new] M553C24
XPVF0BTDMM2AICSD002U AXYBDK	M553C25	NUMBER	[PMMOResult_AAL2_sched_perf_new] M553C25
XPVF0BVDMM2AICSD002U AXYBDK	M553C26	NUMBER	[PMMOResult_AAL2_sched_perf_new] M553C26
XPVF0BXDMM2AICSD002U AXYBDK	M553C27	NUMBER	[PMMOResult_AAL2_sched_perf_new] M553C27
XPVF0C0DMM2AICSD002U AXYBDK	M553C28	NUMBER	[PMMOResult_AAL2_sched_perf_new] M553C28
XPVF0C2DMM2AICSD002U AXYBDK	M553C29	NUMBER	[PMMOResult_AAL2_sched_perf_new] M553C29
XPVF0C4DMM2AICSD002U AXYBDK	M553C30	NUMBER	[PMMOResult_AAL2_sched_perf_new] M553C30
XPVF0C6DMM2AICSD002U AXYBDK	M553C31	NUMBER	[PMMOResult_AAL2_sched_perf_new] M553C31
XPVF0CBDMM2AICSD002U AXYBDK	M553C32	NUMBER	[PMMOResult_AAL2_sched_perf_new] M553C32
XPVF0CDDMM2AICSD002U AXYBDK	M553C33	NUMBER	[PMMOResult_AAL2_sched_perf_new] M553C33
XPVF0CFDMM2AICSD002U AXYBDK	M553C34	NUMBER	[PMMOResult_AAL2_sched_perf_new] M553C34
XPVF0CHDMM2AICSD002U	M553C35	NUMBER	[PMMOResult_AAL2_sched_p

AXYBDK			erf_new] M553C35
XPVF0CJDMM2AICSD002U AXYBDK	M553C36	NUMBER	[PMMOResult_AAL2_sched_perf_new] M553C36
XPVF0CLDMM2AICSD002U AXYBDK	M553C37	NUMBER	[PMMOResult_AAL2_sched_perf_new] M553C37
XPVF0CNDMM2AICSD002U AXYBDK	M553C38	NUMBER	[PMMOResult_AAL2_sched_perf_new] M553C38
XPVF0CPDMM2AICSD002U AXYBDK	M553C39	NUMBER	[PMMOResult_AAL2_sched_perf_new] M553C39
XPVF0CRDMM2AICSD002U AXYBDK	M553C40	NUMBER	[PMMOResult_AAL2_sched_perf_new] M553C40
XPVF0CTDMM2AICSD002U AXYBDK	M553C41	NUMBER	[PMMOResult_AAL2_sched_perf_new] M553C41
XPVF0CVDMM2AICSD002U AXYBDK	M553C42	NUMBER	[PMMOResult_AAL2_sched_perf_new] M553C42
UGPUGYT1IM2AHSXR0035 XKCUAI	M553C0	NUMBER	[PMMOResult_AAL2_sched_perf_new] M553C0
UGPUGYV1IM2AHSXR0035 XKCUAI	M553C1	NUMBER	[PMMOResult_AAL2_sched_perf_new] M553C1
UGPUGYX1IM2AHSXR0035 XKCUAI	M553C2	NUMBER	[PMMOResult_AAL2_sched_perf_new] M553C2
UGPUH001IM2AHSXR0035X KCUAI	M553C3	NUMBER	[PMMOResult_AAL2_sched_perf_new] M553C3
UGPUH021IM2AHSXR0035X KCUAI	M553C4	NUMBER	[PMMOResult_AAL2_sched_perf_new] M553C4
UGPUH041IM2AHSXR0035X KCUAI	M553C5	NUMBER	[PMMOResult_AAL2_sched_perf_new] M553C5
UGPUH061IM2AHSXR0035X KCUAI	M553C6	NUMBER	[PMMOResult_AAL2_sched_perf_new] M553C6
UGPUH0B1IM2AHSXR0035 XKCUAI	M553C7	NUMBER	[PMMOResult_AAL2_sched_perf_new] M553C7

This edition applies to IBM® Tivoli® Netcool® Performance Manager for Wireless and to all subsequent releases and modifications until otherwise indicated in new editions.

UGPUH0D1IM2AHSXR0035XKCUAI	M553C8	NUMBER	[PMMOResult_AAL2_sched_perf_new] M553C8
UGPUH0F1IM2AHSXR0035XKCUAI	M553C9	NUMBER	[PMMOResult_AAL2_sched_perf_new] M553C9

7.6.6 NOK_NKATMVC_SAAL_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
ATM_VCC_ID		VARCHAR2(50)	[PMMOResult_SAAL_At_UNI] RNC & "/" & INTERFACE_ID & "/" & VPI & "/" & VCI
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
X4LOJS61TQ2AHSXRJ035XKCUAI	M546C0	NUMBER	[PMMOResult_SAAL_At_UNI] M546C0
X4LOJSB1TQ2AHSXRJ035XKCUAI	M546C1	NUMBER	[PMMOResult_SAAL_At_UNI] M546C1
X4LOJSD1TQ2AHSXRJ035XKCUAI	M546C2	NUMBER	[PMMOResult_SAAL_At_UNI] M546C2
X4LOJSF1TQ2AHSXRJ035XKCUAI	M546C3	NUMBER	[PMMOResult_SAAL_At_UNI] M546C3
X4LOJSH1TQ2AHSXRJ035XKCUAI	M546C4	NUMBER	[PMMOResult_SAAL_At_UNI] M546C4
X4LOJSJ1TQ2AHSXRJ035XKCUAI	M546C5	NUMBER	[PMMOResult_SAAL_At_UNI] M546C5
X4LOJSL1TQ2AHSXRJ035XKCUAI	M546C6	NUMBER	[PMMOResult_SAAL_At_UNI] M546C6
X4LOJSN1TQ2AHSXRJ035XKCUAI	M546C7	NUMBER	[PMMOResult_SAAL_At_UNI] M546C7
X4LOJSP1TQ2AHSXRJ035XKCUAI	M546C8	NUMBER	[PMMOResult_SAAL_At_UNI] M546C8
X4LOJSR1TQ2AHSXRJ035XKCUAI	M546C9	NUMBER	[PMMOResult_SAAL_At_UNI] M546C9
X4LOJST1TQ2AHSXRJ035XKCUAI	M546C10	NUMBER	[PMMOResult_SAAL_At_UNI] M546C10

X4LOJSV1TQ2AHSXRJ035 XKCUAI	M546C11	NUMBER	[PMMOResult_SAAL_At_UNI] M546C11
X4LOJSX1TQ2AHSXRJ035 XKCUAI	M546C12	NUMBER	[PMMOResult_SAAL_At_UNI] M546C12
X4LOJT01TQ2AHSXRJ035 XKCUAI	M546C13	NUMBER	[PMMOResult_SAAL_At_UNI] M546C13
X4LOJT21TQ2AHSXRJ035 XKCUAI	M546C14	NUMBER	[PMMOResult_SAAL_At_UNI] M546C14
X4LOJT41TQ2AHSXRJ035 XKCUAI	M546C15	NUMBER	[PMMOResult_SAAL_At_UNI] M546C15
X4LOJT61TQ2AHSXRJ035 XKCUAI	M546C16	NUMBER	[PMMOResult_SAAL_At_UNI] M546C16
X4LOJTB1TQ2AHSXRJ035 XKCUAI	M546C17	NUMBER	[PMMOResult_SAAL_At_UNI] M546C17
X4LOJTD1TQ2AHSXRJ035 XKCUAI	M546C18	NUMBER	[PMMOResult_SAAL_At_UNI] M546C18
X4LOJTF1TQ2AHSXRJ035 XKCUAI	M546C19	NUMBER	[PMMOResult_SAAL_At_UNI] M546C19
X4LOJTH1TQ2AHSXRJ035 XKCUAI	M546C20	NUMBER	[PMMOResult_SAAL_At_UNI] M546C20
X4LOJTJ1TQ2AHSXRJ035 XKCUAI	M546C21	NUMBER	[PMMOResult_SAAL_At_UNI] M546C21
X4LOJTL1TQ2AHSXRJ035 XKCUAI	M546C22	NUMBER	[PMMOResult_SAAL_At_UNI] M546C22
X4LOJTN1TQ2AHSXRJ035 XKCUAI	M546C23	NUMBER	[PMMOResult_SAAL_At_UNI] M546C23
X4LOJTP1TQ2AHSXRJ035 XKCUAI	M546C24	NUMBER	[PMMOResult_SAAL_At_UNI] M546C24
X4LOJTR1TQ2AHSXRJ035 XKCUAI	M546C25	NUMBER	[PMMOResult_SAAL_At_UNI] M546C25
X4LOJTT1TQ2AHSXRJ035	M546C26	NUMBER	[PMMOResult_SAAL_At_UNI]

This edition applies to IBM® Tivoli® Netcool® Performance Manager for Wireless and to all subsequent releases and modifications until otherwise indicated in new editions.

XKCUAI			M546C26
X4LOJTV1TQ2AHSXRJ035XKCUAI	M546C27	NUMBER	[PMMOResult_SAAL_At_UNI]M546C27
X4LOJTX1TQ2AHSXRJ035XKCUAI	M546C28	NUMBER	[PMMOResult_SAAL_At_UNI]M546C28
X4LOJU01TQ2AHSXRJ035XKCUAI	M546C29	NUMBER	[PMMOResult_SAAL_At_UNI]M546C29
X4LOJU21TQ2AHSXRJ035XKCUAI	M546C30	NUMBER	[PMMOResult_SAAL_At_UNI]M546C30
X4LOJU41TQ2AHSXRJ035XKCUAI	M546C31	NUMBER	[PMMOResult_SAAL_At_UNI]M546C31
X4LOJU61TQ2AHSXRJ035XKCUAI	M546C32	NUMBER	[PMMOResult_SAAL_At_UNI]M546C32
X4LOJUB1TQ2AHSXRJ035XKCUAI	M546C33	NUMBER	[PMMOResult_SAAL_At_UNI]M546C33
X4LOJUD1TQ2AHSXRJ035XKCUAI	M546C34	NUMBER	[PMMOResult_SAAL_At_UNI]M546C34
X4LOJUF1TQ2AHSXRJ035XKCUAI	M546C35	NUMBER	[PMMOResult_SAAL_At_UNI]M546C35
X4LOJUH1TQ2AHSXRJ035XKCUAI	M546C36	NUMBER	[PMMOResult_SAAL_At_UNI]M546C36
X4LOJUJ1TQ2AHSXRJ035XKCUAI	M546C37	NUMBER	[PMMOResult_SAAL_At_UNI]M546C37
X4LOJUL1TQ2AHSXRJ035XKCUAI	M546C38	NUMBER	[PMMOResult_SAAL_At_UNI]M546C38
X4LOJUN1TQ2AHSXRJ035XKCUAI	M546C39	NUMBER	[PMMOResult_SAAL_At_UNI]M546C39
X4LOJUP1TQ2AHSXRJ035XKCUAI	M546C40	NUMBER	[PMMOResult_SAAL_At_UNI]M546C40
X4LOJUR1TQ2AHSXRJ035XKCUAI	M546C41	NUMBER	[PMMOResult_SAAL_At_UNI]M546C41
X4LOJUT1TQ2AHSXRJ035XKCUAI	M546C42	NUMBER	[PMMOResult_SAAL_At_UNI]M546C42
X4LOJUV1TQ2AHSXRJ035XKCUAI	M546C43	NUMBER	[PMMOResult_SAAL_At_UNI]M546C43

X4LOJUX1TQ2AHSXRJ035XKCUAI	M546C46	NUMBER	[PMMOResult_SAAL_At_UNI] M546C46
X4LOJV01TQ2AHSXRJ035XKCUAI	M546C44	NUMBER	[PMMOResult_SAAL_At_UNI] M546C44
X4LOJV21TQ2AHSXRJ035XKCUAI	M546C45	NUMBER	[PMMOResult_SAAL_At_UNI] M546C45
X4LOJV41TQ2AHSXRJ035XKCUAI	M546C47	NUMBER	[PMMOResult_SAAL_At_UNI] M546C47
X4LOJV61TQ2AHSXRJ035XKCUAI	M546C48	NUMBER	[PMMOResult_SAAL_At_UNI] M546C48
X4LOJVB1TQ2AHSXRJ035XKCUAI	M546C49	NUMBER	[PMMOResult_SAAL_At_UNI] M546C49
X4LOJVD1TQ2AHSXRJ035XKCUAI	M546C50	NUMBER	[PMMOResult_SAAL_At_UNI] M546C50
X4LOJVF1TQ2AHSXRJ035XKCUAI	M546C51	NUMBER	[PMMOResult_SAAL_At_UNI] M546C51
X4LOJVH1TQ2AHSXRJ035XKCUAI	TOT_BOTHWAY_MSUS	NUMBER	[PMMOResult_SAAL_At_UNI] M546C3 + M546C0

7.6.7 NOK_RAN_USE_TRANS_NTWK_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
ATM_VCC_ID		VARCHAR2(50)	[PMMOResult_ATM_virtual_channel] RNC & "/" & INTERFACE_ID & "/" & VPI & "/" & VCI
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
SKEGINBAG32AHDVUJ02UAUIBEV	HSDPA_ATM_VCC_TRAFFIC_IUB_DL	FLOAT	[PMMOResult_ATM_virtual_channel] if interval = 0 then 0 else (M530C1 / (interval*60))

This edition applies to IBM® Tivoli® Netcool® Performance Manager for Wireless and to all subsequent releases and modifications until otherwise indicated in new editions.

7.7 Raw ATM_VPC Tables

7.7.1 NOK_NKATMVPC_VPC_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
ATM_VPC_ID		VARCHAR2(50)	[PMMOResult_ATM_VPC] RNC & "/" & INTERFACE_ID & "/" & VPI
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
UGPUGTF1IM2AHSXR0035XKCUAI	M529C2	NUMBER	[PMMOResult_ATM_VPC] M529C2
UGPUGTH1IM2AHSXR0035XKCUAI	M529C3	NUMBER	[PMMOResult_ATM_VPC] M529C3
UGPUGTJ1IM2AHSXR0035XKCUAI	M529C4	NUMBER	[PMMOResult_ATM_VPC] M529C4
UGPUGTL1IM2AHSXR0035XKCUAI	M529C5	NUMBER	[PMMOResult_ATM_VPC] M529C5
UGPUGTN1IM2AHSXR0035XKCUAI	M529C6	NUMBER	[PMMOResult_ATM_VPC] M529C6
UGPUGTP1IM2AHSXR0035XKCUAI	M529C7	NUMBER	[PMMOResult_ATM_VPC] M529C7
YVOJU4TAHK26SECCB00HW01QK4	IN_TOT_CELLS_VP	NUMBER	[PMMOResult_ATM_VPC] M529C0
YVOYKEPAHK26SECCB00HW01QK4	EG_TOT_CELLS_VP	NUMBER	[PMMOResult_ATM_VPC] M529C1

7.8 Raw Cell Tables

7.8.1 NOK_AVAIL_CELL_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
CELL_ID		VARCHAR2(50)	[PMMOResult_Cell_Resource] WBTS & "/" & CELLID
TSTAMP		DATE	
INSTANCE_ID		NUMBER	

WLIEKOTAFQ2AHDVUJ02UAUIBEV	M1000C178	NUMBER	[PMMOResult_Cell_Resource] M1000C178
WLIEKOXAFQ2AHDVUJ02UAUIBEV	M1000C179	NUMBER	[PMMOResult_Cell_Resource] M1000C179
WLIEKP2AFQ2AHDVUJ02UAUIBEV	M1000C180	NUMBER	[PMMOResult_Cell_Resource] M1000C180

7.8.2 NOK_CE_CAPACITY_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
CELL_ID		VARCHAR2(50)	[PMMOResult_Cell_Resource] WBTS & "/" & CELLID
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
WLIEKP4AFQ2AHDVUJ02UAUIBEV	M1000C181	NUMBER	[PMMOResult_Cell_Resource] M1000C181
WLIEKP6AFQ2AHDVUJ02UAUIBEV	M1000C182	FLOAT	[PMMOResult_Cell_Resource] M1000C182
WLIEKPBAFQ2AHDVUJ02UAUIBEV	M1000C183	FLOAT	[PMMOResult_Cell_Resource] M1000C183
WLIEKPDAFQ2AHDVUJ02UAUIBEV	M1000C184	FLOAT	[PMMOResult_Cell_Resource] M1000C184
WLIEKPFAFQ2AHDVUJ02UAUIBEV	M1000C185	FLOAT	[PMMOResult_Cell_Resource] M1000C185
WLIEKPHAFQ2AHDVUJ02UAUIBEV	M1000C186	FLOAT	[PMMOResult_Cell_Resource] M1000C186
WLIEKPJAFQ2AHDVUJ02UAUIBEV	M1000C187	FLOAT	[PMMOResult_Cell_Resource] M1000C187
WLIEKPLAFQ2AHDVUJ02UAUIBEV	M1000C188	FLOAT	[PMMOResult_Cell_Resource] M1000C188
WLIEKPNAFQ2AHDVUJ02	M1000C189	FLOAT	[PMMOResult_Cell_Resource]

UAUIBEV			M1000C189
WLIEKPPAFQ2AHDVUJ02 UAUIBEV	M1000C190	FLOAT	[PMMOResult_Cell_Resource] M1000C190
WLIEKPRAFQ2AHDVUJ02 UAUIBEV	M1000C191	FLOAT	[PMMOResult_Cell_Resource] M1000C191
WLIEKPTAFQ2AHDVUJ02 UAUIBEV	M1000C192	FLOAT	[PMMOResult_Cell_Resource] M1000C192
WLIEKPVAFQ2AHDVUJ02 UAUIBEV	M1000C193	FLOAT	[PMMOResult_Cell_Resource] M1000C193
WLIEKPXAFQ2AHDVUJ02 UAUIBEV	M1000C194	FLOAT	[PMMOResult_Cell_Resource] M1000C194
WLIEKQ0AFQ2AHDVUJ02 UAUIBEV	M1000C195	FLOAT	[PMMOResult_Cell_Resource] M1000C195
WLIEKQ2AFQ2AHDVUJ02 UAUIBEV	M1000C196	FLOAT	[PMMOResult_Cell_Resource] M1000C196
WLIEKQ4AFQ2AHDVUJ02 UAUIBEV	M1000C197	FLOAT	[PMMOResult_Cell_Resource] M1000C197
WLIEKQ6AFQ2AHDVUJ02 UAUIBEV	M1000C198	FLOAT	[PMMOResult_Cell_Resource] M1000C198
WLIEKQBAFQ2AHDVUJ02 UAUIBEV	M1000C199	FLOAT	[PMMOResult_Cell_Resource] M1000C199
WLIEKQDAFQ2AHDVUJ02 UAUIBEV	M1000C200	FLOAT	[PMMOResult_Cell_Resource] M1000C200
WLIEKQFAFQ2AHDVUJ02 UAUIBEV	M1000C201	FLOAT	[PMMOResult_Cell_Resource] M1000C201
WLIEKQHAFQ2AHDVUJ02 UAUIBEV	M1000C202	FLOAT	[PMMOResult_Cell_Resource] M1000C202
WLIEKQJAFQ2AHDVUJ02 UAUIBEV	M1000C203	FLOAT	[PMMOResult_Cell_Resource] M1000C203
WLIEKQLAFQ2AHDVUJ02 UAUIBEV	M1000C204	FLOAT	[PMMOResult_Cell_Resource] M1000C204
WLIEKQNAFQ2AHDVUJ02 UAUIBEV	M1000C205	FLOAT	[PMMOResult_Cell_Resource] M1000C205
WLIEKQPAFQ2AHDVUJ02 UAUIBEV	M1000C206	FLOAT	[PMMOResult_Cell_Resource] M1000C206

WLIEKQRAFQ2AHDVUJ02 UAUIBEV	M1000C207	FLOAT	[PMMOResult_Cell_Resource] M1000C207
WLIEKQTAFQ2AHDVUJ02 UAUIBEV	M1000C208	FLOAT	[PMMOResult_Cell_Resource] M1000C208
WLIEKQVAFQ2AHDVUJ02 UAUIBEV	M1000C209	FLOAT	[PMMOResult_Cell_Resource] M1000C209
WLIEKQXAFQ2AHDVUJ02 UAUIBEV	M1000C210	FLOAT	[PMMOResult_Cell_Resource] M1000C210
WLIEKR0AFQ2AHDVUJ02 UAUIBEV	M1000C211	FLOAT	[PMMOResult_Cell_Resource] M1000C211
WLIEKR2AFQ2AHDVUJ02 UAUIBEV	M1000C212	FLOAT	[PMMOResult_Cell_Resource] M1000C212
WLIEKR4AFQ2AHDVUJ02 UAUIBEV	M1000C213	FLOAT	[PMMOResult_Cell_Resource] M1000C213
WLIEKR6AFQ2AHDVUJ02 UAUIBEV	M1000C214	FLOAT	[PMMOResult_Cell_Resource] M1000C214
WLIEKRBAFQ2AHDVUJ02 UAUIBEV	M1000C215	FLOAT	[PMMOResult_Cell_Resource] M1000C215
WLIEKRDAFQ2AHDVUJ02 UAUIBEV	M1000C216	FLOAT	[PMMOResult_Cell_Resource] M1000C216
WLIEKRFAFQ2AHDVUJ02 UAUIBEV	M1000C217	FLOAT	[PMMOResult_Cell_Resource] M1000C217
WLIEKRHAFQ2AHDVUJ02 UAUIBEV	M1000C218	FLOAT	[PMMOResult_Cell_Resource] M1000C218
WLIEKRJAFQ2AHDVUJ02U AUIBEV	M1000C219	FLOAT	[PMMOResult_Cell_Resource] M1000C219
WLIEKRLAFQ2AHDVUJ02 UAUIBEV	M1000C220	FLOAT	[PMMOResult_Cell_Resource] M1000C220
WLIEKRNAFQ2AHDVUJ02 UAUIBEV	M1000C221	FLOAT	[PMMOResult_Cell_Resource] M1000C221
WLIEKRPAFQ2AHDVUJ02	M1000C222	FLOAT	[PMMOResult_Cell_Resource]

This edition applies to IBM® Tivoli® Netcool® Performance Manager for Wireless and to all subsequent releases and modifications until otherwise indicated in new editions.

UAUIBEV			M1000C222
WLIEKRRAFQ2AHDVUJ02 UAUIBEV	M1000C223	FLOAT	[PMMOResult_Cell_Resource] M1000C223
WLIEKRTAFQ2AHDVUJ02 UAUIBEV	M1000C224	FLOAT	[PMMOResult_Cell_Resource] M1000C224
WLIEKRVAFQ2AHDVUJ02 UAUIBEV	M1000C225	FLOAT	[PMMOResult_Cell_Resource] M1000C225

7.8.3 NOK_EDPCCH_TTI_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
CELL_ID		VARCHAR2(50)	[PMMOResult_HSDPA_WBTS] WBTS & "/" & CELLID
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
XW0RQ5DDMM2AICSD002UAXYBDK	M5000C266	NUMBER	[PMMOResult_HSDPA_WBTS] M5000C266
XW0RQ5FDMM2AICSD002UAXYBDK	M5000C267	NUMBER	[PMMOResult_HSDPA_WBTS] M5000C267

7.8.4 NOK_HSPDSCH_PCLASS_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
CELL_ID		VARCHAR2(50)	[PMMOResult_HSDPA_WBTS] WBTS & "/" & CELLID
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
XW0RQ5HDMM2AICSD002UAXYBDK	M5000C268	NUMBER	[PMMOResult_HSDPA_WBTS] M5000C268
XW0RQ5JDMM2AICSD002UAXYBDK	M5000C269	NUMBER	[PMMOResult_HSDPA_WBTS] M5000C269
XW0RQ5LDMM2AICSD002UAXYBDK	M5000C270	NUMBER	[PMMOResult_HSDPA_WBTS] M5000C270
XW0RQ5NDMM2AICSD002UAXYBDK	M5000C271	NUMBER	[PMMOResult_HSDPA_WBTS] M5000C271

XW0RQ5PDMM2AICSD002UAXYBDK	M5000C272	NUMBER	[PMMOResult_HSDPA_WBTS] M5000C272
XW0RQ5RDMM2AICSD002UAXYBDK	M5000C273	NUMBER	[PMMOResult_HSDPA_WBTS] M5000C273
XW0RQ5TDMM2AICSD002UAXYBDK	M5000C274	NUMBER	[PMMOResult_HSDPA_WBTS] M5000C274
XW0RQ5VDMM2AICSD002UAXYBDK	M5000C275	NUMBER	[PMMOResult_HSDPA_WBTS] M5000C275
XW0RQ5XDMM2AICSD002UAXYBDK	M5000C276	NUMBER	[PMMOResult_HSDPA_WBTS] M5000C276
XW0RQ60DMM2AICSD002UAXYBDK	M5000C277	NUMBER	[PMMOResult_HSDPA_WBTS] M5000C277

7.8.5 NOK_INTRASYS_HHO_SCC_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
CELL_ID		VARCHAR2(50)	[PMMOResult_Intra_System_Handover] WBTS & "/" & CELLID
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
UAQAD6N1IM2AHSXR0035XKCUAI	M1008C239	NUMBER	[PMMOResult_Intra_System_Handover] M1008C239
UAQAD6P1IM2AHSXR0035XKCUAI	M1008C240	NUMBER	[PMMOResult_Intra_System_Handover] M1008C240
UAQAD6R1IM2AHSXR0035XKCUAI	M1008C241	NUMBER	[PMMOResult_Intra_System_Handover] M1008C241
UAQAD6T1IM2AHSXR0035XKCUAI	M1008C242	NUMBER	[PMMOResult_Intra_System_Handover] M1008C242
UAQAD6V1IM2AHSXR0035XKCUAI	M1008C243	NUMBER	[PMMOResult_Intra_System_Handover] M1008C243

This edition applies to IBM® Tivoli® Netcool® Performance Manager for Wireless and to all subsequent releases and modifications until otherwise indicated in new editions.

UAQAD6X1IM2AHSXR0035XKCUAI	M1008C244	NUMBER	[PMMOResult_Intra_System_Handover] M1008C244
UAQADA01IM2AHSXR0035XKCUAI	M1008C245	NUMBER	[PMMOResult_Intra_System_Handover] M1008C245
XPKMEIHAFQ2AHDVUJ02UAUIBEV	M1008C213	NUMBER	[PMMOResult_Intra_System_Handover] M1008C213
XPKMEIJAFQ2AHDVUJ02UAUIBEV	M1008C214	NUMBER	[PMMOResult_Intra_System_Handover] M1008C214
XPKMEILAFQ2AHDVUJ02UAUIBEV	M1008C215	NUMBER	[PMMOResult_Intra_System_Handover] M1008C215
XPKMEINAFQ2AHDVUJ02UAUIBEV	M1008C216	NUMBER	[PMMOResult_Intra_System_Handover] M1008C216
XPKMEIPAFQ2AHDVUJ02UAUIBEV	M1008C217	NUMBER	[PMMOResult_Intra_System_Handover] M1008C217
XPKMEIRAFQ2AHDVUJ02UAUIBEV	M1008C218	NUMBER	[PMMOResult_Intra_System_Handover] M1008C218
XPKMEITAFQ2AHDVUJ02UAUIBEV	M1008C219	NUMBER	[PMMOResult_Intra_System_Handover] M1008C219
XPKMEIVAFQ2AHDVUJ02UAUIBEV	M1008C220	NUMBER	[PMMOResult_Intra_System_Handover] M1008C220
XPKMEIXAFQ2AHDVUJ02UAUIBEV	M1008C221	NUMBER	[PMMOResult_Intra_System_Handover] M1008C221
XPKMEJ0AFQ2AHDVUJ02UAUIBEV	M1008C222	NUMBER	[PMMOResult_Intra_System_Handover] M1008C222
XPKMEJ2AFQ2AHDVUJ02UAUIBEV	M1008C223	NUMBER	[PMMOResult_Intra_System_Handover] M1008C223
XPKMEJ4AFQ2AHDVUJ02UAUIBEV	M1008C224	NUMBER	[PMMOResult_Intra_System_Handover] M1008C224

7.8.6 NOK_INTSHSPA_IFHO_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
CELL_ID		VARCHAR2(50)	[PMMOResult_Intra_System_Handover] WBTS & "/" & CELLID
TSTAMP		DATE	

INSTANCE_ID		NUMBER	
UECVRDPHOS2AIBKMJ035XKCTLN	M1008C247	NUMBER	[PMMOResult_Intra_System_Handover] M1008C247
UECVRDRHOS2AIBKMJ035XKCTLN	M1008C248	NUMBER	[PMMOResult_Intra_System_Handover] M1008C248
UECVRDTHOS2AIBKMJ035XKCTLN	M1008C249	NUMBER	[PMMOResult_Intra_System_Handover] M1008C249
UECVRDVHOS2AIBKMJ035XKCTLN	M1008C250	NUMBER	[PMMOResult_Intra_System_Handover] M1008C250
UECVRDXHOS2AIBKMJ035XKCTLN	M1008C251	NUMBER	[PMMOResult_Intra_System_Handover] M1008C251
UECVRE0HOS2AIBKMJ035XKCTLN	M1008C252	NUMBER	[PMMOResult_Intra_System_Handover] M1008C252
UECVRE2HOS2AIBKMJ035XKCTLN	M1008C253	NUMBER	[PMMOResult_Intra_System_Handover] M1008C253
UECVRE4HOS2AIBKMJ035XKCTLN	M1008C254	NUMBER	[PMMOResult_Intra_System_Handover] M1008C254
UECVRE6HOS2AIBKMJ035XKCTLN	M1008C255	NUMBER	[PMMOResult_Intra_System_Handover] M1008C255
UECVREBHOS2AIBKMJ035XKCTLN	M1008C256	NUMBER	[PMMOResult_Intra_System_Handover] M1008C256
UECVREDHOS2AIBKMJ035XKCTLN	M1008C257	NUMBER	[PMMOResult_Intra_System_Handover] M1008C257
UECVREFHOS2AIBKMJ035XKCTLN	M1008C258	NUMBER	[PMMOResult_Intra_System_Handover] M1008C258
UECVREHHOS2AIBKMJ035XKCTLN	M1008C259	NUMBER	[PMMOResult_Intra_System_Handover] M1008C259
UECVREJHOS2AIBKMJ035XKCTLN	M1008C260	NUMBER	[PMMOResult_Intra_System_Handover] M1008C260
UECVRELHOS2AIBKMJ035XKCTLN	M1008C261	NUMBER	[PMMOResult_Intra_System_Handover] M1008C261

This edition applies to IBM® Tivoli® Netcool® Performance Manager for Wireless and to all subsequent releases and modifications until otherwise indicated in new editions.

UECVRENHOS2AIBKMJ035XKCTLN	M1008C262	NUMBER	[PMMOResult_Intra_System_Handover] M1008C262
UECVREPHOS2AIBKMJ035XKCTLN	M1008C263	NUMBER	[PMMOResult_Intra_System_Handover] M1008C263
UECVRERHOS2AIBKMJ035XKCTLN	M1008C264	NUMBER	[PMMOResult_Intra_System_Handover] M1008C264
UECVRETHOS2AIBKMJ035XKCTLN	M1008C265	NUMBER	[PMMOResult_Intra_System_Handover] M1008C265
UECVREVHOS2AIBKMJ035XKCTLN	M1008C266	NUMBER	[PMMOResult_Intra_System_Handover] M1008C266
UECVREXHOS2AIBKMJ035XKCTLN	M1008C267	NUMBER	[PMMOResult_Intra_System_Handover] M1008C267
UECVRF0HOS2AIBKMJ035XKCTLN	M1008C268	NUMBER	[PMMOResult_Intra_System_Handover] M1008C268
UECVRF2HOS2AIBKMJ035XKCTLN	M1008C269	NUMBER	[PMMOResult_Intra_System_Handover] M1008C269
UECVRF4HOS2AIBKMJ035XKCTLN	M1008C270	NUMBER	[PMMOResult_Intra_System_Handover] M1008C270
UECVRF6HOS2AIBKMJ035XKCTLN	M1008C271	NUMBER	[PMMOResult_Intra_System_Handover] M1008C271
UECVRFBHOS2AIBKMJ035XKCTLN	M1008C272	NUMBER	[PMMOResult_Intra_System_Handover] M1008C272
UECVRFDHOS2AIBKMJ035XKCTLN	M1008C273	NUMBER	[PMMOResult_Intra_System_Handover] M1008C273
UECVRFFHOS2AIBKMJ035XKCTLN	M1008C274	NUMBER	[PMMOResult_Intra_System_Handover] M1008C274

7.8.7 NOK_NBAP_IUB_DL_POWCON_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
CELL_ID		VARCHAR2(50)	[PMMOResult_L3Iub] WBTS & "/" & CELLID
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
X4IQMSJAFQ2AHDVUJ02U	M1005C149	NUMBER	[PMMOResult_L3Iub]

AUIBEV			M1005C149
X4IQMSLAFQ2AHDVUJ02UAUIBEV	M1005C150	NUMBER	[PMMOResult_L3Iub] M1005C150
X4IQMSNAFQ2AHDVUJ02UAUIBEV	M1005C151	NUMBER	[PMMOResult_L3Iub] M1005C151
X4IQMSPAFQ2AHDVUJ02UAUIBEV	M1005C152	NUMBER	[PMMOResult_L3Iub] M1005C152

7.8.8 NOK_NBAP_RL_RESTORE_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
CELL_ID		VARCHAR2(50)	[PMMOResult_L3Iub] WBTS & "/" & CELLID
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
R6VGVTXAHL26SECCB00HW01QK4	RL_RESTORE_IND_SYNC_REACHIEVED	NUMBER	[PMMOResult_L3Iub] M1005C238

7.8.9 NOK_NKCEL_BTSHW_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
CELL_ID		VARCHAR2(50)	[PMMOResult_Cell_Resource] WBTS & "/" & CELLID
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
YWI4DV6AHK26SECCB00HW01QK4	M1000C134	FLOAT	[PMMOResult_Cell_Resource] M1000C134
YWIMD52AHK26SECCB00HW01QK4	M1000C135	FLOAT	[PMMOResult_Cell_Resource] M1000C135
YWJ2H06AHK26SECCB00HW01QK4	BTS_HW_CAPACITY_DL_DENOMINATOR	NUMBER	[PMMOResult_Cell_Resource] M1000C136

This edition applies to IBM® Tivoli® Netcool® Performance Manager for Wireless and to all subsequent releases and modifications until otherwise indicated in new editions.

YWJKXBTAHK26SECCB00HW01QK4	BTS_HW_CAPACITY_UL_DENOMINATOR	NUMBER	[PMMOResult_Cell_Resource] M1000C137
UAQACS21IM2AHSXR0035XKCUAI	M1000C268	NUMBER	[PMMOResult_Cell_Resource] M1000C268
UAQACS41IM2AHSXR0035XKCUAI	M1000C269	NUMBER	[PMMOResult_Cell_Resource] M1000C269
UAQACS61IM2AHSXR0035XKCUAI	M1000C270	NUMBER	[PMMOResult_Cell_Resource] M1000C270
YWEU502AHK26SECCB00HW01QK4	AVE_AVAIL_POOL_CAPA_DL	FLOAT	[PMMOResult_Cell_Resource] M1000C84
YWFD62HAHK26SECCB00HW01QK4	NBR_OF_POOL_REP_DL	NUMBER	[PMMOResult_Cell_Resource] M1000C85
YWFS3GHAHK26SECCB00HW01QK4	AVE_AVAIL_POOL_CAPA_UL	FLOAT	[PMMOResult_Cell_Resource] M1000C86
YWGBAUXAHK26SECCB00HW01QK4	NBR_OF_POOL_REP_UL	NUMBER	[PMMOResult_Cell_Resource] M1000C87
YWGQFH6AHK26SECCB00HW01QK4	NBR_OF_CELLS	NUMBER	[PMMOResult_Cell_Resource] M1000C88

7.8.10 NOK_NKCEL_CELBH_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
CELL_ID		VARCHAR2(50)	[PMMOResult_Traffic] WBTS & "/" & CELLID
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
YWK0SV6AHK26SECCB00HW01QK4	TOTAL_TRAFFIC	NUMBER	[PMMOResult_Traffic] c_ulcsamrth + c_ul_non_trans_cs_data_th + c_dl_non_trans_cs_data_th + c_ul_cs_amr_th + c_dl_cs_amr_th + c_ul_ps_data_back_cl_th + c_dl_ps_data_back_cl_th + c_ul_ps_data_int_cl_th + c_dl_ps_data_int_cl_th + c_ul_ps_data_conv_cl_th + c_dl_ps_data_conv_cl_th +

			c_ul_ps_data_stream_cl_th + c_dl_ps_data_stream_cl_th + c_hsdsch_th_interac + c_hsdsch_th_back

7.8.11 NOK_NKCEL_CELDATATX_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
CELL_ID		VARCHAR2(50)	[PMMOResult_Cell_thrput] WBTS & "/" & CELLID
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
XJVHDT0DMM2AICSD002UAXYBDK	M1023C11	NUMBER	[PMMOResult_Cell_thrput] M1023C11
XJVHDT2DMM2AICSD002UAXYBDK	M1023C12	NUMBER	[PMMOResult_Cell_thrput] M1023C12
XJVHDT4DMM2AICSD002UAXYBDK	M1023C13	NUMBER	[PMMOResult_Cell_thrput] M1023C13
XJVHDT6DMM2AICSD002UAXYBDK	M1023C14	NUMBER	[PMMOResult_Cell_thrput] M1023C14
XJVHDTBDMM2AICSD002UAXYBDK	M1023C15	NUMBER	[PMMOResult_Cell_thrput] M1023C15
XJVHDTDDMM2AICSD002UAXYBDK	M1023C16	NUMBER	[PMMOResult_Cell_thrput] M1023C16
XJVHDTFDMM2AICSD002UAXYBDK	M1023C17	NUMBER	[PMMOResult_Cell_thrput] M1023C17
XJVHDTHDMM2AICSD002UAXYBDK	M1023C18	NUMBER	[PMMOResult_Cell_thrput] M1023C18
XJVHDTJDMM2AICSD002UAXYBDK	M1023C19	NUMBER	[PMMOResult_Cell_thrput] M1023C19
XJVHDTLDMM2AICSD002UAXYBDK	M1023C20	NUMBER	[PMMOResult_Cell_thrput] M1023C20

XJVHDTNDMM2AICSD002UAXYBDK	M1023C21	NUMBER	[PMMOResult_Cell_thrput] M1023C21
XJVHDTPDMM2AICSD002UAXYBDK	M1023C22	NUMBER	[PMMOResult_Cell_thrput] M1023C22
XJVHDTRDMM2AICSD002UAXYBDK	M1023C23	NUMBER	[PMMOResult_Cell_thrput] M1023C23
XJVHDTTDMM2AICSD002UAXYBDK	M1023C24	NUMBER	[PMMOResult_Cell_thrput] M1023C24
XJVHDTVDMM2AICSD002UAXYBDK	M1023C25	NUMBER	[PMMOResult_Cell_thrput] M1023C25
UGPUH4T1IM2AHSXR0035XKCUAI	M1023C0	NUMBER	[PMMOResult_Cell_thrput] M1023C0
UGPUH4V1IM2AHSXR0035XKCUAI	M1023C1	NUMBER	[PMMOResult_Cell_thrput] M1023C1
UGPUH4X1IM2AHSXR0035XKCUAI	M1023C2	NUMBER	[PMMOResult_Cell_thrput] M1023C2
UGPUH501IM2AHSXR0035XKCUAI	M1023C3	NUMBER	[PMMOResult_Cell_thrput] M1023C3
UGPUH521IM2AHSXR0035XKCUAI	M1023C4	NUMBER	[PMMOResult_Cell_thrput] M1023C4
UGPUH541IM2AHSXR0035XKCUAI	M1023C5	NUMBER	[PMMOResult_Cell_thrput] M1023C5
UGPUH561IM2AHSXR0035XKCUAI	M1023C6	NUMBER	[PMMOResult_Cell_thrput] M1023C6
UGPUH5B1IM2AHSXR0035XKCUAI	M1023C7	NUMBER	[PMMOResult_Cell_thrput] M1023C7
UGPUH5D1IM2AHSXR0035XKCUAI	M1023C8	NUMBER	[PMMOResult_Cell_thrput] M1023C8
UGPUH5F1IM2AHSXR0035XKCUAI	M1023C9	NUMBER	[PMMOResult_Cell_thrput] M1023C9
UGPUH5H1IM2AHSXR0035XKCUAI	M1023C10	NUMBER	[PMMOResult_Cell_thrput] M1023C10

7.8.12 NOK_NKCEL_CODBLK_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping

CELL_ID		VARCHAR2(50)	[PMMOResult_Cell_Resource] WBTS & "/" & CELLID
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
YWKIXWHAHK26SECCB00HW01QK4	NO_CODES_AVAILABLE_SF4	NUMBER	[PMMOResult_Cell_Resource] M1000C76
YWL0B62AHK26SECCB00HW01QK4	NO_CODES_AVAILABLE_SF8	NUMBER	[PMMOResult_Cell_Resource] M1000C77
YWLIY4HAHK26SECCB00HW01QK4	NO_CODES_AVAILABLE_SF16	NUMBER	[PMMOResult_Cell_Resource] M1000C78
YWM1DXPAHK26SECCB00HW01QK4	NO_CODES_AVAILABLE_SF32	NUMBER	[PMMOResult_Cell_Resource] M1000C79
YWMJGXDAHK26SECCB00HW01QK4	NO_CODES_AVAILABLE_SF64	NUMBER	[PMMOResult_Cell_Resource] M1000C80
YWMYITXAHK26SECCB00HW01QK4	NO_CODES_AVAILABLE_SF128	NUMBER	[PMMOResult_Cell_Resource] M1000C81
YWNIG52AHK26SECCB00HW01QK4	NO_CODES_AVAILABLE_SF256	NUMBER	[PMMOResult_Cell_Resource] M1000C82
YWNXLL6AHK26SECCB00HW01QK4	THE_NBR_OF_SUCC_CODE_TREE_ALLO	NUMBER	[PMMOResult_Cell_Resource] M1000C83

7.8.13 NOK_NKCEL_CODDWNGD_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
CELL_ID		VARCHAR2(50)	[PMMOResult_Cell_Resource] WBTS & "/" & CELLID
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
UAQACRX1IM2AHSXR0035XKCUAI	M1000C266	NUMBER	[PMMOResult_Cell_Resource] M1000C266
UAQACS01IM2AHSXR0035	M1000C267	NUMBER	[PMMOResult_Cell_Resource]

This edition applies to IBM® Tivoli® Netcool® Performance Manager for Wireless and to all subsequent releases and modifications until otherwise indicated in new editions.

XKCUAI			M1000C267

7.8.14 NOK_NKCEL_CODOCP_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
CELL_ID		VARCHAR2(50)	[PMMOResult_Cell_Resource] WBTS & "/" & CELLID
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
YWOGMPHAHK26SECCB00HW01QK4	AVERAGE_USAGE_OF_CODE_CAPACITY	FLOAT	[PMMOResult_Cell_Resource] M1000C72
YWOVT0DAHK26SECCB00HW01QK4	DENOM_CODE_CAPACITY	NUMBER	[PMMOResult_Cell_Resource] M1000C73
YWPFT6XAHK26SECCB00HW01QK4	M1000C74	FLOAT	[PMMOResult_Cell_Resource] M1000C74
YWPVM0PAHK26SECCB00HW01QK4	MAX_CODE_OCCUPANCY_PERCENTAGE	FLOAT	[PMMOResult_Cell_Resource] M1000C75

7.8.15 NOK_NKCEL_CODREQ_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
CELL_ID		VARCHAR2(50)	[PMMOResult_Cell_Resource] WBTS & "/" & CELLID
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
UAQACRJ1IM2AHSXR0035XKCUAI	M1000C259	NUMBER	[PMMOResult_Cell_Resource] M1000C259
UAQACRL1IM2AHSXR0035XKCUAI	M1000C260	NUMBER	[PMMOResult_Cell_Resource] M1000C260
UAQACRN1IM2AHSXR0035XKCUAI	M1000C261	NUMBER	[PMMOResult_Cell_Resource] M1000C261
UAQACRP1IM2AHSXR0035XKCUAI	M1000C262	NUMBER	[PMMOResult_Cell_Resource] M1000C262

UAQACRR1IM2AHSXR003 5XKCUAI	M1000C263	NUMBER	[PMMOResult_Cell_Resource] M1000C263
UAQACRT1IM2AHSXR003 5XKCUAI	M1000C264	NUMBER	[PMMOResult_Cell_Resource] M1000C264
UAQACRV1IM2AHSXR003 5XKCUAI	M1000C265	NUMBER	[PMMOResult_Cell_Resource] M1000C265

7.8.16 NOK_NKCEL_CODRSV_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
CELL_ID		VARCHA R2(50)	[PMMOResult_Cell_Resource] WBTS & "/" & CELLID
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
UAQACQT1IM2AHSXR003 5XKCUAI	M1000C248	NUMBER	[PMMOResult_Cell_Resource] M1000C248
UAQACQV1IM2AHSXR003 5XKCUAI	M1000C249	NUMBER	[PMMOResult_Cell_Resource] M1000C249
UAQACQX1IM2AHSXR003 5XKCUAI	M1000C250	NUMBER	[PMMOResult_Cell_Resource] M1000C250
UAQACR01IM2AHSXR0035 XKCUAI	M1000C251	NUMBER	[PMMOResult_Cell_Resource] M1000C251
UAQACR21IM2AHSXR0035 XKCUAI	M1000C252	NUMBER	[PMMOResult_Cell_Resource] M1000C252
UAQACR41IM2AHSXR0035 XKCUAI	M1000C253	NUMBER	[PMMOResult_Cell_Resource] M1000C253
UAQACR61IM2AHSXR0035 XKCUAI	M1000C254	NUMBER	[PMMOResult_Cell_Resource] M1000C254
UAQACRB1IM2AHSXR003 5XKCUAI	M1000C255	NUMBER	[PMMOResult_Cell_Resource] M1000C255
UAQACRD1IM2AHSXR003	M1000C256	NUMBER	[PMMOResult_Cell_Resource]

5XKCUAI			M1000C256
UAQACRF1IM2AHSXR0035XKCUAI	M1000C257	NUMBER	[PMMOResult_Cell_Resource] M1000C257
UAQACRH1IM2AHSXR0035XKCUAI	M1000C258	NUMBER	[PMMOResult_Cell_Resource] M1000C258

7.8.17 NOK_NKCEL_COMPMHSDUSR_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
CELL_ID		VARCHAR2(50)	[PMMOResult_Traffic] WBTS & "/" & CELLID
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
XDRXANPDMM2AICSD002UAXYBDK	M1002C623	NUMBER	[PMMOResult_Traffic] M1002C623
XDRXANRDMM2AICSD002UAXYBDK	M1002C624	NUMBER	[PMMOResult_Traffic] M1002C624
XDRXANTDMM2AICSD002UAXYBDK	M1002C625	NUMBER	[PMMOResult_Traffic] M1002C625

7.8.18 NOK_NKCEL_COMPMODCOM_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
CELL_ID		VARCHAR2(50)	[PMMOResult_L3Iub] WBTS & "/" & CELLID
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
R3KVEL6AHL26SECCB00HW01QK4	NBR_OF_SENT_COMP_MODE_CMDS	NUMBER	[PMMOResult_L3Iub] M1005C139

7.8.19 NOK_NKCEL_CTHRUPUT_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
CELL_ID		VARCHAR2(50)	[PMMOResult_Cell_Thrput_WBTS] WBTS & "/" &

			CELLID
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
XW0RQ6FDMM2AICSD002UAXYBDK	M5002C0	NUMBER	[PMMOResult_Cell_Thrput_WBTS] M5002C0
XW0RQ6HDMM2AICSD002UAXYBDK	M5002C1	NUMBER	[PMMOResult_Cell_Thrput_WBTS] M5002C1
XW0RQ6JDMM2AICSD002UAXYBDK	M5002C2	NUMBER	[PMMOResult_Cell_Thrput_WBTS] M5002C2
XW0RQ6LDMM2AICSD002UAXYBDK	M5002C3	NUMBER	[PMMOResult_Cell_Thrput_WBTS] M5002C3
XW0RQ6NDMM2AICSD002UAXYBDK	M5002C4	NUMBER	[PMMOResult_Cell_Thrput_WBTS] M5002C4
XW0RQ6PDMM2AICSD002UAXYBDK	M5002C5	NUMBER	[PMMOResult_Cell_Thrput_WBTS] M5002C5
XW0RQ6RDMM2AICSD002UAXYBDK	M5002C6	NUMBER	[PMMOResult_Cell_Thrput_WBTS] M5002C6
XW0RQ6TDMM2AICSD002UAXYBDK	M5002C7	NUMBER	[PMMOResult_Cell_Thrput_WBTS] M5002C7
XW0RQ6VDMM2AICSD002UAXYBDK	M5002C8	NUMBER	[PMMOResult_Cell_Thrput_WBTS] M5002C8
XW0RQ6XDMM2AICSD002UAXYBDK	M5002C9	NUMBER	[PMMOResult_Cell_Thrput_WBTS] M5002C9
Y34UVD4DMM2AICSD002UAXYBDK	M5002C10	NUMBER	[PMMOResult_Cell_Thrput_WBTS] M5002C10
Y34UVD6DMM2AICSD002UAXYBDK	M5002C11	NUMBER	[PMMOResult_Cell_Thrput_WBTS] M5002C11
Y34UVDBDMM2AICSD002UAXYBDK	M5002C12	NUMBER	[PMMOResult_Cell_Thrput_WBTS] M5002C12
Y34UVDDDMM2AICSD002UAXYBDK	M5002C13	NUMBER	[PMMOResult_Cell_Thrput_WBTS] M5002C13

This edition applies to IBM® Tivoli® Netcool® Performance Manager for Wireless and to all subsequent releases and modifications until otherwise indicated in new editions.

Y34UVDFDMM2AICSD002U AXYBDK	M5002C14	NUMBER	[PMMOResult_Cell_Thrput_ WBTS] M5002C14
Y34UVDHDMM2AICSD002U AXYBDK	M5002C15	NUMBER	[PMMOResult_Cell_Thrput_ WBTS] M5002C15
Y34UVDJDMM2AICSD002U AXYBDK	M5002C16	NUMBER	[PMMOResult_Cell_Thrput_ WBTS] M5002C16
Y34UVDLDMM2AICSD002U AXYBDK	M5002C17	NUMBER	[PMMOResult_Cell_Thrput_ WBTS] M5002C17
Y34UVDNDMM2AICSD002U AXYBDK	M5002C18	NUMBER	[PMMOResult_Cell_Thrput_ WBTS] M5002C18
Y34UVDPDMM2AICSD002U AXYBDK	M5002C19	NUMBER	[PMMOResult_Cell_Thrput_ WBTS] M5002C19
Y34UVDRDMM2AICSD002U AXYBDK	M5002C20	NUMBER	[PMMOResult_Cell_Thrput_ WBTS] M5002C20
Y34UVDTDMM2AICSD002U AXYBDK	M5002C21	NUMBER	[PMMOResult_Cell_Thrput_ WBTS] M5002C21
Y34UVDVDMM2AICSD002U AXYBDK	M5002C22	NUMBER	[PMMOResult_Cell_Thrput_ WBTS] M5002C22
Y34UVDXDMM2AICSD002U AXYBDK	M5002C23	NUMBER	[PMMOResult_Cell_Thrput_ WBTS] M5002C23
Y34UVE0DMM2AICSD002U AXYBDK	M5002C24	NUMBER	[PMMOResult_Cell_Thrput_ WBTS] M5002C24
Y34UVE2DMM2AICSD002U AXYBDK	M5002C25	NUMBER	[PMMOResult_Cell_Thrput_ WBTS] M5002C25
Y34UVE4DMM2AICSD002U AXYBDK	M5002C26	NUMBER	[PMMOResult_Cell_Thrput_ WBTS] M5002C26
Y34UVE6DMM2AICSD002U AXYBDK	M5002C27	NUMBER	[PMMOResult_Cell_Thrput_ WBTS] M5002C27
Y34UVEBDMM2AICSD002U AXYBDK	M5002C28	NUMBER	[PMMOResult_Cell_Thrput_ WBTS] M5002C28
Y34UVEDDMM2AICSD002U AXYBDK	M5002C29	NUMBER	[PMMOResult_Cell_Thrput_ WBTS] M5002C29
Y34UVEFDMM2AICSD002U AXYBDK	M5002C30	NUMBER	[PMMOResult_Cell_Thrput_ WBTS] M5002C30
Y34UVEHDMM2AICSD002U	M5002C31	NUMBER	[PMMOResult_Cell_Thrput_

AXYBDK			WBTS] M5002C31
Y34UVEJDMM2AICSD002U AXYBDK	M5002C32	NUMBER	[PMMOResult_Cell_Thrput_ WBTS] M5002C32
Y34UVELDMM2AICSD002U AXYBDK	M5002C33	NUMBER	[PMMOResult_Cell_Thrput_ WBTS] M5002C33
Y34UVENDMM2AICSD002U AXYBDK	M5002C34	NUMBER	[PMMOResult_Cell_Thrput_ WBTS] M5002C34
Y34UVEPDMM2AICSD002U AXYBDK	M5002C35	NUMBER	[PMMOResult_Cell_Thrput_ WBTS] M5002C35
Y34UVERDMM2AICSD002U AXYBDK	M5002C36	NUMBER	[PMMOResult_Cell_Thrput_ WBTS] M5002C36
Y34UVETDMM2AICSD002U AXYBDK	M5002C37	NUMBER	[PMMOResult_Cell_Thrput_ WBTS] M5002C37

7.8.20 NOK_NKCEL_DCHRECF_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
CELL_ID		VARCHA R2(50)	[PMMOResult_Packet_call] WBTS & "/" & CELLID
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
XJVHDNBDMM2AICSD002U AXYBDK	M1022C131	NUMBER	[PMMOResult_Packet_call] M1022C131
XJVHDNDDMM2AICSD002U AXYBDK	M1022C132	NUMBER	[PMMOResult_Packet_call] M1022C132
XJVHDNFDMM2AICSD002U AXYBDK	M1022C133	NUMBER	[PMMOResult_Packet_call] M1022C133
XJVHDNHDMM2AICSD002U AXYBDK	M1022C134	NUMBER	[PMMOResult_Packet_call] M1022C134
XJVHDNJDMM2AICSD002U AXYBDK	M1022C135	NUMBER	[PMMOResult_Packet_call] M1022C135

This edition applies to IBM® Tivoli® Netcool® Performance Manager for Wireless and to all subsequent releases and modifications until otherwise indicated in new editions.

XJVHDNLDMM2AICSD002UAXYBDK	M1022C136	NUMBER	[PMMOResult_Packet_call] M1022C136
XJVHDNNDMM2AICSD002UAXYBDK	M1022C137	NUMBER	[PMMOResult_Packet_call] M1022C137
XJVHDNPDMM2AICSD002UAXYBDK	M1022C138	NUMBER	[PMMOResult_Packet_call] M1022C138
XJVHDNRDMM2AICSD002UAXYBDK	M1022C139	NUMBER	[PMMOResult_Packet_call] M1022C139
XJVHDNTDMM2AICSD002UAXYBDK	M1022C140	NUMBER	[PMMOResult_Packet_call] M1022C140
XJVHDNVDMM2AICSD002UAXYBDK	M1022C141	NUMBER	[PMMOResult_Packet_call] M1022C141
XJVHDNXDMM2AICSD002UAXYBDK	M1022C142	NUMBER	[PMMOResult_Packet_call] M1022C142
XJVHDO0DMM2AICSD002UAXYBDK	M1022C143	NUMBER	[PMMOResult_Packet_call] M1022C143
XJVHDO2DMM2AICSD002UAXYBDK	M1022C144	NUMBER	[PMMOResult_Packet_call] M1022C144
XJVHDO4DMM2AICSD002UAXYBDK	M1022C145	NUMBER	[PMMOResult_Packet_call] M1022C145
XJVHDO6DMM2AICSD002UAXYBDK	M1022C146	NUMBER	[PMMOResult_Packet_call] M1022C146

7.8.21 NOK_NKCEL_DDMEAS_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
CELL_ID		VARCHAR2(50)	[PMMOResult_Cell_Resource] WBTS & "/" & CELLID
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
XDRXAH0DMM2AICSD002UAXYBDK	M1000C353	NUMBER	[PMMOResult_Cell_Resource] M1000C353
XDRXAH2DMM2AICSD002UAXYBDK	M1000C354	NUMBER	[PMMOResult_Cell_Resource] M1000C354
XDRXAH4DMM2AICSD002U	M1000C355	NUMBER	[PMMOResult_Cell_Resource

AXYBDK			] M1000C355
XDRXAH6DMM2AICSD002U AXYBDK	M1000C356	NUMBER	[PMMOResult_Cell_Resource] M1000C356
XDRXAHBDMM2AICSD002U AXYBDK	M1000C357	NUMBER	[PMMOResult_Cell_Resource] M1000C357
XDRXAHDDMM2AICSD002U AXYBDK	M1000C358	NUMBER	[PMMOResult_Cell_Resource] M1000C358
XDRXAHFDMM2AICSD002U AXYBDK	M1000C359	NUMBER	[PMMOResult_Cell_Resource] M1000C359
XDRXAHHDMM2AICSD002U AXYBDK	M1000C360	NUMBER	[PMMOResult_Cell_Resource] M1000C360
XDRXAHJDMM2AICSD002U AXYBDK	M1000C361	NUMBER	[PMMOResult_Cell_Resource] M1000C361
XDRXAHLDMM2AICSD002U AXYBDK	M1000C362	NUMBER	[PMMOResult_Cell_Resource] M1000C362

7.8.22 NOK_NKCEL_DWCLD_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
CELL_ID		VARCHAR2(50)	[PMMOResult_Cell_Resource] WBTS & "/" & CELLID
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
XDRXAD6DMM2AICSD002U AXYBDK	M1000C292	NUMBER	[PMMOResult_Cell_Resource] M1000C292
XDRXADBDMM2AICSD002U AXYBDK	M1000C293	NUMBER	[PMMOResult_Cell_Resource] M1000C293
XDRXADDDMM2AICSD002U AXYBDK	M1000C294	NUMBER	[PMMOResult_Cell_Resource] M1000C294
XDRXADFDMM2AICSD002U AXYBDK	M1000C295	NUMBER	[PMMOResult_Cell_Resource] M1000C295

This edition applies to IBM® Tivoli® Netcool® Performance Manager for Wireless and to all subsequent releases and modifications until otherwise indicated in new editions.

7.8.23 NOK_NKCEL_EDCH_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
CELL_ID		VARCHAR2(50)	[PMMOResult_Cell_Resource] WBTS & "/" & CELLID
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
XDRXAE2DMM2AICSD002UAXYBDK	M1000C306	NUMBER	[PMMOResult_Cell_Resource] M1000C306
XDRXAE4DMM2AICSD002UAXYBDK	M1000C307	NUMBER	[PMMOResult_Cell_Resource] M1000C307
XDRXAE6DMM2AICSD002UAXYBDK	M1000C308	NUMBER	[PMMOResult_Cell_Resource] M1000C308
XDRXAEBDMM2AICSD002UAXYBDK	M1000C309	NUMBER	[PMMOResult_Cell_Resource] M1000C309
XDRXAEDDMM2AICSD002UAXYBDK	M1000C310	NUMBER	[PMMOResult_Cell_Resource] M1000C310
XDRXAEFDMM2AICSD002UAXYBDK	M1000C311	NUMBER	[PMMOResult_Cell_Resource] M1000C311

7.8.24 NOK_NKCEL_HSDPAUSR_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
CELL_ID		VARCHAR2(50)	[PMMOResult_Cell_Resource] WBTS & "/" & CELLID
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
UAQACQD1IM2AHSXR0035XKCUAI	M1000C240	NUMBER	[PMMOResult_Cell_Resource] M1000C240
UAQACQF1IM2AHSXR0035XKCUAI	M1000C241	NUMBER	[PMMOResult_Cell_Resource] M1000C241
UAQACQH1IM2AHSXR0035XKCUAI	M1000C242	NUMBER	[PMMOResult_Cell_Resource] M1000C242
UAQACQJ1IM2AHSXR0035X	M1000C243	NUMBER	[PMMOResult_Cell_Resource

KCUAI			] M1000C243
UAQACQL1IM2AHSXR0035XKCUAI	M1000C244	NUMBER	[PMMOResult_Cell_Resource] M1000C244
UAQACQN1IM2AHSXR0035XKCUAI	M1000C245	NUMBER	[PMMOResult_Cell_Resource] M1000C245
UAQACQP1IM2AHSXR0035XKCUAI	M1000C246	NUMBER	[PMMOResult_Cell_Resource] M1000C246
UAQACQR1IM2AHSXR0035XKCUAI	M1000C247	NUMBER	[PMMOResult_Cell_Resource] M1000C247
XDRXACLDMM2AICSD002UAXYBDK	M1000C282	NUMBER	[PMMOResult_Cell_Resource] M1000C282
XDRXACPDMM2AICSD002UAXYBDK	M1000C284	NUMBER	[PMMOResult_Cell_Resource] M1000C284
XDRXACRDMM2AICSD002UAXYBDK	M1000C285	NUMBER	[PMMOResult_Cell_Resource] M1000C285
XDRXAEHDMM2AICSD002UAXYBDK	M1000C312	NUMBER	[PMMOResult_Cell_Resource] M1000C312
XDRXAEJDMM2AICSD002UAXYBDK	M1000C313	NUMBER	[PMMOResult_Cell_Resource] M1000C313
XDRXAELDMM2AICSD002UAXYBDK	M1000C314	NUMBER	[PMMOResult_Cell_Resource] M1000C314
XDRXAENDMM2AICSD002UAXYBDK	M1000C315	NUMBER	[PMMOResult_Cell_Resource] M1000C315
XDRXAEPDMM2AICSD002UAXYBDK	M1000C316	NUMBER	[PMMOResult_Cell_Resource] M1000C316
XDRXAERDMM2AICSD002UAXYBDK	M1000C317	NUMBER	[PMMOResult_Cell_Resource] M1000C317
YWQVEFHAHK26SECCB00HW01QK4	M1000C167	NUMBER	[PMMOResult_Cell_Resource] M1000C167
YWRFBGTAHK26SECCB00HW01QK4	M1000C168	NUMBER	[PMMOResult_Cell_Resource] M1000C168

This edition applies to IBM® Tivoli® Netcool® Performance Manager for Wireless and to all subsequent releases and modifications until otherwise indicated in new editions.

YWRVHIDAHK26SECCB00HW01QK4	M1000C169	NUMBER	[PMMOResult_Cell_Resource] M1000C169
YWSEO36AHK26SECCB00HW01QK4	M1000C170	NUMBER	[PMMOResult_Cell_Resource] M1000C170
YWSTUV2AHK26SECCB00HW01QK4	M1000C171	NUMBER	[PMMOResult_Cell_Resource] M1000C171
YWTHY36AHK26SECCB00HW01QK4	M1000C172	NUMBER	[PMMOResult_Cell_Resource] M1000C172
YWTX3RLAHK26SECCB00HW01QK4	M1000C173	NUMBER	[PMMOResult_Cell_Resource] M1000C173
YWUHIOLAHK26SECCB00HW01QK4	M1000C174	NUMBER	[PMMOResult_Cell_Resource] M1000C174
YWUXF0HAHK26SECCB00HW01QK4	M1000C175	NUMBER	[PMMOResult_Cell_Resource] M1000C175

7.8.25 NOK_NKCEL_HSDSCH_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
CELL_ID		VARCHAR2(50)	[PMMOResult_Cell_Resource] WBTS & "/" & CELLID
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
XDRXADPDMM2AICSD002UAXYBDK	M1000C300	NUMBER	[PMMOResult_Cell_Resource] M1000C300
XDRXADRDMM2AICSD002UAXYBDK	M1000C301	NUMBER	[PMMOResult_Cell_Resource] M1000C301
XDRXADTDMM2AICSD002UAXYBDK	M1000C302	NUMBER	[PMMOResult_Cell_Resource] M1000C302
XDRXADVDMM2AICSD002UAXYBDK	M1000C303	NUMBER	[PMMOResult_Cell_Resource] M1000C303
XDRXADXDMM2AICSD002UAXYBDK	M1000C304	NUMBER	[PMMOResult_Cell_Resource] M1000C304
XDRXAE0DMM2AICSD002UAXYBDK	M1000C305	NUMBER	[PMMOResult_Cell_Resource] M1000C305

7.8.26 NOK_NKCEL_HSDSCHREQ_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
CELL_ID		VARCHAR2(50)	[PMMOResult_Traffic] WBTS & "/" & CELLID
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
S3P30VTAHL26SECCB00HW01QK4	M1002C401	NUMBER	[PMMOResult_Traffic] M1002C401
S3PY0RXAHL26SECCB00HW01QK4	M1002C402	NUMBER	[PMMOResult_Traffic] M1002C402
S3QUST2AHL26SECCB00HW01QK4	TOT_HSDSCH_SETUP_ATT_INTER	NUMBER	[PMMOResult_Traffic] (M1002C386 + M1002C387 + M1002C388 + M1002C413 + M1002C414 + M1002C415 + M1002C416 + M1002C417)
S3RRJLPAHL26SECCB00HW01QK4	TOT_HSDSCH_SETUP_ATT_BACKG	NUMBER	[PMMOResult_Traffic] (M1002C390 + M1002C391 + M1002C392 + M1002C421 + M1002C422 + M1002C423 + M1002C424 + M1002C425)

7.8.27 NOK_NKCEL_HSUPAUSR_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
CELL_ID		VARCHAR2(50)	[PMMOResult_Cell_Resource] WBTS & "/" & CELLID
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
XDRXACNDMM2AICSD002UAXYBDK	M1000C283	NUMBER	[PMMOResult_Cell_Resource] M1000C283
XDRXACTDMM2AICSD002UAXYBDK	M1000C286	NUMBER	[PMMOResult_Cell_Resource] M1000C286

This edition applies to IBM® Tivoli® Netcool® Performance Manager for Wireless and to all subsequent releases and modifications until otherwise indicated in new editions.

XDRXACVDMM2AICSD002UAXYBDK	M1000C287	NUMBER	[PMMOResult_Cell_Resource] M1000C287
XDRXAETDMM2AICSD002UAXYBDK	M1000C318	NUMBER	[PMMOResult_Cell_Resource] M1000C318
XDRXAEVDMM2AICSD002UAXYBDK	M1000C319	NUMBER	[PMMOResult_Cell_Resource] M1000C319
SAS6C443252AHU2SR035YHT4UM	M1000C271	NUMBER	[PMMOResult_Cell_Resource] M1000C271
UAQACSD1IM2AHSXR0035XKCUAI	M1000C272	NUMBER	[PMMOResult_Cell_Resource] M1000C272
UAQACSF1IM2AHSXR0035XKCUAI	M1000C273	NUMBER	[PMMOResult_Cell_Resource] M1000C273
UAQACSH1IM2AHSXR0035XKCUAI	M1000C274	NUMBER	[PMMOResult_Cell_Resource] M1000C274
UAQACSJ1IM2AHSXR0035XKCUAI	M1000C275	NUMBER	[PMMOResult_Cell_Resource] M1000C275
UAQACSL1IM2AHSXR0035XKCUAI	M1000C276	NUMBER	[PMMOResult_Cell_Resource] M1000C276
UAQACSN1IM2AHSXR0035XKCUAI	M1000C277	NUMBER	[PMMOResult_Cell_Resource] M1000C277
UAQACSP1IM2AHSXR0035XKCUAI	M1000C278	NUMBER	[PMMOResult_Cell_Resource] M1000C278
UAQACSR1IM2AHSXR0035XKCUAI	M1000C279	NUMBER	[PMMOResult_Cell_Resource] M1000C279
UAQACST1IM2AHSXR0035XKCUAI	M1000C280	NUMBER	[PMMOResult_Cell_Resource] M1000C280
UAQACSV1IM2AHSXR0035XKCUAI	M1000C281	NUMBER	[PMMOResult_Cell_Resource] M1000C281

7.8.28 NOK_NKCEL_INHHOREJREL_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
CELL_ID		VARCHAR2(50)	[PMMOResult_Intra_System_Handover] WBTS & "/" & CELLID
TSTAMP		DATE	

INSTANCE_ID		NUMBER	
R1YI16HAHL26SECCB00HW01QK4	NUMBER_OF_REJECTED_RELOCATIONS	NUMBER	[PMMOResult_Intra_System_Handover] M1008C114

7.8.29 NOK_NKCEL_INHORELOC_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
CELL_ID		VARCHAR2(50)	[PMMOResult_Service_Level] WBTS & "/" & CELLID
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
YWWJLUTAHK26SECCB00HW01QK4	M1001C62	NUMBER	[PMMOResult_Service_Level] M1001C62
YWWYRP2AHK26SECCB00HW01QK4	M1001C63	NUMBER	[PMMOResult_Service_Level] M1001C63
YWXHX6XAHK26SECCB00HW01QK4	M1001C64	NUMBER	[PMMOResult_Service_Level] M1001C64
YWXXAOHAHK26SECCB00HW01QK4	M1001C65	NUMBER	[PMMOResult_Service_Level] M1001C65
YWYGIAXAHK26SECCB00HW01QK4	M1001C217	NUMBER	[PMMOResult_Service_Level] M1001C217
YWYVR6TAHK26SECCB00HW01QK4	M1001C218	NUMBER	[PMMOResult_Service_Level] M1001C218
YX0EXW6AHK26SECCB00HW01QK4	M1001C219	NUMBER	[PMMOResult_Service_Level] M1001C219
YX0VBRLAHK26SECCB00HW01QK4	M1001C220	NUMBER	[PMMOResult_Service_Level] M1001C220

7.8.30 NOK_NKCEL_INTER_HHOAMR_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping

CELL_ID		VARCHAR2(50)	[PMMOResult_Inter_System_Handover] WBTS & "/" & CELLID
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
XDRXAW0DMM2AICSD002UAXYBDK	M1010C215	NUMBER	[PMMOResult_Inter_System_Handover] M1010C215
XDRXAW2DMM2AICSD002UAXYBDK	M1010C216	NUMBER	[PMMOResult_Inter_System_Handover] M1010C216
XDRXAW4DMM2AICSD002UAXYBDK	M1010C217	NUMBER	[PMMOResult_Inter_System_Handover] M1010C217
XDRXAW6DMM2AICSD002UAXYBDK	M1010C218	NUMBER	[PMMOResult_Inter_System_Handover] M1010C218
XDRXAWBDMM2AICSD002UAXYBDK	M1010C219	NUMBER	[PMMOResult_Inter_System_Handover] M1010C219
XDRXAWDDMM2AICSD002UAXYBDK	M1010C220	NUMBER	[PMMOResult_Inter_System_Handover] M1010C220
XDRXAWFDMM2AICSD002UAXYBDK	M1010C221	NUMBER	[PMMOResult_Inter_System_Handover] M1010C221
XDRXAWHDMM2AICSD002UAXYBDK	M1010C222	NUMBER	[PMMOResult_Inter_System_Handover] M1010C222

7.8.31 NOK_NKCEL_INTER_HHONRT_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
CELL_ID		VARCHAR2(50)	[PMMOResult_Inter_System_Handover] WBTS & "/" & CELLID
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
YX1EFATAHK26SECCB00HW01QK4	M1010C39	NUMBER	[PMMOResult_Inter_System_Handover] M1010C39
YX1TQX6AHK26SECCB00HW01QK4	M1010C40	NUMBER	[PMMOResult_Inter_System_Handover] M1010C40
YX2J6SLAHK26SECCB00HW	M1010C41	NUMBER	[PMMOResult_Inter_System_

01QK4			Handover] M1010C41
YX2YKXHAHK26SECCB00HW01QK4	M1010C42	NUMBER	[PMMOResult_Inter_System_Handover] M1010C42
YX3HR6HAHK26SECCB00HW01QK4	M1010C43	NUMBER	[PMMOResult_Inter_System_Handover] M1010C43
YX3WU0HAHK26SECCB00HW01QK4	M1010C44	NUMBER	[PMMOResult_Inter_System_Handover] M1010C44
YX4FTJTAHK26SECCB00HW01QK4	M1010C45	NUMBER	[PMMOResult_Inter_System_Handover] M1010C45
YX4V3I2AHK26SECCB00HW01QK4	M1010C46	NUMBER	[PMMOResult_Inter_System_Handover] M1010C46
YX5F3LLAHK26SECCB00HW01QK4	M1010C47	NUMBER	[PMMOResult_Inter_System_Handover] M1010C47
YX5UNYHAHK26SECCB00HW01QK4	M1010C48	NUMBER	[PMMOResult_Inter_System_Handover] M1010C48
YX6DWP6AHK26SECCB00HW01QK4	M1010C49	NUMBER	[PMMOResult_Inter_System_Handover] M1010C49
YX6TBCLAHK26SECCB00HW01QK4	M1010C50	NUMBER	[PMMOResult_Inter_System_Handover] M1010C50
YXACNQPAHK26SECCB00HW01QK4	M1010C51	NUMBER	[PMMOResult_Inter_System_Handover] M1010C51
YXAS4BLAHK26SECCB00HW01QK4	M1010C52	NUMBER	[PMMOResult_Inter_System_Handover] M1010C52
YXBCA6PAHK26SECCB00HW01QK4	M1010C53	NUMBER	[PMMOResult_Inter_System_Handover] M1010C53
YXBRYO6AHK26SECCB00HW01QK4	M1010C54	NUMBER	[PMMOResult_Inter_System_Handover] M1010C54
YXCCIGXAHK26SECCB00HW01QK4	M1010C55	NUMBER	[PMMOResult_Inter_System_Handover] M1010C55
YXCRUTTAHK26SECCB00HW01QK4	M1010C56	NUMBER	[PMMOResult_Inter_System_Handover] M1010C56

This edition applies to IBM® Tivoli® Netcool® Performance Manager for Wireless and to all subsequent releases and modifications until otherwise indicated in new editions.

YXDC0ATAHK26SECCB00H W01QK4	M1010C57	NUMBER	[PMMOResult_Inter_System_ Handover] M1010C57
YXDS0L6AHK26SECCB00H W01QK4	M1010C58	NUMBER	[PMMOResult_Inter_System_ Handover] M1010C58
YXEBIRHAHK26SECCB00H W01QK4	M1010C59	NUMBER	[PMMOResult_Inter_System_ Handover] M1010C59
YXEQX1XAHK26SECCB00H W01QK4	M1010C60	NUMBER	[PMMOResult_Inter_System_ Handover] M1010C60
YXFAGXPAHK26SECCB00H W01QK4	M1010C61	NUMBER	[PMMOResult_Inter_System_ Handover] M1010C61
YXFPSUXAHK26SECCB00H W01QK4	M1010C62	NUMBER	[PMMOResult_Inter_System_ Handover] M1010C62
YXG61YXAHK26SECCB00H W01QK4	M1010C63	NUMBER	[PMMOResult_Inter_System_ Handover] M1010C63
YXGOHELAHK26SECCB00H W01QK4	M1010C64	NUMBER	[PMMOResult_Inter_System_ Handover] M1010C64
YXH4Q2DAHK26SECCB00H W01QK4	M1010C65	NUMBER	[PMMOResult_Inter_System_ Handover] M1010C65
YXHN2PTAHK26SECCB00H W01QK4	M1010C66	NUMBER	[PMMOResult_Inter_System_ Handover] M1010C66
YXI3OFXAHK26SECCB00H W01QK4	M1010C67	NUMBER	[PMMOResult_Inter_System_ Handover] M1010C67
YXINAMTAHK26SECCB00H W01QK4	M1010C68	NUMBER	[PMMOResult_Inter_System_ Handover] M1010C68
YXJGALLAHK26SECCB00H W01QK4	M1010C69	NUMBER	[PMMOResult_Inter_System_ Handover] M1010C69
YXJVVVHAHK26SECCB00H W01QK4	M1010C70	NUMBER	[PMMOResult_Inter_System_ Handover] M1010C70
YXKFD0HAHK26SECCB00H W01QK4	M1010C71	NUMBER	[PMMOResult_Inter_System_ Handover] M1010C71
YXKUP2PAHK26SECCB00H W01QK4	M1010C72	NUMBER	[PMMOResult_Inter_System_ Handover] M1010C72
YXLE24XAHK26SECCB00H W01QK4	M1010C73	NUMBER	[PMMOResult_Inter_System_ Handover] M1010C73
YXLTHIXAHK26SECCB00H	M1010C74	NUMBER	[PMMOResult_Inter_System_

W01QK4			Handover] M1010C74
YXMFXQTAHK26SECCB00H W01QK4	M1010C75	NUMBER	[PMMOResult_Inter_System_ Handover] M1010C75
YXMVBHHAHK26SECCB00H W01QK4	M1010C83	NUMBER	[PMMOResult_Inter_System_ Handover] M1010C83
YXNEPS6AHK26SECCB00H W01QK4	M1010C84	NUMBER	[PMMOResult_Inter_System_ Handover] M1010C84
YXNUEVTAHK26SECCB00H W01QK4	M1010C85	NUMBER	[PMMOResult_Inter_System_ Handover] M1010C85
YXOUG1TAHK26SECCB00H W01QK4	M1010C86	NUMBER	[PMMOResult_Inter_System_ Handover] M1010C86
YXPETKHAHK26SECCB00H W01QK4	M1010C87	NUMBER	[PMMOResult_Inter_System_ Handover] M1010C87
YXPUK5TAHK26SECCB00H W01QK4	M1010C88	NUMBER	[PMMOResult_Inter_System_ Handover] M1010C88
YXQDVLTAHK26SECCB00H W01QK4	M1010C89	NUMBER	[PMMOResult_Inter_System_ Handover] M1010C89
XVM0PO4AFQ2AHDVUJ02U AUIBEV	M1010C106	NUMBER	[PMMOResult_Inter_System_ Handover] M1010C106
XVM0PO6AFQ2AHDVUJ02U AUIBEV	M1010C107	NUMBER	[PMMOResult_Inter_System_ Handover] M1010C107
XVM0POBAFQ2AHDVUJ02U AUIBEV	M1010C108	NUMBER	[PMMOResult_Inter_System_ Handover] M1010C108
XVM0PODAFQ2AHDVUJ02U AUIBEV	M1010C109	NUMBER	[PMMOResult_Inter_System_ Handover] M1010C109
XVM0POFAFQ2AHDVUJ02U AUIBEV	M1010C110	NUMBER	[PMMOResult_Inter_System_ Handover] M1010C110
XVM0POHAFQ2AHDVUJ02U AUIBEV	M1010C111	NUMBER	[PMMOResult_Inter_System_ Handover] M1010C111
XVM0POJAFQ2AHDVUJ02U AUIBEV	M1010C112	NUMBER	[PMMOResult_Inter_System_ Handover] M1010C112

This edition applies to IBM® Tivoli® Netcool® Performance Manager for Wireless and to all subsequent releases and modifications until otherwise indicated in new editions.

XVM0POVAFQ2AHDVUJ02UAUIBEV	M1010C118	NUMBER	[PMMOResult_Inter_System_Handover] M1010C118
Y2LNTLVAFQ2AHDVUJ02UAUIBEV	M1010C119	NUMBER	[PMMOResult_Inter_System_Handover] M1010C119
Y2LNTLXAFQ2AHDVUJ02UAUIBEV	M1010C120	NUMBER	[PMMOResult_Inter_System_Handover] M1010C120
Y2LNTM0AFQ2AHDVUJ02UAUIBEV	M1010C121	NUMBER	[PMMOResult_Inter_System_Handover] M1010C121
Y2LNTM2AFQ2AHDVUJ02UAUIBEV	M1010C122	NUMBER	[PMMOResult_Inter_System_Handover] M1010C122
Y2LNTM4AFQ2AHDVUJ02UAUIBEV	M1010C123	NUMBER	[PMMOResult_Inter_System_Handover] M1010C123
Y2LNTM6AFQ2AHDVUJ02UAUIBEV	M1010C124	NUMBER	[PMMOResult_Inter_System_Handover] M1010C124
Y2LNTMLAFQ2AHDVUJ02UAUIBEV	M1010C130	NUMBER	[PMMOResult_Inter_System_Handover] M1010C130
Y2LNTMNAFQ2AHDVUJ02UAUIBEV	M1010C131	NUMBER	[PMMOResult_Inter_System_Handover] M1010C131
Y2LNTMPAFQ2AHDVUJ02UAUIBEV	M1010C132	NUMBER	[PMMOResult_Inter_System_Handover] M1010C132
Y2LNTMRAFQ2AHDVUJ02UAUIBEV	M1010C133	NUMBER	[PMMOResult_Inter_System_Handover] M1010C133
Y2LNTMTAFQ2AHDVUJ02UAUIBEV	M1010C134	NUMBER	[PMMOResult_Inter_System_Handover] M1010C134
Y2LNTMVAFQ2AHDVUJ02UAUIBEV	M1010C135	NUMBER	[PMMOResult_Inter_System_Handover] M1010C135
Y2LNTMXAFQ2AHDVUJ02UAUIBEV	M1010C136	NUMBER	[PMMOResult_Inter_System_Handover] M1010C136
Y2LNTNDAFQ2AHDVUJ02UAUIBEV	M1010C142	NUMBER	[PMMOResult_Inter_System_Handover] M1010C142
Y2LNTNFAFQ2AHDVUJ02UAUIBEV	M1010C143	NUMBER	[PMMOResult_Inter_System_Handover] M1010C143
Y2LNTNHAFQ2AHDVUJ02UAUIBEV	M1010C144	NUMBER	[PMMOResult_Inter_System_Handover] M1010C144
Y2LNTNJAFQ2AHDVUJ02UA	M1010C145	NUMBER	[PMMOResult_Inter_System_

UIBEV			Handover] M1010C145
Y2LNTNLAFQ2AHDVUJ02UAUIBEV	M1010C146	NUMBER	[PMMOResult_Inter_System_Handover] M1010C146
Y2LNTNNAFQ2AHDVUJ02UAUIBEV	M1010C147	NUMBER	[PMMOResult_Inter_System_Handover] M1010C147
Y2LNTNPAFQ2AHDVUJ02UAUIBEV	M1010C148	NUMBER	[PMMOResult_Inter_System_Handover] M1010C148
Y2LNTO2AFQ2AHDVUJ02UAUIBEV	M1010C154	NUMBER	[PMMOResult_Inter_System_Handover] M1010C154
Y2LNTO4AFQ2AHDVUJ02UAUIBEV	M1010C155	NUMBER	[PMMOResult_Inter_System_Handover] M1010C155
Y2LNTO6AFQ2AHDVUJ02UAUIBEV	M1010C156	NUMBER	[PMMOResult_Inter_System_Handover] M1010C156
Y2LNTOBAFQ2AHDVUJ02UAUIBEV	M1010C157	NUMBER	[PMMOResult_Inter_System_Handover] M1010C157
Y2LNTODAFQ2AHDVUJ02UAUIBEV	M1010C158	NUMBER	[PMMOResult_Inter_System_Handover] M1010C158
Y2LNTOFAFQ2AHDVUJ02UAUIBEV	M1010C159	NUMBER	[PMMOResult_Inter_System_Handover] M1010C159
Y2LNTOHAFQ2AHDVUJ02UAUIBEV	M1010C160	NUMBER	[PMMOResult_Inter_System_Handover] M1010C160
Y2LNTOTAFQ2AHDVUJ02UAUIBEV	M1010C166	NUMBER	[PMMOResult_Inter_System_Handover] M1010C166
Y2LNTOVAFQ2AHDVUJ02UAUIBEV	M1010C167	NUMBER	[PMMOResult_Inter_System_Handover] M1010C167
Y2LNTOXAFQ2AHDVUJ02UAUIBEV	M1010C168	NUMBER	[PMMOResult_Inter_System_Handover] M1010C168
Y2LNTP0AFQ2AHDVUJ02UAUIBEV	M1010C169	NUMBER	[PMMOResult_Inter_System_Handover] M1010C169
Y2LNTP2AFQ2AHDVUJ02UAUIBEV	M1010C170	NUMBER	[PMMOResult_Inter_System_Handover] M1010C170

This edition applies to IBM® Tivoli® Netcool® Performance Manager for Wireless and to all subsequent releases and modifications until otherwise indicated in new editions.

Y2LNTP4AFQ2AHDVUJ02UAUIBEV	M1010C171	NUMBER	[PMMOResult_Inter_System_Handover] M1010C171
Y2LNTP6AFQ2AHDVUJ02UAUIBEV	M1010C172	NUMBER	[PMMOResult_Inter_System_Handover] M1010C172
YBMRNJ0AFQ2AHDVUJ02UAUIBEV	M1010C178	NUMBER	[PMMOResult_Inter_System_Handover] M1010C178
YBMRNJ2AFQ2AHDVUJ02UAUIBEV	M1010C179	NUMBER	[PMMOResult_Inter_System_Handover] M1010C179
YBMRNJ4AFQ2AHDVUJ02UAUIBEV	M1010C180	NUMBER	[PMMOResult_Inter_System_Handover] M1010C180
YBMRNJ6AFQ2AHDVUJ02UAUIBEV	M1010C181	NUMBER	[PMMOResult_Inter_System_Handover] M1010C181
YBMRNJBAFQ2AHDVUJ02UAUIBEV	M1010C182	NUMBER	[PMMOResult_Inter_System_Handover] M1010C182
YBMRNJDAFQ2AHDVUJ02UAUIBEV	M1010C183	NUMBER	[PMMOResult_Inter_System_Handover] M1010C183
YBMRNJFAFQ2AHDVUJ02UAUIBEV	M1010C184	NUMBER	[PMMOResult_Inter_System_Handover] M1010C184
XDRXAVNDMM2AICSD002UAXYBDK	M1010C209	NUMBER	[PMMOResult_Inter_System_Handover] M1010C209
XDRXAVPDMM2AICSD002UAXYBDK	M1010C210	NUMBER	[PMMOResult_Inter_System_Handover] M1010C210
XDRXAVRDMM2AICSD002UAXYBDK	M1010C211	NUMBER	[PMMOResult_Inter_System_Handover] M1010C211
XDRXAVTDMM2AICSD002UAXYBDK	M1010C212	NUMBER	[PMMOResult_Inter_System_Handover] M1010C212
XDRXAVVDMM2AICSD002UAXYBDK	M1010C213	NUMBER	[PMMOResult_Inter_System_Handover] M1010C213
XDRXAVXDMM2AICSD002UAXYBDK	M1010C214	NUMBER	[PMMOResult_Inter_System_Handover] M1010C214

7.8.32 NOK_NKCEL_INTER_HHORT_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
CELL_ID		VARCHAR2(50)	[PMMOResult_Inter_System_Handover] WBTS & "/" &

			CELLID
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
YXQTD22AHK26SECCB00HW01QK4	M1010C0	NUMBER	[PMMOResult_Inter_System_Handover] M1010C0
YXRCPMDAHK26SECCB00HW01QK4	M1010C1	NUMBER	[PMMOResult_Inter_System_Handover] M1010C1
YXRS05LAHK26SECCB00HW01QK4	M1010C2	NUMBER	[PMMOResult_Inter_System_Handover] M1010C2
YXSCD2TAHK26SECCB00HW01QK4	M1010C3	NUMBER	[PMMOResult_Inter_System_Handover] M1010C3
YXSSBC2AHK26SECCB00HW01QK4	M1010C4	NUMBER	[PMMOResult_Inter_System_Handover] M1010C4
YXTBOB2AHK26SECCB00HW01QK4	M1010C5	NUMBER	[PMMOResult_Inter_System_Handover] M1010C5
YXTQYO6AHK26SECCB00HW01QK4	M1010C6	NUMBER	[PMMOResult_Inter_System_Handover] M1010C6
YXUB0YHAHK26SECCB00HW01QK4	M1010C7	NUMBER	[PMMOResult_Inter_System_Handover] M1010C7
YXUQP6TAHK26SECCB00HW01QK4	M1010C8	NUMBER	[PMMOResult_Inter_System_Handover] M1010C8
YXVA4G6AHK26SECCB00HW01QK4	M1010C9	NUMBER	[PMMOResult_Inter_System_Handover] M1010C9
YXVPWQ6AHK26SECCB00HW01QK4	M1010C10	NUMBER	[PMMOResult_Inter_System_Handover] M1010C10
YXW6E1HAHK26SECCB00HW01QK4	M1010C11	NUMBER	[PMMOResult_Inter_System_Handover] M1010C11
YXWOTSTAHK26SECCB00HW01QK4	M1010C12	NUMBER	[PMMOResult_Inter_System_Handover] M1010C12
YXX5IL6AHK26SECCB00HW01QK4	M1010C13	NUMBER	[PMMOResult_Inter_System_Handover] M1010C13

This edition applies to IBM® Tivoli® Netcool® Performance Manager for Wireless and to all subsequent releases and modifications until otherwise indicated in new editions.

YXXP24DAHK26SECCB00H W01QK4	M1010C14	NUMBER	[PMMOResult_Inter_System_ Handover] M1010C14
YXY65Y6AHK26SECCB00H W01QK4	M1010C15	NUMBER	[PMMOResult_Inter_System_ Handover] M1010C15
YXYOU3HAHK26SECCB00H W01QK4	M1010C16	NUMBER	[PMMOResult_Inter_System_ Handover] M1010C16
YY05E3DAHK26SECCB00H W01QK4	M1010C17	NUMBER	[PMMOResult_Inter_System_ Handover] M1010C17
YY0NT5TAHK26SECCB00H W01QK4	M1010C18	NUMBER	[PMMOResult_Inter_System_ Handover] M1010C18
YY14BJLAHK26SECCB00HW 01QK4	M1010C19	NUMBER	[PMMOResult_Inter_System_ Handover] M1010C19
YY1MQ42AHK26SECCB00H W01QK4	M1010C20	NUMBER	[PMMOResult_Inter_System_ Handover] M1010C20
YY232QXAHK26SECCB00H W01QK4	M1010C21	NUMBER	[PMMOResult_Inter_System_ Handover] M1010C21
YY2LL3TAHK26SECCB00H W01QK4	M1010C22	NUMBER	[PMMOResult_Inter_System_ Handover] M1010C22
YY3253XAHK26SECCB00HW 01QK4	M1010C23	NUMBER	[PMMOResult_Inter_System_ Handover] M1010C23
YY3KTJXAHK26SECCB00H W01QK4	M1010C24	NUMBER	[PMMOResult_Inter_System_ Handover] M1010C24
YY41C3TAHK26SECCB00HW 01QK4	M1010C25	NUMBER	[PMMOResult_Inter_System_ Handover] M1010C25
YY4JUFTAHK26SECCB00HW 01QK4	M1010C26	NUMBER	[PMMOResult_Inter_System_ Handover] M1010C26
YY50CPXAHK26SECCB00H W01QK4	M1010C27	NUMBER	[PMMOResult_Inter_System_ Handover] M1010C27
YY5IWJ2AHK26SECCB00HW 01QK4	M1010C28	NUMBER	[PMMOResult_Inter_System_ Handover] M1010C28
YY60C3PAHK26SECCB00HW 01QK4	M1010C29	NUMBER	[PMMOResult_Inter_System_ Handover] M1010C29
YY6J5VDAHK26SECCB00H W01QK4	M1010C30	NUMBER	[PMMOResult_Inter_System_ Handover] M1010C30
YY6YTOXAHK26SECCB00H	M1010C31	NUMBER	[PMMOResult_Inter_System_

W01QK4			Handover] M1010C31
YYAIDE6AHK26SECCB00H W01QK4	M1010C32	NUMBER	[PMMOResult_Inter_System_ Handover] M1010C32
YYAXU26AHK26SECCB00H W01QK4	M1010C33	NUMBER	[PMMOResult_Inter_System_ Handover] M1010C33
YYBHB4XAHK26SECCB00H W01QK4	M1010C34	NUMBER	[PMMOResult_Inter_System_ Handover] M1010C34
YYBX12HAHK26SECCB00H W01QK4	M1010C35	NUMBER	[PMMOResult_Inter_System_ Handover] M1010C35
YYCLMVDAHK26SECCB00H W01QK4	M1010C36	NUMBER	[PMMOResult_Inter_System_ Handover] M1010C36
YYD2DFDAHK26SECCB00H W01QK4	M1010C37	NUMBER	[PMMOResult_Inter_System_ Handover] M1010C37
YYDKVTXAHK26SECCB00H W01QK4	M1010C38	NUMBER	[PMMOResult_Inter_System_ Handover] M1010C38
YYE1JJDAHK26SECCB00HW 01QK4	M1010C100	NUMBER	[PMMOResult_Inter_System_ Handover] M1010C100
YYEK0L2AHK26SECCB00H W01QK4	M1010C76	NUMBER	[PMMOResult_Inter_System_ Handover] M1010C76
YYF0LA2AHK26SECCB00H W01QK4	M1010C77	NUMBER	[PMMOResult_Inter_System_ Handover] M1010C77
YYFJ4YPAHK26SECCB00HW 01QK4	M1010C78	NUMBER	[PMMOResult_Inter_System_ Handover] M1010C78
YYGJR2HAHK26SECCB00H W01QK4	M1010C79	NUMBER	[PMMOResult_Inter_System_ Handover] M1010C79
YYH0KTTAHK26SECCB00H W01QK4	M1010C80	NUMBER	[PMMOResult_Inter_System_ Handover] M1010C80
YYHJ6RTAHK26SECCB00H W01QK4	M1010C81	NUMBER	[PMMOResult_Inter_System_ Handover] M1010C81
YYHYXFHAHK26SECCB00H W01QK4	M1010C82	NUMBER	[PMMOResult_Inter_System_ Handover] M1010C82

This edition applies to IBM® Tivoli® Netcool® Performance Manager for Wireless and to all subsequent releases and modifications until otherwise indicated in new editions.

YYIINFTAHK26SECCB00HW01QK4	M1010C90	NUMBER	[PMMOResult_Inter_System_Handover] M1010C90
YYIYBDDAHK26SECCB00HW01QK4	M1010C91	NUMBER	[PMMOResult_Inter_System_Handover] M1010C91
YYJHWYHAHK26SECCB00HW01QK4	INTER_SYSTEM_HHO_CS_RT_SUCCESS	NUMBER	[PMMOResult_Inter_System_Handover] M1010C92
YYJXUAPAHK26SECCB00HW01QK4	INTER_SYSTEM_HHO_PS_RT_SUCCESS	NUMBER	[PMMOResult_Inter_System_Handover] M1010C93
YYLI0B6AHK26SECCB00HW01QK4	M1010C94	NUMBER	[PMMOResult_Inter_System_Handover] M1010C94
YYLYHMXAHK26SECCB00HW01QK4	M1010C95	NUMBER	[PMMOResult_Inter_System_Handover] M1010C95
YYMIL2XAHK26SECCB00HW01QK4	M1010C96	NUMBER	[PMMOResult_Inter_System_Handover] M1010C96
YYN0NHPAHK26SECCB00HW01QK4	M1010C97	NUMBER	[PMMOResult_Inter_System_Handover] M1010C97
YYNJCVDAHK26SECCB00HW01QK4	M1010C98	NUMBER	[PMMOResult_Inter_System_Handover] M1010C98
YYO5ELHAHK26SECCB00HW01QK4	M1010C99	NUMBER	[PMMOResult_Inter_System_Handover] M1010C99
XVM0PNTAFQ2AHDVUJ02UAUIBEV	M1010C101	NUMBER	[PMMOResult_Inter_System_Handover] M1010C101
XVM0PNVAFQ2AHDVUJ02UAUIBEV	M1010C102	NUMBER	[PMMOResult_Inter_System_Handover] M1010C102
XVM0PNXAFQ2AHDVUJ02UAUIBEV	M1010C103	NUMBER	[PMMOResult_Inter_System_Handover] M1010C103
XVM0PO0AFQ2AHDVUJ02UAUIBEV	M1010C104	NUMBER	[PMMOResult_Inter_System_Handover] M1010C104
XVM0PO2AFQ2AHDVUJ02UAUIBEV	M1010C105	NUMBER	[PMMOResult_Inter_System_Handover] M1010C105
XVM0POLAFQ2AHDVUJ02UAUIBEV	M1010C113	NUMBER	[PMMOResult_Inter_System_Handover] M1010C113
XVM0PONAFQ2AHDVUJ02UAUIBEV	M1010C114	NUMBER	[PMMOResult_Inter_System_Handover] M1010C114
XVM0POPAFQ2AHDVUJ02U	M1010C115	NUMBER	[PMMOResult_Inter_System_

AUIBEV			Handover] M1010C115
XVM0PORAFQ2AHDVUJ02U AUIBEV	M1010C116	NUMBER	[PMMOResult_Inter_System_ Handover] M1010C116
XVM0POTAFQ2AHDVUJ02U AUIBEV	M1010C117	NUMBER	[PMMOResult_Inter_System_ Handover] M1010C117
Y2LNTMBAFQ2AHDVUJ02U AUIBEV	M1010C125	NUMBER	[PMMOResult_Inter_System_ Handover] M1010C125
Y2LNTMDAFQ2AHDVUJ02U AUIBEV	M1010C126	NUMBER	[PMMOResult_Inter_System_ Handover] M1010C126
Y2LNTMFAFQ2AHDVUJ02U AUIBEV	M1010C127	NUMBER	[PMMOResult_Inter_System_ Handover] M1010C127
Y2LNTMHAFQ2AHDVUJ02U AUIBEV	M1010C128	NUMBER	[PMMOResult_Inter_System_ Handover] M1010C128
Y2LNTMJAFQ2AHDVUJ02U AUIBEV	M1010C129	NUMBER	[PMMOResult_Inter_System_ Handover] M1010C129
Y2LNTN0AFQ2AHDVUJ02U AUIBEV	M1010C137	NUMBER	[PMMOResult_Inter_System_ Handover] M1010C137
Y2LNTN2AFQ2AHDVUJ02U AUIBEV	M1010C138	NUMBER	[PMMOResult_Inter_System_ Handover] M1010C138
Y2LNTN4AFQ2AHDVUJ02U AUIBEV	M1010C139	NUMBER	[PMMOResult_Inter_System_ Handover] M1010C139
Y2LNTN6AFQ2AHDVUJ02U AUIBEV	M1010C140	NUMBER	[PMMOResult_Inter_System_ Handover] M1010C140
Y2LNTNBAFQ2AHDVUJ02U AUIBEV	M1010C141	NUMBER	[PMMOResult_Inter_System_ Handover] M1010C141
Y2LNTNRAFQ2AHDVUJ02U AUIBEV	M1010C149	NUMBER	[PMMOResult_Inter_System_ Handover] M1010C149
Y2LNTNTAFQ2AHDVUJ02U AUIBEV	M1010C150	NUMBER	[PMMOResult_Inter_System_ Handover] M1010C150
Y2LNTNVAFQ2AHDVUJ02U AUIBEV	M1010C151	NUMBER	[PMMOResult_Inter_System_ Handover] M1010C151

This edition applies to IBM® Tivoli® Netcool® Performance Manager for Wireless and to all subsequent releases and modifications until otherwise indicated in new editions.

Y2LNTNXAFQ2AHDVUJ02UAUIBEV	M1010C152	NUMBER	[PMMOResult_Inter_System_Handover] M1010C152
Y2LNTO0AFQ2AHDVUJ02UAUIBEV	M1010C153	NUMBER	[PMMOResult_Inter_System_Handover] M1010C153
Y2LNTOJAFQ2AHDVUJ02UAUIBEV	M1010C161	NUMBER	[PMMOResult_Inter_System_Handover] M1010C161
Y2LNTOLAFQ2AHDVUJ02UAUIBEV	M1010C162	NUMBER	[PMMOResult_Inter_System_Handover] M1010C162
Y2LNTONAFQ2AHDVUJ02UAUIBEV	M1010C163	NUMBER	[PMMOResult_Inter_System_Handover] M1010C163
Y2LNTOPAFQ2AHDVUJ02UAUIBEV	M1010C164	NUMBER	[PMMOResult_Inter_System_Handover] M1010C164
Y2LNTORAFQ2AHDVUJ02UAUIBEV	M1010C165	NUMBER	[PMMOResult_Inter_System_Handover] M1010C165
Y2LNTPBAFQ2AHDVUJ02UAUIBEV	M1010C173	NUMBER	[PMMOResult_Inter_System_Handover] M1010C173
Y2LNTPDAFQ2AHDVUJ02UAUIBEV	M1010C174	NUMBER	[PMMOResult_Inter_System_Handover] M1010C174
Y2LNTPFAFQ2AHDVUJ02UAUIBEV	M1010C175	NUMBER	[PMMOResult_Inter_System_Handover] M1010C175
YBMRNIVAFQ2AHDVUJ02UAUIBEV	M1010C176	NUMBER	[PMMOResult_Inter_System_Handover] M1010C176
YBMRNIXAFQ2AHDVUJ02UAUIBEV	M1010C177	NUMBER	[PMMOResult_Inter_System_Handover] M1010C177
UGPUGVP1IM2AHSXR0035XKCUAI	M1010C185	NUMBER	[PMMOResult_Inter_System_Handover] M1010C185
UGPUGVR1IM2AHSXR0035XKCUAI	M1010C186	NUMBER	[PMMOResult_Inter_System_Handover] M1010C186
UGPUGVV1IM2AHSXR0035XKCUAI	M1010C187	NUMBER	[PMMOResult_Inter_System_Handover] M1010C187
UGPUGVX1IM2AHSXR0035XKCUAI	M1010C188	NUMBER	[PMMOResult_Inter_System_Handover] M1010C188
UGPUGW01IM2AHSXR0035XKCUAI	M1010C189	NUMBER	[PMMOResult_Inter_System_Handover] M1010C189
UGPUGW21IM2AHSXR0035X	M1010C190	NUMBER	[PMMOResult_Inter_System_

KCUAI			Handover] M1010C190
UGPUGW41IM2AHSXR0035X KCUAI	M1010C191	NUMBER	[PMMOResult_Inter_System_ Handover] M1010C191
UGPUGW61IM2AHSXR0035X KCUAI	M1010C192	NUMBER	[PMMOResult_Inter_System_ Handover] M1010C192
UGPUGWB1IM2AHSXR0035 XKCUAI	M1010C193	NUMBER	[PMMOResult_Inter_System_ Handover] M1010C193
UGPUGWD1IM2AHSXR0035 XKCUAI	M1010C194	NUMBER	[PMMOResult_Inter_System_ Handover] M1010C194
UGPUGWF1IM2AHSXR0035 XKCUAI	M1010C195	NUMBER	[PMMOResult_Inter_System_ Handover] M1010C195
UGPUGWH1IM2AHSXR0035 XKCUAI	M1010C196	NUMBER	[PMMOResult_Inter_System_ Handover] M1010C196
UGPUGWJ1IM2AHSXR0035X KCUAI	M1010C197	NUMBER	[PMMOResult_Inter_System_ Handover] M1010C197
UGPUGWL1IM2AHSXR0035 XKCUAI	M1010C198	NUMBER	[PMMOResult_Inter_System_ Handover] M1010C198
UGPUGWR1IM2AHSXR0035 XKCUAI	M1010C199	NUMBER	[PMMOResult_Inter_System_ Handover] M1010C199
UGPUGWT1IM2AHSXR0035 XKCUAI	M1010C200	NUMBER	[PMMOResult_Inter_System_ Handover] M1010C200
UGPUGWV1IM2AHSXR0035 XKCUAI	M1010C201	NUMBER	[PMMOResult_Inter_System_ Handover] M1010C201
UGPUGWX1IM2AHSXR0035 XKCUAI	M1010C202	NUMBER	[PMMOResult_Inter_System_ Handover] M1010C202
XDRXAVBDMM2AICSD002U AXYBDK	M1010C203	NUMBER	[PMMOResult_Inter_System_ Handover] M1010C203
XDRXAVDDMM2AICSD002U AXYBDK	M1010C204	NUMBER	[PMMOResult_Inter_System_ Handover] M1010C204
XDRXAVFDMM2AICSD002U AXYBDK	M1010C205	NUMBER	[PMMOResult_Inter_System_ Handover] M1010C205

This edition applies to IBM® Tivoli® Netcool® Performance Manager for Wireless and to all subsequent releases and modifications until otherwise indicated in new editions.

XDRXAVHDMM2AICSD002UAXYBDK	M1010C206	NUMBER	[PMMOResult_Inter_System_Handover] M1010C206
XDRXAVJDMM2AICSD002UAXYBDK	M1010C207	NUMBER	[PMMOResult_Inter_System_Handover] M1010C207
XDRXAVLDMM2AICSD002UAXYBDK	M1010C208	NUMBER	[PMMOResult_Inter_System_Handover] M1010C208

7.8.33 NOK_NKCEL_INTRAHHOINNRT_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
CELL_ID		VARCHAR2(50)	[PMMOResult_Intra_System_Handover] WBTS & "/" & CELLID
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
R1NU5F6AHL26SECCB00HW01QK4	M1008C9	NUMBER	[PMMOResult_Intra_System_Handover] M1008C9
R1OFGEXAHL26SECCB00HW01QK4	M1008C10	NUMBER	[PMMOResult_Intra_System_Handover] M1008C10
R1OWAIDAHL26SECCB00HW01QK4	M1008C66	NUMBER	[PMMOResult_Intra_System_Handover] M1008C66
R1PGOD6AHL26SECCB00HW01QK4	M1008C11	NUMBER	[PMMOResult_Intra_System_Handover] M1008C11
R1PXAFPAHL26SECCB00HW01QK4	M1008C12	NUMBER	[PMMOResult_Intra_System_Handover] M1008C12
R1QHUV2AHL26SECCB00HW01QK4	M1008C13	NUMBER	[PMMOResult_Intra_System_Handover] M1008C13
R1QYW2XAHL26SECCB00HW01QK4	M1008C15	NUMBER	[PMMOResult_Intra_System_Handover] M1008C15
R1RKCSXAHL26SECCB00HW01QK4	M1008C14	NUMBER	[PMMOResult_Intra_System_Handover] M1008C14
R1S25CPAHL26SECCB00HW01QK4	M1008C16	NUMBER	[PMMOResult_Intra_System_Handover] M1008C16
R1SMK4LAHL26SECCB00HW01QK4	M1008C17	NUMBER	[PMMOResult_Intra_System_Handover] M1008C17

7.8.34 NOK_NKCEL_INTRAHHOINRT_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
CELL_ID		VARCHAR2(50)	[PMMOResult_Intra_System_Handover] WBTS & "/" & CELLID
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
R1T4VLXAHL26SECCB00HW01QK4	M1008C0	NUMBER	[PMMOResult_Intra_System_Handover] M1008C0
R1TP1C2AHL26SECCB00HW01QK4	M1008C1	NUMBER	[PMMOResult_Intra_System_Handover] M1008C1
R1U6T4HAHL26SECCB00HW01QK4	M1008C18	NUMBER	[PMMOResult_Intra_System_Handover] M1008C18
R1UQDNDAHL26SECCB00HW01QK4	M1008C4	NUMBER	[PMMOResult_Intra_System_Handover] M1008C4
R1VBHWXAHL26SECCB00HW01QK4	M1008C5	NUMBER	[PMMOResult_Intra_System_Handover] M1008C5
R1VSKR2AHL26SECCB00HW01QK4	M1008C6	NUMBER	[PMMOResult_Intra_System_Handover] M1008C6
R1WDP0HAHL26SECCB00HW01QK4	M1008C7	NUMBER	[PMMOResult_Intra_System_Handover] M1008C7
R1WV1FDAHL26SECCB00HW01QK4	M1008C8	NUMBER	[PMMOResult_Intra_System_Handover] M1008C8
R1XFQNLAHL26SECCB00HW01QK4	M1008C2	NUMBER	[PMMOResult_Intra_System_Handover] M1008C2
R1XX4U6AHL26SECCB00HW01QK4	M1008C3	NUMBER	[PMMOResult_Intra_System_Handover] M1008C3

7.8.35 NOK_NKCEL_INTRAHHOINTRT_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping

CELL_ID		VARCHAR2(50)	[PMMOResult_Intra_System_Handover] WBTS & "/" & CELLID
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
R0Q36I2AHL26SECCB00HW01QK4	M1008C19	NUMBER	[PMMOResult_Intra_System_Handover] M1008C19
R0QMJC6AHL26SECCB00HW01QK4	M1008C20	NUMBER	[PMMOResult_Intra_System_Handover] M1008C20
R0R3RKDAHL26SECCB00HW01QK4	M1008C21	NUMBER	[PMMOResult_Intra_System_Handover] M1008C21
R0RNUMLAHL26SECCB00HW01QK4	M1008C22	NUMBER	[PMMOResult_Intra_System_Handover] M1008C22
R0SE45HAHL26SECCB00HW01QK4	M1008C23	NUMBER	[PMMOResult_Intra_System_Handover] M1008C23
R0SU666AHL26SECCB00HW01QK4	M1008C24	NUMBER	[PMMOResult_Intra_System_Handover] M1008C24
R0TEANTAHL26SECCB00HW01QK4	M1008C25	NUMBER	[PMMOResult_Intra_System_Handover] M1008C25
R0TUD6HAHL26SECCB00HW01QK4	M1008C26	NUMBER	[PMMOResult_Intra_System_Handover] M1008C26
R0UEHD2AHL26SECCB00HW01QK4	M1008C27	NUMBER	[PMMOResult_Intra_System_Handover] M1008C27
R0UUMWTAHL26SECCB00HW01QK4	M1008C28	NUMBER	[PMMOResult_Intra_System_Handover] M1008C28
R0VEPMTAHL26SECCB00HW01QK4	M1008C29	NUMBER	[PMMOResult_Intra_System_Handover] M1008C29
R0VUYR2AHL26SECCB00HW01QK4	M1008C30	NUMBER	[PMMOResult_Intra_System_Handover] M1008C30
R0WG4YPAHL26SECCB00HW01QK4	M1008C31	NUMBER	[PMMOResult_Intra_System_Handover] M1008C31
R0WWCD6AHL26SECCB00HW01QK4	M1008C32	NUMBER	[PMMOResult_Intra_System_Handover] M1008C32
R0XGHY6AHL26SECCB00HW01QK4	M1008C33	NUMBER	[PMMOResult_Intra_System_Handover] M1008C33

R0Y2RSDAHL26SECCB00HW01QK4	M1008C34	NUMBER	[PMMOResult_Intra_System_Handover] M1008C34
R10C0LLAHL26SECCB00HW01QK4	M1008C35	NUMBER	[PMMOResult_Intra_System_Handover] M1008C35
R10T2C2AHL26SECCB00HW01QK4	M1008C36	NUMBER	[PMMOResult_Intra_System_Handover] M1008C36
R11EEHXAHL26SECCB00HW01QK4	M1008C37	NUMBER	[PMMOResult_Intra_System_Handover] M1008C37
R11V34TAHL26SECCB00HW01QK4	M1008C38	NUMBER	[PMMOResult_Intra_System_Handover] M1008C38
R12FS2HAHL26SECCB00HW01QK4	M1008C39	NUMBER	[PMMOResult_Intra_System_Handover] M1008C39
R12VVT6AHL26SECCB00HW01QK4	M1008C40	NUMBER	[PMMOResult_Intra_System_Handover] M1008C40
R13NR1XAHL26SECCB00HW01QK4	M1008C41	NUMBER	[PMMOResult_Intra_System_Handover] M1008C41
R145CF2AHL26SECCB00HW01QK4	M1008C42	NUMBER	[PMMOResult_Intra_System_Handover] M1008C42
R14OQL6AHL26SECCB00HW01QK4	M1008C43	NUMBER	[PMMOResult_Intra_System_Handover] M1008C43
R15A2YXAHL26SECCB00HW01QK4	M1008C44	NUMBER	[PMMOResult_Intra_System_Handover] M1008C44
R15QI1DAHL26SECCB00HW01QK4	M1008C45	NUMBER	[PMMOResult_Intra_System_Handover] M1008C45
R16ATRPAHL26SECCB00HW01QK4	M1008C46	NUMBER	[PMMOResult_Intra_System_Handover] M1008C46
R16R5DLAHL26SECCB00HW01QK4	M1008C47	NUMBER	[PMMOResult_Intra_System_Handover] M1008C47
R1ABB3PAHL26SECCB00HW01QK4	M1008C48	NUMBER	[PMMOResult_Intra_System_Handover] M1008C48
R1ARTILAHL26SECCB00H	M1008C49	NUMBER	[PMMOResult_Intra_System_

This edition applies to IBM® Tivoli® Netcool® Performance Manager for Wireless and to all subsequent releases and modifications until otherwise indicated in new editions.

W01QK4			Handover] M1008C49
R1BD1IHAHL26SECCB00H W01QK4	M1008C50	NUMBER	[PMMOResult_Intra_System_ Handover] M1008C50
R1BTLB2AHL26SECCB00H W01QK4	M1008C51	NUMBER	[PMMOResult_Intra_System_ Handover] M1008C51
R1CE1MPAHL26SECCB00H W01QK4	M1008C52	NUMBER	[PMMOResult_Intra_System_ Handover] M1008C52
R1CUEX2AHL26SECCB00H W01QK4	M1008C53	NUMBER	[PMMOResult_Intra_System_ Handover] M1008C53
R1DEOUDAHL26SECCB00H W01QK4	M1008C54	NUMBER	[PMMOResult_Intra_System_ Handover] M1008C54
R1DUYKPAHL26SECCB00H W01QK4	M1008C55	NUMBER	[PMMOResult_Intra_System_ Handover] M1008C55
R1EF5M6AHL26SECCB00H W01QK4	M1008C56	NUMBER	[PMMOResult_Intra_System_ Handover] M1008C56
R1EWN2HAHL26SECCB00H W01QK4	M1008C57	NUMBER	[PMMOResult_Intra_System_ Handover] M1008C57
R1FH2ADAHL26SECCB00H W01QK4	M1008C58	NUMBER	[PMMOResult_Intra_System_ Handover] M1008C58
R1FXMWXAHL26SECCB00 HW01QK4	M1008C59	NUMBER	[PMMOResult_Intra_System_ Handover] M1008C59
R1GIKTLAHL26SECCB00H W01QK4	M1008C60	NUMBER	[PMMOResult_Intra_System_ Handover] M1008C60
R1H0LDXAHL26SECCB00H W01QK4	M1008C61	NUMBER	[PMMOResult_Intra_System_ Handover] M1008C61
R1HJV5PAHL26SECCB00H W01QK4	M1008C62	NUMBER	[PMMOResult_Intra_System_ Handover] M1008C62
R1I1QJHAHL26SECCB00HW 01QK4	M1008C63	NUMBER	[PMMOResult_Intra_System_ Handover] M1008C63
R1ILERXAHL26SECCB00H W01QK4	M1008C64	NUMBER	[PMMOResult_Intra_System_ Handover] M1008C64
R1J2OW2AHL26SECCB00H W01QK4	M1008C65	NUMBER	[PMMOResult_Intra_System_ Handover] M1008C65
R1JLYB6AHL26SECCB00H W01QK4	M1008C115	NUMBER	[PMMOResult_Intra_System_ Handover] M1008C115

R1K3EVXAHL26SECCB00HW01QK4	M1008C116	NUMBER	[PMMOResult_Intra_System_Handover] M1008C116
R1KMT0LAHL26SECCB00HW01QK4	M1008C117	NUMBER	[PMMOResult_Intra_System_Handover] M1008C117
R1LROQTAHL26SECCB00HW01QK4	M1008C118	NUMBER	[PMMOResult_Intra_System_Handover] M1008C118
R1MBXUHAHL26SECCB00HW01QK4	M1008C119	NUMBER	[PMMOResult_Intra_System_Handover] M1008C119
R1MSE4XAHL26SECCB00HW01QK4	M1008C120	NUMBER	[PMMOResult_Intra_System_Handover] M1008C120
R1NCPVDAHL26SECCB00HW01QK4	M1008C121	NUMBER	[PMMOResult_Intra_System_Handover] M1008C121
XDI26MDAFQ2AHDVUJ02UAUIBEV	M1008C129	NUMBER	[PMMOResult_Intra_System_Handover] M1008C129
XDI26MFAFQ2AHDVUJ02UAUIBEV	M1008C130	NUMBER	[PMMOResult_Intra_System_Handover] M1008C130
XDI26MHAFQ2AHDVUJ02UAUIBEV	M1008C131	NUMBER	[PMMOResult_Intra_System_Handover] M1008C131
XDI26MJAFQ2AHDVUJ02UAUIBEV	M1008C132	NUMBER	[PMMOResult_Intra_System_Handover] M1008C132
XDI26MLAFQ2AHDVUJ02UAUIBEV	M1008C133	NUMBER	[PMMOResult_Intra_System_Handover] M1008C133
XDI26N2AFQ2AHDVUJ02UAUIBEV	M1008C141	NUMBER	[PMMOResult_Intra_System_Handover] M1008C141
XDI26N4AFQ2AHDVUJ02UAUIBEV	M1008C142	NUMBER	[PMMOResult_Intra_System_Handover] M1008C142
XDI26N6AFQ2AHDVUJ02UAUIBEV	M1008C143	NUMBER	[PMMOResult_Intra_System_Handover] M1008C143
XDI26NBAFQ2AHDVUJ02UAUIBEV	M1008C144	NUMBER	[PMMOResult_Intra_System_Handover] M1008C144
XDI26NDAFQ2AHDVUJ02U	M1008C145	NUMBER	[PMMOResult_Intra_System_

This edition applies to IBM® Tivoli® Netcool® Performance Manager for Wireless and to all subsequent releases and modifications until otherwise indicated in new editions.

AUIBEV			Handover] M1008C145
XJIVIA4AFQ2AHDVUJ02UAUIBEV	M1008C153	NUMBER	[PMMOResult_Intra_System_Handover] M1008C153
XJIVIA6AFQ2AHDVUJ02UAUIBEV	M1008C154	NUMBER	[PMMOResult_Intra_System_Handover] M1008C154
XJIVIABAFQ2AHDVUJ02UAUIBEV	M1008C155	NUMBER	[PMMOResult_Intra_System_Handover] M1008C155
XJIVIADAFQ2AHDVUJ02UAUIBEV	M1008C156	NUMBER	[PMMOResult_Intra_System_Handover] M1008C156
XJIVIAFAFQ2AHDVUJ02UAUIBEV	M1008C157	NUMBER	[PMMOResult_Intra_System_Handover] M1008C157
XJIVIAVAFQ2AHDVUJ02UAUIBEV	M1008C165	NUMBER	[PMMOResult_Intra_System_Handover] M1008C165
XJIVIAXAFQ2AHDVUJ02UAUIBEV	M1008C166	NUMBER	[PMMOResult_Intra_System_Handover] M1008C166
XJIVIB0AFQ2AHDVUJ02UAUIBEV	M1008C167	NUMBER	[PMMOResult_Intra_System_Handover] M1008C167
XJIVIB2AFQ2AHDVUJ02UAUIBEV	M1008C168	NUMBER	[PMMOResult_Intra_System_Handover] M1008C168
XJIVIB4AFQ2AHDVUJ02UAUIBEV	M1008C169	NUMBER	[PMMOResult_Intra_System_Handover] M1008C169
XJIVIBNAFQ2AHDVUJ02UAUIBEV	M1008C177	NUMBER	[PMMOResult_Intra_System_Handover] M1008C177
XJIVIBPAFQ2AHDVUJ02UAUIBEV	M1008C178	NUMBER	[PMMOResult_Intra_System_Handover] M1008C178
XJIVIBRAFQ2AHDVUJ02UAUIBEV	M1008C179	NUMBER	[PMMOResult_Intra_System_Handover] M1008C179
XJIVIBTAFQ2AHDVUJ02UAUIBEV	M1008C180	NUMBER	[PMMOResult_Intra_System_Handover] M1008C180
XJIVIBVAFQ2AHDVUJ02UAUIBEV	M1008C181	NUMBER	[PMMOResult_Intra_System_Handover] M1008C181
XJIVICFAFQ2AHDVUJ02UAUIBEV	M1008C189	NUMBER	[PMMOResult_Intra_System_Handover] M1008C189
XJIVICHAFQ2AHDVUJ02UAUIBEV	M1008C190	NUMBER	[PMMOResult_Intra_System_Handover] M1008C190

XJIVICJAFQ2AHDVUJ02UA UIBEV	M1008C191	NUMBER	[PMMOResult_Intra_System_ Handover] M1008C191
XJIVICLAFQ2AHDVUJ02UA UIBEV	M1008C192	NUMBER	[PMMOResult_Intra_System_ Handover] M1008C192
XJIVICNAFQ2AHDVUJ02U AUIBEV	M1008C193	NUMBER	[PMMOResult_Intra_System_ Handover] M1008C193
XJIVID4AFQ2AHDVUJ02UA UIBEV	M1008C201	NUMBER	[PMMOResult_Intra_System_ Handover] M1008C201
XJIVID6AFQ2AHDVUJ02UA UIBEV	M1008C202	NUMBER	[PMMOResult_Intra_System_ Handover] M1008C202
XJIVIDBAFQ2AHDVUJ02U AUIBEV	M1008C203	NUMBER	[PMMOResult_Intra_System_ Handover] M1008C203
XJIVIDDAFQ2AHDVUJ02U AUIBEV	M1008C204	NUMBER	[PMMOResult_Intra_System_ Handover] M1008C204
XJIVIDFAFQ2AHDVUJ02UA UIBEV	M1008C205	NUMBER	[PMMOResult_Intra_System_ Handover] M1008C205
UAQAD5N1IM2AHSXR0035 XKCUAI	M1008C225	NUMBER	[PMMOResult_Intra_System_ Handover] M1008C225
UAQAD5P1IM2AHSXR0035 XKCUAI	M1008C226	NUMBER	[PMMOResult_Intra_System_ Handover] M1008C226
UAQAD5R1IM2AHSXR0035 XKCUAI	M1008C227	NUMBER	[PMMOResult_Intra_System_ Handover] M1008C227
UAQAD5T1IM2AHSXR0035 XKCUAI	M1008C228	NUMBER	[PMMOResult_Intra_System_ Handover] M1008C228
UAQAD5V1IM2AHSXR0035 XKCUAI	M1008C229	NUMBER	[PMMOResult_Intra_System_ Handover] M1008C229
UAQAD5X1IM2AHSXR0035 XKCUAI	M1008C230	NUMBER	[PMMOResult_Intra_System_ Handover] M1008C230
UAQAD601IM2AHSXR0035 XKCUAI	M1008C231	NUMBER	[PMMOResult_Intra_System_ Handover] M1008C231
UAQAD621IM2AHSXR0035	M1008C232	NUMBER	[PMMOResult_Intra_System_

This edition applies to IBM® Tivoli® Netcool® Performance Manager for Wireless and to all subsequent releases and modifications until otherwise indicated in new editions.

XKCUAI			Handover] M1008C232
UAQAD641IM2AHSXR0035XKCUAI	M1008C233	NUMBER	[PMMOResult_Intra_System_Handover] M1008C233
UAQAD661IM2AHSXR0035XKCUAI	M1008C234	NUMBER	[PMMOResult_Intra_System_Handover] M1008C234
UAQAD6F1IM2AHSXR0035XKCUAI	M1008C235	NUMBER	[PMMOResult_Intra_System_Handover] M1008C235
UAQAD6H1IM2AHSXR0035XKCUAI	M1008C236	NUMBER	[PMMOResult_Intra_System_Handover] M1008C236
UAQAD6J1IM2AHSXR0035XKCUAI	M1008C237	NUMBER	[PMMOResult_Intra_System_Handover] M1008C237
UAQAD6L1IM2AHSXR0035XKCUAI	M1008C238	NUMBER	[PMMOResult_Intra_System_Handover] M1008C238

7.8.36 NOK_NKCEL_INTRAINTERNRT_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
CELL_ID		VARCHAR2(50)	[PMMOResult_Intra_System_Handover] WBTS & "/" & CELLID
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
YYSNIYLAHK26SECCB00HW01QK4	M1008C67	NUMBER	[PMMOResult_Intra_System_Handover] M1008C67
YYT4D3TAHK26SECCB00HW01QK4	M1008C68	NUMBER	[PMMOResult_Intra_System_Handover] M1008C68
YYTN3YDAHK26SECCB00HW01QK4	M1008C69	NUMBER	[PMMOResult_Intra_System_Handover] M1008C69
YYU40QXAHK26SECCB00HW01QK4	M1008C70	NUMBER	[PMMOResult_Intra_System_Handover] M1008C70
YYUMW5DAHK26SECCB00HW01QK4	M1008C71	NUMBER	[PMMOResult_Intra_System_Handover] M1008C71
YYV4L2HAHK26SECCB00HW01QK4	M1008C72	NUMBER	[PMMOResult_Intra_System_Handover] M1008C72
YYVNR5TAHK26SECCB00H	M1008C73	NUMBER	[PMMOResult_Intra_System_

W01QK4			Handover] M1008C73
YYW4UJHAHK26SECCB00H W01QK4	M1008C74	NUMBER	[PMMOResult_Intra_System_ Handover] M1008C74
YYWNT4HAHK26SECCB00H W01QK4	M1008C75	NUMBER	[PMMOResult_Intra_System_ Handover] M1008C75
YYX4VFPAHK26SECCB00H W01QK4	M1008C76	NUMBER	[PMMOResult_Intra_System_ Handover] M1008C76
YYXNSU6AHK26SECCB00H W01QK4	M1008C77	NUMBER	[PMMOResult_Intra_System_ Handover] M1008C77
YYY4PC6AHK26SECCB00H W01QK4	M1008C78	NUMBER	[PMMOResult_Intra_System_ Handover] M1008C78
YYYRA62AHK26SECCB00H W01QK4	M1008C79	NUMBER	[PMMOResult_Intra_System_ Handover] M1008C79
R00BUCLAHL26SECCB00H W01QK4	M1008C80	NUMBER	[PMMOResult_Intra_System_ Handover] M1008C80
R00S56TAHL26SECCB00HW 01QK4	M1008C81	NUMBER	[PMMOResult_Intra_System_ Handover] M1008C81
R01C50DAHL26SECCB00HW 01QK4	M1008C82	NUMBER	[PMMOResult_Intra_System_ Handover] M1008C82
R01S30DAHL26SECCB00HW 01QK4	M1008C83	NUMBER	[PMMOResult_Intra_System_ Handover] M1008C83
R02CAEHAHL26SECCB00H W01QK4	M1008C84	NUMBER	[PMMOResult_Intra_System_ Handover] M1008C84
R02T0HDAHL26SECCB00H W01QK4	M1008C85	NUMBER	[PMMOResult_Intra_System_ Handover] M1008C85
R03D32HAHL26SECCB00HW 01QK4	M1008C86	NUMBER	[PMMOResult_Intra_System_ Handover] M1008C86
R03T1AHAHL26SECCB00H W01QK4	M1008C87	NUMBER	[PMMOResult_Intra_System_ Handover] M1008C87
R04DTR2AHL26SECCB00H W01QK4	M1008C88	NUMBER	[PMMOResult_Intra_System_ Handover] M1008C88

This edition applies to IBM® Tivoli® Netcool® Performance Manager for Wireless and to all subsequent releases and modifications until otherwise indicated in new editions.

R04U5JTAHL26SECCB00HW01QK4	M1008C89	NUMBER	[PMMOResult_Intra_System_Handover] M1008C89
R05EOHLAHL26SECCB00HW01QK4	M1008C90	NUMBER	[PMMOResult_Intra_System_Handover] M1008C90
R05VLD2AHL26SECCB00HW01QK4	M1008C91	NUMBER	[PMMOResult_Intra_System_Handover] M1008C91
R06G0Q2AHL26SECCB00HW01QK4	M1008C92	NUMBER	[PMMOResult_Intra_System_Handover] M1008C92
R06X3RPAHL26SECCB00HW01QK4	M1008C93	NUMBER	[PMMOResult_Intra_System_Handover] M1008C93
R0AIVDHAHL26SECCB00HW01QK4	M1008C94	NUMBER	[PMMOResult_Intra_System_Handover] M1008C94
R0BCSCXAHL26SECCB00HW01QK4	M1008C95	NUMBER	[PMMOResult_Intra_System_Handover] M1008C95
R0BUTMPAHL26SECCB00HW01QK4	M1008C96	NUMBER	[PMMOResult_Intra_System_Handover] M1008C96
R0CFTBLAHL26SECCB00HW01QK4	M1008C97	NUMBER	[PMMOResult_Intra_System_Handover] M1008C97
R0CX5CTAHL26SECCB00HW01QK4	M1008C98	NUMBER	[PMMOResult_Intra_System_Handover] M1008C98
R0DIO1PAHL26SECCB00HW01QK4	M1008C99	NUMBER	[PMMOResult_Intra_System_Handover] M1008C99
R0E1OJLAHL26SECCB00HW01QK4	M1008C100	NUMBER	[PMMOResult_Intra_System_Handover] M1008C100
R0ENAJ2AHL26SECCB00HW01QK4	M1008C101	NUMBER	[PMMOResult_Intra_System_Handover] M1008C101
R0F61O2AHL26SECCB00HW01QK4	M1008C102	NUMBER	[PMMOResult_Intra_System_Handover] M1008C102
R0FQJ2HAHL26SECCB00HW01QK4	M1008C103	NUMBER	[PMMOResult_Intra_System_Handover] M1008C103
R0GCLVXAHL26SECCB00HW01QK4	M1008C104	NUMBER	[PMMOResult_Intra_System_Handover] M1008C104
R0GUMT6AHL26SECCB00HW01QK4	M1008C105	NUMBER	[PMMOResult_Intra_System_Handover] M1008C105
R0HH54HAHL26SECCB00H	M1008C106	NUMBER	[PMMOResult_Intra_System_

W01QK4			Handover] M1008C106
R0I0A4PAHL26SECCB00HW01QK4	M1008C107	NUMBER	[PMMOResult_Intra_System_Handover] M1008C107
R0IKC2PAHL26SECCB00HW01QK4	M1008C108	NUMBER	[PMMOResult_Intra_System_Handover] M1008C108
R0J31UXAHL26SECCB00HW01QK4	M1008C109	NUMBER	[PMMOResult_Intra_System_Handover] M1008C109
R0JNUE2AHL26SECCB00HW01QK4	M1008C110	NUMBER	[PMMOResult_Intra_System_Handover] M1008C110
R0KASBHAHL26SECCB00HW01QK4	M1008C111	NUMBER	[PMMOResult_Intra_System_Handover] M1008C111
R0KT1EPAHL26SECCB00HW01QK4	M1008C112	NUMBER	[PMMOResult_Intra_System_Handover] M1008C112
R0LELA6AHL26SECCB00HW01QK4	M1008C113	NUMBER	[PMMOResult_Intra_System_Handover] M1008C113
R0LVVHTAHL26SECCB00HW01QK4	M1008C122	NUMBER	[PMMOResult_Intra_System_Handover] M1008C122
R0MG236AHL26SECCB00HW01QK4	M1008C123	NUMBER	[PMMOResult_Intra_System_Handover] M1008C123
R0MWAO2AHL26SECCB00HW01QK4	M1008C124	NUMBER	[PMMOResult_Intra_System_Handover] M1008C124
R0O0D1DAHL26SECCB00HW01QK4	M1008C125	NUMBER	[PMMOResult_Intra_System_Handover] M1008C125
R0OK006AHL26SECCB00HW01QK4	M1008C126	NUMBER	[PMMOResult_Intra_System_Handover] M1008C126
R0P1PK6AHL26SECCB00HW01QK4	M1008C127	NUMBER	[PMMOResult_Intra_System_Handover] M1008C127
R0PLMSTAHL26SECCB00HW01QK4	M1008C128	NUMBER	[PMMOResult_Intra_System_Handover] M1008C128
XDI26MNAFQ2AHDVUJ02UAUIBEV	M1008C134	NUMBER	[PMMOResult_Intra_System_Handover] M1008C134

This edition applies to IBM® Tivoli® Netcool® Performance Manager for Wireless and to all subsequent releases and modifications until otherwise indicated in new editions.

XDI26MPAFQ2AHDVUJ02UAUIBEV	M1008C135	NUMBER	[PMMOResult_Intra_System_Handover] M1008C135
XDI26MRAFQ2AHDVUJ02UAUIBEV	M1008C136	NUMBER	[PMMOResult_Intra_System_Handover] M1008C136
XDI26MTAFQ2AHDVUJ02UAUIBEV	M1008C137	NUMBER	[PMMOResult_Intra_System_Handover] M1008C137
XDI26MVAFQ2AHDVUJ02UAUIBEV	M1008C138	NUMBER	[PMMOResult_Intra_System_Handover] M1008C138
XDI26MXAFQ2AHDVUJ02UAUIBEV	M1008C139	NUMBER	[PMMOResult_Intra_System_Handover] M1008C139
XDI26N0AFQ2AHDVUJ02UAUIBEV	M1008C140	NUMBER	[PMMOResult_Intra_System_Handover] M1008C140
XDI26NFAFQ2AHDVUJ02UAUIBEV	M1008C146	NUMBER	[PMMOResult_Intra_System_Handover] M1008C146
XDI26NHAFQ2AHDVUJ02UAUIBEV	M1008C147	NUMBER	[PMMOResult_Intra_System_Handover] M1008C147
XDI26NJAFQ2AHDVUJ02UAUIBEV	M1008C148	NUMBER	[PMMOResult_Intra_System_Handover] M1008C148
XDI26NLAFQ2AHDVUJ02UAUIBEV	M1008C149	NUMBER	[PMMOResult_Intra_System_Handover] M1008C149
XDI26NNAFQ2AHDVUJ02UAUIBEV	M1008C150	NUMBER	[PMMOResult_Intra_System_Handover] M1008C150
XDI26NPAFQ2AHDVUJ02UAUIBEV	M1008C151	NUMBER	[PMMOResult_Intra_System_Handover] M1008C151
XDI26NRAFQ2AHDVUJ02UAUIBEV	M1008C152	NUMBER	[PMMOResult_Intra_System_Handover] M1008C152
XJIVIAHAFQ2AHDVUJ02UAUIBEV	M1008C158	NUMBER	[PMMOResult_Intra_System_Handover] M1008C158
XJIVIAJAFQ2AHDVUJ02UAUIBEV	M1008C159	NUMBER	[PMMOResult_Intra_System_Handover] M1008C159
XJIVIALAFQ2AHDVUJ02UAUIBEV	M1008C160	NUMBER	[PMMOResult_Intra_System_Handover] M1008C160
XJIVIANAFQ2AHDVUJ02UAUIBEV	M1008C161	NUMBER	[PMMOResult_Intra_System_Handover] M1008C161
XJIVIAPAFQ2AHDVUJ02UA	M1008C162	NUMBER	[PMMOResult_Intra_System_

UIBEV			Handover] M1008C162
XJIVIARAFQ2AHDVUJ02UA UIBEV	M1008C163	NUMBER	[PMMOResult_Intra_System_ Handover] M1008C163
XJIVIATAFQ2AHDVUJ02UA UIBEV	M1008C164	NUMBER	[PMMOResult_Intra_System_ Handover] M1008C164
XJIVIB6AFQ2AHDVUJ02UA UIBEV	M1008C170	NUMBER	[PMMOResult_Intra_System_ Handover] M1008C170
XJIVIBBAFQ2AHDVUJ02UA UIBEV	M1008C171	NUMBER	[PMMOResult_Intra_System_ Handover] M1008C171
XJIVIBDAFQ2AHDVUJ02UA UIBEV	M1008C172	NUMBER	[PMMOResult_Intra_System_ Handover] M1008C172
XJIVIBFAFQ2AHDVUJ02UA UIBEV	M1008C173	NUMBER	[PMMOResult_Intra_System_ Handover] M1008C173
XJIVIBHAFQ2AHDVUJ02UA UIBEV	M1008C174	NUMBER	[PMMOResult_Intra_System_ Handover] M1008C174
XJIVIBJAFQ2AHDVUJ02UA UIBEV	M1008C175	NUMBER	[PMMOResult_Intra_System_ Handover] M1008C175
XJIVIBLAFQ2AHDVUJ02UA UIBEV	M1008C176	NUMBER	[PMMOResult_Intra_System_ Handover] M1008C176
XJIVIBXAFQ2AHDVUJ02UA UIBEV	M1008C182	NUMBER	[PMMOResult_Intra_System_ Handover] M1008C182
XJIVIC0AFQ2AHDVUJ02UA UIBEV	M1008C183	NUMBER	[PMMOResult_Intra_System_ Handover] M1008C183
XJIVIC2AFQ2AHDVUJ02UA UIBEV	M1008C184	NUMBER	[PMMOResult_Intra_System_ Handover] M1008C184
XJIVIC4AFQ2AHDVUJ02UA UIBEV	M1008C185	NUMBER	[PMMOResult_Intra_System_ Handover] M1008C185
XJIVIC6AFQ2AHDVUJ02UA UIBEV	M1008C186	NUMBER	[PMMOResult_Intra_System_ Handover] M1008C186
XJIVICBAFQ2AHDVUJ02UA UIBEV	M1008C187	NUMBER	[PMMOResult_Intra_System_ Handover] M1008C187

This edition applies to IBM® Tivoli® Netcool® Performance Manager for Wireless and to all subsequent releases and modifications until otherwise indicated in new editions.

XJIVICDAFQ2AHDVUJ02UAUIBEV	M1008C188	NUMBER	[PMMOResult_Intra_System_Handover] M1008C188
XJIVICPAFQ2AHDVUJ02UAUIBEV	M1008C194	NUMBER	[PMMOResult_Intra_System_Handover] M1008C194
XJIVICRAFQ2AHDVUJ02UAUIBEV	M1008C195	NUMBER	[PMMOResult_Intra_System_Handover] M1008C195
XJIVICTAFQ2AHDVUJ02UAUIBEV	M1008C196	NUMBER	[PMMOResult_Intra_System_Handover] M1008C196
XJIVICVAFQ2AHDVUJ02UAUIBEV	M1008C197	NUMBER	[PMMOResult_Intra_System_Handover] M1008C197
XJIVICXAFQ2AHDVUJ02UAUIBEV	M1008C198	NUMBER	[PMMOResult_Intra_System_Handover] M1008C198
XJIVID0AFQ2AHDVUJ02UAUIBEV	M1008C199	NUMBER	[PMMOResult_Intra_System_Handover] M1008C199
XJIVID2AFQ2AHDVUJ02UAUIBEV	M1008C200	NUMBER	[PMMOResult_Intra_System_Handover] M1008C200
XJIVIDHAFQ2AHDVUJ02UAUIBEV	M1008C206	NUMBER	[PMMOResult_Intra_System_Handover] M1008C206
XJIVIDJAFQ2AHDVUJ02UAUIBEV	M1008C207	NUMBER	[PMMOResult_Intra_System_Handover] M1008C207
XJIVIDLAFQ2AHDVUJ02UAUIBEV	M1008C208	NUMBER	[PMMOResult_Intra_System_Handover] M1008C208
XJIVIDNAFQ2AHDVUJ02UAUIBEV	M1008C209	NUMBER	[PMMOResult_Intra_System_Handover] M1008C209
XJIVIDPAFQ2AHDVUJ02UAUIBEV	M1008C210	NUMBER	[PMMOResult_Intra_System_Handover] M1008C210
XJIVIDRAFQ2AHDVUJ02UAUIBEV	M1008C211	NUMBER	[PMMOResult_Intra_System_Handover] M1008C211
XPKMEIFAFQ2AHDVUJ02UAUIBEV	M1008C212	NUMBER	[PMMOResult_Intra_System_Handover] M1008C212
UAQADA41IM2AHSXR0035XKCUAI	M1008C246	NUMBER	[PMMOResult_Intra_System_Handover] M1008C246

7.8.37 NOK_NKCEL_IUB_TXLD_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping

CELL_ID		VARCHAR2(50)	[PMMOResult_Cell_Resource] WBTS & "/" & CELLID
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
XDRXADHDMM2AICSD002UAXYBDK	M1000C296	NUMBER	[PMMOResult_Cell_Resource] M1000C296
XDRXADJDMM2AICSD002UAXYBDK	M1000C297	NUMBER	[PMMOResult_Cell_Resource] M1000C297
XDRXADLDMM2AICSD002UAXYBDK	M1000C298	NUMBER	[PMMOResult_Cell_Resource] M1000C298
XDRXADNDMM2AICSD002UAXYBDK	M1000C299	NUMBER	[PMMOResult_Cell_Resource] M1000C299

7.8.38 NOK_NKCEL_LRTEST_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
CELL_ID		VARCHAR2(50)	[PMMOResult_Cell_Resource] WBTS & "/" & CELLID
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
R2001R2AHL26SECCB00HW01QK4	AVE_LRT_CLASS_0	FLOAT	[PMMOResult_Cell_Resource] M1000C24
R20JOALAHL26SECCB00HW01QK4	LRT_DENOM_0	NUMBER	[PMMOResult_Cell_Resource] M1000C25
R2126FHAHL26SECCB00HW01QK4	AVE_LRT_CLASS_1	FLOAT	[PMMOResult_Cell_Resource] M1000C26
R21MGY2AHL26SECCB00HW01QK4	LRT_DENOM_1	NUMBER	[PMMOResult_Cell_Resource] M1000C27
R2245SXAHL26SECCB00HW01QK4	AVE_LRT_CLASS_2	FLOAT	[PMMOResult_Cell_Resource] M1000C28
R22NT4DAHL26SECCB00H	LRT_DENOM_2	NUMBER	[PMMOResult_Cell_Resource]

W01QK4			M1000C29
R2356G6AHL26SECCB00HW01QK4	AVE_LRT_CLASS_3	FLOAT	[PMMOResult_Cell_Resource] M1000C30
R23OL2PAHL26SECCB00HW01QK4	LRT_DENOM_3	NUMBER	[PMMOResult_Cell_Resource] M1000C31
R245WIHAHL26SECCB00HW01QK4	AVE_LRT_CLASS_4	FLOAT	[PMMOResult_Cell_Resource] M1000C32
R24PHJ6AHL26SECCB00HW01QK4	LRT_DENOM_4	NUMBER	[PMMOResult_Cell_Resource] M1000C33
R25A5JTAHL26SECCB00HW01QK4	AVE_LNRT_CLASS_0	FLOAT	[PMMOResult_Cell_Resource] M1000C34
R25QPOXAHL26SECCB00HW01QK4	LNRT_DENOM_0	NUMBER	[PMMOResult_Cell_Resource] M1000C35
R26ITDHAHL26SECCB00HW01QK4	AVE_LNRT_CLASS_1	FLOAT	[PMMOResult_Cell_Resource] M1000C36
R2A0C6HAHL26SECCB00HW01QK4	LNRT_DENOM_1	NUMBER	[PMMOResult_Cell_Resource] M1000C37
R2AJPGXAHL26SECCB00HW01QK4	AVE_LNRT_CLASS_2	FLOAT	[PMMOResult_Cell_Resource] M1000C38
R2B1NPHAHL26SECCB00HW01QK4	LNRT_DENOM_2	NUMBER	[PMMOResult_Cell_Resource] M1000C39
R2BL4UPAHL26SECCB00HW01QK4	AVE_LNRT_CLASS_3	FLOAT	[PMMOResult_Cell_Resource] M1000C40
R2C2PNTAHL26SECCB00HW01QK4	LNRT_DENOM_3	NUMBER	[PMMOResult_Cell_Resource] M1000C41
R2CMCCHAHL26SECCB00HW01QK4	AVE_LNRT_CLASS_4	FLOAT	[PMMOResult_Cell_Resource] M1000C42
R2D4MI6AHL26SECCB00HW01QK4	LNRT_DENOM_4	NUMBER	[PMMOResult_Cell_Resource] M1000C43

7.8.39 NOK_NKCEL_MACD_SET_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
CELL_ID		VARCHAR2(50)	[PMMOResult_L3Iub] WBTS & "/" & CELLID

TSTAMP		DATE	
INSTANCE_ID		NUMBER	
XDRXAPJDMM2AICSD002UAXYBDK	M1005C241	NUMBER	[PMMOResult_L3Iub] M1005C241
XDRXAPLDMM2AICSD002UAXYBDK	M1005C242	NUMBER	[PMMOResult_L3Iub] M1005C242
XDRXAPNDMM2AICSD002UAXYBDK	M1005C243	NUMBER	[PMMOResult_L3Iub] M1005C243
XDRXAPPDMM2AICSD002UAXYBDK	M1005C244	NUMBER	[PMMOResult_L3Iub] M1005C244
XDRXAPRDMM2AICSD002UAXYBDK	M1005C245	NUMBER	[PMMOResult_L3Iub] M1005C245
XDRXAPTDMM2AICSD002UAXYBDK	M1005C246	NUMBER	[PMMOResult_L3Iub] M1005C246
XDRXAPVDMM2AICSD002UAXYBDK	M1005C247	NUMBER	[PMMOResult_L3Iub] M1005C247
XDRXAPXDMM2AICSD002UAXYBDK	M1005C248	NUMBER	[PMMOResult_L3Iub] M1005C248
XDRXAQ0DMM2AICSD002UAXYBDK	M1005C249	NUMBER	[PMMOResult_L3Iub] M1005C249
XDRXAQ2DMM2AICSD002UAXYBDK	M1005C250	NUMBER	[PMMOResult_L3Iub] M1005C250
XDRXAQ4DMM2AICSD002UAXYBDK	M1005C251	NUMBER	[PMMOResult_L3Iub] M1005C251

7.8.40 NOK_NKCEL_MRABACTFL_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
CELL_ID		VARCHAR2(50)	[PMMOResult_Service_Level] WBTS & "/" & CELLID
TSTAMP		DATE	

This edition applies to IBM® Tivoli® Netcool® Performance Manager for Wireless and to all subsequent releases and modifications until otherwise indicated in new editions.

INSTANCE_ID		NUMBER	
WRICA0DAFQ2AHDVUJ02UAUIBEV	M1001C503	NUMBER	[PMMOResult_Service_Level] M1001C503
WRICA0FAFQ2AHDVUJ02UAUIBEV	M1001C504	NUMBER	[PMMOResult_Service_Level] M1001C504
WRICA0HAFQ2AHDVUJ02UAUIBEV	M1001C505	NUMBER	[PMMOResult_Service_Level] M1001C505
WRICA0JAFQ2AHDVUJ02UAUIBEV	M1001C506	NUMBER	[PMMOResult_Service_Level] M1001C506
WRICA0LAFQ2AHDVUJ02UAUIBEV	M1001C507	NUMBER	[PMMOResult_Service_Level] M1001C507
WRICA0NAFQ2AHDVUJ02UAUIBEV	M1001C508	NUMBER	[PMMOResult_Service_Level] M1001C508
WRICA0PAFQ2AHDVUJ02UAUIBEV	M1001C509	NUMBER	[PMMOResult_Service_Level] M1001C509
WRICA0RAFQ2AHDVUJ02UAUIBEV	M1001C510	NUMBER	[PMMOResult_Service_Level] M1001C510
WRICA0TAFQ2AHDVUJ02UAUIBEV	M1001C511	NUMBER	[PMMOResult_Service_Level] M1001C511
WRICA0VAFQ2AHDVUJ02UAUIBEV	M1001C512	NUMBER	[PMMOResult_Service_Level] M1001C512
WRICA0XAFQ2AHDVUJ02UAUIBEV	M1001C513	NUMBER	[PMMOResult_Service_Level] M1001C513
WRICA10AFQ2AHDVUJ02UAUIBEV	M1001C514	NUMBER	[PMMOResult_Service_Level] M1001C514
WRICA12AFQ2AHDVUJ02UAUIBEV	M1001C515	NUMBER	[PMMOResult_Service_Level] M1001C515
WRICA14AFQ2AHDVUJ02UAUIBEV	M1001C516	NUMBER	[PMMOResult_Service_Level] M1001C516
WRICA16AFQ2AHDVUJ02UAUIBEV	M1001C517	NUMBER	[PMMOResult_Service_Level] M1001C517
WRICA1BAFQ2AHDVUJ02UAUIBEV	M1001C518	NUMBER	[PMMOResult_Service_Level] M1001C518
WRICA1DAFQ2AHDVUJ02UAUIBEV	M1001C519	NUMBER	[PMMOResult_Service_Level] M1001C519

WRICA1FAFQ2AHDVUJ02 UAUIBEV	M1001C520	NUMBER	[PMMOResult_Service_Level] M1001C520
WRICA1HAFQ2AHDVUJ02 UAUIBEV	M1001C521	NUMBER	[PMMOResult_Service_Level] M1001C521
WRICA1JAFQ2AHDVUJ02U AUIBEV	M1001C522	NUMBER	[PMMOResult_Service_Level] M1001C522
WRICA1LAFQ2AHDVUJ02 UAUIBEV	M1001C523	NUMBER	[PMMOResult_Service_Level] M1001C523
WRICA1NAFQ2AHDVUJ02 UAUIBEV	M1001C524	NUMBER	[PMMOResult_Service_Level] M1001C524
WRICA1PAFQ2AHDVUJ02 UAUIBEV	M1001C525	NUMBER	[PMMOResult_Service_Level] M1001C525
WRICA1RAFQ2AHDVUJ02 UAUIBEV	M1001C526	NUMBER	[PMMOResult_Service_Level] M1001C526
WRICA1TAFQ2AHDVUJ02 UAUIBEV	M1001C527	NUMBER	[PMMOResult_Service_Level] M1001C527
WRICA1VAFQ2AHDVUJ02 UAUIBEV	M1001C528	NUMBER	[PMMOResult_Service_Level] M1001C528
WRICA1XAFQ2AHDVUJ02 UAUIBEV	M1001C529	NUMBER	[PMMOResult_Service_Level] M1001C529

7.8.41 NOK_NKCEL_MRABACTFLPS_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
CELL_ID		VARCHA R2(50)	[PMMOResult_Service_Level] WBTS & "/" & CELLID
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
WRICA20AFQ2AHDVUJ02 UAUIBEV	M1001C593	NUMBER	[PMMOResult_Service_Level] M1001C593
WRICA22AFQ2AHDVUJ02	M1001C594	NUMBER	[PMMOResult_Service_Level]

This edition applies to IBM® Tivoli® Netcool® Performance Manager for Wireless and to all subsequent releases and modifications until otherwise indicated in new editions.

UAUIBEV			M1001C594

7.8.42 NOK_NKCEL_MULRAB_ACCOMP_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
CELL_ID		VARCHAR2(50)	[PMMOResult_Service_Level] WBTS & "/" & CELLID
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
WLIEKSLAFQ2AHDVUJ02UAUIBEV	M1001C299	NUMBER	[PMMOResult_Service_Level] M1001C299
WLIEKSNAFQ2AHDVUJ02UAUIBEV	M1001C300	NUMBER	[PMMOResult_Service_Level] M1001C300
WLIEKSPAFQ2AHDVUJ02UAUIBEV	M1001C301	NUMBER	[PMMOResult_Service_Level] M1001C301
WLIEKSRAFQ2AHDVUJ02UAUIBEV	M1001C302	NUMBER	[PMMOResult_Service_Level] M1001C302
WLIEKSTAFQ2AHDVUJ02UAUIBEV	M1001C303	NUMBER	[PMMOResult_Service_Level] M1001C303
WLIEKSVAFQ2AHDVUJ02UAUIBEV	M1001C304	NUMBER	[PMMOResult_Service_Level] M1001C304
RFGH1XK1XI2AHCWXR00PG3RX00	M1001C441	NUMBER	[PMMOResult_Service_Level] M1001C441
R2DOH5DAHL26SECCB00HW01QK4	M1001C287	NUMBER	[PMMOResult_Service_Level] M1001C287
R2E5TYPAHL26SECCB00HW01QK4	M1001C288	NUMBER	[PMMOResult_Service_Level] M1001C288
R2EPE5LAHL26SECCB00HW01QK4	M1001C289	NUMBER	[PMMOResult_Service_Level] M1001C289
R2F6PEHAHL26SECCB00HW01QK4	M1001C290	NUMBER	[PMMOResult_Service_Level] M1001C290
R2FRE06AHL26SECCB00HW01QK4	M1001C291	NUMBER	[PMMOResult_Service_Level] M1001C291
R2GC3FLAHL26SECCB00HW01QK4	M1001C292	NUMBER	[PMMOResult_Service_Level] M1001C292

R2GTLI6AHL26SECCB00HW01QK4	M1001C308	NUMBER	[PMMOResult_Service_Level] M1001C308
R2HEB5XAHL26SECCB00HW01QK4	M1001C309	NUMBER	[PMMOResult_Service_Level] M1001C309
R2HUPI6AHL26SECCB00HW01QK4	M1001C310	NUMBER	[PMMOResult_Service_Level] M1001C310
R2IG2JXAHL26SECCB00HW01QK4	RAB_ACCESS_COMPLETE_3_PS_NRT	NUMBER	[PMMOResult_Service_Level] M1001C312
R2IX60DAHL26SECCB00HW01QK4	M1001C319	NUMBER	[PMMOResult_Service_Level] M1001C319
R2JN4D2AHL26SECCB00HW01QK4	M1001C320	NUMBER	[PMMOResult_Service_Level] M1001C320
R2K4QG2AHL26SECCB00HW01QK4	M1001C321	NUMBER	[PMMOResult_Service_Level] M1001C321
R2KP2ILAHL26SECCB00HW01QK4	M1001C322	NUMBER	[PMMOResult_Service_Level] M1001C322
R2LAOLXAHL26SECCB00HW01QK4	M1001C323	NUMBER	[PMMOResult_Service_Level] M1001C323
R2LS3EPAHL26SECCB00HW01QK4	M1001C324	NUMBER	[PMMOResult_Service_Level] M1001C324
R2MD3WDAHL26SECCB00HW01QK4	M1001C328	NUMBER	[PMMOResult_Service_Level] M1001C328
R2MTSQ6AHL26SECCB00HW01QK4	M1001C329	NUMBER	[PMMOResult_Service_Level] M1001C329
R2NEHIDAHL26SECCB00HW01QK4	M1001C330	NUMBER	[PMMOResult_Service_Level] M1001C330

7.8.43 NOK_NKCEL_MULRAB_ACTCOM_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
CELL_ID		VARCHAR2(50)	[PMMOResult_Service_Level] WBTS & "/" & CELLID

This edition applies to IBM® Tivoli® Netcool® Performance Manager for Wireless and to all subsequent releases and modifications until otherwise indicated in new editions.

TSTAMP		DATE	
INSTANCE_ID		NUMBER	
R2PYI4TAHL26SECCB00HW01QK4	M1001C341	NUMBER	[PMMOResult_Service_Level] M1001C341
R2QJYJ2AHL26SECCB00HW01QK4	M1001C342	NUMBER	[PMMOResult_Service_Level] M1001C342
R2RNG32AHL26SECCB00HW01QK4	M1001C344	NUMBER	[PMMOResult_Service_Level] M1001C344
R2TDUATAHL26SECCB00HW01QK4	M1001C353	NUMBER	[PMMOResult_Service_Level] M1001C353
R2VEOUXAHL26SECCB00HW01QK4	RAB_ACTIVE_COMPLETE_3_PS_NRT	NUMBER	[PMMOResult_Service_Level] M1001C356
R2VWJ1LAHL26SECCB00HW01QK4	M1001C357	NUMBER	[PMMOResult_Service_Level] M1001C357
R2WINATAHL26SECCB00HW01QK4	M1001C358	NUMBER	[PMMOResult_Service_Level] M1001C358
R2XM4QXAHL26SECCB00HW01QK4	M1001C360	NUMBER	[PMMOResult_Service_Level] M1001C360
R30CQYTAHL26SECCB00HW01QK4	M1001C363	NUMBER	[PMMOResult_Service_Level] M1001C363
R310DHLAHL26SECCB00HW01QK4	M1001C364	NUMBER	[PMMOResult_Service_Level] M1001C364
R31LUBLAHL26SECCB00HW01QK4	M1001C365	NUMBER	[PMMOResult_Service_Level] M1001C365
R2OFMN6AHL26SECCB00HW01QK4	M1001C238	NUMBER	[PMMOResult_Service_Level] M1001C238
R2OWFOTAHL26SECCB00HW01QK4	M1001C239	NUMBER	[PMMOResult_Service_Level] M1001C239
R2R36VTAHL26SECCB00HW01QK4	M1001C343	NUMBER	[PMMOResult_Service_Level] M1001C343
R2S61TXAHL26SECCB00HW01QK4	M1001C345	NUMBER	[PMMOResult_Service_Level] M1001C345
R2SR1SLAHL26SECCB00HW01QK4	M1001C346	NUMBER	[PMMOResult_Service_Level] M1001C346
R2UC3L2AHL26SECCB00H	M1001C354	NUMBER	[PMMOResult_Service_Level

W01QK4			] M1001C354
R2UTB5PAHL26SECCB00H W01QK4	M1001C355	NUMBER	[PMMOResult_Service_Level] M1001C355
R2X1CTLAHL26SECCB00H W01QK4	M1001C359	NUMBER	[PMMOResult_Service_Level] M1001C359
R2Y5HWHAHL26SECCB00H W01QK4	M1001C361	NUMBER	[PMMOResult_Service_Level] M1001C361
R2YQKGDAHL26SECCB00H W01QK4	M1001C362	NUMBER	[PMMOResult_Service_Level] M1001C362
R2NUYTPAHL26SECCB00H W01QK4	M1001C237	NUMBER	[PMMOResult_Service_Level] M1001C237
R2PHETHAHL26SECCB00H W01QK4	M1001C240	NUMBER	[PMMOResult_Service_Level] M1001C240
WLIEKSXAFQ2AHDVUJ02U AUIBEV	M1001C331	NUMBER	[PMMOResult_Service_Level] M1001C331
WLIEKT0AFQ2AHDVUJ02U AUIBEV	M1001C347	NUMBER	[PMMOResult_Service_Level] M1001C347
WLIEKT2AFQ2AHDVUJ02U AUIBEV	M1001C348	NUMBER	[PMMOResult_Service_Level] M1001C348
WLIEKT4AFQ2AHDVUJ02U AUIBEV	M1001C349	NUMBER	[PMMOResult_Service_Level] M1001C349
WLIEKT6AFQ2AHDVUJ02U AUIBEV	M1001C350	NUMBER	[PMMOResult_Service_Level] M1001C350
WLIEKTBAFQ2AHDVUJ02U AUIBEV	M1001C351	NUMBER	[PMMOResult_Service_Level] M1001C351
WLIEKTDAFQ2AHDVUJ02U AUIBEV	M1001C352	NUMBER	[PMMOResult_Service_Level] M1001C352
UNSMVAK1XH2AHCWXR0 0PG3RX00	M1001C442	NUMBER	[PMMOResult_Service_Level] M1001C442

This edition applies to IBM® Tivoli® Netcool® Performance Manager for Wireless and to all subsequent releases and modifications until otherwise indicated in new editions.

7.8.44 NOK_NKCEL_MULRAB_SETATM_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
CELL_ID		VARCHAR2(50)	[PMMOResult_Service_Level] WBTS & "/" & CELLID
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
WLIEKS6AFQ2AHDVUJ02UAUIBEV	M1001C293	NUMBER	[PMMOResult_Service_Level] M1001C293
WLIEKSBAFQ2AHDVUJ02UAUIBEV	M1001C294	NUMBER	[PMMOResult_Service_Level] M1001C294
WLIEKSDAFQ2AHDVUJ02UAUIBEV	M1001C295	NUMBER	[PMMOResult_Service_Level] M1001C295
WLIEKSFAFQ2AHDVUJ02UAUIBEV	M1001C296	NUMBER	[PMMOResult_Service_Level] M1001C296
WLIEKSHAFQ2AHDVUJ02UAUIBEV	M1001C297	NUMBER	[PMMOResult_Service_Level] M1001C297
WLIEKSJAFQ2AHDVUJ02UAUIBEV	M1001C298	NUMBER	[PMMOResult_Service_Level] M1001C298
VF24O6S1XI2AHCWXR00PG3RX00	M1001C440	NUMBER	[PMMOResult_Service_Level] M1001C440
R324IOTAHL26SECCB00HW01QK4	M1001C281	NUMBER	[PMMOResult_Service_Level] M1001C281
R32ORUPAHL26SECCB00HW01QK4	M1001C282	NUMBER	[PMMOResult_Service_Level] M1001C282
R33A62DAHL26SECCB00HW01QK4	M1001C283	NUMBER	[PMMOResult_Service_Level] M1001C283
R33SIAXAHL26SECCB00HW01QK4	M1001C284	NUMBER	[PMMOResult_Service_Level] M1001C284
R34EYF2AHL26SECCB00HW01QK4	M1001C285	NUMBER	[PMMOResult_Service_Level] M1001C285
R34XM4HAHL26SECCB00HW01QK4	M1001C286	NUMBER	[PMMOResult_Service_Level] M1001C286
R35KGJ2AHL26SECCB00HW01QK4	M1001C305	NUMBER	[PMMOResult_Service_Level] M1001C305

R363PM6AHL26SECCB00HW01QK4	M1001C306	NUMBER	[PMMOResult_Service_Level] M1001C306
R36QU46AHL26SECCB00HW01QK4	M1001C307	NUMBER	[PMMOResult_Service_Level] M1001C307
R3ACRG6AHL26SECCB00HW01QK4	RAB_SETUP_ATTEMPT_3_PS_NRT	NUMBER	[PMMOResult_Service_Level] M1001C311
R3AU11LAHL26SECCB00HW01QK4	M1001C313	NUMBER	[PMMOResult_Service_Level] M1001C313
R3BFB3DAHL26SECCB00HW01QK4	M1001C314	NUMBER	[PMMOResult_Service_Level] M1001C314
R3BWMP2AHL26SECCB00HW01QK4	M1001C315	NUMBER	[PMMOResult_Service_Level] M1001C315
R3CIYOPAHL26SECCB00HW01QK4	M1001C316	NUMBER	[PMMOResult_Service_Level] M1001C316
R3D1LKLAHL26SECCB00HW01QK4	M1001C317	NUMBER	[PMMOResult_Service_Level] M1001C317
R3DMNXDAHL26SECCB00HW01QK4	M1001C318	NUMBER	[PMMOResult_Service_Level] M1001C318
R3E5QT2AHL26SECCB00HW01QK4	M1001C325	NUMBER	[PMMOResult_Service_Level] M1001C325
R3EQG26AHL26SECCB00HW01QK4	M1001C326	NUMBER	[PMMOResult_Service_Level] M1001C326
R3FCCDPAHL26SECCB00HW01QK4	M1001C327	NUMBER	[PMMOResult_Service_Level] M1001C327

7.8.45 NOK_NKCEL_NBAP_RST_PROC_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
CELL_ID		VARCHAR2(50)	[PMMOResult_L3Iub] WBTS & "/" & CELLID
TSTAMP		DATE	

This edition applies to IBM® Tivoli® Netcool® Performance Manager for Wireless and to all subsequent releases and modifications until otherwise indicated in new editions.

INSTANCE_ID		NUMBER	
RBIJVTDAHL26SECCB00HW01QK4	M1005C170	NUMBER	[PMMOResult_L3Iub] M1005C170
RBJ4FCLAHL26SECCB00HW01QK4	M1005C171	NUMBER	[PMMOResult_L3Iub] M1005C171
RBJSIP2AHL26SECCB00HW01QK4	M1005C172	NUMBER	[PMMOResult_L3Iub] M1005C172
RBKGIDTAHL26SECCB00HW01QK4	M1005C173	NUMBER	[PMMOResult_L3Iub] M1005C173
RBL155TAHL26SECCB00HW01QK4	M1005C174	NUMBER	[PMMOResult_L3Iub] M1005C174
RBLOFJTAHL26SECCB00HW01QK4	M1005C175	NUMBER	[PMMOResult_L3Iub] M1005C175

7.8.46 NOK_NKCEL_NBAPBLKRSRC_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
CELL_ID		VARCHAR2(50)	[PMMOResult_L3Iub] WBTS & "/" & CELLID
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
R3FU126AHL26SECCB00HW01QK4	M1005C167	NUMBER	[PMMOResult_L3Iub] M1005C167
R3GG0BHAHL26SECCB00HW01QK4	M1005C168	NUMBER	[PMMOResult_L3Iub] M1005C168
R3GXDSHAHL26SECCB00HW01QK4	BLOCK_RESOURCE_FAIL_TO_BTS	NUMBER	[PMMOResult_L3Iub] M1005C169

7.8.47 NOK_NKCEL_NBAPCOMMEAS_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
CELL_ID		VARCHAR2(50)	[PMMOResult_L3Iub] WBTS & "/" & CELLID
TSTAMP		DATE	
INSTANCE_ID		NUMBER	

R3HIL3XAHL26SECCB00HW01QK4	COMMON_MEAS_INIT_REQUESTS	NUMBER	[PMMOResult_L3Iub] M1005C161
R3I1LEXAHL26SECCB00HW01QK4	M1005C162	NUMBER	[PMMOResult_L3Iub] M1005C162
R3IMUBTAHL26SECCB00HW01QK4	M1005C163	NUMBER	[PMMOResult_L3Iub] M1005C163
R3J5ILDAHL26SECCB00HW01QK4	COMMON_MEAS_REPORTS	NUMBER	[PMMOResult_L3Iub] M1005C164
R3JQXYDAHL26SECCB00HW01QK4	COMMON_MEAS_TERMINATIONS	NUMBER	[PMMOResult_L3Iub] M1005C165
R3KDNP6AHL26SECCB00HW01QK4	COMMON_MEAS_FAILURE_INDICATION	NUMBER	[PMMOResult_L3Iub] M1005C166

7.8.48 NOK_NKCEL_NBAPERRINDI_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
CELL_ID		VARCHAR2(50)	[PMMOResult_L3Iub] WBTS & "/" & CELLID
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
R3PVUB2AHL26SECCB00HW01QK4	NBR_OF_SENT_ERROR_INDICATIONS	NUMBER	[PMMOResult_L3Iub] M1005C140
R3QHHGXAHL26SECCB00HW01QK4	NBR_OF_REC_ERROR_INDICATIONS	NUMBER	[PMMOResult_L3Iub] M1005C141

7.8.49 NOK_NKCEL_NBAPRLADD_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
CELL_ID		VARCHAR2(50)	[PMMOResult_L3Iub] WBTS & "/" & CELLID
TSTAMP		DATE	

This edition applies to IBM® Tivoli® Netcool® Performance Manager for Wireless and to all subsequent releases and modifications until otherwise indicated in new editions.

INSTANCE_ID		NUMBER	
R41R2E2AHL26SECCB00HW01QK4	M1005C196	NUMBER	[PMMOResult_L3Iub] M1005C196
R42DSRXAHL26SECCB00HW01QK4	M1005C197	NUMBER	[PMMOResult_L3Iub] M1005C197
R42WKMXAHL26SECCB00HW01QK4	M1005C198	NUMBER	[PMMOResult_L3Iub] M1005C198
R43J33TAHL26SECCB00HW01QK4	M1005C199	NUMBER	[PMMOResult_L3Iub] M1005C199
R442P02AHL26SECCB00HW01QK4	M1005C200	NUMBER	[PMMOResult_L3Iub] M1005C200
R44NWOLAHL26SECCB00HW01QK4	M1005C201	NUMBER	[PMMOResult_L3Iub] M1005C201
R456NL6AHL26SECCB00HW01QK4	M1005C202	NUMBER	[PMMOResult_L3Iub] M1005C202
R45RGN6AHL26SECCB00HW01QK4	M1005C203	NUMBER	[PMMOResult_L3Iub] M1005C203
R3R1TJHAHL26SECCB00HW01QK4	M1005C42	NUMBER	[PMMOResult_L3Iub] M1005C42
R3RMQRTAHL26SECCB00HW01QK4	M1005C43	NUMBER	[PMMOResult_L3Iub] M1005C43
R3S5M56AHL26SECCB00HW01QK4	M1005C44	NUMBER	[PMMOResult_L3Iub] M1005C44
R3SQJNHAHL26SECCB00HW01QK4	M1005C45	NUMBER	[PMMOResult_L3Iub] M1005C45
R3TJWLTAHL26SECCB00HW01QK4	M1005C46	NUMBER	[PMMOResult_L3Iub] M1005C46
R3U36ALAHL26SECCB00HW01QK4	M1005C47	NUMBER	[PMMOResult_L3Iub] M1005C47
R3UU2CLAHL26SECCB00HW01QK4	M1005C48	NUMBER	[PMMOResult_L3Iub] M1005C48
R3VGIW2AHL26SECCB00HW01QK4	M1005C49	NUMBER	[PMMOResult_L3Iub] M1005C49
R3VYQADAHL26SECCB00HW01QK4	M1005C50	NUMBER	[PMMOResult_L3Iub] M1005C50

R3WLGNPAHL26SECCB00HW01QK4	M1005C51	NUMBER	[PMMOResult_L3Iub] M1005C51
R3X4FI2AHL26SECCB00HW01QK4	M1005C52	NUMBER	[PMMOResult_L3Iub] M1005C52
R3XQ03PAHL26SECCB00HW01QK4	M1005C53	NUMBER	[PMMOResult_L3Iub] M1005C53
R3YCLQ6AHL26SECCB00HW01QK4	M1005C54	NUMBER	[PMMOResult_L3Iub] M1005C54
R3YV32TAHL26SECCB00HW01QK4	M1005C55	NUMBER	[PMMOResult_L3Iub] M1005C55
R40GQPXAHL26SECCB00HW01QK4	M1005C56	NUMBER	[PMMOResult_L3Iub] M1005C56
R415TF6AHL26SECCB00HW01QK4	M1005C57	NUMBER	[PMMOResult_L3Iub] M1005C57

7.8.50 NOK_NKCEL_NBAPRLCFGCMCL_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
CELL_ID		VARCHAR2(50)	[PMMOResult_L3Iub] WBTS & "/" & CELLID
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
R4W656TAHL26SECCB00HW01QK4	RL_RECONF_COMM_SYNCH_ON_SRNC	NUMBER	[PMMOResult_L3Iub] M1005C126
R4WSISTAHL26SECCB00HW01QK4	RL_RECONF_COMM_SYNCH_ON_DRNC	NUMBER	[PMMOResult_L3Iub] M1005C127
R4XF1JLAHL26SECCB00HW01QK4	M1005C128	NUMBER	[PMMOResult_L3Iub] M1005C128
R4XY4D6AHL26SECCB00HW01QK4	M1005C129	NUMBER	[PMMOResult_L3Iub] M1005C129
R4YKONHAHL26SECCB00	M1005C130	NUMBER	[PMMOResult_L3Iub]

This edition applies to IBM® Tivoli® Netcool® Performance Manager for Wireless and to all subsequent releases and modifications until otherwise indicated in new editions.

HW01QK4			M1005C130
R5040STAHL26SECCB00H W01QK4	M1005C131	NUMBER	[PMMOResult_L3Iub] M1005C131

7.8.51 NOK_NKCEL_NBAPRLCFGFLDC_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
CELL_ID		VARCHAR2(50)	[PMMOResult_L3Iub] WBTS & "/" & CELLID
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
R50PMI6AHL26SECCB00H W01QK4	M1005C108	NUMBER	[PMMOResult_L3Iub] M1005C108
R51C5UTAHL26SECCB00H W01QK4	M1005C109	NUMBER	[PMMOResult_L3Iub] M1005C109
R51U266AHL26SECCB00H W01QK4	M1005C110	NUMBER	[PMMOResult_L3Iub] M1005C110
R52FXIXAHL26SECCB00H W01QK4	M1005C111	NUMBER	[PMMOResult_L3Iub] M1005C111
R5302XPAHL26SECCB00H W01QK4	M1005C112	NUMBER	[PMMOResult_L3Iub] M1005C112
R53LRNXAHL26SECCB00H W01QK4	M1005C113	NUMBER	[PMMOResult_L3Iub] M1005C113
R545PN6AHL26SECCB00H W01QK4	M1005C114	NUMBER	[PMMOResult_L3Iub] M1005C114
R54SOA6AHL26SECCB00H W01QK4	M1005C115	NUMBER	[PMMOResult_L3Iub] M1005C115
R55G0BLAHL26SECCB00H W01QK4	M1005C116	NUMBER	[PMMOResult_L3Iub] M1005C116
R5606Q2AHL26SECCB00H W01QK4	M1005C117	NUMBER	[PMMOResult_L3Iub] M1005C117
R56POYXAHL26SECCB00H W01QK4	M1005C118	NUMBER	[PMMOResult_L3Iub] M1005C118
R5AF1YHAHL26SECCB00H W01QK4	M1005C119	NUMBER	[PMMOResult_L3Iub] M1005C119

R5AYJSHAHL26SECCB00HW01QK4	M1005C120	NUMBER	[PMMOResult_L3Iub] M1005C120
R5BLYL6AHL26SECCB00HW01QK4	M1005C121	NUMBER	[PMMOResult_L3Iub] M1005C121
R5CA12XAHL26SECCB00HW01QK4	M1005C122	NUMBER	[PMMOResult_L3Iub] M1005C122
R5CTDHLAHL26SECCB00HW01QK4	M1005C123	NUMBER	[PMMOResult_L3Iub] M1005C123
R5DGT0XAHL26SECCB00HW01QK4	M1005C124	NUMBER	[PMMOResult_L3Iub] M1005C124
R5E1142AHL26SECCB00HW01QK4	M1005C125	NUMBER	[PMMOResult_L3Iub] M1005C125
R5EOE5DAHL26SECCB00HW01QK4	M1005C138	NUMBER	[PMMOResult_L3Iub] M1005C138

7.8.52 NOK_NKCEL_NBAPRLCFGFLPP_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
CELL_ID		VARCHAR2(50)	[PMMOResult_L3Iub] WBTS & "/" & CELLID
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
R653UAXAHL26SECCB00HW01QK4	M1005C142	NUMBER	[PMMOResult_L3Iub] M1005C142
R65SVTPAHL26SECCB00HW01QK4	M1005C143	NUMBER	[PMMOResult_L3Iub] M1005C143
R66K2K2AHL26SECCB00HW01QK4	M1005C153	NUMBER	[PMMOResult_L3Iub] M1005C153
R6AACS2AHL26SECCB00HW01QK4	M1005C154	NUMBER	[PMMOResult_L3Iub] M1005C154
R6AVNH2AHL26SECCB00H	M1005C156	NUMBER	[PMMOResult_L3Iub]

This edition applies to IBM® Tivoli® Netcool® Performance Manager for Wireless and to all subsequent releases and modifications until otherwise indicated in new editions.

W01QK4			M1005C156
R6BLQMHAHL26SECCB00HW01QK4	M1005C157	NUMBER	[PMMOResult_L3Iub] M1005C157
R6CBVKPAHL26SECCB00HW01QK4	M1005C158	NUMBER	[PMMOResult_L3Iub] M1005C158
R6CXHWLAHL26SECCB00HW01QK4	M1005C159	NUMBER	[PMMOResult_L3Iub] M1005C159
R6DNPMXAHL26SECCB00HW01QK4	M1005C160	NUMBER	[PMMOResult_L3Iub] M1005C160
R6ECSY6AHL26SECCB00HW01QK4	M1005C212	NUMBER	[PMMOResult_L3Iub] M1005C212
R6F02STAHL26SECCB00HW01QK4	M1005C213	NUMBER	[PMMOResult_L3Iub] M1005C213
R6FOOODAHL26SECCB00HW01QK4	M1005C214	NUMBER	[PMMOResult_L3Iub] M1005C214
R6GDVEHAHL26SECCB00HW01QK4	M1005C215	NUMBER	[PMMOResult_L3Iub] M1005C215
R6H0HK2AHL26SECCB00HW01QK4	M1005C216	NUMBER	[PMMOResult_L3Iub] M1005C216
R6HOCJTAHL26SECCB00HW01QK4	M1005C217	NUMBER	[PMMOResult_L3Iub] M1005C217
R6IDJYXAHL26SECCB00HW01QK4	M1005C218	NUMBER	[PMMOResult_L3Iub] M1005C218
R6IY3BXAHL26SECCB00HW01QK4	M1005C219	NUMBER	[PMMOResult_L3Iub] M1005C219
R6JOIXPAHL26SECCB00HW01QK4	M1005C220	NUMBER	[PMMOResult_L3Iub] M1005C220
R6KF1W6AHL26SECCB00HW01QK4	M1005C221	NUMBER	[PMMOResult_L3Iub] M1005C221
R6L26HDAHL26SECCB00HW01QK4	M1005C222	NUMBER	[PMMOResult_L3Iub] M1005C222
R6LRPXLAHL26SECCB00HW01QK4	M1005C223	NUMBER	[PMMOResult_L3Iub] M1005C223
R6MIIODAHL26SECCB00HW01QK4	M1005C224	NUMBER	[PMMOResult_L3Iub] M1005C224

R6N54DXAHL26SECCB00H W01QK4	M1005C225	NUMBER	[PMMOResult_L3Iub] M1005C225
R6NU3SLAHL26SECCB00H W01QK4	M1005C226	NUMBER	[PMMOResult_L3Iub] M1005C226
R6OLCWPAHL26SECCB00H W01QK4	M1005C227	NUMBER	[PMMOResult_L3Iub] M1005C227
R6PBNKTAHL26SECCB00H W01QK4	M1005C228	NUMBER	[PMMOResult_L3Iub] M1005C228
R6Q323DAHL26SECCB00H W01QK4	M1005C229	NUMBER	[PMMOResult_L3Iub] M1005C229
R6QSA4PAHL26SECCB00H W01QK4	M1005C230	NUMBER	[PMMOResult_L3Iub] M1005C230
R6RIW3XAHL26SECCB00H W01QK4	M1005C231	NUMBER	[PMMOResult_L3Iub] M1005C231
R6S5H0DAHL26SECCB00H W01QK4	M1005C232	NUMBER	[PMMOResult_L3Iub] M1005C232
R6SV1NLAHL26SECCB00H W01QK4	M1005C233	NUMBER	[PMMOResult_L3Iub] M1005C233
R6TM51TAHL26SECCB00H W01QK4	M1005C234	NUMBER	[PMMOResult_L3Iub] M1005C234
R6UH2IHAHL26SECCB00H W01QK4	M1005C235	NUMBER	[PMMOResult_L3Iub] M1005C235
X4IQMSRAFQ2AHDVUJ02U AUIBEV	M1005C239	NUMBER	[PMMOResult_L3Iub] M1005C239
X4IQMSTAFQ2AHDVUJ02U AUIBEV	M1005C240	NUMBER	[PMMOResult_L3Iub] M1005C240
R5SKP3LAHL26SECCB00H W01QK4	M1005C78	NUMBER	[PMMOResult_L3Iub] M1005C78
R5TAQM6AHL26SECCB00H W01QK4	M1005C79	NUMBER	[PMMOResult_L3Iub] M1005C79
R5TWN4PAHL26SECCB00H	M1005C80	NUMBER	[PMMOResult_L3Iub]

This edition applies to IBM® Tivoli® Netcool® Performance Manager for Wireless and to all subsequent releases and modifications until otherwise indicated in new editions.

W01QK4			M1005C80
R5UMBI2AHL26SECCB00H W01QK4	RL_RECONF_PREP_ SYNCH_ON_SRNC	NUMBER	[PMMOResult_L3Iub] M1005C132
R5VB6RHAHL26SECCB00H W01QK4	M1005C133	NUMBER	[PMMOResult_L3Iub] M1005C133
R5VVTYDAHL26SECCB00H W01QK4	M1005C81	NUMBER	[PMMOResult_L3Iub] M1005C81
R5WLQ0LAHL26SECCB00H W01QK4	M1005C82	NUMBER	[PMMOResult_L3Iub] M1005C82
R5XBHY6AHL26SECCB00H W01QK4	M1005C83	NUMBER	[PMMOResult_L3Iub] M1005C83
R5XXFF6AHL26SECCB00H W01QK4	RL_RECONF_PREP_ SYNCH_ON_DRNC	NUMBER	[PMMOResult_L3Iub] M1005C134
R5YNAQLAHL26SECCB00H W01QK4	M1005C84	NUMBER	[PMMOResult_L3Iub] M1005C84
R60DE02AHL26SECCB00H W01QK4	M1005C85	NUMBER	[PMMOResult_L3Iub] M1005C85
R610EFPAHL26SECCB00H W01QK4	M1005C86	NUMBER	[PMMOResult_L3Iub] M1005C86
R61PBLTAHL26SECCB00H W01QK4	M1005C135	NUMBER	[PMMOResult_L3Iub] M1005C135
R62FBX6AHL26SECCB00H W01QK4	M1005C87	NUMBER	[PMMOResult_L3Iub] M1005C87
R6322AXAHL26SECCB00H W01QK4	M1005C88	NUMBER	[PMMOResult_L3Iub] M1005C88
R63R056AHL26SECCB00H W01QK4	M1005C89	NUMBER	[PMMOResult_L3Iub] M1005C89
R64H3CDAHL26SECCB00H W01QK4	M1005C136	NUMBER	[PMMOResult_L3Iub] M1005C136

7.8.53 NOK_NKCEL_NBAPRLCFGFLSC_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
CELL_ID		VARCHA R2(50)	[PMMOResult_L3Iub] WBTS & "/" & CELLID

TSTAMP		DATE	
INSTANCE_ID		NUMBER	
R5FF41PAHL26SECCB00H W01QK4	M1005C90	NUMBER	[PMMOResult_L3Iub] M1005C90
R5G3IWLAHL26SECCB00H W01QK4	M1005C91	NUMBER	[PMMOResult_L3Iub] M1005C91
R5GSSSDAHL26SECCB00H W01QK4	M1005C92	NUMBER	[PMMOResult_L3Iub] M1005C92
R5HIBVTAHL26SECCB00H W01QK4	M1005C93	NUMBER	[PMMOResult_L3Iub] M1005C93
R5I5TT2AHL26SECCB00H W01QK4	M1005C94	NUMBER	[PMMOResult_L3Iub] M1005C94
R5IXSVPAHL26SECCB00H W01QK4	M1005C95	NUMBER	[PMMOResult_L3Iub] M1005C95
R5JNYT6AHL26SECCB00H W01QK4	M1005C96	NUMBER	[PMMOResult_L3Iub] M1005C96
R5KE44HAHL26SECCB00H W01QK4	M1005C97	NUMBER	[PMMOResult_L3Iub] M1005C97
R5L1F2DAHL26SECCB00H W01QK4	M1005C98	NUMBER	[PMMOResult_L3Iub] M1005C98
R5LPK1HAHL26SECCB00H W01QK4	M1005C99	NUMBER	[PMMOResult_L3Iub] M1005C99
R5MF3QDAHL26SECCB00H W01QK4	M1005C100	NUMBER	[PMMOResult_L3Iub] M1005C100
R5N1BWDAHL26SECCB00 HW01QK4	M1005C101	NUMBER	[PMMOResult_L3Iub] M1005C101
R5NR5VXAHL26SECCB00H W01QK4	M1005C102	NUMBER	[PMMOResult_L3Iub] M1005C102
R5OGKNDAHL26SECCB00 HW01QK4	M1005C103	NUMBER	[PMMOResult_L3Iub] M1005C103
R5PAFHHAHL26SECCB00H	M1005C104	NUMBER	[PMMOResult_L3Iub]

This edition applies to IBM® Tivoli® Netcool® Performance Manager for Wireless and to all subsequent releases and modifications until otherwise indicated in new editions.

W01QK4			M1005C104
R5PULY6AHL26SECCB00HW01QK4	M1005C105	NUMBER	[PMMOResult_L3Iub] M1005C105
R5QJUADAHL26SECCB00HW01QK4	M1005C106	NUMBER	[PMMOResult_L3Iub] M1005C106
R5R64H2AHL26SECCB00HW01QK4	M1005C107	NUMBER	[PMMOResult_L3Iub] M1005C107
R5RVPX2AHL26SECCB00HW01QK4	M1005C137	NUMBER	[PMMOResult_L3Iub] M1005C137

7.8.54 NOK_NKCEL_NBAPRLDELDRNC_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
CELL_ID		VARCHAR2(50)	[PMMOResult_L3Iub] WBTS & "/" & CELLID
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
R4IVX5TAHL26SECCB00HW01QK4	M1005C208	NUMBER	[PMMOResult_L3Iub] M1005C208
R4JKN6TAHL26SECCB00HW01QK4	M1005C209	NUMBER	[PMMOResult_L3Iub] M1005C209
R4K66A2AHL26SECCB00HW01QK4	M1005C210	NUMBER	[PMMOResult_L3Iub] M1005C210
R4KTMTPAHL26SECCB00HW01QK4	M1005C211	NUMBER	[PMMOResult_L3Iub] M1005C211
R4CVGK6AHL26SECCB00HW01QK4	M1005C62	NUMBER	[PMMOResult_L3Iub] M1005C62
R4DIHR6AHL26SECCB00HW01QK4	M1005C63	NUMBER	[PMMOResult_L3Iub] M1005C63
R4E31P2AHL26SECCB00HW01QK4	M1005C64	NUMBER	[PMMOResult_L3Iub] M1005C64
R4EP0WDAHL26SECCB00HW01QK4	M1005C65	NUMBER	[PMMOResult_L3Iub] M1005C65
R4FAXHHAHL26SECCB00HW01QK4	RL_DEL_ON_DRNC_DUE_TO_NORM_RE	NUMBER	[PMMOResult_L3Iub] M1005C72

	L		
R4FYIP6AHL26SECCB00HW01QK4	M1005C73	NUMBER	[PMMOResult_L3Iub] M1005C73
R4GKU32AHL26SECCB00HW01QK4	M1005C74	NUMBER	[PMMOResult_L3Iub] M1005C74
R4H3FSHAHL26SECCB00HW01QK4	M1005C75	NUMBER	[PMMOResult_L3Iub] M1005C75
R4HPKODAHL26SECCB00HW01QK4	M1005C76	NUMBER	[PMMOResult_L3Iub] M1005C76
R4ICHDPAHL26SECCB00HW01QK4	RL_DEL_RESP_ON_DRNC	NUMBER	[PMMOResult_L3Iub] M1005C77

7.8.55 NOK_NKCEL_NBAPRLDELSRNC_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
CELL_ID		VARCHAR2(50)	[PMMOResult_L3Iub] WBTS & "/" & CELLID
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
R4S2TGHAHL26SECCB00HW01QK4	M1005C204	NUMBER	[PMMOResult_L3Iub] M1005C204
R4SVKG2AHL26SECCB00HW01QK4	M1005C205	NUMBER	[PMMOResult_L3Iub] M1005C205
R4TKTKDAHL26SECCB00HW01QK4	M1005C206	NUMBER	[PMMOResult_L3Iub] M1005C206
R4UAOY6AHL26SECCB00HW01QK4	M1005C207	NUMBER	[PMMOResult_L3Iub] M1005C207
R4LIHRLAHL26SECCB00HW01QK4	M1005C58	NUMBER	[PMMOResult_L3Iub] M1005C58
R4M4S62AHL26SECCB00HW01QK4	M1005C59	NUMBER	[PMMOResult_L3Iub] M1005C59

R4MTC3TAHL26SECCB00HW01QK4	M1005C60	NUMBER	[PMMOResult_L3Iub] M1005C60
R4NHUTLAHL26SECCB00HW01QK4	M1005C61	NUMBER	[PMMOResult_L3Iub] M1005C61
R4O3E56AHL26SECCB00HW01QK4	RL_DEL_ON_SRNC_DUE_TO_NORM_REL	NUMBER	[PMMOResult_L3Iub] M1005C66
R4OR6NLAHL26SECCB00HW01QK4	M1005C67	NUMBER	[PMMOResult_L3Iub] M1005C67
R4PFDB6AHL26SECCB00HW01QK4	M1005C68	NUMBER	[PMMOResult_L3Iub] M1005C68
R4Q2R3HAHL26SECCB00HW01QK4	M1005C69	NUMBER	[PMMOResult_L3Iub] M1005C69
R4QQHN2AHL26SECCB00HW01QK4	M1005C70	NUMBER	[PMMOResult_L3Iub] M1005C70
R4RFW1PAHL26SECCB00HW01QK4	M1005C71	NUMBER	[PMMOResult_L3Iub] M1005C71

7.8.56 NOK_NKCEL_NBAPRLFRCHO_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
CELL_ID		VARCHAR2(50)	[PMMOResult_L3Iub] WBTS & "/" & CELLID
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
R4UWCIXAHL26SECCB00HW01QK4	HO_REQ_DUE_TO_BTS_REQ	NUMBER	[PMMOResult_L3Iub] M1005C40
R4VLB6HAHL26SECCB00HW01QK4	HO_RESP_REJ_DUE_TO_BTS_REQ	NUMBER	[PMMOResult_L3Iub] M1005C41

7.8.57 NOK_NKCEL_NBAPSFDR_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
CELL_ID		VARCHAR2(50)	[PMMOResult_L3Iub] WBTS & "/" & CELLID
TSTAMP		DATE	

INSTANCE_ID		NUMBER	
RAHDFL6AHL26SECCB00HW01QK4	M1005C188	NUMBER	[PMMOResult_L3Iub] M1005C188
RAHYUIHAHL26SECCB00HW01QK4	M1005C189	NUMBER	[PMMOResult_L3Iub] M1005C189
RAIOOULAHL26SECCB00HW01QK4	M1005C190	NUMBER	[PMMOResult_L3Iub] M1005C190
RAJESJLAHL26SECCB00HW01QK4	M1005C191	NUMBER	[PMMOResult_L3Iub] M1005C191
RAK1S62AHL26SECCB00HW01QK4	M1005C192	NUMBER	[PMMOResult_L3Iub] M1005C192
RAKQSG2AHL26SECCB00HW01QK4	M1005C193	NUMBER	[PMMOResult_L3Iub] M1005C193
RALFYA2AHL26SECCB00HW01QK4	M1005C194	NUMBER	[PMMOResult_L3Iub] M1005C194
RAM1WBDAHL26SECCB00HW01QK4	M1005C195	NUMBER	[PMMOResult_L3Iub] M1005C195
RA5TBR6AHL26SECCB00HW01QK4	M1005C28	NUMBER	[PMMOResult_L3Iub] M1005C28
RA6NJ1PAHL26SECCB00HW01QK4	M1005C29	NUMBER	[PMMOResult_L3Iub] M1005C29
RAADJT6AHL26SECCB00HW01QK4	M1005C30	NUMBER	[PMMOResult_L3Iub] M1005C30
RAAYLGTAHL26SECCB00HW01QK4	M1005C31	NUMBER	[PMMOResult_L3Iub] M1005C31
RABOUH2AHL26SECCB00HW01QK4	M1005C32	NUMBER	[PMMOResult_L3Iub] M1005C32
RACFK56AHL26SECCB00HW01QK4	M1005C33	NUMBER	[PMMOResult_L3Iub] M1005C33
RAD3CVLAHL26SECCB00HW01QK4	M1005C34	NUMBER	[PMMOResult_L3Iub] M1005C34

This edition applies to IBM® Tivoli® Netcool® Performance Manager for Wireless and to all subsequent releases and modifications until otherwise indicated in new editions.

RADTWBHAHL26SECCB00HW01QK4	M1005C35	NUMBER	[PMMOResult_L3Iub] M1005C35
RAEL4CXAHL26SECCB00HW01QK4	M1005C36	NUMBER	[PMMOResult_L3Iub] M1005C36
RAFA5K2AHL26SECCB00HW01QK4	M1005C37	NUMBER	[PMMOResult_L3Iub] M1005C37
RAFX2DHAHL26SECCB00HW01QK4	M1005C38	NUMBER	[PMMOResult_L3Iub] M1005C38
RAGMLPLAHL26SECCB00HW01QK4	M1005C39	NUMBER	[PMMOResult_L3Iub] M1005C39

7.8.58 NOK_NKCEL_NBAPSFFR_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
CELL_ID		VARCHAR2(50)	[PMMOResult_L3Iub] WBTS & "/" & CELLID
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
RA0OCPTAHL26SECCB00HW01QK4	M1005C10	NUMBER	[PMMOResult_L3Iub] M1005C10
RA1F23LAHL26SECCB00HW01QK4	M1005C11	NUMBER	[PMMOResult_L3Iub] M1005C11
RA22GR6AHL26SECCB00HW01QK4	M1005C12	NUMBER	[PMMOResult_L3Iub] M1005C12
RA30KILAHL26SECCB00HW01QK4	M1005C13	NUMBER	[PMMOResult_L3Iub] M1005C13
RA3QFLLAHL26SECCB00HW01QK4	M1005C14	NUMBER	[PMMOResult_L3Iub] M1005C14
RA4FL6XAHL26SECCB00HW01QK4	M1005C15	NUMBER	[PMMOResult_L3Iub] M1005C15

7.8.59 NOK_NKCEL_NBAPSFSR_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
CELL_ID		VARCHAR2(50)	[PMMOResult_L3Iub] WBTS & "/" & CELLID

TSTAMP		DATE	
INSTANCE_ID		NUMBER	
RAWTH4LAHL26SECCB00HW01QK4	M1005C180	NUMBER	[PMMOResult_L3Iub] M1005C180
RAXK33DAHL26SECCB00HW01QK4	M1005C181	NUMBER	[PMMOResult_L3Iub] M1005C181
RAYA3U6AHL26SECCB00HW01QK4	M1005C182	NUMBER	[PMMOResult_L3Iub] M1005C182
RAYWC0XAHL26SECCB00HW01QK4	M1005C183	NUMBER	[PMMOResult_L3Iub] M1005C183
RB0NECXAHL26SECCB00HW01QK4	M1005C184	NUMBER	[PMMOResult_L3Iub] M1005C184
RB1DDUPAHL26SECCB00HW01QK4	M1005C185	NUMBER	[PMMOResult_L3Iub] M1005C185
RB20236AHL26SECCB00HW01QK4	M1005C186	NUMBER	[PMMOResult_L3Iub] M1005C186
RB2P2THAHL26SECCB00HW01QK4	M1005C187	NUMBER	[PMMOResult_L3Iub] M1005C187
RAOBAWLAHL26SECCB00HW01QK4	M1005C16	NUMBER	[PMMOResult_L3Iub] M1005C16
RAOWLAXAHL26SECCB00HW01QK4	M1005C17	NUMBER	[PMMOResult_L3Iub] M1005C17
RAPLLLDAHL26SECCB00HW01QK4	M1005C18	NUMBER	[PMMOResult_L3Iub] M1005C18
RAQCGJDAHL26SECCB00HW01QK4	M1005C19	NUMBER	[PMMOResult_L3Iub] M1005C19
RAR5656AHL26SECCB00HW01QK4	M1005C20	NUMBER	[PMMOResult_L3Iub] M1005C20
RARUDKDAHL26SECCB00HW01QK4	M1005C21	NUMBER	[PMMOResult_L3Iub] M1005C21
RASL5H2AHL26SECCB00H	M1005C22	NUMBER	[PMMOResult_L3Iub]

This edition applies to IBM® Tivoli® Netcool® Performance Manager for Wireless and to all subsequent releases and modifications until otherwise indicated in new editions.

W01QK4			M1005C22
RATCAETAHL26SECCB00HW01QK4	M1005C23	NUMBER	[PMMOResult_L3Iub] M1005C23
RAU0CLDAHL26SECCB00HW01QK4	M1005C24	NUMBER	[PMMOResult_L3Iub] M1005C24
RAUP2JTAHL26SECCB00HW01QK4	M1005C25	NUMBER	[PMMOResult_L3Iub] M1005C25
RAVG0L6AHL26SECCB00HW01QK4	M1005C26	NUMBER	[PMMOResult_L3Iub] M1005C26
RAW2X62AHL26SECCB00HW01QK4	M1005C27	NUMBER	[PMMOResult_L3Iub] M1005C27

7.8.60 NOK_NKCEL_NBAPSFSUCC_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
CELL_ID		VARCHAR2(50)	[PMMOResult_L3Iub] WBTS & "/" & CELLID
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
RB4WALPAHL26SECCB00HW01QK4	RL_SETUP_ATT_FOR_FIRST_RL	NUMBER	[PMMOResult_L3Iub] M1005C0
RB5MDKTAHL26SECCB00HW01QK4	RL_SETUP_ATT_FOR_SHO_ON_SRNC	NUMBER	[PMMOResult_L3Iub] M1005C1
RB6CRDLAHL26SECCB00HW01QK4	RL_SETUP_ATT_FOR_HHO_ON_SRNC	NUMBER	[PMMOResult_L3Iub] M1005C2
RBA0XFTAHL26SECCB00HW01QK4	RL_SETUP_ATT_FOR_SHO_ON_DRNC	NUMBER	[PMMOResult_L3Iub] M1005C3
RBAQKO6AHL26SECCB00HW01QK4	RL_SETUP_ATT_FOR_HHO_ON_DRNC	NUMBER	[PMMOResult_L3Iub] M1005C4
RBBHBGHAHL26SECCB00HW01QK4	RL_SETUP_SUCC_FOR_FIRST_RL	NUMBER	[PMMOResult_L3Iub] M1005C5
RBC5KQHAHL26SECCB00HW01QK4	RL_SETUP_SUCC_FOR_SHO_ON_SRNC	NUMBER	[PMMOResult_L3Iub] M1005C6
RBCWCFTAHL26SECCB00HW01QK4	RL_SETUP_SUCC_FOR_HHO_ON_SRNC	NUMBER	[PMMOResult_L3Iub] M1005C7

RBDMW6PAHL26SECCB00HW01QK4	RL_SETUP_SUCC_FOR_SHO_ON_DRNC	NUMBER	[PMMOResult_L3Iub] M1005C8
RBEEEIHAHL26SECCB00HW01QK4	RL_SETUP_SUCC_FOR_HHO_ON_DRNC	NUMBER	[PMMOResult_L3Iub] M1005C9

7.8.61 NOK_NKCEL_NBDEDMPRC_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
CELL_ID		VARCHAR2(50)	[PMMOResult_L3Iub] WBTS & "/" & CELLID
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
R3LHBA6AHL26SECCB00HW01QK4	M1005C144	NUMBER	[PMMOResult_L3Iub] M1005C144
R3M0GTHAHL26SECCB00HW01QK4	M1005C145	NUMBER	[PMMOResult_L3Iub] M1005C145
R3MKUWTAHL26SECCB00HW01QK4	M1005C146	NUMBER	[PMMOResult_L3Iub] M1005C146
R3N3BQDAHL26SECCB00HW01QK4	M1005C147	NUMBER	[PMMOResult_L3Iub] M1005C147
R3NO1U6AHL26SECCB00HW01QK4	DEDICATED_MEASUREMENT_REPORT	NUMBER	[PMMOResult_L3Iub] M1005C148
R3OA4IHAHL26SECCB00HW01QK4	M1005C155	NUMBER	[PMMOResult_L3Iub] M1005C155
R3ORQ6XAHL26SECCB00HW01QK4	DEDICATED_MEAS_TERMINATIONS	NUMBER	[PMMOResult_L3Iub] M1005C236
R3PDFCHAHL26SECCB00HW01QK4	M1005C237	NUMBER	[PMMOResult_L3Iub] M1005C237

7.8.62 NOK_NKCEL_NBRLST3GPP_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping

CELL_ID		VARCHAR2(50)	[PMMOResult_L3Iub] WBTS & "/" & CELLID
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
R6W46QXAHL26SECCB00HW01QK4	M1005C176	NUMBER	[PMMOResult_L3Iub] M1005C176
R6WTH4XAHL26SECCB00HW01QK4	M1005C177	NUMBER	[PMMOResult_L3Iub] M1005C177
R6XJNCXAHL26SECCB00HW01QK4	M1005C178	NUMBER	[PMMOResult_L3Iub] M1005C178
R6Y6CMLAHL26SECCB00HW01QK4	M1005C179	NUMBER	[PMMOResult_L3Iub] M1005C179

7.8.63 NOK_NKCEL_NDCHALLOC_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
CELL_ID		VARCHAR2(50)	[PMMOResult_Packet_call] WBTS & "/" & CELLID
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
XDRXB0NDMM2AICSD002UAXYBDK	M1022C99	NUMBER	[PMMOResult_Packet_call] M1022C99
XDRXB0PDMM2AICSD002UAXYBDK	M1022C100	NUMBER	[PMMOResult_Packet_call] M1022C100
XDRXB0RDMM2AICSD002UAXYBDK	M1022C101	NUMBER	[PMMOResult_Packet_call] M1022C101
XDRXB0TDMM2AICSD002UAXYBDK	M1022C102	NUMBER	[PMMOResult_Packet_call] M1022C102
XDRXB0VDMM2AICSD002UAXYBDK	M1022C103	NUMBER	[PMMOResult_Packet_call] M1022C103
XDRXB0XDMM2AICSD002UAXYBDK	M1022C104	NUMBER	[PMMOResult_Packet_call] M1022C104
XDRXB10DMM2AICSD002UAXYBDK	M1022C105	NUMBER	[PMMOResult_Packet_call] M1022C105
XDRXB12DMM2AICSD002U	M1022C106	NUMBER	[PMMOResult_Packet_call]

AXYBDK			M1022C106
XDRXB14DMM2AICSD002U AXYBDK	M1022C107	NUMBER	[PMMOResult_Packet_call] M1022C107
XDRXB16DMM2AICSD002U AXYBDK	M1022C108	NUMBER	[PMMOResult_Packet_call] M1022C108
XDRXB1BDMM2AICSD002U AXYBDK	M1022C109	NUMBER	[PMMOResult_Packet_call] M1022C109
XDRXB1DDMM2AICSD002U AXYBDK	M1022C110	NUMBER	[PMMOResult_Packet_call] M1022C110
XDRXB1FDMM2AICSD002U AXYBDK	M1022C111	NUMBER	[PMMOResult_Packet_call] M1022C111
XDRXB1HDMM2AICSD002U AXYBDK	M1022C112	NUMBER	[PMMOResult_Packet_call] M1022C112
XDRXB1JDMM2AICSD002U AXYBDK	M1022C113	NUMBER	[PMMOResult_Packet_call] M1022C113
XDRXB1LDMM2AICSD002U AXYBDK	M1022C114	NUMBER	[PMMOResult_Packet_call] M1022C114

7.8.64 NOK_NKCEL_NDCHREQ_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
CELL_ID		VARCHAR2(50)	[PMMOResult_Packet_call] WBTS & "/" & CELLID
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
XDRXAYNDMM2AICSD002U AXYBDK	M1022C83	NUMBER	[PMMOResult_Packet_call] M1022C83
XDRXAYPDMM2AICSD002U AXYBDK	M1022C84	NUMBER	[PMMOResult_Packet_call] M1022C84
XDRXAYRDMM2AICSD002U AXYBDK	M1022C85	NUMBER	[PMMOResult_Packet_call] M1022C85

This edition applies to IBM® Tivoli® Netcool® Performance Manager for Wireless and to all subsequent releases and modifications until otherwise indicated in new editions.

XDRXAYTDMM2AICSD002U AXYBDK	M1022C86	NUMBER	[PMMOResult_Packet_call] M1022C86
XDRXAYVDMM2AICSD002U AXYBDK	M1022C87	NUMBER	[PMMOResult_Packet_call] M1022C87
XDRXAYXDMM2AICSD002U AXYBDK	M1022C88	NUMBER	[PMMOResult_Packet_call] M1022C88
XDRXB00DMM2AICSD002U AXYBDK	M1022C89	NUMBER	[PMMOResult_Packet_call] M1022C89
XDRXB02DMM2AICSD002U AXYBDK	M1022C90	NUMBER	[PMMOResult_Packet_call] M1022C90
XDRXB04DMM2AICSD002U AXYBDK	M1022C91	NUMBER	[PMMOResult_Packet_call] M1022C91
XDRXB06DMM2AICSD002U AXYBDK	M1022C92	NUMBER	[PMMOResult_Packet_call] M1022C92
XDRXB0BDMM2AICSD002U AXYBDK	M1022C93	NUMBER	[PMMOResult_Packet_call] M1022C93
XDRXB0DDMM2AICSD002U AXYBDK	M1022C94	NUMBER	[PMMOResult_Packet_call] M1022C94
XDRXB0FDMM2AICSD002U AXYBDK	M1022C95	NUMBER	[PMMOResult_Packet_call] M1022C95
XDRXB0HDMM2AICSD002U AXYBDK	M1022C96	NUMBER	[PMMOResult_Packet_call] M1022C96
XDRXB0JDMM2AICSD002U AXYBDK	M1022C97	NUMBER	[PMMOResult_Packet_call] M1022C97
XDRXB0LDMM2AICSD002U AXYBDK	M1022C98	NUMBER	[PMMOResult_Packet_call] M1022C98

7.8.65 NOK_NKCEL_NDCHUPG_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
CELL_ID		VARCHAR2(50)	[PMMOResult_Packet_call] WBTS & "/" & CELLID
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
XDRXB1NDMM2AICSD002U	M1022C115	NUMBER	[PMMOResult_Packet_call]

AXYBDK			M1022C115
XDRXB1PDMM2AICSD002U AXYBDK	M1022C116	NUMBER	[PMMOResult_Packet_call] M1022C116
XDRXB1RDMM2AICSD002U AXYBDK	M1022C117	NUMBER	[PMMOResult_Packet_call] M1022C117
XDRXB1TDMM2AICSD002U AXYBDK	M1022C118	NUMBER	[PMMOResult_Packet_call] M1022C118
XJVHDMJDMM2AICSD002U AXYBDK	M1022C119	NUMBER	[PMMOResult_Packet_call] M1022C119
XJVHDMLDMM2AICSD002U AXYBDK	M1022C120	NUMBER	[PMMOResult_Packet_call] M1022C120
XJVHDMNDMM2AICSD002U AXYBDK	M1022C121	NUMBER	[PMMOResult_Packet_call] M1022C121
XJVHDMPDMM2AICSD002U AXYBDK	M1022C122	NUMBER	[PMMOResult_Packet_call] M1022C122
XJVHDMRDMM2AICSD002U AXYBDK	M1022C123	NUMBER	[PMMOResult_Packet_call] M1022C123
XJVHDMTDMM2AICSD002U AXYBDK	M1022C124	NUMBER	[PMMOResult_Packet_call] M1022C124
XJVHDMVDMM2AICSD002U AXYBDK	M1022C125	NUMBER	[PMMOResult_Packet_call] M1022C125
XJVHDMXDMM2AICSD002U AXYBDK	M1022C126	NUMBER	[PMMOResult_Packet_call] M1022C126
XJVHDN0DMM2AICSD002U AXYBDK	M1022C127	NUMBER	[PMMOResult_Packet_call] M1022C127
XJVHDN2DMM2AICSD002U AXYBDK	M1022C128	NUMBER	[PMMOResult_Packet_call] M1022C128
XJVHDN4DMM2AICSD002U AXYBDK	M1022C129	NUMBER	[PMMOResult_Packet_call] M1022C129
XJVHDN6DMM2AICSD002U AXYBDK	M1022C130	NUMBER	[PMMOResult_Packet_call] M1022C130

This edition applies to IBM® Tivoli® Netcool® Performance Manager for Wireless and to all subsequent releases and modifications until otherwise indicated in new editions.

7.8.66 NOK_NKCEL_NRTTCHRECONF_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
CELL_ID		VARCHAR2(50)	[PMMOResult_Traffic] WBTS & "/" & CELLID
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
XDRXAJLDMM2AICSD002UAXYBDK	M1002C557	NUMBER	[PMMOResult_Traffic] M1002C557
XDRXAJNDMM2AICSD002UAXYBDK	M1002C558	NUMBER	[PMMOResult_Traffic] M1002C558
XDRXAJPDMM2AICSD002UAXYBDK	M1002C559	NUMBER	[PMMOResult_Traffic] M1002C559
XDRXAJRDMM2AICSD002UAXYBDK	M1002C560	NUMBER	[PMMOResult_Traffic] M1002C560
XDRXAO0DMM2AICSD002UAXYBDK	M1002C628	NUMBER	[PMMOResult_Traffic] M1002C628
XDRXAO2DMM2AICSD002UAXYBDK	M1002C629	NUMBER	[PMMOResult_Traffic] M1002C629

7.8.67 NOK_NKCEL_OLPC_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
CELL_ID		VARCHAR2(50)	[PMMOResult_RCPM_OLPC] WBTS & "/" & CELLID
RADIO_CONNECTION_TYPE_ID		VARCHAR2(100)	[PMMOResult_RCPM_OLPC] TR_CLASS & ":" & RAB_BR & ":" & RB_BR & ":" & BER_SDU
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
UGPUGUJ1IM2AHSXR0035XKCUAI	M1016C15	FLOAT	[PMMOResult_RCPM_OLPC] M1016C15
UGPUGUL1IM2AHSXR0035XKCUAI	M1016C16	FLOAT	[PMMOResult_RCPM_OLPC] M1016C16

UGPUGUN1IM2AHSXR003 5XKCUAI	M1016C17	NUMBER	[PMMOResult_RCPM_OLPC] M1016C17
UGPUGUR1IM2AHSXR003 5XKCUAI	M1016C18	NUMBER	[PMMOResult_RCPM_OLPC] M1016C18
UGPUGUT1IM2AHSXR003 5XKCUAI	M1016C19	NUMBER	[PMMOResult_RCPM_OLPC] M1016C19
UGPUHEL1IM2AHSXR0035 XKCUAI	M1016C0	FLOAT	[PMMOResult_RCPM_OLPC] M1016C0
UGPUHEN1IM2AHSXR003 5XKCUAI	M1016C1	NUMBER	[PMMOResult_RCPM_OLPC] M1016C1
UGPUHEP1IM2AHSXR0035 XKCUAI	M1016C2	FLOAT	[PMMOResult_RCPM_OLPC] M1016C2
UGPUHER1IM2AHSXR0035 XKCUAI	M1016C3	NUMBER	[PMMOResult_RCPM_OLPC] M1016C3
UGPUHET1IM2AHSXR0035 XKCUAI	M1016C4	NUMBER	[PMMOResult_RCPM_OLPC] M1016C4
UGPUHEV1IM2AHSXR003 5XKCUAI	M1016C5	NUMBER	[PMMOResult_RCPM_OLPC] M1016C5
UGPUHEX1IM2AHSXR003 5XKCUAI	M1016C6	FLOAT	[PMMOResult_RCPM_OLPC] M1016C6
UGPUHF01IM2AHSXR0035 XKCUAI	M1016C7	NUMBER	[PMMOResult_RCPM_OLPC] M1016C7
UGPUHF21IM2AHSXR0035 XKCUAI	M1016C8	FLOAT	[PMMOResult_RCPM_OLPC] M1016C8
UGPUHF41IM2AHSXR0035 XKCUAI	M1016C9	NUMBER	[PMMOResult_RCPM_OLPC] M1016C9
UGPUHF61IM2AHSXR0035 XKCUAI	M1016C10	FLOAT	[PMMOResult_RCPM_OLPC] M1016C10
UGPUHFB1IM2AHSXR0035 XKCUAI	M1016C11	NUMBER	[PMMOResult_RCPM_OLPC] M1016C11
UGPUHFD1IM2AHSXR0035	M1016C12	NUMBER	[PMMOResult_RCPM_OLPC]

This edition applies to IBM® Tivoli® Netcool® Performance Manager for Wireless and to all subsequent releases and modifications until otherwise indicated in new editions.

XKCUAI			M1016C12
UGPUHFF1IM2AHSXR0035XKCUAI	M1016C13	NUMBER	[PMMOResult_RCPM_OLPC] M1016C13
UGPUHFH1IM2AHSXR0035XKCUAI	M1016C14	NUMBER	[PMMOResult_RCPM_OLPC] M1016C14

7.8.68 NOK_NKCEL_PKTCLCONGES_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
CELL_ID		VARCHAR2(50)	[PMMOResult_Packet_call] WBTS & "/" & CELLID
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
UGPUHCX1IM2AHSXR0035XKCUAI	M1022C69	NUMBER	[PMMOResult_Packet_call] M1022C69
UGPUHD01IM2AHSXR0035XKCUAI	M1022C70	NUMBER	[PMMOResult_Packet_call] M1022C70
UGPUHD21IM2AHSXR0035XKCUAI	M1022C71	NUMBER	[PMMOResult_Packet_call] M1022C71
UGPUHD41IM2AHSXR0035XKCUAI	M1022C72	NUMBER	[PMMOResult_Packet_call] M1022C72
UGPUHD61IM2AHSXR0035XKCUAI	M1022C73	NUMBER	[PMMOResult_Packet_call] M1022C73
UGPUHDB1IM2AHSXR0035XKCUAI	M1022C74	NUMBER	[PMMOResult_Packet_call] M1022C74
UGPUHDD1IM2AHSXR0035XKCUAI	M1022C75	NUMBER	[PMMOResult_Packet_call] M1022C75
UGPUHDF1IM2AHSXR0035XKCUAI	M1022C76	NUMBER	[PMMOResult_Packet_call] M1022C76
UGPUHDH1IM2AHSXR0035XKCUAI	M1022C77	NUMBER	[PMMOResult_Packet_call] M1022C77

7.8.69 NOK_NKCEL_PKTCLSALLOC_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping

CELL_ID		VARCHAR2(50)	[PMMOResult_Packet_call] WBTS & "/" & CELLID
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
XJVHDSHDMM2AICSD002UAXYBDK	M1022C214	NUMBER	[PMMOResult_Packet_call] M1022C214
XJVHDSJDMM2AICSD002UAXYBDK	M1022C215	NUMBER	[PMMOResult_Packet_call] M1022C215
XJVHDSLDMM2AICSD002UAXYBDK	M1022C216	NUMBER	[PMMOResult_Packet_call] M1022C216
XJVHDSNDMM2AICSD002UAXYBDK	M1022C217	NUMBER	[PMMOResult_Packet_call] M1022C217
XJVHDSPDMM2AICSD002UAXYBDK	M1022C218	NUMBER	[PMMOResult_Packet_call] M1022C218
XJVHDSRDMM2AICSD002UAXYBDK	M1022C219	NUMBER	[PMMOResult_Packet_call] M1022C219
XJVHDSTDMM2AICSD002UAXYBDK	M1022C220	NUMBER	[PMMOResult_Packet_call] M1022C220
XJVHDSVDMM2AICSD002UAXYBDK	M1022C221	NUMBER	[PMMOResult_Packet_call] M1022C221
XJVHDSXDMM2AICSD002UAXYBDK	M1022C222	NUMBER	[PMMOResult_Packet_call] M1022C222
UGPUH5J1IM2AHSXR0035XKCUAI	M1022C0	NUMBER	[PMMOResult_Packet_call] M1022C0
UGPUH5L1IM2AHSXR0035XKCUAI	M1022C1	NUMBER	[PMMOResult_Packet_call] M1022C1
UGPUH5N1IM2AHSXR0035XKCUAI	M1022C2	NUMBER	[PMMOResult_Packet_call] M1022C2
UGPUHA01IM2AHSXR0035XKCUAI	M1022C22	NUMBER	[PMMOResult_Packet_call] M1022C22
UGPUHA21IM2AHSXR0035	M1022C23	NUMBER	[PMMOResult_Packet_call]

This edition applies to IBM® Tivoli® Netcool® Performance Manager for Wireless and to all subsequent releases and modifications until otherwise indicated in new editions.

XKCUAI			M1022C23
UGPUHA41IM2AHSXR0035XKCUAI	M1022C24	NUMBER	[PMMOResult_Packet_call] M1022C24
UGPUHA61IM2AHSXR0035XKCUAI	M1022C25	NUMBER	[PMMOResult_Packet_call] M1022C25
UGPUHAB1IM2AHSXR0035XKCUAI	M1022C26	NUMBER	[PMMOResult_Packet_call] M1022C26
UGPUHAD1IM2AHSXR0035XKCUAI	M1022C27	NUMBER	[PMMOResult_Packet_call] M1022C27
UGPUHAF1IM2AHSXR0035XKCUAI	M1022C28	NUMBER	[PMMOResult_Packet_call] M1022C28
UGPUHAH1IM2AHSXR0035XKCUAI	M1022C29	NUMBER	[PMMOResult_Packet_call] M1022C29
UGPUHAJ1IM2AHSXR0035XKCUAI	M1022C30	NUMBER	[PMMOResult_Packet_call] M1022C30
UGPUHAL1IM2AHSXR0035XKCUAI	M1022C31	NUMBER	[PMMOResult_Packet_call] M1022C31
UGPUHAN1IM2AHSXR0035XKCUAI	M1022C32	NUMBER	[PMMOResult_Packet_call] M1022C32
UGPUHDJ1IM2AHSXR0035XKCUAI	M1022C78	NUMBER	[PMMOResult_Packet_call] M1022C78
UGPUHDL1IM2AHSXR0035XKCUAI	M1022C79	NUMBER	[PMMOResult_Packet_call] M1022C79
UGPUHDN1IM2AHSXR0035XKCUAI	M1022C80	NUMBER	[PMMOResult_Packet_call] M1022C80
UGPUHDP1IM2AHSXR0035XKCUAI	M1022C81	NUMBER	[PMMOResult_Packet_call] M1022C81
UGPUHDR1IM2AHSXR0035XKCUAI	M1022C82	NUMBER	[PMMOResult_Packet_call] M1022C82

7.8.70 NOK_NKCEL_PKTCLSREL_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
CELL_ID		VARCHAR2(50)	[PMMOResult_Packet_call] WBTS & "/" & CELLID

TSTAMP		DATE	
INSTANCE_ID		NUMBER	
UGPUHBF1IM2AHSXR0035XKCUAI	M1022C44	NUMBER	[PMMOResult_Packet_call] M1022C44
UGPUHBH1IM2AHSXR0035XKCUAI	M1022C45	NUMBER	[PMMOResult_Packet_call] M1022C45
UGPUHBJ1IM2AHSXR0035XKCUAI	M1022C46	NUMBER	[PMMOResult_Packet_call] M1022C46
UGPUHBL1IM2AHSXR0035XKCUAI	M1022C47	NUMBER	[PMMOResult_Packet_call] M1022C47
UGPUHBN1IM2AHSXR0035XKCUAI	M1022C48	NUMBER	[PMMOResult_Packet_call] M1022C48
UGPUHBP1IM2AHSXR0035XKCUAI	M1022C49	NUMBER	[PMMOResult_Packet_call] M1022C49
UGPUHBR1IM2AHSXR0035XKCUAI	M1022C50	NUMBER	[PMMOResult_Packet_call] M1022C50
UGPUHBT1IM2AHSXR0035XKCUAI	M1022C51	NUMBER	[PMMOResult_Packet_call] M1022C51
UGPUHBV1IM2AHSXR0035XKCUAI	M1022C52	NUMBER	[PMMOResult_Packet_call] M1022C52
UGPUHBX1IM2AHSXR0035XKCUAI	M1022C53	NUMBER	[PMMOResult_Packet_call] M1022C53
UGPUHC01IM2AHSXR0035XKCUAI	M1022C54	NUMBER	[PMMOResult_Packet_call] M1022C54
UGPUHC21IM2AHSXR0035XKCUAI	M1022C55	NUMBER	[PMMOResult_Packet_call] M1022C55
UGPUHC41IM2AHSXR0035XKCUAI	M1022C56	NUMBER	[PMMOResult_Packet_call] M1022C56
UGPUHC61IM2AHSXR0035XKCUAI	M1022C57	NUMBER	[PMMOResult_Packet_call] M1022C57
UGPUHCB1IM2AHSXR0035	M1022C58	NUMBER	[PMMOResult_Packet_call]

This edition applies to IBM® Tivoli® Netcool® Performance Manager for Wireless and to all subsequent releases and modifications until otherwise indicated in new editions.

XKCUAI			M1022C58
UGPUHCD1IM2AHSXR0035XKCUAI	M1022C59	NUMBER	[PMMOResult_Packet_call] M1022C59
UGPUHCF1IM2AHSXR0035XKCUAI	M1022C60	NUMBER	[PMMOResult_Packet_call] M1022C60
UGPUHCH1IM2AHSXR0035XKCUAI	M1022C61	NUMBER	[PMMOResult_Packet_call] M1022C61
UGPUHCJ1IM2AHSXR0035XKCUAI	M1022C62	NUMBER	[PMMOResult_Packet_call] M1022C62
UGPUHCL1IM2AHSXR0035XKCUAI	M1022C63	NUMBER	[PMMOResult_Packet_call] M1022C63
UGPUHCN1IM2AHSXR0035XKCUAI	M1022C64	NUMBER	[PMMOResult_Packet_call] M1022C64
UGPUHCP1IM2AHSXR0035XKCUAI	M1022C65	NUMBER	[PMMOResult_Packet_call] M1022C65
UGPUHCR1IM2AHSXR0035XKCUAI	M1022C66	NUMBER	[PMMOResult_Packet_call] M1022C66
UGPUHCT1IM2AHSXR0035XKCUAI	M1022C67	NUMBER	[PMMOResult_Packet_call] M1022C67
UGPUHCV1IM2AHSXR0035XKCUAI	M1022C68	NUMBER	[PMMOResult_Packet_call] M1022C68
XJVHDQXDMM2AICSD002UAXYBDK	M1022C190	NUMBER	[PMMOResult_Packet_call] M1022C190
XJVHDR0DMM2AICSD002UAXYBDK	M1022C191	NUMBER	[PMMOResult_Packet_call] M1022C191
XJVHDR2DMM2AICSD002UAXYBDK	M1022C192	NUMBER	[PMMOResult_Packet_call] M1022C192
XJVHDR4DMM2AICSD002UAXYBDK	M1022C193	NUMBER	[PMMOResult_Packet_call] M1022C193
XJVHDR6DMM2AICSD002UAXYBDK	M1022C194	NUMBER	[PMMOResult_Packet_call] M1022C194
XJVHDRBDMM2AICSD002UAXYBDK	M1022C195	NUMBER	[PMMOResult_Packet_call] M1022C195
XJVHDRPDMM2AICSD002UAXYBDK	M1022C202	NUMBER	[PMMOResult_Packet_call] M1022C202

XJVHDRRDMM2AICSD002UAXYBDK	M1022C203	NUMBER	[PMMOResult_Packet_call] M1022C203
XJVHDRTDMM2AICSD002UAXYBDK	M1022C204	NUMBER	[PMMOResult_Packet_call] M1022C204
XJVHDRVDMM2AICSD002UAXYBDK	M1022C205	NUMBER	[PMMOResult_Packet_call] M1022C205
XJVHDRXDMM2AICSD002UAXYBDK	M1022C206	NUMBER	[PMMOResult_Packet_call] M1022C206
XJVHDS0DMM2AICSD002UAXYBDK	M1022C207	NUMBER	[PMMOResult_Packet_call] M1022C207
XJVHDS2DMM2AICSD002UAXYBDK	M1022C208	NUMBER	[PMMOResult_Packet_call] M1022C208
XJVHDS4DMM2AICSD002UAXYBDK	M1022C209	NUMBER	[PMMOResult_Packet_call] M1022C209
XJVHDS6DMM2AICSD002UAXYBDK	M1022C210	NUMBER	[PMMOResult_Packet_call] M1022C210
XJVHDSBDMM2AICSD002UAXYBDK	M1022C211	NUMBER	[PMMOResult_Packet_call] M1022C211
XJVHDSDDMM2AICSD002UAXYBDK	M1022C212	NUMBER	[PMMOResult_Packet_call] M1022C212
XJVHDSFDMM2AICSD002UAXYBDK	M1022C213	NUMBER	[PMMOResult_Packet_call] M1022C213
YWYI0RBDPV2AICSDJ02UAXYBDK	PC_PKT_SSR_RT	FLOAT	[PMMOResult_Packet_call] if (M1022C208 + M1022C209 + M1022C210 + M1022C211 + M1022C212 + M1022C213+ M1022C202 + M1022C203 + M1022C204)=0 then 100 else 100 - 100 * ((M1022C208 + M1022C209 + M1022C210 + M1022C211 + M1022C212 + M1022C213) / (M1022C208 + M1022C209 + M1022C210

This edition applies to IBM® Tivoli® Netcool® Performance Manager for Wireless and to all subsequent releases and modifications until otherwise indicated in new editions.

			+ M1022C211 + M1022C212 + M1022C213+ M1022C202 + M1022C203 + M1022C204))
YWYI0RDDPV2AICSDJ02UAXYBDK	PC_HSDSUCRATUSER	FLOAT	[PMMOResult_Packet_call] if (M1022C208 + M1022C209 + M1022C211 + M1022C212 + M1022C202 + M1022C203)=0 then 100 else 100 - 100 * ((M1022C208 + M1022C209 + M1022C211 + M1022C212) / (M1022C208 + M1022C209 + M1022C211 + M1022C212 + M1022C202 + M1022C203))

7.8.71 NOK_NKCEL_PKTCLSTFAIL_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
CELL_ID		VARCHAR2(50)	[PMMOResult_Packet_call] WBTS & "/" & CELLID
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
XJVHDQLDMM2AICSD002UAXYBDK	M1022C184	NUMBER	[PMMOResult_Packet_call] M1022C184
XJVHDQNDMM2AICSD002UAXYBDK	M1022C185	NUMBER	[PMMOResult_Packet_call] M1022C185
XJVHDQPDMM2AICSD002UAXYBDK	M1022C186	NUMBER	[PMMOResult_Packet_call] M1022C186
XJVHDQRDMM2AICSD002UAXYBDK	M1022C187	NUMBER	[PMMOResult_Packet_call] M1022C187
XJVHDQTDMM2AICSD002UAXYBDK	M1022C188	NUMBER	[PMMOResult_Packet_call] M1022C188
XJVHDQVDMM2AICSD002UAXYBDK	M1022C189	NUMBER	[PMMOResult_Packet_call] M1022C189
UGPUH621IM2AHSXR0035XKCUAI	M1022C9	NUMBER	[PMMOResult_Packet_call] M1022C9
UGPUH641IM2AHSXR0035X	M1022C10	NUMBER	[PMMOResult_Packet_call]

KCUAI			M1022C10
UGPUH661IM2AHSXR0035X KCUAI	M1022C11	NUMBER	[PMMOResult_Packet_call] M1022C11
UGPUH6B1IM2AHSXR0035X KCUAI	M1022C12	NUMBER	[PMMOResult_Packet_call] M1022C12
UGPUH6D1IM2AHSXR0035X KCUAI	M1022C13	NUMBER	[PMMOResult_Packet_call] M1022C13
UGPUH6F1IM2AHSXR0035X KCUAI	M1022C14	NUMBER	[PMMOResult_Packet_call] M1022C14
UGPUH6H1IM2AHSXR0035X KCUAI	M1022C15	NUMBER	[PMMOResult_Packet_call] M1022C15
UGPUH6J1IM2AHSXR0035X KCUAI	M1022C16	NUMBER	[PMMOResult_Packet_call] M1022C16
UGPUH6L1IM2AHSXR0035X KCUAI	M1022C17	NUMBER	[PMMOResult_Packet_call] M1022C17
UGPUH6N1IM2AHSXR0035X KCUAI	M1022C18	NUMBER	[PMMOResult_Packet_call] M1022C18
UGPUH6P1IM2AHSXR0035X KCUAI	M1022C19	NUMBER	[PMMOResult_Packet_call] M1022C19
UGPUH6R1IM2AHSXR0035X KCUAI	M1022C20	NUMBER	[PMMOResult_Packet_call] M1022C20
UGPUH6X1IM2AHSXR0035X KCUAI	M1022C21	NUMBER	[PMMOResult_Packet_call] M1022C21

7.8.72 NOK_NKCEL_PKTCLSTUP_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
CELL_ID		VARCHAR2(50)	[PMMOResult_Packet_call] WBTS & "/" & CELLID
TSTAMP		DATE	
INSTANCE_ID		NUMBER	

This edition applies to IBM® Tivoli® Netcool® Performance Manager for Wireless and to all subsequent releases and modifications until otherwise indicated in new editions.

XJVHDQFDMM2AICSD002UAXYBDK	M1022C181	NUMBER	[PMMOResult_Packet_call] M1022C181
XJVHDQHDMM2AICSD002UAXYBDK	M1022C182	NUMBER	[PMMOResult_Packet_call] M1022C182
XJVHDQJDMM2AICSD002UAXYBDK	M1022C183	NUMBER	[PMMOResult_Packet_call] M1022C183
YWYI0R2DPV2AICSDJ02UAXYBDK	PC_PKT_SSSR_RT	FLOAT	[PMMOResult_Packet_call] if (M1022C181 + M1022C182 + M1022C83)=0 then 0 else 100 * ((M1022C190 + M1022C191 + M1022C192 + M1022C193 + M1022C194 + M1022C195) / (M1022C181 + M1022C182 + M1022C183))
UGPUH5P1IM2AHSXR0035XKCUAI	M1022C3	NUMBER	[PMMOResult_Packet_call] M1022C3
UGPUH5R1IM2AHSXR0035XKCUAI	M1022C4	NUMBER	[PMMOResult_Packet_call] M1022C4
UGPUH5T1IM2AHSXR0035XKCUAI	M1022C5	NUMBER	[PMMOResult_Packet_call] M1022C5
UGPUH5V1IM2AHSXR0035XKCUAI	M1022C6	NUMBER	[PMMOResult_Packet_call] M1022C6
UGPUH5X1IM2AHSXR0035XKCUAI	M1022C7	NUMBER	[PMMOResult_Packet_call] M1022C7
UGPUH601IM2AHSXR0035XKCUAI	M1022C8	NUMBER	[PMMOResult_Packet_call] M1022C8

7.8.73 NOK_NKCEL_PKTCLSWTCH_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
CELL_ID		VARCHAR2(50)	[PMMOResult_Packet_call] WBTS & "/" & CELLID
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
XJVHDOBDMM2AICSD002UAXYBDK	M1022C147	NUMBER	[PMMOResult_Packet_call] M1022C147

XJVHDODDMM2AICSD002U AXYBDK	M1022C148	NUMBER	[PMMOResult_Packet_call] M1022C148
XJVHDOFDMM2AICSD002U AXYBDK	M1022C149	NUMBER	[PMMOResult_Packet_call] M1022C149
XJVHDOHDMM2AICSD002U AXYBDK	M1022C150	NUMBER	[PMMOResult_Packet_call] M1022C150
XJVHDOJDMM2AICSD002U AXYBDK	M1022C151	NUMBER	[PMMOResult_Packet_call] M1022C151
XJVHDOLDMM2AICSD002U AXYBDK	M1022C152	NUMBER	[PMMOResult_Packet_call] M1022C152
XJVHDONDMM2AICSD002U AXYBDK	M1022C153	NUMBER	[PMMOResult_Packet_call] M1022C153
XJVHDOPDMM2AICSD002U AXYBDK	M1022C154	NUMBER	[PMMOResult_Packet_call] M1022C154
XJVHDORDMM2AICSD002U AXYBDK	M1022C155	NUMBER	[PMMOResult_Packet_call] M1022C155
XJVHDOTDMM2AICSD002U AXYBDK	M1022C156	NUMBER	[PMMOResult_Packet_call] M1022C156
XJVHDOVDMM2AICSD002U AXYBDK	M1022C157	NUMBER	[PMMOResult_Packet_call] M1022C157
XJVHDOXDMM2AICSD002U AXYBDK	M1022C158	NUMBER	[PMMOResult_Packet_call] M1022C158
XJVHDP0DMM2AICSD002U AXYBDK	M1022C159	NUMBER	[PMMOResult_Packet_call] M1022C159
XJVHDP2DMM2AICSD002U AXYBDK	M1022C160	NUMBER	[PMMOResult_Packet_call] M1022C160
XJVHDP4DMM2AICSD002U AXYBDK	M1022C161	NUMBER	[PMMOResult_Packet_call] M1022C161
XJVHDP6DMM2AICSD002U AXYBDK	M1022C162	NUMBER	[PMMOResult_Packet_call] M1022C162
XJVHDPBDMM2AICSD002U	M1022C163	NUMBER	[PMMOResult_Packet_call]

This edition applies to IBM® Tivoli® Netcool® Performance Manager for Wireless and to all subsequent releases and modifications until otherwise indicated in new editions.

AXYBDK			M1022C163
XJVHDPDDMM2AICSD002U AXYBDK	M1022C164	NUMBER	[PMMOResult_Packet_call] M1022C164
XJVHDPFDMM2AICSD002U AXYBDK	M1022C165	NUMBER	[PMMOResult_Packet_call] M1022C165
XJVHDPHDMM2AICSD002U AXYBDK	M1022C166	NUMBER	[PMMOResult_Packet_call] M1022C166
XJVHDPJDMM2AICSD002U AXYBDK	M1022C167	NUMBER	[PMMOResult_Packet_call] M1022C167
XJVHDPLDMM2AICSD002U AXYBDK	M1022C168	NUMBER	[PMMOResult_Packet_call] M1022C168
XJVHDPNDMM2AICSD002U AXYBDK	M1022C169	NUMBER	[PMMOResult_Packet_call] M1022C169
XJVHDPPDMM2AICSD002U AXYBDK	M1022C170	NUMBER	[PMMOResult_Packet_call] M1022C170
XJVHDPRDMM2AICSD002U AXYBDK	M1022C171	NUMBER	[PMMOResult_Packet_call] M1022C171
XJVHDPTDMM2AICSD002U AXYBDK	M1022C172	NUMBER	[PMMOResult_Packet_call] M1022C172
XJVHDPVDMM2AICSD002U AXYBDK	M1022C173	NUMBER	[PMMOResult_Packet_call] M1022C173
XJVHDPXDMM2AICSD002U AXYBDK	M1022C174	NUMBER	[PMMOResult_Packet_call] M1022C174
XJVHDQ0DMM2AICSD002U AXYBDK	M1022C175	NUMBER	[PMMOResult_Packet_call] M1022C175
XJVHDQ2DMM2AICSD002U AXYBDK	M1022C176	NUMBER	[PMMOResult_Packet_call] M1022C176
XJVHDQ4DMM2AICSD002U AXYBDK	M1022C177	NUMBER	[PMMOResult_Packet_call] M1022C177
XJVHDQ6DMM2AICSD002U AXYBDK	M1022C178	NUMBER	[PMMOResult_Packet_call] M1022C178
XJVHDQBDMM2AICSD002U AXYBDK	M1022C179	NUMBER	[PMMOResult_Packet_call] M1022C179
XJVHDQDDMM2AICSD002U AXYBDK	M1022C180	NUMBER	[PMMOResult_Packet_call] M1022C180

XJVHDRDDMM2AICSD002UAXYBDK	M1022C196	NUMBER	[PMMOResult_Packet_call] M1022C196
XJVHDRFDMM2AICSD002UAXYBDK	M1022C197	NUMBER	[PMMOResult_Packet_call] M1022C197
XJVHDRHDMM2AICSD002UAXYBDK	M1022C198	NUMBER	[PMMOResult_Packet_call] M1022C198
XJVHDRJDMM2AICSD002UAXYBDK	M1022C199	NUMBER	[PMMOResult_Packet_call] M1022C199
XJVHDRLDMM2AICSD002UAXYBDK	M1022C200	NUMBER	[PMMOResult_Packet_call] M1022C200
XJVHDRNDMM2AICSD002UAXYBDK	M1022C201	NUMBER	[PMMOResult_Packet_call] M1022C201
UGPUHAP1IM2AHSXR0035XKCUAI	M1022C33	NUMBER	[PMMOResult_Packet_call] M1022C33
UGPUHAR1IM2AHSXR0035XKCUAI	M1022C34	NUMBER	[PMMOResult_Packet_call] M1022C34
UGPUHAT1IM2AHSXR0035XKCUAI	M1022C35	NUMBER	[PMMOResult_Packet_call] M1022C35
UGPUHAV1IM2AHSXR0035XKCUAI	M1022C36	NUMBER	[PMMOResult_Packet_call] M1022C36
UGPUHAX1IM2AHSXR0035XKCUAI	M1022C37	NUMBER	[PMMOResult_Packet_call] M1022C37
UGPUHB01IM2AHSXR0035XKCUAI	M1022C38	NUMBER	[PMMOResult_Packet_call] M1022C38
UGPUHB21IM2AHSXR0035XKCUAI	M1022C39	NUMBER	[PMMOResult_Packet_call] M1022C39
UGPUHB41IM2AHSXR0035XKCUAI	M1022C40	NUMBER	[PMMOResult_Packet_call] M1022C40
UGPUHB61IM2AHSXR0035XKCUAI	M1022C41	NUMBER	[PMMOResult_Packet_call] M1022C41
UGPUHBB1IM2AHSXR0035	M1022C42	NUMBER	[PMMOResult_Packet_call]

This edition applies to IBM® Tivoli® Netcool® Performance Manager for Wireless and to all subsequent releases and modifications until otherwise indicated in new editions.

XKCUAI			M1022C42
UGPUHBD1IM2AHSXR0035 XKCUAI	M1022C43	NUMBER	[PMMOResult_Packet_call] M1022C43

7.8.74 NOK_NKCEL_PRAPRPDEL_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
CELL_ID		VARCHAR2(50)	[PMMOResult_RRC] WBTS & "/" & CELLID
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
UAQAD121IM2AHSXR0035 XKCUAI	M1006C128	NUMBER	[PMMOResult_RRC] M1006C128
UAQAD141IM2AHSXR0035 XKCUAI	M1006C129	NUMBER	[PMMOResult_RRC] M1006C129
UAQAD161IM2AHSXR0035 XKCUAI	M1006C130	NUMBER	[PMMOResult_RRC] M1006C130
UAQAD1B1IM2AHSXR003 5XKCUAI	M1006C131	NUMBER	[PMMOResult_RRC] M1006C131
UAQAD1D1IM2AHSXR003 5XKCUAI	M1006C132	NUMBER	[PMMOResult_RRC] M1006C132
UAQAD1F1IM2AHSXR0035 XKCUAI	M1006C133	NUMBER	[PMMOResult_RRC] M1006C133
UAQAD1H1IM2AHSXR003 5XKCUAI	M1006C134	NUMBER	[PMMOResult_RRC] M1006C134
UAQAD1J1IM2AHSXR0035 XKCUAI	M1006C135	NUMBER	[PMMOResult_RRC] M1006C135
UAQAD1L1IM2AHSXR0035 XKCUAI	M1006C136	NUMBER	[PMMOResult_RRC] M1006C136
UAQAD1N1IM2AHSXR003 5XKCUAI	M1006C137	NUMBER	[PMMOResult_RRC] M1006C137
UAQAD1P1IM2AHSXR0035 XKCUAI	M1006C138	NUMBER	[PMMOResult_RRC] M1006C138
UAQAD1R1IM2AHSXR003 5XKCUAI	M1006C139	NUMBER	[PMMOResult_RRC] M1006C139

UAQAD1T1IM2AHSXR0035XKCUAI	M1006C140	NUMBER	[PMMOResult_RRC] M1006C140
UAQAD1V1IM2AHSXR0035XKCUAI	M1006C141	NUMBER	[PMMOResult_RRC] M1006C141
UAQAD1X1IM2AHSXR0035XKCUAI	M1006C142	NUMBER	[PMMOResult_RRC] M1006C142
UAQAD201IM2AHSXR0035XKCUAI	M1006C143	NUMBER	[PMMOResult_RRC] M1006C143
UAQAD221IM2AHSXR0035XKCUAI	M1006C144	NUMBER	[PMMOResult_RRC] M1006C144
UAQAD241IM2AHSXR0035XKCUAI	M1006C145	NUMBER	[PMMOResult_RRC] M1006C145
UAQAD261IM2AHSXR0035XKCUAI	M1006C146	NUMBER	[PMMOResult_RRC] M1006C146
UAQAD2B1IM2AHSXR0035XKCUAI	M1006C147	NUMBER	[PMMOResult_RRC] M1006C147
UAQAD2D1IM2AHSXR0035XKCUAI	M1006C148	NUMBER	[PMMOResult_RRC] M1006C148

7.8.75 NOK_NKCEL_PRXTTL_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
CELL_ID		VARCHAR2(50)	[PMMOResult_Cell_Resource] WBTS & "/" & CELLID
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
RBW2K6PAHL26SECCB00HW01QK4	MAXIMUM_PRXTOTAL	FLOAT	[PMMOResult_Cell_Resource] M1000C228
RBWT4RTAHL26SECCB00HW01QK4	MINIMUM_PRXTOTAL	FLOAT	[PMMOResult_Cell_Resource] M1000C229
RC2TWPDAHL26SECCB00H	AVG_UPLINK_LOAD	FLOAT	[PMMOResult_Cell_Resource

This edition applies to IBM® Tivoli® Netcool® Performance Manager for Wireless and to all subsequent releases and modifications until otherwise indicated in new editions.

W01QK4	_DBM		] avg_uplink_load_dbm
RBMC61XAHL26SECCB00HW01QK4	AVE_PRXTOT_CLASS_0	FLOAT	[PMMOResult_Cell_Resource] M1000C0
RBMW1KLAHL26SECCB00HW01QK4	PRXTOT_DENOM_0	NUMBER	[PMMOResult_Cell_Resource] M1000C1
RBNJENDAHL26SECCB00HW01QK4	AVE_PRXTOT_CLASS_1	FLOAT	[PMMOResult_Cell_Resource] M1000C2
RBO53VLAHL26SECCB00HW01QK4	PRXTOT_DENOM_1	NUMBER	[PMMOResult_Cell_Resource] M1000C3
RBOUOS6AHL26SECCB00HW01QK4	AVE_PRXTOT_CLASS_2	FLOAT	[PMMOResult_Cell_Resource] M1000C4
RBPJXNPAHL26SECCB00HW01QK4	PRXTOT_DENOM_2	NUMBER	[PMMOResult_Cell_Resource] M1000C5
RBQAIMXAHL26SECCB00HW01QK4	AVE_PRXTOT_CLASS_3	FLOAT	[PMMOResult_Cell_Resource] M1000C6
RBQX4FHAHL26SECCB00HW01QK4	PRXTOT_DENOM_3	NUMBER	[PMMOResult_Cell_Resource] M1000C7
RBROLHXAHL26SECCB00HW01QK4	AVE_PRXTOT_CLASS_4	FLOAT	[PMMOResult_Cell_Resource] M1000C8
RBSGHS2AHL26SECCB00HW01QK4	PRXTOT_DENOM_4	NUMBER	[PMMOResult_Cell_Resource] M1000C9
RBT4256AHL26SECCB00HW01QK4	AVE_PRX_NOISE	FLOAT	[PMMOResult_Cell_Resource] M1000C10
RBTU26DAHL26SECCB00HW01QK4	PRX_NOISE_DENOM_1	NUMBER	[PMMOResult_Cell_Resource] M1000C11
RBUOMA2AHL26SECCB00HW01QK4	MAXIMUM_PRX_NOISE_VALUE	FLOAT	[PMMOResult_Cell_Resource] M1000C12
RBVEVYPAHL26SECCB00HW01QK4	MINIMUM_PRX_NOISE_VALUE	FLOAT	[PMMOResult_Cell_Resource] M1000C13

7.8.76 NOK_NKCEL_PTXEST_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
CELL_ID		VARCHAR2(50)	[PMMOResult_Cell_Resource] WBTS & "/" & CELLID

TSTAMP		DATE	
INSTANCE_ID		NUMBER	
RC3KEJDAHL26SECCB00HW01QK4	AVE_PTX_RT_CLASS_0	FLOAT	[PMMOResult_Cell_Resource]M1000C93
RC4BTLPAHL26SECCB00HW01QK4	PTX_RT_DENOM_0	NUMBER	[PMMOResult_Cell_Resource]M1000C94
RC4Y1OPAHL26SECCB00HW01QK4	AVE_PTX_RT_CLASS_1	FLOAT	[PMMOResult_Cell_Resource]M1000C95
RC5TT4DAHL26SECCB00HW01QK4	PTX_RT_DENOM_1	NUMBER	[PMMOResult_Cell_Resource]M1000C96
RC6L1A2AHL26SECCB00HW01QK4	AVE_PTX_RT_CLASS_2	FLOAT	[PMMOResult_Cell_Resource]M1000C97
RCABXO2AHL26SECCB00HW01QK4	PTX_RT_DENOM_2	NUMBER	[PMMOResult_Cell_Resource]M1000C98
RCB1JDDAHL26SECCB00HW01QK4	AVE_PTX_RT_CLASS_3	FLOAT	[PMMOResult_Cell_Resource]M1000C99
RCBTKS6AHL26SECCB00HW01QK4	PTX_RT_DENOM_3	NUMBER	[PMMOResult_Cell_Resource]M1000C100
RCCJO46AHL26SECCB00HW01QK4	AVE_PTX_RT_CLASS_4	FLOAT	[PMMOResult_Cell_Resource]M1000C101
RCDAKF2AHL26SECCB00HW01QK4	PTX_RT_DENOM_4	NUMBER	[PMMOResult_Cell_Resource]M1000C102
RCDYS5PAHL26SECCB00HW01QK4	AVE_PTX_NRT_CLASS_0	FLOAT	[PMMOResult_Cell_Resource]M1000C44
RCF1LMXAHL26SECCB00HW01QK4	PTX_NRT_DENOM_0	NUMBER	[PMMOResult_Cell_Resource]M1000C45
RCFSSTTAHL26SECCB00HW01QK4	AVE_PTX_NRT_CLASS_1	FLOAT	[PMMOResult_Cell_Resource]M1000C46
RCGK5GXAHL26SECCB00HW01QK4	PTX_NRT_DENOM_1	NUMBER	[PMMOResult_Cell_Resource]M1000C47
RCHE32PAHL26SECCB00H	AVE_PTX_NRT_CLA	FLOAT	[PMMOResult_Cell_Resource]

This edition applies to IBM® Tivoli® Netcool® Performance Manager for Wireless and to all subsequent releases and modifications until otherwise indicated in new editions.

W01QK4	SS_2		M1000C48
RCI1R3XAHL26SECCB00HW01QK4	PTX_NRT_DENOM_2	NUMBER	[PMMOResult_Cell_Resource] M1000C49
RCIQU4DAHL26SECCB00HW01QK4	AVE_PTX_NRT_CLASS_3	FLOAT	[PMMOResult_Cell_Resource] M1000C50
RCJH41HAHL26SECCB00HW01QK4	PTX_NRT_DENOM_3	NUMBER	[PMMOResult_Cell_Resource] M1000C51
RCK5FTLAHL26SECCB00HW01QK4	AVE_PTX_NRT_CLASS_4	FLOAT	[PMMOResult_Cell_Resource] M1000C52
RCKWT4HAHL26SECCB00HW01QK4	PTX_NRT_DENOM_4	NUMBER	[PMMOResult_Cell_Resource] M1000C53

7.8.77 NOK_NKCEL_PTXTGTPS_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
CELL_ID		VARCHAR2(50)	[PMMOResult_Cell_Resource] WBTS & "/" & CELLID
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
UAQACPT1IM2AHSXR0035XKCUAI	M1000C232	FLOAT	[PMMOResult_Cell_Resource] M1000C232
UAQACPV1IM2AHSXR0035XKCUAI	M1000C233	FLOAT	[PMMOResult_Cell_Resource] M1000C233
UAQACPX1IM2AHSXR0035XKCUAI	M1000C234	FLOAT	[PMMOResult_Cell_Resource] M1000C234
UAQACQ01IM2AHSXR0035XKCUAI	M1000C235	NUMBER	[PMMOResult_Cell_Resource] M1000C235

7.8.78 NOK_NKCEL_PTXTOT_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
CELL_ID		VARCHAR2(50)	[PMMOResult_Cell_Resource] WBTS & "/" & CELLID
TSTAMP		DATE	
INSTANCE_ID		NUMBER	

RCT4RJHAHL26SECCB00HW01QK4	M1000C138	FLOAT	[PMMOResult_Cell_Resource] M1000C138
RCTTSI6AHL26SECCB00HW01QK4	NON_HSDPA_POWER_DENOMINATOR	NUMBER	[PMMOResult_Cell_Resource] M1000C139
RCULI5HAHL26SECCB00HW01QK4	M1000C140	FLOAT	[PMMOResult_Cell_Resource] M1000C140
RCVCHPXAHL26SECCB00HW01QK4	M1000C141	NUMBER	[PMMOResult_Cell_Resource] M1000C141
RCVYVTDAHL26SECCB00HW01QK4	MAXIMUM_PTXTOTAL	FLOAT	[PMMOResult_Cell_Resource] M1000C230
RCWPOTHAHL26SECCB00HW01QK4	MINIMUM_PTXTOTAL	FLOAT	[PMMOResult_Cell_Resource] M1000C231
RCXHLQDAHL26SECCB00HW01QK4	AVG_DOWNLINK_LOAD_DBM	FLOAT	[PMMOResult_Cell_Resource] avg_downlink_load_dbm
UAQACQ21IM2AHSXR0035XKCUAI	M1000C236	FLOAT	[PMMOResult_Cell_Resource] M1000C236
UAQACQ41IM2AHSXR0035XKCUAI	M1000C237	FLOAT	[PMMOResult_Cell_Resource] M1000C237
UAQACQ61IM2AHSXR0035XKCUAI	M1000C238	FLOAT	[PMMOResult_Cell_Resource] M1000C238
UAQACQB1IM2AHSXR0035XKCUAI	M1000C239	NUMBER	[PMMOResult_Cell_Resource] M1000C239
RCLNTMDAHL26SECCB00HW01QK4	AVE_PTXTOT_CLASS_0	FLOAT	[PMMOResult_Cell_Resource] M1000C14
RCMF4IHAHL26SECCB00HW01QK4	PTXTOT_DENOM_0	NUMBER	[PMMOResult_Cell_Resource] M1000C15
RCN3HHPAHL26SECCB00HW01QK4	AVE_PTXTOT_CLASS_1	FLOAT	[PMMOResult_Cell_Resource] M1000C16
RCNVJIPAHL26SECCB00HW01QK4	PTXTOT_DENOM_1	NUMBER	[PMMOResult_Cell_Resource] M1000C17
RCONNWTAHL26SECCB00	AVE_PTXTOT_CLAS	FLOAT	[PMMOResult_Cell_Resourc

This edition applies to IBM® Tivoli® Netcool® Performance Manager for Wireless and to all subsequent releases and modifications until otherwise indicated in new editions.

HW01QK4	S_2		e] M1000C18
RCPGER2AHL26SECCB00HW01QK4	PTXTOT_DENOM_2	NUMBER	[PMMOResult_Cell_Resource] M1000C19
RCQ5A46AHL26SECCB00HW01QK4	AVE_PTXTOT_CLASS_3	FLOAT	[PMMOResult_Cell_Resource] M1000C20
RCQWEQDAHL26SECCB00HW01QK4	PTXTOT_DENOM_3	NUMBER	[PMMOResult_Cell_Resource] M1000C21
RCRQ6CDAHL26SECCB00HW01QK4	AVE_PTXTOT_CLASS_4	FLOAT	[PMMOResult_Cell_Resource] M1000C22
RCSGYNPAHL26SECCB00HW01QK4	PTXTOT_DENOM_4	NUMBER	[PMMOResult_Cell_Resource] M1000C23

7.8.79 NOK_NKCEL_RABACCMPCSDAT_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
CELL_ID		VARCHAR2(50)	[PMMOResult_Service_Level] WBTS & "/" & CELLID
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
RD1OH1TAHL26SECCB00HW01QK4	M1001C248	NUMBER	[PMMOResult_Service_Level] M1001C248
RD2HMJTAHL26SECCB00HW01QK4	M1001C249	NUMBER	[PMMOResult_Service_Level] M1001C249
RD36PPXAHL26SECCB00HW01QK4	M1001C250	NUMBER	[PMMOResult_Service_Level] M1001C250
RD3VEODAHL26SECCB00HW01QK4	M1001C332	NUMBER	[PMMOResult_Service_Level] M1001C332
RD4N02XAHL26SECCB00HW01QK4	M1001C333	NUMBER	[PMMOResult_Service_Level] M1001C333
RD5LMTTAHL26SECCB00HW01QK4	M1001C334	NUMBER	[PMMOResult_Service_Level] M1001C334
RD6B0JTAHL26SECCB00HW01QK4	M1001C417	NUMBER	[PMMOResult_Service_Level] M1001C417
RD6UYI2AHL26SECCB00HW01QK4	M1001C418	NUMBER	[PMMOResult_Service_Level] M1001C418

RCY66JDAHL26SECCB00HW01QK4	RAB_ACT_COMP_FOR_CS_VOICE_CALL	NUMBER	[PMMOResult_Service_Level] M1001C136
RD00DKHAHL26SECCB00HW01QK4	M1001C137	NUMBER	[PMMOResult_Service_Level] M1001C137
RD0VA2PAHL26SECCB00HW01QK4	M1001C138	NUMBER	[PMMOResult_Service_Level] M1001C138

7.8.80 NOK_NKCEL_RABACCMPPSDAT_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
CELL_ID		VARCHAR2(50)	[PMMOResult_Service_Level] WBTS & "/" & CELLID
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
RDD2XULAHL26SECCB00HW01QK4	M1001C243	NUMBER	[PMMOResult_Service_Level] M1001C243
RDDPAYPAHL26SECCB00HW01QK4	M1001C244	NUMBER	[PMMOResult_Service_Level] M1001C244
RDEDO66AHL26SECCB00HW01QK4	M1001C245	NUMBER	[PMMOResult_Service_Level] M1001C245
RDF12RPAHL26SECCB00HW01QK4	M1001C246	NUMBER	[PMMOResult_Service_Level] M1001C246
RDFQXBTAHL26SECCB00HW01QK4	M1001C251	NUMBER	[PMMOResult_Service_Level] M1001C251
RDGIE22AHL26SECCB00HW01QK4	M1001C252	NUMBER	[PMMOResult_Service_Level] M1001C252
RDH5U56AHL26SECCB00HW01QK4	M1001C253	NUMBER	[PMMOResult_Service_Level] M1001C253
RDHVKKLAHL26SECCB00HW01QK4	M1001C254	NUMBER	[PMMOResult_Service_Level] M1001C254
RDILCQ2AHL26SECCB00H	M1001C335	NUMBER	[PMMOResult_Service_Level]

This edition applies to IBM® Tivoli® Netcool® Performance Manager for Wireless and to all subsequent releases and modifications until otherwise indicated in new editions.

W01QK4			M1001C335
RDJB1R6AHL26SECCB00H W01QK4	M1001C336	NUMBER	[PMMOResult_Service_Level] M1001C336
RDJWJJHAHL26SECCB00H W01QK4	M1001C337	NUMBER	[PMMOResult_Service_Level] M1001C337
RDKN40XAHL26SECCB00H W01QK4	M1001C338	NUMBER	[PMMOResult_Service_Level] M1001C338
RDLDWEPAHL26SECCB00 HW01QK4	M1001C339	NUMBER	[PMMOResult_Service_Level] M1001C339
RDM1RU6AHL26SECCB00H W01QK4	M1001C340	NUMBER	[PMMOResult_Service_Level] M1001C340
RDMTH2TAHL26SECCB00H W01QK4	M1001C384	NUMBER	[PMMOResult_Service_Level] M1001C384
RDNL30PAHL26SECCB00H W01QK4	M1001C385	NUMBER	[PMMOResult_Service_Level] M1001C385
RDOCEYHAHL26SECCB00 HW01QK4	M1001C386	NUMBER	[PMMOResult_Service_Level] M1001C386
RDPBLIXAHL26SECCB00H W01QK4	M1001C387	NUMBER	[PMMOResult_Service_Level] M1001C387
RDPYQKPAHL26SECCB00H W01QK4	M1001C388	NUMBER	[PMMOResult_Service_Level] M1001C388
RDQQJ0PAHL26SECCB00H W01QK4	M1001C419	NUMBER	[PMMOResult_Service_Level] M1001C419
RDRN3VTAHL26SECCB00H W01QK4	M1001C420	NUMBER	[PMMOResult_Service_Level] M1001C420
UAQACT41IM2AHSXR0035 XKCUAI	M1001C598	NUMBER	[PMMOResult_Service_Level] M1001C598
RDAJEPDAHL26SECCB00H W01QK4	M1001C139	NUMBER	[PMMOResult_Service_Level] M1001C139
RDB5NA6AHL26SECCB00H W01QK4	M1001C140	NUMBER	[PMMOResult_Service_Level] M1001C140
RDBT4QDAHL26SECCB00H W01QK4	M1001C141	NUMBER	[PMMOResult_Service_Level] M1001C141
RDCHKRTAHL26SECCB00 HW01QK4	M1001C142	NUMBER	[PMMOResult_Service_Level] M1001C142

7.8.81 NOK_NKCEL_RABACFLCSDAT_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
CELL_ID		VARCHAR2(50)	[PMMOResult_Service_Level] WBTS & "/" & CELLID
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
RE1YR3XAHL26SECCB00HW01QK4	M1001C393	NUMBER	[PMMOResult_Service_Level] M1001C393
RE2Q2LTAHL26SECCB00HW01QK4	M1001C394	NUMBER	[PMMOResult_Service_Level] M1001C394
RDSDM6XAHL26SECCB00HW01QK4	M1001C155	NUMBER	[PMMOResult_Service_Level] M1001C155
RDT1UTHAHL26SECCB00HW01QK4	M1001C156	NUMBER	[PMMOResult_Service_Level] M1001C156
RDTSBXXAHL26SECCB00HW01QK4	M1001C157	NUMBER	[PMMOResult_Service_Level] M1001C157
RDUKJNTAHL26SECCB00HW01QK4	M1001C158	NUMBER	[PMMOResult_Service_Level] M1001C158
RDVB0CLAHL26SECCB00HW01QK4	M1001C159	NUMBER	[PMMOResult_Service_Level] M1001C159
RDVYFIHAHL26SECCB00HW01QK4	M1001C160	NUMBER	[PMMOResult_Service_Level] M1001C160
RDWPG3DAHL26SECCB00HW01QK4	M1001C161	NUMBER	[PMMOResult_Service_Level] M1001C161
RDXGKHLAHL26SECCB00HW01QK4	M1001C162	NUMBER	[PMMOResult_Service_Level] M1001C162
RDY3FRPAHL26SECCB00HW01QK4	M1001C163	NUMBER	[PMMOResult_Service_Level] M1001C163
RDYSV5XAHL26SECCB00H	M1001C164	NUMBER	[PMMOResult_Service_Level]

W01QK4			M1001C164
RE0K1NTAHL26SECCB00HW01QK4	M1001C165	NUMBER	[PMMOResult_Service_Level] M1001C165
RE1BDGXAHL26SECCB00HW01QK4	M1001C166	NUMBER	[PMMOResult_Service_Level] M1001C166

7.8.82 NOK_NKCEL_RABACFLCSVOI_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
CELL_ID		VARCHAR2(50)	[PMMOResult_Service_Level] WBTS & "/" & CELLID
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
REDSUGPAHL26SECCB00HW01QK4	M1001C392	NUMBER	[PMMOResult_Service_Level] M1001C392
RE6DAX2AHL26SECCB00HW01QK4	M1001C145	NUMBER	[PMMOResult_Service_Level] M1001C145
REA1G4TAHL26SECCB00HW01QK4	M1001C146	NUMBER	[PMMOResult_Service_Level] M1001C146
REARU1PAHL26SECCB00HW01QK4	M1001C147	NUMBER	[PMMOResult_Service_Level] M1001C147
REBMW4PAHL26SECCB00HW01QK4	M1001C148	NUMBER	[PMMOResult_Service_Level] M1001C148
RECDSMHAHL26SECCB00HW01QK4	M1001C149	NUMBER	[PMMOResult_Service_Level] M1001C149
RED1LVXAHL26SECCB00HW01QK4	M1001C150	NUMBER	[PMMOResult_Service_Level] M1001C150

7.8.83 NOK_NKCEL_RABACFLPSSAT_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
CELL_ID		VARCHAR2(50)	[PMMOResult_Service_Level] WBTS & "/" & CELLID
TSTAMP		DATE	
INSTANCE_ID		NUMBER	

REFXETLAHL26SECCB00HW01QK4	M1001C173	NUMBER	[PMMOResult_Service_Level] M1001C173
REGOHCTAHL26SECCB00HW01QK4	M1001C174	NUMBER	[PMMOResult_Service_Level] M1001C174
REHEO26AHL26SECCB00HW01QK4	M1001C175	NUMBER	[PMMOResult_Service_Level] M1001C175
REI3002AHL26SECCB00HW01QK4	M1001C176	NUMBER	[PMMOResult_Service_Level] M1001C176
REITWSPAHL26SECCB00HW01QK4	M1001C177	NUMBER	[PMMOResult_Service_Level] M1001C177
REJLBTPAHL26SECCB00HW01QK4	M1001C178	NUMBER	[PMMOResult_Service_Level] M1001C178
REKBR2DAHL26SECCB00HW01QK4	M1001C179	NUMBER	[PMMOResult_Service_Level] M1001C179
REL04L6AHL26SECCB00HW01QK4	M1001C180	NUMBER	[PMMOResult_Service_Level] M1001C180
RELQK2PAHL26SECCB00HW01QK4	M1001C181	NUMBER	[PMMOResult_Service_Level] M1001C181
REMHCQLAHL26SECCB00HW01QK4	M1001C182	NUMBER	[PMMOResult_Service_Level] M1001C182
REN52G2AHL26SECCB00HW01QK4	M1001C183	NUMBER	[PMMOResult_Service_Level] M1001C183
RENV1WDAHL26SECCB00HW01QK4	M1001C184	NUMBER	[PMMOResult_Service_Level] M1001C184
REON1CLAHL26SECCB00HW01QK4	M1001C185	NUMBER	[PMMOResult_Service_Level] M1001C185
REPE1SPAHL26SECCB00HW01QK4	M1001C186	NUMBER	[PMMOResult_Service_Level] M1001C186
REQ2FBLAHL26SECCB00HW01QK4	M1001C187	NUMBER	[PMMOResult_Service_Level] M1001C187
REQRDF2AHL26SECCB00H	M1001C188	NUMBER	[PMMOResult_Service_Level]

This edition applies to IBM® Tivoli® Netcool® Performance Manager for Wireless and to all subsequent releases and modifications until otherwise indicated in new editions.

W01QK4			M1001C188
RERJDGLAHL26SECCB00HW01QK4	M1001C189	NUMBER	[PMMOResult_Service_Level] M1001C189
RESAKYXAHL26SECCB00HW01QK4	M1001C190	NUMBER	[PMMOResult_Service_Level] M1001C190
RESXEMHAHL26SECCB00HW01QK4	M1001C191	NUMBER	[PMMOResult_Service_Level] M1001C191
REU0CB2AHL26SECCB00HW01QK4	M1001C192	NUMBER	[PMMOResult_Service_Level] M1001C192
REUR5OXAHL26SECCB00HW01QK4	M1001C193	NUMBER	[PMMOResult_Service_Level] M1001C193
REVISL2AHL26SECCB00HW01QK4	M1001C194	NUMBER	[PMMOResult_Service_Level] M1001C194
REWAESPAHL26SECCB00HW01QK4	M1001C195	NUMBER	[PMMOResult_Service_Level] M1001C195
REWYLDPAHL26SECCB00HW01QK4	M1001C196	NUMBER	[PMMOResult_Service_Level] M1001C196
REXPK02AHL26SECCB00HW01QK4	M1001C395	NUMBER	[PMMOResult_Service_Level] M1001C395
REYHILPAHL26SECCB00HW01QK4	M1001C396	NUMBER	[PMMOResult_Service_Level] M1001C396
RF05P06AHL26SECCB00HW01QK4	M1001C397	NUMBER	[PMMOResult_Service_Level] M1001C397
RF0WDTDAHL26SECCB00HW01QK4	M1001C398	NUMBER	[PMMOResult_Service_Level] M1001C398

7.8.84 NOK_NKCEL_RABACRLCSDAT_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
CELL_ID		VARCHAR2(50)	[PMMOResult_Service_Level] WBTS & "/" & CELLID
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
RFEFEGPAHL26SECCB00HW01QK4	M1001C427	NUMBER	[PMMOResult_Service_Level] M1001C427

RFFCNFTAHL26SECCB00HW01QK4	M1001C428	NUMBER	[PMMOResult_Service_Level] M1001C428
RFG1I0LAHL26SECCB00HW01QK4	M1001C429	NUMBER	[PMMOResult_Service_Level] M1001C429
RFGRYNXAHL26SECCB00HW01QK4	M1001C430	NUMBER	[PMMOResult_Service_Level] M1001C430
WLIEKTNAFQ2AHDVUJ02UAUIBEV	M1001C422	NUMBER	[PMMOResult_Service_Level] M1001C422
WLIEKTPAFQ2AHDVUJ02UAUIBEV	M1001C423	NUMBER	[PMMOResult_Service_Level] M1001C423
WLIEKTRAFQ2AHDVUJ02UAUIBEV	M1001C424	NUMBER	[PMMOResult_Service_Level] M1001C424
WLIEKTTAFQ2AHDVUJ02UAUIBEV	M1001C425	NUMBER	[PMMOResult_Service_Level] M1001C425
WLIEKTVAFQ2AHDVUJ02UAUIBEV	M1001C426	NUMBER	[PMMOResult_Service_Level] M1001C426
RFBFLUHAHL26SECCB00HW01QK4	M1001C151	NUMBER	[PMMOResult_Service_Level] M1001C151
RFC3NU2AHL26SECCB00HW01QK4	M1001C152	NUMBER	[PMMOResult_Service_Level] M1001C152
RFCWBXTAHL26SECCB00HW01QK4	M1001C153	NUMBER	[PMMOResult_Service_Level] M1001C153
RFDN2X6AHL26SECCB00HW01QK4	M1001C154	NUMBER	[PMMOResult_Service_Level] M1001C154

7.8.85 NOK_NKCEL_RABACRLCSVOI_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
CELL_ID		VARCHAR2(50)	[PMMOResult_Service_Level] WBTS & "/" & CELLID
TSTAMP		DATE	

This edition applies to IBM® Tivoli® Netcool® Performance Manager for Wireless and to all subsequent releases and modifications until otherwise indicated in new editions.

INSTANCE_ID		NUMBER	
XDRXAHPDMM2AICSD002UAXYBDK	M1001C620	NUMBER	[PMMOResult_Service_Level] M1001C620
RFHIXKTAHL26SECCB00HW01QK4	M1001C143	NUMBER	[PMMOResult_Service_Level] M1001C143
RFIAAC2AHL26SECCB00HW01QK4	M1001C144	NUMBER	[PMMOResult_Service_Level] M1001C144

7.8.86 NOK_NKCEL_RABACRLPSSAT_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
CELL_ID		VARCHAR2(50)	[PMMOResult_Service_Level] WBTS & "/" & CELLID
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
RFNC5KLAHL26SECCB00HW01QK4	M1001C436	NUMBER	[PMMOResult_Service_Level] M1001C436
RFNYRP6AHL26SECCB00HW01QK4	M1001C437	NUMBER	[PMMOResult_Service_Level] M1001C437
RFOQ1NXAHL26SECCB00HW01QK4	M1001C438	NUMBER	[PMMOResult_Service_Level] M1001C438
RFPHTN6AHL26SECCB00HW01QK4	M1001C439	NUMBER	[PMMOResult_Service_Level] M1001C439
WLIEKTXAFQ2AHDVUJ02UAUIBEV	M1001C431	NUMBER	[PMMOResult_Service_Level] M1001C431
WLIEKU0AFQ2AHDVUJ02UAUIBEV	M1001C432	NUMBER	[PMMOResult_Service_Level] M1001C432
WLIEKU2AFQ2AHDVUJ02UAUIBEV	M1001C433	NUMBER	[PMMOResult_Service_Level] M1001C433
WLIEKU4AFQ2AHDVUJ02UAUIBEV	M1001C434	NUMBER	[PMMOResult_Service_Level] M1001C434
WLIEKU6AFQ2AHDVUJ02UAUIBEV	M1001C435	NUMBER	[PMMOResult_Service_Level] M1001C435
RFIXGKLAHL26SECCB00HW01QK4	M1001C167	NUMBER	[PMMOResult_Service_Level] M1001C167

RFJP3JLAHL26SECCB00H W01QK4	M1001C168	NUMBER	[PMMOResult_Service_Level] M1001C168
RFKFGTPAHL26SECCB00H W01QK4	M1001C169	NUMBER	[PMMOResult_Service_Level] M1001C169
RFL35DPAHL26SECCB00H W01QK4	M1001C170	NUMBER	[PMMOResult_Service_Level] M1001C170
RFLTCULAHL26SECCB00H W01QK4	M1001C171	NUMBER	[PMMOResult_Service_Level] M1001C171
RFMKX12AHL26SECCB00 HW01QK4	M1001C172	NUMBER	[PMMOResult_Service_Level] M1001C172

7.8.87 NOK_NKCEL_RABCTRLPROC_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
CELL_ID		VARCHA R2(50)	[PMMOResult_RRC] WBTS & "/" & CELLID
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
RFWA0AXAHL26SECCB00 HW01QK4	RADIO_BEARER_RE LEASE	NUMBER	[PMMOResult_RRC] M1006C67
RFWYY4XAHL26SECCB00 HW01QK4	RADIO_BEARER_RE LEASE_COMPLETE	NUMBER	[PMMOResult_RRC] M1006C68
RFXQJP2AHL26SECCB00H W01QK4	PHY_CH_RECONF_F AIL	NUMBER	[PMMOResult_RRC] M1006C72
RFYITY2AHL26SECCB00H W01QK4	M1006C73	NUMBER	[PMMOResult_RRC] M1006C73
RG0APFHAHL26SECCB00H W01QK4	RADIO_BEARER_RE CONF_FAIL	NUMBER	[PMMOResult_RRC] M1006C74
RG0XVHPAHL26SECCB00H W01QK4	M1006C75	NUMBER	[PMMOResult_RRC] M1006C75
RG1UF02AHL26SECCB00H	RADIO_BEARER_SE	NUMBER	[PMMOResult_RRC]

This edition applies to IBM® Tivoli® Netcool® Performance Manager for Wireless and to all subsequent releases and modifications until otherwise indicated in new editions.

W01QK4	TUP_FAIL		M1006C76
RG2NNSDAHL26SECCB00HW01QK4	M1006C77	NUMBER	[PMMOResult_RRC] M1006C77
X4IQMSVAFQ2AHDVUJ02UAUIBEV	M1006C81	NUMBER	[PMMOResult_RRC] M1006C81
RFQ4SCTAHL26SECCB00HW01QK4	RADIO_BEARER_SETUP	NUMBER	[PMMOResult_RRC] M1006C28
RFQUVCXAHL26SECCB00HW01QK4	RADIO_BEARER_SETUP_COMPLETE	NUMBER	[PMMOResult_RRC] M1006C29
RFRMQLXAHL26SECCB00HW01QK4	RADIO_BEARER_RECONF	NUMBER	[PMMOResult_RRC] M1006C30
RFSEF3PAHL26SECCB00HW01QK4	RADIO_BEARER_RECONF_COMPLETE	NUMBER	[PMMOResult_RRC] M1006C31
RFT3WFHAHL26SECCB00HW01QK4	TRAN_CH_RECONF	NUMBER	[PMMOResult_RRC] M1006C32
RFTVKLXAHL26SECCB00HW01QK4	TRAN_CH_RECONF_COMP	NUMBER	[PMMOResult_RRC] M1006C33
RFUOBBTAHL26SECCB00HW01QK4	PHY_CH_RECONF	NUMBER	[PMMOResult_RRC] M1006C59
RFVGXJXAHL26SECCB00HW01QK4	PHY_CH_RECONF_COMP	NUMBER	[PMMOResult_RRC] M1006C60

7.8.88 NOK_NKCEL_RABRECFG_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
CELL_ID		VARCHAR2(50)	[PMMOResult_Service_Level] WBTS & "/" & CELLID
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
RGYQUFDAHL26SECCB00HW01QK4	RAB_RECONF_ATT	NUMBER	[PMMOResult_Service_Level] M1001C197
RH0IRFDAHL26SECCB00HW01QK4	RAB_RECONF_FAIL	NUMBER	[PMMOResult_Service_Level] M1001C198

7.8.89 NOK_NKCEL_RABSTACCMP_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
CELL_ID		VARCHAR2(50)	[PMMOResult_Service_Level] WBTS & "/" & CELLID
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
RH6P0DLAHL26SECCB00HW01QK4	M1001C264	NUMBER	[PMMOResult_Service_Level] M1001C264
RHAHBGLAHL26SECCB00HW01QK4	M1001C266	NUMBER	[PMMOResult_Service_Level] M1001C266
RHB6KRLAHL26SECCB00HW01QK4	M1001C268	NUMBER	[PMMOResult_Service_Level] M1001C268
RHC5LRTAHL26SECCB00HW01QK4	M1001C270	NUMBER	[PMMOResult_Service_Level] M1001C270
RHD3OD2AHL26SECCB00HW01QK4	M1001C272	NUMBER	[PMMOResult_Service_Level] M1001C272
RHDVEFLAHL26SECCB00HW01QK4	M1001C277	NUMBER	[PMMOResult_Service_Level] M1001C277
RHEMYJ6AHL26SECCB00HW01QK4	M1001C278	NUMBER	[PMMOResult_Service_Level] M1001C278
RHFFQ5DAHL26SECCB00HW01QK4	M1001C279	NUMBER	[PMMOResult_Service_Level] M1001C279
RHG50SPAHL26SECCB00HW01QK4	M1001C280	NUMBER	[PMMOResult_Service_Level] M1001C280
RHGVWG6AHL26SECCB00HW01QK4	M1001C379	NUMBER	[PMMOResult_Service_Level] M1001C379
RHHOIV2AHL26SECCB00HW01QK4	M1001C380	NUMBER	[PMMOResult_Service_Level] M1001C380
RHIPCRXAHL26SECCB00HW01QK4	M1001C381	NUMBER	[PMMOResult_Service_Level] M1001C381
RHJGS26AHL26SECCB00H	M1001C382	NUMBER	[PMMOResult_Service_Level]

W01QK4			M1001C382
RHK4NVXAHL26SECCB00HW01QK4	M1001C383	NUMBER	[PMMOResult_Service_Level] M1001C383
RHKVMAHAHL26SECCB00HW01QK4	M1001C413	NUMBER	[PMMOResult_Service_Level] M1001C413
RHLOL6XAHL26SECCB00HW01QK4	M1001C414	NUMBER	[PMMOResult_Service_Level] M1001C414
RHMG0FLAHL26SECCB00HW01QK4	M1001C415	NUMBER	[PMMOResult_Service_Level] M1001C415
RHN6BA6AHL26SECCB00HW01QK4	M1001C416	NUMBER	[PMMOResult_Service_Level] M1001C416
UAQACT21IM2AHSXR0035XKCUAI	M1001C597	NUMBER	[PMMOResult_Service_Level] M1001C597
UAQACTF1IM2AHSXR0035XKCUAI	M1001C602	NUMBER	[PMMOResult_Service_Level] M1001C602
RH1AW0PAHL26SECCB00HW01QK4	M1001C115	NUMBER	[PMMOResult_Service_Level] M1001C115
RH1YNXTAHL26SECCB00HW01QK4	M1001C116	NUMBER	[PMMOResult_Service_Level] M1001C116
RH2RHMPAHL26SECCB00HW01QK4	M1001C117	NUMBER	[PMMOResult_Service_Level] M1001C117
RH3LK3HAHL26SECCB00HW01QK4	M1001C118	NUMBER	[PMMOResult_Service_Level] M1001C118
RH4DLM6AHL26SECCB00HW01QK4	M1001C119	NUMBER	[PMMOResult_Service_Level] M1001C119
RH545HXAHL26SECCB00HW01QK4	M1001C120	NUMBER	[PMMOResult_Service_Level] M1001C120
RH5W6PDAHL26SECCB00HW01QK4	M1001C121	NUMBER	[PMMOResult_Service_Level] M1001C121

7.8.90 NOK_NKCEL_RABSTACFL_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
CELL_ID		VARCHAR2(50)	[PMMOResult_Service_Level] WBTS & "/" & CELLID

TSTAMP		DATE	
INSTANCE_ID		NUMBER	
RHVJOUTAHL26SECCB00HW01QK4	M1001C122	NUMBER	[PMMOResult_Service_Level] M1001C122
RHWBQYLAHL26SECCB00HW01QK4	M1001C123	NUMBER	[PMMOResult_Service_Level] M1001C123
RHX0MDHAHL26SECCB00HW01QK4	M1001C124	NUMBER	[PMMOResult_Service_Level] M1001C124
RHXSHEPAHL26SECCB00HW01QK4	M1001C125	NUMBER	[PMMOResult_Service_Level] M1001C125
RHYL34DAHL26SECCB00HW01QK4	M1001C126	NUMBER	[PMMOResult_Service_Level] M1001C126
RI0DI6TAHL26SECCB00HW01QK4	M1001C127	NUMBER	[PMMOResult_Service_Level] M1001C127
RI13G1HAHL26SECCB00HW01QK4	M1001C128	NUMBER	[PMMOResult_Service_Level] M1001C128
RI1UYWHAHL26SECCB00HW01QK4	M1001C129	NUMBER	[PMMOResult_Service_Level] M1001C129
RI2TOH6AHL26SECCB00HW01QK4	M1001C130	NUMBER	[PMMOResult_Service_Level] M1001C130
RI3M2CPAHL26SECCB00HW01QK4	M1001C131	NUMBER	[PMMOResult_Service_Level] M1001C131
RI4JPVPAHL26SECCB00HW01QK4	M1001C132	NUMBER	[PMMOResult_Service_Level] M1001C132
RI5LMSLAHL26SECCB00HW01QK4	M1001C133	NUMBER	[PMMOResult_Service_Level] M1001C133
RI6CC3LAHL26SECCB00HW01QK4	M1001C134	NUMBER	[PMMOResult_Service_Level] M1001C134
RIA1RMHAHL26SECCB00HW01QK4	M1001C135	NUMBER	[PMMOResult_Service_Level] M1001C135

This edition applies to IBM® Tivoli® Netcool® Performance Manager for Wireless and to all subsequent releases and modifications until otherwise indicated in new editions.

7.8.91 NOK_NKCEL_RABSTFLCS_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
CELL_ID		VARCHAR2(50)	[PMMOResult_Service_Level] WBTS & "/" & CELLID
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
RJR1LD2AHL26SECCB00HW01QK4	M1001C255	NUMBER	[PMMOResult_Service_Level] M1001C255
RJRUP1TAHL26SECCB00HW01QK4	M1001C256	NUMBER	[PMMOResult_Service_Level] M1001C256
RJSUJQDAHL26SECCB00HW01QK4	M1001C531	NUMBER	[PMMOResult_Service_Level] M1001C531
RJTMYXHAHL26SECCB00HW01QK4	M1001C532	NUMBER	[PMMOResult_Service_Level] M1001C532
RJUFDCDAHL26SECCB00HW01QK4	M1001C533	NUMBER	[PMMOResult_Service_Level] M1001C533
UAQACTD1IM2AHSXR0035XKCUAI	M1001C601	NUMBER	[PMMOResult_Service_Level] M1001C601
XDRXAHNDMM2AICSD002UAXYBDK	M1001C619	NUMBER	[PMMOResult_Service_Level] M1001C619
XDRXAHRDMM2AICSD002UAXYBDK	M1001C621	NUMBER	[PMMOResult_Service_Level] M1001C621
XDRXAHTDMM2AICSD002UAXYBDK	M1001C622	NUMBER	[PMMOResult_Service_Level] M1001C622
XDRXAHVDMM2AICSD002UAXYBDK	M1001C623	NUMBER	[PMMOResult_Service_Level] M1001C623
XDRXAI0DMM2AICSD002UAXYBDK	M1001C625	NUMBER	[PMMOResult_Service_Level] M1001C625
XDRXAI2DMM2AICSD002UAXYBDK	M1001C626	NUMBER	[PMMOResult_Service_Level] M1001C626
XDRXAI4DMM2AICSD002UAXYBDK	M1001C627	NUMBER	[PMMOResult_Service_Level] M1001C627
RJDPEAPAHL26SECCB00HW01QK4	CS_RAB_SETUP_FAIL_DUE_TO_AC	NUMBER	[PMMOResult_Service_Level] M1001C80

RJEHKP6AHL26SECCB00HW01QK4	CS_RAB_SETUP_FAIL_DUE_TO_BTS	NUMBER	[PMMOResult_Service_Level] M1001C81
RJF6JIPAHL26SECCB00HW01QK4	M1001C82	NUMBER	[PMMOResult_Service_Level] M1001C82
RJFYBNHAHL26SECCB00HW01QK4	M1001C83	NUMBER	[PMMOResult_Service_Level] M1001C83
RJGPVBHAHL26SECCB00HW01QK4	M1001C84	NUMBER	[PMMOResult_Service_Level] M1001C84
RJHHXIXAHL26SECCB00HW01QK4	M1001C85	NUMBER	[PMMOResult_Service_Level] M1001C85
RJIA3Y6AHL26SECCB00HW01QK4	M1001C86	NUMBER	[PMMOResult_Service_Level] M1001C86
RJJ0H62AHL26SECCB00HW01QK4	M1001C87	NUMBER	[PMMOResult_Service_Level] M1001C87
RJJSG4XAHL26SECCB00HW01QK4	M1001C88	NUMBER	[PMMOResult_Service_Level] M1001C88
RJKKXUHAHL26SECCB00HW01QK4	M1001C89	NUMBER	[PMMOResult_Service_Level] M1001C89
RJLEBPHAHL26SECCB00HW01QK4	M1001C90	NUMBER	[PMMOResult_Service_Level] M1001C90
RJM546HAHL26SECCB00HW01QK4	M1001C91	NUMBER	[PMMOResult_Service_Level] M1001C91
RJMX1TTAHL26SECCB00HW01QK4	M1001C92	NUMBER	[PMMOResult_Service_Level] M1001C92
RJNQJ5LAHL26SECCB00HW01QK4	M1001C93	NUMBER	[PMMOResult_Service_Level] M1001C93
RJOK1HPAHL26SECCB00HW01QK4	M1001C94	NUMBER	[PMMOResult_Service_Level] M1001C94

7.8.92 NOK_NKCEL_RABSTFLPS_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping

This edition applies to IBM® Tivoli® Netcool® Performance Manager for Wireless and to all subsequent releases and modifications until otherwise indicated in new editions.

CELL_ID		VARCHAR2(50)	[PMMOResult_Service_Level] WBTS & "/" & CELLID
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
RKL2UN2AHL26SECCB00HW01QK4	M1001C257	NUMBER	[PMMOResult_Service_Level] M1001C257
RKLW2VDAHL26SECCB00HW01QK4	M1001C258	NUMBER	[PMMOResult_Service_Level] M1001C258
RKMP13HAHL26SECCB00HW01QK4	M1001C534	NUMBER	[PMMOResult_Service_Level] M1001C534
XDRXAHXDMM2AICSD002UAXYBDK	M1001C624	NUMBER	[PMMOResult_Service_Level] M1001C624
RK0Q0M2AHL26SECCB00HW01QK4	M1001C95	NUMBER	[PMMOResult_Service_Level] M1001C95
RK1IS5LAHL26SECCB00HW01QK4	M1001C96	NUMBER	[PMMOResult_Service_Level] M1001C96
RK2BWEXAHL26SECCB00HW01QK4	M1001C97	NUMBER	[PMMOResult_Service_Level] M1001C97
RK31OO2AHL26SECCB00HW01QK4	M1001C98	NUMBER	[PMMOResult_Service_Level] M1001C98
RK3WWBPAHL26SECCB00HW01QK4	M1001C99	NUMBER	[PMMOResult_Service_Level] M1001C99
RK4QSVDAHL26SECCB00HW01QK4	M1001C100	NUMBER	[PMMOResult_Service_Level] M1001C100
RK5JROLAHL26SECCB00HW01QK4	M1001C101	NUMBER	[PMMOResult_Service_Level] M1001C101
RK6DHSPAHL26SECCB00HW01QK4	M1001C102	NUMBER	[PMMOResult_Service_Level] M1001C102
RKA4CW6AHL26SECCB00HW01QK4	M1001C103	NUMBER	[PMMOResult_Service_Level] M1001C103
RKAWGT6AHL26SECCB00HW01QK4	M1001C104	NUMBER	[PMMOResult_Service_Level] M1001C104
RKBS5DTAHL26SECCB00HW01QK4	M1001C105	NUMBER	[PMMOResult_Service_Level] M1001C105
RKCL346AHL26SECCB00HW	M1001C106	NUMBER	[PMMOResult_Service_Level

01QK4			] M1001C106
RKDFG0TAHL26SECCB00HW01QK4	M1001C107	NUMBER	[PMMOResult_Service_Level] M1001C107
RKE5OADAHL26SECCB00HW01QK4	M1001C108	NUMBER	[PMMOResult_Service_Level] M1001C108
RKEXKBHAHL26SECCB00HW01QK4	M1001C109	NUMBER	[PMMOResult_Service_Level] M1001C109
RKFPMC2AHL26SECCB00HW01QK4	M1001C110	NUMBER	[PMMOResult_Service_Level] M1001C110
RKGH5MTAHL26SECCB00HW01QK4	M1001C111	NUMBER	[PMMOResult_Service_Level] M1001C111
RKH5D26AHL26SECCB00HW01QK4	M1001C112	NUMBER	[PMMOResult_Service_Level] M1001C112
RKHXLJ6AHL26SECCB00HW01QK4	M1001C113	NUMBER	[PMMOResult_Service_Level] M1001C113
RKIRJETAHL26SECCB00HW01QK4	M1001C114	NUMBER	[PMMOResult_Service_Level] M1001C114

7.8.93 NOK_NKCEL_RACH_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
CELL_ID		VARCHAR2(50)	[PMMOResult_Cell_Resource] WBTS & "/" & CELLID
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
RLSVR5PAHL26SECCB00HW01QK4	SUM_RACH_ACK_PREAMBLES	NUMBER	[PMMOResult_Cell_Resource] M1000C176
RLTO2YLAHL26SECCB00HW01QK4	DENOM_RACH_ACK_PREAMBLES	NUMBER	[PMMOResult_Cell_Resource] M1000C177
RLGXPD6AHL26SECCB00HW01QK4	AVE_RACH_LOAD	NUMBER	[PMMOResult_Cell_Resource] M1000C54

This edition applies to IBM® Tivoli® Netcool® Performance Manager for Wireless and to all subsequent releases and modifications until otherwise indicated in new editions.

RLI4TKPAHL26SECCB00HW01QK4	RACH_DENOM_0	NUMBER	[PMMOResult_Cell_Resource] M1000C55
RLIVIG2AHL26SECCB00HW01QK4	AVE_RACH_DECOD_MSGS	NUMBER	[PMMOResult_Cell_Resource] M1000C56
RLJO016AHL26SECCB00HW01QK4	RACH_DENOM_1	NUMBER	[PMMOResult_Cell_Resource] M1000C57
RLKIVHDAHL26SECCB00HW01QK4	AVE_SUCC_DECOD_MSGS	NUMBER	[PMMOResult_Cell_Resource] M1000C58
RLLCHBDAHL26SECCB00HW01QK4	RACH_DENOM_2	NUMBER	[PMMOResult_Cell_Resource] M1000C59
RLM1VL2AHL26SECCB00HW01QK4	AVE_RACH_THROUGHPUT	NUMBER	[PMMOResult_Cell_Resource] M1000C60
RLMS63LAHL26SECCB00HW01QK4	RACH_DENOM_3	NUMBER	[PMMOResult_Cell_Resource] M1000C61
RLNM2N2AHL26SECCB00HW01QK4	AVE_RACH_DATA_THROUGHPUT	NUMBER	[PMMOResult_Cell_Resource] M1000C62
RLOH4PHAHL26SECCB00HW01QK4	RACH_DENOM_4	NUMBER	[PMMOResult_Cell_Resource] M1000C63

7.8.94 NOK_NKCEL_RADLNK_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
CELL_ID		VARCHAR2(50)	[PMMOResult_Cell_Resource] WBTS & "/" & CELLID
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
RMHH34HAHL26SECCB00HW01QK4	AVE_TRX_FOR_RL_IN_CELL	NUMBER	[PMMOResult_Cell_Resource] M1000C89
RMIBT1XAHL26SECCB00HW01QK4	NBR_OF_RLS	NUMBER	[PMMOResult_Cell_Resource] M1000C90
RMJ3B3PAHL26SECCB00HW01QK4	SUM_SQR_TRX_FOR_RL_IN_CELL	FLOAT	[PMMOResult_Cell_Resource] M1000C91
RMJWQ6LAHL26SECCB00HW01QK4	NBR_OF_RL_MEAS_REPS	NUMBER	[PMMOResult_Cell_Resource] M1000C92

7.8.95 NOK_NKCEL_RANMOBSHO_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
CELL_ID		VARCHAR2(50)	[PMMOResult_Soft_Handover] WBTS & "/" & CELLID
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
YVYDN3HAHK26SECCB00HW01QK4	SOFT_HANDOVER_SUCCESS_RATIO	FLOAT	[PMMOResult_Soft_Handover] if (M1007C10 + M1007C11 + M1007C12 + M1007C27 + M1007C28 + M1007C29) = 0 then 0 else ((M1007C15 + M1007C32) / (M1007C10 + M1007C11 + M1007C12 + M1007C27 + M1007C28 + M1007C29))
YVYSMFXAHK26SECCB00HW01QK4	SOFT_HANDOVER_OVERHEAD_CELL	FLOAT	[PMMOResult_Soft_Handover] if ((M1007C0+M1007C19) + (M1007C1+M1007C20)/2+ (M1007C2+M1007C21)/3) = 0 then 0 else (((((M1007C0+M1007C19)*1 + (M1007C1+M1007C20)*2 + (M1007C2+M1007C21)*3)/ (M1007C0 + M1007C19 + M1007C1 + M1007C20 + M1007C2+M1007C21)) - 1) *100)

7.8.96 NOK_NKCEL_RANUSESVCLVL_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
CELL_ID		VARCHAR2(50)	[PMMOResult_Cell_Resource] WBTS & "/" & CELLID
TSTAMP		DATE	
INSTANCE_ID		NUMBER	

This edition applies to IBM® Tivoli® Netcool® Performance Manager for Wireless and to all subsequent releases and modifications until otherwise indicated in new editions.

SKEGIN0AG32AHDVUJ02UAUIBEV	PC_CELL_AVAIL_EXCLUDING_BLU	FLOAT	[PMMOResult_Cell_Resource] if (M1000C180 - M1000C179)=0 then 0 else 100 * M1000C178 / (M1000C180 - M1000C179)
YWCHSHXAHK26SECCB00HW01QK4	CELL_AVAILABILITY	FLOAT	[PMMOResult_Cell_Resource] if (interval * 60) = 0 then 0 else (M1000C73*20/(interval * 60))

7.8.97 NOK_NKCEL_RCPDLPDCPPDUR_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
CELL_ID		VARCHAR2(50)	[PMMOResult_RCPM_RLC] WBTS & "/" & CELLID
RADIO_CONNECTION_TYPE_ID		VARCHAR2(100)	[PMMOResult_RCPM_RLC] TR_CLASS & ":" & RAB_BR & ":" & RB_BR & ":" & BER_SDU
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
RMLNN02AHL26SECCB00HW01QK4	M1017C0	NUMBER	[PMMOResult_RCPM_RLC] M1017C0
RMMG4BXAHL26SECCB00HW01QK4	AVERAGE_PDCP_BUFFER_OCCUPANCY	NUMBER	[PMMOResult_RCPM_RLC] M1017C1
RMNBLTPAHL26SECCB00HW01QK4	TOO_GOOD_RLC_AM_DL_CONNECTIONS	NUMBER	[PMMOResult_RCPM_RLC] M1017C10
RMO4AJPAHL26SECCB00HW01QK4	IDEAL_RLC_AM_DL_CONNECTIONS	NUMBER	[PMMOResult_RCPM_RLC] M1017C11
RMP4JYDAHL26SECCB00HW01QK4	M1017C12	FLOAT	[PMMOResult_RCPM_RLC] M1017C12
RMPY0NXAHL26SECCB00HW01QK4	M1017C13	FLOAT	[PMMOResult_RCPM_RLC] M1017C13
RMQV1QLAHL26SECCB00HW01QK4	M1017C14	NUMBER	[PMMOResult_RCPM_RLC] M1017C14
RMRNFXLAHL26SECCB00H	M1017C15	FLOAT	[PMMOResult_RCPM_RLC]

W01QK4			M1017C15
RMSFHJTAHL26SECCB00H W01QK4	M1017C16	FLOAT	[PMMOResult_RCPM_RLC] M1017C16
RMTA0BPAHL26SECCB00H W01QK4	M1017C17	NUMBER	[PMMOResult_RCPM_RLC] M1017C17
RMU0XYTAHL26SECCB00H W01QK4	M1017C18	FLOAT	[PMMOResult_RCPM_RLC] M1017C18
RMUSQBXAHL26SECCB00H W01QK4	PDU_DISCARD_RATI O_IN_AM_RLC_DL	FLOAT	[PMMOResult_RCPM_RLC] M1017C19
RMWF46PAHL26SECCB00H W01QK4	M1017C2	NUMBER	[PMMOResult_RCPM_RLC] M1017C2
RMX4SHDAHL26SECCB00H W01QK4	M1017C20	FLOAT	[PMMOResult_RCPM_RLC] M1017C20
RMXX6XTAHL26SECCB00H W01QK4	M1017C21	NUMBER	[PMMOResult_RCPM_RLC] M1017C21
RMYPWCHAHL26SECCB00 HW01QK4	RLC_AM_SDU_DL_E RROR_RATIO	FLOAT	[PMMOResult_RCPM_RLC] M1017C22
RN0JLHDAHL26SECCB00H W01QK4	M1017C23	FLOAT	[PMMOResult_RCPM_RLC] M1017C23
RN1CORLAHL26SECCB00H W01QK4	M1017C24	NUMBER	[PMMOResult_RCPM_RLC] M1017C24
RN23OT6AHL26SECCB00H W01QK4	M1017C25	NUMBER	[PMMOResult_RCPM_RLC] M1017C25
RN2VCVDAHL26SECCB00H W01QK4	M1017C26	NUMBER	[PMMOResult_RCPM_RLC] M1017C26
RN3NBKHAHL26SECCB00H W01QK4	M1017C27	NUMBER	[PMMOResult_RCPM_RLC] M1017C27
RN4GKWHAHL26SECCB00 HW01QK4	M1017C28	NUMBER	[PMMOResult_RCPM_RLC] M1017C28
RN56S0XAHL26SECCB00H W01QK4	M1017C29	NUMBER	[PMMOResult_RCPM_RLC] M1017C29

This edition applies to IBM® Tivoli® Netcool® Performance Manager for Wireless and to all subsequent releases and modifications until otherwise indicated in new editions.

RN60SYXAHL26SECCB00HW01QK4	M1017C3	FLOAT	[PMMOResult_RCPM_RLC] M1017C3
RN6S4D6AHL26SECCB00HW01QK4	M1017C34	NUMBER	[PMMOResult_RCPM_RLC] M1017C34
RNAMYA6AHL26SECCB00HW01QK4	M1017C35	NUMBER	[PMMOResult_RCPM_RLC] M1017C35
RNBFMMXAHL26SECCB00HW01QK4	M1017C36	NUMBER	[PMMOResult_RCPM_RLC] M1017C36
RNC6OGTAHL26SECCB00HW01QK4	M1017C37	NUMBER	[PMMOResult_RCPM_RLC] M1017C37
RNCYLUDAHL26SECCB00HW01QK4	M1017C38	NUMBER	[PMMOResult_RCPM_RLC] M1017C38
RNDRSDTAHL26SECCB00HW01QK4	M1017C39	NUMBER	[PMMOResult_RCPM_RLC] M1017C39
RNEL436AHL26SECCB00HW01QK4	M1017C4	NUMBER	[PMMOResult_RCPM_RLC] M1017C4
RNFF3T6AHL26SECCB00HW01QK4	M1017C40	NUMBER	[PMMOResult_RCPM_RLC] M1017C40
RNG5O5TAHL26SECCB00HW01QK4	M1017C41	NUMBER	[PMMOResult_RCPM_RLC] M1017C41
RNH2PHPAHL26SECCB00HW01QK4	M1017C42	NUMBER	[PMMOResult_RCPM_RLC] M1017C42
RNHTC5DAHL26SECCB00HW01QK4	M1017C43	NUMBER	[PMMOResult_RCPM_RLC] M1017C43
RNILKNTAHL26SECCB00HW01QK4	M1017C44	NUMBER	[PMMOResult_RCPM_RLC] M1017C44
RNJEF4LAHL26SECCB00HW01QK4	M1017C45	NUMBER	[PMMOResult_RCPM_RLC] M1017C45
RNK5EEXAHL26SECCB00HW01QK4	M1017C46	NUMBER	[PMMOResult_RCPM_RLC] M1017C46
RNKXYEXAHL26SECCB00HW01QK4	M1017C47	NUMBER	[PMMOResult_RCPM_RLC] M1017C47
RNLRSAHAHL26SECCB00HW01QK4	M1017C48	NUMBER	[PMMOResult_RCPM_RLC] M1017C48
RNMM4ITAHL26SECCB00H	M1017C49	NUMBER	[PMMOResult_RCPM_RLC]

W01QK4			M1017C49
RNNEKDPAHL26SECCB00HW01QK4	DL_PDU_ERROR_RATIO_IN_AM_RLC	FLOAT	[PMMOResult_RCPM_RLC] M1017C5
RNO4QHDAHL26SECCB00HW01QK4	M1017C6	NUMBER	[PMMOResult_RCPM_RLC] M1017C6
RNOXUUXAHL26SECCB00HW01QK4	M1017C7	FLOAT	[PMMOResult_RCPM_RLC] M1017C7
RNPSJPLAHL26SECCB00HW01QK4	RECEIVED_DL_PDU_REPORTS	NUMBER	[PMMOResult_RCPM_RLC] M1017C8
RNQLVHTAHL26SECCB00HW01QK4	BAD_RLC_AM_DL_CONNECTIONS	NUMBER	[PMMOResult_RCPM_RLC] M1017C9
RNRFGX6AHL26SECCB00HW01QK4	M1017C31	NUMBER	[PMMOResult_RCPM_RLC] M1017C31
UAQADFL1IM2AHSXR0035XKCUAI	M1017C50	NUMBER	[PMMOResult_RCPM_RLC] M1017C50
UAQADFN1IM2AHSXR0035XKCUAI	M1017C51	NUMBER	[PMMOResult_RCPM_RLC] M1017C51
UAQADFP1IM2AHSXR0035XKCUAI	M1017C52	NUMBER	[PMMOResult_RCPM_RLC] M1017C52

7.8.98 NOK_NKCEL_RCPMULAMRL_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
CELL_ID		VARCHAR2(50)	[PMMOResult_RCPM_RLC] WBTS & "/" & CELLID
RADIO_CONNECTION_TYPE_ID		VARCHAR2(100)	[PMMOResult_RCPM_RLC] TR_CLASS & ":" & RAB_BR & ":" & RB_BR & ":" & BER_SDU
TSTAMP		DATE	
INSTANCE_ID		NUMBER	

This edition applies to IBM® Tivoli® Netcool® Performance Manager for Wireless and to all subsequent releases and modifications until otherwise indicated in new editions.

RNSCQ5HAHL26SECCB00HW01QK4	M1017C30	NUMBER	[PMMOResult_RCPM_RLC] M1017C30
RNT433PAHL26SECCB00HW01QK4	M1017C32	NUMBER	[PMMOResult_RCPM_RLC] M1017C32
RNTW5GHAHL26SECCB00HW01QK4	M1017C33	NUMBER	[PMMOResult_RCPM_RLC] M1017C33

7.8.99 NOK_NKCEL_RCPULPDCPPDUR_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
CELL_ID		VARCHAR2(50)	[PMMOResult_RCPM_RLC] WBTS & "/" & CELLID
RADIO_CONNECTION_TYPE_ID		VARCHAR2(100)	[PMMOResult_RCPM_RLC] TR_CLASS & ":" & RAB_BR & ":" & RB_BR & ":" & BER_SDU
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
UAQADFR1IM2AHSXR0035XKCUAI	M1017C53	NUMBER	[PMMOResult_RCPM_RLC] M1017C53
UAQADFT1IM2AHSXR0035XKCUAI	M1017C54	NUMBER	[PMMOResult_RCPM_RLC] M1017C54
UAQADFV1IM2AHSXR0035XKCUAI	M1017C55	NUMBER	[PMMOResult_RCPM_RLC] M1017C55
UAQADFX1IM2AHSXR0035XKCUAI	M1017C56	NUMBER	[PMMOResult_RCPM_RLC] M1017C56
UAQADG01IM2AHSXR0035XKCUAI	M1017C57	NUMBER	[PMMOResult_RCPM_RLC] M1017C57

7.8.100NOK_NKCEL_RDDWNRLCNG_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
CELL_ID		VARCHAR2(50)	[PMMOResult_Cell_Resource] WBTS & "/" & CELLID
TSTAMP		DATE	
INSTANCE_ID		NUMBER	

RLV4VM2AHL26SECCB00H W01QK4	M1000C142	NUMBER	[PMMOResult_Cell_Resource] M1000C142
RLVVRUXAHL26SECCB00H W01QK4	M1000C143	NUMBER	[PMMOResult_Cell_Resource] M1000C143
RLWPLQHAHL26SECCB00H W01QK4	M1000C145	NUMBER	[PMMOResult_Cell_Resource] M1000C145
RLXI54HAHL26SECCB00H W01QK4	M1000C146	NUMBER	[PMMOResult_Cell_Resource] M1000C146
RLYB0SPAHL26SECCB00H W01QK4	M1000C147	NUMBER	[PMMOResult_Cell_Resource] M1000C147
RM00QGPAHL26SECCB00H W01QK4	M1000C148	NUMBER	[PMMOResult_Cell_Resource] M1000C148
RM0RY1PAHL26SECCB00H W01QK4	M1000C150	NUMBER	[PMMOResult_Cell_Resource] M1000C150
RM1L1A2AHL26SECCB00H W01QK4	M1000C151	NUMBER	[PMMOResult_Cell_Resource] M1000C151
RM2DLAPAHL26SECCB00H W01QK4	M1000C152	NUMBER	[PMMOResult_Cell_Resource] M1000C152
RM331VLAHL26SECCB00H W01QK4	M1000C153	NUMBER	[PMMOResult_Cell_Resource] M1000C153
RM3TX2DAHL26SECCB00H W01QK4	M1000C154	NUMBER	[PMMOResult_Cell_Resource] M1000C154
RM5LHSDAHL26SECCB00H W01QK4	M1000C155	NUMBER	[PMMOResult_Cell_Resource] M1000C155
RM6FMQTAHL26SECCB00H W01QK4	M1000C157	NUMBER	[PMMOResult_Cell_Resource] M1000C157
RMA52HPAHL26SECCB00H W01QK4	M1000C158	NUMBER	[PMMOResult_Cell_Resource] M1000C158
RMAWH0XAHL26SECCB00 HW01QK4	M1000C159	NUMBER	[PMMOResult_Cell_Resource] M1000C159
RMBPLGLAHL26SECCB00H	M1000C160	NUMBER	[PMMOResult_Cell_Resource

This edition applies to IBM® Tivoli® Netcool® Performance Manager for Wireless and to all subsequent releases and modifications until otherwise indicated in new editions.

W01QK4			] M1000C160
RMCINQDAHL26SECCB00H W01QK4	M1000C162	NUMBER	[PMMOResult_Cell_Resource] M1000C162
RMDB5BDAHL26SECCB00H W01QK4	M1000C163	NUMBER	[PMMOResult_Cell_Resource] M1000C163
RME0HQ2AHL26SECCB00H W01QK4	M1000C164	NUMBER	[PMMOResult_Cell_Resource] M1000C164
RMETCA6AHL26SECCB00H W01QK4	M1000C165	NUMBER	[PMMOResult_Cell_Resource] M1000C165
RMFQ2LXAHL26SECCB00H W01QK4	M1000C166	NUMBER	[PMMOResult_Cell_Resource] M1000C166
UAQACPP1IM2AHSXR0035 XKCUAI	M1000C144	NUMBER	[PMMOResult_Cell_Resource] M1000C144
UAQACPR1IM2AHSXR0035 XKCUAI	M1000C149	NUMBER	[PMMOResult_Cell_Resource] M1000C149

7.8.101NOK_NKCEL_RRCCONACC_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
CELL_ID		VARCHA R2(50)	[PMMOResult_Service_Level] WBTS & "/" & CELLID
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
RNXWMQHAHL26SECCB00 HW01QK4	M1001C241	NUMBER	[PMMOResult_Service_Level] M1001C241
RNYRHHTAHL26SECCB00H W01QK4	M1001C553	NUMBER	[PMMOResult_Service_Level] M1001C553
RO0LRUPAHL26SECCB00H W01QK4	M1001C554	NUMBER	[PMMOResult_Service_Level] M1001C554
RO1M112AHL26SECCB00H W01QK4	M1001C555	NUMBER	[PMMOResult_Service_Level] M1001C555
RO2FSVPAHL26SECCB00H W01QK4	M1001C556	NUMBER	[PMMOResult_Service_Level] M1001C556
RO3CKPHAHL26SECCB00H W01QK4	M1001C557	NUMBER	[PMMOResult_Service_Level] M1001C557

RO4D4QXAHL26SECCB00HW01QK4	M1001C558	NUMBER	[PMMOResult_Service_Level] M1001C558
RO53JE6AHL26SECCB00HW01QK4	M1001C559	NUMBER	[PMMOResult_Service_Level] M1001C559
RO5WPITAHL26SECCB00HW01QK4	M1001C560	NUMBER	[PMMOResult_Service_Level] M1001C560
RO6QJB6AHL26SECCB00HW01QK4	M1001C561	NUMBER	[PMMOResult_Service_Level] M1001C561
ROAKHV6AHL26SECCB00HW01QK4	M1001C562	NUMBER	[PMMOResult_Service_Level] M1001C562
ROBELILAHL26SECCB00HW01QK4	M1001C563	NUMBER	[PMMOResult_Service_Level] M1001C563
ROC50YXAHL26SECCB00HW01QK4	M1001C564	NUMBER	[PMMOResult_Service_Level] M1001C564
ROD3T3PAHL26SECCB00HW01QK4	M1001C565	NUMBER	[PMMOResult_Service_Level] M1001C565
ROE1EGPAHL26SECCB00HW01QK4	RRC_ACCESS_RELEASE_DETACH	NUMBER	[PMMOResult_Service_Level] M1001C566
ROETIQTAHL26SECCB00HW01QK4	M1001C567	NUMBER	[PMMOResult_Service_Level] M1001C567
ROFMID2AHL26SECCB00HW01QK4	M1001C568	NUMBER	[PMMOResult_Service_Level] M1001C568
ROGGP22AHL26SECCB00HW01QK4	M1001C569	NUMBER	[PMMOResult_Service_Level] M1001C569
ROHA56HAHL26SECCB00HW01QK4	M1001C570	NUMBER	[PMMOResult_Service_Level] M1001C570
ROI0VADAHL26SECCB00HW01QK4	M1001C571	NUMBER	[PMMOResult_Service_Level] M1001C571
ROIT2U6AHL26SECCB00HW01QK4	M1001C572	NUMBER	[PMMOResult_Service_Level] M1001C572
XDRXAINDMM2AICSD002U	M1001C635	NUMBER	[PMMOResult_Service_Level

This edition applies to IBM® Tivoli® Netcool® Performance Manager for Wireless and to all subsequent releases and modifications until otherwise indicated in new editions.

AXYBDK			] M1001C635
XDRXAIPDMM2AICSD002UAXYBDK	M1001C636	NUMBER	[PMMOResult_Service_Level] M1001C636
XDRXAIRDMM2AICSD002UAXYBDK	M1001C637	NUMBER	[PMMOResult_Service_Level] M1001C637
XDRXAITDMM2AICSD002UAXYBDK	M1001C638	NUMBER	[PMMOResult_Service_Level] M1001C638
XDRXAIVDMM2AICSD002UAXYBDK	M1001C639	NUMBER	[PMMOResult_Service_Level] M1001C639
XDRXAIXDMM2AICSD002UAXYBDK	M1001C640	NUMBER	[PMMOResult_Service_Level] M1001C640
RNUPVUHAHL26SECCB00HW01QK4	RRC_CONN_ACC_COMP	NUMBER	[PMMOResult_Service_Level] M1001C8
RNVII5XAHL26SECCB00HW01QK4	M1001C9	NUMBER	[PMMOResult_Service_Level] M1001C9
RNWD20TAHL26SECCB00HW01QK4	M1001C10	NUMBER	[PMMOResult_Service_Level] M1001C10
RNX3NFXAHL26SECCB00HW01QK4	M1001C11	NUMBER	[PMMOResult_Service_Level] M1001C11

7.8.102NOK_NKCEL_RRCCONACT_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
CELL_ID		VARCHAR2(50)	[PMMOResult_Service_Level] WBTS & "/" & CELLID
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
ROUFKM2AHL26SECCB00HW01QK4	RRC_ACTIVE_FAIL_DUE_TO_UE	NUMBER	[PMMOResult_Service_Level] M1001C391
WLIEKTLAFQ2AHDVUJ02UAUIBEV	M1001C421	NUMBER	[PMMOResult_Service_Level] M1001C421
XDRXAI6DMM2AICSD002UAXYBDK	M1001C628	NUMBER	[PMMOResult_Service_Level] M1001C628
XDRXAIBDMM2AICSD002UAXYBDK	M1001C629	NUMBER	[PMMOResult_Service_Level] M1001C629

XDRXAJ2DMM2AICSD002UAXYBDK	M1001C642	NUMBER	[PMMOResult_Service_Level] M1001C642
XDRXAJ4DMM2AICSD002UAXYBDK	M1001C643	NUMBER	[PMMOResult_Service_Level] M1001C643
XDRXAJ6DMM2AICSD002UAXYBDK	M1001C800	NUMBER	[PMMOResult_Service_Level] M1001C800
XDRXAJBDMM2AICSD002UAXYBDK	M1001C803	NUMBER	[PMMOResult_Service_Level] M1001C803
ROMBBPPAHL26SECCB00HW01QK4	RRC_CONN_ACTIVE_COMP	NUMBER	[PMMOResult_Service_Level] M1001C12
RON30TXAHL26SECCB00HW01QK4	M1001C13	NUMBER	[PMMOResult_Service_Level] M1001C13
RONVUT2AHL26SECCB00HW01QK4	M1001C14	NUMBER	[PMMOResult_Service_Level] M1001C14
ROOPDC6AHL26SECCB00HW01QK4	M1001C15	NUMBER	[PMMOResult_Service_Level] M1001C15
ROPJ24DAHL26SECCB00HW01QK4	M1001C16	NUMBER	[PMMOResult_Service_Level] M1001C16
ROQDQQDAHL26SECCB00HW01QK4	M1001C17	NUMBER	[PMMOResult_Service_Level] M1001C17
ROR2QKDAHL26SECCB00HW01QK4	M1001C18	NUMBER	[PMMOResult_Service_Level] M1001C18
RORYSEPAHL26SECCB00HW01QK4	M1001C19	NUMBER	[PMMOResult_Service_Level] M1001C19
ROST6BLAHL26SECCB00HW01QK4	M1001C20	NUMBER	[PMMOResult_Service_Level] M1001C20
ROTLVBLAHL26SECCB00HW01QK4	M1001C21	NUMBER	[PMMOResult_Service_Level] M1001C21

7.8.103NOK_NKCEL_RRCCONMOBPR_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping

This edition applies to IBM® Tivoli® Netcool® Performance Manager for Wireless and to all subsequent releases and modifications until otherwise indicated in new editions.

CELL_ID		VARCHAR2(50)	[PMMOResult_RRC] WBTS & "/" & CELLID
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
X4IQMSXAFQ2AHDVUJ02UAUIBEV	M1006C99	NUMBER	[PMMOResult_RRC] M1006C99
UAQAD0L1IM2AHSXR0035XKCUAI	M1006C121	NUMBER	[PMMOResult_RRC] M1006C121
UAQAD0N1IM2AHSXR0035XKCUAI	M1006C122	NUMBER	[PMMOResult_RRC] M1006C122
UAQAD0P1IM2AHSXR0035XKCUAI	M1006C123	NUMBER	[PMMOResult_RRC] M1006C123
UAQAD0R1IM2AHSXR0035XKCUAI	M1006C124	NUMBER	[PMMOResult_RRC] M1006C124
UAQAD0T1IM2AHSXR0035XKCUAI	M1006C125	NUMBER	[PMMOResult_RRC] M1006C125
UAQAD0V1IM2AHSXR0035XKCUAI	M1006C126	NUMBER	[PMMOResult_RRC] M1006C126
XDRXAS2DMM2AICSD002UAXYBDK	M1006C179	NUMBER	[PMMOResult_RRC] M1006C179
XDRXAS4DMM2AICSD002UAXYBDK	M1006C180	NUMBER	[PMMOResult_RRC] M1006C180
XDRXAS6DMM2AICSD002UAXYBDK	M1006C181	NUMBER	[PMMOResult_RRC] M1006C181
XDRXASBDMM2AICSD002UAXYBDK	M1006C182	NUMBER	[PMMOResult_RRC] M1006C182
XDRXASDDMM2AICSD002UAXYBDK	M1006C183	NUMBER	[PMMOResult_RRC] M1006C183
XDRXASFDMM2AICSD002UAXYBDK	M1006C184	NUMBER	[PMMOResult_RRC] M1006C184
XDRXASHDMM2AICSD002UAXYBDK	M1006C185	NUMBER	[PMMOResult_RRC] M1006C185
XDRXASJDMM2AICSD002UAXYBDK	M1006C186	NUMBER	[PMMOResult_RRC] M1006C186
XDRXASLDMM2AICSD002U	M1006C187	NUMBER	[PMMOResult_RRC]

AXYBDK			M1006C187
XDRXASNDMM2AICSD002UAXYBDK	M1006C188	NUMBER	[PMMOResult_RRC] M1006C188
XDRXASPDMM2AICSD002UAXYBDK	M1006C189	NUMBER	[PMMOResult_RRC] M1006C189
XDRXASRDMM2AICSD002UAXYBDK	M1006C190	NUMBER	[PMMOResult_RRC] M1006C190
XDRXASTDMM2AICSD002UAXYBDK	M1006C191	NUMBER	[PMMOResult_RRC] M1006C191
ROWSAPXAHL26SECCB00HW01QK4	M1006C34	NUMBER	[PMMOResult_RRC] M1006C34
ROXM1CPAHL26SECCB00HW01QK4	M1006C35	NUMBER	[PMMOResult_RRC] M1006C35
ROYFIAXAHL26SECCB00HW01QK4	M1006C36	NUMBER	[PMMOResult_RRC] M1006C36
RP05P4LAHL26SECCB00HW01QK4	M1006C37	NUMBER	[PMMOResult_RRC] M1006C37
RP10646AHL26SECCB00HW01QK4	M1006C38	NUMBER	[PMMOResult_RRC] M1006C38
RP1VXKXAHL26SECCB00HW01QK4	M1006C39	NUMBER	[PMMOResult_RRC] M1006C39
RP2PCXXAHL26SECCB00HW01QK4	M1006C40	NUMBER	[PMMOResult_RRC] M1006C40
RP3JTUXAHL26SECCB00HW01QK4	RRC_CONN_MODE_LEFT_CELL	NUMBER	[PMMOResult_RRC] M1006C43
RP4ECRLAHL26SECCB00HW01QK4	M1006C41	NUMBER	[PMMOResult_RRC] M1006C41
RP555KDAHL26SECCB00HW01QK4	M1006C42	NUMBER	[PMMOResult_RRC] M1006C42
RP605RXAHL26SECCB00HW01QK4	M1006C66	NUMBER	[PMMOResult_RRC] M1006C66

This edition applies to IBM® Tivoli® Netcool® Performance Manager for Wireless and to all subsequent releases and modifications until otherwise indicated in new editions.

RP6URS6AHL26SECCB00HW01QK4	INTER_RAT_HO_FROM_UTRAN	NUMBER	[PMMOResult_RRC] M1006C61
RPAP4MPAHL26SECCB00HW01QK4	INTER_RAT_HO_FROM_UTRAN_FAIL	NUMBER	[PMMOResult_RRC] M1006C62
RPBJOKXAHL26SECCB00HW01QK4	HO_FROM_UTRAN_COM	NUMBER	[PMMOResult_RRC] M1006C63
RPCE10LAHL26SECCB00HW01QK4	HO_FROM_UTRAN_COM_FAIL	NUMBER	[PMMOResult_RRC] M1006C64
RPD3UCHAHL26SECCB00HW01QK4	RRC_HO_TO_UTRAN_COMP	NUMBER	[PMMOResult_RRC] M1006C65

7.8.104NOK_NKCEL_RRCCONSTP_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
CELL_ID		VARCHAR2(50)	[PMMOResult_Service_Level] WBTS & "/" & CELLID
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
RPLOBRLAHL26SECCB00HW01QK4	M1001C242	NUMBER	[PMMOResult_Service_Level] M1001C242
RPMK6VHAHL26SECCB00HW01QK4	M1001C247	NUMBER	[PMMOResult_Service_Level] M1001C247
RPNFIT6AHL26SECCB00HW01QK4	M1001C259	NUMBER	[PMMOResult_Service_Level] M1001C259
RPOA2C6AHL26SECCB00HW01QK4	M1001C260	NUMBER	[PMMOResult_Service_Level] M1001C260
RPP2BCTAHL26SECCB00HW01QK4	M1001C530	NUMBER	[PMMOResult_Service_Level] M1001C530
RPPWLUHAHL26SECCB00HW01QK4	M1001C573	NUMBER	[PMMOResult_Service_Level] M1001C573
RPQSQ0HAHL26SECCB00HW01QK4	M1001C574	NUMBER	[PMMOResult_Service_Level] M1001C574
RPRWTFDAHL26SECCB00HW01QK4	M1001C575	NUMBER	[PMMOResult_Service_Level] M1001C575
RPSSU0TAHL26SECCB00H	M1001C576	NUMBER	[PMMOResult_Service_Level]

W01QK4			M1001C576
RPTP5S2AHL26SECCB00HW01QK4	M1001C577	NUMBER	[PMMOResult_Service_Level] M1001C577
RPULQDTAHL26SECCB00HW01QK4	M1001C578	NUMBER	[PMMOResult_Service_Level] M1001C578
RPVGNV6AHL26SECCB00HW01QK4	M1001C579	NUMBER	[PMMOResult_Service_Level] M1001C579
RPWAAN6AHL26SECCB00HW01QK4	M1001C580	NUMBER	[PMMOResult_Service_Level] M1001C580
RPX1DP2AHL26SECCB00HW01QK4	M1001C581	NUMBER	[PMMOResult_Service_Level] M1001C581
RPXSMUHAHL26SECCB00HW01QK4	M1001C582	NUMBER	[PMMOResult_Service_Level] M1001C582
RPYNJY2AHL26SECCB00HW01QK4	M1001C583	NUMBER	[PMMOResult_Service_Level] M1001C583
RQ0I31LAHL26SECCB00HW01QK4	M1001C584	NUMBER	[PMMOResult_Service_Level] M1001C584
RQ1CJ5DAHL26SECCB00HW01QK4	M1001C585	NUMBER	[PMMOResult_Service_Level] M1001C585
RQ25UKLAHL26SECCB00HW01QK4	RRC_SETUP_ATT_REPEAT_DETACH	NUMBER	[PMMOResult_Service_Level] M1001C586
RQ30QXPAHL26SECCB00HW01QK4	M1001C587	NUMBER	[PMMOResult_Service_Level] M1001C587
RQ3TP66AHL26SECCB00HW01QK4	M1001C588	NUMBER	[PMMOResult_Service_Level] M1001C588
RQ4OA1DAHL26SECCB00HW01QK4	M1001C589	NUMBER	[PMMOResult_Service_Level] M1001C589
RQ5IVR2AHL26SECCB00HW01QK4	M1001C590	NUMBER	[PMMOResult_Service_Level] M1001C590
RQ6DJN2AHL26SECCB00HW01QK4	M1001C591	NUMBER	[PMMOResult_Service_Level] M1001C591

This edition applies to IBM® Tivoli® Netcool® Performance Manager for Wireless and to all subsequent releases and modifications until otherwise indicated in new editions.

RQA6G4PAHL26SECCB00HW01QK4	M1001C592	NUMBER	[PMMOResult_Service_Level] M1001C592
UAQACTV1IM2AHSXR0035XKCUAI	M1001C610	NUMBER	[PMMOResult_Service_Level] M1001C610
UAQACTX1IM2AHSXR0035XKCUAI	M1001C611	NUMBER	[PMMOResult_Service_Level] M1001C611
UAQACU01IM2AHSXR0035XKCUAI	M1001C612	NUMBER	[PMMOResult_Service_Level] M1001C612
UAQACU21IM2AHSXR0035XKCUAI	M1001C613	NUMBER	[PMMOResult_Service_Level] M1001C613
UAQACU41IM2AHSXR0035XKCUAI	M1001C614	NUMBER	[PMMOResult_Service_Level] M1001C614
UAQACU61IM2AHSXR0035XKCUAI	M1001C615	NUMBER	[PMMOResult_Service_Level] M1001C615
UAQACUB1IM2AHSXR0035XKCUAI	M1001C616	NUMBER	[PMMOResult_Service_Level] M1001C616
UAQACUD1IM2AHSXR0035XKCUAI	M1001C617	NUMBER	[PMMOResult_Service_Level] M1001C617
UAQACUF1IM2AHSXR0035XKCUAI	M1001C618	NUMBER	[PMMOResult_Service_Level] M1001C618
XDRXAIDDMM2AICSD002UAXYBDK	M1001C630	NUMBER	[PMMOResult_Service_Level] M1001C630
XDRXAIFDMM2AICSD002UAXYBDK	M1001C631	NUMBER	[PMMOResult_Service_Level] M1001C631
XDRXAIHDMM2AICSD002UAXYBDK	M1001C632	NUMBER	[PMMOResult_Service_Level] M1001C632
XDRXAIJDMM2AICSD002UAXYBDK	M1001C633	NUMBER	[PMMOResult_Service_Level] M1001C633
XDRXAILDMM2AICSD002UAXYBDK	M1001C634	NUMBER	[PMMOResult_Service_Level] M1001C634
XDRXAJ0DMM2AICSD002UAXYBDK	M1001C641	NUMBER	[PMMOResult_Service_Level] M1001C641
RPDVH2XAHL26SECCB00HW01QK4	RRC_CONN_SETUP_ATT	NUMBER	[PMMOResult_Service_Level] M1001C0
RPEOC5HAHL26SECCB00H	RRC_CONN_SETUP_	NUMBER	[PMMOResult_Service_Level]

W01QK4	COMPL		M1001C1
RPFJCL2AHL26SECCB00HW01QK4	RRC_CONN_SETUP_FAIL_DUE_TO_HC	NUMBER	[PMMOResult_Service_Level] M1001C2
RPGCXSHAHL26SECCB00HW01QK4	RRC_CONN_SETUP_FAIL_DUE_TO_AC	NUMBER	[PMMOResult_Service_Level] M1001C3
RPH4E2DAHL26SECCB00HW01QK4	M1001C4	NUMBER	[PMMOResult_Service_Level] M1001C4
RPHWQVDAHL26SECCB00HW01QK4	M1001C5	NUMBER	[PMMOResult_Service_Level] M1001C5
RPISEM2AHL26SECCB00HW01QK4	M1001C6	NUMBER	[PMMOResult_Service_Level] M1001C6
RPJPD3TAHL26SECCB00HW01QK4	M1001C7	NUMBER	[PMMOResult_Service_Level] M1001C7

7.8.105NOK_NKCEL_RRCESPUCAP_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
CELL_ID		VARCHAR2(50)	[PMMOResult_Service_Level] WBTS & "/" & CELLID
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
WRICA24AFQ2AHDVUJ02UAUIBEV	M1001C595	NUMBER	[PMMOResult_Service_Level] M1001C595
RQCS1C6AHL26SECCB00HW01QK4	UE_SUPPORT_FOR_IPHC	NUMBER	[PMMOResult_Service_Level] M1001C389
RQDN5IPAHL26SECCB00HW01QK4	UE_SUPPORT_FOR_ROHC	NUMBER	[PMMOResult_Service_Level] M1001C390
RQEJCGTAHL26SECCB00HW01QK4	M1001C404	NUMBER	[PMMOResult_Service_Level] M1001C404
RQFE1V2AHL26SECCB00HW01QK4	M1001C405	NUMBER	[PMMOResult_Service_Level] M1001C405

This edition applies to IBM® Tivoli® Netcool® Performance Manager for Wireless and to all subsequent releases and modifications until otherwise indicated in new editions.

RQG5XQLAHL26SECCB00HW01QK4	UE_SUPPORT_FOR_GSM	NUMBER	[PMMOResult_Service_Level] M1001C406
RQH0X0LAHL26SECCB00HW01QK4	M1001C407	NUMBER	[PMMOResult_Service_Level] M1001C407
RQHUMKPAHL26SECCB00HW01QK4	M1001C408	NUMBER	[PMMOResult_Service_Level] M1001C408
RQINVFTAHL26SECCB00HW01QK4	M1001C548	NUMBER	[PMMOResult_Service_Level] M1001C548
RQJI5X6AHL26SECCB00HW01QK4	M1001C549	NUMBER	[PMMOResult_Service_Level] M1001C549
RQKC01TAHL26SECCB00HW01QK4	M1001C550	NUMBER	[PMMOResult_Service_Level] M1001C550
RQL33CDAHL26SECCB00HW01QK4	M1001C551	NUMBER	[PMMOResult_Service_Level] M1001C551
RQLV6X6AHL26SECCB00HW01QK4	M1001C552	NUMBER	[PMMOResult_Service_Level] M1001C552

7.8.106NOK_NKCEL_RRCRADBEASET_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
CELL_ID		VARCHAR2(50)	[PMMOResult_RRC] WBTS & "/" & CELLID
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
XDRXAQ6DMM2AICSD002UAXYBDK	M1006C149	NUMBER	[PMMOResult_RRC] M1006C149
XDRXAQBDMM2AICSD002UAXYBDK	M1006C150	NUMBER	[PMMOResult_RRC] M1006C150
XDRXASVDMM2AICSD002UAXYBDK	M1006C192	NUMBER	[PMMOResult_RRC] M1006C192
XDRXASXDMM2AICSD002UAXYBDK	M1006C193	NUMBER	[PMMOResult_RRC] M1006C193

7.8.107NOK_NKCEL_RRCSTCACLDTCH_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping

CELL_ID		VARCHAR2(50)	[PMMOResult_Service_Level] WBTS & "/" & CELLID
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
RQOEL4LAHL26SECCB00HW01QK4	DETACH_ATTEMPTS	NUMBER	[PMMOResult_Service_Level] M1001C48
RQP5RKXAHL26SECCB00HW01QK4	DETACH_FAILURES	NUMBER	[PMMOResult_Service_Level] M1001C49

7.8.108NOK_NKCEL_RRCSTCACLEMG_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
CELL_ID		VARCHAR2(50)	[PMMOResult_Service_Level] WBTS & "/" & CELLID
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
RQQ0546AHL26SECCB00HW01QK4	EMERGENCY_CALL_ATTEMPTS	NUMBER	[PMMOResult_Service_Level] M1001C40
RQQTURDAHL26SECCB00HW01QK4	EMERGENCY_CALL_FAILURES	NUMBER	[PMMOResult_Service_Level] M1001C41

7.8.109NOK_NKCEL_RRCSTCACLHISG_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
CELL_ID		VARCHAR2(50)	[PMMOResult_Service_Level] WBTS & "/" & CELLID
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
RQRPQSDAHL26SECCB00HW01QK4	M1001C50	NUMBER	[PMMOResult_Service_Level] M1001C50
RQSKYTXAHL26SECCB00	M1001C51	NUMBER	[PMMOResult_Service_Level]

This edition applies to IBM® Tivoli® Netcool® Performance Manager for Wireless and to all subsequent releases and modifications until otherwise indicated in new editions.

HW01QK4			M1001C51
RQTGRFPAHL26SECCB00HW01QK4	M1001C52	NUMBER	[PMMOResult_Service_Level] M1001C52
RQUBX2PAHL26SECCB00HW01QK4	M1001C53	NUMBER	[PMMOResult_Service_Level] M1001C53

7.8.110NOK_NKCEL_RRCSTCACLINRG_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
CELL_ID		VARCHAR2(50)	[PMMOResult_Service_Level] WBTS & "/" & CELLID
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
RQYKN2TAHL26SECCB00HW01QK4	REGISTRATION_ATTEMPTS	NUMBER	[PMMOResult_Service_Level] M1001C46
RR0F11LAHL26SECCB00HW01QK4	REGISTRATION_FAILURES	NUMBER	[PMMOResult_Service_Level] M1001C47

7.8.111NOK_NKCEL_RRCSTCACLIRT_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
CELL_ID		VARCHAR2(50)	[PMMOResult_Service_Level] WBTS & "/" & CELLID
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
RQV3OPPAHL26SECCB00HW01QK4	M1001C42	NUMBER	[PMMOResult_Service_Level] M1001C42
RQVX5UDAHL26SECCB00HW01QK4	M1001C43	NUMBER	[PMMOResult_Service_Level] M1001C43
RQWTYN6AHL26SECCB00HW01QK4	M1001C44	NUMBER	[PMMOResult_Service_Level] M1001C44
RQXPGIHAHL26SECCB00HW01QK4	M1001C45	NUMBER	[PMMOResult_Service_Level] M1001C45

7.8.112NOK_NKCEL_RRCSTCACLLOW_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
CELL_ID		VARCHAR2(50)	[PMMOResult_Service_Level] WBTS & "/" & CELLID
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
RR1AEH6AHL26SECCB00HW01QK4	M1001C54	NUMBER	[PMMOResult_Service_Level] M1001C54
RR25TKXAHL26SECCB00HW01QK4	M1001C55	NUMBER	[PMMOResult_Service_Level] M1001C55
RR31OLHAHL26SECCB00HW01QK4	M1001C56	NUMBER	[PMMOResult_Service_Level] M1001C56
RR3UKPHAHL26SECCB00HW01QK4	M1001C57	NUMBER	[PMMOResult_Service_Level] M1001C57

7.8.113NOK_NKCEL_RRCSTCACLMOBO_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
CELL_ID		VARCHAR2(50)	[PMMOResult_Service_Level] WBTS & "/" & CELLID
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
RR4PKIPAHL26SECCB00HW01QK4	M1001C22	NUMBER	[PMMOResult_Service_Level] M1001C22
RR5JMITAHL26SECCB00HW01QK4	M1001C23	NUMBER	[PMMOResult_Service_Level] M1001C23
RR6GOOHAHL26SECCB00HW01QK4	M1001C24	NUMBER	[PMMOResult_Service_Level] M1001C24
RRABJH2AHL26SECCB00HW01QK4	M1001C25	NUMBER	[PMMOResult_Service_Level] M1001C25
RRB1RQ2AHL26SECCB00H	M1001C26	NUMBER	[PMMOResult_Service_Level]

W01QK4			M1001C26
RRBW3QPAHL26SECCB00HW01QK4	M1001C27	NUMBER	[PMMOResult_Service_Level] M1001C27
RRCR0UDAHL26SECCB00HW01QK4	M1001C28	NUMBER	[PMMOResult_Service_Level] M1001C28
RRDM14TAHL26SECCB00HW01QK4	M1001C29	NUMBER	[PMMOResult_Service_Level] M1001C29
RREGK1DAHL26SECCB00HW01QK4	M1001C30	NUMBER	[PMMOResult_Service_Level] M1001C30
RRFAGGHAHL26SECCB00HW01QK4	M1001C31	NUMBER	[PMMOResult_Service_Level] M1001C31

7.8.114NOK_NKCEL_RRCSTCACLMOBT_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
CELL_ID		VARCHAR2(50)	[PMMOResult_Service_Level] WBTS & "/" & CELLID
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
RRG1WV2AHL26SECCB00HW01QK4	M1001C32	NUMBER	[PMMOResult_Service_Level] M1001C32
RRGW6XTAHL26SECCB00HW01QK4	M1001C33	NUMBER	[PMMOResult_Service_Level] M1001C33
RRHRGYXAHL26SECCB00HW01QK4	M1001C34	NUMBER	[PMMOResult_Service_Level] M1001C34
RRILT1DAHL26SECCB00HW01QK4	M1001C35	NUMBER	[PMMOResult_Service_Level] M1001C35
RRJFKP6AHL26SECCB00HW01QK4	M1001C36	NUMBER	[PMMOResult_Service_Level] M1001C36
RRK6KKLAHL26SECCB00HW01QK4	M1001C37	NUMBER	[PMMOResult_Service_Level] M1001C37
RRL0O4XAHL26SECCB00HW01QK4	M1001C38	NUMBER	[PMMOResult_Service_Level] M1001C38
RRLVW0PAHL26SECCB00HW01QK4	M1001C39	NUMBER	[PMMOResult_Service_Level] M1001C39

7.8.115NOK_NKCEL_RRCSTCACLREST_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
CELL_ID		VARCHAR2(50)	[PMMOResult_Service_Level] WBTS & "/" & CELLID
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
RQMNN16AHL26SECCB00HW01QK4	CALL_RE_ESTAB_ATTEMPTS	NUMBER	[PMMOResult_Service_Level] M1001C58
RQNJHFHAHL26SECCB00HW01QK4	CALL_RE_ESTAB_FAILURES	NUMBER	[PMMOResult_Service_Level] M1001C59

7.8.116NOK_NKCEL_RRCSTCACLTMUK_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
CELL_ID		VARCHAR2(50)	[PMMOResult_Service_Level] WBTS & "/" & CELLID
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
RRMPTDTAHL26SECCB00HW01QK4	M1001C60	NUMBER	[PMMOResult_Service_Level] M1001C60
RRNJQDXAHL26SECCB00HW01QK4	M1001C61	NUMBER	[PMMOResult_Service_Level] M1001C61

7.8.117NOK_NKCEL_SCCPCH_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
CELL_ID		VARCHAR2(50)	[PMMOResult_Cell_Resource] WBTS & "/" & CELLID
TSTAMP		DATE	

This edition applies to IBM® Tivoli® Netcool® Performance Manager for Wireless and to all subsequent releases and modifications until otherwise indicated in new editions.

INSTANCE_ID		NUMBER	
RS6XDOXAHL26SECCB00HW01QK4	AVE_FACH_TOTAL_THROUGHPUT_SAB	NUMBER	[PMMOResult_Cell_Resource] M1000C130
RSAST6DAHL26SECCB00HW01QK4	M1000C131	NUMBER	[PMMOResult_Cell_Resource] M1000C131
RSCMGH2AHL26SECCB00HW01QK4	AVE_FACH_USER_THROUGHPUT_SAB	NUMBER	[PMMOResult_Cell_Resource] M1000C132
RSDHJVTAHL26SECCB00HW01QK4	M1000C133	NUMBER	[PMMOResult_Cell_Resource] M1000C133
RROEHDXAHL26SECCB00HW01QK4	AVE_SCCPCH_INC_PCH_LOAD	FLOAT	[PMMOResult_Cell_Resource] M1000C64
RRP56RTAHL26SECCB00HW01QK4	SCCPCH_LOAD_DENOM_0	NUMBER	[PMMOResult_Cell_Resource] M1000C65
RRPY6OHAHL26SECCB00HW01QK4	AVE_FACH_U_TOT_TPUT_SCCP_PCH	FLOAT	[PMMOResult_Cell_Resource] M1000C66
RRQS6YTAHL26SECCB00HW01QK4	FACH_USER_TOT_TPUT_DENOM_0	NUMBER	[PMMOResult_Cell_Resource] M1000C67
RRRL12HAHL26SECCB00HW01QK4	AVE_FACH_UDATA_TP_SCCPCH_PCH	FLOAT	[PMMOResult_Cell_Resource] M1000C68
RRSEYRDAHL26SECCB00HW01QK4	FACH_U_DATA_TPUT_DENOM_0	NUMBER	[PMMOResult_Cell_Resource] M1000C69
RRT5Y42AHL26SECCB00HW01QK4	AVE_PCH_THROUGHPUT	FLOAT	[PMMOResult_Cell_Resource] M1000C70
RRTYPMXAHL26SECCB00HW01QK4	PCH_THROUGHPUT_DENOM_0	NUMBER	[PMMOResult_Cell_Resource] M1000C71
RRUT45HAHL26SECCB00HW01QK4	AVE_SCCPCH_EXC_PCH_LOAD	FLOAT	[PMMOResult_Cell_Resource] M1000C103
RRVNUE2AHL26SECCB00HW01QK4	SCCPCH_LOAD_DENOM_1	NUMBER	[PMMOResult_Cell_Resource] M1000C104
RRWHWBPAHL26SECCB00HW01QK4	M1000C105	FLOAT	[PMMOResult_Cell_Resource] M1000C105
RRXCTHTAHL26SECCB00HW01QK4	FACH_USER_TOT_TPUT_DENOM_1	NUMBER	[PMMOResult_Cell_Resource] M1000C106
RRY3QHDAHL26SECCB00HW01QK4	M1000C107	FLOAT	[PMMOResult_Cell_Resource] M1000C107

RRYXPD6AHL26SECCB00HW01QK4	FACH_U_DATA_TPUT_DENOM_1	NUMBER	[PMMOResult_Cell_Resource] M1000C108

7.8.118NOK_NKCEL_SGRRCCONSTRQ_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
CELL_ID		VARCHAR2(50)	[PMMOResult_RRC] WBTS & "/" & CELLID
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
X4IQMT0AFQ2AHDVUJ02UAUIBEV	M1006C100	NUMBER	[PMMOResult_RRC] M1006C100
X4IQMT2AFQ2AHDVUJ02UAUIBEV	M1006C101	NUMBER	[PMMOResult_RRC] M1006C101
UAQAD0D1IM2AHSXR0035XKCUAI	M1006C117	NUMBER	[PMMOResult_RRC] M1006C117
UAQAD0F1IM2AHSXR0035XKCUAI	M1006C118	NUMBER	[PMMOResult_RRC] M1006C118
UAQAD0H1IM2AHSXR0035XKCUAI	M1006C119	NUMBER	[PMMOResult_RRC] M1006C119
UAQAD0J1IM2AHSXR0035XKCUAI	M1006C120	NUMBER	[PMMOResult_RRC] M1006C120
RSLSBDLAHL26SECCB00HW01QK4	M1006C0	NUMBER	[PMMOResult_RRC] M1006C0
RSMMFADAHL26SECCB00HW01QK4	M1006C1	NUMBER	[PMMOResult_RRC] M1006C1
RSNHWDXAHL26SECCB00HW01QK4	M1006C2	NUMBER	[PMMOResult_RRC] M1006C2
RSOC5CPAHL26SECCB00HW01QK4	M1006C3	NUMBER	[PMMOResult_RRC] M1006C3
RSP26N6AHL26SECCB00H	M1006C4	NUMBER	[PMMOResult_RRC]

This edition applies to IBM® Tivoli® Netcool® Performance Manager for Wireless and to all subsequent releases and modifications until otherwise indicated in new editions.

W01QK4			M1006C4
RSPX4P6AHL26SECCB00H W01QK4	M1006C5	NUMBER	[PMMOResult_RRC] M1006C5
RSQRNNLAHL26SECCB00H W01QK4	M1006C6	NUMBER	[PMMOResult_RRC] M1006C6
RSRLYQXAHL26SECCB00H W01QK4	M1006C7	NUMBER	[PMMOResult_RRC] M1006C7
RSSFOMXAHL26SECCB00H W01QK4	RRC_CONN_REQ_FO R_EMERG_CALL	NUMBER	[PMMOResult_RRC] M1006C8
RST6CFHAHL26SECCB00H W01QK4	M1006C9	NUMBER	[PMMOResult_RRC] M1006C9
RSU1RQ6AHL26SECCB00H W01QK4	M1006C10	NUMBER	[PMMOResult_RRC] M1006C10
RSUVBDXAHL26SECCB00H W01QK4	RRC_CONN_REQ_FO R_REGISTRATION	NUMBER	[PMMOResult_RRC] M1006C11
RSVQ04LAHL26SECCB00H W01QK4	RRC_CONN_REQ_FO R_DETACH	NUMBER	[PMMOResult_RRC] M1006C12
RSWKGSTAHL26SECCB00H W01QK4	M1006C13	NUMBER	[PMMOResult_RRC] M1006C13
RSXEFHHAHL26SECCB00H W01QK4	M1006C14	NUMBER	[PMMOResult_RRC] M1006C14
RSY50D2AHL26SECCB00H W01QK4	M1006C15	NUMBER	[PMMOResult_RRC] M1006C15
RSYX5TXAHL26SECCB00H W01QK4	M1006C16	NUMBER	[PMMOResult_RRC] M1006C16
RT0QJTTAHL26SECCB00H W01QK4	M1006C17	NUMBER	[PMMOResult_RRC] M1006C17
RT1KGIPAHL26SECCB00H W01QK4	M1006C18	NUMBER	[PMMOResult_RRC] M1006C18
RT2FFMPAHL26SECCB00H W01QK4	RRC_CONN_REQ_FO R_CALL_RE_ESTAB	NUMBER	[PMMOResult_RRC] M1006C19

7.8.119NOK_NKCEL_SGRRCCONSTS_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping

CELL_ID		VARCHAR2(50)	[PMMOResult_RRC] WBTS & "/" & CELLID
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
RTCSOTTAHL26SECCB00HW01QK4	RRC_CONN_RELEASE_ON_CCCH	NUMBER	[PMMOResult_RRC] M1006C109
RTDOG56AHL26SECCB00HW01QK4	M1006C111	NUMBER	[PMMOResult_RRC] M1006C111
RTFH2FXAHL26SECCB00HW01QK4	M1006C112	NUMBER	[PMMOResult_RRC] M1006C112
RTGD20DAHL26SECCB00HW01QK4	M1006C69	NUMBER	[PMMOResult_RRC] M1006C69
RTH54KPAHL26SECCB00HW01QK4	M1006C70	NUMBER	[PMMOResult_RRC] M1006C70
X4IQMT4AFQ2AHDVUJ02UAUIBEV	M1006C102	NUMBER	[PMMOResult_RRC] M1006C102
X4IQMT6AFQ2AHDVUJ02UAUIBEV	M1006C103	NUMBER	[PMMOResult_RRC] M1006C103
X4IQMTBAFQ2AHDVUJ02UAUIBEV	M1006C104	NUMBER	[PMMOResult_RRC] M1006C104
XDI26IRAFQ2AHDVUJ02UAUIBEV	M1006C105	NUMBER	[PMMOResult_RRC] M1006C105
UECVRFJHOS2AIBKMJ035XKCTLN	M1006C110	NUMBER	[PMMOResult_RRC] M1006C110
RT36YS6AHL26SECCB00HW01QK4	RRC_CONN_REQ_FAIL	NUMBER	[PMMOResult_RRC] M1006C20
RT40KAXAHL26SECCB00HW01QK4	RRC_CONN_REJECT	NUMBER	[PMMOResult_RRC] M1006C21
RT4TJLHAHL26SECCB00HW01QK4	RRC_CONN_SETUP	NUMBER	[PMMOResult_RRC] M1006C22
RT5NDFPAHL26SECCB00H	RRC_CONN_SETUP_	NUMBER	[PMMOResult_RRC]

This edition applies to IBM® Tivoli® Netcool® Performance Manager for Wireless and to all subsequent releases and modifications until otherwise indicated in new editions.

W01QK4	COMPL_SENT		M1006C23
RT6HSXLAHL26SECCB00HW01QK4	RRC_CONN_REL	NUMBER	[PMMOResult_RRC] M1006C24
RTACJV2AHL26SECCB00HW01QK4	M1006C51	NUMBER	[PMMOResult_RRC] M1006C51
RTB5XAHAHL26SECCB00HW01QK4	M1006C52	NUMBER	[PMMOResult_RRC] M1006C52
RTC00TDAHL26SECCB00HW01QK4	M1006C53	NUMBER	[PMMOResult_RRC] M1006C53

7.8.120NOK_NKCEL_SIGPAGMSG_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
CELL_ID		VARCHAR2(50)	[PMMOResult_RRC] WBTS & "/" & CELLID
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
RSF3QXDAHL26SECCB00HW01QK4	PAGING_TYPE_1_ATT_CN_ORIG	NUMBER	[PMMOResult_RRC] M1006C25
RSFW40LAHL26SECCB00HW01QK4	PAGING_TYPE_1_ATT_RNC_ORIG	NUMBER	[PMMOResult_RRC] M1006C26
RSGPPFPAHL26SECCB00HW01QK4	PAGING_TYPE_2_ATT	NUMBER	[PMMOResult_RRC] M1006C27
RSHJRXXAHL26SECCB00HW01QK4	IN_DIR_TRAN	NUMBER	[PMMOResult_RRC] M1006C54
RSIEC12AHL26SECCB00HW01QK4	SEC_MOD_CONTRL	NUMBER	[PMMOResult_RRC] M1006C55
RSJ6GEDAHL26SECCB00HW01QK4	SEC_MOD_CONTRL_COMP	NUMBER	[PMMOResult_RRC] M1006C56
RSK0JODAHL26SECCB00HW01QK4	SIG_CONN_REL	NUMBER	[PMMOResult_RRC] M1006C57
RSKU4KDAHL26SECCB00HW01QK4	SIG_CONN_REL_REQ	NUMBER	[PMMOResult_RRC] M1006C58

7.8.121NOK_NKCEL_SIGRRCMEASRP_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
CELL_ID		VARCHAR2(50)	[PMMOResult_RRC] WBTS & "/" & CELLID
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
RTHYA0TAHL26SECCB00HW01QK4	CAP_REQ_UL	NUMBER	[PMMOResult_RRC] M1006C44
RTITT1PAHL26SECCB00HW01QK4	M1006C85	NUMBER	[PMMOResult_RRC] M1006C85

7.8.122NOK_NKCEL_SIGRRCPTCL_ST_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
CELL_ID		VARCHAR2(50)	[PMMOResult_RRC] WBTS & "/" & CELLID
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
RTONF6DAHL26SECCB00HW01QK4	M1006C113	NUMBER	[PMMOResult_RRC] M1006C113
RTPIAVDAHL26SECCB00HW01QK4	CELL_DCH_STATE_TO_CELL_PCH	NUMBER	[PMMOResult_RRC] M1006C114
RTQDNLPAHL26SECCB00HW01QK4	HSDSCH_STATE_TO_CELL_PCH	NUMBER	[PMMOResult_RRC] M1006C115
RTR5D6XAHL26SECCB00HW01QK4	M1006C71	NUMBER	[PMMOResult_RRC] M1006C71
RTS01FLAHL26SECCB00HW01QK4	M1006C86	NUMBER	[PMMOResult_RRC] M1006C86
RTT5UD2AHL26SECCB00HW01QK4	M1006C87	NUMBER	[PMMOResult_RRC] M1006C87
RTU0CGPAHL26SECCB00H	M1006C88	NUMBER	[PMMOResult_RRC]

W01QK4			M1006C88
RTUTJYXAHL26SECCB00HW01QK4	NUM_OF_UE_MEASURED_IN_CELL_DCH	NUMBER	[PMMOResult_RRC] M1006C89
RTWIMPPAHL26SECCB00HW01QK4	M1006C90	NUMBER	[PMMOResult_RRC] M1006C90
RTXELCLAHL26SECCB00HW01QK4	M1006C91	NUMBER	[PMMOResult_RRC] M1006C91
RTYHIUHAHL26SECCB00HW01QK4	M1006C92	NUMBER	[PMMOResult_RRC] M1006C92
RU15XLPAHL26SECCB00HW01QK4	M1006C93	NUMBER	[PMMOResult_RRC] M1006C93
RU23APTAHL26SECCB00HW01QK4	M1006C94	NUMBER	[PMMOResult_RRC] M1006C94
RU2Y14PAHL26SECCB00HW01QK4	NUM_OF_UE_MEASURED_IN_CELL_PCH	NUMBER	[PMMOResult_RRC] M1006C95
UAQAD0B1IM2AHSXR0035XKCUAI	M1006C116	NUMBER	[PMMOResult_RRC] M1006C116
UAQAD101IM2AHSXR0035XKCUAI	M1006C127	NUMBER	[PMMOResult_RRC] M1006C127
XDRXAQDDMM2AICSD002UAXYBDK	M1006C151	NUMBER	[PMMOResult_RRC] M1006C151
XDRXAQFDMM2AICSD002UAXYBDK	M1006C152	NUMBER	[PMMOResult_RRC] M1006C152
XDRXAQHDMM2AICSD002UAXYBDK	M1006C153	NUMBER	[PMMOResult_RRC] M1006C153
XDRXAQJDMM2AICSD002UAXYBDK	M1006C154	NUMBER	[PMMOResult_RRC] M1006C154
XDRXAQLDMM2AICSD002UAXYBDK	M1006C155	NUMBER	[PMMOResult_RRC] M1006C155
XDRXAQNDMM2AICSD002UAXYBDK	M1006C156	NUMBER	[PMMOResult_RRC] M1006C156
XDRXAQPDMM2AICSD002UAXYBDK	M1006C157	NUMBER	[PMMOResult_RRC] M1006C157

XDRXAQRDMM2AICSD002U AXYBDK	M1006C158	NUMBER	[PMMOResult_RRC] M1006C158
XDRXAQTDMM2AICSD002U AXYBDK	M1006C159	NUMBER	[PMMOResult_RRC] M1006C159
XDRXAQVDMM2AICSD002U AXYBDK	M1006C160	NUMBER	[PMMOResult_RRC] M1006C160
XDRXAQXDMM2AICSD002U AXYBDK	M1006C161	NUMBER	[PMMOResult_RRC] M1006C161
XDRXAR0DMM2AICSD002U AXYBDK	M1006C162	NUMBER	[PMMOResult_RRC] M1006C162
XDRXAR2DMM2AICSD002U AXYBDK	M1006C163	NUMBER	[PMMOResult_RRC] M1006C163
XDRXAR4DMM2AICSD002U AXYBDK	M1006C164	NUMBER	[PMMOResult_RRC] M1006C164
XDRXAR6DMM2AICSD002U AXYBDK	M1006C165	NUMBER	[PMMOResult_RRC] M1006C165
XDRXARBDMM2AICSD002U AXYBDK	M1006C166	NUMBER	[PMMOResult_RRC] M1006C166
XDRXARDDMM2AICSD002U AXYBDK	M1006C167	NUMBER	[PMMOResult_RRC] M1006C167
XDRXARFDMM2AICSD002U AXYBDK	M1006C168	NUMBER	[PMMOResult_RRC] M1006C168
XDRXARHDMM2AICSD002U AXYBDK	M1006C169	NUMBER	[PMMOResult_RRC] M1006C169
XDRXARJDMM2AICSD002U AXYBDK	M1006C170	NUMBER	[PMMOResult_RRC] M1006C170
XDRXARLDMM2AICSD002U AXYBDK	M1006C171	NUMBER	[PMMOResult_RRC] M1006C171
XDRXARNDMM2AICSD002U AXYBDK	M1006C172	NUMBER	[PMMOResult_RRC] M1006C172
XDRXARPDMM2AICSD002U	M1006C173	NUMBER	[PMMOResult_RRC]

This edition applies to IBM® Tivoli® Netcool® Performance Manager for Wireless and to all subsequent releases and modifications until otherwise indicated in new editions.

AXYBDK			M1006C173
XDRXARRDMM2AICSD002U AXYBDK	M1006C174	NUMBER	[PMMOResult_RRC] M1006C174
XDRXARTDMM2AICSD002U AXYBDK	M1006C175	NUMBER	[PMMOResult_RRC] M1006C175
XDRXARVDMM2AICSD002U AXYBDK	M1006C176	NUMBER	[PMMOResult_RRC] M1006C176
XDRXARXDMM2AICSD002U AXYBDK	M1006C177	NUMBER	[PMMOResult_RRC] M1006C177
XDRXAS0DMM2AICSD002U AXYBDK	M1006C178	NUMBER	[PMMOResult_RRC] M1006C178
XDRXAT0DMM2AICSD002U AXYBDK	M1006C194	NUMBER	[PMMOResult_RRC] M1006C194
XDRXAT2DMM2AICSD002U AXYBDK	M1006C195	NUMBER	[PMMOResult_RRC] M1006C195
XDRXAT4DMM2AICSD002U AXYBDK	M1006C196	NUMBER	[PMMOResult_RRC] M1006C196
XDRXAT6DMM2AICSD002U AXYBDK	M1006C197	NUMBER	[PMMOResult_RRC] M1006C197
XDRXATBDMM2AICSD002U AXYBDK	M1006C198	NUMBER	[PMMOResult_RRC] M1006C198
XDRXATDDMM2AICSD002U AXYBDK	M1006C199	NUMBER	[PMMOResult_RRC] M1006C199
UECVRFLHOS2AIBKMJ035X KCTLN	M1006C96	NUMBER	[PMMOResult_RRC] M1006C96
UECVRFNHOS2AIBKMJ035X KCTLN	M1006C98	NUMBER	[PMMOResult_RRC] M1006C98
RTJNQCXAHL26SECCB00H W01QK4	CELL_DCH_STATE_ TO_CELL_FACH	NUMBER	[PMMOResult_RRC] M1006C45
RTKGSRPAHL26SECCB00H W01QK4	CELL_FACH_STATE _TO_CELL_DCH	NUMBER	[PMMOResult_RRC] M1006C46
RTLCCLHAHL26SECCB00H W01QK4	M1006C47	NUMBER	[PMMOResult_RRC] M1006C47
RTM4UULAHL26SECCB00H W01QK4	M1006C48	NUMBER	[PMMOResult_RRC] M1006C48

RTMXAPDAHL26SECCB00HW01QK4	CELL_FACH_STATE_TO_URA_PCH	NUMBER	[PMMOResult_RRC] M1006C49
RTNSL2DAHL26SECCB00HW01QK4	MEA_CAP_REQ_FOR_DL	NUMBER	[PMMOResult_RRC] M1006C50

7.8.123NOK_NKCEL_TFALCOMPMDSR_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
CELL_ID		VARCHAR2(50)	[PMMOResult_Traffic] WBTS & "/" & CELLID
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
RVKLF5LAHL26SECCB00HW01QK4	M1002C433	NUMBER	[PMMOResult_Traffic] M1002C433
RVLGBV2AHL26SECCB00HW01QK4	M1002C434	NUMBER	[PMMOResult_Traffic] M1002C434
RVMB6F6AHL26SECCB00HW01QK4	M1002C435	NUMBER	[PMMOResult_Traffic] M1002C435
RVN2W0DAHL26SECCB00HW01QK4	M1002C436	NUMBER	[PMMOResult_Traffic] M1002C436
RVNX4LDAHL26SECCB00HW01QK4	M1002C437	NUMBER	[PMMOResult_Traffic] M1002C437
RVOSKLPAHL26SECCB00HW01QK4	M1002C438	NUMBER	[PMMOResult_Traffic] M1002C438
RVPONBTAHL26SECCB00HW01QK4	M1002C439	NUMBER	[PMMOResult_Traffic] M1002C439
RVQIN1PAHL26SECCB00HW01QK4	M1002C440	NUMBER	[PMMOResult_Traffic] M1002C440
RVDUGJ2AHL26SECCB00HW01QK4	M1002C363	NUMBER	[PMMOResult_Traffic] M1002C363
RVEODVPAHL26SECCB00	M1002C364	NUMBER	[PMMOResult_Traffic]

This edition applies to IBM® Tivoli® Netcool® Performance Manager for Wireless and to all subsequent releases and modifications until otherwise indicated in new editions.

HW01QK4			M1002C364
RVFIVYTAHL26SECCB00HW01QK4	M1002C365	NUMBER	[PMMOResult_Traffic] M1002C365
RVGEJ02AHL26SECCB00HW01QK4	M1002C366	NUMBER	[PMMOResult_Traffic] M1002C366
RVH6QB2AHL26SECCB00HW01QK4	M1002C367	NUMBER	[PMMOResult_Traffic] M1002C367
RVI0UUDAHL26SECCB00HW01QK4	M1002C368	NUMBER	[PMMOResult_Traffic] M1002C368
RVIW202AHL26SECCB00HW01QK4	M1002C369	NUMBER	[PMMOResult_Traffic] M1002C369
RVJR6DDAHL26SECCB00HW01QK4	M1002C370	NUMBER	[PMMOResult_Traffic] M1002C370

7.8.124NOK_NKCEL_TFALORELEDCH_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
CELL_ID		VARCHAR2(50)	[PMMOResult_Traffic] WBTS & "/" & CELLID
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
XDRXAMTDMM2AICSD002UAXYBDK	M1002C609	NUMBER	[PMMOResult_Traffic] M1002C609
XDRXAMVDMM2AICSD002UAXYBDK	M1002C610	NUMBER	[PMMOResult_Traffic] M1002C610
XDRXAMXDMM2AICSD002UAXYBDK	M1002C611	NUMBER	[PMMOResult_Traffic] M1002C611
XDRXAN0DMM2AICSD002UAXYBDK	M1002C612	NUMBER	[PMMOResult_Traffic] M1002C612
YWYI0RFDPV2AICSDJ02UAXYBDK	PC_HSDPA_RESACCRT	FLOAT	[PMMOResult_Traffic] if (M1002C609 + M1002C610 + M1002C611 + M1002C612)=0 then 0 else 100 * ((M1002C609 + M1002C610) / (M1002C609 + M1002C610 + M1002C611

			+ M1002C612))
VR2T6EPEAW2AICSEB035XJHBAX	PC_HSDPA_RESACNRT	FLOAT	[PMMOResult_Traffic] if (M1002C535 + M1002C536 + M1002C537 + M1002C538 + M1002C539 + M1002C540 + M1002C541 + M1002C542)=0 then 0 else 100 * ((M1002C535+M1002C536 + M1002C537 + M1002C538)/ (M1002C535 + M1002C536 + M1002C537 + M1002C538 + M1002C539 + M1002C540 + M1002C541 + M1002C542))
UAQACX01IM2AHSXR0035XKCUAI	M1002C519	NUMBER	[PMMOResult_Traffic] M1002C519
UAQACX21IM2AHSXR0035XKCUAI	M1002C520	NUMBER	[PMMOResult_Traffic] M1002C520
UAQACY41IM2AHSXR0035XKCUAI	M1002C535	NUMBER	[PMMOResult_Traffic] M1002C535
UAQACY61IM2AHSXR0035XKCUAI	M1002C536	NUMBER	[PMMOResult_Traffic] M1002C536
UAQACYB1IM2AHSXR0035XKCUAI	M1002C537	NUMBER	[PMMOResult_Traffic] M1002C537
UAQACYD1IM2AHSXR0035XKCUAI	M1002C538	NUMBER	[PMMOResult_Traffic] M1002C538
UAQACYF1IM2AHSXR0035XKCUAI	M1002C539	NUMBER	[PMMOResult_Traffic] M1002C539
UAQACYH1IM2AHSXR0035XKCUAI	M1002C540	NUMBER	[PMMOResult_Traffic] M1002C540
UAQACYJ1IM2AHSXR0035XKCUAI	M1002C541	NUMBER	[PMMOResult_Traffic] M1002C541
UAQACYL1IM2AHSXR0035XKCUAI	M1002C542	NUMBER	[PMMOResult_Traffic] M1002C542

This edition applies to IBM® Tivoli® Netcool® Performance Manager for Wireless and to all subsequent releases and modifications until otherwise indicated in new editions.

UAQACYP1IM2AHSXR0035XKCUAI	M1002C544	NUMBER	[PMMOResult_Traffic] M1002C544

7.8.125NOK_NKCEL_TFALORELHSDCH_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
CELL_ID		VARCHAR2(50)	[PMMOResult_Traffic] WBTS & "/" & CELLID
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
XDRXAKXDMM2AICSD002UAXYBDK	M1002C579	NUMBER	[PMMOResult_Traffic] M1002C579
XDRXAL0DMM2AICSD002UAXYBDK	M1002C580	NUMBER	[PMMOResult_Traffic] M1002C580
XDRXALRDMM2AICSD002UAXYBDK	M1002C592	NUMBER	[PMMOResult_Traffic] M1002C592
XDRXALTDMM2AICSD002UAXYBDK	M1002C593	NUMBER	[PMMOResult_Traffic] M1002C593
XDRXALVDMM2AICSD002UAXYBDK	M1002C594	NUMBER	[PMMOResult_Traffic] M1002C594
S3E2C42AHL26SECCB00HW01QK4	M1002C407	NUMBER	[PMMOResult_Traffic] M1002C407
S3F00D6AHL26SECCB00HW01QK4	M1002C408	NUMBER	[PMMOResult_Traffic] M1002C408
S3FVRRLAHL26SECCB00HW01QK4	M1002C409	NUMBER	[PMMOResult_Traffic] M1002C409
S3GRE46AHL26SECCB00HW01QK4	M1002C410	NUMBER	[PMMOResult_Traffic] M1002C410
S3HMHSTAHL26SECCB00HW01QK4	M1002C411	NUMBER	[PMMOResult_Traffic] M1002C411
S3IHOG6AHL26SECCB00HW01QK4	M1002C412	NUMBER	[PMMOResult_Traffic] M1002C412
S3JEMMXAHL26SECCB00HW01QK4	M1002C477	NUMBER	[PMMOResult_Traffic] M1002C477
S3KBLPTAHL26SECCB00HW	M1002C478	NUMBER	[PMMOResult_Traffic]

01QK4			M1002C478
S3L6FYPAHL26SECCB00HW01QK4	M1002C479	NUMBER	[PMMOResult_Traffic] M1002C479
S3MG316AHL26SECCB00HW01QK4	M1002C480	NUMBER	[PMMOResult_Traffic] M1002C480
S3NCIGXAHL26SECCB00HW01QK4	M1002C481	NUMBER	[PMMOResult_Traffic] M1002C481
S3O63EDAHL26SECCB00HW01QK4	M1002C482	NUMBER	[PMMOResult_Traffic] M1002C482

7.8.126NOK_NKCEL_TFDCALCSDTCSR_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
CELL_ID		VARCHAR2(50)	[PMMOResult_Traffic] WBTS & "/" & CELLID
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
RVRDXO6AHL26SECCB00HW01QK4	M1002C62	NUMBER	[PMMOResult_Traffic] M1002C62
RVSAELTAHL26SECCB00HW01QK4	M1002C63	NUMBER	[PMMOResult_Traffic] M1002C63
RVT22L6AHL26SECCB00HW01QK4	M1002C64	NUMBER	[PMMOResult_Traffic] M1002C64
RVTVASHAHL26SECCB00HW01QK4	M1002C65	NUMBER	[PMMOResult_Traffic] M1002C65
RVUPBLTAHL26SECCB00HW01QK4	M1002C66	NUMBER	[PMMOResult_Traffic] M1002C66
RVVK6YPAHL26SECCB00HW01QK4	M1002C67	NUMBER	[PMMOResult_Traffic] M1002C67
RVWE32HAHL26SECCB00HW01QK4	M1002C68	NUMBER	[PMMOResult_Traffic] M1002C68

This edition applies to IBM® Tivoli® Netcool® Performance Manager for Wireless and to all subsequent releases and modifications until otherwise indicated in new editions.

RVX5XQ6AHL26SECCB00HW01QK4	M1002C69	NUMBER	[PMMOResult_Traffic] M1002C69
RVYBCDTAHL26SECCB00HW01QK4	M1002C70	NUMBER	[PMMOResult_Traffic] M1002C70
RW03RQHAHL26SECCB00HW01QK4	M1002C71	NUMBER	[PMMOResult_Traffic] M1002C71
RW0W35TAHL26SECCB00HW01QK4	M1002C72	NUMBER	[PMMOResult_Traffic] M1002C72
RW1R4VXAHL26SECCB00HW01QK4	M1002C73	NUMBER	[PMMOResult_Traffic] M1002C73
RW2MHW2AHL26SECCB00HW01QK4	M1002C74	NUMBER	[PMMOResult_Traffic] M1002C74
RW3G6PXAHL26SECCB00HW01QK4	M1002C75	NUMBER	[PMMOResult_Traffic] M1002C75
RW45I0TAHL26SECCB00HW01QK4	M1002C76	NUMBER	[PMMOResult_Traffic] M1002C76
RW4WY3HAHL26SECCB00HW01QK4	M1002C77	NUMBER	[PMMOResult_Traffic] M1002C77
RW5O62HAHL26SECCB00HW01QK4	M1002C78	NUMBER	[PMMOResult_Traffic] M1002C78
RW6GOGDAHL26SECCB00HW01QK4	M1002C79	NUMBER	[PMMOResult_Traffic] M1002C79
RWA6FALAHL26SECCB00HW01QK4	M1002C80	NUMBER	[PMMOResult_Traffic] M1002C80
RWAXM3TAHL26SECCB00HW01QK4	M1002C81	NUMBER	[PMMOResult_Traffic] M1002C81
RWBSY16AHL26SECCB00HW01QK4	TRANSPARENT_CS_DATA_THROUGHPUT	FLOAT	[PMMOResult_Traffic] if (interval*60) = 0 then 0 else (((28.8*M1002C66)+(32*M1002C67)+(33.6*M1002C68)+(64*M1002C69))*(0.01)/(interval*60))
RWCOA5DAHL26SECCB00HW01QK4	UL_NOTRANS_CSDAT_THPT	FLOAT	[PMMOResult_Traffic] if (interval*60) = 0 then 0 else (((14.4*M1002C76)+(28.8*M1002C77)+(57.6*M1002C78))*(0.01)/(interval*60))

RWDK0UXAHL26SECCB00HW01QK4	DL_NOTRANS_CSDAT_THPT	FLOAT	[PMMOResult_Traffic] if (interval*60) = 0 then 0 else (((14.4*M1002C79)+(28.8*M1002C80)+(57.6*M1002C81))*(0.01)/(interval*60))

7.8.127NOK_NKCEL_TFDCALCSTRCLS_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
CELL_ID		VARCHAR2(50)	[PMMOResult_Traffic] WBTS & "/" & CELLID
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
XDRXALLDMM2AICSD002UAXYBDK	M1002C589	NUMBER	[PMMOResult_Traffic] M1002C589
XDRXALNDMM2AICSD002UAXYBDK	M1002C590	NUMBER	[PMMOResult_Traffic] M1002C590
XDRXALPDMM2AICSD002UAXYBDK	M1002C591	NUMBER	[PMMOResult_Traffic] M1002C591

7.8.128NOK_NKCEL_TFDCALCSVOCDR_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
CELL_ID		VARCHAR2(50)	[PMMOResult_Traffic] WBTS & "/" & CELLID
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
RWEH5I2AHL26SECCB00HW01QK4	M1002C254	NUMBER	[PMMOResult_Traffic] M1002C254
RWFDJW6AHL26SECCB00HW01QK4	M1002C255	NUMBER	[PMMOResult_Traffic] M1002C255
RWG5YNLAHL26SECCB00H	M1002C256	NUMBER	[PMMOResult_Traffic]

This edition applies to IBM® Tivoli® Netcool® Performance Manager for Wireless and to all subsequent releases and modifications until otherwise indicated in new editions.

W01QK4			M1002C256
RWH0SU2AHL26SECCB00HW01QK4	M1002C257	NUMBER	[PMMOResult_Traffic] M1002C257
RWHUC4TAHL26SECCB00HW01QK4	M1002C258	NUMBER	[PMMOResult_Traffic] M1002C258
RWIN15TAHL26SECCB00HW01QK4	M1002C259	NUMBER	[PMMOResult_Traffic] M1002C259
RWJIE0XAHL26SECCB00HW01QK4	M1002C260	NUMBER	[PMMOResult_Traffic] M1002C260
RWKCYWHAHL26SECCB00HW01QK4	M1002C261	NUMBER	[PMMOResult_Traffic] M1002C261
RWL4B32AHL26SECCB00HW01QK4	M1002C262	NUMBER	[PMMOResult_Traffic] M1002C262
RWM1F5XAHL26SECCB00HW01QK4	M1002C263	NUMBER	[PMMOResult_Traffic] M1002C263
RWMUKWHAHL26SECCB00HW01QK4	M1002C264	NUMBER	[PMMOResult_Traffic] M1002C264
RWNQQUXAHL26SECCB00HW01QK4	M1002C265	NUMBER	[PMMOResult_Traffic] M1002C265
RWOME6TAHL26SECCB00HW01QK4	M1002C266	NUMBER	[PMMOResult_Traffic] M1002C266
RWPI5TTAHL26SECCB00HW01QK4	M1002C267	NUMBER	[PMMOResult_Traffic] M1002C267
RWQECMXAHL26SECCB00HW01QK4	M1002C268	NUMBER	[PMMOResult_Traffic] M1002C268
RWRA1LXAHL26SECCB00HW01QK4	M1002C269	NUMBER	[PMMOResult_Traffic] M1002C269

7.8.129NOK_NKCEL_TFDCALCSVOCSR_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
CELL_ID		VARCHAR2(50)	[PMMOResult_Traffic] WBTS & "/" & CELLID
TSTAMP		DATE	
INSTANCE_ID		NUMBER	

RWS46JPAHL26SECCB00HW01QK4	M1002C18	NUMBER	[PMMOResult_Traffic] M1002C18
RWT1ETDAHL26SECCB00HW01QK4	M1002C19	NUMBER	[PMMOResult_Traffic] M1002C19
RWTVKEDAHL26SECCB00HW01QK4	M1002C20	NUMBER	[PMMOResult_Traffic] M1002C20
RWUTBSLAHL26SECCB00HW01QK4	M1002C21	NUMBER	[PMMOResult_Traffic] M1002C21
RWVOHMDAHL26SECCB00HW01QK4	M1002C22	NUMBER	[PMMOResult_Traffic] M1002C22
RWWNS06AHL26SECCB00HW01QK4	M1002C23	NUMBER	[PMMOResult_Traffic] M1002C23
RWXKSFDAHL26SECCB00HW01QK4	M1002C24	NUMBER	[PMMOResult_Traffic] M1002C24
RWYHAQLAHL26SECCB00HW01QK4	M1002C25	NUMBER	[PMMOResult_Traffic] M1002C25
RX0GBQTAHL26SECCB00HW01QK4	M1002C26	NUMBER	[PMMOResult_Traffic] M1002C26
RX1II2LAHL26SECCB00HW01QK4	M1002C27	NUMBER	[PMMOResult_Traffic] M1002C27
RX2EQBDAHL26SECCB00HW01QK4	M1002C28	NUMBER	[PMMOResult_Traffic] M1002C28
RX3BJRHAHL26SECCB00HW01QK4	M1002C29	NUMBER	[PMMOResult_Traffic] M1002C29
RX43OSTAHL26SECCB00HW01QK4	M1002C30	NUMBER	[PMMOResult_Traffic] M1002C30
RX4Y3XHAHL26SECCB00HW01QK4	M1002C31	NUMBER	[PMMOResult_Traffic] M1002C31
RX5SU2TAHL26SECCB00HW01QK4	M1002C32	NUMBER	[PMMOResult_Traffic] M1002C32
RX6OSR6AHL26SECCB00H	M1002C33	NUMBER	[PMMOResult_Traffic]

This edition applies to IBM® Tivoli® Netcool® Performance Manager for Wireless and to all subsequent releases and modifications until otherwise indicated in new editions.

W01QK4			M1002C33

7.8.130NOK_NKCEL_TFDCHALDTDR_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
CELL_ID		VARCHAR2(50)	[PMMOResult_Traffic] WBTS & "/" & CELLID
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
RXAL2WTAHL26SECCB00HW01QK4	M1002C291	NUMBER	[PMMOResult_Traffic] M1002C291
RXBHUHPAHL26SECCB00HW01QK4	M1002C292	NUMBER	[PMMOResult_Traffic] M1002C292
RXCFOJ2AHL26SECCB00HW01QK4	M1002C293	NUMBER	[PMMOResult_Traffic] M1002C293
RXDHF1TAHL26SECCB00HW01QK4	M1002C294	NUMBER	[PMMOResult_Traffic] M1002C294
RXEDKJPAHL26SECCB00HW01QK4	M1002C295	NUMBER	[PMMOResult_Traffic] M1002C295
RXFAJDTAHL26SECCB00HW01QK4	M1002C296	NUMBER	[PMMOResult_Traffic] M1002C296
RXGHAKTAHL26SECCB00HW01QK4	M1002C297	NUMBER	[PMMOResult_Traffic] M1002C297
RXHEIVXAHL26SECCB00HW01QK4	M1002C298	NUMBER	[PMMOResult_Traffic] M1002C298
RXIDFUTAHL26SECCB00HW01QK4	M1002C299	NUMBER	[PMMOResult_Traffic] M1002C299
RXJEVYXAHL26SECCB00HW01QK4	M1002C300	NUMBER	[PMMOResult_Traffic] M1002C300
RXKB5TXAHL26SECCB00HW01QK4	M1002C301	NUMBER	[PMMOResult_Traffic] M1002C301
RXL6W1HAHL26SECCB00HW01QK4	M1002C302	NUMBER	[PMMOResult_Traffic] M1002C302
RXM66EXAHL26SECCB00HW01QK4	M1002C303	NUMBER	[PMMOResult_Traffic] M1002C303

RXN3IW6AHL26SECCB00HW01QK4	M1002C304	NUMBER	[PMMOResult_Traffic] M1002C304
RXNWD22AHL26SECCB00HW01QK4	M1002C305	NUMBER	[PMMOResult_Traffic] M1002C305
RXOS4LXAHL26SECCB00HW01QK4	M1002C306	NUMBER	[PMMOResult_Traffic] M1002C306
RXPPF36AHL26SECCB00HW01QK4	M1002C307	NUMBER	[PMMOResult_Traffic] M1002C307
RXQL3PDAHL26SECCB00HW01QK4	M1002C308	NUMBER	[PMMOResult_Traffic] M1002C308
RXRJFRXAHL26SECCB00HW01QK4	M1002C309	NUMBER	[PMMOResult_Traffic] M1002C309
RXSG4OTAHL26SECCB00HW01QK4	M1002C310	NUMBER	[PMMOResult_Traffic] M1002C310
RXTBKRPAHL26SECCB00HW01QK4	M1002C311	NUMBER	[PMMOResult_Traffic] M1002C311
RXU4S2DAHL26SECCB00HW01QK4	M1002C312	NUMBER	[PMMOResult_Traffic] M1002C312
RXV0KNPAHL26SECCB00HW01QK4	M1002C313	NUMBER	[PMMOResult_Traffic] M1002C313
RXVV0A2AHL26SECCB00HW01QK4	M1002C314	NUMBER	[PMMOResult_Traffic] M1002C314
RXWPBYHAHL26SECCB00HW01QK4	UL_PS_DATA_PS_THROUGHPUT_DRNC	FLOAT	[PMMOResult_Traffic] if (interval*60) = 0 then 0 else (((8*M1002C315)+(14.4*M1002C316)+(16*M1002C317)+(28.8*M1002C318)+(32*M1002C319)+(33.6*M1002C320)+(57.6*M1002C321)+(64*M1002C322)+(128*M1002C323)+(256*M1002C324)+(320*M1002C325)+(384*M1002C326))*(0.01)/(interval*60))

This edition applies to IBM® Tivoli® Netcool® Performance Manager for Wireless and to all subsequent releases and modifications until otherwise indicated in new editions.

RXXMNJHAHL26SECCB00HW01QK4	DL_PS_DATA_PS_THROUGHPUT_DRNC	FLOAT	[PMMOResult_Traffic] if (interval*60) = 0 then 0 else (((8*M1002C327)+(14.4*M1002C328)+(16*M1002C329)+(28.8*M1002C330)+(32*M1002C331)+(33.6*M1002C332)+(57.6*M1002C333)+(64*M1002C334)+(128*M1002C335)+(256*M1002C336)+(320*M1002C337)+(384*M1002C338))*(0.01)/(interval*60))

7.8.131NOK_NKCEL_TFDCHALSGLDR_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
CELL_ID		VARCHAR2(50)	[PMMOResult_Traffic] WBTS & "/" & CELLID
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
RY54X2DAHL26SECCB00HW01QK4	SIGNALLING_THROUGHPUT_DRNC	FLOAT	[PMMOResult_Traffic] if (interval*60) = 0 then 0 else (((1.7*M1002C246)+(3.4*M1002C247)+(13.6*M1002C248))*(0.01)/(interval*60))
RXYKFVPAHL26SECCB00HW01QK4	M1002C243	NUMBER	[PMMOResult_Traffic] M1002C243
RY0GNB6AHL26SECCB00HW01QK4	M1002C244	NUMBER	[PMMOResult_Traffic] M1002C244
RY1CMALAHL26SECCB00HW01QK4	M1002C245	NUMBER	[PMMOResult_Traffic] M1002C245
RY25FDTAHL26SECCB00HW01QK4	M1002C246	NUMBER	[PMMOResult_Traffic] M1002C246
RY31IATAHL26SECCB00HW01QK4	M1002C247	NUMBER	[PMMOResult_Traffic] M1002C247
RY4AXVXAHL26SECCB00HW01QK4	M1002C248	NUMBER	[PMMOResult_Traffic] M1002C248

7.8.132NOK_NKCEL_TFDCHDRCSVODR_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
CELL_ID		VARCHAR2(50)	[PMMOResult_Traffic] WBTS & "/" & CELLID
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
RYNSJ5PAHL26SECCB00HW01QK4	UL_CS_AMR_THROUGHPUT_DRNC	FLOAT	[PMMOResult_Traffic] if (interval*60) = 0 then 0 else (((4.75*M1002C270)+(5.15*M1002C271)+(5.9*M1002C272)+(6.7*M1002C273)+(7.4*M1002C274)+(7.95*M1002C275)+(10.2*M1002C276)+(12.2*M1002C277))*(0.01)/(interval*60))
RYOSI1LAHL26SECCB00HW01QK4	DL_CS_AMR_THROUGHPUT_DRNC	FLOAT	[PMMOResult_Traffic] if (interval*60) = 0 then 0 else (((4.75*M1002C278)+(5.15*M1002C279)+(5.9*M1002C280)+(6.7*M1002C281)+(7.4*M1002C282)+(7.95*M1002C283)+(10.2*M1002C284)+(12.2*M1002C285))*(0.01)/(interval*60))
RY64K0DAHL26SECCB00HW01QK4	M1002C270	NUMBER	[PMMOResult_Traffic] M1002C270
RY6YRJHAHL26SECCB00HW01QK4	M1002C271	NUMBER	[PMMOResult_Traffic] M1002C271
RYAUOIHAHL26SECCB00HW01QK4	M1002C272	NUMBER	[PMMOResult_Traffic] M1002C272
RYBT6K2AHL26SECCB00HW01QK4	M1002C273	NUMBER	[PMMOResult_Traffic] M1002C273
RYCOPSTAHL26SECCB00HW01QK4	M1002C274	NUMBER	[PMMOResult_Traffic] M1002C274

RYDJFDDAHL26SECCB00HW01QK4	M1002C275	NUMBER	[PMMOResult_Traffic] M1002C275
RYEGFCXAHL26SECCB00HW01QK4	M1002C276	NUMBER	[PMMOResult_Traffic] M1002C276
RYFBH46AHL26SECCB00HW01QK4	M1002C277	NUMBER	[PMMOResult_Traffic] M1002C277
RYGADXPAHL26SECCB00HW01QK4	M1002C278	NUMBER	[PMMOResult_Traffic] M1002C278
RYH3K5XAHL26SECCB00HW01QK4	M1002C279	NUMBER	[PMMOResult_Traffic] M1002C279
RYHYOLHAHL26SECCB00HW01QK4	M1002C280	NUMBER	[PMMOResult_Traffic] M1002C280
RYIYWNPAHL26SECCB00HW01QK4	M1002C281	NUMBER	[PMMOResult_Traffic] M1002C281
RYJY1MDAHL26SECCB00HW01QK4	M1002C282	NUMBER	[PMMOResult_Traffic] M1002C282
RYKVED6AHL26SECCB00HW01QK4	M1002C283	NUMBER	[PMMOResult_Traffic] M1002C283
RYLRP32AHL26SECCB00HW01QK4	M1002C284	NUMBER	[PMMOResult_Traffic] M1002C284
RYMQQN6AHL26SECCB00HW01QK4	M1002C285	NUMBER	[PMMOResult_Traffic] M1002C285

7.8.133NOK_NKCEL_TFDCHDRCSVOSR_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
CELL_ID		VARCHAR2(50)	[PMMOResult_Traffic] WBTS & "/" & CELLID
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
RYPP0E6AHL26SECCB00HW01QK4	UL_CS_AMR_THROUGHPUT	FLOAT	[PMMOResult_Traffic] if (interval*60) = 0 then 0 else (((4.75*M1002C34)+(5.15*M1002C35)+(5.9*M1002C36)+(6.7*M1002C37)+(7.4*M1002C38)+(7.95*M1002C39)+(10.

			2*M1002C40)+(12.2*M1002C41))*(0.01)/(interval*60))
RYQN0LPAHL26SECCB00HW01QK4	DL_CS_AMR_THROUGHPUT	FLOAT	[PMMOResult_Traffic] if (interval*60) = 0 then 0 else (((4.75*M1002C42)+(5.15*M1002C43)+(5.9*M1002C44)+(6.7*M1002C45)+(7.4*M1002C46)+(7.95*M1002C47)+(10.2*M1002C48)+(12.2*M1002C49))*(0.01)/(interval*60))
RYRQN2HAHL26SECCB00HW01QK4	M1002C34	NUMBER	[PMMOResult_Traffic] M1002C34
RYSLMFPAHL26SECCB00HW01QK4	M1002C35	NUMBER	[PMMOResult_Traffic] M1002C35
RYTG6ALAHL26SECCB00HW01QK4	M1002C36	NUMBER	[PMMOResult_Traffic] M1002C36
RYUAKGHAHL26SECCB00HW01QK4	M1002C37	NUMBER	[PMMOResult_Traffic] M1002C37
RYV2OQ2AHL26SECCB00HW01QK4	M1002C38	NUMBER	[PMMOResult_Traffic] M1002C38
RYVXQVXAHL26SECCB00HW01QK4	M1002C39	NUMBER	[PMMOResult_Traffic] M1002C39
RYWUB6PAHL26SECCB00HW01QK4	M1002C40	NUMBER	[PMMOResult_Traffic] M1002C40
RYXQI4HAHL26SECCB00HW01QK4	M1002C41	NUMBER	[PMMOResult_Traffic] M1002C41
RYYMPRPAHL26SECCB00HW01QK4	M1002C42	NUMBER	[PMMOResult_Traffic] M1002C42
S00J1FLAHL26SECCB00HW01QK4	M1002C43	NUMBER	[PMMOResult_Traffic] M1002C43
S01G3OXAHL26SECCB00HW01QK4	M1002C44	NUMBER	[PMMOResult_Traffic] M1002C44
S02BK26AHL26SECCB00H	M1002C45	NUMBER	[PMMOResult_Traffic]

This edition applies to IBM® Tivoli® Netcool® Performance Manager for Wireless and to all subsequent releases and modifications until otherwise indicated in new editions.

W01QK4			M1002C45
S033XOXAHL26SECCB00HW01QK4	M1002C46	NUMBER	[PMMOResult_Traffic] M1002C46
S041T3PAHL26SECCB00HW01QK4	M1002C47	NUMBER	[PMMOResult_Traffic] M1002C47
S04XDWPAHL26SECCB00HW01QK4	M1002C48	NUMBER	[PMMOResult_Traffic] M1002C48
S05TV0HAHL26SECCB00HW01QK4	M1002C49	NUMBER	[PMMOResult_Traffic] M1002C49

7.8.134NOK_NKCEL_TFDCHDRDTDLDR_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
CELL_ID		VARCHAR2(50)	[PMMOResult_Traffic] WBTS & "/" & CELLID
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
S06S4CHAHL26SECCB00HW01QK4	M1002C327	NUMBER	[PMMOResult_Traffic] M1002C327
S0AQ226AHL26SECCB00HW01QK4	M1002C328	NUMBER	[PMMOResult_Traffic] M1002C328
S0BLS6XAHL26SECCB00HW01QK4	M1002C329	NUMBER	[PMMOResult_Traffic] M1002C329
S0CHBNTAHL26SECCB00HW01QK4	M1002C330	NUMBER	[PMMOResult_Traffic] M1002C330
S0DFC36AHL26SECCB00HW01QK4	M1002C331	NUMBER	[PMMOResult_Traffic] M1002C331
S0EUJ4DAHL26SECCB00HW01QK4	M1002C332	NUMBER	[PMMOResult_Traffic] M1002C332
S0FQF5XAHL26SECCB00HW01QK4	M1002C333	NUMBER	[PMMOResult_Traffic] M1002C333
S0GMVMHAHL26SECCB00HW01QK4	M1002C334	NUMBER	[PMMOResult_Traffic] M1002C334
S0HJPFXAHL26SECCB00HW01QK4	M1002C335	NUMBER	[PMMOResult_Traffic] M1002C335

S0IHKCTAHL26SECCB00HW01QK4	M1002C336	NUMBER	[PMMOResult_Traffic] M1002C336
S0JF1RXAHL26SECCB00HW01QK4	M1002C337	NUMBER	[PMMOResult_Traffic] M1002C337
S0KBNJ6AHL26SECCB00HW01QK4	M1002C338	NUMBER	[PMMOResult_Traffic] M1002C338

7.8.135NOK_NKCEL_TFDCHDRDTULDR_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
CELL_ID		VARCHAR2(50)	[PMMOResult_Traffic] WBTS & "/" & CELLID
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
S0L3IEDAHL26SECCB00HW01QK4	M1002C315	NUMBER	[PMMOResult_Traffic] M1002C315
S0LXE52AHL26SECCB00HW01QK4	M1002C316	NUMBER	[PMMOResult_Traffic] M1002C316
S0MSK2LAHL26SECCB00HW01QK4	M1002C317	NUMBER	[PMMOResult_Traffic] M1002C317
S0NMLYLAHL26SECCB00HW01QK4	M1002C318	NUMBER	[PMMOResult_Traffic] M1002C318
S0OJ5LHAHL26SECCB00HW01QK4	M1002C319	NUMBER	[PMMOResult_Traffic] M1002C319
S0PF3PDAHL26SECCB00HW01QK4	M1002C320	NUMBER	[PMMOResult_Traffic] M1002C320
S0QB4K2AHL26SECCB00HW01QK4	M1002C321	NUMBER	[PMMOResult_Traffic] M1002C321
S0R5AIPAHL26SECCB00HW01QK4	M1002C322	NUMBER	[PMMOResult_Traffic] M1002C322
S0S0FLDAHL26SECCB00H	M1002C323	NUMBER	[PMMOResult_Traffic]

This edition applies to IBM® Tivoli® Netcool® Performance Manager for Wireless and to all subsequent releases and modifications until otherwise indicated in new editions.

W01QK4			M1002C323
S0SVVAHAHL26SECCB00H W01QK4	M1002C324	NUMBER	[PMMOResult_Traffic] M1002C324
S0TSO2XAHL26SECCB00H W01QK4	M1002C325	NUMBER	[PMMOResult_Traffic] M1002C325
S0USFBLAHL26SECCB00H W01QK4	M1002C326	NUMBER	[PMMOResult_Traffic] M1002C326

7.8.136NOK_NKCEL_TFDCHRQCSSR_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
CELL_ID		VARCHAR2(50)	[PMMOResult_Traffic] WBTS & "/" & CELLID
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
SCR1FVDAHL26SECCB00H W01QK4	M1002C50	NUMBER	[PMMOResult_Traffic] M1002C50
SCRX32TAHL26SECCB00H W01QK4	M1002C51	NUMBER	[PMMOResult_Traffic] M1002C51
SCSRFLDAHL26SECCB00H W01QK4	M1002C52	NUMBER	[PMMOResult_Traffic] M1002C52
SCTORA2AHL26SECCB00H W01QK4	M1002C53	NUMBER	[PMMOResult_Traffic] M1002C53
SCULWNHAHL26SECCB00 HW01QK4	M1002C54	NUMBER	[PMMOResult_Traffic] M1002C54
SCVHPHDAHL26SECCB00H W01QK4	M1002C55	NUMBER	[PMMOResult_Traffic] M1002C55
SCWG5CDAHL26SECCB00H W01QK4	M1002C56	NUMBER	[PMMOResult_Traffic] M1002C56
SCXER4HAHL26SECCB00H W01QK4	M1002C57	NUMBER	[PMMOResult_Traffic] M1002C57
SCYBIU2AHL26SECCB00H W01QK4	M1002C58	NUMBER	[PMMOResult_Traffic] M1002C58
SD06HDXAHL26SECCB00H W01QK4	M1002C59	NUMBER	[PMMOResult_Traffic] M1002C59

SD11TEHAHL26SECCB00H W01QK4	M1002C60	NUMBER	[PMMOResult_Traffic] M1002C60
SD1YAN2AHL26SECCB00H W01QK4	M1002C61	NUMBER	[PMMOResult_Traffic] M1002C61
SD2W20PAHL26SECCB00H W01QK4	M1002C343	NUMBER	[PMMOResult_Traffic] M1002C343
SD3U1JHAHL26SECCB00H W01QK4	M1002C344	NUMBER	[PMMOResult_Traffic] M1002C344
SD4QSJHAHL26SECCB00H W01QK4	M1002C345	NUMBER	[PMMOResult_Traffic] M1002C345
SD5NR4XAHL26SECCB00H W01QK4	M1002C346	NUMBER	[PMMOResult_Traffic] M1002C346

7.8.137NOK_NKCEL_TFDCHRQCSVODR_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
CELL_ID		VARCHAR2(50)	[PMMOResult_Traffic] WBTS & "/" & CELLID
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
S0XKL2PAHL26SECCB00H W01QK4	M1002C249	NUMBER	[PMMOResult_Traffic] M1002C249
S0YHYIPAHL26SECCB00H W01QK4	M1002C250	NUMBER	[PMMOResult_Traffic] M1002C250
S10P1SPAHL26SECCB00H W01QK4	M1002C251	NUMBER	[PMMOResult_Traffic] M1002C251
S11JBI6AHL26SECCB00H W01QK4	M1002C252	NUMBER	[PMMOResult_Traffic] M1002C252
S12FAF2AHL26SECCB00H W01QK4	M1002C253	NUMBER	[PMMOResult_Traffic] M1002C253
S13BO06AHL26SECCB00H	M1002C373	NUMBER	[PMMOResult_Traffic]

This edition applies to IBM® Tivoli® Netcool® Performance Manager for Wireless and to all subsequent releases and modifications until otherwise indicated in new editions.

W01QK4			M1002C373
S142UXHAHL26SECCB00H W01QK4	M1002C374	NUMBER	[PMMOResult_Traffic] M1002C374

7.8.138NOK_NKCEL_TFDCHRQCSVOSR_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
CELL_ID		VARCHAR2(50)	[PMMOResult_Traffic] WBTS & "/" & CELLID
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
S14XS66AHL26SECCB00H W01QK4	M1002C12	NUMBER	[PMMOResult_Traffic] M1002C12
S162CRTAHL26SECCB00H W01QK4	M1002C13	NUMBER	[PMMOResult_Traffic] M1002C13
S16X266AHL26SECCB00H W01QK4	M1002C14	NUMBER	[PMMOResult_Traffic] M1002C14
S1AT1CDAHL26SECCB00H W01QK4	M1002C15	NUMBER	[PMMOResult_Traffic] M1002C15
S1BO52PAHL26SECCB00H W01QK4	M1002C16	NUMBER	[PMMOResult_Traffic] M1002C16
S1CJK2LAHL26SECCB00H W01QK4	M1002C17	NUMBER	[PMMOResult_Traffic] M1002C17
S1DG3ITAHL26SECCB00H W01QK4	M1002C341	NUMBER	[PMMOResult_Traffic] M1002C341
S1EC30PAHL26SECCB00H W01QK4	M1002C342	NUMBER	[PMMOResult_Traffic] M1002C342

7.8.139NOK_NKCEL_TFDCHRQDTCLDR_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
CELL_ID		VARCHAR2(50)	[PMMOResult_Traffic] WBTS & "/" & CELLID
TSTAMP		DATE	
INSTANCE_ID		NUMBER	

S1F5VMDAHL26SECCB00HW01QK4	DCH_REQ_FOR_DATA_CALL_IN_DRNC	NUMBER	[PMMOResult_Traffic] M1002C286
S1G1EDPAHL26SECCB00HW01QK4	M1002C287	NUMBER	[PMMOResult_Traffic] M1002C287
S1GWO6TAHL26SECCB00HW01QK4	M1002C288	NUMBER	[PMMOResult_Traffic] M1002C288
S1HR2VPAHL26SECCB00HW01QK4	M1002C289	NUMBER	[PMMOResult_Traffic] M1002C289
S1IJMOTAHL26SECCB00HW01QK4	M1002C290	NUMBER	[PMMOResult_Traffic] M1002C290
S1JCLJXAHL26SECCB00HW01QK4	M1002C375	NUMBER	[PMMOResult_Traffic] M1002C375
S1K3F32AHL26SECCB00HW01QK4	M1002C376	NUMBER	[PMMOResult_Traffic] M1002C376

7.8.140NOK_NKCEL_TFDCHRQPSCSR_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
CELL_ID		VARCHAR2(50)	[PMMOResult_Traffic] WBTS & "/" & CELLID
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
S1KVSKPAHL26SECCB00HW01QK4	M1002C82	NUMBER	[PMMOResult_Traffic] M1002C82
S1LQCLLAHL26SECCB00HW01QK4	M1002C83	NUMBER	[PMMOResult_Traffic] M1002C83
S1ML4XLAHL26SECCB00HW01QK4	M1002C84	NUMBER	[PMMOResult_Traffic] M1002C84
S1NHVXLAHL26SECCB00HW01QK4	M1002C85	NUMBER	[PMMOResult_Traffic] M1002C85
S1ODLXHAHL26SECCB00H	M1002C86	NUMBER	[PMMOResult_Traffic]

This edition applies to IBM® Tivoli® Netcool® Performance Manager for Wireless and to all subsequent releases and modifications until otherwise indicated in new editions.

W01QK4			M1002C86
S1P6PFDAHL26SECCB00H W01QK4	M1002C87	NUMBER	[PMMOResult_Traffic] M1002C87
S1Q2WB6AHL26SECCB00H W01QK4	M1002C88	NUMBER	[PMMOResult_Traffic] M1002C88
S1QWU62AHL26SECCB00H W01QK4	M1002C89	NUMBER	[PMMOResult_Traffic] M1002C89
S1RTGWDAHL26SECCB00 HW01QK4	M1002C90	NUMBER	[PMMOResult_Traffic] M1002C90
S1SOIO2AHL26SECCB00H W01QK4	M1002C91	NUMBER	[PMMOResult_Traffic] M1002C91
S1TJKXXAHL26SECCB00H W01QK4	M1002C92	NUMBER	[PMMOResult_Traffic] M1002C92
S1UGVJPAHL26SECCB00H W01QK4	M1002C93	NUMBER	[PMMOResult_Traffic] M1002C93
S1VBMJ2AHL26SECCB00H W01QK4	M1002C94	NUMBER	[PMMOResult_Traffic] M1002C94
S1W3S6PAHL26SECCB00H W01QK4	M1002C95	NUMBER	[PMMOResult_Traffic] M1002C95
S1WXI6TAHL26SECCB00H W01QK4	M1002C96	NUMBER	[PMMOResult_Traffic] M1002C96
S1XTCSLAHL26SECCB00H W01QK4	M1002C97	NUMBER	[PMMOResult_Traffic] M1002C97
S1YOQ3DAHL26SECCB00H W01QK4	M1002C98	NUMBER	[PMMOResult_Traffic] M1002C98
S20JNTXAHL26SECCB00H W01QK4	M1002C99	NUMBER	[PMMOResult_Traffic] M1002C99
S21GT06AHL26SECCB00H W01QK4	M1002C100	NUMBER	[PMMOResult_Traffic] M1002C100
S22CSD6AHL26SECCB00H W01QK4	M1002C101	NUMBER	[PMMOResult_Traffic] M1002C101

7.8.141NOK_NKCEL_TFDCHRQSGLDR_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping

CELL_ID		VARCHAR2(50)	[PMMOResult_Traffic] WBTS & "/" & CELLID
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
S2KDWLTAHL26SECCB00HW01QK4	DCH_REQ_FOR_SIG_LINK_IN_DRNC	NUMBER	[PMMOResult_Traffic] M1002C238
S2LABSHAHL26SECCB00HW01QK4	M1002C239	NUMBER	[PMMOResult_Traffic] M1002C239
S2M3V1LAHL26SECCB00HW01QK4	M1002C240	NUMBER	[PMMOResult_Traffic] M1002C240
S2MY2SDAHL26SECCB00HW01QK4	M1002C241	NUMBER	[PMMOResult_Traffic] M1002C241
S2NUK22AHL26SECCB00HW01QK4	M1002C242	NUMBER	[PMMOResult_Traffic] M1002C242
S2OQT6HAHL26SECCB00HW01QK4	M1002C371	NUMBER	[PMMOResult_Traffic] M1002C371
S2PMWIDAHL26SECCB00HW01QK4	M1002C372	NUMBER	[PMMOResult_Traffic] M1002C372

7.8.142NOK_NKCEL_TFDCHRQSGLSR_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
CELL_ID		VARCHAR2(50)	[PMMOResult_Traffic] WBTS & "/" & CELLID
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
S236WG2AHL26SECCB00HW01QK4	M1002C102	NUMBER	[PMMOResult_Traffic] M1002C102
S2446NDAHL26SECCB00HW01QK4	M1002C103	NUMBER	[PMMOResult_Traffic] M1002C103
S250EU2AHL26SECCB00H	M1002C104	NUMBER	[PMMOResult_Traffic]

This edition applies to IBM® Tivoli® Netcool® Performance Manager for Wireless and to all subsequent releases and modifications until otherwise indicated in new editions.

W01QK4			M1002C104
S25UA6HAHL26SECCB00H W01QK4	M1002C105	NUMBER	[PMMOResult_Traffic] M1002C105
S26QAFLAHL26SECCB00H W01QK4	M1002C106	NUMBER	[PMMOResult_Traffic] M1002C106
S2ALBQ6AHL26SECCB00H W01QK4	M1002C107	NUMBER	[PMMOResult_Traffic] M1002C107
S2BGAXDAHL26SECCB00 HW01QK4	M1002C108	NUMBER	[PMMOResult_Traffic] M1002C108
S2CB03TAHL26SECCB00H W01QK4	M1002C109	NUMBER	[PMMOResult_Traffic] M1002C109
S2D3TOXAHL26SECCB00H W01QK4	M1002C347	NUMBER	[PMMOResult_Traffic] M1002C347
S2DXH4TAHL26SECCB00H W01QK4	M1002C348	NUMBER	[PMMOResult_Traffic] M1002C348
S2EST5DAHL26SECCB00H W01QK4	M1002C349	NUMBER	[PMMOResult_Traffic] M1002C349
S2FPNJDAHL26SECCB00H W01QK4	M1002C350	NUMBER	[PMMOResult_Traffic] M1002C350
S2GM5M2AHL26SECCB00 HW01QK4	M1002C351	NUMBER	[PMMOResult_Traffic] M1002C351
S2HJ1LLAHL26SECCB00H W01QK4	M1002C352	NUMBER	[PMMOResult_Traffic] M1002C352
S2IL3GLAHL26SECCB00H W01QK4	M1002C353	NUMBER	[PMMOResult_Traffic] M1002C353
S2JHT4DAHL26SECCB00H W01QK4	M1002C354	NUMBER	[PMMOResult_Traffic] M1002C354

7.8.143NOK_NKCEL_TFDCRQHSDCH_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
CELL_ID		VARCHAR2(50)	[PMMOResult_Traffic] WBTS & "/" & CELLID
TSTAMP		DATE	
INSTANCE_ID		NUMBER	

UAQACWB1IM2AHSXR0035XKCUAI	M1002C507	NUMBER	[PMMOResult_Traffic] M1002C507
UAQACWD1IM2AHSXR0035XKCUAI	M1002C508	NUMBER	[PMMOResult_Traffic] M1002C508
UAQACWL1IM2AHSXR0035XKCUAI	M1002C512	NUMBER	[PMMOResult_Traffic] M1002C512
UAQACWN1IM2AHSXR0035XKCUAI	M1002C513	NUMBER	[PMMOResult_Traffic] M1002C513
UAQACWP1IM2AHSXR0035XKCUAI	M1002C514	NUMBER	[PMMOResult_Traffic] M1002C514
XDRXAKBDMM2AICSD002UAXYBDK	M1002C568	NUMBER	[PMMOResult_Traffic] M1002C568
S0VPDWPAHL26SECCB00HW01QK4	M1002C475	NUMBER	[PMMOResult_Traffic] M1002C475
S0WNH2DAHL26SECCB00HW01QK4	M1002C476	NUMBER	[PMMOResult_Traffic] M1002C476

7.8.144NOK_NKCEL_TFNRPDCSBGFSR_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
CELL_ID		VARCHAR2(50)	[PMMOResult_Traffic] WBTS & "/" & CELLID
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
S5Q1AA6AHL26SECCB00HW01QK4	M1002C222	NUMBER	[PMMOResult_Traffic] M1002C222
S5QX15PAHL26SECCB00HW01QK4	M1002C223	NUMBER	[PMMOResult_Traffic] M1002C223
S5RTM22AHL26SECCB00HW01QK4	M1002C224	NUMBER	[PMMOResult_Traffic] M1002C224
S5SQ6CLAHL26SECCB00H	M1002C225	NUMBER	[PMMOResult_Traffic]

This edition applies to IBM® Tivoli® Netcool® Performance Manager for Wireless and to all subsequent releases and modifications until otherwise indicated in new editions.

W01QK4			M1002C225
S5TMCP6AHL26SECCB00HW01QK4	M1002C226	NUMBER	[PMMOResult_Traffic] M1002C226
S5UH6THAHL26SECCB00HW01QK4	M1002C227	NUMBER	[PMMOResult_Traffic] M1002C227
S5VEUPTAHL26SECCB00HW01QK4	M1002C228	NUMBER	[PMMOResult_Traffic] M1002C228
S5WBQFDAHL26SECCB00HW01QK4	M1002C229	NUMBER	[PMMOResult_Traffic] M1002C229
S5XB4WTAHL26SECCB00HW01QK4	M1002C230	NUMBER	[PMMOResult_Traffic] M1002C230
S5Y6F52AHL26SECCB00HW01QK4	M1002C231	NUMBER	[PMMOResult_Traffic] M1002C231
S602RMPAHL26SECCB00HW01QK4	M1002C232	NUMBER	[PMMOResult_Traffic] M1002C232
S60Y2VDAHL26SECCB00HW01QK4	M1002C233	NUMBER	[PMMOResult_Traffic] M1002C233
S61XEEDAHL26SECCB00HW01QK4	M1002C234	NUMBER	[PMMOResult_Traffic] M1002C234
S62WWGTAHL26SECCB00HW01QK4	M1002C235	NUMBER	[PMMOResult_Traffic] M1002C235
S64HNMLAHL26SECCB00HW01QK4	M1002C236	NUMBER	[PMMOResult_Traffic] M1002C236
S65ESCTAHL26SECCB00HW01QK4	M1002C237	NUMBER	[PMMOResult_Traffic] M1002C237

7.8.145NOK_NKCEL_TFNRPDCSITFSR_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
CELL_ID		VARCHAR2(50)	[PMMOResult_Traffic] WBTS & "/" & CELLID
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
S66DYQ6AHL26SECCB00HW01QK4	M1002C206	NUMBER	[PMMOResult_Traffic] M1002C206

S6ACKDXAHL26SECCB00HW01QK4	M1002C207	NUMBER	[PMMOResult_Traffic] M1002C207
S6B6YPLAHL26SECCB00HW01QK4	M1002C208	NUMBER	[PMMOResult_Traffic] M1002C208
S6C46N2AHL26SECCB00HW01QK4	M1002C209	NUMBER	[PMMOResult_Traffic] M1002C209
S6D1NM6AHL26SECCB00HW01QK4	M1002C210	NUMBER	[PMMOResult_Traffic] M1002C210
S6DXTGPAHL26SECCB00HW01QK4	M1002C211	NUMBER	[PMMOResult_Traffic] M1002C211
S6EU4UXAHL26SECCB00HW01QK4	M1002C212	NUMBER	[PMMOResult_Traffic] M1002C212
S6FPC3PAHL26SECCB00HW01QK4	M1002C213	NUMBER	[PMMOResult_Traffic] M1002C213
S6GKE12AHL26SECCB00HW01QK4	M1002C214	NUMBER	[PMMOResult_Traffic] M1002C214
S6HFUNHAHL26SECCB00HW01QK4	M1002C215	NUMBER	[PMMOResult_Traffic] M1002C215
S6IC5LHAHL26SECCB00HW01QK4	M1002C216	NUMBER	[PMMOResult_Traffic] M1002C216
S6J3G26AHL26SECCB00HW01QK4	M1002C217	NUMBER	[PMMOResult_Traffic] M1002C217
S6JXAAHAHL26SECCB00HW01QK4	M1002C218	NUMBER	[PMMOResult_Traffic] M1002C218
S6KRCEXAHL26SECCB00HW01QK4	M1002C219	NUMBER	[PMMOResult_Traffic] M1002C219
S6LKW36AHL26SECCB00HW01QK4	M1002C220	NUMBER	[PMMOResult_Traffic] M1002C220
S6MGER2AHL26SECCB00HW01QK4	M1002C221	NUMBER	[PMMOResult_Traffic] M1002C221

This edition applies to IBM® Tivoli® Netcool® Performance Manager for Wireless and to all subsequent releases and modifications until otherwise indicated in new editions.

7.8.146NOK_NKCEL_TFNRPSBGSR_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
CELL_ID		VARCHAR2(50)	[PMMOResult_Traffic] WBTS & "/" & CELLID
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
S4F0XUDAHL26SECCB00HW01QK4	M1002C158	NUMBER	[PMMOResult_Traffic] M1002C158
S4G2IXPAHL26SECCB00HW01QK4	M1002C159	NUMBER	[PMMOResult_Traffic] M1002C159
S4GWQCTAHL26SECCB00HW01QK4	M1002C160	NUMBER	[PMMOResult_Traffic] M1002C160
S4HS44LAHL26SECCB00HW01QK4	M1002C161	NUMBER	[PMMOResult_Traffic] M1002C161
S4ISGGLAHL26SECCB00HW01QK4	M1002C162	NUMBER	[PMMOResult_Traffic] M1002C162
S4JQE1XAHL26SECCB00HW01QK4	M1002C163	NUMBER	[PMMOResult_Traffic] M1002C163
S4KMHHLAHL26SECCB00HW01QK4	M1002C164	NUMBER	[PMMOResult_Traffic] M1002C164
S4LJ0IDAHL26SECCB00HW01QK4	M1002C165	NUMBER	[PMMOResult_Traffic] M1002C165
S4ME3JXAHL26SECCB00HW01QK4	M1002C166	NUMBER	[PMMOResult_Traffic] M1002C166
S4N5BPDAHL26SECCB00HW01QK4	M1002C167	NUMBER	[PMMOResult_Traffic] M1002C167
S4XSSUPAHL26SECCB00HW01QK4	M1002C168	NUMBER	[PMMOResult_Traffic] M1002C168
S4YRCODAHL26SECCB00HW01QK4	M1002C169	NUMBER	[PMMOResult_Traffic] M1002C169
S50MH1HAHL26SECCB00HW01QK4	M1002C170	NUMBER	[PMMOResult_Traffic] M1002C170
S51JDSXAHL26SECCB00HW01QK4	M1002C171	NUMBER	[PMMOResult_Traffic] M1002C171

S52EKWLAHL26SECCB00HW01QK4	M1002C172	NUMBER	[PMMOResult_Traffic] M1002C172
S53AQTTAHL26SECCB00HW01QK4	M1002C173	NUMBER	[PMMOResult_Traffic] M1002C173
S543SWLAHL26SECCB00HW01QK4	UL_PSDAT_BKG_THPUT	FLOAT	[PMMOResult_Traffic] if (interval*60) = 0 then 0 else (((8*M1002C222)+(16*M1002C223)+(32*M1002C224)+(64*M1002C225)+(128*M1002C226)+(256*M1002C227)+(320*M1002C228)+(384*M1002C229))*(0.01)/(interval*60))
S54YDQ6AHL26SECCB00HW01QK4	DL_PSDAT_BKG_THPUT	FLOAT	[PMMOResult_Traffic] if (interval*60) = 0 then 0 else (((8*M1002C230)+(16*M1002C231)+(32*M1002C232)+(64*M1002C233)+(128*M1002C234)+(256*M1002C235)+(320*M1002C236)+(384*M1002C236))*(0.01)/(interval*60))

7.8.147NOK_NKCEL_TFNRPSITSR_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
CELL_ID		VARCHAR2(50)	[PMMOResult_Traffic] WBTS & "/" & CELLID
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
S55V3J6AHL26SECCB00HW01QK4	M1002C142	NUMBER	[PMMOResult_Traffic] M1002C142
S56Q2S6AHL26SECCB00HW01QK4	M1002C143	NUMBER	[PMMOResult_Traffic] M1002C143
S5AL5PHAHL26SECCB00HW01QK4	M1002C144	NUMBER	[PMMOResult_Traffic] M1002C144

This edition applies to IBM® Tivoli® Netcool® Performance Manager for Wireless and to all subsequent releases and modifications until otherwise indicated in new editions.

S5BHVGTAHL26SECCB00HW01QK4	M1002C145	NUMBER	[PMMOResult_Traffic] M1002C145
S5CEQ3HAHL26SECCB00HW01QK4	M1002C146	NUMBER	[PMMOResult_Traffic] M1002C146
S5D5VTDAHL26SECCB00HW01QK4	M1002C147	NUMBER	[PMMOResult_Traffic] M1002C147
S5E0OR6AHL26SECCB00HW01QK4	M1002C148	NUMBER	[PMMOResult_Traffic] M1002C148
S5ETMBLAHL26SECCB00HW01QK4	M1002C149	NUMBER	[PMMOResult_Traffic] M1002C149
S5FUSVXAHL26SECCB00HW01QK4	M1002C150	NUMBER	[PMMOResult_Traffic] M1002C150
S5GPMTPAHL26SECCB00HW01QK4	M1002C151	NUMBER	[PMMOResult_Traffic] M1002C151
S5HLTTDAHL26SECCB00HW01QK4	M1002C152	NUMBER	[PMMOResult_Traffic] M1002C152
S5IOD0TAHL26SECCB00HW01QK4	M1002C153	NUMBER	[PMMOResult_Traffic] M1002C153
S5JTKOXAHL26SECCB00HW01QK4	M1002C154	NUMBER	[PMMOResult_Traffic] M1002C154
S5KUJ5PAHL26SECCB00HW01QK4	M1002C155	NUMBER	[PMMOResult_Traffic] M1002C155
S5LUN26AHL26SECCB00HW01QK4	M1002C156	NUMBER	[PMMOResult_Traffic] M1002C156
S5N0WRXAHL26SECCB00HW01QK4	M1002C157	NUMBER	[PMMOResult_Traffic] M1002C157
S5O45F2AHL26SECCB00HW01QK4	UL_PSDAT_ITR_THPUT	FLOAT	[PMMOResult_Traffic] if (interval*60) = 0 then 0 else ((8*M1002C206)+(16*M1002C207)+(32*M1002C208)+(64*M1002C209)+(128*M1002C210)+(256*M1002C211)+(320*M1002C212)+(384*M1002C213))*(0.01)/(interval*60)
S5P2PB2AHL26SECCB00HW01QK4	DL_PSDAT_ITR_THPUT	FLOAT	[PMMOResult_Traffic] if (interval*60) = 0 then 0 else (((8*M1002C214)+(16*M1002

			C215)+(32*M1002C216)+(64*M1002C217)+(128*M1002C218)+(256*M1002C219)+(320*M1002C220)+(384*M1002C221))*(0.01)/(interval*60))

7.8.148NOK_NKCEL_TFNRTFREJ_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
CELL_ID		VARCHAR2(50)	[PMMOResult_Traffic] WBTS & "/" & CELLID
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
XDRXAJDDMM2AICSD002UAXYBDK	M1002C553	NUMBER	[PMMOResult_Traffic] M1002C553
XDRXAJFDMM2AICSD002UAXYBDK	M1002C554	NUMBER	[PMMOResult_Traffic] M1002C554
XDRXAJHDMM2AICSD002UAXYBDK	M1002C555	NUMBER	[PMMOResult_Traffic] M1002C555
XDRXAJJDMM2AICSD002UAXYBDK	M1002C556	NUMBER	[PMMOResult_Traffic] M1002C556
XDRXANVDMM2AICSD002UAXYBDK	M1002C626	NUMBER	[PMMOResult_Traffic] M1002C626
XDRXANXDMM2AICSD002UAXYBDK	M1002C627	NUMBER	[PMMOResult_Traffic] M1002C627

7.8.149NOK_NKCEL_TFRQALCMDR_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
CELL_ID		VARCHAR2(50)	[PMMOResult_Traffic] WBTS & "/" & CELLID
TSTAMP		DATE	

This edition applies to IBM® Tivoli® Netcool® Performance Manager for Wireless and to all subsequent releases and modifications until otherwise indicated in new editions.

INSTANCE_ID		NUMBER	
S6V2FUTAHL26SECCB00HW01QK4	M1002C441	NUMBER	[PMMOResult_Traffic] M1002C441
S6W1QHDAHL26SECCB00HW01QK4	M1002C442	NUMBER	[PMMOResult_Traffic] M1002C442
S6WY1LXAHL26SECCB00HW01QK4	M1002C443	NUMBER	[PMMOResult_Traffic] M1002C443
S6Y6DSLAHL26SECCB00HW01QK4	M1002C444	NUMBER	[PMMOResult_Traffic] M1002C444
SA05FI2AHL26SECCB00HW01QK4	M1002C446	NUMBER	[PMMOResult_Traffic] M1002C446
SA12D1TAHL26SECCB00HW01QK4	M1002C447	NUMBER	[PMMOResult_Traffic] M1002C447
SA20KMPAHL26SECCB00HW01QK4	M1002C448	NUMBER	[PMMOResult_Traffic] M1002C448
SA2W3ADAHL26SECCB00HW01QK4	M1002C449	NUMBER	[PMMOResult_Traffic] M1002C449
S6NDXD2AHL26SECCB00HW01QK4	REQ_FOR_COM_MODE_UL_IN_DRNC	NUMBER	[PMMOResult_Traffic] M1002C377
S6O5EHHAHL26SECCB00HW01QK4	REQ_FOR_COM_MODE_DL_IN_DRNC	NUMBER	[PMMOResult_Traffic] M1002C378
S6P3N56AHL26SECCB00HW01QK4	M1002C379	NUMBER	[PMMOResult_Traffic] M1002C379
S6Q1IPPAHL26SECCB00HW01QK4	M1002C380	NUMBER	[PMMOResult_Traffic] M1002C380
S6QYCIDAHL26SECCB00HW01QK4	ALLO_FOR_COM_MODE_UL_IN_DRNC	NUMBER	[PMMOResult_Traffic] M1002C381
S6RXTCTAHL26SECCB00HW01QK4	ALLO_FOR_COM_MODE_DL_IN_DRNC	NUMBER	[PMMOResult_Traffic] M1002C382
S6T2GE6AHL26SECCB00HW01QK4	M1002C383	NUMBER	[PMMOResult_Traffic] M1002C383
S6U4HL6AHL26SECCB00HW01QK4	M1002C384	NUMBER	[PMMOResult_Traffic] M1002C384

7.8.150NOK_NKCEL_TFRQALSGLSR_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
CELL_ID		VARCHAR2(50)	[PMMOResult_Traffic] WBTS & "/" & CELLID
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
UAQACWF1IM2AHSXR0035XKCUAI	M1002C509	NUMBER	[PMMOResult_Traffic] M1002C509
UAQACWH1IM2AHSXR0035XKCUAI	M1002C510	NUMBER	[PMMOResult_Traffic] M1002C510
UAQACWJ1IM2AHSXR0035XKCUAI	M1002C511	NUMBER	[PMMOResult_Traffic] M1002C511
SA3VT2XAHL26SECCB00HW01QK4	DCH_REQ_FOR_SIG_LINK_SRNC	NUMBER	[PMMOResult_Traffic] M1002C0
SA4SMK6AHL26SECCB00HW01QK4	M1002C1	NUMBER	[PMMOResult_Traffic] M1002C1
SA5PRCXAHL26SECCB00HW01QK4	M1002C2	NUMBER	[PMMOResult_Traffic] M1002C2
SA6P3XTAHL26SECCB00HW01QK4	DCH_REQ_FOR_RRC_CONN_IN_SRNC	NUMBER	[PMMOResult_Traffic] M1002C3
SAAMFWDAHL26SECCB00HW01QK4	M1002C4	NUMBER	[PMMOResult_Traffic] M1002C4
SABIKFDAHL26SECCB00HW01QK4	M1002C5	NUMBER	[PMMOResult_Traffic] M1002C5
SACHUGXAHL26SECCB00HW01QK4	M1002C339	NUMBER	[PMMOResult_Traffic] M1002C339
SADEMBXAHL26SECCB00HW01QK4	M1002C340	NUMBER	[PMMOResult_Traffic] M1002C340
SAEAT2XAHL26SECCB00HW01QK4	M1002C6	NUMBER	[PMMOResult_Traffic] M1002C6
SAF4VFXAHL26SECCB00H	M1002C7	NUMBER	[PMMOResult_Traffic]

W01QK4			M1002C7
SAG0TYTAHL26SECCB00HW01QK4	M1002C8	NUMBER	[PMMOResult_Traffic] M1002C8
SAGYVXPAHL26SECCB00HW01QK4	M1002C9	NUMBER	[PMMOResult_Traffic] M1002C9
SAHY3XTAHL26SECCB00HW01QK4	M1002C10	NUMBER	[PMMOResult_Traffic] M1002C10
SAJ06TLAHL26SECCB00HW01QK4	M1002C11	NUMBER	[PMMOResult_Traffic] M1002C11
SAK5J3LAHL26SECCB00HW01QK4	SIGNALLING_THROUGHPUT	FLOAT	[PMMOResult_Traffic] if (interval*60) = 0 then 0 else (((1.7*M1002C9)+(3.4*M1002C10)+(13.6*M1002C11))*(0.01)/(interval*60))

7.8.151NOK_NKCEL_TFRQCMMODSR_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
CELL_ID		VARCHAR2(50)	[PMMOResult_Traffic] WBTS & "/" & CELLID
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
SAL2UE6AHL26SECCB00HW01QK4	M1002C355	NUMBER	[PMMOResult_Traffic] M1002C355
SAM0IU2AHL26SECCB00HW01QK4	M1002C356	NUMBER	[PMMOResult_Traffic] M1002C356
SAMWXPDAHL26SECCB00HW01QK4	M1002C357	NUMBER	[PMMOResult_Traffic] M1002C357
SANUPOHAHL26SECCB00HW01QK4	M1002C358	NUMBER	[PMMOResult_Traffic] M1002C358
SAOS10XAHL26SECCB00HW01QK4	M1002C359	NUMBER	[PMMOResult_Traffic] M1002C359
SAPOXPTAHL26SECCB00HW01QK4	M1002C360	NUMBER	[PMMOResult_Traffic] M1002C360
SAQMINXAHL26SECCB00HW01QK4	M1002C361	NUMBER	[PMMOResult_Traffic] M1002C361

SARJ2QHAHL26SECCB00H W01QK4	M1002C362	NUMBER	[PMMOResult_Traffic] M1002C362

7.8.152NOK_NKCEL_TFRTDRPSCVSR_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
CELL_ID		VARCHA R2(50)	[PMMOResult_Traffic] WBTS & "/" & CELLID
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
SBV04QLAHL26SECCB00H W01QK4	M1002C174	NUMBER	[PMMOResult_Traffic] M1002C174
SBVWOPDAHL26SECCB00 HW01QK4	M1002C175	NUMBER	[PMMOResult_Traffic] M1002C175
SBWTFCDAHL26SECCB00H W01QK4	M1002C176	NUMBER	[PMMOResult_Traffic] M1002C176
SBXSNTTAHL26SECCB00H W01QK4	M1002C177	NUMBER	[PMMOResult_Traffic] M1002C177
SBYSG6LAHL26SECCB00H W01QK4	M1002C178	NUMBER	[PMMOResult_Traffic] M1002C178
SC0PWYPAHL26SECCB00H W01QK4	M1002C179	NUMBER	[PMMOResult_Traffic] M1002C179
SC1LF2HAHL26SECCB00H W01QK4	M1002C180	NUMBER	[PMMOResult_Traffic] M1002C180
SC2GHM6AHL26SECCB00H W01QK4	M1002C181	NUMBER	[PMMOResult_Traffic] M1002C181
SC3A3CPAHL26SECCB00H W01QK4	M1002C182	NUMBER	[PMMOResult_Traffic] M1002C182
SC41EJLAHL26SECCB00H W01QK4	M1002C183	NUMBER	[PMMOResult_Traffic] M1002C183
SC4UFGPAHL26SECCB00H	M1002C184	NUMBER	[PMMOResult_Traffic]

This edition applies to IBM® Tivoli® Netcool® Performance Manager for Wireless and to all subsequent releases and modifications until otherwise indicated in new editions.

W01QK4			M1002C184
SC5NVMTAHL26SECCB00H W01QK4	M1002C185	NUMBER	[PMMOResult_Traffic] M1002C185
SC6I0DXAHL26SECCB00H W01QK4	M1002C186	NUMBER	[PMMOResult_Traffic] M1002C186
SCABWT2AHL26SECCB00H W01QK4	M1002C187	NUMBER	[PMMOResult_Traffic] M1002C187
SCB226PAHL26SECCB00H W01QK4	M1002C188	NUMBER	[PMMOResult_Traffic] M1002C188
SCBVKN6AHL26SECCB00H W01QK4	M1002C189	NUMBER	[PMMOResult_Traffic] M1002C189

7.8.153NOK_NKCEL_TFRTDRPSSTSR_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
CELL_ID		VARCHAR2(50)	[PMMOResult_Traffic] WBTS & "/" & CELLID
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
SCCQ1ADAHL26SECCB00H W01QK4	M1002C190	NUMBER	[PMMOResult_Traffic] M1002C190
SCDK3AHAHL26SECCB00H W01QK4	M1002C191	NUMBER	[PMMOResult_Traffic] M1002C191
SCEEDQ6AHL26SECCB00H W01QK4	M1002C192	NUMBER	[PMMOResult_Traffic] M1002C192
SCF4TRXAHL26SECCB00H W01QK4	M1002C193	NUMBER	[PMMOResult_Traffic] M1002C193
SCFWWD6AHL26SECCB00 HW01QK4	M1002C194	NUMBER	[PMMOResult_Traffic] M1002C194
SCGQOELAHL26SECCB00H W01QK4	M1002C195	NUMBER	[PMMOResult_Traffic] M1002C195
SCHKIVXAHL26SECCB00H W01QK4	M1002C196	NUMBER	[PMMOResult_Traffic] M1002C196
SCIGCN6AHL26SECCB00H W01QK4	M1002C197	NUMBER	[PMMOResult_Traffic] M1002C197

SCJCGX6AHL26SECCB00HW01QK4	M1002C198	NUMBER	[PMMOResult_Traffic] M1002C198
SCKAGEHAHL26SECCB00HW01QK4	M1002C199	NUMBER	[PMMOResult_Traffic] M1002C199
SCL4V1PAHL26SECCB00HW01QK4	M1002C200	NUMBER	[PMMOResult_Traffic] M1002C200
SCM2RQHAHL26SECCB00HW01QK4	M1002C201	NUMBER	[PMMOResult_Traffic] M1002C201
SCN4FMLAHL26SECCB00HW01QK4	M1002C202	NUMBER	[PMMOResult_Traffic] M1002C202
SCO2ASTAHL26SECCB00HW01QK4	M1002C203	NUMBER	[PMMOResult_Traffic] M1002C203
SCP65UPAHL26SECCB00HW01QK4	M1002C204	NUMBER	[PMMOResult_Traffic] M1002C204
SCQ3Y0XAHL26SECCB00HW01QK4	M1002C205	NUMBER	[PMMOResult_Traffic] M1002C205

7.8.154NOK_NKCEL_TFRTPSCVSR_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
CELL_ID		VARCHAR2(50)	[PMMOResult_Traffic] WBTS & "/" & CELLID
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
SASHL6HAHL26SECCB00HW01QK4	M1002C110	NUMBER	[PMMOResult_Traffic] M1002C110
SATEDCLAHL26SECCB00HW01QK4	M1002C111	NUMBER	[PMMOResult_Traffic] M1002C111
SAUABXXAHL26SECCB00HW01QK4	M1002C112	NUMBER	[PMMOResult_Traffic] M1002C112
SAV20JHAHL26SECCB00H	M1002C113	NUMBER	[PMMOResult_Traffic]

This edition applies to IBM® Tivoli® Netcool® Performance Manager for Wireless and to all subsequent releases and modifications until otherwise indicated in new editions.

W01QK4			M1002C113
SAVVCALAHL26SECCB00HW01QK4	M1002C114	NUMBER	[PMMOResult_Traffic] M1002C114
SAWP5BHAHL26SECCB00HW01QK4	M1002C115	NUMBER	[PMMOResult_Traffic] M1002C115
SAXK02XAHL26SECCB00HW01QK4	M1002C116	NUMBER	[PMMOResult_Traffic] M1002C116
SAYELQLAHL26SECCB00HW01QK4	M1002C117	NUMBER	[PMMOResult_Traffic] M1002C117
SB0ACP2AHL26SECCB00HW01QK4	M1002C118	NUMBER	[PMMOResult_Traffic] M1002C118
SB16KGXAHL26SECCB00HW01QK4	M1002C119	NUMBER	[PMMOResult_Traffic] M1002C119
SB25GSHAHL26SECCB00HW01QK4	M1002C120	NUMBER	[PMMOResult_Traffic] M1002C120
SB33BJPAHL26SECCB00HW01QK4	M1002C121	NUMBER	[PMMOResult_Traffic] M1002C121
SB4236HAHL26SECCB00HW01QK4	M1002C122	NUMBER	[PMMOResult_Traffic] M1002C122
SB4XIIHAHL26SECCB00HW01QK4	M1002C123	NUMBER	[PMMOResult_Traffic] M1002C123
SB5W506AHL26SECCB00HW01QK4	M1002C124	NUMBER	[PMMOResult_Traffic] M1002C124
SB6SE5LAHL26SECCB00HW01QK4	M1002C125	NUMBER	[PMMOResult_Traffic] M1002C125
SBARHJTAHL26SECCB00HW01QK4	UL_PSDAT_CNV_THPUT	FLOAT	[PMMOResult_Traffic] if (interval*60) = 0 then 0 else (((8*M1002C174)+(16*M1002C175)+(32*M1002C176)+(64*M1002C177)+(128*M1002C178)+(256*M1002C179)+(320*M1002C180)+(384*M1002C181))*(0.01)/(interval*60))
SBBP5UXAHL26SECCB00HW01QK4	DL_PSDAT_CNV_THPUT	FLOAT	[PMMOResult_Traffic] if (interval*60) = 0 then 0 else (((8*M1002C182)+(16*M1002C183)+(32*M1002C184)+(64*

			M1002C185)+(128*M1002C186)+(256*M1002C187)+(320*M1002C188)+(384*M1002C189))*(0.01)/(interval*60))

7.8.155NOK_NKCEL_TFRTPSSTSR_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
CELL_ID		VARCHAR2(50)	[PMMOResult_Traffic] WBTS & "/" & CELLID
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
SBCNUWLAHL26SECCB00HW01QK4	M1002C126	NUMBER	[PMMOResult_Traffic] M1002C126
SBDTOBXAHL26SECCB00HW01QK4	M1002C127	NUMBER	[PMMOResult_Traffic] M1002C127
SBF5A0LAHL26SECCB00HW01QK4	M1002C128	NUMBER	[PMMOResult_Traffic] M1002C128
SBG1QPTAHL26SECCB00HW01QK4	M1002C129	NUMBER	[PMMOResult_Traffic] M1002C129
SBH2SSLAHL26SECCB00HW01QK4	M1002C130	NUMBER	[PMMOResult_Traffic] M1002C130
SBI0WSPAHL26SECCB00HW01QK4	M1002C131	NUMBER	[PMMOResult_Traffic] M1002C131
SBIWPXLAHL26SECCB00HW01QK4	M1002C132	NUMBER	[PMMOResult_Traffic] M1002C132
SBKBG3HAHL26SECCB00HW01QK4	M1002C133	NUMBER	[PMMOResult_Traffic] M1002C133
SBL6IMHAHL26SECCB00HW01QK4	M1002C134	NUMBER	[PMMOResult_Traffic] M1002C134
SBM5WDLAHL26SECCB00HW01QK4	M1002C135	NUMBER	[PMMOResult_Traffic] M1002C135

This edition applies to IBM® Tivoli® Netcool® Performance Manager for Wireless and to all subsequent releases and modifications until otherwise indicated in new editions.

SBN5GI6AHL26SECCB00HW01QK4	M1002C136	NUMBER	[PMMOResult_Traffic] M1002C136
SBO3ODHAHL26SECCB00HW01QK4	M1002C137	NUMBER	[PMMOResult_Traffic] M1002C137
SBP1XCXAHL26SECCB00HW01QK4	M1002C138	NUMBER	[PMMOResult_Traffic] M1002C138
SBPYLJHAHL26SECCB00HW01QK4	M1002C139	NUMBER	[PMMOResult_Traffic] M1002C139
SBQWS4DAHL26SECCB00HW01QK4	M1002C140	NUMBER	[PMMOResult_Traffic] M1002C140
SBRU1FXAHL26SECCB00HW01QK4	M1002C141	NUMBER	[PMMOResult_Traffic] M1002C141
SBSREFLAHL26SECCB00HW01QK4	UL_PSDAT_STR_THPUT	FLOAT	[PMMOResult_Traffic] if (interval*60) = 0 then 0 else (((8*M1002C190)+(16*M1002C191)+(32*M1002C192)+(64*M1002C193)+(128*M1002C194)+(256*M1002C195)+(320*M1002C196)+(384*M1002C197))*(0.01)/(interval*60))
SBU2IP6AHL26SECCB00HW01QK4	DL_PSDAT_STR_THPUT	FLOAT	[PMMOResult_Traffic] if (interval*60) = 0 then 0 else (((8*M1002C198)+(16*M1002C199)+(32*M1002C200)+(64*M1002C201)+(128*M1002C202)+(256*M1002C203)+(320*M1002C204)+(384*M1002C205))*(0.01)/(interval*60))

7.8.156NOK_NKCEL_TFSTFLEDSCH_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
CELL_ID		VARCHAR2(50)	[PMMOResult_Traffic] WBTS & "/" & CELLID
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
XDRXAM6DMM2AICSD002UAXYBDK	M1002C599	NUMBER	[PMMOResult_Traffic] M1002C599

XDRXAMBDMM2AICSD002UAXYBDK	M1002C600	NUMBER	[PMMOResult_Traffic] M1002C600
XDRXAMHDMM2AICSD002UAXYBDK	M1002C603	NUMBER	[PMMOResult_Traffic] M1002C603
XDRXAMJDMM2AICSD002UAXYBDK	M1002C604	NUMBER	[PMMOResult_Traffic] M1002C604
XDRXAMLDMM2AICSD002UAXYBDK	M1002C605	NUMBER	[PMMOResult_Traffic] M1002C605
XDRXAMNDMM2AICSD002UAXYBDK	M1002C606	NUMBER	[PMMOResult_Traffic] M1002C606
XDRXANBDMM2AICSD002UAXYBDK	M1002C616	NUMBER	[PMMOResult_Traffic] M1002C616
UAQACWR1IM2AHSXR0035XKCUAI	M1002C515	NUMBER	[PMMOResult_Traffic] M1002C515
UAQACWT1IM2AHSXR0035XKCUAI	M1002C516	NUMBER	[PMMOResult_Traffic] M1002C516
UAQACWV1IM2AHSXR0035XKCUAI	M1002C517	NUMBER	[PMMOResult_Traffic] M1002C517
UAQACWX1IM2AHSXR0035XKCUAI	M1002C518	NUMBER	[PMMOResult_Traffic] M1002C518
UAQACXB1IM2AHSXR0035XKCUAI	M1002C523	NUMBER	[PMMOResult_Traffic] M1002C523
UAQACXD1IM2AHSXR0035XKCUAI	M1002C524	NUMBER	[PMMOResult_Traffic] M1002C524
UAQACXF1IM2AHSXR0035XKCUAI	M1002C525	NUMBER	[PMMOResult_Traffic] M1002C525
UAQACXH1IM2AHSXR0035XKCUAI	M1002C526	NUMBER	[PMMOResult_Traffic] M1002C526
UAQACXJ1IM2AHSXR0035XKCUAI	M1002C527	NUMBER	[PMMOResult_Traffic] M1002C527
UAQACXL1IM2AHSXR0035X	M1002C528	NUMBER	[PMMOResult_Traffic]

This edition applies to IBM® Tivoli® Netcool® Performance Manager for Wireless and to all subsequent releases and modifications until otherwise indicated in new editions.

KCUAI			M1002C528
UAQACXN1IM2AHSXR0035X KCUAI	M1002C529	NUMBER	[PMMOResult_Traffic] M1002C529
UAQACXP1IM2AHSXR0035X KCUAI	M1002C530	NUMBER	[PMMOResult_Traffic] M1002C530
UAQAD041IM2AHSXR0035X KCUAI	M1002C551	NUMBER	[PMMOResult_Traffic] M1002C551
UAQAD061IM2AHSXR0035X KCUAI	M1002C552	NUMBER	[PMMOResult_Traffic] M1002C552

7.8.157NOK_NKCEL_TFSTFLHSDSCH_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
CELL_ID		VARCHAR2(50)	[PMMOResult_Traffic] WBTS & "/" & CELLID
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
UAQACW41IM2AHSXR0035 XKCUAI	M1002C505	NUMBER	[PMMOResult_Traffic] M1002C505
UAQACW61IM2AHSXR0035 XKCUAI	M1002C506	NUMBER	[PMMOResult_Traffic] M1002C506
UAQACX41IM2AHSXR0035X KCUAI	M1002C521	NUMBER	[PMMOResult_Traffic] M1002C521
UAQACX61IM2AHSXR0035X KCUAI	M1002C522	NUMBER	[PMMOResult_Traffic] M1002C522
UAQACYV1IM2AHSXR0035 XKCUAI	M1002C547	NUMBER	[PMMOResult_Traffic] M1002C547
UAQACYX1IM2AHSXR0035 XKCUAI	M1002C548	NUMBER	[PMMOResult_Traffic] M1002C548
XDRXAL2DMM2AICSD002U AXYBDK	M1002C581	NUMBER	[PMMOResult_Traffic] M1002C581
XDRXAL4DMM2AICSD002U AXYBDK	M1002C582	NUMBER	[PMMOResult_Traffic] M1002C582
XDRXAL6DMM2AICSD002U AXYBDK	M1002C583	NUMBER	[PMMOResult_Traffic] M1002C583

XDRXALBDMM2AICSD002UAXYBDK	M1002C584	NUMBER	[PMMOResult_Traffic] M1002C584
XDRXALDDMM2AICSD002UAXYBDK	M1002C585	NUMBER	[PMMOResult_Traffic] M1002C585
XDRXALFDMM2AICSD002UAXYBDK	M1002C586	NUMBER	[PMMOResult_Traffic] M1002C586
XDRXALHDMM2AICSD002UAXYBDK	M1002C587	NUMBER	[PMMOResult_Traffic] M1002C587
XDRXALJDMM2AICSD002UAXYBDK	M1002C588	NUMBER	[PMMOResult_Traffic] M1002C588
XDRXAMFDMM2AICSD002UAXYBDK	M1002C602	NUMBER	[PMMOResult_Traffic] M1002C602
XDRXAN4DMM2AICSD002UAXYBDK	M1002C614	NUMBER	[PMMOResult_Traffic] M1002C614
S3SRDXTAHL26SECCB00HW01QK4	M1002C413	NUMBER	[PMMOResult_Traffic] M1002C413
S3TOUHLAHL26SECCB00HW01QK4	M1002C414	NUMBER	[PMMOResult_Traffic] M1002C414
S3UMDADAHL26SECCB00HW01QK4	M1002C415	NUMBER	[PMMOResult_Traffic] M1002C415
S3VIHE2AHL26SECCB00HW01QK4	M1002C416	NUMBER	[PMMOResult_Traffic] M1002C416
S3WG1CLAHL26SECCB00HW01QK4	M1002C417	NUMBER	[PMMOResult_Traffic] M1002C417
S3XDNY6AHL26SECCB00HW01QK4	M1002C418	NUMBER	[PMMOResult_Traffic] M1002C418
S3Y4V1TAHL26SECCB00HW01QK4	M1002C419	NUMBER	[PMMOResult_Traffic] M1002C419
S404SWTAHL26SECCB00HW01QK4	M1002C420	NUMBER	[PMMOResult_Traffic] M1002C420
S41C0Q2AHL26SECCB00HW	M1002C421	NUMBER	[PMMOResult_Traffic]

This edition applies to IBM® Tivoli® Netcool® Performance Manager for Wireless and to all subsequent releases and modifications until otherwise indicated in new editions.

01QK4			M1002C421
S423IW2AHL26SECCB00HW01QK4	M1002C422	NUMBER	[PMMOResult_Traffic] M1002C422
S431MXHAHL26SECCB00HW01QK4	M1002C423	NUMBER	[PMMOResult_Traffic] M1002C423
S43WU0LAHL26SECCB00HW01QK4	M1002C424	NUMBER	[PMMOResult_Traffic] M1002C424
S44S20HAHL26SECCB00HW01QK4	M1002C425	NUMBER	[PMMOResult_Traffic] M1002C425
S45MQ52AHL26SECCB00HW01QK4	M1002C426	NUMBER	[PMMOResult_Traffic] M1002C426
S46L62LAHL26SECCB00HW01QK4	M1002C427	NUMBER	[PMMOResult_Traffic] M1002C427
S4AHYAHAHL26SECCB00HW01QK4	M1002C428	NUMBER	[PMMOResult_Traffic] M1002C428

7.8.158NOK_NKCEL_TRAFAMHSALL_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
CELL_ID		VARCHAR2(50)	[PMMOResult_Traffic] WBTS & "/" & CELLID
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
XDRXANDDMM2AICSD002UAXYBDK	M1002C617	NUMBER	[PMMOResult_Traffic] M1002C617
XDRXANFDMM2AICSD002UAXYBDK	M1002C618	NUMBER	[PMMOResult_Traffic] M1002C618
XDRXANHDMM2AICSD002UAXYBDK	M1002C619	NUMBER	[PMMOResult_Traffic] M1002C619
XDRXANJDMM2AICSD002UAXYBDK	M1002C620	NUMBER	[PMMOResult_Traffic] M1002C620
XDRXANLDMM2AICSD002UAXYBDK	M1002C621	NUMBER	[PMMOResult_Traffic] M1002C621
XDRXANNDMM2AICSD002UAXYBDK	M1002C622	NUMBER	[PMMOResult_Traffic] M1002C622

7.8.159NOK_NKCEL_TRAFEDSCHALC_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
CELL_ID		VARCHAR2(50)	[PMMOResult_Traffic] WBTS & "/" & CELLID
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
XDRXAMDDMM2AICSD002UAXYBDK	M1002C601	NUMBER	[PMMOResult_Traffic] M1002C601
XDRXAMPDMM2AICSD002UAXYBDK	M1002C607	NUMBER	[PMMOResult_Traffic] M1002C607
XDRXAMRDMM2AICSD002UAXYBDK	M1002C608	NUMBER	[PMMOResult_Traffic] M1002C608
XDRXAN6DMM2AICSD002UAXYBDK	M1002C615	NUMBER	[PMMOResult_Traffic] M1002C615
UAQACXV1IM2AHSXR0035XKCUAI	M1002C531	NUMBER	[PMMOResult_Traffic] M1002C531
UAQACXX1IM2AHSXR0035XKCUAI	M1002C532	NUMBER	[PMMOResult_Traffic] M1002C532
UAQACY01IM2AHSXR0035XKCUAI	M1002C533	NUMBER	[PMMOResult_Traffic] M1002C533
UAQACY21IM2AHSXR0035XKCUAI	M1002C534	NUMBER	[PMMOResult_Traffic] M1002C534
UAQACYN1IM2AHSXR0035XKCUAI	M1002C543	NUMBER	[PMMOResult_Traffic] M1002C543
UAQAD001IM2AHSXR0035XKCUAI	M1002C549	NUMBER	[PMMOResult_Traffic] M1002C549
UAQAD021IM2AHSXR0035XKCUAI	M1002C550	NUMBER	[PMMOResult_Traffic] M1002C550

7.8.160NOK_NKCEL_TRAFHSDSCHALC_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
CELL_ID		VARCHAR2(50)	[PMMOResult_Traffic] WBTS & "/" & CELLID
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
S2QJCWXAHL26SECCB00HW01QK4	M1002C385	NUMBER	[PMMOResult_Traffic] M1002C385
S2RFVV2AHL26SECCB00HW01QK4	M1002C386	NUMBER	[PMMOResult_Traffic] M1002C386
S2SBOD2AHL26SECCB00HW01QK4	M1002C387	NUMBER	[PMMOResult_Traffic] M1002C387
S2T2KPTAHL26SECCB00HW01QK4	M1002C388	NUMBER	[PMMOResult_Traffic] M1002C388
S2TUKSXAHL26SECCB00HW01QK4	M1002C389	NUMBER	[PMMOResult_Traffic] M1002C389
S2UNJC6AHL26SECCB00HW01QK4	M1002C390	NUMBER	[PMMOResult_Traffic] M1002C390
S2VHBYTAHL26SECCB00HW01QK4	M1002C391	NUMBER	[PMMOResult_Traffic] M1002C391
S2WAHMTAHL26SECCB00HW01QK4	M1002C392	NUMBER	[PMMOResult_Traffic] M1002C392
S2X03Y6AHL26SECCB00HW01QK4	M1002C393	NUMBER	[PMMOResult_Traffic] M1002C393
S2XSIWPAHL26SECCB00HW01QK4	M1002C394	NUMBER	[PMMOResult_Traffic] M1002C394
S2YLGTTAHL26SECCB00HW01QK4	M1002C395	NUMBER	[PMMOResult_Traffic] M1002C395
S30H5K2AHL26SECCB00HW01QK4	M1002C396	NUMBER	[PMMOResult_Traffic] M1002C396
S31EKAPAHL26SECCB00HW01QK4	M1002C397	NUMBER	[PMMOResult_Traffic] M1002C397
S32BKC6AHL26SECCB00HW01QK4	M1002C398	NUMBER	[PMMOResult_Traffic] M1002C398

S335SJLAHL26SECCB00HW01QK4	M1002C399	NUMBER	[PMMOResult_Traffic] M1002C399
S34I1FTAHL26SECCB00HW01QK4	M1002C400	NUMBER	[PMMOResult_Traffic] M1002C400
S35GGRHAHL26SECCB00HW01QK4	M1002C429	NUMBER	[PMMOResult_Traffic] M1002C429
S36DJMDAHL26SECCB00HW01QK4	M1002C430	NUMBER	[PMMOResult_Traffic] M1002C430
S3A5TI2AHL26SECCB00HW01QK4	M1002C431	NUMBER	[PMMOResult_Traffic] M1002C431
S3B6EETAHL26SECCB00HW01QK4	M1002C432	NUMBER	[PMMOResult_Traffic] M1002C432
S3C3EXTAHL26SECCB00HW01QK4	HSDSCH_THROUGHPUT_INTERACTIVE	FLOAT	[PMMOResult_Traffic] if (interval*60) = 0 then 0 else (((16*M1002C503)+(64*M1002C394)+(128*M1002C395)+(384*M1002C396))*(0.01)/(interval*60))
S3CYMSDAHL26SECCB00HW01QK4	HSDSCH_THROUGHPUT_BACKGROUND	FLOAT	[PMMOResult_Traffic] if (interval*60) = 0 then 0 else (((16*M1002C504)+(64*M1002C398)+(128*M1002C399)+(384*M1002C400))*(0.01)/(interval*60))
UAQACVV1IM2AHSXR0035XKCUAI	M1002C501	NUMBER	[PMMOResult_Traffic] M1002C501
UAQACVX1IM2AHSXR0035XKCUAI	M1002C502	NUMBER	[PMMOResult_Traffic] M1002C502
UAQACW01IM2AHSXR0035XKCUAI	M1002C503	NUMBER	[PMMOResult_Traffic] M1002C503
UAQACW21IM2AHSXR0035XKCUAI	M1002C504	NUMBER	[PMMOResult_Traffic] M1002C504
UAQACYR1IM2AHSXR0035	M1002C545	NUMBER	[PMMOResult_Traffic]

This edition applies to IBM® Tivoli® Netcool® Performance Manager for Wireless and to all subsequent releases and modifications until otherwise indicated in new editions.

XKCUAI			M1002C545
UAQACYT1IM2AHSXR0035XKCUAI	M1002C546	NUMBER	[PMMOResult_Traffic] M1002C546
XDRXAKDDMM2AICSD002UAXYBDK	M1002C569	NUMBER	[PMMOResult_Traffic] M1002C569
XDRXAKFDMM2AICSD002UAXYBDK	M1002C570	NUMBER	[PMMOResult_Traffic] M1002C570
XDRXAKHDMM2AICSD002UAXYBDK	M1002C571	NUMBER	[PMMOResult_Traffic] M1002C571
XDRXAKJDMM2AICSD002UAXYBDK	M1002C572	NUMBER	[PMMOResult_Traffic] M1002C572
XDRXAKLDMM2AICSD002UAXYBDK	M1002C573	NUMBER	[PMMOResult_Traffic] M1002C573
XDRXAKNDMM2AICSD002UAXYBDK	M1002C574	NUMBER	[PMMOResult_Traffic] M1002C574
XDRXAKPDMM2AICSD002UAXYBDK	M1002C575	NUMBER	[PMMOResult_Traffic] M1002C575
XDRXAKRDMM2AICSD002UAXYBDK	M1002C576	NUMBER	[PMMOResult_Traffic] M1002C576
XDRXAKTDMM2AICSD002UAXYBDK	M1002C577	NUMBER	[PMMOResult_Traffic] M1002C577
XDRXAKVDMM2AICSD002UAXYBDK	M1002C578	NUMBER	[PMMOResult_Traffic] M1002C578
XDRXAN2DMM2AICSD002UAXYBDK	M1002C613	NUMBER	[PMMOResult_Traffic] M1002C613

7.8.161NOK_NKCEL_TXPWR_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
CELL_ID		VARCHAR2(50)	[PMMOResult_Cell_Resource] WBTS & "/" & CELLID
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
XDRXACXDMM2AICSD002UAXYBDK	M1000C288	NUMBER	[PMMOResult_Cell_Resource] M1000C288

XDRXAD0DMM2AICSD002U AXYBDK	M1000C289	NUMBER	[PMMOResult_Cell_Resource] M1000C289
XDRXAD2DMM2AICSD002U AXYBDK	M1000C290	NUMBER	[PMMOResult_Cell_Resource] M1000C290
XDRXAD4DMM2AICSD002U AXYBDK	M1000C291	NUMBER	[PMMOResult_Cell_Resource] M1000C291
XDRXAEXDMM2AICSD002U AXYBDK	M1000C320	NUMBER	[PMMOResult_Cell_Resource] M1000C320
XDRXAF0DMM2AICSD002U AXYBDK	M1000C321	NUMBER	[PMMOResult_Cell_Resource] M1000C321
XDRXAF2DMM2AICSD002U AXYBDK	M1000C322	NUMBER	[PMMOResult_Cell_Resource] M1000C322
XDRXAF4DMM2AICSD002U AXYBDK	M1000C323	NUMBER	[PMMOResult_Cell_Resource] M1000C323
XDRXAF6DMM2AICSD002U AXYBDK	M1000C324	NUMBER	[PMMOResult_Cell_Resource] M1000C324
XDRXAFBDMM2AICSD002U AXYBDK	M1000C325	NUMBER	[PMMOResult_Cell_Resource] M1000C325
XDRXAFDDMM2AICSD002U AXYBDK	M1000C326	NUMBER	[PMMOResult_Cell_Resource] M1000C326
XDRXAFFDMM2AICSD002U AXYBDK	M1000C327	NUMBER	[PMMOResult_Cell_Resource] M1000C327
XDRXAFHDMM2AICSD002U AXYBDK	M1000C328	NUMBER	[PMMOResult_Cell_Resource] M1000C328
XDRXAFJDMM2AICSD002U AXYBDK	M1000C329	NUMBER	[PMMOResult_Cell_Resource] M1000C329
XDRXAFLDMM2AICSD002U AXYBDK	M1000C330	NUMBER	[PMMOResult_Cell_Resource] M1000C330
XDRXAFNDMM2AICSD002U AXYBDK	M1000C331	NUMBER	[PMMOResult_Cell_Resource] M1000C331
XDRXAFPDMM2AICSD002U	M1000C332	NUMBER	[PMMOResult_Cell_Resource

This edition applies to IBM® Tivoli® Netcool® Performance Manager for Wireless and to all subsequent releases and modifications until otherwise indicated in new editions.

AXYBDK			] M1000C332
XDRXAFRDMM2AICSD002U AXYBDK	M1000C333	NUMBER	[PMMOResult_Cell_Resource] M1000C333
XDRXAFTDMM2AICSD002U AXYBDK	M1000C334	NUMBER	[PMMOResult_Cell_Resource] M1000C334
XDRXAFVDMM2AICSD002U AXYBDK	M1000C335	NUMBER	[PMMOResult_Cell_Resource] M1000C335
XDRXAFXDMM2AICSD002U AXYBDK	M1000C336	NUMBER	[PMMOResult_Cell_Resource] M1000C336
XDRXAG0DMM2AICSD002U AXYBDK	M1000C337	NUMBER	[PMMOResult_Cell_Resource] M1000C337
XDRXAG2DMM2AICSD002U AXYBDK	M1000C338	NUMBER	[PMMOResult_Cell_Resource] M1000C338
XDRXAG4DMM2AICSD002U AXYBDK	M1000C339	NUMBER	[PMMOResult_Cell_Resource] M1000C339
XDRXAG6DMM2AICSD002U AXYBDK	M1000C340	NUMBER	[PMMOResult_Cell_Resource] M1000C340
XDRXAGBDMM2AICSD002U AXYBDK	M1000C341	NUMBER	[PMMOResult_Cell_Resource] M1000C341
XDRXAGDDMM2AICSD002U AXYBDK	M1000C342	NUMBER	[PMMOResult_Cell_Resource] M1000C342
XDRXAGFDMM2AICSD002U AXYBDK	M1000C343	NUMBER	[PMMOResult_Cell_Resource] M1000C343
XDRXAGHDMM2AICSD002U AXYBDK	M1000C344	NUMBER	[PMMOResult_Cell_Resource] M1000C344
XDRXAGJDMM2AICSD002U AXYBDK	M1000C345	NUMBER	[PMMOResult_Cell_Resource] M1000C345
XDRXAGLDMM2AICSD002U AXYBDK	M1000C346	NUMBER	[PMMOResult_Cell_Resource] M1000C346
XDRXAGNDMM2AICSD002U AXYBDK	M1000C347	NUMBER	[PMMOResult_Cell_Resource] M1000C347
XDRXAGPDMM2AICSD002U AXYBDK	M1000C348	NUMBER	[PMMOResult_Cell_Resource] M1000C348
XDRXAGRDMM2AICSD002U AXYBDK	M1000C349	NUMBER	[PMMOResult_Cell_Resource] M1000C349

XDRXAGTDMM2AICSD002UAXYBDK	M1000C350	NUMBER	[PMMOResult_Cell_Resource] M1000C350
XDRXAGVDMM2AICSD002UAXYBDK	M1000C351	NUMBER	[PMMOResult_Cell_Resource] M1000C351
XDRXAGXDMM2AICSD002UAXYBDK	M1000C352	NUMBER	[PMMOResult_Cell_Resource] M1000C352

7.8.162NOK_NKCEL_UEQM_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
CELL_ID		VARCHAR2(50)	[PMMOResult_RCPM_UEQ] WBTS & "/" & CELLID
RADIO_CONNECTION_TYPE_ID		VARCHAR2(100)	[PMMOResult_RCPM_UEQ] TR_CLASS & ":" & RAB_BR & ":" & RB_BR & ":" & BER_SDU
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
UGPUHEF1IM2AHSXR0035XKCUAI	M1018C0	FLOAT	[PMMOResult_RCPM_UEQ] M1018C0
UGPUHEH1IM2AHSXR0035XKCUAI	M1018C1	NUMBER	[PMMOResult_RCPM_UEQ] M1018C1
UGPUHEJ1IM2AHSXR0035XKCUAI	M1018C2	FLOAT	[PMMOResult_RCPM_UEQ] M1018C2

7.8.163NOK_NKCEL_WAMR_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
CELL_ID		VARCHAR2(50)	[PMMOResult_Traffic] WBTS & "/" & CELLID
TSTAMP		DATE	
INSTANCE_ID		NUMBER	

This edition applies to IBM® Tivoli® Netcool® Performance Manager for Wireless and to all subsequent releases and modifications until otherwise indicated in new editions.

UGW6HQS1VG2AHCWXR02OFAWAEX	M1002C487	NUMBER	[PMMOResult_Traffic] M1002C487
UGW6HQU1VG2AHCWXR02OFAWAEX	M1002C488	NUMBER	[PMMOResult_Traffic] M1002C488
UGW6HQW1VG2AHCWXR02OFAWAEX	M1002C489	NUMBER	[PMMOResult_Traffic] M1002C489
UN26AWW1VG2AHCWXR02OFAWAEX	M1002C490	NUMBER	[PMMOResult_Traffic] M1002C490
UN26AWY1VG2AHCWXR02OFAWAEX	M1002C491	NUMBER	[PMMOResult_Traffic] M1002C491
UN26AX11VG2AHCWXR02OFAWAEX	M1002C492	NUMBER	[PMMOResult_Traffic] M1002C492
UUMM0D51VG2AHCWXR02OFAWAEX	M1002C493	NUMBER	[PMMOResult_Traffic] M1002C493
UUMM0DA1VG2AHCWXR02OFAWAEX	M1002C494	NUMBER	[PMMOResult_Traffic] M1002C494
UUMM0DC1VG2AHCWXR02OFAWAEX	M1002C495	NUMBER	[PMMOResult_Traffic] M1002C495
V2KMVBS1VG2AHCWXR02OFAWAEX	M1002C496	NUMBER	[PMMOResult_Traffic] M1002C496
V2KMVBU1VG2AHCWXR02OFAWAEX	M1002C497	NUMBER	[PMMOResult_Traffic] M1002C497
V2KMVBW1VG2AHCWXR02OFAWAEX	M1002C498	NUMBER	[PMMOResult_Traffic] M1002C498
VD1JXRW1VG2AHCWXR02OFAWAEX	M1002C499	NUMBER	[PMMOResult_Traffic] M1002C499
VD1JXRY1VG2AHCWXR02OFAWAEX	M1002C500	NUMBER	[PMMOResult_Traffic] M1002C500

7.8.164NOK_NKNE_SHODSR_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
CELL_ID		VARCHAR2(50)	[PMMOResult_AutoDef_SHO_DSR] WBTS & "/" & CELLID
TSTAMP		DATE	

INSTANCE_ID		NUMBER	
XJVHE4PDMM2AICSD002UAXYBDK	M1028C0	NUMBER	[PMMOResult_AutoDef_SHO_DSR] M1028C0
XJVHE4RDMM2AICSD002UAXYBDK	M1028C1	NUMBER	[PMMOResult_AutoDef_SHO_DSR] M1028C1
XJVHE4TDMM2AICSD002UAXYBDK	M1028C2	NUMBER	[PMMOResult_AutoDef_SHO_DSR] M1028C2
XJVHE4VDMM2AICSD002UAXYBDK	M1028C3	NUMBER	[PMMOResult_AutoDef_SHO_DSR] M1028C3

7.8.165NOK_RAB_ACC_COMP_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
CELL_ID		VARCHAR2(50)	[PMMOResult_Service_Level] WBTS & "/" & CELLID
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
WLIEKS4AFQ2AHDVUJ02UAUIBEV	M1001C262	NUMBER	[PMMOResult_Service_Level] M1001C262

7.8.166NOK_RAB_CONN_IN_CS_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
CELL_ID		VARCHAR2(50)	[PMMOResult_Service_Level] WBTS & "/" & CELLID
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
WRIC6WPAFQ2AHDVUJ02UAUIBEV	M1001C467	NUMBER	[PMMOResult_Service_Level] M1001C467
WRIC6WRAFQ2AHDVUJ02UAUIBEV	M1001C468	NUMBER	[PMMOResult_Service_Level] M1001C468

This edition applies to IBM® Tivoli® Netcool® Performance Manager for Wireless and to all subsequent releases and modifications until otherwise indicated in new editions.

WRIC6WTAFQ2AHDVUJ02UAUIBEV	M1001C469	NUMBER	[PMMOResult_Service_Level] M1001C469
WRIC6X2AFQ2AHDVUJ02UAUIBEV	M1001C474	NUMBER	[PMMOResult_Service_Level] M1001C474
WRIC6X4AFQ2AHDVUJ02UAUIBEV	M1001C475	NUMBER	[PMMOResult_Service_Level] M1001C475
WRIC6X6AFQ2AHDVUJ02UAUIBEV	M1001C476	NUMBER	[PMMOResult_Service_Level] M1001C476
WRIC6XBAFQ2AHDVUJ02UAUIBEV	M1001C477	NUMBER	[PMMOResult_Service_Level] M1001C477
WRIC6XDAFQ2AHDVUJ02UAUIBEV	M1001C478	NUMBER	[PMMOResult_Service_Level] M1001C478
WRIC6XFAFQ2AHDVUJ02UAUIBEV	M1001C479	NUMBER	[PMMOResult_Service_Level] M1001C479

7.8.167NOK_RAB_CONN_IN_PS_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
CELL_ID		VARCHAR2(50)	[PMMOResult_Service_Level] WBTS & "/" & CELLID
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
WRIC6WVAFQ2AHDVUJ02UAUIBEV	M1001C471	NUMBER	[PMMOResult_Service_Level] M1001C471
WRIC6WXAFQ2AHDVUJ02UAUIBEV	M1001C472	NUMBER	[PMMOResult_Service_Level] M1001C472
WRIC6X0AFQ2AHDVUJ02UAUIBEV	M1001C473	NUMBER	[PMMOResult_Service_Level] M1001C473
WRIC6XHAFQ2AHDVUJ02UAUIBEV	M1001C480	NUMBER	[PMMOResult_Service_Level] M1001C480
WRIC6XJAFQ2AHDVUJ02UAUIBEV	M1001C481	NUMBER	[PMMOResult_Service_Level] M1001C481
WRIC6XLAFQ2AHDVUJ02UAUIBEV	M1001C482	NUMBER	[PMMOResult_Service_Level] M1001C482
WRIC6XNAFQ2AHDVUJ02	M1001C483	NUMBER	[PMMOResult_Service_Level]

UAUIBEV			M1001C483
WRIC6XPAFQ2AHDVUJ02UAUIBEV	M1001C484	NUMBER	[PMMOResult_Service_Level] M1001C484
WRIC6XRAFQ2AHDVUJ02UAUIBEV	M1001C485	NUMBER	[PMMOResult_Service_Level] M1001C485
WRIC6XTAFQ2AHDVUJ02UAUIBEV	M1001C486	NUMBER	[PMMOResult_Service_Level] M1001C486
WRIC6XVAFQ2AHDVUJ02UAUIBEV	M1001C487	NUMBER	[PMMOResult_Service_Level] M1001C487
WRIC6XXAFQ2AHDVUJ02UAUIBEV	M1001C488	NUMBER	[PMMOResult_Service_Level] M1001C488

7.8.168NOK_RAB_CONN_OUT_CS_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
CELL_ID		VARCHAR2(50)	[PMMOResult_Service_Level] WBTS & "/" & CELLID
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
WRIC6VDAFQ2AHDVUJ02UAUIBEV	M1001C444	NUMBER	[PMMOResult_Service_Level] M1001C444
WRIC6VFAFQ2AHDVUJ02UAUIBEV	M1001C445	NUMBER	[PMMOResult_Service_Level] M1001C445
WRIC6VHAFQ2AHDVUJ02UAUIBEV	M1001C446	NUMBER	[PMMOResult_Service_Level] M1001C446
WRIC6VPAFQ2AHDVUJ02UAUIBEV	M1001C451	NUMBER	[PMMOResult_Service_Level] M1001C451
WRIC6VRAFQ2AHDVUJ02UAUIBEV	M1001C452	NUMBER	[PMMOResult_Service_Level] M1001C452
WRIC6VTAFQ2AHDVUJ02UAUIBEV	M1001C453	NUMBER	[PMMOResult_Service_Level] M1001C453

This edition applies to IBM® Tivoli® Netcool® Performance Manager for Wireless and to all subsequent releases and modifications until otherwise indicated in new editions.

WRIC6VVAFQ2AHDVUJ02UAUIBEV	M1001C454	NUMBER	[PMMOResult_Service_Level] M1001C454
WRIC6VXAFQ2AHDVUJ02UAUIBEV	M1001C455	NUMBER	[PMMOResult_Service_Level] M1001C455
WRIC6W0AFQ2AHDVUJ02UAUIBEV	M1001C456	NUMBER	[PMMOResult_Service_Level] M1001C456

7.8.169NOK_RAB_CONN_OUT_PS_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
CELL_ID		VARCHAR2(50)	[PMMOResult_Service_Level] WBTS & "/" & CELLID
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
WRIC6VJAFQ2AHDVUJ02UAUIBEV	M1001C448	NUMBER	[PMMOResult_Service_Level] M1001C448
WRIC6VLAFQ2AHDVUJ02UAUIBEV	M1001C449	NUMBER	[PMMOResult_Service_Level] M1001C449
WRIC6VNAFQ2AHDVUJ02UAUIBEV	M1001C450	NUMBER	[PMMOResult_Service_Level] M1001C450
WRIC6W2AFQ2AHDVUJ02UAUIBEV	M1001C457	NUMBER	[PMMOResult_Service_Level] M1001C457
WRIC6W4AFQ2AHDVUJ02UAUIBEV	M1001C458	NUMBER	[PMMOResult_Service_Level] M1001C458
WRIC6W6AFQ2AHDVUJ02UAUIBEV	M1001C459	NUMBER	[PMMOResult_Service_Level] M1001C459
WRIC6WBAFQ2AHDVUJ02UAUIBEV	M1001C460	NUMBER	[PMMOResult_Service_Level] M1001C460
WRIC6WDAFQ2AHDVUJ02UAUIBEV	M1001C461	NUMBER	[PMMOResult_Service_Level] M1001C461
WRIC6WFAFQ2AHDVUJ02UAUIBEV	M1001C462	NUMBER	[PMMOResult_Service_Level] M1001C462
WRIC6WHAFQ2AHDVUJ02UAUIBEV	M1001C463	NUMBER	[PMMOResult_Service_Level] M1001C463
WRIC6WJAFQ2AHDVUJ02	M1001C464	NUMBER	[PMMOResult_Service_Level]

UAUIBEV			M1001C464
WRIC6WLAFQ2AHDVUJ02 UAUIBEV	M1001C465	NUMBER	[PMMOResult_Service_Level] M1001C465

7.8.170NOK_RAB_HOLDING_TIMES_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
CELL_ID		VARCHAR2(50)	[PMMOResult_Service_Level] WBTS & "/" & CELLID
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
RGRRNCLAHL26SECCB00HW01QK4	M1001C368	FLOAT	[PMMOResult_Service_Level] M1001C368
RGSJIPDAHL26SECCB00HW01QK4	M1001C369	NUMBER	[PMMOResult_Service_Level] M1001C369
RGU3BPDAHL26SECCB00HW01QK4	M1001C370	FLOAT	[PMMOResult_Service_Level] M1001C370
RGUUSUDAHL26SECCB00HW01QK4	M1001C371	NUMBER	[PMMOResult_Service_Level] M1001C371
RGWHA2HAHL26SECCB00HW01QK4	M1001C372	FLOAT	[PMMOResult_Service_Level] M1001C372
RGXACA6AHL26SECCB00HW01QK4	M1001C373	NUMBER	[PMMOResult_Service_Level] M1001C373
WLIEKTFAFQ2AHDVUJ02UAUIBEV	M1001C366	NUMBER	[PMMOResult_Service_Level] M1001C366
WLIEKTHAFQ2AHDVUJ02 UAUIBEV	M1001C367	NUMBER	[PMMOResult_Service_Level] M1001C367
WRIC6Y0AFQ2AHDVUJ02UAUIBEV	M1001C489	NUMBER	[PMMOResult_Service_Level] M1001C489
WRIC6Y2AFQ2AHDVUJ02UAUIBEV	M1001C490	NUMBER	[PMMOResult_Service_Level] M1001C490

This edition applies to IBM® Tivoli® Netcool® Performance Manager for Wireless and to all subsequent releases and modifications until otherwise indicated in new editions.

WRIC6Y6AFQ2AHDVUJ02UAUIBEV	M1001C491	NUMBER	[PMMOResult_Service_Level] M1001C491
WRIC6YBAFQ2AHDVUJ02UAUIBEV	M1001C492	NUMBER	[PMMOResult_Service_Level] M1001C492
WRIC6YFAFQ2AHDVUJ02UAUIBEV	M1001C493	NUMBER	[PMMOResult_Service_Level] M1001C493
WRIC6YHAFQ2AHDVUJ02UAUIBEV	M1001C494	NUMBER	[PMMOResult_Service_Level] M1001C494
WRIC6YLAFQ2AHDVUJ02UAUIBEV	M1001C495	NUMBER	[PMMOResult_Service_Level] M1001C495
WRIC6YNAFQ2AHDVUJ02UAUIBEV	M1001C496	NUMBER	[PMMOResult_Service_Level] M1001C496
WRIC6YRAFQ2AHDVUJ02UAUIBEV	M1001C497	NUMBER	[PMMOResult_Service_Level] M1001C497
WRIC6YTAFQ2AHDVUJ02UAUIBEV	M1001C498	NUMBER	[PMMOResult_Service_Level] M1001C498
WRIC6YXAFQ2AHDVUJ02UAUIBEV	M1001C499	NUMBER	[PMMOResult_Service_Level] M1001C499
WRICA00AFQ2AHDVUJ02UAUIBEV	M1001C500	NUMBER	[PMMOResult_Service_Level] M1001C500
WRICA04AFQ2AHDVUJ02UAUIBEV	M1001C501	NUMBER	[PMMOResult_Service_Level] M1001C501
WRICA06AFQ2AHDVUJ02UAUIBEV	M1001C502	NUMBER	[PMMOResult_Service_Level] M1001C502
RG3EXNTAHL26SECCB00HW01QK4	M1001C199	NUMBER	[PMMOResult_Service_Level] M1001C199
RG43D3LAHL26SECCB00HW01QK4	DENOM_RAB_HLD_TM_CS_VOICE	NUMBER	[PMMOResult_Service_Level] M1001C200
RG4UYJ6AHL26SECCB00HW01QK4	M1001C201	NUMBER	[PMMOResult_Service_Level] M1001C201
RG5OFEHAHL26SECCB00HW01QK4	DENOM_RAB_HLD_TM_CS_CONV	NUMBER	[PMMOResult_Service_Level] M1001C202
RG6VWPPAHL26SECCB00HW01QK4	M1001C203	NUMBER	[PMMOResult_Service_Level] M1001C203
RGAYSJDAHL26SECCB00H	DENOM_RAB_HLD_	NUMBER	[PMMOResult_Service_Level]

W01QK4	TM_CS_STREA		M1001C204
RGBRK62AHL26SECCB00H W01QK4	M1001C205	NUMBER	[PMMOResult_Service_Level] M1001C205
RGCLIGLAHL26SECCB00H W01QK4	DENOM_RAB_HLD_ TM_PS_CONV	NUMBER	[PMMOResult_Service_Level] M1001C206
RGDCCBLAHL26SECCB00H W01QK4	M1001C207	NUMBER	[PMMOResult_Service_Level] M1001C207
RGE15LPAHL26SECCB00H W01QK4	DENOM_RAB_HLD_ TM_PS_STREA	NUMBER	[PMMOResult_Service_Level] M1001C208
RGESHF6AHL26SECCB00H W01QK4	M1001C209	NUMBER	[PMMOResult_Service_Level] M1001C209
RGFLOQ6AHL26SECCB00H W01QK4	DENOM_RAB_HLD_ TM_PS_INTER	NUMBER	[PMMOResult_Service_Level] M1001C210
RGGDAP2AHL26SECCB00H W01QK4	M1001C211	NUMBER	[PMMOResult_Service_Level] M1001C211
RGH1YVXAHL26SECCB00H W01QK4	DENOM_RAB_HLD_ TM_PS_BACKG	NUMBER	[PMMOResult_Service_Level] M1001C212
RGHSYCTAHL26SECCB00H W01QK4	M1001C213	NUMBER	[PMMOResult_Service_Level] M1001C213
RGIMH12AHL26SECCB00H W01QK4	DENOM_DCH_HLD_ TM_PS_INTER	NUMBER	[PMMOResult_Service_Level] M1001C214
RGJH5Y2AHL26SECCB00H W01QK4	M1001C215	NUMBER	[PMMOResult_Service_Level] M1001C215
RGKA1C2AHL26SECCB00H W01QK4	DENOM_DCH_HLD_ TM_PS_BACKG	NUMBER	[PMMOResult_Service_Level] M1001C216

7.8.171NOK_RAB_SETUP_ATTEMPTS_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
CELL_ID		VARCHAR2(50)	[PMMOResult_Service_Level] WBTS & "/" & CELLID

This edition applies to IBM® Tivoli® Netcool® Performance Manager for Wireless and to all subsequent releases and modifications until otherwise indicated in new editions.

TSTAMP		DATE	
INSTANCE_ID		NUMBER	
RIHOEEXAHL26SECCB00HW01QK4	M1001C263	NUMBER	[PMMOResult_Service_Level] M1001C263
RIIHDTHAHL26SECCB00HW01QK4	M1001C265	NUMBER	[PMMOResult_Service_Level] M1001C265
RIJE6R2AHL26SECCB00HW01QK4	M1001C267	NUMBER	[PMMOResult_Service_Level] M1001C267
RIK3DALAHL26SECCB00HW01QK4	M1001C269	NUMBER	[PMMOResult_Service_Level] M1001C269
RIL50C2AHL26SECCB00HW01QK4	M1001C271	NUMBER	[PMMOResult_Service_Level] M1001C271
RILY2HTAHL26SECCB00HW01QK4	RAB_SETUP_ATTEMPT_PS_NRT_64_64	NUMBER	[PMMOResult_Service_Level] M1001C273
RIMRV26AHL26SECCB00HW01QK4	M1001C274	NUMBER	[PMMOResult_Service_Level] M1001C274
RINKX36AHL26SECCB00HW01QK4	M1001C275	NUMBER	[PMMOResult_Service_Level] M1001C275
RIODNL6AHL26SECCB00HW01QK4	M1001C276	NUMBER	[PMMOResult_Service_Level] M1001C276
RIP3FOPAHL26SECCB00HW01QK4	M1001C374	NUMBER	[PMMOResult_Service_Level] M1001C374
RIPTXMXAHL26SECCB00HW01QK4	M1001C375	NUMBER	[PMMOResult_Service_Level] M1001C375
RIQLBYPAHL26SECCB00HW01QK4	M1001C376	NUMBER	[PMMOResult_Service_Level] M1001C376
RIRD5WTAHL26SECCB00HW01QK4	M1001C377	NUMBER	[PMMOResult_Service_Level] M1001C377
RIS2CTHAHL26SECCB00HW01QK4	M1001C378	NUMBER	[PMMOResult_Service_Level] M1001C378
WLIEKS2AFQ2AHDVUJ02UAUIBEV	M1001C261	NUMBER	[PMMOResult_Service_Level] M1001C261
UAQACT01IM2AHSXR0035XKCUAI	M1001C596	NUMBER	[PMMOResult_Service_Level] M1001C596
UAQACT61IM2AHSXR0035	M1001C599	NUMBER	[PMMOResult_Service_Level]

XKCUAI			M1001C599
RIASWR2AHL26SECCB00HW01QK4	M1001C66	NUMBER	[PMMOResult_Service_Level] M1001C66
RIBLJD2AHL26SECCB00HW01QK4	M1001C67	NUMBER	[PMMOResult_Service_Level] M1001C67
RICDJF6AHL26SECCB00HW01QK4	M1001C68	NUMBER	[PMMOResult_Service_Level] M1001C68
RID2QCPAHL26SECCB00HW01QK4	M1001C69	NUMBER	[PMMOResult_Service_Level] M1001C69
RIDUPPDAHL26SECCB00HW01QK4	M1001C70	NUMBER	[PMMOResult_Service_Level] M1001C70
RIEMLRDAHL26SECCB00HW01QK4	M1001C71	NUMBER	[PMMOResult_Service_Level] M1001C71
RIFEI32AHL26SECCB00HW01QK4	M1001C72	NUMBER	[PMMOResult_Service_Level] M1001C72

7.8.172NOK_RAB_SETUP_COMPLETE_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
CELL_ID		VARCHAR2(50)	[PMMOResult_Service_Level] WBTS & "/" & CELLID
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
RJ630MLAHL26SECCB00HW01QK4	M1001C409	NUMBER	[PMMOResult_Service_Level] M1001C409
RJ6UGSPAHL26SECCB00HW01QK4	M1001C410	NUMBER	[PMMOResult_Service_Level] M1001C410
RJAMDN2AHL26SECCB00HW01QK4	M1001C411	NUMBER	[PMMOResult_Service_Level] M1001C411
RJBETYHAHL26SECCB00HW01QK4	M1001C412	NUMBER	[PMMOResult_Service_Level] M1001C412

This edition applies to IBM® Tivoli® Netcool® Performance Manager for Wireless and to all subsequent releases and modifications until otherwise indicated in new editions.

UAQACTB1IM2AHSXR0035XKCUAI	M1001C600	NUMBER	[PMMOResult_Service_Level] M1001C600
RISSU5DAHL26SECCB00HW01QK4	M1001C73	NUMBER	[PMMOResult_Service_Level] M1001C73
RITL1BLAHL26SECCB00HW01QK4	M1001C74	NUMBER	[PMMOResult_Service_Level] M1001C74
RIUD4JLAHL26SECCB00HW01QK4	M1001C75	NUMBER	[PMMOResult_Service_Level] M1001C75
RIV1J16AHL26SECCB00HW01QK4	M1001C76	NUMBER	[PMMOResult_Service_Level] M1001C76
RIVSCVLAHL26SECCB00HW01QK4	M1001C77	NUMBER	[PMMOResult_Service_Level] M1001C77
RIWLDHPAHL26SECCB00HW01QK4	M1001C78	NUMBER	[PMMOResult_Service_Level] M1001C78
RIXE6APAHL26SECCB00HW01QK4	M1001C79	NUMBER	[PMMOResult_Service_Level] M1001C79

7.8.173NOK_RAB_SETUP_TIME_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
CELL_ID		VARCHAR2(50)	[PMMOResult_Service_Level] WBTS & "/" & CELLID
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
UAQACTH1IM2AHSXR0035XKCUAI	M1001C603	NUMBER	[PMMOResult_Service_Level] M1001C603
UAQACTJ1IM2AHSXR0035XKCUAI	M1001C604	NUMBER	[PMMOResult_Service_Level] M1001C604
UAQACTL1IM2AHSXR0035XKCUAI	M1001C605	NUMBER	[PMMOResult_Service_Level] M1001C605
UAQACTN1IM2AHSXR0035XKCUAI	M1001C606	NUMBER	[PMMOResult_Service_Level] M1001C606
UAQACTP1IM2AHSXR0035XKCUAI	M1001C607	NUMBER	[PMMOResult_Service_Level] M1001C607
UAQACTR1IM2AHSXR0035	M1001C608	NUMBER	[PMMOResult_Service_Level

XKCUAI			] M1001C608
UAQACTT1IM2AHSXR0035 XKCUAI	M1001C609	NUMBER	[PMMOResult_Service_Level] M1001C609
RKT1WVLAHL26SECCB00H W01QK4	AVE_SETUP_TIME_ FOR_RRC	NUMBER	[PMMOResult_Service_Level] M1001C221
RKTUQW2AHL26SECCB00H W01QK4	DENOM_RRC_SETU P_TM	NUMBER	[PMMOResult_Service_Level] M1001C222
RKUO4HXAHL26SECCB00H W01QK4	M1001C223	NUMBER	[PMMOResult_Service_Level] M1001C223
RKVH6IXAHL26SECCB00H W01QK4	DENOM_RAB_SETU P_TM_CS_VOICE	NUMBER	[PMMOResult_Service_Level] M1001C224
RKWDHXHAHL26SECCB00 HW01QK4	M1001C225	NUMBER	[PMMOResult_Service_Level] M1001C225
RKX1X22AHL26SECCB00H W01QK4	DENOM_RAB_SETU P_TM_CS_CONV	NUMBER	[PMMOResult_Service_Level] M1001C226
RKXVF52AHL26SECCB00H W01QK4	M1001C227	NUMBER	[PMMOResult_Service_Level] M1001C227
RKYO6WLAHL26SECCB00H W01QK4	DENOM_RAB_SETU P_TM_CS_STREA	NUMBER	[PMMOResult_Service_Level] M1001C228
RL0GMYDAHL26SECCB00H W01QK4	M1001C229	NUMBER	[PMMOResult_Service_Level] M1001C229
RL15ONPAHL26SECCB00H W01QK4	DENOM_RAB_SETU P_TM_PS_CONV	NUMBER	[PMMOResult_Service_Level] M1001C230
RL1YW1DAHL26SECCB00H W01QK4	M1001C231	NUMBER	[PMMOResult_Service_Level] M1001C231
RL2RPSXAHL26SECCB00H W01QK4	DENOM_RAB_SETU P_TM_PS_STREA	NUMBER	[PMMOResult_Service_Level] M1001C232
RL3QK6DAHL26SECCB00H W01QK4	M1001C233	NUMBER	[PMMOResult_Service_Level] M1001C233
RL4IMD2AHL26SECCB00H W01QK4	DENOM_RAB_SETU P_TM_PS_INTER	NUMBER	[PMMOResult_Service_Level] M1001C234

This edition applies to IBM® Tivoli® Netcool® Performance Manager for Wireless and to all subsequent releases and modifications until otherwise indicated in new editions.

RL56GJDAHL26SECCB00HW01QK4	M1001C235	NUMBER	[PMMOResult_Service_Level] M1001C235
RL6RTFTAHL26SECCB00HW01QK4	DENOM_RAB_SETUP_TM_PS_BACKG	NUMBER	[PMMOResult_Service_Level] M1001C236

7.8.174NOK_RADIO_BEARER_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
CELL_ID		VARCHAR2(50)	[PMMOResult_Cell_Resource] WBTS & "/" & CELLID
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
WLIEKRXAFQ2AHDVUJ02UAUIBEV	M1000C226	NUMBER	[PMMOResult_Cell_Resource] M1000C226
WLIEKS0AFQ2AHDVUJ02UAUIBEV	M1000C227	NUMBER	[PMMOResult_Cell_Resource] M1000C227

7.8.175NOK_RAN_ACC_SVS_LVL_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
CELL_ID		VARCHAR2(50)	[PMMOResult_Service_Level] WBTS & "/" & CELLID
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
YVPVM1PAHK26SECCB00HW01QK4	AMR_CSSR_PC	FLOAT	[PMMOResult_Service_Level] if ((M1001C22 + M1001C32 + M1001C40 - M1001C573 - M1001C578 - M1001C582 - M1001C562 - M1001C553 - M1001C558) * M1001C66) = 0 then 0 else (100 * (M1001C22 - M1001C23 + M1001C32 - M1001C33 + M1001C40 - M1001C41 - M1001C562 - M1001C553 - M1001C558) / ((M1001C22 + M1001C32 + M1001C40 - M1001C573 - M1001C578 -

			M1001C582 - M1001C562 - M1001C553 - M1001C558) * (M1001C115 / M1001C66)))
YVQEDATAHK26SECCB00HW01QK4	UDI_CSSR_PC	FLOAT	[PMMOResult_Service_Level] if ((M1001C22 + M1001C32 - M1001C573 - M1001C578 - M1001C553 - M1001C558) *M1001C67)=0 then 0 else 100 * (M1001C22 - M1001C23 + M1001C32 - M1001C33 - M1001C553 - M1001C558) / (M1001C22 + M1001C32 - M1001C573 - M1001C578 - M1001C553 - M1001C558) * (M1001C116 / M1001C67)
YVQT0QHAHK26SECCB00HW01QK4	STREAMING_CSSR_PC	FLOAT	[PMMOResult_Service_Level] if ((M1001C24 + M1001C34 - M1001C574 - M1001C579 - M1001C554 - M1001C559)*(M1001C68 + M1001C70))=0 then 0 else 100 * ((M1001C24 - M1001C25 + M1001C34 - M1001C35 - M1001C554 - M1001C559) / (M1001C24 + M1001C34 - M1001C574 - M1001C579 - M1001C554 - M1001C559)) * ((M1001C117 + M1001C119) / (M1001C68 + M1001C70))
YVRBSSLAHK26SECCB00HW01QK4	PACKET_CSSR_PC	FLOAT	[PMMOResult_Service_Level] if ((M1001C26 + M1001C28 + M1001C36 + M1001C38 - M1001C580 - M1001C575 - M1001C576 - M1001C581 - M1001C560 - M1001C556 - M1001C555 - M1001C561)*(M1001C71+

This edition applies to IBM® Tivoli® Netcool® Performance Manager for Wireless and to all subsequent releases and modifications until otherwise indicated in new editions.

			M1001C72))=0 then 0 else 100 * ((M1001C26 - M1001C27 + M1001C28 - M1001C29 + M1001C36 - M1001C37 + M1001C38 - M1001C39 - M1001C560 - M1001C556 - M1001C555 - M1001C561) / (M1001C26 + M1001C28 + M1001C36 + M1001C38 - M1001C580 - M1001C575 - M1001C576 - M1001C581 - M1001C560 - M1001C556 - M1001C555 - M1001C561)) * ((M1001C120 +M1001C121) / (M1001C71+ M1001C72))
YVTN53HAHK26SECCB00HW01QK4	PC_MRAB_SETACC_CMP_AMR_NRT	FLOAT	[PMMOResult_Service_Level] if (M1001C281 + M1001C282 + M1001C283 + M1001C284 + M1001C285 + M1001C286 + M1001C293 + M1001C294 + M1001C295 + M1001C296 + M1001C297 + M1001C298)=0 then 0 else 100 * (M1001C287 + M1001C288 + M1001C289 + M1001C290 + M1001C291 + M1001C292 + M1001C299 + M1001C300 + M1001C301 + M1001C302 + M1001C303 + M1001C304) / (M1001C281 + M1001C282 + M1001C283 + M1001C284 + M1001C285 + M1001C286 + M1001C293 + M1001C294 + M1001C295 + M1001C296 + M1001C297 + M1001C298)
YVU4LK6AHK26SECCB00HW01QK4	PC_MRAB_SETACC_CMP_RT_NRT	FLOAT	[PMMOResult_Service_Level] if (M1001C313 + M1001C314 + M1001C315 + M1001C316 + M1001C317 + M1001C318)=0 then 0 else 100 * (M1001C319 + M1001C320 + M1001C321 + M1001C322 + M1001C323 +

			M1001C324) / (M1001C313 + M1001C314 + M1001C315 + M1001C316 + M1001C317 + M1001C318)
YVUMFTPAHK26SECCB00HW01QK4	PC_MRAB_SETACC_CMP_GR_1NRT	FLOAT	[PMMOResult_Service_Level] if (M1001C305 + M1001C306 + M1001C307 + M1001C311)=0 then 0 else 100 * (M1001C308 + M1001C309 + M1001C310 + M1001C312) / (M1001C305 + M1001C306 + M1001C307 + M1001C311)

7.8.176NOK_RAN_ACC_TRAFF_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
CELL_ID		VARCHAR2(50)	[PMMOResult_Traffic] WBTS & "/" & CELLID
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
YWYI0R4DPV2AICSDJ02UAXYBDK	PC_HSDPA_RESACCRT	FLOAT	[PMMOResult_Traffic] if (M1002C569 + M1002C591 + M1002C577 + M1002C581 + M1002C582 + M1002C584 + M1002C585)=0 then 0 else 100 * (M1002C569 / (M1002C569 + M1002C591 + M1002C577 + M1002C581 + M1002C582 + M1002C584 + M1002C585))
YWYI0R6DPV2AICSDJ02UAXYBDK	PC_HSUPA_RESACCRT	FLOAT	[PMMOResult_Traffic] if (M1002C607 + M1002C599 + M1002C600 + M1002C601 + M1002C603 + M1002C604 + M1002C605 +

			M1002C606)=0 then 0 else 100 * (M1002C607 / (M1002C607 + M1002C599 + M1002C600 + M1002C601 + M1002C603 + M1002C604 + M1002C605 + M1002C606))
VR2T6EREAW2AICSEB035XJHBAX	PC_HSUPA_RESACNRT	FLOAT	[PMMOResult_Traffic] if (M1002C531 + M1002C532 + M1002C520 + M1002C519 + M1002C516 + M1002C515 + M1002C517 + M1002C518+ M1002C526 + M1002C525 + M1002C530 + M1002C529 + M1002C528 + M1002C527 + M1002C524 + M1002C523)=0 then 0 else 100 * ((M1002C531 + M1002C532) / (M1002C531 + M1002C532 + M1002C520 + M1002C519 + M1002C516 + M1002C515 + M1002C517 + M1002C518+ M1002C526 + M1002C525 + M1002C530 + M1002C529 + M1002C528 + M1002C527 + M1002C524 + M1002C523))
YVVYTJHAHK26SECCB00HW01QK4	PC_HSD_ACC_NRT_TRAF	FLOAT	[PMMOResult_Traffic] if (M1002C385 + M1002C389 + M1002C401 + M1002C402 + M1002C413 + M1002C416 + M1002C417 + M1002C421 + M1002C424 + M1002C425)=0 then 0 else (M1002C385 + M1002C389) / (M1002C385 + M1002C389 + M1002C401 + M1002C402 + M1002C413 + M1002C416 + M1002C417 + M1002C421 + M1002C424 + M1002C425) * 100
YVWHMRTAHK26SECCB00HW01QK4	PC_HSD_ACC_NRT_TRAF_USR	FLOAT	[PMMOResult_Traffic] if (M1002C385 + M1002C389 + M1002C401 + M1002C402 + M1002C413 + M1002C415 +

			M1002C416 + M1002C417 + M1002C421 + M1002C423 + M1002C424 + M1002C425)=0 then 0 else (M1002C385 + M1002C389) / (M1002C385 + M1002C389 + M1002C401 + M1002C402 + M1002C413 + M1002C415 + M1002C416 + M1002C417 + M1002C421 + M1002C423 + M1002C424 + M1002C425) * 100

7.8.177NOK_RAN_MOB_ITERRAT_HO_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
CELL_ID		VARCHAR2(50)	[PMMOResult_Inter_System_Handover] WBTS & "/" & CELLID
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
SKEGINXAG32AHDVUJ02UAUIBEV	PC_INTER_SYSTEM_HARD_HO_SUCC	FLOAT	[PMMOResult_Inter_System_Handover] if (M1010C18 + M1010C22 + M1010C26 + M1010C30 + M1010C34 + M1010C56 + M1010C60 + M1010C64 + M1010C68 + M1010C72 + M1010C76 + M1010C83 + M1010C97 + M1010C145 + M1010C144 + M1010C142 + M1010C137 + M1010C143 + M1010C138 + M1010C147 + M1010C140 + M1010C146 + M1010C139 + M1010C148 + M1010C141)=0 then 0 else 100 * (M1010C19 + M1010C23 +M1010C27 +

			M1010C31+ M1010C35 + M1010C57 + M1010C61 + M1010C65 + M1010C69 + M1010C73 + M1010C77 + M1010C84 + M1010C98 + M1010C157 + M1010C156 + M1010C154 + M1010C149 + M1010C155 + M1010C150 + M1010C159 + M1010C152 + M1010C158 + M1010C151 + M1010C160 + M1010C153) / (M1010C18 + M1010C22 + M1010C26 + M1010C30 + M1010C34 + M1010C56 + M1010C60 + M1010C64 + M1010C68 + M1010C72 + M1010C76 + M1010C83 + M1010C97 + M1010C145 + M1010C144 + M1010C142 + M1010C137 + M1010C143 + M1010C138 + M1010C147 + M1010C140 + M1010C146 + M1010C139 + M1010C148 + M1010C141)
YVXF2HHAHK26SECCB00HW01QK4	PC_INTRA_SYS_HHO_SUCC	FLOAT	[PMMOResult_Inter_System_Handover] if (M1010C18 + M1010C22 + M1010C26 + M1010C30 + M1010C34 + M1010C56 + M1010C60 + M1010C64 + M1010C68 + M1010C72)=0 then 0 else 100 * (M1010C19 + M1010C23 + M1010C27 + M1010C31 + M1010C35 + M1010C57 + M1010C61 + M1010C65 + M1010C69 + M1010C73) / (M1010C18 + M1010C22 + M1010C26 + M1010C30 + M1010C34 + M1010C56 + M1010C60 + M1010C64 + M1010C68 + M1010C72)

7.8.178NOK_RAN_MOB_ITRARAT_HO_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
CELL_ID		VARCHAR2(50)	[PMMOResult_Intra_System_Handover] WBTS & "/" & CELLID
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
SKEGIN2AG32AHDVUJ02UAUIBEV	PC_HSDPA_SERV_CELL_CHNGE_SUCC	FLOAT	[PMMOResult_Intra_System_Handover] if (M1008C213 + M1008C214 + M1008C215 + M1008C216)=0 then 0 else 100 * (M1008C222 + M1008C223) / (M1008C213 + M1008C214 + M1008C215 + M1008C216)
YVXTRYXAHK26SECCB00HW01QK4	PC_INTER_SYS_HHO_SUCC	FLOAT	[PMMOResult_Intra_System_Handover] if (M1008C4 + M1008C5 + M1008C13 + M1008C14 + M1008C54 + M1008C58 + M1008C62 + M1008C102 + M1008C106 + M1008C110)=0 then 0 else 100 * (M1008C6 + M1008C15 + M1008C55 + M1008C59 + M1008C63 + M1008C103 + M1008C107 + M1008C111) / (M1008C4 + M1008C5 + M1008C13 + M1008C14 + M1008C54 + M1008C58 + M1008C62 + M1008C102 + M1008C106 + M1008C110)

7.8.179NOK_RAN_RETAIN_SVC_LVL_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
CELL_ID		VARCHA	[PMMOResult_Service_Level

		R2(50)	] WBTS & "/" & CELLID
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
SKEGIMXAG32AHDVUJ02UAUIBEV	PC_RAB_SUCC_RAT_NRT_SERV_USR	FLOAT	[PMMOResult_Service_Level] if (M1001C141 + M1001C142 + M1001C171 + M1001C172 + M1001C185 + M1001C186 + M1001C187 + M1001C188 + M1001C190 + M1001C191 + M1001C192 + M1001C193 + M1001C194 + M1001C196 + M1001C398 + M1001C397)=0 then 0 else 100 - (100 * (M1001C185 + M1001C186 + M1001C187 + M1001C188 + M1001C190 + M1001C191 + M1001C192 + M1001C193 + M1001C194 + M1001C196 + M1001C398 + M1001C397 - M1001C594 - M1001C593) / (M1001C141 + M1001C142 + M1001C171 + M1001C172 + M1001C185 + M1001C186 + M1001C187 + M1001C188 + M1001C190 + M1001C191 + M1001C192 + M1001C193 + M1001C194 + M1001C196 + M1001C398 + M1001C397))
SKEGINDAG32AHDVUJ02UAUIBEV	PC_RRC_SUCCESS_RATIO_NET	FLOAT	[PMMOResult_Service_Level] if (M1001C12 + M1001C13+ M1001C14 + M1001C15 + M1001C16 + M1001C17 +M1001C18 + M1001C21 + M1001C391)=0 then 0 else 100 - (100 * (M1001C15 + M1001C16 + M1001C17 + M1001C18 + M1001C21) / (M1001C12 + M1001C13+ M1001C14 + M1001C15 + M1001C16 + M1001C17 +M1001C18 + M1001C21 + M1001C391))

SKEGINFAG32AHDVUJ02UAUIBEV	PC_RRC_SUCCESS_RATIO_USR	FLOAT	[PMMOResult_Service_Level] if (M1001C12 + M1001C13 + M1001C14 + M1001C15 + M1001C16 + M1001C17 + M1001C18 + M1001C21 + M1001C391)=0 then 0 else 100 - (100 * (M1001C14 + M1001C15 + M1001C16 + M1001C17 + M1001C18 + M1001C21 + M1001C391) / (M1001C12 + M1001C13 + M1001C14 + M1001C15 + M1001C16 + M1001C17 + M1001C18 + M1001C21 + M1001C391))
SKEGINHAG32AHDVUJ02UAUIBEV	PC_RAB_SUCCESS_AMR_VOICE_NET	FLOAT	[PMMOResult_Service_Level] if (M1001C136 + M1001C143 + M1001C144 + M1001C145 + M1001C146 + M1001C147 + M1001C148 + M1001C150 + M1001C392)=0 then 0 else 100 - (100 * (M1001C145 + M1001C146 + M1001C147+ M1001C148 + M1001C150) / (M1001C136 + M1001C143 + M1001C144 + M1001C145 + M1001C146 + M1001C147 + M1001C148 + M1001C150 + M1001C392))
SKEGINJAG32AHDVUJ02UAUIBEV	PC_RAB_SUCCESS_AMR_VOICE_USR	FLOAT	[PMMOResult_Service_Level] if (M1001C136 + M1001C143 + M1001C144 + M1001C145 + M1001C146 + M1001C147 + M1001C148 + M1001C150 + M1001C392)=0 then 0 else 100 - (100 * (M1001C144 + M1001C145 + M1001C146 + M1001C147 + M1001C148 +

This edition applies to IBM® Tivoli® Netcool® Performance Manager for Wireless and to all subsequent releases and modifications until otherwise indicated in new editions.

			M1001C150 + M1001C392) / (M1001C136 + M1001C143 + M1001C144 + M1001C145 + M1001C146 + M1001C147 + M1001C148 + M1001C150 + M1001C392))
SKEGINLAG32AHDVUJ02UAUIBEV	PC_RAB_SUC_RT_SER_EX_VOICE_NET	FLOAT	[PMMOResult_Service_Level] if (M1001C137 + M1001C138 + M1001C140 + M1001C152 + M1001C151 + M1001C154 + M1001C153 + M1001C170 + M1001C169 + M1001C155 + M1001C156 + M1001C157+ M1001C158 + M1001C160 + M1001C161 + M1001C162 + M1001C163 + M1001C164 + M1001C166 + M1001C179 + M1001C180 + M1001C181 + M1001C182 + M1001C184 + M1001C393 + M1001C394 + M1001C396)=0 then 0 else 100 - (100 * (M1001C155 + M1001C156 + M1001C157 + M1001C158 + M1001C160 + M1001C161 + M1001C162 + M1001C163 + M1001C164 + M1001C166 +M1001C179 + M1001C180 + M1001C181 + M1001C182 + M1001C184) / (M1001C137 + M1001C138 + M1001C140 + M1001C152 + M1001C151 + M1001C154 + M1001C153 + M1001C170 + M1001C169 + M1001C155 + M1001C156 + M1001C157+ M1001C158 + M1001C160 + M1001C161 + M1001C162 + M1001C163 + M1001C164 + M1001C166 + M1001C179 + M1001C180 + M1001C181 + M1001C182 + M1001C184 + M1001C393 + M1001C394 + M1001C396))
SKEGINNAG32AHDVUJ02U	PC_RAB_SUC_RT_SE	FLOAT	[PMMOResult_Service_Level

AUIBEV	R_EX_VOICE_USR		] if (M1001C137 + M1001C138 + M1001C140 + M1001C152 + M1001C151 + M1001C154 + M1001C153 + M1001C170 + M1001C169 + M1001C155 + M1001C156 + M1001C157 + M1001C158 + M1001C160 + M1001C161 + M1001C162 + M1001C163 + M1001C164 + M1001C166 + M1001C179 + M1001C180 + M1001C181 + M1001C182 + M1001C184 + M1001C393 + M1001C394 + M1001C396) =0 then 0 else 100 - (100 * (M1001C152 + M1001C154 + M1001C170+ M1001C155 + M1001C156 + M1001C157 + M1001C158 + M1001C160 + M1001C161 + M1001C162 + M1001C163 + M1001C164 + M1001C166 + M1001C179 + M1001C180 + M1001C181 + M1001C182 + M1001C184 + M1001C393 + M1001C394 + M1001C396) / (M1001C137 + M1001C138 + M1001C140 + M1001C152 + M1001C151 + M1001C154 + M1001C153 + M1001C170 + M1001C169 + M1001C155 + M1001C156 + M1001C157 + M1001C158 + M1001C160 + M1001C161 + M1001C162 + M1001C163 + M1001C164 + M1001C166 + M1001C179 + M1001C180 + M1001C181 + M1001C182 + M1001C184 + M1001C393 + M1001C394 + M1001C396))

This edition applies to IBM® Tivoli® Netcool® Performance Manager for Wireless and to all subsequent releases and modifications until otherwise indicated in new editions.

SKEGINPAG32AHDVUJ02UAUIBEV	PC_RAB_SUC_NRT_SER_NET	FLOAT	[PMMOResult_Service_Level] if (M1001C141 + M1001C142 + M1001C171 + M1001C172 + M1001C185 + M1001C186 + M1001C187 + M1001C188 + M1001C190 + M1001C191 + M1001C192 + M1001C193 + M1001C194 + M1001C396 + M1001C398 + M1001C397)=0 then 0 else 100 - (100 * (M1001C185 + M1001C186 + M1001C187+ M1001C188 + M1001C190 + M1001C191 + M1001C192 +M1001C193 + M1001C194 + M1001C196) / (M1001C141 + M1001C142 + M1001C171 + M1001C172 + M1001C185 + M1001C186 + M1001C187 + M1001C188 + M1001C190 + M1001C191 + M1001C192 + M1001C193 + M1001C194 + M1001C396 + M1001C398 + M1001C397))
SKEGINRAG32AHDVUJ02UAUIBEV	PC_MRAB_SUCC_AMR_NRT_NETWORK	FLOAT	[PMMOResult_Service_Level] if (M1001C341 + M1001C342 + M1001C442 + M1001C343 + M1001C344 + M1001C345 + M1001C346 + M1001C503 + M1001C504 + M1001C505 + M1001C506 + M1001C507 + M1001C508 + M1001C509 + M1001C510 + M1001C511 + M1001C512 + M1001C513 + M1001C514 + M1001C515 + M1001C516)=0 then 0 else 100 - (100 * (M1001C503 + M1001C504 + M1001C505 + M1001C506 + M1001C507 + M1001C508 + M1001C509 + M1001C510 + M1001C511 + M1001C512 + M1001C513 + M1001C514 + M1001C515 +

			M1001C516) / (M1001C341 + M1001C342 + M1001C442 + M1001C343 + M1001C344 + M1001C345 + M1001C346 + M1001C503 + M1001C504 + M1001C505 + M1001C506 + M1001C507 + M1001C508 + M1001C509 + M1001C510 + M1001C511 + M1001C512 + M1001C513 + M1001C514 + M1001C515 + M1001C516))
SKEGINTAG32AHDVUJ02UAUIBEV	PC_MRAB_SUCC_RT_NRT_NETWORK	FLOAT	[PMMOResult_Service_Level] if (M1001C357 + M1001C358 + M1001C359 + M1001C360 + M1001C361 + M1001C362 + M1001C363 + M1001C364 + M1001C365 + M1001C517 + M1001C518 + M1001C519 + M1001C520 + M1001C521 + M1001C522 + M1001C523 + M1001C524 + M1001C525)=0 then 0 else 100 - (100 * (M1001C517 + M1001C518 + M1001C519 + M1001C520 + M1001C521 + M1001C522 + M1001C523 + M1001C524 + M1001C525) / (M1001C357 + M1001C358 + M1001C359 + M1001C360 + M1001C361 + M1001C362 + M1001C363 + M1001C364 + M1001C365 + M1001C517 + M1001C518 + M1001C519 + M1001C520 + M1001C521 + M1001C522 + M1001C523 + M1001C524 + M1001C525))
SKEGINVAG32AHDVUJ02UAUIBEV	PC_MRAB_SUCC_GR_1NRT_NETWORK	FLOAT	[PMMOResult_Service_Level] if (M1001C353 +

This edition applies to IBM® Tivoli® Netcool® Performance Manager for Wireless and to all subsequent releases and modifications until otherwise indicated in new editions.

			M1001C354 + M1001C355 + M1001C356 + M1001C526 + M1001C527 + M1001C528 + M1001C529)=0 then 0 else 100 - (100 * (M1001C526 + M1001C527 + M1001C528 + M1001C529) / (M1001C353 + M1001C354 + M1001C355 + M1001C356 + M1001C526 + M1001C527 + M1001C528 + M1001C529))
YW0BUJDAHK26SECCB00HW01QK4	UDI_CALL_DROP_RATIO_PC	FLOAT	[PMMOResult_Service_Level] if (M1001C137 + M1001C152 + M1001C151 + M1001C155 + M1001C156 + M1001C157 + M1001C158 + M1001C160 + M1001C393)=0 then 0 else 100 * (M1001C155 + M1001C156 + M1001C157 + M1001C158 + M1001C160) / (M1001C137 + M1001C152 + M1001C151 + M1001C155 + M1001C156 + M1001C157 + M1001C158 + M1001C160 + M1001C393)
YW0QNU6AHK26SECCB00HW01QK4	STREAMING_CALL_DROP_RATIO_PC	FLOAT	[PMMOResult_Service_Level] if (M1001C138 + M1001C140 + M1001C154 + M1001C153 + M1001C170 + M1001C169 + M1001C161 + M1001C162 + M1001C163 + M1001C164 + M1001C166 + M1001C179 + M1001C180 + M1001C181 + M1001C182 + M1001C184 + M1001C394 + M1001C396)=0 then 0 else 100 * ((M1001C161 + M1001C162 + M1001C163 + M1001C164 + M1001C166 + M1001C179 + M1001C180 + M1001C181 + M1001C182 + M1001C184) / (M1001C138 + M1001C140 + M1001C154 + M1001C153 + M1001C170 +

			M1001C169 + M1001C161 + M1001C162 + M1001C163 + M1001C164 + M1001C166 + M1001C179 + M1001C180 + M1001C181 + M1001C182 + M1001C184 + M1001C394 + M1001C396))
YW16G2HAHK26SECCB00HW01QK4	RRC_DROP_RATIO_PC	FLOAT	[PMMOResult_Service_Level] if (M1001C12 + M1001C13 + M1001C14 + M1001C15 + M1001C16 + M1001C17 + M1001C18 + M1001C21 + M1001C391)=0 then 0 else 100 * ((M1001C14 + M1001C15 + M1001C16 + M1001C17 + M1001C18 + M1001C21 + M1001C391) / (M1001C12 + M1001C13 + M1001C14 + M1001C15 + M1001C16 + M1001C17 + M1001C18 + M1001C21 + M1001C391))
YW1O5VHAHK26SECCB00HW01QK4	PC_RAB_DROP_AMR_V_NTWK	FLOAT	[PMMOResult_Service_Level] if (M1001C136 + M1001C143 + M1001C144 + M1001C145 + M1001C146 + M1001C147 + M1001C148 + M1001C150 + M1001C392)=0 then 0 else 100 * ((M1001C145 + M1001C146 + M1001C147 + M1001C148 + M1001C150) / (M1001C136 + M1001C143 + M1001C144 + M1001C145 + M1001C146 + M1001C147 + M1001C148 + M1001C150 + M1001C392))
YW240F6AHK26SECCB00HW01QK4	PC_RAB_DROP_AMR_V_USR	FLOAT	[PMMOResult_Service_Level] if (M1001C136 +

This edition applies to IBM® Tivoli® Netcool® Performance Manager for Wireless and to all subsequent releases and modifications until otherwise indicated in new editions.

			M1001C143 + M1001C144 + M1001C145 + M1001C146 + M1001C147 + M1001C148 + M1001C150 + M1001C392)=0 then 0 else 100 * ((M1001C144 + M1001C145 + M1001C146 + M1001C147 + M1001C148 + M1001C150 + M1001C392)) / ((M1001C136 + M1001C143 + M1001C144 + M1001C145 + M1001C146 + M1001C147 + M1001C148 + M1001C150 + M1001C392))
YW2MKPLAHK26SECCB00HW01QK4	PC_RAB_DROP_RT_SVC_X_V_NTWK	FLOAT	[PMMOResult_Service_Level] if (M1001C137 + M1001C138 + M1001C140 + M1001C152 + M1001C151 + M1001C154 + M1001C153 + M1001C170 + M1001C169 + M1001C155 + M1001C156 + M1001C157 + M1001C158 + M1001C160 + M1001C161 + M1001C162 + M1001C163 + M1001C164 + M1001C166 + M1001C179 + M1001C180 + M1001C181 + M1001C182 + M1001C184 + M1001C393 + M1001C394 + M1001C396)=0 then 0 else 100 * ((M1001C155 + M1001C156 + M1001C157 + M1001C158 + M1001C160 + M1001C161 + M1001C162 + M1001C163 + M1001C164 + M1001C166 + M1001C179 + M1001C180 + M1001C181 + M1001C182 + M1001C184) / (M1001C137 + M1001C138 + M1001C140 + M1001C152 + M1001C151 + M1001C154 + M1001C153 + M1001C170 + M1001C169 + M1001C155 + M1001C156 + M1001C157 + M1001C158 + M1001C160

			+ M1001C161 + M1001C162 + M1001C163 + M1001C164 + M1001C166 + M1001C179 + M1001C180 + M1001C181 + M1001C182 + M1001C184 + M1001C393 + M1001C394 + M1001C396))
YW32GYTAHK26SECCB00HW01QK4	PC_RAB_DROP_RT_SVC_XL_V_USR	FLOAT	[PMMOResult_Service_Level] if (M1001C137 + M1001C138 + M1001C140 + M1001C152 + M1001C151 + M1001C154 + M1001C153 + M1001C170 + M1001C169 + M1001C155 + M1001C156 + M1001C157 + M1001C158 + M1001C160 + M1001C161 + M1001C162 + M1001C163 + M1001C164 + M1001C166 + M1001C179 + M1001C180 + M1001C181 + M1001C182 + M1001C184+ M1001C393+ M1001C394+ M1001C396)=0 then 0 else 100 * ((M1001C152 + M1001C154 + M1001C170 + M1001C155 + M1001C156 + M1001C157 + M1001C158 + M1001C160 + M1001C161 + M1001C162 + M1001C163 + M1001C164 + M1001C166 + M1001C179 + M1001C180 + M1001C181 + M1001C182 + M1001C184 + M1001C393+ M1001C394+ M1001C396) / (M1001C137 + M1001C138 + M1001C140 + M1001C152 + M1001C151 + M1001C154 + M1001C153 + M1001C170 + M1001C169 + M1001C155 + M1001C156 + M1001C157 + M1001C158 +

This edition applies to IBM® Tivoli® Netcool® Performance Manager for Wireless and to all subsequent releases and modifications until otherwise indicated in new editions.

			M1001C160 + M1001C161 + M1001C162 + M1001C163 + M1001C164 + M1001C166 + M1001C179 + M1001C180 + M1001C181 + M1001C182 + M1001C184+ M1001C393+ M1001C394+ M1001C396))
YW3KAX2AHK26SECCB00HW01QK4	PC_RAB_DROP_NRT_SVC_NTWK	FLOAT	[PMMOResult_Service_Level] if (M1001C141 + M1001C142 + M1001C171 + M1001C172 + M1001C185 + M1001C186 + M1001C187 + M1001C188 + M1001C190 + M1001C191 + M1001C192 + M1001C193 + M1001C194 + M1001C196 + M1001C398 + M1001C397)=0 then 0 else 100 * ((M1001C185 + M1001C186 + M1001C187 + M1001C188 + M1001C190 + M1001C191 + M1001C192 + M1001C193 + M1001C194 + M1001C196) / (M1001C141 + M1001C142 + M1001C171 + M1001C172 + M1001C185 + M1001C186 + M1001C187 + M1001C188 + M1001C190 + M1001C191 + M1001C192 + M1001C193 + M1001C194 + M1001C196 + M1001C398 + M1001C397))
YW40QPHAHK26SECCB00HW01QK4	PC_MRAB_DROP_AMR_NRT_NTWK	FLOAT	[PMMOResult_Service_Level] if (M1001C287 + M1001C288 + M1001C289 + M1001C290 + M1001C291 + M1001C292 + M1001C299 + M1001C300 + M1001C301 + M1001C302 + M1001C303 + M1001C304)=0 then 0 else 100 - (100 * (M1001C341 + M1001C342 + M1001C343 + M1001C344 + M1001C345 + M1001C346 + M1001C347 + M1001C348 + M1001C349 + M1001C350 + M1001C351 +

			M1001C352) / (M1001C287 + M1001C288 + M1001C289 + M1001C290 + M1001C291 + M1001C292 + M1001C299 + M1001C300 + M1001C301 + M1001C302 + M1001C303 + M1001C304))
YW4IMTPAHK26SECCB00HW01QK4	PC_MRAB_DROP_RT_NRT_NTWK	FLOAT	[PMMOResult_Service_Level] if (M1001C319 + M1001C320 + M1001C321 +M1001C322 + M1001C323 + M1001C324 + M1001C328 +M1001C329 + M1001C330)=0 then 0 else 100 - (100 * (M1001C357 + M1001C358 + M1001C359 + M1001C360 + M1001C361 + M1001C362 + M1001C363 + M1001C364 + M1001C365) / (M1001C319 + M1001C320 + M1001C321 +M1001C322 + M1001C323 + M1001C324 + M1001C328 +M1001C329 + M1001C330))
YW544EHAHK26SECCB00HW01QK4	PC_MRAB_DROP_GR_1NRT_NTWK	FLOAT	[PMMOResult_Service_Level] if (M1001C308 + M1001C309 + M1001C310 + M1001C312)=0 then 0 else 100 - (100 * (M1001C353 + M1001C354 + M1001C355 + M1001C356) / (M1001C308 + M1001C309 + M1001C310 + M1001C312))

7.8.180NOK_RAN_USE_CELL_USE_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
CELL_ID		VARCHA	[PMMOResult_Service_Level]

This edition applies to IBM® Tivoli® Netcool® Performance Manager for Wireless and to all subsequent releases and modifications until otherwise indicated in new editions.

		R2(50)	WBTS & "/" & CELLID
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
YWB045XAHK26SECCB00HW01QK4	CS_ERLANG	FLOAT	[PMMOResult_Service_Level] if interval = 0 then 0 else (M1001C199+ ((M1001C368*64)/12.2)+ ((M1001C370*14.4)/12.2)+ ((M1001C372*57.6)/12.2))/ (100*60*interval)

7.8.181NOK_RAN_USE_RCPM_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
CELL_ID		VARCHAR2(50)	[PMMOResult_RCPM_RLC] WBTS & "/" & CELLID
RADIO_CONNECTION_TYPE_ID		VARCHAR2(100)	[PMMOResult_RCPM_RLC] TR_CLASS & ":" & RAB_BR & ":" & RB_BR & ":" & BER_SDU
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
YWBIWK6AHK26SECCB00HW01QK4	AVERAGE_NET_THROUGHPUT	FLOAT	[PMMOResult_RCPM_RLC] if interval = 0 then 0 else (M1017C15*M1017C29)/ (interval*60)

7.8.182NOK_RAN_USE_TRAF_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
CELL_ID		VARCHAR2(50)	[PMMOResult_Traffic] WBTS & "/" & CELLID
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
YWCWOTPAHK26SECCB00HW01QK4	AVG_ALC_ULK_DCHCAP_CS_V_CRNC	FLOAT	[PMMOResult_Traffic] if (interval * 60 * 100) = 0 then 0 else (((4.75 * M1002C34) +

			(4.75 * M1002C270) + (5.15 * M1002C35) + (5.15 * M1002C271) + (5.9 * M1002C36) + (5.9 * M1002C272) + (6.7 * M1002C37) + (6.7 * M1002C273) + (7.4 * M1002C38) + (7.4 * M1002C274) + (7.95 * M1002C39) + (7.95 * M1002C275) + (10.2 * M1002C40) + (10.2 * M1002C276) + (12.2 * M1002C41) + (12.2 * M1002C277)) / (interval * 60 * 100))
YWDG5A6AHK26SECCB00HW01QK4	AVG_ALC_ULK_DCHCAP_DAT_CRNC	FLOAT	[PMMOResult_Traffic] if ((interval*60) * 100) = 0 then 0 else (((64*M1002C177) + (57.6*M1002C78) +(128*M1002C210) + (384*M1002C213) + (128*M1002C226) + (384*M1002C229) + (64*M1002C322) + (57.6*M1002C321) + (128*M1002C323) + (384*M1002C326) + (8*M1002C206) + (8*M1002C222) + (16*M1002C207) + (16*M1002C223) + (32*M1002C208) + (32*M1002C224) + (64*M1002C209) + (64*M1002C225) + (8*M1002C315) + (16*M1002C317) + (32*M1002C319) + (14.4*M1002C76) +

This edition applies to IBM® Tivoli® Netcool® Performance Manager for Wireless and to all subsequent releases and modifications until otherwise indicated in new editions.

			(256*M1002C211) + (256*M1002C227) + (14.4*M1002C316) + (256*M1002C324)) / ((interval*60) * 100))
YWDVSSXAHK26SECCB00HW01QK4	AVG_ALC_DLK_DCHCAP_DAT_CRNC	FLOAT	[PMMOResult_Traffic] if interval=0 then 0 else ((((64*M1002C69)/2) + (57.6*M1002C81) + (128*M1002C218) + (384*M1002C221) + (128*M1002C234) + (384*M1002C237) + (64*M1002C334) + (57.6*M1002C333) + (128*M1002C335) + (384*M1002C338) + (8*M1002C214) + (8*M1002C230) + (16* M1002C215) + (16*M1002C231) + (32*M1002C216) + (32*M1002C232) + (8*M1002C327) + (16*M1002C329) + (32*M1002C331) + (14.4*M1002C79) + (14.4*M1002C328) + (256*M1002C219) + (256*M1002C235) + (256*M1002C336)) / (interval * 60 * 100))
YWEF3CPAHK26SECCB00HW01QK4	AVG_ALC_DLK_DCHCAP_CS_CRNC	FLOAT	[PMMOResult_Traffic] if ((interval*60) * 100) = 0 then 0 else ((4.75 * M1002C42) + (4.75 * M1002C278) + (5.15 * M1002C43) + (5.15 * M1002C279) + (5.9 * M1002C44) + (5.9 * M1002C280) + (6.7 * M1002C45) + (6.7 * M1002C281) + (7.4 * M1002C46) + (7.4 * M1002C282) + (7.95 * M1002C47) +(7.95 *

			M1002C283) + (10.2 * M1002C48) + (10.2 * M1002C284) + (12.2 * M1002C49) + (12.2 * M1002C285)) / (interval * 60 *100)

7.8.183NOK_RRC_CONNS_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
CELL_ID		VARCHAR2(50)	[PMMOResult_Service_Level] WBTS & "/" & CELLID
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
WRIC6VBAFQ2AHDVUJ02UAUIBEV	M1001C443	NUMBER	[PMMOResult_Service_Level] M1001C443
WRIC6WNAFQ2AHDVUJ02UAUIBEV	M1001C466	NUMBER	[PMMOResult_Service_Level] M1001C466

7.8.184NOK_SOFT_HANDOVER_NRT_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
CELL_ID		VARCHAR2(50)	[PMMOResult_Soft_Handover] WBTS & "/" & CELLID
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
RUMAPKPAHL26SECCB00HW01QK4	M1007C37	NUMBER	[PMMOResult_Soft_Handover] M1007C37
UAQAD4J1IM2AHSXR0035XKCUAI	M1007C63	NUMBER	[PMMOResult_Soft_Handover] M1007C63
UAQAD4L1IM2AHSXR0035XKCUAI	M1007C64	NUMBER	[PMMOResult_Soft_Handover] M1007C64

This edition applies to IBM® Tivoli® Netcool® Performance Manager for Wireless and to all subsequent releases and modifications until otherwise indicated in new editions.

UAQAD4N1IM2AHSXR0035XKCUAI	M1007C65	NUMBER	[PMMOResult_Soft_Handover] M1007C65
RU4MYPDAHL26SECCB00HW01QK4	M1007C19	NUMBER	[PMMOResult_Soft_Handover] M1007C19
RU5HKAXAHL26SECCB00HW01QK4	M1007C20	NUMBER	[PMMOResult_Soft_Handover] M1007C20
RU6CUAHAHL26SECCB00HW01QK4	M1007C21	NUMBER	[PMMOResult_Soft_Handover] M1007C21
RUA5M06AHL26SECCB00HW01QK4	M1007C22	NUMBER	[PMMOResult_Soft_Handover] M1007C22
RUB16PDAHL26SECCB00HW01QK4	M1007C23	NUMBER	[PMMOResult_Soft_Handover] M1007C23
RUBVFR6AHL26SECCB00HW01QK4	M1007C24	NUMBER	[PMMOResult_Soft_Handover] M1007C24
RUCRKJLAHL26SECCB00HW01QK4	M1007C25	NUMBER	[PMMOResult_Soft_Handover] M1007C25
RUDMWN6AHL26SECCB00HW01QK4	M1007C26	NUMBER	[PMMOResult_Soft_Handover] M1007C26
RUEIXBPAHL26SECCB00HW01QK4	M1007C27	NUMBER	[PMMOResult_Soft_Handover] M1007C27
RUFEDVLAHL26SECCB00HW01QK4	M1007C28	NUMBER	[PMMOResult_Soft_Handover] M1007C28
RUG5LKDAHL26SECCB00HW01QK4	M1007C29	NUMBER	[PMMOResult_Soft_Handover] M1007C29
RUH1FVLAHL26SECCB00HW01QK4	M1007C30	NUMBER	[PMMOResult_Soft_Handover] M1007C30
RUHUV3TAHL26SECCB00HW01QK4	M1007C31	NUMBER	[PMMOResult_Soft_Handover] M1007C31
RUIR3NXAHL26SECCB00HW01QK4	M1007C32	NUMBER	[PMMOResult_Soft_Handover] M1007C32
RUJMGWTAHL26SECCB00HW01QK4	M1007C33	NUMBER	[PMMOResult_Soft_Handover] M1007C33
RUKHNLHAHL26SECCB00HW01QK4	M1007C34	NUMBER	[PMMOResult_Soft_Handover] M1007C34
RULDQ46AHL26SECCB00H	M1007C35	NUMBER	[PMMOResult_Soft_Handover

W01QK4			] M1007C35

7.8.185NOK_SOFT_HANDOVER_RT_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
CELL_ID		VARCHAR2(50)	[PMMOResult_Soft_Handover] WBTS & "/" & CELLID
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
RVAB6TXAHL26SECCB00HW01QK4	M1007C36	NUMBER	[PMMOResult_Soft_Handover] M1007C36
RUPHU0PAHL26SECCB00HW01QK4	M1007C0	NUMBER	[PMMOResult_Soft_Handover] M1007C0
RUQBDXPAHL26SECCB00HW01QK4	M1007C1	NUMBER	[PMMOResult_Soft_Handover] M1007C1
RUR2FTHAHL26SECCB00HW01QK4	M1007C2	NUMBER	[PMMOResult_Soft_Handover] M1007C2
RURV6VTAHL26SECCB00HW01QK4	M1007C3	NUMBER	[PMMOResult_Soft_Handover] M1007C3
RUSPM52AHL26SECCB00HW01QK4	M1007C4	NUMBER	[PMMOResult_Soft_Handover] M1007C4
RUTKQLHAHL26SECCB00HW01QK4	M1007C5	NUMBER	[PMMOResult_Soft_Handover] M1007C5
RUUGXY6AHL26SECCB00HW01QK4	M1007C6	NUMBER	[PMMOResult_Soft_Handover] M1007C6
RUVDMJLAHL26SECCB00HW01QK4	M1007C7	NUMBER	[PMMOResult_Soft_Handover] M1007C7
RUW5R5HAHL26SECCB00HW01QK4	M1007C8	NUMBER	[PMMOResult_Soft_Handover] M1007C8
RUX0KU2AHL26SECCB00HW01QK4	M1007C9	NUMBER	[PMMOResult_Soft_Handover] M1007C9

This edition applies to IBM® Tivoli® Netcool® Performance Manager for Wireless and to all subsequent releases and modifications until otherwise indicated in new editions.

RUXTB62AHL26SECCB00HW01QK4	M1007C10	NUMBER	[PMMOResult_Soft_Handover] M1007C10
RUYOJ0TAHL26SECCB00HW01QK4	M1007C11	NUMBER	[PMMOResult_Soft_Handover] M1007C11
RV0K1IPAHL26SECCB00HW01QK4	M1007C12	NUMBER	[PMMOResult_Soft_Handover] M1007C12
RV1FC1PAHL26SECCB00HW01QK4	M1007C13	NUMBER	[PMMOResult_Soft_Handover] M1007C13
RV264EHAHL26SECCB00HW01QK4	M1007C14	NUMBER	[PMMOResult_Soft_Handover] M1007C14
RV31HDXAHL26SECCB00HW01QK4	M1007C15	NUMBER	[PMMOResult_Soft_Handover] M1007C15
RV3VC6PAHL26SECCB00HW01QK4	M1007C16	NUMBER	[PMMOResult_Soft_Handover] M1007C16
RV4QN2XAHL26SECCB00HW01QK4	M1007C17	NUMBER	[PMMOResult_Soft_Handover] M1007C17
RV5LCD2AHL26SECCB00HW01QK4	M1007C18	NUMBER	[PMMOResult_Soft_Handover] M1007C18

7.8.186NOK_SOFT_HANDOVER_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
CELL_ID		VARCHAR2(50)	[PMMOResult_Soft_Handover] WBTS & "/" & CELLID
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
XDI26JDAFQ2AHDVUJ02UAUIBEV	M1007C38	NUMBER	[PMMOResult_Soft_Handover] M1007C38
XDI26JFAFQ2AHDVUJ02UAUIBEV	M1007C39	NUMBER	[PMMOResult_Soft_Handover] M1007C39
XDI26JHAFQ2AHDVUJ02UAUIBEV	M1007C40	NUMBER	[PMMOResult_Soft_Handover] M1007C40
XDI26JJAFQ2AHDVUJ02UAUIBEV	M1007C41	NUMBER	[PMMOResult_Soft_Handover] M1007C41
XDI26JLAFQ2AHDVUJ02UA	M1007C42	NUMBER	[PMMOResult_Soft_Handove

UIBEV			r] M1007C42
XDI26JNAFQ2AHDVUJ02UA UIBEV	M1007C43	NUMBER	[PMMOResult_Soft_Handover] M1007C43
XDI26JPAFQ2AHDVUJ02UA UIBEV	M1007C44	NUMBER	[PMMOResult_Soft_Handover] M1007C44
XDI26JRAFQ2AHDVUJ02UA UIBEV	M1007C45	NUMBER	[PMMOResult_Soft_Handover] M1007C45
XDI26JTAFQ2AHDVUJ02UA UIBEV	M1007C46	NUMBER	[PMMOResult_Soft_Handover] M1007C46
XDI26JVAFQ2AHDVUJ02UA UIBEV	M1007C47	NUMBER	[PMMOResult_Soft_Handover] M1007C47
XDI26JXAFQ2AHDVUJ02UA UIBEV	M1007C48	NUMBER	[PMMOResult_Soft_Handover] M1007C48
XDI26K0AFQ2AHDVUJ02UA UIBEV	M1007C49	NUMBER	[PMMOResult_Soft_Handover] M1007C49
XDI26K2AFQ2AHDVUJ02UA UIBEV	M1007C50	NUMBER	[PMMOResult_Soft_Handover] M1007C50
XDI26K4AFQ2AHDVUJ02UA UIBEV	M1007C51	NUMBER	[PMMOResult_Soft_Handover] M1007C51
XDI26K6AFQ2AHDVUJ02UA UIBEV	M1007C52	NUMBER	[PMMOResult_Soft_Handover] M1007C52
XDI26KBAFQ2AHDVUJ02UA UIBEV	M1007C54	NUMBER	[PMMOResult_Soft_Handover] M1007C54
XDI26KDAFQ2AHDVUJ02U AUIBEV	M1007C55	NUMBER	[PMMOResult_Soft_Handover] M1007C55
XDI26KFAFQ2AHDVUJ02UA UIBEV	M1007C56	NUMBER	[PMMOResult_Soft_Handover] M1007C56
XDI26KHAFQ2AHDVUJ02U AUIBEV	M1007C57	NUMBER	[PMMOResult_Soft_Handover] M1007C57
XDI26KJAFQ2AHDVUJ02UA UIBEV	M1007C58	NUMBER	[PMMOResult_Soft_Handover] M1007C58

This edition applies to IBM® Tivoli® Netcool® Performance Manager for Wireless and to all subsequent releases and modifications until otherwise indicated in new editions.

XDI26KLAFQ2AHDVUJ02UAUIBEV	M1007C59	NUMBER	[PMMOResult_Soft_Handover] M1007C59
XDI26KNAFQ2AHDVUJ02UAUIBEV	M1007C60	NUMBER	[PMMOResult_Soft_Handover] M1007C60
XDI26KPAFQ2AHDVUJ02UAUIBEV	M1007C61	NUMBER	[PMMOResult_Soft_Handover] M1007C61
XDI26KRAFQ2AHDVUJ02UAUIBEV	M1007C62	NUMBER	[PMMOResult_Soft_Handover] M1007C62
V2ADD151XL2AHCWXR00PG3RX00	M1007C53	NUMBER	[PMMOResult_Soft_Handover] M1007C53
UAQAD4P1IM2AHSXR0035XKCUAI	M1007C66	NUMBER	[PMMOResult_Soft_Handover] M1007C66
UAQAD4R1IM2AHSXR0035XKCUAI	M1007C67	NUMBER	[PMMOResult_Soft_Handover] M1007C67
UAQAD4T1IM2AHSXR0035XKCUAI	M1007C68	NUMBER	[PMMOResult_Soft_Handover] M1007C68
UAQAD4V1IM2AHSXR0035XKCUAI	M1007C69	NUMBER	[PMMOResult_Soft_Handover] M1007C69
UAQAD4X1IM2AHSXR0035XKCUAI	M1007C70	NUMBER	[PMMOResult_Soft_Handover] M1007C70
XDRXATFDMM2AICSD002UAXYBDK	M1007C71	NUMBER	[PMMOResult_Soft_Handover] M1007C71
XDRXATHDMM2AICSD002UAXYBDK	M1007C72	NUMBER	[PMMOResult_Soft_Handover] M1007C72

7.8.187NOK_TRAF_AMRCODMOD_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
CELL_ID		VARCHAR2(50)	[PMMOResult_Traffic] WBTS & "/" & CELLID
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
XDRXAJTDMM2AICSD002UAXYBDK	M1002C561	NUMBER	[PMMOResult_Traffic] M1002C561
XDRXAJVDMM2AICSD002U	M1002C562	NUMBER	[PMMOResult_Traffic]

AXYBDK			M1002C562
XDRXAJXDMM2AICSD002UAXYBDK	M1002C563	NUMBER	[PMMOResult_Traffic] M1002C563
XDRXAK0DMM2AICSD002UAXYBDK	M1002C564	NUMBER	[PMMOResult_Traffic] M1002C564
XDRXAK2DMM2AICSD002UAXYBDK	M1002C565	NUMBER	[PMMOResult_Traffic] M1002C565
XDRXAK4DMM2AICSD002UAXYBDK	M1002C566	NUMBER	[PMMOResult_Traffic] M1002C566
XDRXAK6DMM2AICSD002UAXYBDK	M1002C567	NUMBER	[PMMOResult_Traffic] M1002C567

7.8.188NOK_TRAF_MRAB_BACK_CONN_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
CELL_ID		VARCHAR2(50)	[PMMOResult_Traffic] WBTS & "/" & CELLID
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
X4IQMPPAFQ2AHDVUJ02UAUIBEV	M1002C403	NUMBER	[PMMOResult_Traffic] M1002C403
X4IQMPRAFQ2AHDVUJ02UAUIBEV	M1002C404	NUMBER	[PMMOResult_Traffic] M1002C404
X4IQMPTAFQ2AHDVUJ02UAUIBEV	M1002C405	NUMBER	[PMMOResult_Traffic] M1002C405
X4IQMPVAFQ2AHDVUJ02UAUIBEV	M1002C406	NUMBER	[PMMOResult_Traffic] M1002C406

7.8.189NOK_TRAF_MRAB_INT_CONN_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping

CELL_ID		VARCHAR2(50)	[PMMOResult_Traffic] WBTS & "/" & CELLID
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
X4IQMPXAFQ2AHDVUJ02UAUIBEV	M1002C483	NUMBER	[PMMOResult_Traffic] M1002C483
X4IQMQ0AFQ2AHDVUJ02UAUIBEV	M1002C484	NUMBER	[PMMOResult_Traffic] M1002C484
X4IQMQ2AFQ2AHDVUJ02UAUIBEV	M1002C485	NUMBER	[PMMOResult_Traffic] M1002C485
X4IQMQ4AFQ2AHDVUJ02UAUIBEV	M1002C486	NUMBER	[PMMOResult_Traffic] M1002C486

7.8.190NOK_TRAF_MRAB_STR_CONN_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
CELL_ID		VARCHAR2(50)	[PMMOResult_Traffic] WBTS & "/" & CELLID
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
XDRXALXDMM2AICSD002UAXYBDK	M1002C595	NUMBER	[PMMOResult_Traffic] M1002C595
XDRXAM0DMM2AICSD002UAXYBDK	M1002C596	NUMBER	[PMMOResult_Traffic] M1002C596
XDRXAM2DMM2AICSD002UAXYBDK	M1002C597	NUMBER	[PMMOResult_Traffic] M1002C597
XDRXAM4DMM2AICSD002UAXYBDK	M1002C598	NUMBER	[PMMOResult_Traffic] M1002C598

7.8.191NOK_WBTS_BUFF_DELAY_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
CELL_ID		VARCHAR2(50)	[PMMOResult_HSDPA_WBTS] WBTS & "/" & CELLID
TSTAMP		DATE	

INSTANCE_ID		NUMBER	
YBMRNJHAFQ2AHDVUJ02UAUIBEV	M5000C41	FLOAT	[PMMOResult_HSDPA_WBTS] M5000C41
YBMRNJJAFQ2AHDVUJ02UAUIBEV	M5000C42	NUMBER	[PMMOResult_HSDPA_WBTS] M5000C42
YBMRNJLAFQ2AHDVUJ02UAUIBEV	M5000C43	NUMBER	[PMMOResult_HSDPA_WBTS] M5000C43

7.8.192NOK_WBTS_CQI_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
CELL_ID		VARCHAR2(50)	[PMMOResult_HSDPA_WBTS] WBTS & "/" & CELLID
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
SD6JOP2AHL26SECCB00HW01QK4	CQI_DIST_CL_0	NUMBER	[PMMOResult_HSDPA_WBTS] M5000C8
SDAGFLHAHL26SECCB00HW01QK4	CQI_DIST_CL_1	NUMBER	[PMMOResult_HSDPA_WBTS] M5000C9
SDBDQKDAHL26SECCB00HW01QK4	CQI_DIST_CL_2	NUMBER	[PMMOResult_HSDPA_WBTS] M5000C10
SDCB4OLAHL26SECCB00HW01QK4	CQI_DIST_CL_3	NUMBER	[PMMOResult_HSDPA_WBTS] M5000C11
SDD5HUHAHL26SECCB00HW01QK4	CQI_DIST_CL_4	NUMBER	[PMMOResult_HSDPA_WBTS] M5000C12
SDE1WHTAHL26SECCB00HW01QK4	CQI_DIST_CL_5	NUMBER	[PMMOResult_HSDPA_WBTS] M5000C13
SDEYTJHAHL26SECCB00HW01QK4	CQI_DIST_CL_6	NUMBER	[PMMOResult_HSDPA_WBTS] M5000C14
SDFX6TTAHL26SECCB00HW01QK4	CQI_DIST_CL_7	NUMBER	[PMMOResult_HSDPA_WBTS] M5000C15

This edition applies to IBM® Tivoli® Netcool® Performance Manager for Wireless and to all subsequent releases and modifications until otherwise indicated in new editions.

SDGV0V6AHL26SECCB00HW01QK4	CQI_DIST_CL_8	NUMBER	[PMMOResult_HSDPA_WBTS] M5000C16
SDHTQ26AHL26SECCB00HW01QK4	CQI_DIST_CL_9	NUMBER	[PMMOResult_HSDPA_WBTS] M5000C17
SDIS22PAHL26SECCB00HW01QK4	CQI_DIST_CL_10	NUMBER	[PMMOResult_HSDPA_WBTS] M5000C18
SDJOSBHAHL26SECCB00HW01QK4	CQI_DIST_CL_11	NUMBER	[PMMOResult_HSDPA_WBTS] M5000C19
SDKKKY6AHL26SECCB00HW01QK4	CQI_DIST_CL_12	NUMBER	[PMMOResult_HSDPA_WBTS] M5000C20
SDLIG46AHL26SECCB00HW01QK4	CQI_DIST_CL_13	NUMBER	[PMMOResult_HSDPA_WBTS] M5000C21
SDMEBA6AHL26SECCB00HW01QK4	CQI_DIST_CL_14	NUMBER	[PMMOResult_HSDPA_WBTS] M5000C22
SDNAEKXAHL26SECCB00HW01QK4	CQI_DIST_CL_15	NUMBER	[PMMOResult_HSDPA_WBTS] M5000C23
SDO2TRXAHL26SECCB00HW01QK4	CQI_DIST_CL_16	NUMBER	[PMMOResult_HSDPA_WBTS] M5000C24
SDOWL6PAHL26SECCB00HW01QK4	CQI_DIST_CL_17	NUMBER	[PMMOResult_HSDPA_WBTS] M5000C25
SDPQRODAHL26SECCB00HW01QK4	CQI_DIST_CL_18	NUMBER	[PMMOResult_HSDPA_WBTS] M5000C26
SDQKHSHAHL26SECCB00HW01QK4	CQI_DIST_CL_19	NUMBER	[PMMOResult_HSDPA_WBTS] M5000C27
SDRF0T2AHL26SECCB00HW01QK4	CQI_DIST_CL_20	NUMBER	[PMMOResult_HSDPA_WBTS] M5000C28
SDS6JJXAHL26SECCB00HW01QK4	CQI_DIST_CL_21	NUMBER	[PMMOResult_HSDPA_WBTS] M5000C29
SDT0NLPAHL26SECCB00HW01QK4	CQI_DIST_CL_22	NUMBER	[PMMOResult_HSDPA_WBTS] M5000C30
SDTU3FTAHL26SECCB00HW01QK4	CQI_DIST_CL_23	NUMBER	[PMMOResult_HSDPA_WBTS] M5000C31
SDUOUBXAHL26SECCB00HW01QK4	CQI_DIST_CL_24	NUMBER	[PMMOResult_HSDPA_WBTS] M5000C32
SDVK00XAHL26SECCB00H	CQI_DIST_CL_25	NUMBER	[PMMOResult_HSDPA_WBT

W01QK4			S] M5000C33
SDWDWOPAHL26SECCB00HW01QK4	CQI_DIST_CL_26	NUMBER	[PMMOResult_HSDPA_WBTS] M5000C34
SDX5BPLAHL26SECCB00HW01QK4	CQI_DIST_CL_27	NUMBER	[PMMOResult_HSDPA_WBTS] M5000C35
SDXYJL6AHL26SECCB00HW01QK4	CQI_DIST_CL_28	NUMBER	[PMMOResult_HSDPA_WBTS] M5000C36
SDYTJEHAHL26SECCB00HW01QK4	CQI_DIST_CL_29	NUMBER	[PMMOResult_HSDPA_WBTS] M5000C37
SE0ODBLAHL26SECCB00HW01QK4	CQI_DIST_CL_30	NUMBER	[PMMOResult_HSDPA_WBTS] M5000C38
SE1MGPLAHL26SECCB00HW01QK4	CQI_FAILED	NUMBER	[PMMOResult_HSDPA_WBTS] M5000C39

7.8.193NOK_WBTS_DISC_MAC_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
CELL_ID		VARCHAR2(50)	[PMMOResult_HSDPA_WBTS] WBTS & "/" & CELLID
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
YBMRNJRAFQ2AHDVUJ02UAUIBEV	M5000C48	NUMBER	[PMMOResult_HSDPA_WBTS] M5000C48
SE2KBTXAHL26SECCB00HW01QK4	DISC_MAC_HS_PDU_T1	NUMBER	[PMMOResult_HSDPA_WBTS] M5000C46
SE3LJNTAHL26SECCB00HW01QK4	DISC_MAC_HS_PDU_MAX_RETRANS	NUMBER	[PMMOResult_HSDPA_WBTS] M5000C47

7.8.194NOK_WBTS_FRACLOAD_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping

CELL_ID		VARCHAR2(50)	[PMMOResult_HSDPA_WBTS] WBTS & "/" & CELLID
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
XW0RQ40DMM2AICSD002UAXYBDK	M5000C245	NUMBER	[PMMOResult_HSDPA_WBTS] M5000C245
XW0RQ42DMM2AICSD002UAXYBDK	M5000C246	NUMBER	[PMMOResult_HSDPA_WBTS] M5000C246
XW0RQ44DMM2AICSD002UAXYBDK	M5000C247	NUMBER	[PMMOResult_HSDPA_WBTS] M5000C247
XW0RQ46DMM2AICSD002UAXYBDK	M5000C248	NUMBER	[PMMOResult_HSDPA_WBTS] M5000C248
XW0RQ4BDMM2AICSD002UAXYBDK	M5000C249	NUMBER	[PMMOResult_HSDPA_WBTS] M5000C249
XW0RQ4DDMM2AICSD002UAXYBDK	M5000C250	NUMBER	[PMMOResult_HSDPA_WBTS] M5000C250
XW0RQ4FDMM2AICSD002UAXYBDK	M5000C251	NUMBER	[PMMOResult_HSDPA_WBTS] M5000C251
XW0RQ4HDMM2AICSD002UAXYBDK	M5000C252	NUMBER	[PMMOResult_HSDPA_WBTS] M5000C252
XW0RQ4JDMM2AICSD002UAXYBDK	M5000C253	NUMBER	[PMMOResult_HSDPA_WBTS] M5000C253
XW0RQ4LDMM2AICSD002UAXYBDK	M5000C254	NUMBER	[PMMOResult_HSDPA_WBTS] M5000C254
XW0RQ4NDMM2AICSD002UAXYBDK	M5000C255	NUMBER	[PMMOResult_HSDPA_WBTS] M5000C255
XW0RQ4PDMM2AICSD002UAXYBDK	M5000C256	NUMBER	[PMMOResult_HSDPA_WBTS] M5000C256
XW0RQ4RDMM2AICSD002UAXYBDK	M5000C257	NUMBER	[PMMOResult_HSDPA_WBTS] M5000C257
XW0RQ4TDMM2AICSD002UAXYBDK	M5000C258	NUMBER	[PMMOResult_HSDPA_WBTS] M5000C258
XW0RQ4VDMM2AICSD002UAXYBDK	M5000C259	NUMBER	[PMMOResult_HSDPA_WBTS] M5000C259
XW0RQ4XDMM2AICSD002U	M5000C260	NUMBER	[PMMOResult_HSDPA_WBT

AXYBDK			S] M5000C260
XW0RQ50DMM2AICSD002U AXYBDK	M5000C261	NUMBER	[PMMOResult_HSDPA_WBTS] M5000C261
XW0RQ52DMM2AICSD002U AXYBDK	M5000C262	NUMBER	[PMMOResult_HSDPA_WBTS] M5000C262
XW0RQ54DMM2AICSD002U AXYBDK	M5000C263	NUMBER	[PMMOResult_HSDPA_WBTS] M5000C263
XW0RQ56DMM2AICSD002U AXYBDK	M5000C264	NUMBER	[PMMOResult_HSDPA_WBTS] M5000C264
XW0RQ5BDMM2AICSD002U AXYBDK	M5000C265	NUMBER	[PMMOResult_HSDPA_WBTS] M5000C265

7.8.195NOK_WBTS_HS_CRED_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
CELL_ID		VARCHAR2(50)	[PMMOResult_HSDPA_WBTS] WBTS & "/" & CELLID
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
XW0RPYPDMM2AICSD002U AXYBDK	M5000C176	NUMBER	[PMMOResult_HSDPA_WBTS] M5000C176
XW0RPYRDMM2AICSD002U AXYBDK	M5000C177	NUMBER	[PMMOResult_HSDPA_WBTS] M5000C177
XW0RPYTDMM2AICSD002U AXYBDK	M5000C178	NUMBER	[PMMOResult_HSDPA_WBTS] M5000C178
XW0RPYVDMM2AICSD002U AXYBDK	M5000C179	NUMBER	[PMMOResult_HSDPA_WBTS] M5000C179

7.8.196NOK_WBTS_HS_USR_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping

This edition applies to IBM® Tivoli® Netcool® Performance Manager for Wireless and to all subsequent releases and modifications until otherwise indicated in new editions.

CELL_ID		VARCHAR2(50)	[PMMOResult_HSDPA_WBTS] WBTS & "/" & CELLID
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
XW0RPXLDMM2AICSD002UAXYBDK	M5000C158	NUMBER	[PMMOResult_HSDPA_WBTS] M5000C158
XW0RPXNDMM2AICSD002UAXYBDK	M5000C159	NUMBER	[PMMOResult_HSDPA_WBTS] M5000C159
XW0RPXPDMM2AICSD002UAXYBDK	M5000C160	NUMBER	[PMMOResult_HSDPA_WBTS] M5000C160
XW0RPXRDMM2AICSD002UAXYBDK	M5000C161	NUMBER	[PMMOResult_HSDPA_WBTS] M5000C161
XW0RPXTDMM2AICSD002UAXYBDK	M5000C162	NUMBER	[PMMOResult_HSDPA_WBTS] M5000C162
XW0RPXVDMM2AICSD002UAXYBDK	M5000C163	NUMBER	[PMMOResult_HSDPA_WBTS] M5000C163
XW0RPXXDMM2AICSD002UAXYBDK	M5000C164	NUMBER	[PMMOResult_HSDPA_WBTS] M5000C164
XW0RPY0DMM2AICSD002UAXYBDK	M5000C165	NUMBER	[PMMOResult_HSDPA_WBTS] M5000C165
XW0RPY2DMM2AICSD002UAXYBDK	M5000C166	NUMBER	[PMMOResult_HSDPA_WBTS] M5000C166
XW0RPY4DMM2AICSD002UAXYBDK	M5000C167	NUMBER	[PMMOResult_HSDPA_WBTS] M5000C167
XW0RPY6DMM2AICSD002UAXYBDK	M5000C168	NUMBER	[PMMOResult_HSDPA_WBTS] M5000C168
XW0RPYBDMM2AICSD002UAXYBDK	M5000C169	NUMBER	[PMMOResult_HSDPA_WBTS] M5000C169
XW0RPYDDMM2AICSD002UAXYBDK	M5000C170	NUMBER	[PMMOResult_HSDPA_WBTS] M5000C170
XW0RPYFDMM2AICSD002UAXYBDK	M5000C171	NUMBER	[PMMOResult_HSDPA_WBTS] M5000C171
XW0RPYHDMM2AICSD002UAXYBDK	M5000C172	NUMBER	[PMMOResult_HSDPA_WBTS] M5000C172
XW0RPYJDMM2AICSD002U	M5000C173	NUMBER	[PMMOResult_HSDPA_WBT

AXYBDK			S] M5000C173
XW0RPYLDMM2AICSD002UAXYBDK	M5000C174	NUMBER	[PMMOResult_HSDPA_WBTS] M5000C174
XW0RPYNDMM2AICSD002UAXYBDK	M5000C175	NUMBER	[PMMOResult_HSDPA_WBTS] M5000C175
UAQADG21IM2AHSXR0035XKCUAI	M5000C76	NUMBER	[PMMOResult_HSDPA_WBTS] M5000C76
UAQADG41IM2AHSXR0035XKCUAI	M5000C77	NUMBER	[PMMOResult_HSDPA_WBTS] M5000C77
UAQADG61IM2AHSXR0035XKCUAI	M5000C78	NUMBER	[PMMOResult_HSDPA_WBTS] M5000C78
UAQADGB1IM2AHSXR0035XKCUAI	M5000C79	NUMBER	[PMMOResult_HSDPA_WBTS] M5000C79
UAQADGD1IM2AHSXR0035XKCUAI	M5000C80	NUMBER	[PMMOResult_HSDPA_WBTS] M5000C80
UAQADGF1IM2AHSXR0035XKCUAI	M5000C81	NUMBER	[PMMOResult_HSDPA_WBTS] M5000C81
UAQADGH1IM2AHSXR0035XKCUAI	M5000C82	NUMBER	[PMMOResult_HSDPA_WBTS] M5000C82
UAQADGJ1IM2AHSXR0035XKCUAI	M5000C83	NUMBER	[PMMOResult_HSDPA_WBTS] M5000C83
UAQADGL1IM2AHSXR0035XKCUAI	M5000C84	NUMBER	[PMMOResult_HSDPA_WBTS] M5000C84
UAQADGN1IM2AHSXR0035XKCUAI	M5000C85	NUMBER	[PMMOResult_HSDPA_WBTS] M5000C85

7.8.197NOK_WBTS_HSSCCH_PWR_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
CELL_ID		VARCHAR2(50)	[PMMOResult_HSDPA_WBTS] WBTS & "/" & CELLID

This edition applies to IBM® Tivoli® Netcool® Performance Manager for Wireless and to all subsequent releases and modifications until otherwise indicated in new editions.

TSTAMP		DATE	
INSTANCE_ID		NUMBER	
SE4Q2THAHL26SECCB00HW01QK4	HS_SCCH_PWR_DIST_CLASS_0	NUMBER	[PMMOResult_HSDPA_WBTS] M5000C69
SE5SV0DAHL26SECCB00HW01QK4	HS_SCCH_PWR_DIST_CLASS_1	NUMBER	[PMMOResult_HSDPA_WBTS] M5000C70
SE6YCI2AHL26SECCB00HW01QK4	HS_SCCH_PWR_DIST_CLASS_2	NUMBER	[PMMOResult_HSDPA_WBTS] M5000C71
SEAUVALAHL26SECCB00HW01QK4	HS_SCCH_PWR_DIST_CLASS_3	NUMBER	[PMMOResult_HSDPA_WBTS] M5000C72
SEBSPKPAHL26SECCB00HW01QK4	HS_SCCH_PWR_DIST_CLASS_4	NUMBER	[PMMOResult_HSDPA_WBTS] M5000C73
SECPBIDAHL26SECCB00HW01QK4	HS_SCCH_PWR_DIST_CLASS_5	NUMBER	[PMMOResult_HSDPA_WBTS] M5000C74
SEDMWDHAHL26SECCB00HW01QK4	HS_SCCH_PWR_SUM	NUMBER	[PMMOResult_HSDPA_WBTS] M5000C75

7.8.198NOK_WBTS_HSUPA_PWR_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
CELL_ID		VARCHAR2(50)	[PMMOResult_HSDPA_WBTS] WBTS & "/" & CELLID
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
UGPUGRN1IM2AHSXR0035XKCUAI	M5000C145	NUMBER	[PMMOResult_HSDPA_WBTS] M5000C145
UGPUGRP1IM2AHSXR0035XKCUAI	M5000C146	NUMBER	[PMMOResult_HSDPA_WBTS] M5000C146
UGPUGRR1IM2AHSXR0035XKCUAI	M5000C147	NUMBER	[PMMOResult_HSDPA_WBTS] M5000C147
UGPUGRT1IM2AHSXR0035XKCUAI	M5000C148	NUMBER	[PMMOResult_HSDPA_WBTS] M5000C148
UGPUGRV1IM2AHSXR0035XKCUAI	M5000C149	NUMBER	[PMMOResult_HSDPA_WBTS] M5000C149
UGPUGRX1IM2AHSXR003	M5000C150	NUMBER	[PMMOResult_HSDPA_WBT

5XKCUAI			S] M5000C150
UGPUGS61IM2AHSXR0035XKCUAI	M5000C154	NUMBER	[PMMOResult_HSDPA_WBTS] M5000C154
UGPUGSB1IM2AHSXR0035XKCUAI	M5000C155	NUMBER	[PMMOResult_HSDPA_WBTS] M5000C155
UGPUGSD1IM2AHSXR0035XKCUAI	M5000C156	NUMBER	[PMMOResult_HSDPA_WBTS] M5000C156
UGPUGSF1IM2AHSXR0035XKCUAI	M5000C157	NUMBER	[PMMOResult_HSDPA_WBTS] M5000C157

7.8.199NOK_WBTS_HSUPA_THPT_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
CELL_ID		VARCHAR2(50)	[PMMOResult_HSDPA_WBTS] WBTS & "/" & CELLID
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
UGPUGS01IM2AHSXR0035XKCUAI	M5000C151	NUMBER	[PMMOResult_HSDPA_WBTS] M5000C151
UGPUGS21IM2AHSXR0035XKCUAI	M5000C152	NUMBER	[PMMOResult_HSDPA_WBTS] M5000C152
UGPUGS41IM2AHSXR0035XKCUAI	M5000C153	NUMBER	[PMMOResult_HSDPA_WBTS] M5000C153

7.8.200NOK_WBTS_IDLE_TIME_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
CELL_ID		VARCHAR2(50)	[PMMOResult_HSDPA_WBTS] WBTS & "/" & CELLID
TSTAMP		DATE	
INSTANCE_ID		NUMBER	

This edition applies to IBM® Tivoli® Netcool® Performance Manager for Wireless and to all subsequent releases and modifications until otherwise indicated in new editions.

YBMRNJNAFQ2AHDVUJ02UAUIBEV	M5000C44	NUMBER	[PMMOResult_HSDPA_WBTS] M5000C44
YBMRNJPAFQ2AHDVUJ02UAUIBEV	M5000C45	NUMBER	[PMMOResult_HSDPA_WBTS] M5000C45

7.8.201NOK_WBTS_MACD_PDU_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
CELL_ID		VARCHAR2(50)	[PMMOResult_HSDPA_WBTS] WBTS & "/" & CELLID
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
UAQADJ61IM2AHSXR0035XKCUAI	M5000C126	NUMBER	[PMMOResult_HSDPA_WBTS] M5000C126
UGPUGQJ1IM2AHSXR0035XKCUAI	M5000C127	NUMBER	[PMMOResult_HSDPA_WBTS] M5000C127
XW0RQ62DMM2AICSD002UAXYBDK	M5000C278	NUMBER	[PMMOResult_HSDPA_WBTS] M5000C278
XW0RQ64DMM2AICSD002UAXYBDK	M5000C279	NUMBER	[PMMOResult_HSDPA_WBTS] M5000C279
XW0RQ66DMM2AICSD002UAXYBDK	M5000C280	NUMBER	[PMMOResult_HSDPA_WBTS] M5000C280
XW0RQ6BDMM2AICSD002UAXYBDK	M5000C281	NUMBER	[PMMOResult_HSDPA_WBTS] M5000C281
XW0RQ6DDMM2AICSD002UAXYBDK	M5000C282	NUMBER	[PMMOResult_HSDPA_WBTS] M5000C282
UECVRFHHOS2AIBKMJ035XKCTLN	M5000C40	NUMBER	[PMMOResult_HSDPA_WBTS] M5000C40
SEEQKWTAHL26SECCB00HW01QK4	MAC_D_PDU_TOT	NUMBER	[PMMOResult_HSDPA_WBTS] M5000C7
SEFN12PAHL26SECCB00HW01QK4	MAC_D_PDU_DROP_BTS_OWFL	NUMBER	[PMMOResult_HSDPA_WBTS] M5000C6

7.8.202NOK_WBTS_MACE_TX_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping

CELL_ID		VARCHAR2(50)	[PMMOResult_HSDPA_WBTS] WBTS & "/" & CELLID
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
UGPUGQL1IM2AHSXR0035XKCUAI	M5000C128	NUMBER	[PMMOResult_HSDPA_WBTS] M5000C128
UGPUGQN1IM2AHSXR0035XKCUAI	M5000C129	NUMBER	[PMMOResult_HSDPA_WBTS] M5000C129
UGPUGQP1IM2AHSXR0035XKCUAI	M5000C130	NUMBER	[PMMOResult_HSDPA_WBTS] M5000C130
UGPUGQR1IM2AHSXR0035XKCUAI	M5000C131	NUMBER	[PMMOResult_HSDPA_WBTS] M5000C131
UGPUGQT1IM2AHSXR0035XKCUAI	M5000C132	NUMBER	[PMMOResult_HSDPA_WBTS] M5000C132
UGPUGQV1IM2AHSXR0035XKCUAI	M5000C133	NUMBER	[PMMOResult_HSDPA_WBTS] M5000C133
UGPUGQX1IM2AHSXR0035XKCUAI	M5000C134	NUMBER	[PMMOResult_HSDPA_WBTS] M5000C134
UGPUGR01IM2AHSXR0035XKCUAI	M5000C135	NUMBER	[PMMOResult_HSDPA_WBTS] M5000C135
UGPUGR21IM2AHSXR0035XKCUAI	M5000C136	NUMBER	[PMMOResult_HSDPA_WBTS] M5000C136
UGPUGR41IM2AHSXR0035XKCUAI	M5000C137	NUMBER	[PMMOResult_HSDPA_WBTS] M5000C137
UGPUGR61IM2AHSXR0035XKCUAI	M5000C138	NUMBER	[PMMOResult_HSDPA_WBTS] M5000C138
UGPUGRB1IM2AHSXR0035XKCUAI	M5000C139	NUMBER	[PMMOResult_HSDPA_WBTS] M5000C139
UGPUGRD1IM2AHSXR0035XKCUAI	M5000C140	NUMBER	[PMMOResult_HSDPA_WBTS] M5000C140
UGPUGRF1IM2AHSXR0035	M5000C141	NUMBER	[PMMOResult_HSDPA_WBT

This edition applies to IBM® Tivoli® Netcool® Performance Manager for Wireless and to all subsequent releases and modifications until otherwise indicated in new editions.

XKCUAI			S] M5000C141
UGPUGRH1IM2AHSXR0035XKCUAI	M5000C142	NUMBER	[PMMOResult_HSDPA_WBTS] M5000C142
UGPUGRJ1IM2AHSXR0035XKCUAI	M5000C143	NUMBER	[PMMOResult_HSDPA_WBTS] M5000C143
UGPUGRL1IM2AHSXR0035XKCUAI	M5000C144	NUMBER	[PMMOResult_HSDPA_WBTS] M5000C144

7.8.203NOK_WBTS_MACHS_TX_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
CELL_ID		VARCHAR2(50)	[PMMOResult_HSDPA_WBTS] WBTS & "/" & CELLID
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
SEIFXN6AHL26SECCB00HW01QK4	ORIG_TRANS_1_CODE_QPSK	NUMBER	[PMMOResult_HSDPA_WBTS] M5000C49
SEJDMM2AHL26SECCB00HW01QK4	ORIG_TRANS_2_CODE_QPSK	NUMBER	[PMMOResult_HSDPA_WBTS] M5000C50
SEKBI0TAHL26SECCB00HW01QK4	ORIG_TRANS_3_CODE_QPSK	NUMBER	[PMMOResult_HSDPA_WBTS] M5000C51
SELA6VLAHL26SECCB00HW01QK4	ORIG_TRANS_4_CODE_QPSK	NUMBER	[PMMOResult_HSDPA_WBTS] M5000C52
SEM4RK6AHL26SECCB00HW01QK4	ORIG_TRANS_5_CODE_QPSK	NUMBER	[PMMOResult_HSDPA_WBTS] M5000C53
SEN2SNTAHL26SECCB00HW01QK4	ORIG_TRANS_1_CODE_16QAM	NUMBER	[PMMOResult_HSDPA_WBTS] M5000C54
SEO1A2TAHL26SECCB00HW01QK4	ORIG_TRANS_2_CODE_16QAM	NUMBER	[PMMOResult_HSDPA_WBTS] M5000C55
SEP6CITAHL26SECCB00HW01QK4	ORIG_TRANS_3_CODE_16QAM	NUMBER	[PMMOResult_HSDPA_WBTS] M5000C56
SEQ3VJTAHL26SECCB00HW01QK4	ORIG_TRANS_4_CODE_16QAM	NUMBER	[PMMOResult_HSDPA_WBTS] M5000C57
SER0DRXAHL26SECCB00HW01QK4	ORIG_TRANS_5_CODE_16QAM	NUMBER	[PMMOResult_HSDPA_WBTS] M5000C58

SERXVBXAHL26SECCB00HW01QK4	RETRANS_1_CODE_QPSK	NUMBER	[PMMOResult_HSDPA_WBTS] M5000C59
SESTOSXAHL26SECCB00HW01QK4	RETRANS_2_CODE_QPSK	NUMBER	[PMMOResult_HSDPA_WBTS] M5000C60
SETOGOHAHL26SECCB00HW01QK4	RETRANS_3_CODE_QPSK	NUMBER	[PMMOResult_HSDPA_WBTS] M5000C61
SEUICADAHL26SECCB00HW01QK4	RETRANS_4_CODE_QPSK	NUMBER	[PMMOResult_HSDPA_WBTS] M5000C62
SEVBWUXAHL26SECCB00HW01QK4	RETRANS_5_CODE_QPSK	NUMBER	[PMMOResult_HSDPA_WBTS] M5000C63
SEW416DAHL26SECCB00HW01QK4	RETRANS_1_CODE_16QAM	NUMBER	[PMMOResult_HSDPA_WBTS] M5000C64
SEWX13LAHL26SECCB00HW01QK4	RETRANS_2_CODE_16QAM	NUMBER	[PMMOResult_HSDPA_WBTS] M5000C65
SEXT52DAHL26SECCB00HW01QK4	RETRANS_3_CODE_16QAM	NUMBER	[PMMOResult_HSDPA_WBTS] M5000C66
SEYRGJDAHL26SECCB00HW01QK4	RETRANS_4_CODE_16QAM	NUMBER	[PMMOResult_HSDPA_WBTS] M5000C67
SF0NKSPAHL26SECCB00HW01QK4	RETRANS_5_CODE_16QAM	NUMBER	[PMMOResult_HSDPA_WBTS] M5000C68
SF1I5H6AHL26SECCB00HW01QK4	MAC_HS_PDU_RETR_DIST_CL_0	NUMBER	[PMMOResult_HSDPA_WBTS] M5000C0
SF2D6R6AHL26SECCB00HW01QK4	MAC_HS_PDU_RETR_DIST_CL_1	NUMBER	[PMMOResult_HSDPA_WBTS] M5000C1
SF351AHAHL26SECCB00HW01QK4	MAC_HS_PDU_RETR_DIST_CL_2	NUMBER	[PMMOResult_HSDPA_WBTS] M5000C2
SF3YRGPAHL26SECCB00HW01QK4	MAC_HS_PDU_RETR_DIST_CL_3	NUMBER	[PMMOResult_HSDPA_WBTS] M5000C3
SF4VA5HAHL26SECCB00HW01QK4	MAC_HS_PDU_RETR_DIST_CL_4	NUMBER	[PMMOResult_HSDPA_WBTS] M5000C4
SF5SOK2AHL26SECCB00H	MAC_HS_PDU_RETR	NUMBER	[PMMOResult_HSDPA_WBT

This edition applies to IBM® Tivoli® Netcool® Performance Manager for Wireless and to all subsequent releases and modifications until otherwise indicated in new editions.

W01QK4	_DIST_CL_5		S] M5000C5
UAQADGP1IM2AHSXR0035XKCUAI	M5000C86	NUMBER	[PMMOResult_HSDPA_WBTS] M5000C86
UAQADGR1IM2AHSXR0035XKCUAI	M5000C87	NUMBER	[PMMOResult_HSDPA_WBTS] M5000C87
UAQADGT1IM2AHSXR0035XKCUAI	M5000C88	NUMBER	[PMMOResult_HSDPA_WBTS] M5000C88
UAQADGV1IM2AHSXR0035XKCUAI	M5000C89	NUMBER	[PMMOResult_HSDPA_WBTS] M5000C89
UAQADGX1IM2AHSXR0035XKCUAI	M5000C90	NUMBER	[PMMOResult_HSDPA_WBTS] M5000C90
UAQADH01IM2AHSXR0035XKCUAI	M5000C91	NUMBER	[PMMOResult_HSDPA_WBTS] M5000C91
UAQADH21IM2AHSXR0035XKCUAI	M5000C92	NUMBER	[PMMOResult_HSDPA_WBTS] M5000C92
UAQADH41IM2AHSXR0035XKCUAI	M5000C93	NUMBER	[PMMOResult_HSDPA_WBTS] M5000C93
UAQADH61IM2AHSXR0035XKCUAI	M5000C94	NUMBER	[PMMOResult_HSDPA_WBTS] M5000C94
UAQADHB1IM2AHSXR0035XKCUAI	M5000C95	NUMBER	[PMMOResult_HSDPA_WBTS] M5000C95
UAQADHD1IM2AHSXR0035XKCUAI	M5000C96	NUMBER	[PMMOResult_HSDPA_WBTS] M5000C96
UAQADHF1IM2AHSXR0035XKCUAI	M5000C97	NUMBER	[PMMOResult_HSDPA_WBTS] M5000C97
UAQADHH1IM2AHSXR0035XKCUAI	M5000C98	NUMBER	[PMMOResult_HSDPA_WBTS] M5000C98
UAQADHJ1IM2AHSXR0035XKCUAI	M5000C99	NUMBER	[PMMOResult_HSDPA_WBTS] M5000C99
UAQADHL1IM2AHSXR0035XKCUAI	M5000C100	NUMBER	[PMMOResult_HSDPA_WBTS] M5000C100
UAQADHN1IM2AHSXR0035XKCUAI	M5000C101	NUMBER	[PMMOResult_HSDPA_WBTS] M5000C101
UAQADHP1IM2AHSXR0035XKCUAI	M5000C102	NUMBER	[PMMOResult_HSDPA_WBTS] M5000C102

UAQADHR1IM2AHSXR0035XKCUAI	M5000C103	NUMBER	[PMMOResult_HSDPA_WBTS] M5000C103
UAQADHT1IM2AHSXR0035XKCUAI	M5000C104	NUMBER	[PMMOResult_HSDPA_WBTS] M5000C104
UAQADHV1IM2AHSXR0035XKCUAI	M5000C105	NUMBER	[PMMOResult_HSDPA_WBTS] M5000C105
UAQADHX1IM2AHSXR0035XKCUAI	M5000C106	NUMBER	[PMMOResult_HSDPA_WBTS] M5000C106
UAQADI01IM2AHSXR0035XKCUAI	M5000C107	NUMBER	[PMMOResult_HSDPA_WBTS] M5000C107
UAQADI21IM2AHSXR0035XKCUAI	M5000C108	NUMBER	[PMMOResult_HSDPA_WBTS] M5000C108
UAQADI41IM2AHSXR0035XKCUAI	M5000C109	NUMBER	[PMMOResult_HSDPA_WBTS] M5000C109
UAQADI61IM2AHSXR0035XKCUAI	M5000C110	NUMBER	[PMMOResult_HSDPA_WBTS] M5000C110
UAQADIB1IM2AHSXR0035XKCUAI	M5000C111	NUMBER	[PMMOResult_HSDPA_WBTS] M5000C111
UAQADID1IM2AHSXR0035XKCUAI	M5000C112	NUMBER	[PMMOResult_HSDPA_WBTS] M5000C112
UAQADIF1IM2AHSXR0035XKCUAI	M5000C113	NUMBER	[PMMOResult_HSDPA_WBTS] M5000C113
UAQADIH1IM2AHSXR0035XKCUAI	M5000C114	NUMBER	[PMMOResult_HSDPA_WBTS] M5000C114
UAQADIJ1IM2AHSXR0035XKCUAI	M5000C115	NUMBER	[PMMOResult_HSDPA_WBTS] M5000C115
UAQADIL1IM2AHSXR0035XKCUAI	M5000C116	NUMBER	[PMMOResult_HSDPA_WBTS] M5000C116
UAQADIN1IM2AHSXR0035XKCUAI	M5000C117	NUMBER	[PMMOResult_HSDPA_WBTS] M5000C117
UAQADIP1IM2AHSXR0035	M5000C118	NUMBER	[PMMOResult_HSDPA_WBT

This edition applies to IBM® Tivoli® Netcool® Performance Manager for Wireless and to all subsequent releases and modifications until otherwise indicated in new editions.

XKCUAI			S] M5000C118
UAQADIR1IM2AHSXR0035XKCUAI	M5000C119	NUMBER	[PMMOResult_HSDPA_WBTS] M5000C119
UAQADIT1IM2AHSXR0035XKCUAI	M5000C120	NUMBER	[PMMOResult_HSDPA_WBTS] M5000C120
UAQADIV1IM2AHSXR0035XKCUAI	M5000C121	NUMBER	[PMMOResult_HSDPA_WBTS] M5000C121
UAQADIX1IM2AHSXR0035XKCUAI	M5000C122	NUMBER	[PMMOResult_HSDPA_WBTS] M5000C122
UAQADJ01IM2AHSXR0035XKCUAI	M5000C123	NUMBER	[PMMOResult_HSDPA_WBTS] M5000C123
UAQADJ21IM2AHSXR0035XKCUAI	M5000C124	NUMBER	[PMMOResult_HSDPA_WBTS] M5000C124
UAQADJ41IM2AHSXR0035XKCUAI	M5000C125	NUMBER	[PMMOResult_HSDPA_WBTS] M5000C125

7.8.204NOK_WBTS_UE_NSERPW_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
CELL_ID		VARCHAR2(50)	[PMMOResult_HSDPA_WBTS] WBTS & "/" & CELLID
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
XW0RQ1XDMM2AICSD002UAXYBDK	M5000C212	NUMBER	[PMMOResult_HSDPA_WBTS] M5000C212
XW0RQ20DMM2AICSD002UAXYBDK	M5000C213	NUMBER	[PMMOResult_HSDPA_WBTS] M5000C213
XW0RQ22DMM2AICSD002UAXYBDK	M5000C214	NUMBER	[PMMOResult_HSDPA_WBTS] M5000C214
XW0RQ24DMM2AICSD002UAXYBDK	M5000C215	NUMBER	[PMMOResult_HSDPA_WBTS] M5000C215
XW0RQ26DMM2AICSD002UAXYBDK	M5000C216	NUMBER	[PMMOResult_HSDPA_WBTS] M5000C216
XW0RQ2BDMM2AICSD002UAXYBDK	M5000C217	NUMBER	[PMMOResult_HSDPA_WBTS] M5000C217

XW0RQ2DDMM2AICSD002UAXYBDK	M5000C218	NUMBER	[PMMOResult_HSDPA_WBTS] M5000C218
XW0RQ2FDMM2AICSD002UAXYBDK	M5000C219	NUMBER	[PMMOResult_HSDPA_WBTS] M5000C219
XW0RQ2HDMM2AICSD002UAXYBDK	M5000C220	NUMBER	[PMMOResult_HSDPA_WBTS] M5000C220
XW0RQ2JDMM2AICSD002UAXYBDK	M5000C221	NUMBER	[PMMOResult_HSDPA_WBTS] M5000C221
XW0RQ2LDMM2AICSD002UAXYBDK	M5000C222	NUMBER	[PMMOResult_HSDPA_WBTS] M5000C222
XW0RQ2NDMM2AICSD002UAXYBDK	M5000C223	NUMBER	[PMMOResult_HSDPA_WBTS] M5000C223
XW0RQ2PDMM2AICSD002UAXYBDK	M5000C224	NUMBER	[PMMOResult_HSDPA_WBTS] M5000C224
XW0RQ2RDMM2AICSD002UAXYBDK	M5000C225	NUMBER	[PMMOResult_HSDPA_WBTS] M5000C225
XW0RQ2TDMM2AICSD002UAXYBDK	M5000C226	NUMBER	[PMMOResult_HSDPA_WBTS] M5000C226
XW0RQ2VDMM2AICSD002UAXYBDK	M5000C227	NUMBER	[PMMOResult_HSDPA_WBTS] M5000C227
XW0RQ2XDMM2AICSD002UAXYBDK	M5000C228	NUMBER	[PMMOResult_HSDPA_WBTS] M5000C228
XW0RQ30DMM2AICSD002UAXYBDK	M5000C229	NUMBER	[PMMOResult_HSDPA_WBTS] M5000C229
XW0RQ32DMM2AICSD002UAXYBDK	M5000C230	NUMBER	[PMMOResult_HSDPA_WBTS] M5000C230
XW0RQ34DMM2AICSD002UAXYBDK	M5000C231	NUMBER	[PMMOResult_HSDPA_WBTS] M5000C231
XW0RQ36DMM2AICSD002UAXYBDK	M5000C232	NUMBER	[PMMOResult_HSDPA_WBTS] M5000C232
XW0RQ3BDMM2AICSD002U	M5000C233	NUMBER	[PMMOResult_HSDPA_WBT

This edition applies to IBM® Tivoli® Netcool® Performance Manager for Wireless and to all subsequent releases and modifications until otherwise indicated in new editions.

AXYBDK			S] M5000C233
XW0RQ3DDMM2AICSD002U AXYBDK	M5000C234	NUMBER	[PMMOResult_HSDPA_WBTS] M5000C234
XW0RQ3FDMM2AICSD002U AXYBDK	M5000C235	NUMBER	[PMMOResult_HSDPA_WBTS] M5000C235
XW0RQ3HDMM2AICSD002U AXYBDK	M5000C236	NUMBER	[PMMOResult_HSDPA_WBTS] M5000C236
XW0RQ3JDMM2AICSD002U AXYBDK	M5000C237	NUMBER	[PMMOResult_HSDPA_WBTS] M5000C237
XW0RQ3LDMM2AICSD002U AXYBDK	M5000C238	NUMBER	[PMMOResult_HSDPA_WBTS] M5000C238
XW0RQ3NDMM2AICSD002U AXYBDK	M5000C239	NUMBER	[PMMOResult_HSDPA_WBTS] M5000C239
XW0RQ3PDMM2AICSD002U AXYBDK	M5000C240	NUMBER	[PMMOResult_HSDPA_WBTS] M5000C240
XW0RQ3RDMM2AICSD002U AXYBDK	M5000C241	NUMBER	[PMMOResult_HSDPA_WBTS] M5000C241
XW0RQ3TDMM2AICSD002U AXYBDK	M5000C242	NUMBER	[PMMOResult_HSDPA_WBTS] M5000C242
XW0RQ3VDMM2AICSD002U AXYBDK	M5000C243	NUMBER	[PMMOResult_HSDPA_WBTS] M5000C243
XW0RQ3XDMM2AICSD002U AXYBDK	M5000C244	NUMBER	[PMMOResult_HSDPA_WBTS] M5000C244

7.8.205NOK_WBTS_UE_SERPW_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
CELL_ID		VARCHAR2(50)	[PMMOResult_HSDPA_WBTS] WBTS & "/" & CELLID
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
XW0RPYXDMM2AICSD002U AXYBDK	M5000C180	NUMBER	[PMMOResult_HSDPA_WBTS] M5000C180
XW0RQ00DMM2AICSD002U AXYBDK	M5000C181	NUMBER	[PMMOResult_HSDPA_WBTS] M5000C181

XW0RQ02DMM2AICSD002U AXYBDK	M5000C182	NUMBER	[PMMOResult_HSDPA_WBTS] M5000C182
XW0RQ04DMM2AICSD002U AXYBDK	M5000C183	NUMBER	[PMMOResult_HSDPA_WBTS] M5000C183
XW0RQ06DMM2AICSD002U AXYBDK	M5000C184	NUMBER	[PMMOResult_HSDPA_WBTS] M5000C184
XW0RQ0BDMM2AICSD002U AXYBDK	M5000C185	NUMBER	[PMMOResult_HSDPA_WBTS] M5000C185
XW0RQ0DDMM2AICSD002U AXYBDK	M5000C186	NUMBER	[PMMOResult_HSDPA_WBTS] M5000C186
XW0RQ0FDMM2AICSD002U AXYBDK	M5000C187	NUMBER	[PMMOResult_HSDPA_WBTS] M5000C187
XW0RQ0HDMM2AICSD002U AXYBDK	M5000C188	NUMBER	[PMMOResult_HSDPA_WBTS] M5000C188
XW0RQ0JDMM2AICSD002U AXYBDK	M5000C189	NUMBER	[PMMOResult_HSDPA_WBTS] M5000C189
XW0RQ0LDMM2AICSD002U AXYBDK	M5000C190	NUMBER	[PMMOResult_HSDPA_WBTS] M5000C190
XW0RQ0NDMM2AICSD002U AXYBDK	M5000C191	NUMBER	[PMMOResult_HSDPA_WBTS] M5000C191
XW0RQ0PDMM2AICSD002U AXYBDK	M5000C192	NUMBER	[PMMOResult_HSDPA_WBTS] M5000C192
XW0RQ0RDMM2AICSD002U AXYBDK	M5000C193	NUMBER	[PMMOResult_HSDPA_WBTS] M5000C193
XW0RQ0TDMM2AICSD002U AXYBDK	M5000C194	NUMBER	[PMMOResult_HSDPA_WBTS] M5000C194
XW0RQ0VDMM2AICSD002U AXYBDK	M5000C195	NUMBER	[PMMOResult_HSDPA_WBTS] M5000C195
XW0RQ0XDMM2AICSD002U AXYBDK	M5000C196	NUMBER	[PMMOResult_HSDPA_WBTS] M5000C196
XW0RQ10DMM2AICSD002U	M5000C197	NUMBER	[PMMOResult_HSDPA_WBT

This edition applies to IBM® Tivoli® Netcool® Performance Manager for Wireless and to all subsequent releases and modifications until otherwise indicated in new editions.

AXYBDK			S] M5000C197
XW0RQ12DMM2AICSD002U AXYBDK	M5000C198	NUMBER	[PMMOResult_HSDPA_WBTS] M5000C198
XW0RQ14DMM2AICSD002U AXYBDK	M5000C199	NUMBER	[PMMOResult_HSDPA_WBTS] M5000C199
XW0RQ16DMM2AICSD002U AXYBDK	M5000C200	NUMBER	[PMMOResult_HSDPA_WBTS] M5000C200
XW0RQ1BDMM2AICSD002U AXYBDK	M5000C201	NUMBER	[PMMOResult_HSDPA_WBTS] M5000C201
XW0RQ1DDMM2AICSD002U AXYBDK	M5000C202	NUMBER	[PMMOResult_HSDPA_WBTS] M5000C202
XW0RQ1FDMM2AICSD002U AXYBDK	M5000C203	NUMBER	[PMMOResult_HSDPA_WBTS] M5000C203
XW0RQ1HDMM2AICSD002U AXYBDK	M5000C204	NUMBER	[PMMOResult_HSDPA_WBTS] M5000C204
XW0RQ1JDMM2AICSD002U AXYBDK	M5000C205	NUMBER	[PMMOResult_HSDPA_WBTS] M5000C205
XW0RQ1LDMM2AICSD002U AXYBDK	M5000C206	NUMBER	[PMMOResult_HSDPA_WBTS] M5000C206
XW0RQ1NDMM2AICSD002U AXYBDK	M5000C207	NUMBER	[PMMOResult_HSDPA_WBTS] M5000C207
XW0RQ1PDMM2AICSD002U AXYBDK	M5000C208	NUMBER	[PMMOResult_HSDPA_WBTS] M5000C208
XW0RQ1RDMM2AICSD002U AXYBDK	M5000C209	NUMBER	[PMMOResult_HSDPA_WBTS] M5000C209
XW0RQ1TDMM2AICSD002U AXYBDK	M5000C210	NUMBER	[PMMOResult_HSDPA_WBTS] M5000C210
XW0RQ1VDMM2AICSD002U AXYBDK	M5000C211	NUMBER	[PMMOResult_HSDPA_WBTS] M5000C211

7.8.206NOK_WCEL_RLCRETX_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
CELL_ID		VARCHAR2(50)	[PMMOResult_RCPM_RLC_WCEL] WBTS & "/" & CELLID

RADIO_CONNECTION_TYPE_ID		VARCHAR2(100)	[PMMOResult_RCPM_RLC_WCEL] TR_CLASS
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
XJVHE06DMM2AICSD002UAXYBDK	M1026C44	NUMBER	[PMMOResult_RCPM_RLC_WCEL] M1026C44
XJVHE0BDMM2AICSD002UAXYBDK	M1026C45	NUMBER	[PMMOResult_RCPM_RLC_WCEL] M1026C45
XJVHE0DDMM2AICSD002UAXYBDK	M1026C46	NUMBER	[PMMOResult_RCPM_RLC_WCEL] M1026C46
XJVHE0FDMM2AICSD002UAXYBDK	M1026C47	NUMBER	[PMMOResult_RCPM_RLC_WCEL] M1026C47
XJVHE0HDMM2AICSD002UAXYBDK	M1026C48	NUMBER	[PMMOResult_RCPM_RLC_WCEL] M1026C48
XJVHE0JDMM2AICSD002UAXYBDK	M1026C49	NUMBER	[PMMOResult_RCPM_RLC_WCEL] M1026C49

7.8.207NOK_WCEL_USRTHRPT_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
CELL_ID		VARCHAR2(50)	[PMMOResult_RCPM_RLC_WCEL] WBTS & "/" & CELLID
RADIO_CONNECTION_TYPE_ID		VARCHAR2(100)	[PMMOResult_RCPM_RLC_WCEL] TR_CLASS
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
XJVHDYLDMM2AICSD002UAXYBDK	M1026C34	NUMBER	[PMMOResult_RCPM_RLC_WCEL] M1026C34
XJVHDYNDMM2AICSD002UAXYBDK	M1026C35	NUMBER	[PMMOResult_RCPM_RLC_WCEL] M1026C35

This edition applies to IBM® Tivoli® Netcool® Performance Manager for Wireless and to all subsequent releases and modifications until otherwise indicated in new editions.

XJVHDYPDMM2AICSD002UAXYBDK	M1026C36	NUMBER	[PMMOResult_RCPM_RLC_WCEL] M1026C36
XJVHDYRDMM2AICSD002UAXYBDK	M1026C37	NUMBER	[PMMOResult_RCPM_RLC_WCEL] M1026C37
XJVHDYTDMM2AICSD002UAXYBDK	M1026C38	NUMBER	[PMMOResult_RCPM_RLC_WCEL] M1026C38
XJVHDYVDMM2AICSD002UAXYBDK	M1026C39	NUMBER	[PMMOResult_RCPM_RLC_WCEL] M1026C39
XJVHDYXDMM2AICSD002UAXYBDK	M1026C40	NUMBER	[PMMOResult_RCPM_RLC_WCEL] M1026C40
XJVHE00DMM2AICSD002UAXYBDK	M1026C41	NUMBER	[PMMOResult_RCPM_RLC_WCEL] M1026C41
XJVHE02DMM2AICSD002UAXYBDK	M1026C42	NUMBER	[PMMOResult_RCPM_RLC_WCEL] M1026C42
XJVHE04DMM2AICSD002UAXYBDK	M1026C43	NUMBER	[PMMOResult_RCPM_RLC_WCEL] M1026C43
XJVHE0LDMM2AICSD002UAXYBDK	M1026C50	NUMBER	[PMMOResult_RCPM_RLC_WCEL] M1026C50
XJVHE0NDMM2AICSD002UAXYBDK	M1026C51	NUMBER	[PMMOResult_RCPM_RLC_WCEL] M1026C51
XJVHE0PDMM2AICSD002UAXYBDK	M1026C52	NUMBER	[PMMOResult_RCPM_RLC_WCEL] M1026C52
XJVHE0RDMM2AICSD002UAXYBDK	M1026C53	NUMBER	[PMMOResult_RCPM_RLC_WCEL] M1026C53
XJVHE0TDMM2AICSD002UAXYBDK	M1026C54	NUMBER	[PMMOResult_RCPM_RLC_WCEL] M1026C54
XJVHE0VDMM2AICSD002UAXYBDK	M1026C55	NUMBER	[PMMOResult_RCPM_RLC_WCEL] M1026C55
XJVHE0XDMM2AICSD002UAXYBDK	M1026C56	NUMBER	[PMMOResult_RCPM_RLC_WCEL] M1026C56
XJVHE10DMM2AICSD002UAXYBDK	M1026C57	NUMBER	[PMMOResult_RCPM_RLC_WCEL] M1026C57

7.8.208NOK_WCELOLPCMEAS_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping

CELL_ID		VARCHAR2(50)	[PMMOResult_RCPM_OLPC_WCEL] WBTS & "/" & CELLID
RADIO_CONNECTION_TYPE_ID		VARCHAR2(100)	[PMMOResult_RCPM_OLPC_WCEL] TR_CLASS
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
XJVHDTXDMM2AICSD002UAXYBDK	M1024C0	NUMBER	[PMMOResult_RCPM_OLPC_WCEL] M1024C0
XJVHDU0DMM2AICSD002UAXYBDK	M1024C1	NUMBER	[PMMOResult_RCPM_OLPC_WCEL] M1024C1
XJVHDU2DMM2AICSD002UAXYBDK	M1024C2	FLOAT	[PMMOResult_RCPM_OLPC_WCEL] M1024C2
XJVHDU4DMM2AICSD002UAXYBDK	M1024C3	NUMBER	[PMMOResult_RCPM_OLPC_WCEL] M1024C3
XJVHDU6DMM2AICSD002UAXYBDK	M1024C4	NUMBER	[PMMOResult_RCPM_OLPC_WCEL] M1024C4
XJVHDUBDMM2AICSD002UAXYBDK	M1024C5	NUMBER	[PMMOResult_RCPM_OLPC_WCEL] M1024C5
XJVHDUDDMM2AICSD002UAXYBDK	M1024C6	FLOAT	[PMMOResult_RCPM_OLPC_WCEL] M1024C6
XJVHDUFDMM2AICSD002UAXYBDK	M1024C7	NUMBER	[PMMOResult_RCPM_OLPC_WCEL] M1024C7
XJVHDUHDMM2AICSD002UAXYBDK	M1024C8	FLOAT	[PMMOResult_RCPM_OLPC_WCEL] M1024C8
XJVHDUJDMM2AICSD002UAXYBDK	M1024C9	NUMBER	[PMMOResult_RCPM_OLPC_WCEL] M1024C9
XJVHDULDMM2AICSD002UAXYBDK	M1024C10	FLOAT	[PMMOResult_RCPM_OLPC_WCEL] M1024C10
XJVHDUNDMM2AICSD002UAXYBDK	M1024C11	NUMBER	[PMMOResult_RCPM_OLPC_WCEL] M1024C11

This edition applies to IBM® Tivoli® Netcool® Performance Manager for Wireless and to all subsequent releases and modifications until otherwise indicated in new editions.

XJVHDUPDMM2AICSD002UAXYBDK	M1024C12	NUMBER	[PMMOResult_RCPM_OLPC_WCEL] M1024C12
XJVHDURDMM2AICSD002UAXYBDK	M1024C13	NUMBER	[PMMOResult_RCPM_OLPC_WCEL] M1024C13
XJVHDUTDMM2AICSD002UAXYBDK	M1024C14	NUMBER	[PMMOResult_RCPM_OLPC_WCEL] M1024C14
XJVHDUVDMM2AICSD002UAXYBDK	M1024C15	NUMBER	[PMMOResult_RCPM_OLPC_WCEL] M1024C15
XJVHDUXDMM2AICSD002UAXYBDK	M1024C16	NUMBER	[PMMOResult_RCPM_OLPC_WCEL] M1024C16
XJVHDV0DMM2AICSD002UAXYBDK	M1024C17	NUMBER	[PMMOResult_RCPM_OLPC_WCEL] M1024C17
XJVHDV2DMM2AICSD002UAXYBDK	M1024C18	NUMBER	[PMMOResult_RCPM_OLPC_WCEL] M1024C18
XJVHDV4DMM2AICSD002UAXYBDK	M1024C19	NUMBER	[PMMOResult_RCPM_OLPC_WCEL] M1024C19

7.8.209NOK_WCELRLCMEAS_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
CELL_ID		VARCHAR2(50)	[PMMOResult_RCPM_RLC_WCEL] WBTS & "/" & CELLID
RADIO_CONNECTION_TYPE_ID		VARCHAR2(100)	[PMMOResult_RCPM_RLC_WCEL] TR_CLASS
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
XJVHDWHDMM2AICSD002UAXYBDK	M1026C0	NUMBER	[PMMOResult_RCPM_RLC_WCEL] M1026C0
XJVHDWJDMM2AICSD002UAXYBDK	M1026C1	NUMBER	[PMMOResult_RCPM_RLC_WCEL] M1026C1
XJVHDWLDMM2AICSD002UAXYBDK	M1026C2	NUMBER	[PMMOResult_RCPM_RLC_WCEL] M1026C2
XJVHDWNDMM2AICSD002UAXYBDK	M1026C3	NUMBER	[PMMOResult_RCPM_RLC_WCEL] M1026C3

XJVHDWPDMM2AICSD002U AXYBDK	M1026C4	NUMBER	[PMMOResult_RCPM_RLC_ WCEL] M1026C4
XJVHDWRDMM2AICSD002U AXYBDK	M1026C5	FLOAT	[PMMOResult_RCPM_RLC_ WCEL] M1026C5
XJVHDWTDMM2AICSD002U AXYBDK	M1026C6	NUMBER	[PMMOResult_RCPM_RLC_ WCEL] M1026C6
XJVHDWVDMM2AICSD002U AXYBDK	M1026C7	FLOAT	[PMMOResult_RCPM_RLC_ WCEL] M1026C7
XJVHDWXDMM2AICSD002U AXYBDK	M1026C8	NUMBER	[PMMOResult_RCPM_RLC_ WCEL] M1026C8
XJVHDX0DMM2AICSD002U AXYBDK	M1026C9	NUMBER	[PMMOResult_RCPM_RLC_ WCEL] M1026C9
XJVHDX2DMM2AICSD002U AXYBDK	M1026C10	NUMBER	[PMMOResult_RCPM_RLC_ WCEL] M1026C10
XJVHDX4DMM2AICSD002U AXYBDK	M1026C11	NUMBER	[PMMOResult_RCPM_RLC_ WCEL] M1026C11
XJVHDX6DMM2AICSD002U AXYBDK	M1026C12	FLOAT	[PMMOResult_RCPM_RLC_ WCEL] M1026C12
XJVHDXBDMM2AICSD002U AXYBDK	M1026C13	FLOAT	[PMMOResult_RCPM_RLC_ WCEL] M1026C13
XJVHDXDDMM2AICSD002U AXYBDK	M1026C14	NUMBER	[PMMOResult_RCPM_RLC_ WCEL] M1026C14
XJVHDXFDMM2AICSD002U AXYBDK	M1026C15	FLOAT	[PMMOResult_RCPM_RLC_ WCEL] M1026C15
XJVHDXHDMM2AICSD002U AXYBDK	M1026C16	FLOAT	[PMMOResult_RCPM_RLC_ WCEL] M1026C16
XJVHDXJDMM2AICSD002U AXYBDK	M1026C17	NUMBER	[PMMOResult_RCPM_RLC_ WCEL] M1026C17
XJVHDXLDMM2AICSD002U AXYBDK	M1026C18	FLOAT	[PMMOResult_RCPM_RLC_ WCEL] M1026C18
XJVHDXNDMM2AICSD002U	M1026C19	FLOAT	[PMMOResult_RCPM_RLC_

This edition applies to IBM® Tivoli® Netcool® Performance Manager for Wireless and to all subsequent releases and modifications until otherwise indicated in new editions.

AXYBDK			WCEL] M1026C19
XJVHDXPDMM2AICSD002U AXYBDK	M1026C20	FLOAT	[PMMOResult_RCPM_RLC_ WCEL] M1026C20
XJVHDXRDMM2AICSD002U AXYBDK	M1026C21	NUMBER	[PMMOResult_RCPM_RLC_ WCEL] M1026C21
XJVHDXTDMM2AICSD002U AXYBDK	M1026C22	FLOAT	[PMMOResult_RCPM_RLC_ WCEL] M1026C22
XJVHDXVDMM2AICSD002U AXYBDK	M1026C23	FLOAT	[PMMOResult_RCPM_RLC_ WCEL] M1026C23
XJVHDXXDMM2AICSD002U AXYBDK	M1026C24	NUMBER	[PMMOResult_RCPM_RLC_ WCEL] M1026C24
XJVHDY0DMM2AICSD002U AXYBDK	M1026C25	NUMBER	[PMMOResult_RCPM_RLC_ WCEL] M1026C25
XJVHDY2DMM2AICSD002U AXYBDK	M1026C26	NUMBER	[PMMOResult_RCPM_RLC_ WCEL] M1026C26
XJVHDY4DMM2AICSD002U AXYBDK	M1026C27	NUMBER	[PMMOResult_RCPM_RLC_ WCEL] M1026C27
XJVHDY6DMM2AICSD002U AXYBDK	M1026C28	NUMBER	[PMMOResult_RCPM_RLC_ WCEL] M1026C28
XJVHDYBDMM2AICSD002U AXYBDK	M1026C29	NUMBER	[PMMOResult_RCPM_RLC_ WCEL] M1026C29
XJVHDYDDMM2AICSD002U AXYBDK	M1026C30	NUMBER	[PMMOResult_RCPM_RLC_ WCEL] M1026C30
XJVHDYFDMM2AICSD002U AXYBDK	M1026C31	NUMBER	[PMMOResult_RCPM_RLC_ WCEL] M1026C31
XJVHDYHDMM2AICSD002U AXYBDK	M1026C32	NUMBER	[PMMOResult_RCPM_RLC_ WCEL] M1026C32
XJVHDYJDMM2AICSD002U AXYBDK	M1026C33	NUMBER	[PMMOResult_RCPM_RLC_ WCEL] M1026C33

7.9 Raw Computer_Unit Tables

7.9.1 NOK_NKCU_AAL5CHR_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
COMPUTER_UNIT_ID		VARCHA	[PMMOResult_AAL5MeaChor

		R2(50)	us] RNC & "/" & UNIT_TYPE & "/" & UNIT_INDEX
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
SFAPWK2AHL26SECCB00HW01QK4	UTOPIAE	NUMBER	[PMMOResult_AAL5MeaChorus] M549C0
SFBO1YLAHL26SECCB00HW01QK4	MIC_COUNT	NUMBER	[PMMOResult_AAL5MeaChorus] M549C1
SFCN4YLAHL26SECCB00HW01QK4	TX_PDU	NUMBER	[PMMOResult_AAL5MeaChorus] M549C2
SFDLTTDAHL26SECCB00HW01QK4	TX_SIZE	NUMBER	[PMMOResult_AAL5MeaChorus] M549C3
SFEJPPHAHL26SECCB00HW01QK4	RX_PDU	NUMBER	[PMMOResult_AAL5MeaChorus] M549C4
SFFEXIXAHL26SECCB00HW01QK4	RX_SIZE	NUMBER	[PMMOResult_AAL5MeaChorus] M549C5
SFGEHY6AHL26SECCB00HW01QK4	RX_ERROR	NUMBER	[PMMOResult_AAL5MeaChorus] M549C6
SFHBD3TAHL26SECCB00HW01QK4	BUSY_COUNT	NUMBER	[PMMOResult_AAL5MeaChorus] M549C7
SFIAJC2AHL26SECCB00HW01QK4	ABRITE_COUNT	NUMBER	[PMMOResult_AAL5MeaChorus] M549C8
SFJ5PHLAHL26SECCB00HW01QK4	LNE_COUNT	NUMBER	[PMMOResult_AAL5MeaChorus] M549C9
SFK3O42AHL26SECCB00HW01QK4	CRC32E_COUNT	NUMBER	[PMMOResult_AAL5MeaChorus] M549C10

7.9.2 NOK_NKCU_AAL5DMX_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
COMPUTER_UNIT_ID		VARCHA	[PMMOResult_AAL5MeaDM

This edition applies to IBM® Tivoli® Netcool® Performance Manager for Wireless and to all subsequent releases and modifications until otherwise indicated in new editions.

		R2(50)	X] RNC & "/" & UNIT_TYPE & "/" & UNIT_INDEX
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
SFL1W5LAHL26SECCB00HW01QK4	CELL_TX_CNT	NUMBER	[PMMOResult_AAL5MeaDMX] M547C0
SFLY0M6AHL26SECCB00HW01QK4	CELL_RX_CNT	NUMBER	[PMMOResult_AAL5MeaDMX] M547C1
SFMVIYDAHL26SECCB00HW01QK4	CELL_DISCARD_CNT	NUMBER	[PMMOResult_AAL5MeaDMX] M547C2
SFNSCE2AHL26SECCB00HW01QK4	AAL5_PDU_DISCARD_CNT	NUMBER	[PMMOResult_AAL5MeaDMX] M547C3
SFOQNATAHL26SECCB00HW01QK4	INVALID_FIELDS	NUMBER	[PMMOResult_AAL5MeaDMX] M547C4
SFPNAIDAHL26SECCB00HW01QK4	INCORRECT_FIELDS	NUMBER	[PMMOResult_AAL5MeaDMX] M547C5
SFQMTQXAHL26SECCB00HW01QK4	RSM_TIMER_EXP	NUMBER	[PMMOResult_AAL5MeaDMX] M547C6

7.9.3 NOK_NKCU_ATMPF_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
COMPUTER_UNIT_ID		VARCHAR2(50)	[PMMOResult_ATM_layer_perf] RNC & "/" & UNIT_TYPE & "/" & UNIT_INDEX
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
SFRKX5DAHL26SECCB00HW01QK4	I_CLP0_DROP	NUMBER	[PMMOResult_ATM_layer_perf] M528C16
SFSIPCHAHL26SECCB00HW01QK4	I_CLP1_DROP	NUMBER	[PMMOResult_ATM_layer_perf] M528C2
SFTM552AHL26SECCB00HW01QK4	I_EPD_DROP	NUMBER	[PMMOResult_ATM_layer_perf] M528C4
SFULOKTAHL26SECCB00H	I_PPD_DROP	NUMBER	[PMMOResult_ATM_layer_p

W01QK4			erf] M528C3
SFVK5BXAHL26SECCB00HW01QK4	I_FRAMES_EPD_DROP	NUMBER	[PMMOResult_ATM_layer_perf] M528C5
SFWKQO6AHL26SECCB00HW01QK4	I_TRANSMIT_TO_FABRIC	NUMBER	[PMMOResult_ATM_layer_perf] M528C17
SFXHR5PAHL26SECCB00HW01QK4	I_TAGGED	NUMBER	[PMMOResult_ATM_layer_perf] M528C18
SFYF5Q2AHL26SECCB00HW01QK4	I_POLICING_DROP	NUMBER	[PMMOResult_ATM_layer_perf] M528C19
SG0BYXXAHL26SECCB00HW01QK4	I_ERR_BRAM	NUMBER	[PMMOResult_ATM_layer_perf] M528C20
SG1AUY6AHL26SECCB00HW01QK4	I_UTOPIA_ERR	NUMBER	[PMMOResult_ATM_layer_perf] M528C21
SG25J6DAHL26SECCB00HW01QK4	I_ERR_CRC	NUMBER	[PMMOResult_ATM_layer_perf] M528C22
SG34N4DAHL26SECCB00HW01QK4	I_ERR_HEADER	NUMBER	[PMMOResult_ATM_layer_perf] M528C23
SG4FS3PAHL26SECCB00HW01QK4	E_CLP0_DROP	NUMBER	[PMMOResult_ATM_layer_perf] M528C24
SG5ECOPAHL26SECCB00HW01QK4	E_CLP1_DROP	NUMBER	[PMMOResult_ATM_layer_perf] M528C8
SG663EXAHL26SECCB00HW01QK4	E_EPD_DROP	NUMBER	[PMMOResult_ATM_layer_perf] M528C10
SGA1FXDAHL26SECCB00HW01QK4	E_PPD_DROP	NUMBER	[PMMOResult_ATM_layer_perf] M528C9
SGAWO42AHL26SECCB00HW01QK4	F_FRAMES_FPD_DROP	NUMBER	[PMMOResult_ATM_layer_perf] M528C11
SGBS50DAHL26SECCB00HW01QK4	E_TRANSMIT_TO_PHY	NUMBER	[PMMOResult_ATM_layer_perf] M528C25
SGCMW5TAHL26SECCB00HW01QK4	E_ERR_BRAM	NUMBER	[PMMOResult_ATM_layer_perf] M528C26

This edition applies to IBM® Tivoli® Netcool® Performance Manager for Wireless and to all subsequent releases and modifications until otherwise indicated in new editions.

SGDHXSTAHL26SECCB00HW01QK4	E_RCV_FROM_FI	NUMBER	[PMMOResult_ATM_layer_perf] M528C27
SGEFUHXAHL26SECCB00HW01QK4	E_ERR_FI	NUMBER	[PMMOResult_ATM_layer_perf] M528C28
SGFEYTPAHL26SECCB00HW01QK4	E_ERR_LOOKUP	NUMBER	[PMMOResult_ATM_layer_perf] M528C29

7.9.4 NOK_NKCU_AVAIL_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
COMPUTER_UNIT_ID		VARCHAR2(50)	[PMMOResult_Availability] RNC & "/" & UNIT_TYPE & "/" & UNIT_INDEX
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
SGGECVDAHL26SECCB00HW01QK4	UNIT_RESTART	NUMBER	[PMMOResult_Availability] M608C0
SGHEKPHAHL26SECCB00HW01QK4	ADMIN_RESTARTS	NUMBER	[PMMOResult_Availability] M608C1
SGIDL6HAHL26SECCB00HW01QK4	DUPLEX_RESTARTS	NUMBER	[PMMOResult_Availability] M608C2
SGJBL4LAHL26SECCB00HW01QK4	DUPLEX_DISCONNECT_TIME	NUMBER	[PMMOResult_Availability] M608C3
SGK6QNTAHL26SECCB00HW01QK4	DISCONNECT_TIME	NUMBER	[PMMOResult_Availability] M608C4
SGL65XPAHL26SECCB00HW01QK4	FAMILY_RESTARTS	NUMBER	[PMMOResult_Availability] M608C5

7.9.5 NOK_NKCU_TCP_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
COMPUTER_UNIT_ID		VARCHAR2(50)	[PMMOResult_TCPIP_Meas] RNC & "/" & UNIT_TYPE & "/" & UNIT_INDEX
TSTAMP		DATE	
INSTANCE_ID		NUMBER	

SLH2R1DAHL26SECCB00HW01QK4	TCPS_CONNATTEMPT	NUMBER	[PMMOResult_TCPIP_Meas] M563C100
SLI2U46AHL26SECCB00HW01QK4	TCPS_ACCEPTS	NUMBER	[PMMOResult_TCPIP_Meas] M563C101
SLJ1FUPAHL26SECCB00HW01QK4	TCPS_CONNECTS	NUMBER	[PMMOResult_TCPIP_Meas] M563C102
SLK2S0XAHL26SECCB00HW01QK4	TCPS_CLOSED	NUMBER	[PMMOResult_TCPIP_Meas] M563C103
SLL1G42AHL26SECCB00HW01QK4	TCPS_DROPS	NUMBER	[PMMOResult_TCPIP_Meas] M563C104
SLM1JB6AHL26SECCB00HW01QK4	TCPS_CONNDROPS	NUMBER	[PMMOResult_TCPIP_Meas] M563C105
SLN5QTHAHL26SECCB00HW01QK4	TCPS_RTTUPDATED	NUMBER	[PMMOResult_TCPIP_Meas] M563C106
SLOCNXDAHL26SECCB00HW01QK4	TCPS_SEGSTIMED	NUMBER	[PMMOResult_TCPIP_Meas] M563C107
SLPC21HAHL26SECCB00HW01QK4	TCPS_REXMTTIMEO	NUMBER	[PMMOResult_TCPIP_Meas] M563C108
SLQCAH2AHL26SECCB00HW01QK4	TCPS_TIMEOUTDROP	NUMBER	[PMMOResult_TCPIP_Meas] M563C109
SLRCF5HAHL26SECCB00HW01QK4	TCPS_PERSISTTIMEO	NUMBER	[PMMOResult_TCPIP_Meas] M563C110
SLSD42LAHL26SECCB00HW01QK4	TCPS_KEEPTIMEO	NUMBER	[PMMOResult_TCPIP_Meas] M563C111
SLTEEDDAHL26SECCB00HW01QK4	TCPS_KEEPPROBE	NUMBER	[PMMOResult_TCPIP_Meas] M563C112
SLUCU4LAHL26SECCB00HW01QK4	TCPS_KEEPDROPS	NUMBER	[PMMOResult_TCPIP_Meas] M563C113
SLVCLD6AHL26SECCB00HW01QK4	TCPS_PREDACK	NUMBER	[PMMOResult_TCPIP_Meas] M563C114
SLWCCJHAHL26SECCB00H	TCPS_PREDDAT	NUMBER	[PMMOResult_TCPIP_Meas

This edition applies to IBM® Tivoli® Netcool® Performance Manager for Wireless and to all subsequent releases and modifications until otherwise indicated in new editions.

W01QK4			] M563C115
SLXCL1PAHL26SECCB00HW01QK4	TCPS_PCBHASHMISS	NUMBER	[PMMOResult_TCPIP_Meas] M563C116
SLYCDCPAHL26SECCB00HW01QK4	TCPS_NOPORT	NUMBER	[PMMOResult_TCPIP_Meas] M563C117
SM0BMVDAHL26SECCB00HW01QK4	TCPS_BADSYN	NUMBER	[PMMOResult_TCPIP_Meas] M563C118
SM16FJ2AHL26SECCB00HW01QK4	TCPS_SC_ADDED	NUMBER	[PMMOResult_TCPIP_Meas] M563C119
SM2BHY2AHL26SECCB00HW01QK4	TCPS_SC_COLLISIONS	NUMBER	[PMMOResult_TCPIP_Meas] M563C120
SM3CCDXAHL26SECCB00HW01QK4	TCPS_SC_COMPLETED	NUMBER	[PMMOResult_TCPIP_Meas] M563C121
SM4C6DTAHL26SECCB00HW01QK4	TCPS_SC_ABORTED	NUMBER	[PMMOResult_TCPIP_Meas] M563C122
SM5CMRDAHL26SECCB00HW01QK4	TCPS_SC_TIMED_OUT	NUMBER	[PMMOResult_TCPIP_Meas] M563C123
SM6AMQ2AHL26SECCB00HW01QK4	TCPS_SC_OVERFLOWED	NUMBER	[PMMOResult_TCPIP_Meas] M563C124
SMA51NXAHL26SECCB00HW01QK4	TCPS_SC_BUCKETOVERFLOW	NUMBER	[PMMOResult_TCPIP_Meas] M563C125
SMB51ADAHL26SECCB00HW01QK4	TCPS_SC_RESET	NUMBER	[PMMOResult_TCPIP_Meas] M563C126
SMC5RP2AHL26SECCB00HW01QK4	TCPS_SC_UNREACH	NUMBER	[PMMOResult_TCPIP_Meas] M563C127
SMD6C0PAHL26SECCB00HW01QK4	TCPS_SC_DUPESYN	NUMBER	[PMMOResult_TCPIP_Meas] M563C128
SME3LYPAHL26SECCB00HW01QK4	TCPS_SC_DROPPED	NUMBER	[PMMOResult_TCPIP_Meas] M563C129
SMF1UPHAHL26SECCB00HW01QK4	TCPS_SC_RETRANSMITTED	NUMBER	[PMMOResult_TCPIP_Meas] M563C130
SMG3GWHAHL26SECCB00HW01QK4	TCPS_SNDTOTAL	NUMBER	[PMMOResult_TCPIP_Meas] M563C67
SMH3WV6AHL26SECCB00HW01QK4	TCPS_SNDPACK	NUMBER	[PMMOResult_TCPIP_Meas] M563C68

SMI4M16AHL26SECCB00H W01QK4	TCPS_SNDBYTE	NUMBER	[PMMOResult_TCPIP_Meas] M563C69
SMJ21NXAHL26SECCB00H W01QK4	TCPS_SNDREXMITPA CK	NUMBER	[PMMOResult_TCPIP_Meas] M563C70
SMK013HAHL26SECCB00H W01QK4	TCPS_SNDREXMITBY TE	NUMBER	[PMMOResult_TCPIP_Meas] M563C71
SML0AIDAHL26SECCB00H W01QK4	TCPS_SNDACKS	NUMBER	[PMMOResult_TCPIP_Meas] M563C72
SMM0Y4XAHL26SECCB00H W01QK4	TCPS_DELACK	NUMBER	[PMMOResult_TCPIP_Meas] M563C73
SMN5S3XAHL26SECCB00H W01QK4	TCPS_SNDURG	NUMBER	[PMMOResult_TCPIP_Meas] M563C74
SMO5OAPAHL26SECCB00H W01QK4	TCPS_SNDPROBE	NUMBER	[PMMOResult_TCPIP_Meas] M563C75
SMP6HC2AHL26SECCB00H W01QK4	TCPS_SNDWINUP	NUMBER	[PMMOResult_TCPIP_Meas] M563C76
SMQA0XPAHL26SECCB00H W01QK4	TCPS_SNDCTRL	NUMBER	[PMMOResult_TCPIP_Meas] M563C77
SMRARIXAHL26SECCB00H W01QK4	TCPS_RCVTOTAL	NUMBER	[PMMOResult_TCPIP_Meas] M563C78
SMSB342AHL26SECCB00H W01QK4	TCPS_RCVACKPACK	NUMBER	[PMMOResult_TCPIP_Meas] M563C79
SMUCGCPAHL26SECCB00H W01QK4	TCPS_RCVACKBYTE	NUMBER	[PMMOResult_TCPIP_Meas] M563C80
SMVDPOLAHL26SECCB00H W01QK4	TCPS_RCVDUPACK	NUMBER	[PMMOResult_TCPIP_Meas] M563C81
SMWEXJ2AHL26SECCB00H W01QK4	TCPS_RCVACKTOOM UCH	NUMBER	[PMMOResult_TCPIP_Meas] M563C82
SMXFFVTAHL26SECCB00H W01QK4	TCPS_RCVPACK	NUMBER	[PMMOResult_TCPIP_Meas] M563C83
SMYGT1DAHL26SECCB00H	TCPS_RCVBYTE	NUMBER	[PMMOResult_TCPIP_Meas

This edition applies to IBM® Tivoli® Netcool® Performance Manager for Wireless and to all subsequent releases and modifications until otherwise indicated in new editions.

W01QK4			] M563C84
SN0EWC2AHL26SECCB00H W01QK4	TCPS_RCVDUPPACK	NUMBER	[PMMOResult_TCPIP_Meas] M563C85
SN1G3VTAHL26SECCB00H W01QK4	TCPS_RCVDUPBYTE	NUMBER	[PMMOResult_TCPIP_Meas] M563C86
SN2EKAPAHL26SECCB00H W01QK4	TCPS_PAWSDROP	NUMBER	[PMMOResult_TCPIP_Meas] M563C87
SN3CYP6AHL26SECCB00H W01QK4	TCPS_RCVPARTDUPP ACK	NUMBER	[PMMOResult_TCPIP_Meas] M563C88
SN4DLV2AHL26SECCB00H W01QK4	TCPS_RCVPARTDUPB YTE	NUMBER	[PMMOResult_TCPIP_Meas] M563C89
SN5B3NLAHL26SECCB00H W01QK4	TCPS_RCVOOPACK	NUMBER	[PMMOResult_TCPIP_Meas] M563C90
SN6ABYLAHL26SECCB00H W01QK4	TCPS_RCVOOBYTE	NUMBER	[PMMOResult_TCPIP_Meas] M563C91
SNAARA6AHL26SECCB00H W01QK4	TCPS_RCVPACKAFTE RWIN	NUMBER	[PMMOResult_TCPIP_Meas] M563C92
SNCBU3PAHL26SECCB00H W01QK4	TCPS_RCVBYTEAFTE RWIN	NUMBER	[PMMOResult_TCPIP_Meas] M563C93
SNDCSODAHL26SECCB00H W01QK4	TCPS_RCVWINPROBE	NUMBER	[PMMOResult_TCPIP_Meas] M563C94
SNEBHMXAHL26SECCB00 HW01QK4	TCPS_RCVWINUPD	NUMBER	[PMMOResult_TCPIP_Meas] M563C95
SNFDGH2AHL26SECCB00H W01QK4	TCPS_RCVAFTERCLO SE	NUMBER	[PMMOResult_TCPIP_Meas] M563C96
SNGEBXTAHL26SECCB00H W01QK4	TCPS_RCVBADSUM	NUMBER	[PMMOResult_TCPIP_Meas] M563C97
SNHFSJPAHL26SECCB00H W01QK4	TCPS_RCVBADOFF	NUMBER	[PMMOResult_TCPIP_Meas] M563C98
SNIFWS2AHL26SECCB00H W01QK4	TCPS_RCVSHORT	NUMBER	[PMMOResult_TCPIP_Meas] M563C99

7.9.6 NOK_NKCU_TCPASSOC_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping

COMPUTER_UNIT_ID		VARCHAR2(50)	[PMMOResult_TCPIP_Meas] RNC & "/" & UNIT_TYPE & "/" & UNIT_INDEX
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
XPVF0CXDMM2AICSD002UAXYBDK	M563C236	NUMBER	[PMMOResult_TCPIP_Meas] M563C236
XPVF0D0DMM2AICSD002UAXYBDK	M563C237	NUMBER	[PMMOResult_TCPIP_Meas] M563C237
XPVF0D2DMM2AICSD002UAXYBDK	M563C238	NUMBER	[PMMOResult_TCPIP_Meas] M563C238
XPVF0D4DMM2AICSD002UAXYBDK	M563C239	NUMBER	[PMMOResult_TCPIP_Meas] M563C239
XPVF0D6DMM2AICSD002UAXYBDK	M563C240	NUMBER	[PMMOResult_TCPIP_Meas] M563C240
XPVF0DBDMM2AICSD002UAXYBDK	M563C241	NUMBER	[PMMOResult_TCPIP_Meas] M563C241
XPVF0DDDMM2AICSD002UAXYBDK	M563C242	NUMBER	[PMMOResult_TCPIP_Meas] M563C242
XPVF0DFDMM2AICSD002UAXYBDK	M563C243	NUMBER	[PMMOResult_TCPIP_Meas] M563C243

7.9.7 NOK_NKCU_TCPICMP4_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
COMPUTER_UNIT_ID		VARCHAR2(50)	[PMMOResult_TCPIP_Meas] RNC & "/" & UNIT_TYPE & "/" & UNIT_INDEX
TSTAMP		DATE	
INSTANCE_ID		NUMBER	

This edition applies to IBM® Tivoli® Netcool® Performance Manager for Wireless and to all subsequent releases and modifications until otherwise indicated in new editions.

SGM2WWHAHL26SECCB00HW01QK4	ICPS_ERROR	NUMBER	[PMMOResult_TCPIP_Meas] M563C30
SGN0J46AHL26SECCB00HW01QK4	ICPS_OLDICMP	NUMBER	[PMMOResult_TCPIP_Meas] M563C31
SGNYHPDAHL26SECCB00HW01QK4	ICPS_INECHOREPLY	NUMBER	[PMMOResult_TCPIP_Meas] M563C32
SGOW2G6AHL26SECCB00HW01QK4	ICPS_INUNREACH	NUMBER	[PMMOResult_TCPIP_Meas] M563C33
SGPSILXAHL26SECCB00HW01QK4	ICPS_INSOURCEQUENCH	NUMBER	[PMMOResult_TCPIP_Meas] M563C34
SGQPUTHAHL26SECCB00HW01QK4	ICPS_INREDIRECT	NUMBER	[PMMOResult_TCPIP_Meas] M563C35
SGROUMXAHL26SECCB00HW01QK4	ICPS_INECHO	NUMBER	[PMMOResult_TCPIP_Meas] M563C36
SGSN1R6AHL26SECCB00HW01QK4	ICPS_INROUTERADVERT	NUMBER	[PMMOResult_TCPIP_Meas] M563C37
SGTMTVDAHL26SECCB00HW01QK4	ICPS_INROUTERSOLICIT	NUMBER	[PMMOResult_TCPIP_Meas] M563C38
SGUM25TAHL26SECCB00HW01QK4	ICPS_INTIMXCEED	NUMBER	[PMMOResult_TCPIP_Meas] M563C39
SGVJMMLAHL26SECCB00HW01QK4	ICPS_INPARAMPROB	NUMBER	[PMMOResult_TCPIP_Meas] M563C40
SGWHSQ6AHL26SECCB00HW01QK4	ICPS_INTSTAMP	NUMBER	[PMMOResult_TCPIP_Meas] M563C41
SGXFJHDAHL26SECCB00HW01QK4	ICPS_INTSTAMPREPLY	NUMBER	[PMMOResult_TCPIP_Meas] M563C42
SGYDJ66AHL26SECCB00HW01QK4	ICPS_INIREQ	NUMBER	[PMMOResult_TCPIP_Meas] M563C43
SH0BCYHAHL26SECCB00HW01QK4	ICPS_INIREQREPLY	NUMBER	[PMMOResult_TCPIP_Meas] M563C44
SH16W4LAHL26SECCB00HW01QK4	ICPS_INMASKREQ	NUMBER	[PMMOResult_TCPIP_Meas] M563C45
SH26FMXAHL26SECCB00HW01QK4	ICPS_INMASKREPLY	NUMBER	[PMMOResult_TCPIP_Meas] M563C46
SH33Q2LAHL26SECCB00H	ICPS_BADCODE	NUMBER	[PMMOResult_TCPIP_Mea

W01QK4			s] M563C47
SH422V2AHL26SECCB00HW01QK4	ICPS_TOOSHORT	NUMBER	[PMMOResult_TCPIP_Meas] M563C48
SH52606AHL26SECCB00HW01QK4	ICPS_CHECKSUM	NUMBER	[PMMOResult_TCPIP_Meas] M563C49
SH61F3LAHL26SECCB00HW01QK4	ICPS_BADLEN	NUMBER	[PMMOResult_TCPIP_Meas] M563C50
SH6XP1XAHL26SECCB00HW01QK4	ICPS_OUTECHOREPLY	NUMBER	[PMMOResult_TCPIP_Meas] M563C51
SHAURNPAHL26SECCB00HW01QK4	ICPS_OUTUNREACH	NUMBER	[PMMOResult_TCPIP_Meas] M563C52
SHBUH4LAHL26SECCB00HW01QK4	ICPS_OUTSOURCEQUENCH	NUMBER	[PMMOResult_TCPIP_Meas] M563C53
SHCSYMXAHL26SECCB00HW01QK4	ICPS_OUTREDIRECT	NUMBER	[PMMOResult_TCPIP_Meas] M563C54
SHDS5APAHL26SECCB00HW01QK4	ICPS_OUTECHO	NUMBER	[PMMOResult_TCPIP_Meas] M563C55
SHERXQ2AHL26SECCB00HW01QK4	ICPS_OUTROUTERADVERT	NUMBER	[PMMOResult_TCPIP_Meas] M563C56
SHFQWKDAHL26SECCB00HW01QK4	ICPS_OUTROUTERSOLICIT	NUMBER	[PMMOResult_TCPIP_Meas] M563C57
SHGUPM6AHL26SECCB00HW01QK4	ICPS_OUTTIMXCEED	NUMBER	[PMMOResult_TCPIP_Meas] M563C58
SHHTH16AHL26SECCB00HW01QK4	ICPS_OUTPARAMPROB	NUMBER	[PMMOResult_TCPIP_Meas] M563C59
SHITMWHAHL26SECCB00HW01QK4	ICPS_OUTTSTAMP	NUMBER	[PMMOResult_TCPIP_Meas] M563C60
SHJSU36AHL26SECCB00HW01QK4	ICPS_OUTTSTAMPREPLY	NUMBER	[PMMOResult_TCPIP_Meas] M563C61
SHKSRMXAHL26SECCB00HW01QK4	ICPS_OUTIREQ	NUMBER	[PMMOResult_TCPIP_Meas] M563C62

This edition applies to IBM® Tivoli® Netcool® Performance Manager for Wireless and to all subsequent releases and modifications until otherwise indicated in new editions.

SHLY0CPAHL26SECCB00HW01QK4	ICPS_OUTIREQREPLY	NUMBER	[PMMOResult_TCPIP_Meas] M563C63
SHMXIRHAHL26SECCB00HW01QK4	ICPS_OUTMASKREQ	NUMBER	[PMMOResult_TCPIP_Meas] M563C64
SHNWJMPAHL26SECCB00HW01QK4	ICPS_OUTMASKREPLY	NUMBER	[PMMOResult_TCPIP_Meas] M563C65
SHOVW4PAHL26SECCB00HW01QK4	ICPS_REFLECT	NUMBER	[PMMOResult_TCPIP_Meas] M563C66

7.9.8 NOK_NKCU_TCPICMP6_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
COMPUTER_UNIT_ID		VARCHAR2(50)	[PMMOResult_TCPIP_Meas] RNC & "/" & UNIT_TYPE & "/" & UNIT_INDEX
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
SHPUNMDAHL26SECCB00HW01QK4	ICP6S_ERROR	NUMBER	[PMMOResult_TCPIP_Meas] M563C170
SHQRQBLAHL26SECCB00HW01QK4	ICP6S_CANTERROR	NUMBER	[PMMOResult_TCPIP_Meas] M563C171
SHRQ6YPAHL26SECCB00HW01QK4	ICP6S_TOOFREQ	NUMBER	[PMMOResult_TCPIP_Meas] M563C172
SHSPW62AHL26SECCB00HW01QK4	ICP6S_OUTDSTUNREACH	NUMBER	[PMMOResult_TCPIP_Meas] M563C173
SHTO63PAHL26SECCB00HW01QK4	ICP6S_OUTPKTTOOBIG	NUMBER	[PMMOResult_TCPIP_Meas] M563C174
SHUO5D6AHL26SECCB00HW01QK4	ICP6S_OUTTIMEEXCEED	NUMBER	[PMMOResult_TCPIP_Meas] M563C175
SHVO6NTAHL26SECCB00HW01QK4	ICP6S_OUTPARAMPROB	NUMBER	[PMMOResult_TCPIP_Meas] M563C176
SHWMVO6AHL26SECCB00HW01QK4	ICP6S_OUTECHO	NUMBER	[PMMOResult_TCPIP_Meas] M563C177
SHXNENPAHL26SECCB00H	ICP6S_OUTECHOREPLY	NUMBER	[PMMOResult_TCPIP_M

W01QK4			eas] M563C178
SHYNCIHAHL26SECCB00H W01QK4	ICP6S_OUTMLDQUERY	NUMBER	[PMMOResult_TCPIP_M eas] M563C179
SI0N3TXAHL26SECCB00H W01QK4	ICP6S_OUTMLDREPORT	NUMBER	[PMMOResult_TCPIP_M eas] M563C180
SI1MFSLAHL26SECCB00H W01QK4	ICP6S_OUTMLDDONE	NUMBER	[PMMOResult_TCPIP_M eas] M563C181
SI2L4TDAHL26SECCB00HW 01QK4	ICP6S_OUTROUTERSOL ICIT	NUMBER	[PMMOResult_TCPIP_M eas] M563C182
SI3LQUTAHL26SECCB00H W01QK4	ICP6S_OUTROUTERAD VERT	NUMBER	[PMMOResult_TCPIP_M eas] M563C183
SI4MMPLAHL26SECCB00H W01QK4	ICP6S_OUTNEIGHBORS OLICIT	NUMBER	[PMMOResult_TCPIP_M eas] M563C184
SI5L252AHL26SECCB00HW 01QK4	ICP6S_OUTNEIGHBORA DVERT	NUMBER	[PMMOResult_TCPIP_M eas] M563C185
SI6LTUTAHL26SECCB00H W01QK4	ICP6S_OUTREDIRECT	NUMBER	[PMMOResult_TCPIP_M eas] M563C186
SIAKUE6AHL26SECCB00H W01QK4	ICP6S_OUTROUTERREN UMBER	NUMBER	[PMMOResult_TCPIP_M eas] M563C187
SIBKOBDAHL26SECCB00H W01QK4	ICP6S_OUTNIQUERY	NUMBER	[PMMOResult_TCPIP_M eas] M563C188
SICHXT6AHL26SECCB00H W01QK4	ICP6S_OUTNIREPLY	NUMBER	[PMMOResult_TCPIP_M eas] M563C189
SIDGGRXAHL26SECCB00H W01QK4	ICP6S_BADCODE	NUMBER	[PMMOResult_TCPIP_M eas] M563C190
SIEEGWXAHL26SECCB00H W01QK4	ICP6S_TOOSHORT	NUMBER	[PMMOResult_TCPIP_M eas] M563C191
SIFBACPAHL26SECCB00H W01QK4	ICP6S_CHECKSUM	NUMBER	[PMMOResult_TCPIP_M eas] M563C192
SIG6CODAHL26SECCB00H W01QK4	ICP6S_BADLEN	NUMBER	[PMMOResult_TCPIP_M eas] M563C193

This edition applies to IBM® Tivoli® Netcool® Performance Manager for Wireless and to all subsequent releases and modifications until otherwise indicated in new editions.

SIH4SDLAHL26SECCB00HW01QK4	ICP6S_REFLECT	NUMBER	[PMMOResult_TCPIP_Meas] M563C194
SII4YYTAHL26SECCB00HW01QK4	ICP6S_INDSTUNREACH	NUMBER	[PMMOResult_TCPIP_Meas] M563C195
SIJ2ORDAHL26SECCB00HW01QK4	ICP6S_INPKTTOOBIG	NUMBER	[PMMOResult_TCPIP_Meas] M563C196
SIK1142AHL26SECCB00HW01QK4	ICP6S_INTIMEEXCEED	NUMBER	[PMMOResult_TCPIP_Meas] M563C197
SIKXUSHAHL26SECCB00HW01QK4	ICP6S_INPARAMPROB	NUMBER	[PMMOResult_TCPIP_Meas] M563C198
SILYNLPAHL26SECCB00HW01QK4	ICP6S_INECHO	NUMBER	[PMMOResult_TCPIP_Meas] M563C199
SIMYH3DAHL26SECCB00HW01QK4	ICP6S_INECHOREPLY	NUMBER	[PMMOResult_TCPIP_Meas] M563C200
SIO0BF2AHL26SECCB00HW01QK4	ICP6S_INMLDQUERY	NUMBER	[PMMOResult_TCPIP_Meas] M563C201
SIOYTLXAHL26SECCB00HW01QK4	ICP6S_INMLDREPORT	NUMBER	[PMMOResult_TCPIP_Meas] M563C202
SIPWFCHAHL26SECCB00HW01QK4	ICP6S_INMLDDONE	NUMBER	[PMMOResult_TCPIP_Meas] M563C203
SIR00K6AHL26SECCB00HW01QK4	ICP6S_INROUTERSOLICIT	NUMBER	[PMMOResult_TCPIP_Meas] M563C204
SIRVQ12AHL26SECCB00HW01QK4	ICP6S_INROUTERADVERT	NUMBER	[PMMOResult_TCPIP_Meas] M563C205
SISVSCPAHL26SECCB00HW01QK4	ICP6S_INNEIGHBORSOLICIT	NUMBER	[PMMOResult_TCPIP_Meas] M563C206
SITV4T6AHL26SECCB00HW01QK4	ICP6S_INNEIGHBORADVERT	NUMBER	[PMMOResult_TCPIP_Meas] M563C207
SIUUDEHAHL26SECCB00HW01QK4	ICP6S_INREDIRECT	NUMBER	[PMMOResult_TCPIP_Meas] M563C208
SIVTLN6AHL26SECCB00HW01QK4	ICP6S_INROUTERRENUMBER	NUMBER	[PMMOResult_TCPIP_Meas] M563C209
SIWRV56AHL26SECCB00HW01QK4	ICP6S_INNIQUERY	NUMBER	[PMMOResult_TCPIP_Meas] M563C210
SIXSCOTAHL26SECCB00H	ICP6S_INNIREPLY	NUMBER	[PMMOResult_TCPIP_M

W01QK4			eas] M563C211
SIYPADHAHL26SECCB00H W01QK4	ICP6S_DSTUNREACHN OROUTE	NUMBER	[PMMOResult_TCPIP_M eas] M563C212
SJ0P1YXAHL26SECCB00H W01QK4	ICP6S_DSTUNREACHA DMIN	NUMBER	[PMMOResult_TCPIP_M eas] M563C213
SJ1ONV2AHL26SECCB00H W01QK4	ICP6S_DSTUNREACHBE YONDSCOPE	NUMBER	[PMMOResult_TCPIP_M eas] M563C214
SJ2NRFDAHL26SECCB00H W01QK4	ICP6S_DSTUNREACHA DDR	NUMBER	[PMMOResult_TCPIP_M eas] M563C215
SJ3QWPDAHL26SECCB00H W01QK4	ICP6S_DSTUNREACHN OPORT	NUMBER	[PMMOResult_TCPIP_M eas] M563C216
SJ4QVOXAHL26SECCB00H W01QK4	ICP6S_PACKETTOOBIG	NUMBER	[PMMOResult_TCPIP_M eas] M563C217
SJ5R4PXAHL26SECCB00HW 01QK4	ICP6S_TIMEEXCEEDTR ANSIT	NUMBER	[PMMOResult_TCPIP_M eas] M563C218
SJ6R2BDAHL26SECCB00H W01QK4	ICP6S_TIMEEXCEEDRE ASSEMBLY	NUMBER	[PMMOResult_TCPIP_M eas] M563C219
SJAVTJDAHL26SECCB00H W01QK4	ICP6S_PARAMPROBHE ADER	NUMBER	[PMMOResult_TCPIP_M eas] M563C220
SJBWLATAHL26SECCB00H W01QK4	ICP6S_PARAMPROBNE XTHEADER	NUMBER	[PMMOResult_TCPIP_M eas] M563C221
SJCWQ2XAHL26SECCB00H W01QK4	ICP6S_PARAMPROBOPT ION	NUMBER	[PMMOResult_TCPIP_M eas] M563C222
SJDWKKLAHL26SECCB00H W01QK4	ICP6S_REDIRECT	NUMBER	[PMMOResult_TCPIP_M eas] M563C223
SJEWJXXAHL26SECCB00H W01QK4	ICP6S_UNKNOWN	NUMBER	[PMMOResult_TCPIP_M eas] M563C224
SJFWKDDAHL26SECCB00H W01QK4	ICP6S_ND_TOOMANYO PT	NUMBER	[PMMOResult_TCPIP_M eas] M563C225

This edition applies to IBM® Tivoli® Netcool® Performance Manager for Wireless and to all subsequent releases and modifications until otherwise indicated in new editions.

7.9.9 NOK_NKCU_TCPIP4_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
COMPUTER_UNIT_ID		VARCHAR2(50)	[PMMOResult_TCPIP_Meas] RNC & "/" & UNIT_TYPE & "/" & UNIT_INDEX
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
SJGX5C6AHL26SECCB00HW01QK4	IPS_TOTAL	NUMBER	[PMMOResult_TCPIP_Meas] M563C0
SJIX0ULAHL26SECCB00HW01QK4	IPS_BADSUM	NUMBER	[PMMOResult_TCPIP_Meas] M563C1
SJJVAKXAHL26SECCB00HW01QK4	IPS_FRAGDROPPED	NUMBER	[PMMOResult_TCPIP_Meas] M563C10
SJKSHWTAHL26SECCB00HW01QK4	IPS_FRAGTIMEOUT	NUMBER	[PMMOResult_TCPIP_Meas] M563C11
SJLSUDTAHL26SECCB00HW01QK4	IPS_RCVMEMDROP	NUMBER	[PMMOResult_TCPIP_Meas] M563C12
SJMQDJPAHL26SECCB00HW01QK4	IPS_BADFRAGS	NUMBER	[PMMOResult_TCPIP_Meas] M563C13
SJNR43LAHL26SECCB00HW01QK4	IPS_REASSEMBLED	NUMBER	[PMMOResult_TCPIP_Meas] M563C14
SJOOYC6AHL26SECCB00HW01QK4	IPS_DELIVERED	NUMBER	[PMMOResult_TCPIP_Meas] M563C15
SJQPMKLAHL26SECCB00HW01QK4	IPS_NOPROTO	NUMBER	[PMMOResult_TCPIP_Meas] M563C16
SJRQASTAHL26SECCB00HW01QK4	IPS_FORWARD	NUMBER	[PMMOResult_TCPIP_Meas] M563C17
SJSPEYXAHL26SECCB00HW01QK4	IPS_CANTFORWARD	NUMBER	[PMMOResult_TCPIP_Meas] M563C18
SJTP6APAHL26SECCB00HW01QK4	IPS_REDIRECTSENT	NUMBER	[PMMOResult_TCPIP_Meas] M563C19
SJUPBSPAHL26SECCB00HW01QK4	IPS_TOOSMALL	NUMBER	[PMMOResult_TCPIP_Meas] M563C2
SJVNX2XAHL26SECCB00HW01QK4	IPS_LOCALOUT	NUMBER	[PMMOResult_TCPIP_Meas] M563C20

SJWNI4XAHL26SECCB00HW01QK4	IPS_RAWOUT	NUMBER	[PMMOResult_TCPIP_Meas]M563C21
SJXKLHTAHL26SECCB00HW01QK4	IPS_ODROPPED	NUMBER	[PMMOResult_TCPIP_Meas]M563C22
SJYKX6LAHL26SECCB00HW01QK4	IPS_NOROUTE	NUMBER	[PMMOResult_TCPIP_Meas]M563C23
SK0KWUHAHL26SECCB00HW01QK4	IPS_FRAGMENTED	NUMBER	[PMMOResult_TCPIP_Meas]M563C24
SK1LD6LAHL26SECCB00HW01QK4	IPS_OFRAGMENTS	NUMBER	[PMMOResult_TCPIP_Meas]M563C25
SK2MK4XAHL26SECCB00HW01QK4	IPS_FASTFORWARD	NUMBER	[PMMOResult_TCPIP_Meas]M563C26
SK3KY4HAHL26SECCB00HW01QK4	IPS_CANTFRAG	NUMBER	[PMMOResult_TCPIP_Meas]M563C27
SK4KNQHAHL26SECCB00HW01QK4	IPS_NOGIF	NUMBER	[PMMOResult_TCPIP_Meas]M563C28
SK5I026AHL26SECCB00HW01QK4	IPS_BADADDR	NUMBER	[PMMOResult_TCPIP_Meas]M563C29
SK6F0MXAHL26SECCB00HW01QK4	IPS_TOOSHORT	NUMBER	[PMMOResult_TCPIP_Meas]M563C3
SKADIPHAHL26SECCB00HW01QK4	IPS_TOOLONG	NUMBER	[PMMOResult_TCPIP_Meas]M563C4
SKBDJ2HAHL26SECCB00HW01QK4	IPS_BADHLEN	NUMBER	[PMMOResult_TCPIP_Meas]M563C5
SKCDSS6AHL26SECCB00HW01QK4	IPS_BADLEN	NUMBER	[PMMOResult_TCPIP_Meas]M563C6
SKDCMI2AHL26SECCB00HW01QK4	IPS_BADOPTIONS	NUMBER	[PMMOResult_TCPIP_Meas]M563C7
SKECGW2AHL26SECCB00HW01QK4	IPS_BADVERS	NUMBER	[PMMOResult_TCPIP_Meas]M563C8
SKFDGLXAHL26SECCB00H	IPS_FRAGMENTS	NUMBER	[PMMOResult_TCPIP_Meas]

This edition applies to IBM® Tivoli® Netcool® Performance Manager for Wireless and to all subsequent releases and modifications until otherwise indicated in new editions.

W01QK4			M563C9

7.9.10 NOK_NKCU_TCPIP6_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
COMPUTER_UNIT_ID		VARCHAR2(50)	[PMMOResult_TCPIP_Meas] RNC & "/" & UNIT_TYPE & "/" & UNIT_INDEX
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
SKGE5JPAHL26SECCB00HW01QK4	IP6S_TOTAL	NUMBER	[PMMOResult_TCPIP_Meas] M563C140
SKIEQXDAHL26SECCB00HW01QK4	IP6S_TOOSHORT	NUMBER	[PMMOResult_TCPIP_Meas] M563C141
SKJF62XAHL26SECCB00HW01QK4	IP6S_TOOSMALL	NUMBER	[PMMOResult_TCPIP_Meas] M563C142
SKKG432AHL26SECCB00HW01QK4	IP6S_BADOPTIONS	NUMBER	[PMMOResult_TCPIP_Meas] M563C143
SKLEERPAHL26SECCB00HW01QK4	IP6S_BADVERS	NUMBER	[PMMOResult_TCPIP_Meas] M563C144
SKMFULTAHL26SECCB00HW01QK4	IP6S_FRAGMENTS	NUMBER	[PMMOResult_TCPIP_Meas] M563C145
SKNG1MHAHL26SECCB00HW01QK4	IP6S_FRAGDROPPED	NUMBER	[PMMOResult_TCPIP_Meas] M563C146
SKOG13DAHL26SECCB00HW01QK4	IP6S_FRAGTIMEOUT	NUMBER	[PMMOResult_TCPIP_Meas] M563C147
SKPFW2PAHL26SECCB00HW01QK4	IP6S_FRAGOVERFLOW	NUMBER	[PMMOResult_TCPIP_Meas] M563C148
SKQG63LAHL26SECCB00HW01QK4	IP6S_REASSEMBLED	NUMBER	[PMMOResult_TCPIP_Meas] M563C149
SKRG5VTAHL26SECCB00HW01QK4	IP6S_DELIVERED	NUMBER	[PMMOResult_TCPIP_Meas] M563C150
SKTGYGXAHL26SECCB00HW01QK4	IP6S_FORWARD	NUMBER	[PMMOResult_TCPIP_Meas] M563C151
SKUP0X2AHL26SECCB00H	IP6S_CANTFORWARD	NUMBER	[PMMOResult_TCPIP_Meas

W01QK4			] M563C152
SKVOEQHAHL26SECCB00HW01QK4	IP6S_REDIRECTSEND	NUMBER	[PMMOResult_TCPIP_Meas] M563C153
SKWOYGLAHL26SECCB00HW01QK4	IP6S_LOCALOUT	NUMBER	[PMMOResult_TCPIP_Meas] M563C154
SKXOY5LAHL26SECCB00HW01QK4	IP6S_RAWOUT	NUMBER	[PMMOResult_TCPIP_Meas] M563C155
SKYND1PAHL26SECCB00HW01QK4	IP6S_ODROPPED	NUMBER	[PMMOResult_TCPIP_Meas] M563C156
SL0NCN2AHL26SECCB00HW01QK4	IP6S_NOROUTE	NUMBER	[PMMOResult_TCPIP_Meas] M563C157
SL21R6DAHL26SECCB00HW01QK4	IP6S_FRAGMENTED	NUMBER	[PMMOResult_TCPIP_Meas] M563C158
SL30C5HAHL26SECCB00HW01QK4	IP6S_OFRAGMENTS	NUMBER	[PMMOResult_TCPIP_Meas] M563C159
SL4115PAHL26SECCB00HW01QK4	IP6S_CANTFRAG	NUMBER	[PMMOResult_TCPIP_Meas] M563C160
SL4YFGPAHL26SECCB00HW01QK4	IP6S_BADSCOPE	NUMBER	[PMMOResult_TCPIP_Meas] M563C161
SL60DLTAHL26SECCB00HW01QK4	IP6S_NOTMEMBER	NUMBER	[PMMOResult_TCPIP_Meas] M563C162
SLA02WXAHL26SECCB00HW01QK4	IP6S_M1	NUMBER	[PMMOResult_TCPIP_Meas] M563C163
SLB52I2AHL26SECCB00HW01QK4	IP6S_M2M	NUMBER	[PMMOResult_TCPIP_Meas] M563C164
SLC5DPDAHL26SECCB00HW01QK4	IP6S_MEXT1	NUMBER	[PMMOResult_TCPIP_Meas] M563C165
SLD3V3TAHL26SECCB00HW01QK4	IP6S_MEXT2M	NUMBER	[PMMOResult_TCPIP_Meas] M563C166
SLE4Q1TAHL26SECCB00HW01QK4	IP6S_EXTHDRTOOLONG	NUMBER	[PMMOResult_TCPIP_Meas] M563C167

This edition applies to IBM® Tivoli® Netcool® Performance Manager for Wireless and to all subsequent releases and modifications until otherwise indicated in new editions.

SLF4MQ2AHL26SECCB00HW01QK4	IP6S_NOGIF	NUMBER	[PMMOResult_TCPIP_Meas] M563C168
SLG2RUHAHL26SECCB00HW01QK4	IP6S_TOOMANYHDR	NUMBER	[PMMOResult_TCPIP_Meas] M563C169

7.9.11 NOK_NKCU_TCPSCTP_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
COMPUTER_UNIT_ID		VARCHAR2(50)	[PMMOResult_TCPIP_Meas] RNC & "/" & UNIT_TYPE & "/" & UNIT_INDEX
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
XPVF0DHDMM2AICSD002UAXYBDK	M563C244	NUMBER	[PMMOResult_TCPIP_Meas] M563C244
XPVF0DJDMM2AICSD002UAXYBDK	M563C245	NUMBER	[PMMOResult_TCPIP_Meas] M563C245
XPVF0DLDMM2AICSD002UAXYBDK	M563C246	NUMBER	[PMMOResult_TCPIP_Meas] M563C246
XPVF0DNDMM2AICSD002UAXYBDK	M563C247	NUMBER	[PMMOResult_TCPIP_Meas] M563C247
XPVF0DPDMM2AICSD002UAXYBDK	M563C248	NUMBER	[PMMOResult_TCPIP_Meas] M563C248
XPVF0DRDMM2AICSD002UAXYBDK	M563C249	NUMBER	[PMMOResult_TCPIP_Meas] M563C249
XPVF0DTDMM2AICSD002UAXYBDK	M563C250	NUMBER	[PMMOResult_TCPIP_Meas] M563C250
XPVF0DVDMM2AICSD002UAXYBDK	M563C251	NUMBER	[PMMOResult_TCPIP_Meas] M563C251
XPVF0DXDMM2AICSD002UAXYBDK	M563C252	NUMBER	[PMMOResult_TCPIP_Meas] M563C252
XPVF0E0DMM2AICSD002UAXYBDK	M563C253	NUMBER	[PMMOResult_TCPIP_Meas] M563C253
XPVF0E2DMM2AICSD002UAXYBDK	M563C254	NUMBER	[PMMOResult_TCPIP_Meas] M563C254

XPVF0E4DMM2AICSD002U AXYBDK	M563C255	NUMBER	[PMMOResult_TCPIP_Meas] M563C255
XPVF0E6DMM2AICSD002U AXYBDK	M563C256	NUMBER	[PMMOResult_TCPIP_Meas] M563C256
XPVF0EBDMM2AICSD002U AXYBDK	M563C257	NUMBER	[PMMOResult_TCPIP_Meas] M563C257
XPVF0EDDMM2AICSD002U AXYBDK	M563C258	NUMBER	[PMMOResult_TCPIP_Meas] M563C258
XPVF0EFDMM2AICSD002U AXYBDK	M563C259	NUMBER	[PMMOResult_TCPIP_Meas] M563C259
XPVF0EHDMM2AICSD002U AXYBDK	M563C260	NUMBER	[PMMOResult_TCPIP_Meas] M563C260
XPVF0EJDMM2AICSD002U AXYBDK	M563C261	NUMBER	[PMMOResult_TCPIP_Meas] M563C261
XPVF0ELDMM2AICSD002U AXYBDK	M563C262	NUMBER	[PMMOResult_TCPIP_Meas] M563C262
XPVF0ENDMM2AICSD002U AXYBDK	M563C263	NUMBER	[PMMOResult_TCPIP_Meas] M563C263
XPVF0EPDMM2AICSD002U AXYBDK	M563C264	NUMBER	[PMMOResult_TCPIP_Meas] M563C264
XPVF0ERDMM2AICSD002U AXYBDK	M563C265	NUMBER	[PMMOResult_TCPIP_Meas] M563C265
XPVF0ETDMM2AICSD002U AXYBDK	M563C266	NUMBER	[PMMOResult_TCPIP_Meas] M563C266
XPVF0EVDMM2AICSD002U AXYBDK	M563C267	NUMBER	[PMMOResult_TCPIP_Meas] M563C267
XPVF0EXDMM2AICSD002U AXYBDK	M563C268	NUMBER	[PMMOResult_TCPIP_Meas] M563C268
XPVF0F0DMM2AICSD002U AXYBDK	M563C269	NUMBER	[PMMOResult_TCPIP_Meas] M563C269
XPVF0F2DMM2AICSD002U	M563C270	NUMBER	[PMMOResult_TCPIP_Meas]

This edition applies to IBM® Tivoli® Netcool® Performance Manager for Wireless and to all subsequent releases and modifications until otherwise indicated in new editions.

AXYBDK			M563C270
XPVF0F4DMM2AICSD002U AXYBDK	M563C271	NUMBER	[PMMOResult_TCPIP_Meas] M563C271
XPVF0F6DMM2AICSD002U AXYBDK	M563C272	NUMBER	[PMMOResult_TCPIP_Meas] M563C272

7.9.12 NOK_NKCU_TCPUDP4_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
COMPUTER_UNIT_ID		VARCHAR2(50)	[PMMOResult_TCPIP_Meas] RNC & "/" & UNIT_TYPE & "/" & UNIT_INDEX
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
SNKFLSHAHL26SECCB00HW01QK4	UDPS_IPACKETS	NUMBER	[PMMOResult_TCPIP_Meas] M563C131
SNLF6RLAHL26SECCB00HW01QK4	UDPS_HDROPS	NUMBER	[PMMOResult_TCPIP_Meas] M563C132
SNMMSL2AHL26SECCB00HW01QK4	UDPS_BADLEN	NUMBER	[PMMOResult_TCPIP_Meas] M563C133
SNNNKFPAHL26SECCB00HW01QK4	UDPS_BADSUM	NUMBER	[PMMOResult_TCPIP_Meas] M563C134
SNONW3TAHL26SECCB00HW01QK4	UDPS_NOPORT	NUMBER	[PMMOResult_TCPIP_Meas] M563C135
SNPNNL6AHL26SECCB00HW01QK4	UDPS_NOPORTBCAST	NUMBER	[PMMOResult_TCPIP_Meas] M563C136
SNQMK56AHL26SECCB00HW01QK4	UDPS_FULLSOCK	NUMBER	[PMMOResult_TCPIP_Meas] M563C137
SNRNEBXAHL26SECCB00HW01QK4	UDPS_PCBHASHMISS	NUMBER	[PMMOResult_TCPIP_Meas] M563C138
SNSO2ILAHL26SECCB00HW01QK4	UDPS_OPACKETS	NUMBER	[PMMOResult_TCPIP_Meas] M563C139

7.9.13 NOK_NKCU_TCPUDP6_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping

COMPUTER_UNIT_ID		VARCHAR2(50)	[PMMOResult_TCPIP_Meas] RNC & "/" & UNIT_TYPE & "/" & UNIT_INDEX
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
SNTOIPTAHL26SECCB00HW01QK4	UDP6S_IPACKETS	NUMBER	[PMMOResult_TCPIP_Meas] M563C226
SNUPHU6AHL26SECCB00HW01QK4	UDP6S_HDROPS	NUMBER	[PMMOResult_TCPIP_Meas] M563C227
SNVNVFXAHL26SECCB00HW01QK4	UDP6S_BADLEN	NUMBER	[PMMOResult_TCPIP_Meas] M563C228
SNWNYHLAHL26SECCB00HW01QK4	UDP6S_BADSUM	NUMBER	[PMMOResult_TCPIP_Meas] M563C229
SNXOE0PAHL26SECCB00HW01QK4	UDP6S_NOSUM	NUMBER	[PMMOResult_TCPIP_Meas] M563C230
SNYPKADAHL26SECCB00HW01QK4	UDP6S_NOPORT	NUMBER	[PMMOResult_TCPIP_Meas] M563C231
SO0QWD2AHL26SECCB00HW01QK4	UDP6S_NOPORTMCAST	NUMBER	[PMMOResult_TCPIP_Meas] M563C232
SO1RF0TAHL26SECCB00HW01QK4	UDP6S_FULLSOCK	NUMBER	[PMMOResult_TCPIP_Meas] M563C233
SO2SDA6AHL26SECCB00HW01QK4	UDP6S_PCBCACHEMISS	NUMBER	[PMMOResult_TCPIP_Meas] M563C234
SO3TG4TAHL26SECCB00HW01QK4	UDP6S_OPACKETS	NUMBER	[PMMOResult_TCPIP_Meas] M563C235

7.9.14 NOK_NKCU_ULOAD_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
COMPUTER_UNIT_ID		VARCHAR2(50)	[PMMOResult_Unit_Load] RNC & "/" & UNIT_TYPE & "/" & UNIT_INDEX

This edition applies to IBM® Tivoli® Netcool® Performance Manager for Wireless and to all subsequent releases and modifications until otherwise indicated in new editions.

TSTAMP		DATE	
INSTANCE_ID		NUMBER	
SO4UR4LAHL26SECCB00HW01QK4	AVERAGE_LOAD	FLOAT	[PMMOResult_Unit_Load] M592C0
SO5W1HLAHL26SECCB00HW01QK4	PEAK_LOAD	FLOAT	[PMMOResult_Unit_Load] M592C1
SO6XDSTAHL26SECCB00HW01QK4	PEAK_LOAD_DATE	NUMBER	[PMMOResult_Unit_Load] M592C2
SOAWJSHAHL26SECCB00HW01QK4	PEAK_LOAD_TIME	NUMBER	[PMMOResult_Unit_Load] M592C3

7.9.15 NOK_NKRNC_DSPLOAD_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
COMPUTER_UNIT_ID		VARCHAR2(50)	[PMMOResult_DSP_Load] RNC & "/" & UNIT_TYPE & "/" & UNIT_INDEX
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
XW0RPRRDMM2AICSD002UAXYBDK	M617C0	NUMBER	[PMMOResult_DSP_Load] M617C0
XW0RPRTDMM2AICSD002UAXYBDK	M617C1	FLOAT	[PMMOResult_DSP_Load] M617C1
XW0RPRVDMM2AICSD002UAXYBDK	M617C2	FLOAT	[PMMOResult_DSP_Load] M617C2
XW0RPRXDMM2AICSD002UAXYBDK	M617C3	FLOAT	[PMMOResult_DSP_Load] M617C3
XW0RPS0DMM2AICSD002UAXYBDK	M617C4	NUMBER	[PMMOResult_DSP_Load] M617C4
XW0RPS2DMM2AICSD002UAXYBDK	M617C5	FLOAT	[PMMOResult_DSP_Load] M617C5
XW0RPS4DMM2AICSD002UAXYBDK	M617C6	NUMBER	[PMMOResult_DSP_Load] M617C6
XW0RPS6DMM2AICSD002UAXYBDK	M617C7	NUMBER	[PMMOResult_DSP_Load] M617C7

XW0RPSBDMM2AICSD002UAXYBDK	M617C8	FLOAT	[PMMOResult_DSP_Load] M617C8
XW0RPSDDMM2AICSD002UAXYBDK	M617C9	NUMBER	[PMMOResult_DSP_Load] M617C9
XW0RPSFDMM2AICSD002UAXYBDK	M617C10	FLOAT	[PMMOResult_DSP_Load] M617C10
XW0RPSHDMM2AICSD002UAXYBDK	M617C11	FLOAT	[PMMOResult_DSP_Load] M617C11
XW0RPSJDMM2AICSD002UAXYBDK	M617C12	FLOAT	[PMMOResult_DSP_Load] M617C12
XW0RPSLDMM2AICSD002UAXYBDK	M617C13	NUMBER	[PMMOResult_DSP_Load] M617C13
XW0RPSNDMM2AICSD002UAXYBDK	M617C14	FLOAT	[PMMOResult_DSP_Load] M617C14
XW0RPSPDMM2AICSD002UAXYBDK	M617C15	FLOAT	[PMMOResult_DSP_Load] M617C15
XW0RPSRDMM2AICSD002UAXYBDK	M617C16	FLOAT	[PMMOResult_DSP_Load] M617C16
XW0RPSTDMM2AICSD002UAXYBDK	M617C17	NUMBER	[PMMOResult_DSP_Load] M617C17
XW0RPSVDMM2AICSD002UAXYBDK	M617C18	FLOAT	[PMMOResult_DSP_Load] M617C18
XW0RPSXDMM2AICSD002UAXYBDK	M617C19	FLOAT	[PMMOResult_DSP_Load] M617C19

7.9.16 NOK_NKRNC_DSPSTCH_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
COMPUTER_UNIT_ID		VARCHAR2(50)	[PMMOResult_DSP_State_Changes] RNC & "/" & UNIT_TYPE & "/" & UNIT_INDEX

This edition applies to IBM® Tivoli® Netcool® Performance Manager for Wireless and to all subsequent releases and modifications until otherwise indicated in new editions.

TSTAMP		DATE	
INSTANCE_ID		NUMBER	
XW0RPR2DMM2AICSD002UAXYBDK	M612C0	NUMBER	[PMMOResult_DSP_State_Changes] M612C0
XW0RPR4DMM2AICSD002UAXYBDK	M612C1	NUMBER	[PMMOResult_DSP_State_Changes] M612C1

7.10 Raw DSP_Pool Tables

7.10.1 NOK_NKRNC_DSPRESUTIL_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
DSP_POOL_ID		VARCHAR2(50)	[PMMOResult_DSP_Resource_Utilization] RNC & "/" & DSP_Pool
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
XW0RPR6DMM2AICSD002UAXYBDK	M615C0	FLOAT	[PMMOResult_DSP_Resource_Utilization] M615C0
XW0RPRBDMM2AICSD002UAXYBDK	M615C1	FLOAT	[PMMOResult_DSP_Resource_Utilization] M615C1
XW0RPRDDMM2AICSD002UAXYBDK	M615C2	NUMBER	[PMMOResult_DSP_Resource_Utilization] M615C2
XW0RPRFDMM2AICSD002UAXYBDK	M615C3	NUMBER	[PMMOResult_DSP_Resource_Utilization] M615C3
XW0RPRHDMM2AICSD002UAXYBDK	M615C4	NUMBER	[PMMOResult_DSP_Resource_Utilization] M615C4
XW0RPRJDMM2AICSD002UAXYBDK	M615C5	NUMBER	[PMMOResult_DSP_Resource_Utilization] M615C5
XW0RPRLDMM2AICSD002UAXYBDK	M615C6	NUMBER	[PMMOResult_DSP_Resource_Utilization] M615C6
XW0RPRNDMM2AICSD002UAXYBDK	M615C7	NUMBER	[PMMOResult_DSP_Resource_Utilization] M615C7
XW0RPRPDMM2AICSD002UAXYBDK	M615C8	NUMBER	[PMMOResult_DSP_Resource_Utilization] M615C8

7.11 Raw Ethernet_IF Tables

7.11.1 NOK_NKETH_IFPERF_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
ETHERNET_IF_ID		VARCHAR2(50)	[PMMOResult_Ethernet_Interface_Perf] RNC & "/" & UNIT_TYPE & "/" & UNIT_INDEX & "/" & ETH_IF
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
XPVF0FBDMM2AICSD002UAXYBDK	M564C0	NUMBER	[PMMOResult_Ethernet_Interface_Perf] M564C0
XPVF0FDDMM2AICSD002UAXYBDK	M564C1	NUMBER	[PMMOResult_Ethernet_Interface_Perf] M564C1
XPVF0FFDMM2AICSD002UAXYBDK	M564C2	NUMBER	[PMMOResult_Ethernet_Interface_Perf] M564C2
XPVF0FHDMM2AICSD002UAXYBDK	M564C3	NUMBER	[PMMOResult_Ethernet_Interface_Perf] M564C3
XPVF0FJDMM2AICSD002UAXYBDK	M564C4	NUMBER	[PMMOResult_Ethernet_Interface_Perf] M564C4
XPVF0FLDMM2AICSD002UAXYBDK	M564C5	NUMBER	[PMMOResult_Ethernet_Interface_Perf] M564C5
XPVF0FNDMM2AICSD002UAXYBDK	M564C6	NUMBER	[PMMOResult_Ethernet_Interface_Perf] M564C6
XPVF0FPDMM2AICSD002UAXYBDK	M564C7	NUMBER	[PMMOResult_Ethernet_Interface_Perf] M564C7
XPVF0FRDMM2AICSD002UAXYBDK	M564C8	NUMBER	[PMMOResult_Ethernet_Interface_Perf] M564C8
XPVF0FTDMM2AICSD002UAXYBDK	M564C9	NUMBER	[PMMOResult_Ethernet_Interface_Perf] M564C9
XPVF0FVDMM2AICSD002U	M564C10	NUMBER	[PMMOResult_Ethernet_Interf

AXYBDK			ace_Perf] M564C10
XPVF0FXDMM2AICSD002U AXYBDK	M564C11	NUMBER	[PMMOResult_Ethernet_Interface_Perf] M564C11
XPVF0G0DMM2AICSD002U AXYBDK	M564C12	NUMBER	[PMMOResult_Ethernet_Interface_Perf] M564C12
XPVF0G2DMM2AICSD002U AXYBDK	M564C13	NUMBER	[PMMOResult_Ethernet_Interface_Perf] M564C13
XPVF0G4DMM2AICSD002U AXYBDK	M564C14	NUMBER	[PMMOResult_Ethernet_Interface_Perf] M564C14
XPVF0G6DMM2AICSD002U AXYBDK	M564C15	NUMBER	[PMMOResult_Ethernet_Interface_Perf] M564C15
XPVF0GBDMM2AICSD002U AXYBDK	M564C16	NUMBER	[PMMOResult_Ethernet_Interface_Perf] M564C16
XPVF0GDDMM2AICSD002U AXYBDK	M564C17	NUMBER	[PMMOResult_Ethernet_Interface_Perf] M564C17
XPVF0GFDMM2AICSD002U AXYBDK	M564C18	NUMBER	[PMMOResult_Ethernet_Interface_Perf] M564C18
XPVF0GHDMM2AICSD002U AXYBDK	M564C19	NUMBER	[PMMOResult_Ethernet_Interface_Perf] M564C19
XPVF0GJDMM2AICSD002U AXYBDK	M564C20	NUMBER	[PMMOResult_Ethernet_Interface_Perf] M564C20
XPVF0GLDMM2AICSD002U AXYBDK	M564C21	NUMBER	[PMMOResult_Ethernet_Interface_Perf] M564C21
XPVF0GNDMM2AICSD002U AXYBDK	M564C22	NUMBER	[PMMOResult_Ethernet_Interface_Perf] M564C22
XPVF0GPDMM2AICSD002U AXYBDK	M564C23	NUMBER	[PMMOResult_Ethernet_Interface_Perf] M564C23
XPVF0GRDMM2AICSD002U AXYBDK	M564C24	NUMBER	[PMMOResult_Ethernet_Interface_Perf] M564C24
XPVF0GTDMM2AICSD002U AXYBDK	M564C25	NUMBER	[PMMOResult_Ethernet_Interface_Perf] M564C25
XPVF0GVDMM2AICSD002U AXYBDK	M564C26	NUMBER	[PMMOResult_Ethernet_Interface_Perf] M564C26
XPVF0GXDMM2AICSD002U AXYBDK	M564C27	NUMBER	[PMMOResult_Ethernet_Interface_Perf] M564C27

XPVF0H0DMM2AICSD002UAXYBDK	M564C28	NUMBER	[PMMOResult_Ethernet_Interface_Perf] M564C28
XPVF0H2DMM2AICSD002UAXYBDK	M564C29	NUMBER	[PMMOResult_Ethernet_Interface_Perf] M564C29
XPVF0H4DMM2AICSD002UAXYBDK	M564C30	NUMBER	[PMMOResult_Ethernet_Interface_Perf] M564C30

7.12 Raw Exchange_Terminal Tables

7.12.1 NOK_CRCMEAS_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
EXCHANGE_TERMINAL_ID		VARCHAR2(50)	[PMMOResult_PDH_Statistics] RNC & "/" & UNIT_TYPE & "/" & UNIT_INDEX
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
XJVHEAJDMM2AICSD002UAXYBDK	M145B2C62	NUMBER	[PMMOResult_PDH_Statistics] M145B2C62
XJVHEALDMM2AICSD002UAXYBDK	M145B2C63	NUMBER	[PMMOResult_PDH_Statistics] M145B2C63
XJVHEANDMM2AICSD002UAXYBDK	M145B2C64	NUMBER	[PMMOResult_PDH_Statistics] M145B2C64
XJVHEAPDMM2AICSD002UAXYBDK	M145B2C65	FLOAT	[PMMOResult_PDH_Statistics] M145B2C65
XJVHEARDMM2AICSD002UAXYBDK	M145B2C66	FLOAT	[PMMOResult_PDH_Statistics] M145B2C66
XJVHEATDMM2AICSD002UAXYBDK	M145B2C67	FLOAT	[PMMOResult_PDH_Statistics] M145B2C67
XJVHEAVDMM2AICSD002UAXYBDK	M145B2C68	FLOAT	[PMMOResult_PDH_Statistics] M145B2C68
XJVHEAXDMM2AICSD002U	M145B2C69	FLOAT	[PMMOResult_PDH_Statistic

AXYBDK			s] M145B2C69
XJVHEB0DMM2AICSD002U AXYBDK	M145B2C70	NUMBER	[PMMOResult_PDH_Statistics] M145B2C70
XJVHEB2DMM2AICSD002U AXYBDK	M145B2C71	NUMBER	[PMMOResult_PDH_Statistics] M145B2C71
XJVHEB4DMM2AICSD002U AXYBDK	M145B2C72	NUMBER	[PMMOResult_PDH_Statistics] M145B2C72
XJVHEB6DMM2AICSD002U AXYBDK	M145B2C73	FLOAT	[PMMOResult_PDH_Statistics] M145B2C73
XJVHEBBDMM2AICSD002U AXYBDK	M145B2C74	FLOAT	[PMMOResult_PDH_Statistics] M145B2C74
XJVHEBDDMM2AICSD002U AXYBDK	M145B2C75	FLOAT	[PMMOResult_PDH_Statistics] M145B2C75
XJVHEBFDMM2AICSD002U AXYBDK	M145B2C76	FLOAT	[PMMOResult_PDH_Statistics] M145B2C76
XJVHEBHDMM2AICSD002U AXYBDK	M145B2C77	FLOAT	[PMMOResult_PDH_Statistics] M145B2C77

7.12.2 NOK_DISTSTATLIM_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
EXCHANGE_TERMINAL_ID		VARCHAR2(50)	[PMMOResult_PDH_Statistics] RNC & "/" & UNIT_TYPE & "/" & UNIT_INDEX
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
XJVHE5BDMM2AICSD002U AXYBDK	M145B2C6	NUMBER	[PMMOResult_PDH_Statistics] M145B2C6
XJVHE5DDMM2AICSD002U AXYBDK	M145B2C7	NUMBER	[PMMOResult_PDH_Statistics] M145B2C7
XJVHE5FDMM2AICSD002U AXYBDK	M145B2C8	NUMBER	[PMMOResult_PDH_Statistics] M145B2C8
XJVHE5HDMM2AICSD002U AXYBDK	M145B2C9	NUMBER	[PMMOResult_PDH_Statistics] M145B2C9
XJVHE5JDMM2AICSD002U	M145B2C10	NUMBER	[PMMOResult_PDH_Statistics

AXYBDK			] M145B2C10
XJVHE5LDMM2AICSD002U AXYBDK	M145B2C11	NUMBER	[PMMOResult_PDH_Statistics] M145B2C11
XJVHE5NDMM2AICSD002U AXYBDK	M145B2C12	NUMBER	[PMMOResult_PDH_Statistics] M145B2C12
XJVHE5PDMM2AICSD002U AXYBDK	M145B2C13	NUMBER	[PMMOResult_PDH_Statistics] M145B2C13
XJVHE5RDMM2AICSD002U AXYBDK	M145B2C14	NUMBER	[PMMOResult_PDH_Statistics] M145B2C14
XJVHE5TDMM2AICSD002U AXYBDK	M145B2C15	NUMBER	[PMMOResult_PDH_Statistics] M145B2C15
XJVHE5VDMM2AICSD002U AXYBDK	M145B2C16	NUMBER	[PMMOResult_PDH_Statistics] M145B2C16
XJVHE5XDMM2AICSD002U AXYBDK	M145B2C17	NUMBER	[PMMOResult_PDH_Statistics] M145B2C17
XJVHE60DMM2AICSD002U AXYBDK	M145B2C18	NUMBER	[PMMOResult_PDH_Statistics] M145B2C18
XJVHE62DMM2AICSD002U AXYBDK	M145B2C19	NUMBER	[PMMOResult_PDH_Statistics] M145B2C19
XJVHE64DMM2AICSD002U AXYBDK	M145B2C20	NUMBER	[PMMOResult_PDH_Statistics] M145B2C20
XJVHE66DMM2AICSD002U AXYBDK	M145B2C21	NUMBER	[PMMOResult_PDH_Statistics] M145B2C21
XJVHE6BDMM2AICSD002U AXYBDK	M145B2C22	NUMBER	[PMMOResult_PDH_Statistics] M145B2C22
XJVHE6DDMM2AICSD002U AXYBDK	M145B2C23	NUMBER	[PMMOResult_PDH_Statistics] M145B2C23
XJVHE6FDMM2AICSD002U AXYBDK	M145B2C24	NUMBER	[PMMOResult_PDH_Statistics] M145B2C24
XJVHE6HDMM2AICSD002U AXYBDK	M145B2C25	NUMBER	[PMMOResult_PDH_Statistics] M145B2C25

This edition applies to IBM® Tivoli® Netcool® Performance Manager for Wireless and to all subsequent releases and modifications until otherwise indicated in new editions.

XJVHE6JDMM2AICSD002UAXYBDK	M145B2C26	NUMBER	[PMMOResult_PDH_Statistics] M145B2C26
XJVHE6LDMM2AICSD002UAXYBDK	M145B2C27	NUMBER	[PMMOResult_PDH_Statistics] M145B2C27
XJVHE6NDMM2AICSD002UAXYBDK	M145B2C28	NUMBER	[PMMOResult_PDH_Statistics] M145B2C28

7.12.3 NOK_FRAMALIGNLOSS_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
EXCHANGE_TERMINAL_ID		VARCHAR2(50)	[PMMOResult_PDH_Statistics] RNC & "/" & UNIT_TYPE & "/" & UNIT_INDEX
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
XJVHE6PDMM2AICSD002UAXYBDK	M145B2C49	NUMBER	[PMMOResult_PDH_Statistics] M145B2C49
XJVHE6RDMM2AICSD002UAXYBDK	M145B2C50	NUMBER	[PMMOResult_PDH_Statistics] M145B2C50
XJVHE6TDMM2AICSD002UAXYBDK	M145B2C51	NUMBER	[PMMOResult_PDH_Statistics] M145B2C51
XJVHE6VDMM2AICSD002UAXYBDK	M145B2C52	NUMBER	[PMMOResult_PDH_Statistics] M145B2C52
XJVHE6XDMM2AICSD002UAXYBDK	M145B2C53	NUMBER	[PMMOResult_PDH_Statistics] M145B2C53
XJVHEA0DMM2AICSD002UAXYBDK	M145B2C54	NUMBER	[PMMOResult_PDH_Statistics] M145B2C54
XJVHEA2DMM2AICSD002UAXYBDK	M145B2C55	NUMBER	[PMMOResult_PDH_Statistics] M145B2C55
XJVHEA4DMM2AICSD002UAXYBDK	M145B2C56	NUMBER	[PMMOResult_PDH_Statistics] M145B2C56
XJVHEA6DMM2AICSD002UAXYBDK	M145B2C57	NUMBER	[PMMOResult_PDH_Statistics] M145B2C57
XJVHEABDMM2AICSD002UAXYBDK	M145B2C58	NUMBER	[PMMOResult_PDH_Statistics] M145B2C58

XJVHEADDMM2AICSD002UAXYBDK	M145B2C59	NUMBER	[PMMOResult_PDH_Statistics] M145B2C59
XJVHEAFDMM2AICSD002UAXYBDK	M145B2C60	NUMBER	[PMMOResult_PDH_Statistics] M145B2C60
XJVHEAHDMM2AICSD002UAXYBDK	M145B2C61	NUMBER	[PMMOResult_PDH_Statistics] M145B2C61

7.12.4 NOK_PDHERRCOD_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
EXCHANGE_TERMINAL_ID		VARCHAR2(50)	[PMMOResult_PDH_Statistics] RNC & "/" & UNIT_TYPE & "/" & UNIT_INDEX
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
XJVHE4XDMM2AICSD002UAXYBDK	M145B2C1	FLOAT	[PMMOResult_PDH_Statistics] M145B2C1
XJVHE50DMM2AICSD002UAXYBDK	M145B2C2	FLOAT	[PMMOResult_PDH_Statistics] M145B2C2
XJVHE52DMM2AICSD002UAXYBDK	M145B2C3	FLOAT	[PMMOResult_PDH_Statistics] M145B2C3
XJVHE54DMM2AICSD002UAXYBDK	M145B2C4	FLOAT	[PMMOResult_PDH_Statistics] M145B2C4
XJVHE56DMM2AICSD002UAXYBDK	M145B2C5	FLOAT	[PMMOResult_PDH_Statistics] M145B2C5

7.13 Raw FTM_AAL2 Tables

7.13.1 NOK_NKCEL_AA2PQUEBTS_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
FTM_AAL2_ID		VARCHA	[PMMOResult_AAL2_Sched_

This edition applies to IBM® Tivoli® Netcool® Performance Manager for Wireless and to all subsequent releases and modifications until otherwise indicated in new editions.

		R2(50)	Perf_BTS] RNC & "/" & WBTS & "/" & FTM & "/" & A2NE & "/" & A2ST & "/" & A2UT
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
Y34UVG4DMM2AICSD002UAXYBDK	M5115C0	NUMBER	[PMMOResult_AAL2_Sched_Perf_BTS] M5115C0
Y34UVG6DMM2AICSD002UAXYBDK	M5115C1	NUMBER	[PMMOResult_AAL2_Sched_Perf_BTS] M5115C1
Y34UVGBDMM2AICSD002UAXYBDK	M5115C2	NUMBER	[PMMOResult_AAL2_Sched_Perf_BTS] M5115C2
Y34UVGDDMM2AICSD002UAXYBDK	M5115C3	NUMBER	[PMMOResult_AAL2_Sched_Perf_BTS] M5115C3
Y34UVGFDMM2AICSD002UAXYBDK	M5115C4	NUMBER	[PMMOResult_AAL2_Sched_Perf_BTS] M5115C4
Y34UVGHDMM2AICSD002UAXYBDK	M5115C5	NUMBER	[PMMOResult_AAL2_Sched_Perf_BTS] M5115C5
Y34UVGJDMM2AICSD002UAXYBDK	M5115C6	NUMBER	[PMMOResult_AAL2_Sched_Perf_BTS] M5115C6
Y34UVGLDMM2AICSD002UAXYBDK	M5115C7	NUMBER	[PMMOResult_AAL2_Sched_Perf_BTS] M5115C7
Y34UVGNDMM2AICSD002UAXYBDK	M5115C8	NUMBER	[PMMOResult_AAL2_Sched_Perf_BTS] M5115C8
Y34UVGPDMM2AICSD002UAXYBDK	M5115C9	NUMBER	[PMMOResult_AAL2_Sched_Perf_BTS] M5115C9
Y34UVGRDMM2AICSD002UAXYBDK	M5115C10	NUMBER	[PMMOResult_AAL2_Sched_Perf_BTS] M5115C10
Y34UVGTDMM2AICSD002UAXYBDK	M5115C11	NUMBER	[PMMOResult_AAL2_Sched_Perf_BTS] M5115C11

7.14 Raw FTM_ATM_IF Tables

7.14.1 NOK_NKFTMATM_IFMEAS_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping

FTM_ATM_IF_ID		VARCHAR2(50)	[PMMOResult_FTM_ATM_if] RNC & "/" & WBTS & "/" & FTM & "/" & TCTT
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
UGPUGV41IM2AHSXR0035XKCUAI	M5105C0	NUMBER	[PMMOResult_FTM_ATM_if] M5105C0
UGPUGV61IM2AHSXR0035XKCUAI	M5105C1	NUMBER	[PMMOResult_FTM_ATM_if] M5105C1
UGPUGVB1IM2AHSXR0035XKCUAI	M5105C2	NUMBER	[PMMOResult_FTM_ATM_if] M5105C2
UGPUGVD1IM2AHSXR0035XKCUAI	M5105C3	NUMBER	[PMMOResult_FTM_ATM_if] M5105C3
UGPUGVF1IM2AHSXR0035XKCUAI	M5105C4	NUMBER	[PMMOResult_FTM_ATM_if] M5105C4
UGPUGVH1IM2AHSXR0035XKCUAI	M5105C5	NUMBER	[PMMOResult_FTM_ATM_if] M5105C5
UGPUGVJ1IM2AHSXR0035XKCUAI	M5105C6	NUMBER	[PMMOResult_FTM_ATM_if] M5105C6
UGPUGVL1IM2AHSXR0035XKCUAI	M5105C7	NUMBER	[PMMOResult_FTM_ATM_if] M5105C7
UGPUGVN1IM2AHSXR0035XKCUAI	M5105C8	NUMBER	[PMMOResult_FTM_ATM_if] M5105C8

7.15 Raw FTM_ATM_VC Tables

7.15.1 NOK_NKIF_MEASATMVC_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
FTM_ATM_VC_ID		VARCHAR2(50)	[PMMOResult_FTM_ATM_VC] RNC & "/" & WBTS & "/" & FTM & "/" & VPTT & "/" & VCCT

This edition applies to IBM® Tivoli® Netcool® Performance Manager for Wireless and to all subsequent releases and modifications until otherwise indicated in new editions.

TSTAMP		DATE	
INSTANCE_ID		NUMBER	
UGPUH4H1IM2AHSXR0035XKCUAI	M5106C0	NUMBER	[PMMOResult_FTM_ATM_VC] M5106C0
UGPUH4J1IM2AHSXR0035XKCUAI	M5106C1	NUMBER	[PMMOResult_FTM_ATM_VC] M5106C1

7.16 Raw FTM_ATM_VP Tables

7.16.1 NOK_NKIF_MEASATMVP_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
FTM_ATM_VP_ID		VARCHAR2(50)	[PMMOResult_FTM_ATM_VP] RNC & "/" & WBTS & "/" & FTM & "/" & TCTT & "/" & VPCT
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
UGPUH4D1IM2AHSXR0035XKCUAI	M5107C0	NUMBER	[PMMOResult_FTM_ATM_VP] M5107C0
UGPUH4F1IM2AHSXR0035XKCUAI	M5107C1	NUMBER	[PMMOResult_FTM_ATM_VP] M5107C1

7.17 Raw FTM_Ethernet_Link Tables

7.17.1 NOK_NKIF_MEASETHER_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
FTM_ETHERLINK_ID		VARCHAR2(50)	[PMMOResult_FTM_ethernet_link] RNC & "/" & WBTS & "/" & FTM & "/" & ETHLK
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
UGPUH3P1IM2AHSXR0035XKCUAI	M5110C0	NUMBER	[PMMOResult_FTM_ethernet_link] M5110C0
UGPUH3R1IM2AHSXR003	M5110C1	NUMBER	[PMMOResult_FTM_ethernet_

5XKCUAI			link] M5110C1
UGPUH3T1IM2AHSXR0035XKCUAI	M5110C2	NUMBER	[PMMOResult_FTM_ethernet_link] M5110C2
UGPUH3V1IM2AHSXR0035XKCUAI	M5110C3	NUMBER	[PMMOResult_FTM_ethernet_link] M5110C3
UGPUH3X1IM2AHSXR0035XKCUAI	M5110C4	NUMBER	[PMMOResult_FTM_ethernet_link] M5110C4
UGPUH401IM2AHSXR0035XKCUAI	M5110C6	NUMBER	[PMMOResult_FTM_ethernet_link] M5110C6
UGPUH421IM2AHSXR0035XKCUAI	M5110C7	NUMBER	[PMMOResult_FTM_ethernet_link] M5110C7
UGPUH441IM2AHSXR0035XKCUAI	M5110C8	NUMBER	[PMMOResult_FTM_ethernet_link] M5110C8
UGPUH461IM2AHSXR0035XKCUAI	M5110C9	NUMBER	[PMMOResult_FTM_ethernet_link] M5110C9
UGPUH4B1IM2AHSXR0035XKCUAI	M5110C10	NUMBER	[PMMOResult_FTM_ethernet_link] M5110C10

7.18 Raw FTM_IP Tables

7.18.1 NOK_NKFTM_TIM_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
FTM_IP_ID		VARCHAR2(50)	[PMMOResult_FTM_Timing_Packet] RNC & "/" & WBTS & "/" & FTM & "/" & IPNO & "/" & TOPIK
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
Y34UVGVDMM2AICSD002UAXYBDK	M5116C0	NUMBER	[PMMOResult_FTM_Timing_Packet] M5116C0
Y34UVGXDMM2AICSD002U	M5116C1	NUMBER	[PMMOResult_FTM_Timing_

This edition applies to IBM® Tivoli® Netcool® Performance Manager for Wireless and to all subsequent releases and modifications until otherwise indicated in new editions.

AXYBDK			Packet] M5116C1
Y34UVH0DMM2AICSD002U AXYBDK	M5116C2	NUMBER	[PMMOResult_FTM_Timing_ Packet] M5116C2
Y34UVH2DMM2AICSD002U AXYBDK	M5116C3	NUMBER	[PMMOResult_FTM_Timing_ Packet] M5116C3
Y34UVH4DMM2AICSD002U AXYBDK	M5116C4	NUMBER	[PMMOResult_FTM_Timing_ Packet] M5116C4

7.18.2 NOK_NKFTMIP_STATS_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
FTM_IP_ID		VARCHAR2(50)	[PMMOResult_FTM_IP_Statistics] RNC & "/" & WBTS & "/" & FTM & "/" & IPNO & "/" & IEIF & "/" & IPPM
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
Y34UVH6DMM2AICSD002U AXYBDK	M5117C0	NUMBER	[PMMOResult_FTM_IP_Statistics] M5117C0
Y34UVHBDMM2AICSD002U AXYBDK	M5117C1	NUMBER	[PMMOResult_FTM_IP_Statistics] M5117C1
Y34UVHDDMM2AICSD002U AXYBDK	M5117C2	NUMBER	[PMMOResult_FTM_IP_Statistics] M5117C2
Y34UVHFDMM2AICSD002U AXYBDK	M5117C3	NUMBER	[PMMOResult_FTM_IP_Statistics] M5117C3
Y34UVHHDMM2AICSD002U AXYBDK	M5117C4	NUMBER	[PMMOResult_FTM_IP_Statistics] M5117C4

7.19 Raw FTM_PDH_IF Tables

7.19.1 NOK_NKFTMPPT_IFMEAS_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
FTM_PDH_IF_ID		VARCHAR2(50)	[PMMOResult_FTM_PDH_if] RNC & "/" & WBTS & "/" & FTM & "/" & PPTT

TSTAMP		DATE	
INSTANCE_ID		NUMBER	
UGPUGUV1IM2AHSXR0035XKCUAI	M5101C0	NUMBER	[PMMOResult_FTM_PDH_if] M5101C0
UGPUGUX1IM2AHSXR0035XKCUAI	M5101C1	NUMBER	[PMMOResult_FTM_PDH_if] M5101C1
UGPUGV01IM2AHSXR0035XKCUAI	M5101C2	NUMBER	[PMMOResult_FTM_PDH_if] M5101C2
UGPUGV21IM2AHSXR0035XKCUAI	M5101C3	NUMBER	[PMMOResult_FTM_PDH_if] M5101C3

7.20 Raw FTM_PHB Tables

7.20.1 NOK_NKFTMPHB_STATS_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
FTM_PHB_ID		VARCHAR2(50)	[PMMOResult_FTM_PHB_Statistics] RNC & "/" & WBTS & "/" & FTM & "/" & IPNO & "/" & IEIF & "/" & PHBPM
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
X4HVYGHDM52AICSD002UAXYBDK	M5118C0	NUMBER	[PMMOResult_FTM_PHB_Statistics] M5118C0
X4HVYGJDM52AICSD002UAXYBDK	M5118C1	NUMBER	[PMMOResult_FTM_PHB_Statistics] M5118C1
X4HVYGLDM52AICSD002UAXYBDK	M5118C2	NUMBER	[PMMOResult_FTM_PHB_Statistics] M5118C2
X4HVYGNDM52AICSD002UAXYBDK	M5118C3	NUMBER	[PMMOResult_FTM_PHB_Statistics] M5118C3
X4HVYGPDM52AICSD002UAXYBDK	M5118C4	NUMBER	[PMMOResult_FTM_PHB_Statistics] M5118C4

X4HVYGRDM52AICSD002UAXYBDK	M5118C5	NUMBER	[PMMOResult_FTM_PHB_Statistics] M5118C5
X4HVYGTDM52AICSD002UAXYBDK	M5118C6	NUMBER	[PMMOResult_FTM_PHB_Statistics] M5118C6
X4HVYGVDM52AICSD002UAXYBDK	M5118C7	NUMBER	[PMMOResult_FTM_PHB_Statistics] M5118C7
X4HVYGXDM52AICSD002UAXYBDK	M5118C8	NUMBER	[PMMOResult_FTM_PHB_Statistics] M5118C8
X4HVYH0DM52AICSD002UAXYBDK	M5118C9	NUMBER	[PMMOResult_FTM_PHB_Statistics] M5118C9
X4HVYH2DM52AICSD002UAXYBDK	M5118C10	NUMBER	[PMMOResult_FTM_PHB_Statistics] M5118C10
X4HVYH4DM52AICSD002UAXYBDK	M5118C11	NUMBER	[PMMOResult_FTM_PHB_Statistics] M5118C11
X4HVYH6DM52AICSD002UAXYBDK	M5118C12	NUMBER	[PMMOResult_FTM_PHB_Statistics] M5118C12
X4HVYHBDM52AICSD002UAXYBDK	M5118C13	NUMBER	[PMMOResult_FTM_PHB_Statistics] M5118C13
X4HVYHDDM52AICSD002UAXYBDK	M5118C14	NUMBER	[PMMOResult_FTM_PHB_Statistics] M5118C14
X4HVYHFDM52AICSD002UAXYBDK	M5118C15	NUMBER	[PMMOResult_FTM_PHB_Statistics] M5118C15
X4HVYHHDM52AICSD002UAXYBDK	M5118C16	NUMBER	[PMMOResult_FTM_PHB_Statistics] M5118C16
X4HVYHJDM52AICSD002UAXYBDK	M5118C17	NUMBER	[PMMOResult_FTM_PHB_Statistics] M5118C17
X4HVYHLDM52AICSD002UAXYBDK	M5118C18	NUMBER	[PMMOResult_FTM_PHB_Statistics] M5118C18
X4HVYHNDM52AICSD002UAXYBDK	M5118C19	NUMBER	[PMMOResult_FTM_PHB_Statistics] M5118C19
X4HVYHPDM52AICSD002UAXYBDK	M5118C20	NUMBER	[PMMOResult_FTM_PHB_Statistics] M5118C20
X4HVYHRDM52AICSD002UAXYBDK	M5118C21	NUMBER	[PMMOResult_FTM_PHB_Statistics] M5118C21
X4HVYHTDM52AICSD002U	M5118C22	NUMBER	[PMMOResult_FTM_PHB_St

AXYBDK			atistics] M5118C22
X4HVYHVDM52AICSD002U AXYBDK	M5118C23	NUMBER	[PMMOResult_FTM_PHB_St atistics] M5118C23

7.21 Raw FTM_PSN_IP Tables

7.21.1 NOK_NKIF_MEASPSNIP_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
FTM_PSN_IP_ID		VARCHA R2(50)	[PMMOResult_FTM_PSN_IP] RNC & "/" & WBTS & "/" & FTM & "/" & PWNE & "/" & PWTIP
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
Y34UVG2DMM2AICSD002U AXYBDK	M5114C3	NUMBER	[PMMOResult_FTM_PSN_IP] M5114C3
UGPUH3F1IM2AHSXR0035 XKCUAI	M5114C0	NUMBER	[PMMOResult_FTM_PSN_IP] M5114C0
UGPUH3H1IM2AHSXR0035 XKCUAI	M5114C1	NUMBER	[PMMOResult_FTM_PSN_IP] M5114C1
UGPUH3J1IM2AHSXR0035X KCUAI	M5114C2	NUMBER	[PMMOResult_FTM_PSN_IP] M5114C2

7.22 Raw FTM_PWMP_IF Tables

7.22.1 NOK_NKIF_MEASPWMP_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
FTM_PWMP_IF_ID		VARCHA R2(50)	[PMMOResult_PWMP] RNC & "/" & WBTS & "/" & FTM & "/" & PWNE & "/" & PWMP

This edition applies to IBM® Tivoli® Netcool® Performance Manager for Wireless and to all subsequent releases and modifications until otherwise indicated in new editions.

TSTAMP		DATE	
INSTANCE_ID		NUMBER	
Y34UVG0DMM2AICSD002UAXYBDK	M5113C2	NUMBER	[PMMOResult_PWMP] M5113C2
UGPUH3L1IM2AHSXR0035XKCUAI	M5113C0	NUMBER	[PMMOResult_PWMP] M5113C0
UGPUH3N1IM2AHSXR0035XKCUAI	M5113C1	NUMBER	[PMMOResult_PWMP] M5113C1

7.23 Raw FTM_SDH_IF Tables

7.23.1 NOK_NKIF_MEASSDH_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
FTM_SDH_IF_ID		VARCHAR2(50)	[PMMOResult_FTM_SDH_if] RNC & "/" & WBTS & "/" & FTM & "/" & SVTT
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
UGPUH4L1IM2AHSXR0035XKCUAI	M5102C4	NUMBER	[PMMOResult_FTM_SDH_if] M5102C4
UGPUH4N1IM2AHSXR0035XKCUAI	M5102C5	NUMBER	[PMMOResult_FTM_SDH_if] M5102C5
UGPUH4P1IM2AHSXR0035XKCUAI	M5102C6	NUMBER	[PMMOResult_FTM_SDH_if] M5102C6
UGPUH4R1IM2AHSXR0035XKCUAI	M5102C7	NUMBER	[PMMOResult_FTM_SDH_if] M5102C7

7.24 Raw IMA_Group Tables

7.24.1 NOK_NKIMAGP_LOGIF_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
IMA_GROUP_ID		VARCHAR2(50)	[PMMOResult_IMA_GROUP_ID_IMA_LOGICAL_IF] RNC & "/" & IMA_GROUP_ID

TSTAMP		DATE	
INSTANCE_ID		NUMBER	
SOBXH3PAHL26SECCB00HW01QK4	GR_UAS_IMA	NUMBER	[PMMOResult_IMA_GROUP_ID_IMA_LOGICAL_IF] M514C0
SOCYE22AHL26SECCB00HW01QK4	GR_FC	NUMBER	[PMMOResult_IMA_GROUP_ID_IMA_LOGICAL_IF] M514C1
SODWVT6AHL26SECCB00HW01QK4	UNIT_INDEX1	NUMBER	[PMMOResult_IMA_GROUP_ID_IMA_LOGICAL_IF] M514C2
SOEXPPHAHL26SECCB00HW01QK4	IV_IMA1	NUMBER	[PMMOResult_IMA_GROUP_ID_IMA_LOGICAL_IF] M514C3
SOFVO36AHL26SECCB00HW01QK4	SES_IMA1	NUMBER	[PMMOResult_IMA_GROUP_ID_IMA_LOGICAL_IF] M514C4
SOGVYRLAHL26SECCB00HW01QK4	SES_IMA_FE1	NUMBER	[PMMOResult_IMA_GROUP_ID_IMA_LOGICAL_IF] M514C5
SOI20WLAHL26SECCB00HW01QK4	UAS_IMA1	NUMBER	[PMMOResult_IMA_GROUP_ID_IMA_LOGICAL_IF] M514C6
SOJ45JPAHL26SECCB00HW01QK4	UAS_IMA_FE1	NUMBER	[PMMOResult_IMA_GROUP_ID_IMA_LOGICAL_IF] M514C7
SOK2YLHAHL26SECCB00HW01QK4	TX_UUS_IMA1	NUMBER	[PMMOResult_IMA_GROUP_ID_IMA_LOGICAL_IF] M514C8
SOL44VDAHL26SECCB00HW01QK4	RX_UUS_IMA1	NUMBER	[PMMOResult_IMA_GROUP_ID_IMA_LOGICAL_IF] M514C9
SOM4MPTAHL26SECCB00H	TX_UUS_IMA_FE1	NUMBER	[PMMOResult_IMA_GROUP

This edition applies to IBM® Tivoli® Netcool® Performance Manager for Wireless and to all subsequent releases and modifications until otherwise indicated in new editions.

W01QK4			_ID_IMA_LOGICAL_IF] M514C10
SON5KFXAHL26SECCB00HW01QK4	RX_UUS_IMA_FE1	NUMBER	[PMMOResult_IMA_GROUP_ID_IMA_LOGICAL_IF] M514C11
SOO6NT6AHL26SECCB00HW01QK4	TX_FC1	NUMBER	[PMMOResult_IMA_GROUP_ID_IMA_LOGICAL_IF] M514C12
SOPAVHHAHL26SECCB00HW01QK4	RX_FC1	NUMBER	[PMMOResult_IMA_GROUP_ID_IMA_LOGICAL_IF] M514C13
SOWRNXTAHL26SECCB00HW01QK4	TX_UUS_IMA2	NUMBER	[PMMOResult_IMA_GROUP_ID_IMA_LOGICAL_IF] M514C20
SOXU1V6AHL26SECCB00HW01QK4	RX_UUS_IMA2	NUMBER	[PMMOResult_IMA_GROUP_ID_IMA_LOGICAL_IF] M514C21
SOYT1E2AHL26SECCB00HW01QK4	TX_UUS_IMA_FE2	NUMBER	[PMMOResult_IMA_GROUP_ID_IMA_LOGICAL_IF] M514C22
SP0UJ1LAHL26SECCB00HW01QK4	RX_UUS_IMA_FE2	NUMBER	[PMMOResult_IMA_GROUP_ID_IMA_LOGICAL_IF] M514C23
SP1V5K6AHL26SECCB00HW01QK4	TX_FC2	NUMBER	[PMMOResult_IMA_GROUP_ID_IMA_LOGICAL_IF] M514C24
SP2X0CDAHL26SECCB00HW01QK4	RX_FC2	NUMBER	[PMMOResult_IMA_GROUP_ID_IMA_LOGICAL_IF] M514C25
SOQBSRPAHL26SECCB00HW01QK4	UNIT_INDEX2	NUMBER	[PMMOResult_IMA_GROUP_ID_IMA_LOGICAL_IF] M514C14
SORCVFXAHL26SECCB00HW01QK4	IV_IMA2	NUMBER	[PMMOResult_IMA_GROUP_ID_IMA_LOGICAL_IF] M514C15
SOSE1CPAHL26SECCB00HW01QK4	SES_IMA2	NUMBER	[PMMOResult_IMA_GROUP_ID_IMA_LOGICAL_IF] M514C16

SOTFAL6AHL26SECCB00H W01QK4	SES_IMA_FE2	NUMBER	[PMMOResult_IMA_GROUP _ID_IMA_LOGICAL_IF] M514C17
SOUEXNPAHL26SECCB00H W01QK4	UAS_IMA2	NUMBER	[PMMOResult_IMA_GROUP _ID_IMA_LOGICAL_IF] M514C18
SOVFMSPAHL26SECCB00H W01QK4	UAS_IMA_FE2	NUMBER	[PMMOResult_IMA_GROUP _ID_IMA_LOGICAL_IF] M514C19
SP3Y3V6AHL26SECCB00H W01QK4	UNIT_INDEX3	NUMBER	[PMMOResult_IMA_GROUP _ID_IMA_LOGICAL_IF] M514C26
SP4YTYPAHL26SECCB00H W01QK4	IV_IMA3	NUMBER	[PMMOResult_IMA_GROUP _ID_IMA_LOGICAL_IF] M514C27
SP612KHAHL26SECCB00H W01QK4	SES_IMA3	NUMBER	[PMMOResult_IMA_GROUP _ID_IMA_LOGICAL_IF] M514C28
SPA3C32AHL26SECCB00H W01QK4	SES_IMA_FE3	NUMBER	[PMMOResult_IMA_GROUP _ID_IMA_LOGICAL_IF] M514C29
SPB4N5DAHL26SECCB00H W01QK4	UAS_IMA3	NUMBER	[PMMOResult_IMA_GROUP _ID_IMA_LOGICAL_IF] M514C30
SPC4M5LAHL26SECCB00H W01QK4	UAS_IMA_FE3	NUMBER	[PMMOResult_IMA_GROUP _ID_IMA_LOGICAL_IF] M514C31
SPD64VDAHL26SECCB00H W01QK4	TX_UUS_IMA3	NUMBER	[PMMOResult_IMA_GROUP _ID_IMA_LOGICAL_IF] M514C32
SPEACJDAHL26SECCB00H W01QK4	RX_UUS_IMA3	NUMBER	[PMMOResult_IMA_GROUP _ID_IMA_LOGICAL_IF] M514C33
SPF60MPAHL26SECCB00H	TX_UUS_IMA_FE3	NUMBER	[PMMOResult_IMA_GROUP

This edition applies to IBM® Tivoli® Netcool® Performance Manager for Wireless and to all subsequent releases and modifications until otherwise indicated in new editions.

W01QK4			_ID_IMA_LOGICAL_IF] M514C34
SPGBTDHAHL26SECCB00H W01QK4	RX_UUS_IMA_FE3	NUMBER	[PMMOResult_IMA_GROUP _ID_IMA_LOGICAL_IF] M514C35
SPHAPQ6AHL26SECCB00H W01QK4	TX_FC3	NUMBER	[PMMOResult_IMA_GROUP _ID_IMA_LOGICAL_IF] M514C36
SPIAHV2AHL26SECCB00H W01QK4	RX_FC3	NUMBER	[PMMOResult_IMA_GROUP _ID_IMA_LOGICAL_IF] M514C37
SPL6QKLAHL26SECCB00H W01QK4	SES_IMA4	NUMBER	[PMMOResult_IMA_GROUP _ID_IMA_LOGICAL_IF] M514C40
SPMBLNDAHL26SECCB00H W01QK4	SES_IMA_FE4	NUMBER	[PMMOResult_IMA_GROUP _ID_IMA_LOGICAL_IF] M514C41
SPND06LAHL26SECCB00H W01QK4	UAS_IMA4	NUMBER	[PMMOResult_IMA_GROUP _ID_IMA_LOGICAL_IF] M514C42
SPOCORXAHL26SECCB00H W01QK4	UAS_IMA_FE4	NUMBER	[PMMOResult_IMA_GROUP _ID_IMA_LOGICAL_IF] M514C43
SPPENBHAHL26SECCB00H W01QK4	TX_UUS_IMA4	NUMBER	[PMMOResult_IMA_GROUP _ID_IMA_LOGICAL_IF] M514C44
SPQHEFPAHL26SECCB00H W01QK4	RX_UUS_IMA4	NUMBER	[PMMOResult_IMA_GROUP _ID_IMA_LOGICAL_IF] M514C45
SPRGMCLAHL26SECCB00H W01QK4	TX_UUS_IMA_FE4	NUMBER	[PMMOResult_IMA_GROUP _ID_IMA_LOGICAL_IF] M514C46
SPSINSXAHL26SECCB00H W01QK4	RX_UUS_IMA_FE4	NUMBER	[PMMOResult_IMA_GROUP _ID_IMA_LOGICAL_IF] M514C47
SPTK6J2AHL26SECCB00HW 01QK4	TX_FC4	NUMBER	[PMMOResult_IMA_GROUP _ID_IMA_LOGICAL_IF] M514C48

SPUL2QXAHL26SECCB00HW01QK4	RX_FC4	NUMBER	[PMMOResult_IMA_GROUP_ID_IMA_LOGICAL_IF] M514C49
SPJAY12AHL26SECCB00HW01QK4	UNIT_INDEX4	NUMBER	[PMMOResult_IMA_GROUP_ID_IMA_LOGICAL_IF] M514C38
SPKBWWXAHL26SECCB00HW01QK4	IV_IMA4	NUMBER	[PMMOResult_IMA_GROUP_ID_IMA_LOGICAL_IF] M514C39
SQANQHTAHL26SECCB00HW01QK4	TX_FC5	NUMBER	[PMMOResult_IMA_GROUP_ID_IMA_LOGICAL_IF] M514C60
SQBRC0PAHL26SECCB00HW01QK4	RX_FC5	NUMBER	[PMMOResult_IMA_GROUP_ID_IMA_LOGICAL_IF] M514C61
SPVLUDXAHL26SECCB00HW01QK4	UNIT_INDEX5	NUMBER	[PMMOResult_IMA_GROUP_ID_IMA_LOGICAL_IF] M514C50
SPWNMSDAHL26SECCB00HW01QK4	IV_IMA5	NUMBER	[PMMOResult_IMA_GROUP_ID_IMA_LOGICAL_IF] M514C51
SPXPPTHAHL26SECCB00HW01QK4	SES_IMA5	NUMBER	[PMMOResult_IMA_GROUP_ID_IMA_LOGICAL_IF] M514C52
SPYRPY2AHL26SECCB00HW01QK4	SES_IMA_FE5	NUMBER	[PMMOResult_IMA_GROUP_ID_IMA_LOGICAL_IF] M514C53
SQ0TTYHAHL26SECCB00HW01QK4	UAS_IMA5	NUMBER	[PMMOResult_IMA_GROUP_ID_IMA_LOGICAL_IF] M514C54
SQ1UQ0HAHL26SECCB00HW01QK4	UAS_IMA_FE5	NUMBER	[PMMOResult_IMA_GROUP_ID_IMA_LOGICAL_IF] M514C55
SQ2TYC6AHL26SECCB00H	TX_UUS_IMA5	NUMBER	[PMMOResult_IMA_GROUP

This edition applies to IBM® Tivoli® Netcool® Performance Manager for Wireless and to all subsequent releases and modifications until otherwise indicated in new editions.

W01QK4			_ID_IMA_LOGICAL_IF] M514C56
SQ3WCULAHL26SECCB00H W01QK4	RX_UUS_IMA5	NUMBER	[PMMOResult_IMA_GROUP _ID_IMA_LOGICAL_IF] M514C57
SQ50A0DAHL26SECCB00H W01QK4	TX_UUS_IMA_FE5	NUMBER	[PMMOResult_IMA_GROUP _ID_IMA_LOGICAL_IF] M514C58
SQ6AISTAHL26SECCB00H W01QK4	RX_UUS_IMA_FE5	NUMBER	[PMMOResult_IMA_GROUP _ID_IMA_LOGICAL_IF] M514C59
SQCU00LAHL26SECCB00H W01QK4	UNIT_INDEX6	NUMBER	[PMMOResult_IMA_GROUP _ID_IMA_LOGICAL_IF] M514C62
SQDUNI2AHL26SECCB00H W01QK4	IV_IMA6	NUMBER	[PMMOResult_IMA_GROUP _ID_IMA_LOGICAL_IF] M514C63
SQEW4TPAHL26SECCB00H W01QK4	SES_IMA6	NUMBER	[PMMOResult_IMA_GROUP _ID_IMA_LOGICAL_IF] M514C64
SQFX5LXAHL26SECCB00H W01QK4	SES_IMA_FE6	NUMBER	[PMMOResult_IMA_GROUP _ID_IMA_LOGICAL_IF] M514C65
SQGY5YXAHL26SECCB00H W01QK4	UAS_IMA6	NUMBER	[PMMOResult_IMA_GROUP _ID_IMA_LOGICAL_IF] M514C66
SQHYE6DAHL26SECCB00H W01QK4	UAS_IMA_FE6	NUMBER	[PMMOResult_IMA_GROUP _ID_IMA_LOGICAL_IF] M514C67
SQJ0NV6AHL26SECCB00H W01QK4	TX_UUS_IMA6	NUMBER	[PMMOResult_IMA_GROUP _ID_IMA_LOGICAL_IF] M514C68
SQK1MYDAHL26SECCB00H W01QK4	RX_UUS_IMA6	NUMBER	[PMMOResult_IMA_GROUP _ID_IMA_LOGICAL_IF] M514C69
SQL41RTAHL26SECCB00H W01QK4	TX_UUS_IMA_FE6	NUMBER	[PMMOResult_IMA_GROUP _ID_IMA_LOGICAL_IF] M514C70

SQM53JDAHL26SECCB00H W01QK4	RX_UUS_IMA_FE6	NUMBER	[PMMOResult_IMA_GROUP _ID_IMA_LOGICAL_IF] M514C71
SQN5C2LAHL26SECCB00H W01QK4	TX_FC6	NUMBER	[PMMOResult_IMA_GROUP _ID_IMA_LOGICAL_IF] M514C72
SQO6S46AHL26SECCB00H W01QK4	RX_FC6	NUMBER	[PMMOResult_IMA_GROUP _ID_IMA_LOGICAL_IF] M514C73
SQVHB2PAHL26SECCB00H W01QK4	TX_UUS_IMA7	NUMBER	[PMMOResult_IMA_GROUP _ID_IMA_LOGICAL_IF] M514C80
SQWI4RXAHL26SECCB00H W01QK4	RX_UUS_IMA7	NUMBER	[PMMOResult_IMA_GROUP _ID_IMA_LOGICAL_IF] M514C81
SQXJUB6AHL26SECCB00H W01QK4	TX_UUS_IMA_FE7	NUMBER	[PMMOResult_IMA_GROUP _ID_IMA_LOGICAL_IF] M514C82
SQYKVO2AHL26SECCB00H W01QK4	RX_UUS_IMA_FE7	NUMBER	[PMMOResult_IMA_GROUP _ID_IMA_LOGICAL_IF] M514C83
SR0M5BLAHL26SECCB00H W01QK4	TX_FC7	NUMBER	[PMMOResult_IMA_GROUP _ID_IMA_LOGICAL_IF] M514C84
SR1MVWLAHL26SECCB00H W01QK4	RX_FC7	NUMBER	[PMMOResult_IMA_GROUP _ID_IMA_LOGICAL_IF] M514C85
SQPBEDLAHL26SECCB00H W01QK4	UNIT_INDEX7	NUMBER	[PMMOResult_IMA_GROUP _ID_IMA_LOGICAL_IF] M514C74
SQQD45HAHL26SECCB00H W01QK4	IV_IMA7	NUMBER	[PMMOResult_IMA_GROUP _ID_IMA_LOGICAL_IF] M514C75
SQRCHRLAHL26SECCB00H	SES_IMA7	NUMBER	[PMMOResult_IMA_GROUP

This edition applies to IBM® Tivoli® Netcool® Performance Manager for Wireless and to all subsequent releases and modifications until otherwise indicated in new editions.

W01QK4			_ID_IMA_LOGICAL_IF] M514C76
SQSD1QLAHL26SECCB00H W01QK4	SES_IMA_FE7	NUMBER	[PMMOResult_IMA_GROUP _ID_IMA_LOGICAL_IF] M514C77
SQTDTHXAHL26SECCB00H W01QK4	UAS_IMA7	NUMBER	[PMMOResult_IMA_GROUP _ID_IMA_LOGICAL_IF] M514C78
SQUF462AHL26SECCB00H W01QK4	UAS_IMA_FE7	NUMBER	[PMMOResult_IMA_GROUP _ID_IMA_LOGICAL_IF] M514C79
SR2O3DHAHL26SECCB00H W01QK4	UNIT_INDEX8	NUMBER	[PMMOResult_IMA_GROUP _ID_IMA_LOGICAL_IF] M514C86
SR3PLR2AHL26SECCB00H W01QK4	IV_IMA8	NUMBER	[PMMOResult_IMA_GROUP _ID_IMA_LOGICAL_IF] M514C87
SR4PMMPAHL26SECCB00H W01QK4	SES_IMA8	NUMBER	[PMMOResult_IMA_GROUP _ID_IMA_LOGICAL_IF] M514C88
SR5PYP2AHL26SECCB00H W01QK4	SES_IMA_FE8	NUMBER	[PMMOResult_IMA_GROUP _ID_IMA_LOGICAL_IF] M514C89
SR6RSV2AHL26SECCB00H W01QK4	UAS_IMA8	NUMBER	[PMMOResult_IMA_GROUP _ID_IMA_LOGICAL_IF] M514C90
SRAT1HHAHL26SECCB00H W01QK4	UAS_IMA_FE8	NUMBER	[PMMOResult_IMA_GROUP _ID_IMA_LOGICAL_IF] M514C91
SRBSBPPAHL26SECCB00H W01QK4	TX_UUS_IMA8	NUMBER	[PMMOResult_IMA_GROUP _ID_IMA_LOGICAL_IF] M514C92
SRCSXFLAHL26SECCB00H W01QK4	RX_UUS_IMA8	NUMBER	[PMMOResult_IMA_GROUP _ID_IMA_LOGICAL_IF] M514C93
SRDSQR6AHL26SECCB00H W01QK4	TX_UUS_IMA_FE8	NUMBER	[PMMOResult_IMA_GROUP _ID_IMA_LOGICAL_IF] M514C94

SRETR22AHL26SECCB00HW01QK4	RX_UUS_IMA_FE8	NUMBER	[PMMOResult_IMA_GROUP_ID_IMA_LOGICAL_IF] M514C95
SRFS3EXAHL26SECCB00HW01QK4	TX_FC8	NUMBER	[PMMOResult_IMA_GROUP_ID_IMA_LOGICAL_IF] M514C96
SRGRDEHAHL26SECCB00HW01QK4	RX_FC8	NUMBER	[PMMOResult_IMA_GROUP_ID_IMA_LOGICAL_IF] M514C97

7.25 Raw Interface Tables

7.25.1 NOK_INTF_MEAS_STM1_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
IFACE_ID		VARCHAR2(50)	[PMMOResult_STM_1_IF] RNC & "/" & UNIT_TYPE & "/" & UNIT_INDEX
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
SRPMQH2AHL26SECCB00HW01QK4	NE_PATH1_UAS	NUMBER	[PMMOResult_STM_1_IF] M513C14
SRQIUCPAHL26SECCB00HW01QK4	NE_PATH1_BBE	NUMBER	[PMMOResult_STM_1_IF] M513C15
SRRF1IPAHL26SECCB00HW01QK4	NE_PATH1_ES	NUMBER	[PMMOResult_STM_1_IF] M513C16
SRSBHJHAHL26SECCB00HW01QK4	NE_PATH1_SES	NUMBER	[PMMOResult_STM_1_IF] M513C17
SRTCDY6AHL26SECCB00HW01QK4	NE_PATH2_UAS	NUMBER	[PMMOResult_STM_1_IF] M513C18
SRUE65PAHL26SECCB00HW01QK4	NE_PATH2_BBE	NUMBER	[PMMOResult_STM_1_IF] M513C19
SRVAOLPAHL26SECCB00H	NE_PATH2_ES	NUMBER	[PMMOResult_STM_1_IF]

W01QK4			M513C20
SRW2JXPAHL26SECCB00HW01QK4	NE_PATH2_SES	NUMBER	[PMMOResult_STM_1_IF] M513C21
SRWWYBDAHL26SECCB00HW01QK4	NE_PATH3_UAS	NUMBER	[PMMOResult_STM_1_IF] M513C22
SRXTPFTAHL26SECCB00HW01QK4	NE_PATH3_BBE	NUMBER	[PMMOResult_STM_1_IF] M513C23
SRYOUQLAHL26SECCB00HW01QK4	NE_PATH3_ES	NUMBER	[PMMOResult_STM_1_IF] M513C24
SS0KNTTAHL26SECCB00HW01QK4	NE_PATH3_SES	NUMBER	[PMMOResult_STM_1_IF] M513C25
SS4VYDPAHL26SECCB00HW01QK4	FE_PATH1_UAS	NUMBER	[PMMOResult_STM_1_IF] M513C30
SS5VPQ6AHL26SECCB00HW01QK4	FE_PATH1_BBE	NUMBER	[PMMOResult_STM_1_IF] M513C31
SS6X0L2AHL26SECCB00HW01QK4	FE_PATH1_ES	NUMBER	[PMMOResult_STM_1_IF] M513C32
SSAXJGPAHL26SECCB00HW01QK4	FE_PATH1_SES	NUMBER	[PMMOResult_STM_1_IF] M513C33
SSBWM16AHL26SECCB00HW01QK4	FE_PATH2_UAS	NUMBER	[PMMOResult_STM_1_IF] M513C34
SSCWRBTAHL26SECCB00HW01QK4	FE_PATH2_BBE	NUMBER	[PMMOResult_STM_1_IF] M513C35
SSDWNALAHL26SECCB00HW01QK4	FE_PATH2_ES	NUMBER	[PMMOResult_STM_1_IF] M513C36
SSEUP12AHL26SECCB00HW01QK4	FE_PATH2_SES	NUMBER	[PMMOResult_STM_1_IF] M513C37
SSFSR06AHL26SECCB00HW01QK4	FE_PATH3_UAS	NUMBER	[PMMOResult_STM_1_IF] M513C38
SSGRKRLAHL26SECCB00HW01QK4	FE_PATH3_BBE	NUMBER	[PMMOResult_STM_1_IF] M513C39
SSHRNL2AHL26SECCB00HW01QK4	FE_PATH3_ES	NUMBER	[PMMOResult_STM_1_IF] M513C40
SSIQAG6AHL26SECCB00HW01QK4	FE_PATH3_SES	NUMBER	[PMMOResult_STM_1_IF] M513C41

SRHSDNPAHL26SECCB00HW01QK4	REG_UAS	NUMBER	[PMMOResult_STM_1_IF] M513C9
SRIS32XAHL26SECCB00HW01QK4	REG_BBE	NUMBER	[PMMOResult_STM_1_IF] M513C0
SRJSP2LAHL26SECCB00HW01QK4	REG_ES	NUMBER	[PMMOResult_STM_1_IF] M513C1
SRKSS1PAHL26SECCB00HW01QK4	REG_SES	NUMBER	[PMMOResult_STM_1_IF] M513C2
SRLT2EXAHL26SECCB00HW01QK4	MAX_UAS	NUMBER	[PMMOResult_STM_1_IF] M513C10
SRMRHCTAHL26SECCB00HW01QK4	NE_MUX_BBE	NUMBER	[PMMOResult_STM_1_IF] M513C11
SRNRK1HAHL26SECCB00HW01QK4	NE_MUX_ES	NUMBER	[PMMOResult_STM_1_IF] M513C12
SRORDMDAHL26SECCB00HW01QK4	NE_MUX_SES	NUMBER	[PMMOResult_STM_1_IF] M513C13
SS1GB02AHL26SECCB00HW01QK4	FE_MUX_UAS	NUMBER	[PMMOResult_STM_1_IF] M513C26
SS2BDRDAHL26SECCB00HW01QK4	FE_MUX_BBE	NUMBER	[PMMOResult_STM_1_IF] M513C27
SS34QB6AHL26SECCB00HW01QK4	FE_MUX_ES	NUMBER	[PMMOResult_STM_1_IF] M513C28
SS40WC6AHL26SECCB00HW01QK4	FE_MUX_SES	NUMBER	[PMMOResult_STM_1_IF] M513C29

7.25.2 NOK_NKIF_MEASATM_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
IFACE_ID		VARCHAR2(50)	[PMMOResult_ATM_interface] RNC & "/" & INTERFACE_ID
TSTAMP		DATE	

This edition applies to IBM® Tivoli® Netcool® Performance Manager for Wireless and to all subsequent releases and modifications until otherwise indicated in new editions.

INSTANCE_ID		NUMBER	
UGPUH0H1IM2AHSXR0035XKCUAI	M532C0	NUMBER	[PMMOResult_ATM_interface] M532C0
UGPUH0J1IM2AHSXR0035XKCUAI	M532C1	NUMBER	[PMMOResult_ATM_interface] M532C1
UGPUH0L1IM2AHSXR0035XKCUAI	M532C2	NUMBER	[PMMOResult_ATM_interface] M532C2
UGPUH0N1IM2AHSXR0035XKCUAI	M532C3	NUMBER	[PMMOResult_ATM_interface] M532C3
UGPUH0P1IM2AHSXR0035XKCUAI	M532C4	NUMBER	[PMMOResult_ATM_interface] M532C4
UGPUH0R1IM2AHSXR0035XKCUAI	M532C5	NUMBER	[PMMOResult_ATM_interface] M532C5
UGPUH0T1IM2AHSXR0035XKCUAI	M532C6	NUMBER	[PMMOResult_ATM_interface] M532C6
UGPUH0V1IM2AHSXR0035XKCUAI	M532C7	NUMBER	[PMMOResult_ATM_interface] M532C7
UGPUH0X1IM2AHSXR0035XKCUAI	M532C8	NUMBER	[PMMOResult_ATM_interface] M532C8
UGPUH101IM2AHSXR0035XKCUAI	M532C9	NUMBER	[PMMOResult_ATM_interface] M532C9
UGPUH121IM2AHSXR0035XKCUAI	M532C10	NUMBER	[PMMOResult_ATM_interface] M532C10
UGPUH141IM2AHSXR0035XKCUAI	M532C11	NUMBER	[PMMOResult_ATM_interface] M532C11
UGPUH161IM2AHSXR0035XKCUAI	M532C12	NUMBER	[PMMOResult_ATM_interface] M532C12
UGPUH1B1IM2AHSXR0035XKCUAI	M532C13	NUMBER	[PMMOResult_ATM_interface] M532C13
UGPUH1D1IM2AHSXR0035XKCUAI	M532C14	NUMBER	[PMMOResult_ATM_interface] M532C14
UGPUH1F1IM2AHSXR0035XKCUAI	M532C15	NUMBER	[PMMOResult_ATM_interface] M532C15
UGPUH1H1IM2AHSXR0035XKCUAI	M532C16	NUMBER	[PMMOResult_ATM_interface] M532C16

UGPUH1J1IM2AHSXR0035XKCUAI	M532C17	NUMBER	[PMMOResult_ATM_interface] M532C17
UGPUH1L1IM2AHSXR0035XKCUAI	M532C18	NUMBER	[PMMOResult_ATM_interface] M532C18
UGPUH1N1IM2AHSXR0035XKCUAI	M532C19	NUMBER	[PMMOResult_ATM_interface] M532C19
UGPUH1P1IM2AHSXR0035XKCUAI	M532C20	NUMBER	[PMMOResult_ATM_interface] M532C20
UGPUH1R1IM2AHSXR0035XKCUAI	M532C21	NUMBER	[PMMOResult_ATM_interface] M532C21
UGPUH1T1IM2AHSXR0035XKCUAI	M532C22	NUMBER	[PMMOResult_ATM_interface] M532C22
UGPUH1V1IM2AHSXR0035XKCUAI	M532C23	NUMBER	[PMMOResult_ATM_interface] M532C23
UGPUH1X1IM2AHSXR0035XKCUAI	M532C24	NUMBER	[PMMOResult_ATM_interface] M532C24
UGPUH201IM2AHSXR0035XKCUAI	M532C25	NUMBER	[PMMOResult_ATM_interface] M532C25
UGPUH221IM2AHSXR0035XKCUAI	M532C26	NUMBER	[PMMOResult_ATM_interface] M532C26
UGPUH241IM2AHSXR0035XKCUAI	M532C27	NUMBER	[PMMOResult_ATM_interface] M532C27

7.26 Raw IP_IF Tables

7.26.1 NOK_NK_IP_QOS_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
IP_IF_ID		VARCHAR2(50)	[PMMOResult_IP_QOS_Meas] RNC & "/" & UNIT_TYPE & "/" & UNIT_INDEX & "/" & IP_IF
IP_PHB_ID		VARCHA	[PMMOResult_IP_QOS_Meas

		R2(50)	] PHB
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
XW0RPPTDMM2AICSD002UAXYBDK	M567C0	NUMBER	[PMMOResult_IP_QOS_Meas] M567C0
XW0RPPVDMM2AICSD002UAXYBDK	M567C1	NUMBER	[PMMOResult_IP_QOS_Meas] M567C1
XW0RPPXDMM2AICSD002UAXYBDK	M567C2	NUMBER	[PMMOResult_IP_QOS_Meas] M567C2
XW0RPQ0DMM2AICSD002UAXYBDK	M567C3	NUMBER	[PMMOResult_IP_QOS_Meas] M567C3
XW0RPQ2DMM2AICSD002UAXYBDK	M567C4	NUMBER	[PMMOResult_IP_QOS_Meas] M567C4

7.26.2 NOK_NK_IPV4_DGRAM_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
IP_IF_ID		VARCHAR2(50)	[PMMOResult_IP_Meas_IP_Interface] RNC & "/" & UNIT_TYPE & "/" & UNIT_INDEX & "/" & IP_IF
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
XPVF0H6DMM2AICSD002UAXYBDK	M565C0	NUMBER	[PMMOResult_IP_Meas_IP_Interface] M565C0
XW0RPNVDMM2AICSD002UAXYBDK	M565C1	NUMBER	[PMMOResult_IP_Meas_IP_Interface] M565C1
XW0RPNXDMM2AICSD002UAXYBDK	M565C2	NUMBER	[PMMOResult_IP_Meas_IP_Interface] M565C2
XW0RPO0DMM2AICSD002UAXYBDK	M565C3	NUMBER	[PMMOResult_IP_Meas_IP_Interface] M565C3
XW0RPO2DMM2AICSD002UAXYBDK	M565C4	NUMBER	[PMMOResult_IP_Meas_IP_Interface] M565C4
XW0RPO4DMM2AICSD002UAXYBDK	M565C5	NUMBER	[PMMOResult_IP_Meas_IP_Interface] M565C5

XW0RPO6DMM2AICSD002UAXYBDK	M565C6	NUMBER	[PMMOResult_IP_Meas_IP_Interface] M565C6
XW0RPOBDMM2AICSD002UAXYBDK	M565C7	NUMBER	[PMMOResult_IP_Meas_IP_Interface] M565C7
XW0RPODDMM2AICSD002UAXYBDK	M565C8	NUMBER	[PMMOResult_IP_Meas_IP_Interface] M565C8
XW0RPOFDMM2AICSD002UAXYBDK	M565C9	NUMBER	[PMMOResult_IP_Meas_IP_Interface] M565C9
XW0RPOHDMM2AICSD002UAXYBDK	M565C10	NUMBER	[PMMOResult_IP_Meas_IP_Interface] M565C10
XW0RPOJDMM2AICSD002UAXYBDK	M565C11	NUMBER	[PMMOResult_IP_Meas_IP_Interface] M565C11
XW0RPOLDMM2AICSD002UAXYBDK	M565C12	NUMBER	[PMMOResult_IP_Meas_IP_Interface] M565C12

7.26.3 NOK_NK_IPV6_DGRAM_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
IP_IF_ID		VARCHAR2(50)	[PMMOResult_IP_Meas_IP_Interface] RNC & "/" & UNIT_TYPE & "/" & UNIT_INDEX & "/" & IP_IF
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
XW0RPONDMM2AICSD002UAXYBDK	M565C13	NUMBER	[PMMOResult_IP_Meas_IP_Interface] M565C13
XW0RPOPDMM2AICSD002UAXYBDK	M565C14	NUMBER	[PMMOResult_IP_Meas_IP_Interface] M565C14
XW0RPORDMM2AICSD002UAXYBDK	M565C15	NUMBER	[PMMOResult_IP_Meas_IP_Interface] M565C15
XW0RPOTDMM2AICSD002UAXYBDK	M565C16	NUMBER	[PMMOResult_IP_Meas_IP_Interface] M565C16

This edition applies to IBM® Tivoli® Netcool® Performance Manager for Wireless and to all subsequent releases and modifications until otherwise indicated in new editions.

XW0RPOVDMM2AICSD002UAXYBDK	M565C17	NUMBER	[PMMOResult_IP_Meas_IP_Interface] M565C17
XW0RPOXDMM2AICSD002UAXYBDK	M565C18	NUMBER	[PMMOResult_IP_Meas_IP_Interface] M565C18
XW0RPP0DMM2AICSD002UAXYBDK	M565C19	NUMBER	[PMMOResult_IP_Meas_IP_Interface] M565C19
XW0RPP2DMM2AICSD002UAXYBDK	M565C20	NUMBER	[PMMOResult_IP_Meas_IP_Interface] M565C20
XW0RPP4DMM2AICSD002UAXYBDK	M565C21	NUMBER	[PMMOResult_IP_Meas_IP_Interface] M565C21
XW0RPP6DMM2AICSD002UAXYBDK	M565C22	NUMBER	[PMMOResult_IP_Meas_IP_Interface] M565C22
XW0RPPBDMM2AICSD002UAXYBDK	M565C23	NUMBER	[PMMOResult_IP_Meas_IP_Interface] M565C23
XW0RPPDDMM2AICSD002UAXYBDK	M565C24	NUMBER	[PMMOResult_IP_Meas_IP_Interface] M565C24
XW0RPPFDMM2AICSD002UAXYBDK	M565C25	NUMBER	[PMMOResult_IP_Meas_IP_Interface] M565C25
XW0RPPHDMM2AICSD002UAXYBDK	M565C26	NUMBER	[PMMOResult_IP_Meas_IP_Interface] M565C26
XW0RPPJDMM2AICSD002UAXYBDK	M565C27	NUMBER	[PMMOResult_IP_Meas_IP_Interface] M565C27

7.26.4 NOK_UDP_MEASIPIF_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
IP_IF_ID		VARCHAR2(50)	[PMMOResult_UDP_Meas_IP_Interface] RNC & "/" & UNIT_TYPE & "/" & UNIT_INDEX & "/" & IP_IF
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
XW0RPPLDMM2AICSD002UAXYBDK	M566C0	NUMBER	[PMMOResult_UDP_Meas_IP_Interface] M566C0
XW0RPPNDMM2AICSD002UAXYBDK	M566C1	NUMBER	[PMMOResult_UDP_Meas_IP_Interface] M566C1

XW0RPPPDMM2AICSD002UAXYBDK	M566C2	NUMBER	[PMMOResult_UDP_Meas_IP_Interface] M566C2
XW0RPPRDMM2AICSD002UAXYBDK	M566C3	NUMBER	[PMMOResult_UDP_Meas_IP_Interface] M566C3

7.27 Raw IP_Route Tables

7.27.1 NOK_NKRNC_RTPRTCP_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
IP_ROUTE_ID		VARCHAR2(50)	[PMMOResult_RNC_RTP_RTCP] RNC & "/" & IP_ROUTE_ID
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
XW0RPVDDMM2AICSD002UAXYBDK	M803C0	NUMBER	[PMMOResult_RNC_RTP_RTCP] M803C0
XW0RPVFDMM2AICSD002UAXYBDK	M803C1	NUMBER	[PMMOResult_RNC_RTP_RTCP] M803C1
XW0RPVHDMM2AICSD002UAXYBDK	M803C2	NUMBER	[PMMOResult_RNC_RTP_RTCP] M803C2
XW0RPVJDMM2AICSD002UAXYBDK	M803C3	NUMBER	[PMMOResult_RNC_RTP_RTCP] M803C3
XW0RPVLDMM2AICSD002UAXYBDK	M803C4	NUMBER	[PMMOResult_RNC_RTP_RTCP] M803C4
XW0RPVNDMM2AICSD002UAXYBDK	M803C5	NUMBER	[PMMOResult_RNC_RTP_RTCP] M803C5
XW0RPVPDMM2AICSD002UAXYBDK	M803C6	NUMBER	[PMMOResult_RNC_RTP_RTCP] M803C6
XW0RPVRDMM2AICSD002UAXYBDK	M803C7	NUMBER	[PMMOResult_RNC_RTP_RTCP] M803C7
XW0RPVTDMM2AICSD002U	M803C8	NUMBER	[PMMOResult_RNC_RTP_R

AXYBDK			TCP] M803C8
XW0RPVVDMM2AICSD002UAXYBDK	M803C9	NUMBER	[PMMOResult_RNC_RTP_RTCP] M803C9
XW0RPVXDMM2AICSD002UAXYBDK	M803C10	NUMBER	[PMMOResult_RNC_RTP_RTCP] M803C10
XW0RPW0DMM2AICSD002UAXYBDK	M803C11	NUMBER	[PMMOResult_RNC_RTP_RTCP] M803C11
XW0RPW2DMM2AICSD002UAXYBDK	M803C12	NUMBER	[PMMOResult_RNC_RTP_RTCP] M803C12
XW0RPW4DMM2AICSD002UAXYBDK	M803C13	NUMBER	[PMMOResult_RNC_RTP_RTCP] M803C13
XW0RPW6DMM2AICSD002UAXYBDK	M803C14	NUMBER	[PMMOResult_RNC_RTP_RTCP] M803C14
XW0RPWBDMM2AICSD002UAXYBDK	M803C15	NUMBER	[PMMOResult_RNC_RTP_RTCP] M803C15
XW0RPWDDMM2AICSD002UAXYBDK	M803C16	NUMBER	[PMMOResult_RNC_RTP_RTCP] M803C16
XW0RPWFDMM2AICSD002UAXYBDK	M803C17	NUMBER	[PMMOResult_RNC_RTP_RTCP] M803C17
XW0RPWHDMM2AICSD002UAXYBDK	M803C18	NUMBER	[PMMOResult_RNC_RTP_RTCP] M803C18
XW0RPWJDMM2AICSD002UAXYBDK	M803C19	NUMBER	[PMMOResult_RNC_RTP_RTCP] M803C19
XW0RPWLDMM2AICSD002UAXYBDK	M803C20	NUMBER	[PMMOResult_RNC_RTP_RTCP] M803C20
XW0RPWNDMM2AICSD002UAXYBDK	M803C21	NUMBER	[PMMOResult_RNC_RTP_RTCP] M803C21
XW0RPWPDMM2AICSD002UAXYBDK	M803C22	NUMBER	[PMMOResult_RNC_RTP_RTCP] M803C22
XW0RPWRDMM2AICSD002UAXYBDK	M803C23	NUMBER	[PMMOResult_RNC_RTP_RTCP] M803C23
XW0RPWTDMM2AICSD002UAXYBDK	M803C24	NUMBER	[PMMOResult_RNC_RTP_RTCP] M803C24
XW0RPWVDMM2AICSD002UAXYBDK	M803C25	NUMBER	[PMMOResult_RNC_RTP_RTCP] M803C25

XW0RPWXDMM2AICSD002UAXYBDK	M803C26	NUMBER	[PMMOResult_RNC_RTP_RTCP] M803C26
XW0RPX0DMM2AICSD002UAXYBDK	M803C27	NUMBER	[PMMOResult_RNC_RTP_RTCP] M803C27
XW0RPX2DMM2AICSD002UAXYBDK	M803C28	NUMBER	[PMMOResult_RNC_RTP_RTCP] M803C28

7.28 Raw IP_Route_BTS Tables

7.28.1 NOK_NK_IPROUTE_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
IP_ROUTE_BTS_ID		VARCHAR2(50)	[PMMOResult_IP_Based_Route] RNC & "/" & RWBTS & "/" & IP_ROUTE_ID
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
XW0RPQ4DMM2AICSD002UAXYBDK	M568C0	NUMBER	[PMMOResult_IP_Based_Route] M568C0
XW0RPQ6DMM2AICSD002UAXYBDK	M568C1	NUMBER	[PMMOResult_IP_Based_Route] M568C1
XW0RPQBDMM2AICSD002UAXYBDK	M568C2	FLOAT	[PMMOResult_IP_Based_Route] M568C2
XW0RPQDDMM2AICSD002UAXYBDK	M568C3	FLOAT	[PMMOResult_IP_Based_Route] M568C3
XW0RPQFDMM2AICSD002UAXYBDK	M568C4	FLOAT	[PMMOResult_IP_Based_Route] M568C4
XW0RPQHDMM2AICSD002UAXYBDK	M568C5	FLOAT	[PMMOResult_IP_Based_Route] M568C5
XW0RPQJDMM2AICSD002UAXYBDK	M568C6	NUMBER	[PMMOResult_IP_Based_Route] M568C6
XW0RPQLDMM2AICSD002U	M568C7	NUMBER	[PMMOResult_IP_Based_Rou

AXYBDK			te] M568C7
XW0RPQNDMM2AICSD002UAXYBDK	M568C8	NUMBER	[PMMOResult_IP_Based_Route] M568C8
XW0RPQPDMM2AICSD002UAXYBDK	M568C9	NUMBER	[PMMOResult_IP_Based_Route] M568C9

7.28.2 NOK_NKRNC_IPTPRERESEV_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
IP_ROUTE_BTS_ID		VARCHAR2(50)	[PMMOResult_RNC_IP_CAC] RNC & "/" & RWBTS & "/" & IP_ROUTE_ID
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
XW0RPX4DMM2AICSD002UAXYBDK	M804C0	NUMBER	[PMMOResult_RNC_IP_CAC] M804C0
XW0RPX6DMM2AICSD002UAXYBDK	M804C1	NUMBER	[PMMOResult_RNC_IP_CAC] M804C1
XW0RPXBDMM2AICSD002UAXYBDK	M804C2	NUMBER	[PMMOResult_RNC_IP_CAC] M804C2
XW0RPXDDMM2AICSD002UAXYBDK	M804C3	NUMBER	[PMMOResult_RNC_IP_CAC] M804C3
XW0RPXFDMM2AICSD002UAXYBDK	M804C4	NUMBER	[PMMOResult_RNC_IP_CAC] M804C4
XW0RPXHDMM2AICSD002UAXYBDK	M804C5	NUMBER	[PMMOResult_RNC_IP_CAC] M804C5
XW0RPXJDMM2AICSD002UAXYBDK	M804C6	NUMBER	[PMMOResult_RNC_IP_CAC] M804C6

7.29 Raw IuPC_IF Tables

7.29.1 NOK_NKSAS_PERF_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
IUPC_IF_ID		VARCHAR2(50)	[PMMOResult_IuPC_interface] RNC & "/" & SAS

TSTAMP		DATE	
INSTANCE_ID		NUMBER	
XDRXAXNDMM2AICSD002UAXYBDK	M1021C9	NUMBER	[PMMOResult_IuPC_interface] M1021C9
XDRXAXPDMM2AICSD002UAXYBDK	M1021C10	NUMBER	[PMMOResult_IuPC_interface] M1021C10
XDRXAXRDMM2AICSD002UAXYBDK	M1021C11	NUMBER	[PMMOResult_IuPC_interface] M1021C11
XDRXAXTDMM2AICSD002UAXYBDK	M1021C12	NUMBER	[PMMOResult_IuPC_interface] M1021C12
XDRXAXVDMM2AICSD002UAXYBDK	M1021C13	NUMBER	[PMMOResult_IuPC_interface] M1021C13
XDRXAXXDMM2AICSD002UAXYBDK	M1021C14	NUMBER	[PMMOResult_IuPC_interface] M1021C14
XDRXAY0DMM2AICSD002UAXYBDK	M1021C15	NUMBER	[PMMOResult_IuPC_interface] M1021C15
XDRXAY2DMM2AICSD002UAXYBDK	M1021C16	NUMBER	[PMMOResult_IuPC_interface] M1021C16
XDRXAY4DMM2AICSD002UAXYBDK	M1021C17	NUMBER	[PMMOResult_IuPC_interface] M1021C17
XDRXAY6DMM2AICSD002UAXYBDK	M1021C18	NUMBER	[PMMOResult_IuPC_interface] M1021C18
XDRXAYBDMM2AICSD002UAXYBDK	M1021C19	NUMBER	[PMMOResult_IuPC_interface] M1021C19
XDRXAYDDMM2AICSD002UAXYBDK	M1021C20	NUMBER	[PMMOResult_IuPC_interface] M1021C20
XDRXAYFDMM2AICSD002UAXYBDK	M1021C21	NUMBER	[PMMOResult_IuPC_interface] M1021C21
XDRXAYHDMM2AICSD002UAXYBDK	M1021C22	NUMBER	[PMMOResult_IuPC_interface] M1021C22
XDRXAYJDMM2AICSD002U	M1021C23	NUMBER	[PMMOResult_IuPC_interfac

This edition applies to IBM® Tivoli® Netcool® Performance Manager for Wireless and to all subsequent releases and modifications until otherwise indicated in new editions.

AXYBDK			e] M1021C23
XDRXAYLDMM2AICSD002UAXYBDK	M1021C24	NUMBER	[PMMOResult_IuPC_interface] M1021C24
UGPUGX01IM2AHSXR0035XKCUAI	M1021C0	NUMBER	[PMMOResult_IuPC_interface] M1021C0
UGPUGX21IM2AHSXR0035XKCUAI	M1021C1	NUMBER	[PMMOResult_IuPC_interface] M1021C1
UGPUGX41IM2AHSXR0035XKCUAI	M1021C2	NUMBER	[PMMOResult_IuPC_interface] M1021C2
UGPUGX61IM2AHSXR0035XKCUAI	M1021C3	NUMBER	[PMMOResult_IuPC_interface] M1021C3
UGPUGXB1IM2AHSXR0035XKCUAI	M1021C4	NUMBER	[PMMOResult_IuPC_interface] M1021C4
UGPUGXD1IM2AHSXR0035XKCUAI	M1021C5	NUMBER	[PMMOResult_IuPC_interface] M1021C5
UGPUGXF1IM2AHSXR0035XKCUAI	M1021C6	NUMBER	[PMMOResult_IuPC_interface] M1021C6
UGPUGXH1IM2AHSXR0035XKCUAI	M1021C7	NUMBER	[PMMOResult_IuPC_interface] M1021C7
UGPUGXJ1IM2AHSXR0035XKCUAI	M1021C8	NUMBER	[PMMOResult_IuPC_interface] M1021C8

7.30 Raw IuPS_IF Tables

7.30.1 NOK_NKIUPS_IF_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
IUPS_IF_ID		VARCHAR2(50)	[PMMOResult_IU_PS_performance] RNC & "/" & UNIT_TYPE & "/" & UNIT_INDEX
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
UGPUGXL1IM2AHSXR0035XKCUAI	M801C0	NUMBER	[PMMOResult_IU_PS_performance] M801C0
UGPUGXN1IM2AHSXR003	M801C1	NUMBER	[PMMOResult_IU_PS_perform

5XKCUAI			ance] M801C1
UGPUGXP1IM2AHSXR0035XKCUAI	M801C2	NUMBER	[PMMOResult_IU_PS_performance] M801C2
UGPUGXR1IM2AHSXR0035XKCUAI	M801C3	NUMBER	[PMMOResult_IU_PS_performance] M801C3
UGPUGXT1IM2AHSXR0035XKCUAI	M801C4	NUMBER	[PMMOResult_IU_PS_performance] M801C4
UGPUGXV1IM2AHSXR0035XKCUAI	M801C5	NUMBER	[PMMOResult_IU_PS_performance] M801C5
UGPUGXX1IM2AHSXR0035XKCUAI	M801C6	NUMBER	[PMMOResult_IU_PS_performance] M801C6
UGPUGY01IM2AHSXR0035XKCUAI	M801C7	NUMBER	[PMMOResult_IU_PS_performance] M801C7
UGPUGY21IM2AHSXR0035XKCUAI	M801C8	NUMBER	[PMMOResult_IU_PS_performance] M801C8
UGPUGY41IM2AHSXR0035XKCUAI	M801C9	NUMBER	[PMMOResult_IU_PS_performance] M801C9
UGPUGY61IM2AHSXR0035XKCUAI	M801C10	NUMBER	[PMMOResult_IU_PS_performance] M801C10
UGPUGYB1IM2AHSXR0035XKCUAI	M801C11	NUMBER	[PMMOResult_IU_PS_performance] M801C11
UGPUGYD1IM2AHSXR0035XKCUAI	M801C12	NUMBER	[PMMOResult_IU_PS_performance] M801C12
UGPUGYF1IM2AHSXR0035XKCUAI	M801C13	NUMBER	[PMMOResult_IU_PS_performance] M801C13
UGPUGYH1IM2AHSXR0035XKCUAI	M801C14	NUMBER	[PMMOResult_IU_PS_performance] M801C14
UGPUGYJ1IM2AHSXR0035XKCUAI	M801C15	NUMBER	[PMMOResult_IU_PS_performance] M801C15
UGPUGYL1IM2AHSXR0035XKCUAI	M801C16	NUMBER	[PMMOResult_IU_PS_performance] M801C16

This edition applies to IBM® Tivoli® Netcool® Performance Manager for Wireless and to all subsequent releases and modifications until otherwise indicated in new editions.

UGPUGYN1IM2AHSXR0035XKCUAI	M801C17	NUMBER	[PMMOResult_IU_PS_performance] M801C17
UGPUGYP1IM2AHSXR0035XKCUAI	M801C18	NUMBER	[PMMOResult_IU_PS_performance] M801C18
UGPUGYR1IM2AHSXR0035XKCUAI	M801C19	NUMBER	[PMMOResult_IU_PS_performance] M801C19

7.31 Raw LCG Tables

7.31.1 NOK_NKLCG_FRPROT_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
LCG_ID		VARCHAR2(50)	[PMMOResult_Frame_Protocol_WBTS] RNC & "/" & WBTS & "/" & LCG
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
Y34UVEVDMM2AICSD002UAXYBDK	M5003C3	NUMBER	[PMMOResult_Frame_Protocol_WBTS] M5003C3
Y34UVEXDMM2AICSD002UAXYBDK	M5003C4	NUMBER	[PMMOResult_Frame_Protocol_WBTS] M5003C4
Y34UVF0DMM2AICSD002UAXYBDK	M5003C5	NUMBER	[PMMOResult_Frame_Protocol_WBTS] M5003C5
Y34UVF2DMM2AICSD002UAXYBDK	M5003C6	NUMBER	[PMMOResult_Frame_Protocol_WBTS] M5003C6
Y34UVF4DMM2AICSD002UAXYBDK	M5003C7	NUMBER	[PMMOResult_Frame_Protocol_WBTS] M5003C7
Y34UVF6DMM2AICSD002UAXYBDK	M5003C8	NUMBER	[PMMOResult_Frame_Protocol_WBTS] M5003C8
Y34UVFBDMM2AICSD002UAXYBDK	M5003C9	NUMBER	[PMMOResult_Frame_Protocol_WBTS] M5003C9
Y34UVFDDMM2AICSD002UAXYBDK	M5003C10	NUMBER	[PMMOResult_Frame_Protocol_WBTS] M5003C10
Y34UVFFDMM2AICSD002UAXYBDK	M5003C11	NUMBER	[PMMOResult_Frame_Protocol_WBTS] M5003C11
Y34UVFHDMM2AICSD002U	M5003C12	NUMBER	[PMMOResult_Frame_Protoc

AXYBDK			ol_WBTS] M5003C12
Y34UVFJDMM2AICSD002U AXYBDK	M5003C13	NUMBER	[PMMOResult_Frame_Protocol_WBTS] M5003C13
Y34UVFLDMM2AICSD002U AXYBDK	M5003C14	NUMBER	[PMMOResult_Frame_Protocol_WBTS] M5003C14
Y34UVFNDMM2AICSD002U AXYBDK	M5003C15	NUMBER	[PMMOResult_Frame_Protocol_WBTS] M5003C15
Y34UVFPDMM2AICSD002U AXYBDK	M5003C16	NUMBER	[PMMOResult_Frame_Protocol_WBTS] M5003C16
Y34UVFRDMM2AICSD002U AXYBDK	M5003C17	NUMBER	[PMMOResult_Frame_Protocol_WBTS] M5003C17
Y34UVFTDMM2AICSD002U AXYBDK	M5003C18	NUMBER	[PMMOResult_Frame_Protocol_WBTS] M5003C18
Y34UVFVDMM2AICSD002U AXYBDK	M5003C19	NUMBER	[PMMOResult_Frame_Protocol_WBTS] M5003C19
Y34UVFXDMM2AICSD002U AXYBDK	M5003C20	NUMBER	[PMMOResult_Frame_Protocol_WBTS] M5003C20

7.31.2 NOK_WBTS_POOLCERSRC_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
LCG_ID		VARCHAR2(50)	[PMMOResult_WBTS_HW] RNC & "/" & WBTS & "/" & LCG
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
UGPUGSH1IM2AHSXR0035XKCUAI	M5001C0	NUMBER	[PMMOResult_WBTS_HW] M5001C0
UGPUGSJ1IM2AHSXR0035XKCUAI	M5001C1	NUMBER	[PMMOResult_WBTS_HW] M5001C1
UGPUGSL1IM2AHSXR0035	M5001C2	NUMBER	[PMMOResult_WBTS_HW]

This edition applies to IBM® Tivoli® Netcool® Performance Manager for Wireless and to all subsequent releases and modifications until otherwise indicated in new editions.

XKCUAI			M5001C2
UGPUGSN1IM2AHSXR0035XKCUAI	M5001C3	NUMBER	[PMMOResult_WBTS_HW] M5001C3
UGPUGSP1IM2AHSXR0035XKCUAI	M5001C4	NUMBER	[PMMOResult_WBTS_HW] M5001C4
UGPUGSR1IM2AHSXR0035XKCUAI	M5001C5	NUMBER	[PMMOResult_WBTS_HW] M5001C5
UGPUGST1IM2AHSXR0035XKCUAI	M5001C6	NUMBER	[PMMOResult_WBTS_HW] M5001C6
UGPUGSV1IM2AHSXR0035XKCUAI	M5001C7	NUMBER	[PMMOResult_WBTS_HW] M5001C7
UGPUGSX1IM2AHSXR0035XKCUAI	M5001C8	NUMBER	[PMMOResult_WBTS_HW] M5001C8
UGPUGT01IM2AHSXR0035XKCUAI	M5001C9	NUMBER	[PMMOResult_WBTS_HW] M5001C9
UGPUGT21IM2AHSXR0035XKCUAI	M5001C10	NUMBER	[PMMOResult_WBTS_HW] M5001C10
UGPUGT41IM2AHSXR0035XKCUAI	M5001C11	NUMBER	[PMMOResult_WBTS_HW] M5001C11
UGPUGT61IM2AHSXR0035XKCUAI	M5001C12	NUMBER	[PMMOResult_WBTS_HW] M5001C12
UGPUGTB1IM2AHSXR0035XKCUAI	M5001C13	NUMBER	[PMMOResult_WBTS_HW] M5001C13
UGPUGTD1IM2AHSXR0035XKCUAI	M5001C14	NUMBER	[PMMOResult_WBTS_HW] M5001C14

7.32 Raw Neighbour Tables

7.32.1 NOK_NKNE_IFHO_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
NEIGHBOUR_ID		VARCHAR2(50)	[PMMOResult_AutoDef_IFHO] AWBTS & "/" & AWCEL & "-" & WBTS & "/" & WCEL
TSTAMP		DATE	

INSTANCE_ID		NUMBER	
XDRXAX4DMM2AICSD002UAXYBDK	M1014C2	NUMBER	[PMMOResult_AutoDef_IFHO] M1014C2
XDRXAX6DMM2AICSD002UAXYBDK	M1014C3	NUMBER	[PMMOResult_AutoDef_IFHO] M1014C3
XDRXAXBDMM2AICSD002UAXYBDK	M1014C4	NUMBER	[PMMOResult_AutoDef_IFHO] M1014C4
XDRXAXDDMM2AICSD002UAXYBDK	M1014C5	NUMBER	[PMMOResult_AutoDef_IFHO] M1014C5
UGPUGUB1IM2AHSXR0035XKCUAI	M1014C0	NUMBER	[PMMOResult_AutoDef_IFHO] M1014C0
UGPUGUD1IM2AHSXR0035XKCUAI	M1014C1	NUMBER	[PMMOResult_AutoDef_IFHO] M1014C1

7.32.2 NOK_NKNE_ISHO_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
NEIGHBOUR_ID		VARCHAR2(50)	[PMMOResult_AutoDef_ISHO] AWBTS & "/" & AWCEL & "-" & LAC & "/" & CI
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
XDRXAXFDMM2AICSD002UAXYBDK	M1015C2	NUMBER	[PMMOResult_AutoDef_ISHO] M1015C2
XDRXAXHDMM2AICSD002UAXYBDK	M1015C3	NUMBER	[PMMOResult_AutoDef_ISHO] M1015C3
XDRXAXJDMM2AICSD002UAXYBDK	M1015C4	NUMBER	[PMMOResult_AutoDef_ISHO] M1015C4
XDRXAXLDMM2AICSD002UAXYBDK	M1015C5	NUMBER	[PMMOResult_AutoDef_ISHO] M1015C5
UGPUGUF1IM2AHSXR0035X	M1015C0	NUMBER	[PMMOResult_AutoDef_ISH

KCUAI			O] M1015C0
UGPUGUH1IM2AHSXR0035X KCUAI	M1015C1	NUMBER	[PMMOResult_AutoDef_ISHO] M1015C1

7.32.3 NOK_NKNE_SHO_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
NEIGHBOUR_ID		VARCHAR2(50)	[PMMOResult_AutoDef_SHO] AWBTS & "/" & AWCEL & "-" & WBTS & "/" & WCEL
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
XDRXAWRDMM2AICSD002UAXYBDK	M1013C2	NUMBER	[PMMOResult_AutoDef_SHO] M1013C2
XDRXAWTDMM2AICSD002UAXYBDK	M1013C3	NUMBER	[PMMOResult_AutoDef_SHO] M1013C3
XDRXAWVDMM2AICSD002UAXYBDK	M1013C4	NUMBER	[PMMOResult_AutoDef_SHO] M1013C4
XDRXAWXDMM2AICSD002UAXYBDK	M1013C5	NUMBER	[PMMOResult_AutoDef_SHO] M1013C5
XDRXAX0DMM2AICSD002UAXYBDK	M1013C6	NUMBER	[PMMOResult_AutoDef_SHO] M1013C6
XDRXAX2DMM2AICSD002UAXYBDK	M1013C7	NUMBER	[PMMOResult_AutoDef_SHO] M1013C7
UGPUGU41IM2AHSXR0035X KCUAI	M1013C0	NUMBER	[PMMOResult_AutoDef_SHO] M1013C0
UGPUGU61IM2AHSXR0035X KCUAI	M1013C1	NUMBER	[PMMOResult_AutoDef_SHO] M1013C1

7.33 Raw Neighbour_RNC Tables

7.33.1 NOK_CSWITCH_IURELREQ_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
BSC_NEIGHBOUR_ID		VARCHA	[PMMOResult_L3Reloc] RNC

		R2(50)	& "/" & RRNC
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
SSJQ1R2AHL26SECCB00HW01QK4	M1009C260	NUMBER	[PMMOResult_L3Reloc] M1009C260
SSKOQWHAHL26SECCB00HW01QK4	M1009C261	NUMBER	[PMMOResult_L3Reloc] M1009C261
SSLNY0PAHL26SECCB00HW01QK4	M1009C262	NUMBER	[PMMOResult_L3Reloc] M1009C262
SSMOGC2AHL26SECCB00HW01QK4	M1009C263	NUMBER	[PMMOResult_L3Reloc] M1009C263
SSNOVKDAHL26SECCB00HW01QK4	M1009C264	NUMBER	[PMMOResult_L3Reloc] M1009C264
SSOOTA2AHL26SECCB00HW01QK4	M1009C265	NUMBER	[PMMOResult_L3Reloc] M1009C265
SSPOXYPAHL26SECCB00HW01QK4	M1009C266	NUMBER	[PMMOResult_L3Reloc] M1009C266
SSQPN2TAHL26SECCB00HW01QK4	M1009C267	NUMBER	[PMMOResult_L3Reloc] M1009C267
SSRPNKXAHL26SECCB00HW01QK4	M1009C268	NUMBER	[PMMOResult_L3Reloc] M1009C268
SSSQAJDAHL26SECCB00HW01QK4	M1009C269	NUMBER	[PMMOResult_L3Reloc] M1009C269
SSTQDY2AHL26SECCB00HW01QK4	M1009C270	NUMBER	[PMMOResult_L3Reloc] M1009C270
SSUPW42AHL26SECCB00HW01QK4	M1009C271	NUMBER	[PMMOResult_L3Reloc] M1009C271

7.33.2 NOK_INTERRNC_FORWARD_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping

BSC_NEIGHBOUR_ID		VARCHAR2(50)	[PMMOResult_L3Reloc] RNC & "/" & RRNC
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
STOGLP6AHL26SECCB00HW01QK4	FORW_SRNS_CON_OUT	NUMBER	[PMMOResult_L3Reloc] M1009C233
STPGXJHAHL26SECCB00HW01QK4	FORW_SRNS_CON_IN	NUMBER	[PMMOResult_L3Reloc] M1009C234

7.33.3 NOK_INTERRNC_RELOCATION_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
BSC_NEIGHBOUR_ID		VARCHAR2(50)	[PMMOResult_L3Reloc] RNC & "/" & RRNC
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
SUUVV2LAHL26SECCB00HW01QK4	M1009C116	NUMBER	[PMMOResult_L3Reloc] M1009C116
SUVXTFHAHL26SECCB00HW01QK4	M1009C117	NUMBER	[PMMOResult_L3Reloc] M1009C117

7.33.4 NOK_NKNB_CWRELSRC_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
BSC_NEIGHBOUR_ID		VARCHAR2(50)	[PMMOResult_L3Reloc] RNC & "/" & RRNC
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
SSVQCGDAHL26SECCB00HW01QK4	M1009C235	NUMBER	[PMMOResult_L3Reloc] M1009C235
SSWQJPLAHL26SECCB00HW01QK4	M1009C236	NUMBER	[PMMOResult_L3Reloc] M1009C236
SSXQRWTAHL26SECCB00HW01QK4	M1009C237	NUMBER	[PMMOResult_L3Reloc] M1009C237

SSYRH6LAHL26SECCB00HW01QK4	M1009C238	NUMBER	[PMMOResult_L3Reloc] M1009C238
ST0QE6PAHL26SECCB00HW01QK4	M1009C239	NUMBER	[PMMOResult_L3Reloc] M1009C239
ST1OC6XAHL26SECCB00HW01QK4	M1009C240	NUMBER	[PMMOResult_L3Reloc] M1009C240
ST2OIXPAHL26SECCB00HW01QK4	M1009C241	NUMBER	[PMMOResult_L3Reloc] M1009C241
ST3OO1DAHL26SECCB00HW01QK4	M1009C242	NUMBER	[PMMOResult_L3Reloc] M1009C242
ST4MLVLAHL26SECCB00HW01QK4	M1009C251	NUMBER	[PMMOResult_L3Reloc] M1009C251
ST5L5RDAHL26SECCB00HW01QK4	M1009C252	NUMBER	[PMMOResult_L3Reloc] M1009C252
ST6JLHLAHL26SECCB00HW01QK4	M1009C253	NUMBER	[PMMOResult_L3Reloc] M1009C253
STAHYC6AHL26SECCB00HW01QK4	M1009C254	NUMBER	[PMMOResult_L3Reloc] M1009C254
STBHYO6AHL26SECCB00HW01QK4	M1009C255	NUMBER	[PMMOResult_L3Reloc] M1009C255
STCGIEPAHL26SECCB00HW01QK4	M1009C256	NUMBER	[PMMOResult_L3Reloc] M1009C256
STDHFIPAHL26SECCB00HW01QK4	M1009C257	NUMBER	[PMMOResult_L3Reloc] M1009C257
STEI6PLAHL26SECCB00HW01QK4	M1009C258	NUMBER	[PMMOResult_L3Reloc] M1009C258

7.33.5 NOK_NKNB_CWRELTGT_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
BSC_NEIGHBOUR_ID		VARCHAR2(50)	[PMMOResult_L3Reloc] RNC & "/" & RRNC

This edition applies to IBM® Tivoli® Netcool® Performance Manager for Wireless and to all subsequent releases and modifications until otherwise indicated in new editions.

TSTAMP		DATE	
INSTANCE_ID		NUMBER	
STFJUR6AHL26SECCB00HW01QK4	M1009C243	NUMBER	[PMMOResult_L3Reloc] M1009C243
STGJY3TAHL26SECCB00HW01QK4	M1009C244	NUMBER	[PMMOResult_L3Reloc] M1009C244
STHK16TAHL26SECCB00HW01QK4	M1009C245	NUMBER	[PMMOResult_L3Reloc] M1009C245
STIKF32AHL26SECCB00HW01QK4	M1009C246	NUMBER	[PMMOResult_L3Reloc] M1009C246
STJKXRPAHL26SECCB00HW01QK4	M1009C247	NUMBER	[PMMOResult_L3Reloc] M1009C247
STKKPLDAHL26SECCB00HW01QK4	M1009C248	NUMBER	[PMMOResult_L3Reloc] M1009C248
STLL122AHL26SECCB00HW01QK4	M1009C249	NUMBER	[PMMOResult_L3Reloc] M1009C249
STMLDCTAHL26SECCB00HW01QK4	M1009C250	NUMBER	[PMMOResult_L3Reloc] M1009C250
STNJBI2AHL26SECCB00HW01QK4	M1009C259	NUMBER	[PMMOResult_L3Reloc] M1009C259

7.33.6 NOK_NKNB_INCIRELOCCCL_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
BSC_NEIGHBOUR_ID		VARCHAR2(50)	[PMMOResult_L3Reloc] RNC & "/" & RRNC
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
SUWYRBTAHL26SECCB00HW01QK4	M1009C166	NUMBER	[PMMOResult_L3Reloc] M1009C166
SUXWNRDAHL26SECCB00HW01QK4	M1009C167	NUMBER	[PMMOResult_L3Reloc] M1009C167
SUYVUNPAHL26SECCB00HW01QK4	M1009C168	NUMBER	[PMMOResult_L3Reloc] M1009C168
SV0UV0XAHL26SECCB00H	M1009C169	NUMBER	[PMMOResult_L3Reloc]

W01QK4			M1009C169
SV1TP22AHL26SECCB00H W01QK4	M1009C170	NUMBER	[PMMOResult_L3Reloc] M1009C170
SV2V5IPAHL26SECCB00HW 01QK4	M1009C171	NUMBER	[PMMOResult_L3Reloc] M1009C171
SV3VXWLAHL26SECCB00H W01QK4	M1009C172	NUMBER	[PMMOResult_L3Reloc] M1009C172
SV4WIPLAHL26SECCB00H W01QK4	M1009C173	NUMBER	[PMMOResult_L3Reloc] M1009C173
SV5XPHPAHL26SECCB00H W01QK4	M1009C174	NUMBER	[PMMOResult_L3Reloc] M1009C174
SVAC02XAHL26SECCB00H W01QK4	M1009C175	NUMBER	[PMMOResult_L3Reloc] M1009C175
SVBDMIHAHL26SECCB00H W01QK4	M1009C176	NUMBER	[PMMOResult_L3Reloc] M1009C176
SVCCGQHAHL26SECCB00H W01QK4	M1009C177	NUMBER	[PMMOResult_L3Reloc] M1009C177
SVDDVX6AHL26SECCB00H W01QK4	M1009C178	NUMBER	[PMMOResult_L3Reloc] M1009C178
SVEEWFHAHL26SECCB00H W01QK4	M1009C179	NUMBER	[PMMOResult_L3Reloc] M1009C179
SVFFM12AHL26SECCB00H W01QK4	M1009C180	NUMBER	[PMMOResult_L3Reloc] M1009C180
SVGED5PAHL26SECCB00H W01QK4	M1009C181	NUMBER	[PMMOResult_L3Reloc] M1009C181
SVHD3V6AHL26SECCB00H W01QK4	M1009C182	NUMBER	[PMMOResult_L3Reloc] M1009C182
SVIDNL2AHL26SECCB00H W01QK4	M1009C183	NUMBER	[PMMOResult_L3Reloc] M1009C183
SVJCMLLAHL26SECCB00H W01QK4	M1009C184	NUMBER	[PMMOResult_L3Reloc] M1009C184

This edition applies to IBM® Tivoli® Netcool® Performance Manager for Wireless and to all subsequent releases and modifications until otherwise indicated in new editions.

SVKD1S2AHL26SECCB00HW01QK4	M1009C185	NUMBER	[PMMOResult_L3Reloc] M1009C185
SVLBSX6AHL26SECCB00HW01QK4	M1009C186	NUMBER	[PMMOResult_L3Reloc] M1009C186
SVM6NEHAHL26SECCB00HW01QK4	M1009C187	NUMBER	[PMMOResult_L3Reloc] M1009C187
SVN4CC2AHL26SECCB00HW01QK4	M1009C188	NUMBER	[PMMOResult_L3Reloc] M1009C188
SVO2WBHAHL26SECCB00HW01QK4	M1009C189	NUMBER	[PMMOResult_L3Reloc] M1009C189

7.33.7 NOK_NKNB_INCIRELOCCMS_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
BSC_NEIGHBOUR_ID		VARCHAR2(50)	[PMMOResult_L3Reloc] RNC & "/" & RRNC
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
SVP3BVHAHL26SECCB00HW01QK4	M1009C190	NUMBER	[PMMOResult_L3Reloc] M1009C190
SVQ3Y2LAHL26SECCB00HW01QK4	M1009C191	NUMBER	[PMMOResult_L3Reloc] M1009C191
SVR4MP2AHL26SECCB00HW01QK4	M1009C192	NUMBER	[PMMOResult_L3Reloc] M1009C192
SVS500LAHL26SECCB00HW01QK4	M1009C193	NUMBER	[PMMOResult_L3Reloc] M1009C193
SVT5246AHL26SECCB00HW01QK4	M1009C194	NUMBER	[PMMOResult_L3Reloc] M1009C194
SVU5PILAHL26SECCB00HW01QK4	M1009C195	NUMBER	[PMMOResult_L3Reloc] M1009C195

7.33.8 NOK_NKNB_INCIURELREQSRC_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
BSC_NEIGHBOUR_ID		VARCHAR2(50)	[PMMOResult_L3Reloc] RNC & "/" & RRNC

TSTAMP		DATE	
INSTANCE_ID		NUMBER	
STQFYLLAHL26SECCB00HW01QK4	M1009C196	NUMBER	[PMMOResult_L3Reloc] M1009C196
STRGDY2AHL26SECCB00HW01QK4	M1009C197	NUMBER	[PMMOResult_L3Reloc] M1009C197
STSGFRPAHL26SECCB00HW01QK4	M1009C198	NUMBER	[PMMOResult_L3Reloc] M1009C198
STTF6YHAHL26SECCB00HW01QK4	M1009C199	NUMBER	[PMMOResult_L3Reloc] M1009C199
STUD4RTAHL26SECCB00HW01QK4	M1009C200	NUMBER	[PMMOResult_L3Reloc] M1009C200
STVBHOPAHL26SECCB00HW01QK4	M1009C201	NUMBER	[PMMOResult_L3Reloc] M1009C201
STWFBOLAHL26SECCB00HW01QK4	M1009C202	NUMBER	[PMMOResult_L3Reloc] M1009C202
STXEPRLAHL26SECCB00HW01QK4	M1009C203	NUMBER	[PMMOResult_L3Reloc] M1009C203
STYEPFTAHL26SECCB00HW01QK4	M1009C204	NUMBER	[PMMOResult_L3Reloc] M1009C204
SU0FLXPAHL26SECCB00HW01QK4	M1009C205	NUMBER	[PMMOResult_L3Reloc] M1009C205
SU1G1HLAHL26SECCB00HW01QK4	M1009C206	NUMBER	[PMMOResult_L3Reloc] M1009C206
SU2FH06AHL26SECCB00HW01QK4	M1009C207	NUMBER	[PMMOResult_L3Reloc] M1009C207
SU3FSBDAHL26SECCB00HW01QK4	M1009C208	NUMBER	[PMMOResult_L3Reloc] M1009C208
SU4G15LAHL26SECCB00HW01QK4	M1009C209	NUMBER	[PMMOResult_L3Reloc] M1009C209
SU5F26HAHL26SECCB00H	M1009C210	NUMBER	[PMMOResult_L3Reloc]

This edition applies to IBM® Tivoli® Netcool® Performance Manager for Wireless and to all subsequent releases and modifications until otherwise indicated in new editions.

W01QK4			M1009C210
SU6DYTLAHL26SECCB00HW01QK4	M1009C211	NUMBER	[PMMOResult_L3Reloc] M1009C211
SUAEFN2AHL26SECCB00HW01QK4	M1009C212	NUMBER	[PMMOResult_L3Reloc] M1009C212
SUBCJVXAHL26SECCB00HW01QK4	M1009C213	NUMBER	[PMMOResult_L3Reloc] M1009C213

7.33.9 NOK_NKNB_INCIURELREQTGT_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
BSC_NEIGHBOUR_ID		VARCHAR2(50)	[PMMOResult_L3Reloc] RNC & "/" & RRNC
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
SUCD5BDAHL26SECCB00HW01QK4	M1009C214	NUMBER	[PMMOResult_L3Reloc] M1009C214
SUDDNNXAHL26SECCB00HW01QK4	M1009C215	NUMBER	[PMMOResult_L3Reloc] M1009C215
SUEDRMDAHL26SECCB00HW01QK4	M1009C216	NUMBER	[PMMOResult_L3Reloc] M1009C216
SUFDWWHAHL26SECCB00HW01QK4	M1009C217	NUMBER	[PMMOResult_L3Reloc] M1009C217
SUGBNVPAHL26SECCB00HW01QK4	M1009C218	NUMBER	[PMMOResult_L3Reloc] M1009C218
SUHC0BLAHL26SECCB00HW01QK4	M1009C219	NUMBER	[PMMOResult_L3Reloc] M1009C219
SUICPC2AHL26SECCB00HW01QK4	M1009C220	NUMBER	[PMMOResult_L3Reloc] M1009C220
SUJITOLAHL26SECCB00HW01QK4	M1009C221	NUMBER	[PMMOResult_L3Reloc] M1009C221
SUKNKNDAHL26SECCB00HW01QK4	M1009C222	NUMBER	[PMMOResult_L3Reloc] M1009C222
SULOO5XAHL26SECCB00HW01QK4	M1009C223	NUMBER	[PMMOResult_L3Reloc] M1009C223

SUMQ3XDAHL26SECCB00HW01QK4	M1009C224	NUMBER	[PMMOResult_L3Reloc] M1009C224
SUNQWXXAHL26SECCB00HW01QK4	M1009C225	NUMBER	[PMMOResult_L3Reloc] M1009C225
SUOQ5PTAHL26SECCB00HW01QK4	M1009C226	NUMBER	[PMMOResult_L3Reloc] M1009C226
SUPR5STAHL26SECCB00HW01QK4	M1009C227	NUMBER	[PMMOResult_L3Reloc] M1009C227
SUQSERDAHL26SECCB00HW01QK4	M1009C228	NUMBER	[PMMOResult_L3Reloc] M1009C228
SURT3QDAHL26SECCB00HW01QK4	M1009C229	NUMBER	[PMMOResult_L3Reloc] M1009C229
SUSTX36AHL26SECCB00HW01QK4	M1009C230	NUMBER	[PMMOResult_L3Reloc] M1009C230
SUTW6QPAHL26SECCB00HW01QK4	M1009C231	NUMBER	[PMMOResult_L3Reloc] M1009C231

7.33.10NOK_NKNB_INCRELSRC_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
BSC_NEIGHBOUR_ID		VARCHAR2(50)	[PMMOResult_L3Reloc] RNC & "/" & RRNC
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
SVV52MHAHL26SECCB00HW01QK4	M1009C118	NUMBER	[PMMOResult_L3Reloc] M1009C118
SVW4LKTAHL26SECCB00HW01QK4	M1009C119	NUMBER	[PMMOResult_L3Reloc] M1009C119
SVX6AI2AHL26SECCB00HW01QK4	M1009C120	NUMBER	[PMMOResult_L3Reloc] M1009C120
SVYAQMTAHL26SECCB00H	M1009C121	NUMBER	[PMMOResult_L3Reloc]

This edition applies to IBM® Tivoli® Netcool® Performance Manager for Wireless and to all subsequent releases and modifications until otherwise indicated in new editions.

W01QK4			M1009C121
SW0BLMPAHL26SECCB00HW01QK4	M1009C122	NUMBER	[PMMOResult_L3Reloc] M1009C122
SW1BWWPAHL26SECCB00HW01QK4	M1009C123	NUMBER	[PMMOResult_L3Reloc] M1009C123
SW2C166AHL26SECCB00HW01QK4	M1009C124	NUMBER	[PMMOResult_L3Reloc] M1009C124
SW3KDI2AHL26SECCB00HW01QK4	M1009C125	NUMBER	[PMMOResult_L3Reloc] M1009C125
SW4KB12AHL26SECCB00HW01QK4	M1009C126	NUMBER	[PMMOResult_L3Reloc] M1009C126
SW5L56DAHL26SECCB00HW01QK4	M1009C127	NUMBER	[PMMOResult_L3Reloc] M1009C127
SW6QI3DAHL26SECCB00HW01QK4	M1009C128	NUMBER	[PMMOResult_L3Reloc] M1009C128
SWAPKWPAHL26SECCB00HW01QK4	M1009C129	NUMBER	[PMMOResult_L3Reloc] M1009C129
SWBRIFPAHL26SECCB00HW01QK4	M1009C130	NUMBER	[PMMOResult_L3Reloc] M1009C130
SWCT0WTAHL26SECCB00HW01QK4	M1009C131	NUMBER	[PMMOResult_L3Reloc] M1009C131
SWDT1LLAHL26SECCB00HW01QK4	M1009C132	NUMBER	[PMMOResult_L3Reloc] M1009C132
SWESYU2AHL26SECCB00HW01QK4	M1009C133	NUMBER	[PMMOResult_L3Reloc] M1009C133
SWFSOSXAHL26SECCB00HW01QK4	M1009C134	NUMBER	[PMMOResult_L3Reloc] M1009C134
SWGRCA6AHL26SECCB00HW01QK4	M1009C135	NUMBER	[PMMOResult_L3Reloc] M1009C135
SWHSVDDAHL26SECCB00HW01QK4	M1009C136	NUMBER	[PMMOResult_L3Reloc] M1009C136
SWIREQHAHL26SECCB00HW01QK4	M1009C137	NUMBER	[PMMOResult_L3Reloc] M1009C137
SWJPVSPAHL26SECCB00HW01QK4	M1009C138	NUMBER	[PMMOResult_L3Reloc] M1009C138

SWKR21PAHL26SECCB00HW01QK4	M1009C139	NUMBER	[PMMOResult_L3Reloc] M1009C139
SWLSIUHAHL26SECCB00HW01QK4	M1009C140	NUMBER	[PMMOResult_L3Reloc] M1009C140
SWMQOHTAHL26SECCB00HW01QK4	M1009C141	NUMBER	[PMMOResult_L3Reloc] M1009C141

7.33.11NOK_NKNB_INCRELTGT_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
BSC_NEIGHBOUR_ID		VARCHAR2(50)	[PMMOResult_L3Reloc] RNC & "/" & RRNC
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
SWNS2ETAHL26SECCB00HW01QK4	M1009C142	NUMBER	[PMMOResult_L3Reloc] M1009C142
SWORECTAHL26SECCB00HW01QK4	M1009C143	NUMBER	[PMMOResult_L3Reloc] M1009C143
SWPSETLAHL26SECCB00HW01QK4	M1009C144	NUMBER	[PMMOResult_L3Reloc] M1009C144
SWQST2XAHL26SECCB00HW01QK4	M1009C145	NUMBER	[PMMOResult_L3Reloc] M1009C145
SWRT45LAHL26SECCB00HW01QK4	M1009C146	NUMBER	[PMMOResult_L3Reloc] M1009C146
SWSUAPLAHL26SECCB00HW01QK4	M1009C147	NUMBER	[PMMOResult_L3Reloc] M1009C147
SWTUMJTAHL26SECCB00HW01QK4	M1009C148	NUMBER	[PMMOResult_L3Reloc] M1009C148
SWUVAN2AHL26SECCB00HW01QK4	M1009C149	NUMBER	[PMMOResult_L3Reloc] M1009C149
SWVTULTAHL26SECCB00H	M1009C150	NUMBER	[PMMOResult_L3Reloc]

This edition applies to IBM® Tivoli® Netcool® Performance Manager for Wireless and to all subsequent releases and modifications until otherwise indicated in new editions.

W01QK4			M1009C150
SWWUHVHAHL26SECCB00HW01QK4	M1009C151	NUMBER	[PMMOResult_L3Reloc] M1009C151
SWXTKTLAHL26SECCB00HW01QK4	M1009C152	NUMBER	[PMMOResult_L3Reloc] M1009C152
SWYTW5TAHL26SECCB00HW01QK4	M1009C153	NUMBER	[PMMOResult_L3Reloc] M1009C153
SX0V3B2AHL26SECCB00HW01QK4	M1009C154	NUMBER	[PMMOResult_L3Reloc] M1009C154
SX1WBGLAHL26SECCB00HW01QK4	M1009C155	NUMBER	[PMMOResult_L3Reloc] M1009C155
SX2WF5PAHL26SECCB00HW01QK4	M1009C156	NUMBER	[PMMOResult_L3Reloc] M1009C156
SX42GG6AHL26SECCB00HW01QK4	M1009C157	NUMBER	[PMMOResult_L3Reloc] M1009C157
SX5CM3XAHL26SECCB00HW01QK4	M1009C158	NUMBER	[PMMOResult_L3Reloc] M1009C158
SX6DKF6AHL26SECCB00HW01QK4	M1009C159	NUMBER	[PMMOResult_L3Reloc] M1009C159
SXAES3LAHL26SECCB00HW01QK4	M1009C160	NUMBER	[PMMOResult_L3Reloc] M1009C160
SXBGNLTAHL26SECCB00HW01QK4	M1009C161	NUMBER	[PMMOResult_L3Reloc] M1009C161
SXCI46PAHL26SECCB00HW01QK4	M1009C162	NUMBER	[PMMOResult_L3Reloc] M1009C162
SXDJADLAHL26SECCB00HW01QK4	M1009C163	NUMBER	[PMMOResult_L3Reloc] M1009C163
SXEJNR2AHL26SECCB00HW01QK4	M1009C164	NUMBER	[PMMOResult_L3Reloc] M1009C164
SXFIQR2AHL26SECCB00HW01QK4	M1009C165	NUMBER	[PMMOResult_L3Reloc] M1009C165

7.33.12NOK_NKNBRNC_PSW_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping

BSC_NEIGHBOUR_ID		VARCHAR2(50)	[PMMOResult_L3Reloc] RNC & "/" & RRNC
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
SXGIIITAHL26SECCB00HW01QK4	M1009C272	NUMBER	[PMMOResult_L3Reloc] M1009C272
SXHJJCXAHL26SECCB00HW01QK4	SRNS_CON_REQ_IN	NUMBER	[PMMOResult_L3Reloc] M1009C273
SXIKL06AHL26SECCB00HW01QK4	SRNS_CON_RES_OUT	NUMBER	[PMMOResult_L3Reloc] M1009C274
SXJLA6HAHL26SECCB00HW01QK4	SRNS_DATA_FRW_IN	NUMBER	[PMMOResult_L3Reloc] M1009C275

7.33.13NOK_NKNR_RNPDRLRCUFIUR_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
BSC_NEIGHBOUR_ID		VARCHAR2(50)	[PMMOResult_L3Iur] RNC & "/" & RRNC
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
T1PCU56AHL26SECCB00HW01QK4	M1004C139	NUMBER	[PMMOResult_L3Iur] M1004C139
T1QEVHPAHL26SECCB00HW01QK4	M1004C140	NUMBER	[PMMOResult_L3Iur] M1004C140
T1RHJV2AHL26SECCB00HW01QK4	M1004C141	NUMBER	[PMMOResult_L3Iur] M1004C141
T1SQIEPAHL26SECCB00HW01QK4	M1004C142	NUMBER	[PMMOResult_L3Iur] M1004C142

7.33.14NOK_NKNR_RNPDRLRCUIUR_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
BSC_NEIGHBOUR_ID		VARCHAR2(50)	[PMMOResult_L3Iur] RNC & "/" & RRNC
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
T1TSMP2AHL26SECCB00HW01QK4	M1004C137	NUMBER	[PMMOResult_L3Iur] M1004C137
T1UTNWDAHL26SECCB00HW01QK4	M1004C138	NUMBER	[PMMOResult_L3Iur] M1004C138

7.33.15NOK_NKNRN_IURSRLRQSRC_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
BSC_NEIGHBOUR_ID		VARCHAR2(50)	[PMMOResult_L3Reloc] RNC & "/" & RRNC
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
T2GUMA2AHL26SECCB00HW01QK4	M1009C80	NUMBER	[PMMOResult_L3Reloc] M1009C80
T2HU0DTAHL26SECCB00HW01QK4	M1009C81	NUMBER	[PMMOResult_L3Reloc] M1009C81
T2IWYRPAHL26SECCB00HW01QK4	M1009C82	NUMBER	[PMMOResult_L3Reloc] M1009C82
T2K4I1DAHL26SECCB00HW01QK4	M1009C83	NUMBER	[PMMOResult_L3Reloc] M1009C83
T2L5UM2AHL26SECCB00HW01QK4	M1009C84	NUMBER	[PMMOResult_L3Reloc] M1009C84
T2MBQGXAHL26SECCB00HW01QK4	M1009C85	NUMBER	[PMMOResult_L3Reloc] M1009C85
T2NEB1HAHL26SECCB00HW01QK4	M1009C86	NUMBER	[PMMOResult_L3Reloc] M1009C86
T2OETMXAHL26SECCB00HW01QK4	M1009C87	NUMBER	[PMMOResult_L3Reloc] M1009C87

T2PHXGTAHL26SECCB00HW01QK4	M1009C88	NUMBER	[PMMOResult_L3Reloc] M1009C88
T2QJ0HPAHL26SECCB00HW01QK4	M1009C89	NUMBER	[PMMOResult_L3Reloc] M1009C89
T2RMW1PAHL26SECCB00HW01QK4	M1009C90	NUMBER	[PMMOResult_L3Reloc] M1009C90
T2SPS2TAHL26SECCB00HW01QK4	M1009C91	NUMBER	[PMMOResult_L3Reloc] M1009C91
T2TQCRPAHL26SECCB00HW01QK4	M1009C92	NUMBER	[PMMOResult_L3Reloc] M1009C92
T2UQNNDAHL26SECCB00HW01QK4	M1009C93	NUMBER	[PMMOResult_L3Reloc] M1009C93
T2VUDOXAHL26SECCB00HW01QK4	M1009C94	NUMBER	[PMMOResult_L3Reloc] M1009C94
T2WWSW2AHL26SECCB00HW01QK4	M1009C95	NUMBER	[PMMOResult_L3Reloc] M1009C95
T2Y1AFDAHL26SECCB00HW01QK4	M1009C96	NUMBER	[PMMOResult_L3Reloc] M1009C96
T303YLXAHL26SECCB00HW01QK4	M1009C97	NUMBER	[PMMOResult_L3Reloc] M1009C97
T316Y4LAHL26SECCB00HW01QK4	M1009C232	NUMBER	[PMMOResult_L3Reloc] M1009C232

7.33.16NOK_NKNRN_IURSRLRQTGT_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
BSC_NEIGHBOUR_ID		VARCHAR2(50)	[PMMOResult_L3Reloc] RNC & "/" & RRNC
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
T32A136AHL26SECCB00H	M1009C98	NUMBER	[PMMOResult_L3Reloc]

This edition applies to IBM® Tivoli® Netcool® Performance Manager for Wireless and to all subsequent releases and modifications until otherwise indicated in new editions.

W01QK4			M1009C98
T33BMGXAHL26SECCB00HW01QK4	M1009C99	NUMBER	[PMMOResult_L3Reloc] M1009C99
T34EM3XAHL26SECCB00HW01QK4	M1009C100	NUMBER	[PMMOResult_L3Reloc] M1009C100
T35GUDPAHL26SECCB00HW01QK4	M1009C101	NUMBER	[PMMOResult_L3Reloc] M1009C101
T36K1OTAHL26SECCB00HW01QK4	M1009C102	NUMBER	[PMMOResult_L3Reloc] M1009C102
T3AKOPLAHL26SECCB00HW01QK4	M1009C103	NUMBER	[PMMOResult_L3Reloc] M1009C103
T3BMEMPAHL26SECCB00HW01QK4	M1009C104	NUMBER	[PMMOResult_L3Reloc] M1009C104
T3CPM0LAHL26SECCB00HW01QK4	M1009C105	NUMBER	[PMMOResult_L3Reloc] M1009C105
T3DPG6HAHL26SECCB00HW01QK4	M1009C106	NUMBER	[PMMOResult_L3Reloc] M1009C106
T3ERIP2AHL26SECCB00HW01QK4	M1009C107	NUMBER	[PMMOResult_L3Reloc] M1009C107
T3FYJC2AHL26SECCB00HW01QK4	M1009C108	NUMBER	[PMMOResult_L3Reloc] M1009C108
T3H2BGTAHL26SECCB00HW01QK4	M1009C109	NUMBER	[PMMOResult_L3Reloc] M1009C109
T3I2X16AHL26SECCB00HW01QK4	M1009C110	NUMBER	[PMMOResult_L3Reloc] M1009C110
T3J5HIPAHL26SECCB00HW01QK4	M1009C111	NUMBER	[PMMOResult_L3Reloc] M1009C111
T3K6YTLAHL26SECCB00HW01QK4	M1009C112	NUMBER	[PMMOResult_L3Reloc] M1009C112
T3LBSL6AHL26SECCB00HW01QK4	M1009C113	NUMBER	[PMMOResult_L3Reloc] M1009C113
T3MEBGHAHL26SECCB00HW01QK4	M1009C114	NUMBER	[PMMOResult_L3Reloc] M1009C114
T3NF12XAHL26SECCB00HW01QK4	M1009C115	NUMBER	[PMMOResult_L3Reloc] M1009C115

7.33.17NOK_NKNRN_MACPDUDAT_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
BSC_NEIGHBOUR_ID		VARCHAR2(50)	[PMMOResult_L3Iur] RNC & "/" & RRNC
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
XDRXAO4DMM2AICSD002UAXYBDK	M1004C147	NUMBER	[PMMOResult_L3Iur] M1004C147
XDRXAO6DMM2AICSD002UAXYBDK	M1004C148	NUMBER	[PMMOResult_L3Iur] M1004C148
XDRXAOBDMM2AICSD002UAXYBDK	M1004C149	NUMBER	[PMMOResult_L3Iur] M1004C149
XDRXAODDMM2AICSD002UAXYBDK	M1004C150	NUMBER	[PMMOResult_L3Iur] M1004C150
XDRXAOFDMM2AICSD002UAXYBDK	M1004C151	NUMBER	[PMMOResult_L3Iur] M1004C151
XDRXAOHDMM2AICSD002UAXYBDK	M1004C152	NUMBER	[PMMOResult_L3Iur] M1004C152
XDRXAOJDMM2AICSD002UAXYBDK	M1004C153	NUMBER	[PMMOResult_L3Iur] M1004C153
XDRXAOLDMM2AICSD002UAXYBDK	M1004C154	NUMBER	[PMMOResult_L3Iur] M1004C154
XDRXAONDMM2AICSD002UAXYBDK	M1004C155	NUMBER	[PMMOResult_L3Iur] M1004C155
XDRXAOPDMM2AICSD002UAXYBDK	M1004C156	NUMBER	[PMMOResult_L3Iur] M1004C156
XDRXAORDMM2AICSD002UAXYBDK	M1004C157	NUMBER	[PMMOResult_L3Iur] M1004C157
XDRXAOTDMM2AICSD002U	M1004C158	NUMBER	[PMMOResult_L3Iur]

AXYBDK			M1004C158
XDRXAOVDMM2AICSD002U AXYBDK	M1004C159	NUMBER	[PMMOResult_L3Iur] M1004C159
XDRXAOXDMM2AICSD002U AXYBDK	M1004C160	NUMBER	[PMMOResult_L3Iur] M1004C160
XDRXAP0DMM2AICSD002U AXYBDK	M1004C161	NUMBER	[PMMOResult_L3Iur] M1004C161
XDRXAP2DMM2AICSD002U AXYBDK	M1004C162	NUMBER	[PMMOResult_L3Iur] M1004C162
XDRXAP4DMM2AICSD002U AXYBDK	M1004C163	NUMBER	[PMMOResult_L3Iur] M1004C163
XDRXAP6DMM2AICSD002U AXYBDK	M1004C164	NUMBER	[PMMOResult_L3Iur] M1004C164

7.33.18NOK_NKNRN_NRTDCHF_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
BSC_NEIGHBOUR_ID		VARCHAR2(50)	[PMMOResult_L3Iur] RNC & "/" & RRNC
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
XDRXAPBDMM2AICSD002U AXYBDK	M1004C165	NUMBER	[PMMOResult_L3Iur] M1004C165
XDRXAPDDMM2AICSD002U AXYBDK	M1004C166	NUMBER	[PMMOResult_L3Iur] M1004C166
XDRXAPFDMM2AICSD002U AXYBDK	M1004C167	NUMBER	[PMMOResult_L3Iur] M1004C167

7.33.19NOK_NKNRN_RSDCHDDTIUR_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
BSC_NEIGHBOUR_ID		VARCHAR2(50)	[PMMOResult_L3Iur] RNC & "/" & RRNC
TSTAMP		DATE	
INSTANCE_ID		NUMBER	

SXMO2LLAHL26SECCB00HW01QK4	M1004C86	NUMBER	[PMMOResult_L3Iur] M1004C86
SXNVODTAHL26SECCB00HW01QK4	NBR_OF_REC_DED_MEA_RES_ON_SRNC	NUMBER	[PMMOResult_L3Iur] M1004C87
SXPHOSTAHL26SECCB00HW01QK4	M1004C88	NUMBER	[PMMOResult_L3Iur] M1004C88
SXQHMXLAHL26SECCB00HW01QK4	NBR_OF_REC_DED_MEA_INI_ON_DRNC	NUMBER	[PMMOResult_L3Iur] M1004C89
SXRJMPPAHL26SECCB00HW01QK4	M1004C90	NUMBER	[PMMOResult_L3Iur] M1004C90
SXSL3MXAHL26SECCB00HW01QK4	M1004C91	NUMBER	[PMMOResult_L3Iur] M1004C91
SXTN0O6AHL26SECCB00HW01QK4	NBR_OF_REC_DED_MEA_REP_ON_SRNC	NUMBER	[PMMOResult_L3Iur] M1004C92
SXUOMGPAHL26SECCB00HW01QK4	M1004C93	NUMBER	[PMMOResult_L3Iur] M1004C93
SXVNBUXAHL26SECCB00HW01QK4	M1004C94	NUMBER	[PMMOResult_L3Iur] M1004C94
SXWPQNPAHL26SECCB00HW01QK4	M1004C95	NUMBER	[PMMOResult_L3Iur] M1004C95
SXXX0AXAHL26SECCB00HW01QK4	M1004C96	NUMBER	[PMMOResult_L3Iur] M1004C96
SXYY00XAHL26SECCB00HW01QK4	M1004C97	NUMBER	[PMMOResult_L3Iur] M1004C97

7.33.20NOK_NKNRN_RSDCRDLKADIUR_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
BSC_NEIGHBOUR_ID		VARCHAR2(50)	[PMMOResult_L3Iur] RNC & "/" & RRNC
TSTAMP		DATE	

This edition applies to IBM® Tivoli® Netcool® Performance Manager for Wireless and to all subsequent releases and modifications until otherwise indicated in new editions.

INSTANCE_ID		NUMBER	
SY102V2AHL26SECCB00HW01QK4	M1004C12	NUMBER	[PMMOResult_L3Iur] M1004C12
SY21536AHL26SECCB00HW01QK4	M1004C13	NUMBER	[PMMOResult_L3Iur] M1004C13
SY32YR6AHL26SECCB00HW01QK4	M1004C14	NUMBER	[PMMOResult_L3Iur] M1004C14
SY43VFLAHL26SECCB00HW01QK4	M1004C15	NUMBER	[PMMOResult_L3Iur] M1004C15
SY54HIHAHL26SECCB00HW01QK4	M1004C16	NUMBER	[PMMOResult_L3Iur] M1004C16
SY64XIHAHL26SECCB00HW01QK4	M1004C17	NUMBER	[PMMOResult_L3Iur] M1004C17
SYA4X6TAHL26SECCB00HW01QK4	M1004C18	NUMBER	[PMMOResult_L3Iur] M1004C18
SYB6OIPAHL26SECCB00HW01QK4	M1004C19	NUMBER	[PMMOResult_L3Iur] M1004C19
SYCA1FHAHL26SECCB00HW01QK4	M1004C20	NUMBER	[PMMOResult_L3Iur] M1004C20
SYD6VJDAHL26SECCB00HW01QK4	M1004C21	NUMBER	[PMMOResult_L3Iur] M1004C21
SYECHV2AHL26SECCB00HW01QK4	M1004C22	NUMBER	[PMMOResult_L3Iur] M1004C22
SYFBP66AHL26SECCB00HW01QK4	M1004C23	NUMBER	[PMMOResult_L3Iur] M1004C23

7.33.21NOK_NKNRN_RSDCRDLKFLIUR_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
BSC_NEIGHBOUR_ID		VARCHAR2(50)	[PMMOResult_L3Iur] RNC & "/" & RRNC
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
SYW13E6AHL26SECCB00HW01QK4	M1004C112	NUMBER	[PMMOResult_L3Iur] M1004C112

SYHFNFLAHL26SECCB00HW01QK4	M1004C24	NUMBER	[PMMOResult_L3Iur] M1004C24
SYIHHADAHL26SECCB00HW01QK4	M1004C25	NUMBER	[PMMOResult_L3Iur] M1004C25
SYJGOMDAHL26SECCB00HW01QK4	M1004C26	NUMBER	[PMMOResult_L3Iur] M1004C26
SYKJGVHAHL26SECCB00HW01QK4	M1004C27	NUMBER	[PMMOResult_L3Iur] M1004C27
SYLKJPXAHL26SECCB00HW01QK4	M1004C28	NUMBER	[PMMOResult_L3Iur] M1004C28
SYMLNJPAHL26SECCB00HW01QK4	M1004C29	NUMBER	[PMMOResult_L3Iur] M1004C29
SYNOGD2AHL26SECCB00HW01QK4	M1004C30	NUMBER	[PMMOResult_L3Iur] M1004C30
SYOQLH2AHL26SECCB00HW01QK4	M1004C31	NUMBER	[PMMOResult_L3Iur] M1004C31
SYPSDXXAHL26SECCB00HW01QK4	M1004C32	NUMBER	[PMMOResult_L3Iur] M1004C32
SYQUMI2AHL26SECCB00HW01QK4	M1004C33	NUMBER	[PMMOResult_L3Iur] M1004C33
SYRUISPAHL26SECCB00HW01QK4	M1004C34	NUMBER	[PMMOResult_L3Iur] M1004C34
SYSTWE6AHL26SECCB00HW01QK4	M1004C36	NUMBER	[PMMOResult_L3Iur] M1004C36
SYTWGBTAHL26SECCB00HW01QK4	M1004C35	NUMBER	[PMMOResult_L3Iur] M1004C35
SYUYDJDAHL26SECCB00HW01QK4	M1004C37	NUMBER	[PMMOResult_L3Iur] M1004C37

7.33.22NOK_NKNRN_RSDCRDLKIUR_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping

This edition applies to IBM® Tivoli® Netcool® Performance Manager for Wireless and to all subsequent releases and modifications until otherwise indicated in new editions.

BSC_NEIGHBOUR_ID		VARCHAR2(50)	[PMMOResult_L3Iur] RNC & "/" & RRNC
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
SYX2PCXAHL26SECCB00HW01QK4	M1004C98	NUMBER	[PMMOResult_L3Iur] M1004C98
SYY4J26AHL26SECCB00HW01QK4	M1004C99	NUMBER	[PMMOResult_L3Iur] M1004C99
T0033SHAHL26SECCB00HW01QK4	NBR_OF_REC_RL_RES_IND_ON_SRNC	NUMBER	[PMMOResult_L3Iur] M1004C100
T0120TTAHL26SECCB00HW01QK4	NBR_OF_SENT_RL_RES_IND_ON_DRNC	NUMBER	[PMMOResult_L3Iur] M1004C101
T024WPTAHL26SECCB00HW01QK4	M1004C102	NUMBER	[PMMOResult_L3Iur] M1004C102
T036T5DAHL26SECCB00HW01QK4	M1004C103	NUMBER	[PMMOResult_L3Iur] M1004C103
T0450QDAHL26SECCB00HW01QK4	M1004C104	NUMBER	[PMMOResult_L3Iur] M1004C104
T0540ETAHL26SECCB00HW01QK4	M1004C105	NUMBER	[PMMOResult_L3Iur] M1004C105

7.33.23NOK_NKNRN_RSDCRDLKSFIU_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
BSC_NEIGHBOUR_ID		VARCHAR2(50)	[PMMOResult_L3Iur] RNC & "/" & RRNC
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
T066SLDAHL26SECCB00HW01QK4	M1004C50	NUMBER	[PMMOResult_L3Iur] M1004C50
T0ABXW6AHL26SECCB00HW01QK4	M1004C51	NUMBER	[PMMOResult_L3Iur] M1004C51
T0BEBBTAHL26SECCB00HW01QK4	M1004C52	NUMBER	[PMMOResult_L3Iur] M1004C52
T0CJTVLAHL26SECCB00H	M1004C53	NUMBER	[PMMOResult_L3Iur]

W01QK4			M1004C53
T0DM34LAHL26SECCB00H W01QK4	M1004C54	NUMBER	[PMMOResult_L3Iur] M1004C54
T0EN3Q6AHL26SECCB00H W01QK4	M1004C55	NUMBER	[PMMOResult_L3Iur] M1004C55
T0FOVB2AHL26SECCB00H W01QK4	M1004C56	NUMBER	[PMMOResult_L3Iur] M1004C56
T0GR5RPAHL26SECCB00H W01QK4	M1004C57	NUMBER	[PMMOResult_L3Iur] M1004C57
T0HSC6LAHL26SECCB00H W01QK4	M1004C58	NUMBER	[PMMOResult_L3Iur] M1004C58
T0IU4HDAHL26SECCB00H W01QK4	M1004C59	NUMBER	[PMMOResult_L3Iur] M1004C59
T0K31TLAHL26SECCB00H W01QK4	M1004C60	NUMBER	[PMMOResult_L3Iur] M1004C60
T0L4KCHAHL26SECCB00H W01QK4	M1004C61	NUMBER	[PMMOResult_L3Iur] M1004C61
T0M5G2DAHL26SECCB00H W01QK4	M1004C82	NUMBER	[PMMOResult_L3Iur] M1004C82
T0N6P2XAHL26SECCB00H W01QK4	M1004C62	NUMBER	[PMMOResult_L3Iur] M1004C62
T0O665PAHL26SECCB00H W01QK4	M1004C63	NUMBER	[PMMOResult_L3Iur] M1004C63
T0P4Y36AHL26SECCB00H W01QK4	M1004C64	NUMBER	[PMMOResult_L3Iur] M1004C64
T0Q44TPAHL26SECCB00H W01QK4	M1004C65	NUMBER	[PMMOResult_L3Iur] M1004C65
T0R6GQXAHL26SECCB00H W01QK4	M1004C66	NUMBER	[PMMOResult_L3Iur] M1004C66
T0SAXMTAHL26SECCB00 HW01QK4	M1004C67	NUMBER	[PMMOResult_L3Iur] M1004C67

This edition applies to IBM® Tivoli® Netcool® Performance Manager for Wireless and to all subsequent releases and modifications until otherwise indicated in new editions.

T0TCVXDAHL26SECCB00HW01QK4	M1004C68	NUMBER	[PMMOResult_L3Iur] M1004C68
T0UC03DAHL26SECCB00HW01QK4	M1004C69	NUMBER	[PMMOResult_L3Iur] M1004C69
T0VEMOTAHL26SECCB00HW01QK4	M1004C70	NUMBER	[PMMOResult_L3Iur] M1004C70
T0WG0FLAHL26SECCB00HW01QK4	M1004C71	NUMBER	[PMMOResult_L3Iur] M1004C71
T0XHBFPAHL26SECCB00HW01QK4	M1004C72	NUMBER	[PMMOResult_L3Iur] M1004C72
T0YIQHHAHL26SECCB00HW01QK4	M1004C73	NUMBER	[PMMOResult_L3Iur] M1004C73
T10JJ3XAHL26SECCB00HW01QK4	M1004C83	NUMBER	[PMMOResult_L3Iur] M1004C83

7.33.24NOK_NKNRN_RSDCRDLKSIU_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
BSC_NEIGHBOUR_ID		VARCHAR2(50)	[PMMOResult_L3Iur] RNC & "/" & RRNC
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
T11LUXDAHL26SECCB00HW01QK4	M1004C38	NUMBER	[PMMOResult_L3Iur] M1004C38
T12N30HAHL26SECCB00HW01QK4	M1004C39	NUMBER	[PMMOResult_L3Iur] M1004C39
T13P10DAHL26SECCB00HW01QK4	M1004C40	NUMBER	[PMMOResult_L3Iur] M1004C40
T14RFO2AHL26SECCB00HW01QK4	M1004C78	NUMBER	[PMMOResult_L3Iur] M1004C78
T15SW4HAHL26SECCB00HW01QK4	M1004C41	NUMBER	[PMMOResult_L3Iur] M1004C41
T16SGH2AHL26SECCB00HW01QK4	M1004C42	NUMBER	[PMMOResult_L3Iur] M1004C42
T1AQMKPAHL26SECCB00	M1004C43	NUMBER	[PMMOResult_L3Iur]

HW01QK4			M1004C43
T1BQ4IDAHL26SECCB00H W01QK4	M1004C79	NUMBER	[PMMOResult_L3Iur] M1004C79
T1CSEW2AHL26SECCB00H W01QK4	M1004C44	NUMBER	[PMMOResult_L3Iur] M1004C44
T1DS1VLAHL26SECCB00H W01QK4	M1004C45	NUMBER	[PMMOResult_L3Iur] M1004C45
T1F2VQPAHL26SECCB00H W01QK4	M1004C46	NUMBER	[PMMOResult_L3Iur] M1004C46
T1G5S5XAHL26SECCB00H W01QK4	M1004C80	NUMBER	[PMMOResult_L3Iur] M1004C80
T1H6UQPAHL26SECCB00H W01QK4	M1004C47	NUMBER	[PMMOResult_L3Iur] M1004C47
T1I5K5XAHL26SECCB00H W01QK4	M1004C48	NUMBER	[PMMOResult_L3Iur] M1004C48
T1J4YGDAHL26SECCB00H W01QK4	M1004C49	NUMBER	[PMMOResult_L3Iur] M1004C49
T1KA1GDAHL26SECCB00H W01QK4	M1004C81	NUMBER	[PMMOResult_L3Iur] M1004C81

7.33.25NOK_NKNRN_RSDCRDLKSMIU_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
BSC_NEIGHBOUR_ID		VARCHAR2(50)	[PMMOResult_L3Iur] RNC & "/" & RRNC
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
T1L6VSDAHL26SECCB00H W01QK4	M1004C74	NUMBER	[PMMOResult_L3Iur] M1004C74
T1MBFB6AHL26SECCB00H W01QK4	M1004C75	NUMBER	[PMMOResult_L3Iur] M1004C75

This edition applies to IBM® Tivoli® Netcool® Performance Manager for Wireless and to all subsequent releases and modifications until otherwise indicated in new editions.

T1NBWY6AHL26SECCB00HW01QK4	M1004C76	NUMBER	[PMMOResult_L3Iur] M1004C76
T1ODPXHAHL26SECCB00HW01QK4	M1004C77	NUMBER	[PMMOResult_L3Iur] M1004C77

7.33.26NOK_NKNRN_RSDCRDLKSTIUR_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
BSC_NEIGHBOUR_ID		VARCHAR2(50)	[PMMOResult_L3Iur] RNC & "/" & RRNC
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
T1VWOOPAHL26SECCB00HW01QK4	M1004C0	NUMBER	[PMMOResult_L3Iur] M1004C0
T1WWTETAHL26SECCB00HW01QK4	M1004C1	NUMBER	[PMMOResult_L3Iur] M1004C1
T1XWTWHAHL26SECCB00HW01QK4	M1004C2	NUMBER	[PMMOResult_L3Iur] M1004C2
T1YWNDDAHL26SECCB00HW01QK4	M1004C3	NUMBER	[PMMOResult_L3Iur] M1004C3
T2111KHAHL26SECCB00HW01QK4	M1004C4	NUMBER	[PMMOResult_L3Iur] M1004C4
T222J1PAHL26SECCB00HW01QK4	M1004C5	NUMBER	[PMMOResult_L3Iur] M1004C5
T235AOLAHL26SECCB00HW01QK4	M1004C6	NUMBER	[PMMOResult_L3Iur] M1004C6
T245MWLAHL26SECCB00HW01QK4	M1004C7	NUMBER	[PMMOResult_L3Iur] M1004C7
T25BBIXAHL26SECCB00HW01QK4	M1004C8	NUMBER	[PMMOResult_L3Iur] M1004C8
T26DOQXAHL26SECCB00HW01QK4	M1004C9	NUMBER	[PMMOResult_L3Iur] M1004C9
T2AGECLAHL26SECCB00HW01QK4	M1004C10	NUMBER	[PMMOResult_L3Iur] M1004C10
T2BILLDAHL26SECCB00H	M1004C11	NUMBER	[PMMOResult_L3Iur]

W01QK4			M1004C11

7.33.27NOK_NKNRN_RSPCALLOC_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
BSC_NEIGHBOUR_ID		VARCHAR2(50)	[PMMOResult_L3Reloc] RNC & "/" & RRNC
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
T3QHA0TAHL26SECCB00HW01QK4	M1009C26	NUMBER	[PMMOResult_L3Reloc] M1009C26
T3RGPKHAHL26SECCB00HW01QK4	M1009C27	NUMBER	[PMMOResult_L3Reloc] M1009C27
T3SF5HXAHL26SECCB00HW01QK4	M1009C28	NUMBER	[PMMOResult_L3Reloc] M1009C28
T3TIE12AHL26SECCB00HW01QK4	M1009C29	NUMBER	[PMMOResult_L3Reloc] M1009C29
T3UKS5TAHL26SECCB00HW01QK4	M1009C30	NUMBER	[PMMOResult_L3Reloc] M1009C30
T3VM4KHAHL26SECCB00HW01QK4	M1009C31	NUMBER	[PMMOResult_L3Reloc] M1009C31
T3WODKLAHL26SECCB00HW01QK4	M1009C32	NUMBER	[PMMOResult_L3Reloc] M1009C32
T3XQ656AHL26SECCB00HW01QK4	M1009C33	NUMBER	[PMMOResult_L3Reloc] M1009C33
T3YT1DTAHL26SECCB00HW01QK4	M1009C34	NUMBER	[PMMOResult_L3Reloc] M1009C34
T40U26TAHL26SECCB00HW01QK4	M1009C35	NUMBER	[PMMOResult_L3Reloc] M1009C35
T41WDW6AHL26SECCB00HW01QK4	M1009C36	NUMBER	[PMMOResult_L3Reloc] M1009C36

T4300Y2AHL26SECCB00HW01QK4	M1009C37	NUMBER	[PMMOResult_L3Reloc] M1009C37
T442QOLAHL26SECCB00HW01QK4	M1009C38	NUMBER	[PMMOResult_L3Reloc] M1009C38
T454U36AHL26SECCB00HW01QK4	M1009C39	NUMBER	[PMMOResult_L3Reloc] M1009C39
T46A03HAHL26SECCB00HW01QK4	M1009C40	NUMBER	[PMMOResult_L3Reloc] M1009C40
T4A6NEXAHL26SECCB00HW01QK4	M1009C41	NUMBER	[PMMOResult_L3Reloc] M1009C41
T4BBNIXAHL26SECCB00HW01QK4	M1009C42	NUMBER	[PMMOResult_L3Reloc] M1009C42
T4CCC6LAHL26SECCB00HW01QK4	M1009C43	NUMBER	[PMMOResult_L3Reloc] M1009C43
T4DE1HPAHL26SECCB00HW01QK4	M1009C44	NUMBER	[PMMOResult_L3Reloc] M1009C44
T4EE532AHL26SECCB00HW01QK4	M1009C45	NUMBER	[PMMOResult_L3Reloc] M1009C45
T4FGRC2AHL26SECCB00HW01QK4	M1009C46	NUMBER	[PMMOResult_L3Reloc] M1009C46
T4GGQGPAHL26SECCB00HW01QK4	M1009C47	NUMBER	[PMMOResult_L3Reloc] M1009C47
T4HIKRPAHL26SECCB00HW01QK4	M1009C48	NUMBER	[PMMOResult_L3Reloc] M1009C48
T4IJD3LAHL26SECCB00HW01QK4	M1009C49	NUMBER	[PMMOResult_L3Reloc] M1009C49

7.33.28NOK_NKNRN_RSPCCCLCN_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
BSC_NEIGHBOUR_ID		VARCHAR2(50)	[PMMOResult_L3Reloc] RNC & "/" & RRNC
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
T4JLBP6AHL26SECCB00H	M1009C66	NUMBER	[PMMOResult_L3Reloc]

W01QK4			M1009C66
T4KNWSHAHL26SECCB00HW01QK4	M1009C67	NUMBER	[PMMOResult_L3Reloc] M1009C67
T4LPS5LAHL26SECCB00HW01QK4	M1009C68	NUMBER	[PMMOResult_L3Reloc] M1009C68
T4MRCVHAHL26SECCB00HW01QK4	M1009C69	NUMBER	[PMMOResult_L3Reloc] M1009C69
T4NTF1HAHL26SECCB00HW01QK4	M1009C70	NUMBER	[PMMOResult_L3Reloc] M1009C70
T4OWIPDAHL26SECCB00HW01QK4	M1009C71	NUMBER	[PMMOResult_L3Reloc] M1009C71
T4PYE4DAHL26SECCB00HW01QK4	M1009C72	NUMBER	[PMMOResult_L3Reloc] M1009C72
T4R05FHAHL26SECCB00HW01QK4	M1009C73	NUMBER	[PMMOResult_L3Reloc] M1009C73

7.33.29NOK_NKNRN_RSPCCCLMITGT_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
BSC_NEIGHBOUR_ID		VARCHAR2(50)	[PMMOResult_L3Reloc] RNC & "/" & RRNC
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
T5D0WPDAHL26SECCB00HW01QK4	M1009C74	NUMBER	[PMMOResult_L3Reloc] M1009C74
T5E3IM2AHL26SECCB00HW01QK4	M1009C75	NUMBER	[PMMOResult_L3Reloc] M1009C75
T5F6D26AHL26SECCB00HW01QK4	M1009C76	NUMBER	[PMMOResult_L3Reloc] M1009C76
T5G6NWTAHL26SECCB00HW01QK4	M1009C77	NUMBER	[PMMOResult_L3Reloc] M1009C77

This edition applies to IBM® Tivoli® Netcool® Performance Manager for Wireless and to all subsequent releases and modifications until otherwise indicated in new editions.

T5HAFSPAHL26SECCB00HW01QK4	M1009C78	NUMBER	[PMMOResult_L3Reloc] M1009C78
T5IDJF2AHL26SECCB00HW01QK4	M1009C79	NUMBER	[PMMOResult_L3Reloc] M1009C79

7.33.30NOK_NKNRN_RSPCCCLMSC_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
BSC_NEIGHBOUR_ID		VARCHAR2(50)	[PMMOResult_L3Reloc] RNC & "/" & RRNC
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
T4S4U6XAHL26SECCB00HW01QK4	M1009C50	NUMBER	[PMMOResult_L3Reloc] M1009C50
T4TAQCXAHL26SECCB00HW01QK4	M1009C51	NUMBER	[PMMOResult_L3Reloc] M1009C51
T4UBE6DAHL26SECCB00HW01QK4	M1009C52	NUMBER	[PMMOResult_L3Reloc] M1009C52
T4VDXQLAHL26SECCB00HW01QK4	M1009C53	NUMBER	[PMMOResult_L3Reloc] M1009C53
T4WDMQTAHL26SECCB00HW01QK4	M1009C54	NUMBER	[PMMOResult_L3Reloc] M1009C54
T4XKTFLAHL26SECCB00HW01QK4	M1009C55	NUMBER	[PMMOResult_L3Reloc] M1009C55
T4YMLOXAHL26SECCB00HW01QK4	M1009C56	NUMBER	[PMMOResult_L3Reloc] M1009C56
T50PQ2LAHL26SECCB00HW01QK4	M1009C57	NUMBER	[PMMOResult_L3Reloc] M1009C57

7.33.31NOK_NKNRN_RSPCCCLSGSN_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
BSC_NEIGHBOUR_ID		VARCHAR2(50)	[PMMOResult_L3Reloc] RNC & "/" & RRNC
TSTAMP		DATE	

INSTANCE_ID		NUMBER	
T51QC2DAHL26SECCB00HW01QK4	M1009C58	NUMBER	[PMMOResult_L3Reloc] M1009C58
T52QEMPAHL26SECCB00HW01QK4	M1009C59	NUMBER	[PMMOResult_L3Reloc] M1009C59
T53SCQDAHL26SECCB00HW01QK4	M1009C60	NUMBER	[PMMOResult_L3Reloc] M1009C60
T54SORHAHL26SECCB00HW01QK4	M1009C61	NUMBER	[PMMOResult_L3Reloc] M1009C61
T55VAHXAHL26SECCB00HW01QK4	M1009C62	NUMBER	[PMMOResult_L3Reloc] M1009C62
T56VNK6AHL26SECCB00HW01QK4	M1009C63	NUMBER	[PMMOResult_L3Reloc] M1009C63
T5AX3LXAHL26SECCB00HW01QK4	M1009C64	NUMBER	[PMMOResult_L3Reloc] M1009C64
T5BW5R2AHL26SECCB00HW01QK4	M1009C65	NUMBER	[PMMOResult_L3Reloc] M1009C65

7.33.32NOK_NKNRN_RSPCPREP_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
BSC_NEIGHBOUR_ID		VARCHAR2(50)	[PMMOResult_L3Reloc] RNC & "/" & RRNC
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
T5JFNOTAHL26SECCB00HW01QK4	M1009C2	NUMBER	[PMMOResult_L3Reloc] M1009C2
T5KH0STAHL26SECCB00HW01QK4	M1009C3	NUMBER	[PMMOResult_L3Reloc] M1009C3
T5LJAA2AHL26SECCB00HW01QK4	M1009C4	NUMBER	[PMMOResult_L3Reloc] M1009C4

This edition applies to IBM® Tivoli® Netcool® Performance Manager for Wireless and to all subsequent releases and modifications until otherwise indicated in new editions.

T5MMXM6AHL26SECCB00HW01QK4	M1009C5	NUMBER	[PMMOResult_L3Reloc] M1009C5
T5NPMVPAHL26SECCB00HW01QK4	M1009C6	NUMBER	[PMMOResult_L3Reloc] M1009C6
T5OR55PAHL26SECCB00HW01QK4	M1009C7	NUMBER	[PMMOResult_L3Reloc] M1009C7
T5PV0E2AHL26SECCB00HW01QK4	M1009C8	NUMBER	[PMMOResult_L3Reloc] M1009C8
T5QXYAHAHL26SECCB00HW01QK4	M1009C9	NUMBER	[PMMOResult_L3Reloc] M1009C9
T5S1RRLAHL26SECCB00HW01QK4	M1009C10	NUMBER	[PMMOResult_L3Reloc] M1009C10
T5T66IPAHL26SECCB00HW01QK4	M1009C11	NUMBER	[PMMOResult_L3Reloc] M1009C11
T5UD3GDAHL26SECCB00HW01QK4	M1009C12	NUMBER	[PMMOResult_L3Reloc] M1009C12
T5VGRG6AHL26SECCB00HW01QK4	M1009C13	NUMBER	[PMMOResult_L3Reloc] M1009C13
T5WKPOXAHL26SECCB00HW01QK4	M1009C14	NUMBER	[PMMOResult_L3Reloc] M1009C14
T5XOBCPAHL26SECCB00HW01QK4	M1009C15	NUMBER	[PMMOResult_L3Reloc] M1009C15
T5YQGMDAHL26SECCB00HW01QK4	M1009C16	NUMBER	[PMMOResult_L3Reloc] M1009C16
T60UQJLAHL26SECCB00HW01QK4	M1009C17	NUMBER	[PMMOResult_L3Reloc] M1009C17
T61YB1DAHL26SECCB00HW01QK4	M1009C18	NUMBER	[PMMOResult_L3Reloc] M1009C18
T6334RPAHL26SECCB00HW01QK4	M1009C19	NUMBER	[PMMOResult_L3Reloc] M1009C19
T64ALP2AHL26SECCB00HW01QK4	M1009C20	NUMBER	[PMMOResult_L3Reloc] M1009C20
T65D2PTAHL26SECCB00HW01QK4	M1009C21	NUMBER	[PMMOResult_L3Reloc] M1009C21
T66G0VPAHL26SECCB00H	M1009C22	NUMBER	[PMMOResult_L3Reloc]

W01QK4			M1009C22
T6AKVHXAHL26SECCB00H W01QK4	M1009C23	NUMBER	[PMMOResult_L3Reloc] M1009C23
T6BOYJTAHL26SECCB00H W01QK4	M1009C24	NUMBER	[PMMOResult_L3Reloc] M1009C24
T6CT50TAHL26SECCB00H W01QK4	M1009C25	NUMBER	[PMMOResult_L3Reloc] M1009C25

7.33.33NOK_NKNRN_SHOBRF_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
BSC_NEIGHBOUR_ID		VARCHAR2(50)	[PMMOResult_L3Iur] RNC & "/" & RRNC
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
XDRXAPHDMM2AICSD002UAXYBDK	M1004C168	NUMBER	[PMMOResult_L3Iur] M1004C168

7.33.34NOK_NKNRNC_RANUSESVCLVL_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
BSC_NEIGHBOUR_ID		VARCHAR2(50)	[PMMOResult_L3Iur] RNC & "/" & RRNC
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
SKEGIN6AG32AHDVUJ02UAUIBEV	PC_IUR_AVAILABILITY	FLOAT	[PMMOResult_L3Iur] if M1004C144=0 then 0 else 100 * (M1004C143 / M1004C144)

This edition applies to IBM® Tivoli® Netcool® Performance Manager for Wireless and to all subsequent releases and modifications until otherwise indicated in new editions.

7.33.35NOK_RNSAP_COMPR_MOD_COM_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
BSC_NEIGHBOUR_ID		VARCHAR2(50)	[PMMOResult_L3Iur] RNC & "/" & RRNC
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
SXKLXWXAHL26SECCB00HW01QK4	M1004C84	NUMBER	[PMMOResult_L3Iur] M1004C84
SXLMYH2AHL26SECCB00HW01QK4	M1004C85	NUMBER	[PMMOResult_L3Iur] M1004C85

7.33.36NOK_RNSAP_GLOBAL_IUR_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
BSC_NEIGHBOUR_ID		VARCHAR2(50)	[PMMOResult_L3Iur] RNC & "/" & RRNC
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
T2EP142AHL26SECCB00HW01QK4	M1004C114	NUMBER	[PMMOResult_L3Iur] M1004C114
T2FS5W6AHL26SECCB00HW01QK4	M1004C121	NUMBER	[PMMOResult_L3Iur] M1004C121
T2CJMRXAHL26SECCB00HW01QK4	NBR_OF_SENT_ERROR_IND_ON_IUR	NUMBER	[PMMOResult_L3Iur] M1004C106
T2DMHO6AHL26SECCB00HW01QK4	NBR_OF_REC_ERROR_IND_ON_IUR	NUMBER	[PMMOResult_L3Iur] M1004C107

7.33.37NOK_RNSAP_IUR_AVAIL_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
BSC_NEIGHBOUR_ID		VARCHAR2(50)	[PMMOResult_L3Iur] RNC & "/" & RRNC
TSTAMP		DATE	
INSTANCE_ID		NUMBER	

X4IQMSBAFQ2AHDVUJ02 UAUIBEV	M1004C143	NUMBER	[PMMOResult_L3Iur] M1004C143
X4IQMSDAFQ2AHDVUJ02 UAUIBEV	M1004C144	NUMBER	[PMMOResult_L3Iur] M1004C144
X4IQMSFAFQ2AHDVUJ02 UAUIBEV	M1004C145	NUMBER	[PMMOResult_L3Iur] M1004C145
X4IQMSHAFQ2AHDVUJ02 UAUIBEV	M1004C146	NUMBER	[PMMOResult_L3Iur] M1004C146

7.33.38NOK_RNSAP_IUR_COM_MEAS_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
BSC_NEIGHBOUR_ID		VARCHAR2(50)	[PMMOResult_L3Iur] RNC & "/" & RRNC
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
X4IQMQVAFQ2AHDVUJ02 UAUIBEV	M1004C113	NUMBER	[PMMOResult_L3Iur] M1004C113
X4IQMQXAFQ2AHDVUJ02 UAUIBEV	M1004C115	NUMBER	[PMMOResult_L3Iur] M1004C115
X4IQMR0AFQ2AHDVUJ02 UAUIBEV	M1004C116	NUMBER	[PMMOResult_L3Iur] M1004C116
X4IQMR2AFQ2AHDVUJ02 UAUIBEV	M1004C117	NUMBER	[PMMOResult_L3Iur] M1004C117
X4IQMR4AFQ2AHDVUJ02 UAUIBEV	M1004C118	NUMBER	[PMMOResult_L3Iur] M1004C118
X4IQMR6AFQ2AHDVUJ02 UAUIBEV	M1004C119	NUMBER	[PMMOResult_L3Iur] M1004C119
X4IQMRBAFQ2AHDVUJ02 UAUIBEV	M1004C120	NUMBER	[PMMOResult_L3Iur] M1004C120
X4IQMRDAFQ2AHDVUJ02	M1004C122	NUMBER	[PMMOResult_L3Iur]

UAUIBEV			M1004C122
X4IQMRFAFQ2AHDVUJ02 UAUIBEV	M1004C123	NUMBER	[PMMOResult_L3Iur] M1004C123
X4IQMRHAFQ2AHDVUJ02 UAUIBEV	M1004C124	NUMBER	[PMMOResult_L3Iur] M1004C124
X4IQMRJAFQ2AHDVUJ02U AUIBEV	M1004C125	NUMBER	[PMMOResult_L3Iur] M1004C125
X4IQMRLAFQ2AHDVUJ02 UAUIBEV	M1004C126	NUMBER	[PMMOResult_L3Iur] M1004C126
X4IQMRNAFQ2AHDVUJ02 UAUIBEV	M1004C127	NUMBER	[PMMOResult_L3Iur] M1004C127
X4IQMRPAFQ2AHDVUJ02 UAUIBEV	M1004C128	NUMBER	[PMMOResult_L3Iur] M1004C128
X4IQMRRAFQ2AHDVUJ02 UAUIBEV	M1004C129	NUMBER	[PMMOResult_L3Iur] M1004C129
X4IQMRTAFQ2AHDVUJ02 UAUIBEV	M1004C130	NUMBER	[PMMOResult_L3Iur] M1004C130
X4IQMRVAFQ2AHDVUJ02 UAUIBEV	M1004C131	NUMBER	[PMMOResult_L3Iur] M1004C131
X4IQMRXAFQ2AHDVUJ02 UAUIBEV	M1004C132	NUMBER	[PMMOResult_L3Iur] M1004C132
X4IQMS0AFQ2AHDVUJ02U AUIBEV	M1004C133	NUMBER	[PMMOResult_L3Iur] M1004C133
X4IQMS2AFQ2AHDVUJ02U AUIBEV	M1004C134	NUMBER	[PMMOResult_L3Iur] M1004C134
X4IQMS4AFQ2AHDVUJ02U AUIBEV	M1004C135	NUMBER	[PMMOResult_L3Iur] M1004C135
X4IQMS6AFQ2AHDVUJ02U AUIBEV	M1004C136	NUMBER	[PMMOResult_L3Iur] M1004C136

7.33.39NOK_RNSAP_IUR_DL_POWCON_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
BSC_NEIGHBOUR_ID		VARCHAR2(50)	[PMMOResult_L3Iur] RNC & "/" & RRNC

TSTAMP		DATE	
INSTANCE_ID		NUMBER	
X4IQMQNAFQ2AHDVUJ02UAUIBEV	M1004C108	NUMBER	[PMMOResult_L3Iur] M1004C108
X4IQMQPAFQ2AHDVUJ02UAUIBEV	M1004C109	NUMBER	[PMMOResult_L3Iur] M1004C109
X4IQMQRAFQ2AHDVUJ02UAUIBEV	M1004C110	NUMBER	[PMMOResult_L3Iur] M1004C110
X4IQMQTAFQ2AHDVUJ02UAUIBEV	M1004C111	NUMBER	[PMMOResult_L3Iur] M1004C111

7.33.40NOK_RNSAP_RELOCATION_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
BSC_NEIGHBOUR_ID		VARCHAR2(50)	[PMMOResult_L3Reloc] RNC & "/" & RRNC
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
T3OE3WDAHL26SECCB00HW01QK4	RELOC_COMMIT_IN_SOURCE_RNC	NUMBER	[PMMOResult_L3Reloc] M1009C0
T3PDQYLAHL26SECCB00HW01QK4	RELOC_COMMIT_IN_TARGET_RNC	NUMBER	[PMMOResult_L3Reloc] M1009C1

7.34 Raw NodeB Tables

7.34.1 NOK_NKNB_BTSHW_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
BS_ID		VARCHAR2(50)	[PMMOResult_Traffic] WBTS
TSTAMP		DATE	

This edition applies to IBM® Tivoli® Netcool® Performance Manager for Wireless and to all subsequent releases and modifications until otherwise indicated in new editions.

INSTANCE_ID		NUMBER	
T6DXJGLAHL26SECCB00HW01QK4	AVE_AVAIL_POOL_CAPA_DL	FLOAT	[PMMOResult_Traffic] M1000C84
T6F2USPAHL26SECCB00HW01QK4	NBR_OF_POOL_REP_DL	NUMBER	[PMMOResult_Traffic] M1000C85
T6G6SNPAHL26SECCB00HW01QK4	AVE_AVAIL_POOL_CAPA_UL	FLOAT	[PMMOResult_Traffic] M1000C86
T6HE3EPAHL26SECCB00HW01QK4	NBR_OF_POOL_REP_UL	NUMBER	[PMMOResult_Traffic] M1000C87
T6IPS4HAHL26SECCB00HW01QK4	NBR_OF_CELLS	NUMBER	[PMMOResult_Traffic] M1000C88
T6LWNMDAHL26SECCB00HW01QK4	M1000C134	FLOAT	[PMMOResult_Traffic] M1000C134
T6N3PDTAHL26SECCB00HW01QK4	M1000C135	FLOAT	[PMMOResult_Traffic] M1000C135
T6O30ETAHL26SECCB00HW01QK4	BTS_HW_CAPACITY_DL_DENOMINATOR	NUMBER	[PMMOResult_Traffic] M1000C136
T6PAED6AHL26SECCB00HW01QK4	BTS_HW_CAPACITY_UL_DENOMINATOR	NUMBER	[PMMOResult_Traffic] M1000C137

7.34.2 NOK_NKNB_RL_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
BS_ID		VARCHAR2(50)	[PMMOResult_Traffic] WBTS
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
T6XCXU2AHL26SECCB00HW01QK4	NBR_OF_RL_MEAS_REPS	NUMBER	[PMMOResult_Traffic] M1000C92

7.34.3 NOK_NKNODB_NBAPRSTPROC_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
BS_ID		VARCHAR2(50)	[PMMOResult_L3Iub_0] WBTS

TSTAMP		DATE	
INSTANCE_ID		NUMBER	
T6QPN62AHL26SECCB00HW01QK4	M1005C170	NUMBER	[PMMOResult_L3Iub_0] M1005C170
T6RR2WTAHL26SECCB00HW01QK4	M1005C171	NUMBER	[PMMOResult_L3Iub_0] M1005C171
T6SVJKTAHL26SECCB00HW01QK4	M1005C172	NUMBER	[PMMOResult_L3Iub_0] M1005C172
T6U0NS6AHL26SECCB00HW01QK4	M1005C173	NUMBER	[PMMOResult_L3Iub_0] M1005C173
T6V2F22AHL26SECCB00HW01QK4	M1005C174	NUMBER	[PMMOResult_L3Iub_0] M1005C174
T6W6IKPAHL26SECCB00HW01QK4	M1005C175	NUMBER	[PMMOResult_L3Iub_0] M1005C175

7.35 Raw Physical_Layer_Term_Point Tables

7.35.1 NOK_NKPLTP_IFSP_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
TERMINATION_POINT_ID		VARCHAR2(50)	[PMMOResult_Interface_TC] RNC & "/" & PHYTTP
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
T6YGWQTAHL26SECCB00HW01QK4	DISC_CELLS	NUMBER	[PMMOResult_Interface_TC] M512C0
TA0LUKDAHL26SECCB00HW01QK4	ERR_CELLS	NUMBER	[PMMOResult_Interface_TC] M512C1

7.36 Raw RNC Tables

7.36.1 NOK_ACH_INC_HO_RELOC_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
BSC_ID		VARCHAR2(50)	[PMMOResult_Service_Level_0] RNC
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
TA3TYD6AHL26SECCB00HW01QK4	M1001C62_R	NUMBER	[PMMOResult_Service_Level_0] M1001C62
TA4VBQXAHL26SECCB00HW01QK4	M1001C63_R	NUMBER	[PMMOResult_Service_Level_0] M1001C63
TA5V2NHAHL26SECCB00HW01QK4	M1001C64_R	NUMBER	[PMMOResult_Service_Level_0] M1001C64
TA6VI06AHL26SECCB00HW01QK4	M1001C65_R	NUMBER	[PMMOResult_Service_Level_0] M1001C65
TAAUXMXAHL26SECCB00HW01QK4	M1001C217_R	NUMBER	[PMMOResult_Service_Level_0] M1001C217
TABW3TPAHL26SECCB00HW01QK4	M1001C218_R	NUMBER	[PMMOResult_Service_Level_0] M1001C218
TAD2JA2AHL26SECCB00HW01QK4	M1001C219_R	NUMBER	[PMMOResult_Service_Level_0] M1001C219
TAE6PMTAHL26SECCB00HW01QK4	M1001C220_R	NUMBER	[PMMOResult_Service_Level_0] M1001C220

7.36.2 NOK_ACH_INTRASYS_HHOSCC_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
BSC_ID		VARCHAR2(50)	[PMMOResult_Intra_System_HHO_RNC] RNC
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
UAQADB61IM2AHSXR0035XKCUAI	M1008C239	NUMBER	[PMMOResult_Intra_System_HHO_RNC] M1008C239
UAQADBB1IM2AHSXR0035	M1008C240	NUMBER	[PMMOResult_Intra_System_

XKCUAI			HHO_RNC] M1008C240
UAQADBD1IM2AHSXR0035 XKCUAI	M1008C241	NUMBER	[PMMOResult_Intra_System_ HHO_RNC] M1008C241
UAQADBF1IM2AHSXR0035 XKCUAI	M1008C242	NUMBER	[PMMOResult_Intra_System_ HHO_RNC] M1008C242
UAQADBH1IM2AHSXR0035 XKCUAI	M1008C243	NUMBER	[PMMOResult_Intra_System_ HHO_RNC] M1008C243
UAQADBJ1IM2AHSXR0035 XKCUAI	M1008C244	NUMBER	[PMMOResult_Intra_System_ HHO_RNC] M1008C244
UAQADBL1IM2AHSXR0035 XKCUAI	M1008C245	NUMBER	[PMMOResult_Intra_System_ HHO_RNC] M1008C245
XVM0PN2AFQ2AHDVUJ02 UAUIBEV	M1008C213	NUMBER	[PMMOResult_Intra_System_ HHO_RNC] M1008C213
XVM0PN4AFQ2AHDVUJ02 UAUIBEV	M1008C214	NUMBER	[PMMOResult_Intra_System_ HHO_RNC] M1008C214
XVM0PN6AFQ2AHDVUJ02 UAUIBEV	M1008C215	NUMBER	[PMMOResult_Intra_System_ HHO_RNC] M1008C215
XVM0PNBAFQ2AHDVUJ02 UAUIBEV	M1008C216	NUMBER	[PMMOResult_Intra_System_ HHO_RNC] M1008C216
XVM0PNDAFQ2AHDVUJ02 UAUIBEV	M1008C217	NUMBER	[PMMOResult_Intra_System_ HHO_RNC] M1008C217
XVM0PNFAFQ2AHDVUJ02 UAUIBEV	M1008C218	NUMBER	[PMMOResult_Intra_System_ HHO_RNC] M1008C218
XVM0PNHAFQ2AHDVUJ02 UAUIBEV	M1008C219	NUMBER	[PMMOResult_Intra_System_ HHO_RNC] M1008C219
XVM0PNJAFQ2AHDVUJ02 UAUIBEV	M1008C220	NUMBER	[PMMOResult_Intra_System_ HHO_RNC] M1008C220
XVM0PNLAFQ2AHDVUJ02 UAUIBEV	M1008C221	NUMBER	[PMMOResult_Intra_System_ HHO_RNC] M1008C221
XVM0PNNAFQ2AHDVUJ02 UAUIBEV	M1008C222	NUMBER	[PMMOResult_Intra_System_ HHO_RNC] M1008C222

This edition applies to IBM® Tivoli® Netcool® Performance Manager for Wireless and to all subsequent releases and modifications until otherwise indicated in new editions.

XVM0PNPAFQ2AHDVUJ02UAUIBEV	M1008C223	NUMBER	[PMMOResult_Intra_System_HHO_RNC] M1008C223
XVM0PNRAFQ2AHDVUJ02UAUIBEV	M1008C224	NUMBER	[PMMOResult_Intra_System_HHO_RNC] M1008C224

7.36.3 NOK_ACH_MRAB_ACC_COMP_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
BSC_ID		VARCHAR2(50)	[PMMOResult_Service_Level_0] RNC
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
WXJPKY2AFQ2AHDVUJ02UAUIBEV	M1001C299	NUMBER	[PMMOResult_Service_Level_0] M1001C299
WXJPKY4AFQ2AHDVUJ02UAUIBEV	M1001C300	NUMBER	[PMMOResult_Service_Level_0] M1001C300
WXJPKY6AFQ2AHDVUJ02UAUIBEV	M1001C301	NUMBER	[PMMOResult_Service_Level_0] M1001C301
WXJPKYBAFQ2AHDVUJ02UAUIBEV	M1001C302	NUMBER	[PMMOResult_Service_Level_0] M1001C302
WXJPKYDAFQ2AHDVUJ02UAUIBEV	M1001C303	NUMBER	[PMMOResult_Service_Level_0] M1001C303
WXJPKYFAFQ2AHDVUJ02UAUIBEV	M1001C304	NUMBER	[PMMOResult_Service_Level_0] M1001C304
R0HXEGDHPT2AIBKMJ035XKCTLN	M1001C441	NUMBER	[PMMOResult_Service_Level_0] M1001C441
TAFD0KXAHL26SECCB00HW01QK4	M1001C287_R	NUMBER	[PMMOResult_Service_Level_0] M1001C287
TAGDKNXAHL26SECCB00HW01QK4	M1001C288_R	NUMBER	[PMMOResult_Service_Level_0] M1001C288
TAHIC56AHL26SECCB00HW01QK4	M1001C289_R	NUMBER	[PMMOResult_Service_Level_0] M1001C289
TAIK43LAHL26SECCB00HW01QK4	M1001C290_R	NUMBER	[PMMOResult_Service_Level_0] M1001C290
TAJNPEDAHL26SECCB00H	M1001C291_R	NUMBER	[PMMOResult_Service_Level

W01QK4			_0] M1001C291
TAKSB3TAHL26SECCB00H W01QK4	M1001C292_R	NUMBER	[PMMOResult_Service_Level _0] M1001C292
TALW2KHAHL26SECCB00H W01QK4	M1001C308_R	NUMBER	[PMMOResult_Service_Level _0] M1001C308
TAN0Y36AHL26SECCB00H W01QK4	M1001C309_R	NUMBER	[PMMOResult_Service_Level _0] M1001C309
TAO4R2LAHL26SECCB00H W01QK4	M1001C310_R	NUMBER	[PMMOResult_Service_Level _0] M1001C310
TAPCCTHAHL26SECCB00H W01QK4	RAB_ACCESS_COM PLETE_3_PS_NRT	NUMBER	[PMMOResult_Service_Level _0] M1001C312
TAQEDTLAHL26SECCB00H W01QK4	M1001C319_R	NUMBER	[PMMOResult_Service_Level _0] M1001C319
TARIDMHAHL26SECCB00H W01QK4	M1001C320_R	NUMBER	[PMMOResult_Service_Level _0] M1001C320
TASLN3TAHL26SECCB00H W01QK4	M1001C321_R	NUMBER	[PMMOResult_Service_Level _0] M1001C321
TAU4GQHAHL26SECCB00H W01QK4	M1001C322_R	NUMBER	[PMMOResult_Service_Level _0] M1001C322
TAVDSY6AHL26SECCB00H W01QK4	M1001C323_R	NUMBER	[PMMOResult_Service_Level _0] M1001C323
TAWINQ6AHL26SECCB00H W01QK4	M1001C324_R	NUMBER	[PMMOResult_Service_Level _0] M1001C324
TAXNA16AHL26SECCB00H W01QK4	M1001C328_R	NUMBER	[PMMOResult_Service_Level _0] M1001C328
TAYRWWHAHL26SECCB00 HW01QK4	M1001C329_R	NUMBER	[PMMOResult_Service_Level _0] M1001C329
TB0WG42AHL26SECCB00H W01QK4	M1001C330_R	NUMBER	[PMMOResult_Service_Level _0] M1001C330

This edition applies to IBM® Tivoli® Netcool® Performance Manager for Wireless and to all subsequent releases and modifications until otherwise indicated in new editions.

7.36.4 NOK_ACH_MRAB_ACT_COMP_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
BSC_ID		VARCHAR2(50)	[PMMOResult_Service_Level_0] RNC
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
TB223GLAHL26SECCB00HW01QK4	M1001C237_R	NUMBER	[PMMOResult_Service_Level_0] M1001C237
TB36UF6AHL26SECCB00HW01QK4	M1001C238_R	NUMBER	[PMMOResult_Service_Level_0] M1001C238
TB4CR02AHL26SECCB00HW01QK4	M1001C239_R	NUMBER	[PMMOResult_Service_Level_0] M1001C239
TB5G4UXAHL26SECCB00HW01QK4	M1001C240_R	NUMBER	[PMMOResult_Service_Level_0] M1001C240
TB6KL42AHL26SECCB00HW01QK4	M1001C341_R	NUMBER	[PMMOResult_Service_Level_0] M1001C341
TBALK4PAHL26SECCB00HW01QK4	M1001C342_R	NUMBER	[PMMOResult_Service_Level_0] M1001C342
TBBPKEXAHL26SECCB00HW01QK4	M1001C343_R	NUMBER	[PMMOResult_Service_Level_0] M1001C343
TBCY0BTAHL26SECCB00HW01QK4	M1001C344_R	NUMBER	[PMMOResult_Service_Level_0] M1001C344
TBDYOWHAHL26SECCB00HW01QK4	M1001C345_R	NUMBER	[PMMOResult_Service_Level_0] M1001C345
TBF4T6HAHL26SECCB00HW01QK4	M1001C346_R	NUMBER	[PMMOResult_Service_Level_0] M1001C346
TBGABBPAHL26SECCB00HW01QK4	M1001C353_R	NUMBER	[PMMOResult_Service_Level_0] M1001C353
TBHDBT6AHL26SECCB00HW01QK4	M1001C354_R	NUMBER	[PMMOResult_Service_Level_0] M1001C354
TBII1ATAHL26SECCB00HW01QK4	M1001C355_R	NUMBER	[PMMOResult_Service_Level_0] M1001C355
TBJMD6HAHL26SECCB00HW01QK4	RAB_ACTIVE_COMPLETE_3_PS_NRT	NUMBER	[PMMOResult_Service_Level_0] M1001C356

TBKQEQLAHL26SECCB00HW01QK4	M1001C357_R	NUMBER	[PMMOResult_Service_Level_0] M1001C357
TBLUDQHAHL26SECCB00HW01QK4	M1001C358_R	NUMBER	[PMMOResult_Service_Level_0] M1001C358
TBN0EK6AHL26SECCB00HW01QK4	M1001C359_R	NUMBER	[PMMOResult_Service_Level_0] M1001C359
TBO61D6AHL26SECCB00HW01QK4	M1001C360_R	NUMBER	[PMMOResult_Service_Level_0] M1001C360
TBPDTAHAHL26SECCB00HW01QK4	M1001C361_R	NUMBER	[PMMOResult_Service_Level_0] M1001C361
TBQJI3PAHL26SECCB00HW01QK4	M1001C362_R	NUMBER	[PMMOResult_Service_Level_0] M1001C362
TBROPLLAHL26SECCB00HW01QK4	M1001C363_R	NUMBER	[PMMOResult_Service_Level_0] M1001C363
TBSUEC6AHL26SECCB00HW01QK4	M1001C364_R	NUMBER	[PMMOResult_Service_Level_0] M1001C364
TBTYVILAHL26SECCB00HW01QK4	M1001C365_R	NUMBER	[PMMOResult_Service_Level_0] M1001C365
WXJPKYHAFQ2AHDVUJ02UAUIBEV	M1001C331	NUMBER	[PMMOResult_Service_Level_0] M1001C331
WXJPKYJAFQ2AHDVUJ02UAUIBEV	M1001C347	NUMBER	[PMMOResult_Service_Level_0] M1001C347
WXJPKYLAFQ2AHDVUJ02UAUIBEV	M1001C348	NUMBER	[PMMOResult_Service_Level_0] M1001C348
WXJPKYNAFQ2AHDVUJ02UAUIBEV	M1001C349	NUMBER	[PMMOResult_Service_Level_0] M1001C349
WXJPKYPAFQ2AHDVUJ02UAUIBEV	M1001C350	NUMBER	[PMMOResult_Service_Level_0] M1001C350
WXJPKYRAFQ2AHDVUJ02UAUIBEV	M1001C351	NUMBER	[PMMOResult_Service_Level_0] M1001C351
WXJPKYTAFQ2AHDVUJ02	M1001C352	NUMBER	[PMMOResult_Service_Level

This edition applies to IBM® Tivoli® Netcool® Performance Manager for Wireless and to all subsequent releases and modifications until otherwise indicated in new editions.

UAUIBEV			_0] M1001C352
R0HXEGFHPT2AIBKMJ035XKCTLN	M1001C442	NUMBER	[PMMOResult_Service_Level_0] M1001C442

7.36.5 NOK_ACH_MRAB_ACT_FAIL_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
BSC_ID		VARCHAR2(50)	[PMMOResult_Service_Level_0] RNC
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
X4IQMNTAFQ2AHDVUJ02UAUIBEV	M1001C503	NUMBER	[PMMOResult_Service_Level_0] M1001C503
X4IQMNVAFQ2AHDVUJ02UAUIBEV	M1001C504	NUMBER	[PMMOResult_Service_Level_0] M1001C504
X4IQMNXAFQ2AHDVUJ02UAUIBEV	M1001C505	NUMBER	[PMMOResult_Service_Level_0] M1001C505
X4IQMO0AFQ2AHDVUJ02UAUIBEV	M1001C506	NUMBER	[PMMOResult_Service_Level_0] M1001C506
X4IQMO2AFQ2AHDVUJ02UAUIBEV	M1001C507	NUMBER	[PMMOResult_Service_Level_0] M1001C507
X4IQMO4AFQ2AHDVUJ02UAUIBEV	M1001C508	NUMBER	[PMMOResult_Service_Level_0] M1001C508
X4IQMO6AFQ2AHDVUJ02UAUIBEV	M1001C509	NUMBER	[PMMOResult_Service_Level_0] M1001C509
X4IQMOBAFQ2AHDVUJ02UAUIBEV	M1001C510	NUMBER	[PMMOResult_Service_Level_0] M1001C510
X4IQMODAFQ2AHDVUJ02UAUIBEV	M1001C511	NUMBER	[PMMOResult_Service_Level_0] M1001C511
X4IQMOFAFQ2AHDVUJ02UAUIBEV	M1001C512	NUMBER	[PMMOResult_Service_Level_0] M1001C512
X4IQMOHAFQ2AHDVUJ02UAUIBEV	M1001C513	NUMBER	[PMMOResult_Service_Level_0] M1001C513
X4IQMOJAFQ2AHDVUJ02UAUIBEV	M1001C514	NUMBER	[PMMOResult_Service_Level_0] M1001C514

X4IQMOLAFQ2AHDVUJ02 UAUIBEV	M1001C515	NUMBER	[PMMOResult_Service_Level_ 0] M1001C515
X4IQMONAFQ2AHDVUJ02 UAUIBEV	M1001C516	NUMBER	[PMMOResult_Service_Level_ 0] M1001C516
X4IQMOPAFQ2AHDVUJ02 UAUIBEV	M1001C517	NUMBER	[PMMOResult_Service_Level_ 0] M1001C517
X4IQMORAFQ2AHDVUJ02 UAUIBEV	M1001C518	NUMBER	[PMMOResult_Service_Level_ 0] M1001C518
X4IQMOTAFQ2AHDVUJ02 UAUIBEV	M1001C519	NUMBER	[PMMOResult_Service_Level_ 0] M1001C519
X4IQMOVAFQ2AHDVUJ02 UAUIBEV	M1001C520	NUMBER	[PMMOResult_Service_Level_ 0] M1001C520
X4IQMOXAFQ2AHDVUJ02 UAUIBEV	M1001C521	NUMBER	[PMMOResult_Service_Level_ 0] M1001C521
X4IQMP0AFQ2AHDVUJ02U AUIBEV	M1001C522	NUMBER	[PMMOResult_Service_Level_ 0] M1001C522
X4IQMP2AFQ2AHDVUJ02U AUIBEV	M1001C523	NUMBER	[PMMOResult_Service_Level_ 0] M1001C523
X4IQMP4AFQ2AHDVUJ02U AUIBEV	M1001C524	NUMBER	[PMMOResult_Service_Level_ 0] M1001C524
X4IQMP6AFQ2AHDVUJ02U AUIBEV	M1001C525	NUMBER	[PMMOResult_Service_Level_ 0] M1001C525
X4IQMPBAFQ2AHDVUJ02 UAUIBEV	M1001C526	NUMBER	[PMMOResult_Service_Level_ 0] M1001C526
X4IQMPDAFQ2AHDVUJ02 UAUIBEV	M1001C527	NUMBER	[PMMOResult_Service_Level_ 0] M1001C527
X4IQMPFAFQ2AHDVUJ02U AUIBEV	M1001C528	NUMBER	[PMMOResult_Service_Level_ 0] M1001C528
X4IQMPHAFQ2AHDVUJ02 UAUIBEV	M1001C529	NUMBER	[PMMOResult_Service_Level_ 0] M1001C529

This edition applies to IBM® Tivoli® Netcool® Performance Manager for Wireless and to all subsequent releases and modifications until otherwise indicated in new editions.

7.36.6 NOK_ACH_MRAB_SET_ATT_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
BSC_ID		VARCHAR2(50)	[PMMOResult_Service_Level_0] RNC
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
WRICA2DAFQ2AHDVUJ02UAUIBEV	M1001C293	NUMBER	[PMMOResult_Service_Level_0] M1001C293
WRICA2FAFQ2AHDVUJ02UAUIBEV	M1001C294	NUMBER	[PMMOResult_Service_Level_0] M1001C294
WRICA2HAFQ2AHDVUJ02UAUIBEV	M1001C295	NUMBER	[PMMOResult_Service_Level_0] M1001C295
WXJPKXVAFQ2AHDVUJ02UAUIBEV	M1001C296	NUMBER	[PMMOResult_Service_Level_0] M1001C296
WXJPKXXAFQ2AHDVUJ02UAUIBEV	M1001C297	NUMBER	[PMMOResult_Service_Level_0] M1001C297
WXJPKY0AFQ2AHDVUJ02UAUIBEV	M1001C298	NUMBER	[PMMOResult_Service_Level_0] M1001C298
R0HXEGHHPT2AIBKMJ035XKCTLN	M1001C440	NUMBER	[PMMOResult_Service_Level_0] M1001C440
TBV45M6AHL26SECCB00HW01QK4	M1001C281_R	NUMBER	[PMMOResult_Service_Level_0] M1001C281
TBW62KXAHL26SECCB00HW01QK4	M1001C282_R	NUMBER	[PMMOResult_Service_Level_0] M1001C282
TBXBGHDAHL26SECCB00HW01QK4	M1001C283_R	NUMBER	[PMMOResult_Service_Level_0] M1001C283
TBYFXB6AHL26SECCB00HW01QK4	M1001C284_R	NUMBER	[PMMOResult_Service_Level_0] M1001C284
TC0IG26AHL26SECCB00HW01QK4	M1001C285_R	NUMBER	[PMMOResult_Service_Level_0] M1001C285
TC1ILKDAHL26SECCB00HW01QK4	M1001C286_R	NUMBER	[PMMOResult_Service_Level_0] M1001C286
TC2MRHHAHL26SECCB00HW01QK4	M1001C305_R	NUMBER	[PMMOResult_Service_Level_0] M1001C305

TC3UDB2AHL26SECCB00HW01QK4	M1001C306_R	NUMBER	[PMMOResult_Service_Level_0] M1001C306
TC4YRM6AHL26SECCB00HW01QK4	M1001C307_R	NUMBER	[PMMOResult_Service_Level_0] M1001C307
TC6250DAHL26SECCB00HW01QK4	RAB_SETUP_ATTEMPT_3_PS_NRT	NUMBER	[PMMOResult_Service_Level_0] M1001C311
TCABUOTAHL26SECCB00HW01QK4	M1001C313_R	NUMBER	[PMMOResult_Service_Level_0] M1001C313
TCBIEU6AHL26SECCB00HW01QK4	M1001C314_R	NUMBER	[PMMOResult_Service_Level_0] M1001C314
TCCMU66AHL26SECCB00HW01QK4	M1001C315_R	NUMBER	[PMMOResult_Service_Level_0] M1001C315
TCDRD1LAHL26SECCB00HW01QK4	M1001C316_R	NUMBER	[PMMOResult_Service_Level_0] M1001C316
TCEVUM6AHL26SECCB00HW01QK4	M1001C317_R	NUMBER	[PMMOResult_Service_Level_0] M1001C317
TCG1C3HAHL26SECCB00HW01QK4	M1001C318_R	NUMBER	[PMMOResult_Service_Level_0] M1001C318
TCH5HEXAHL26SECCB00HW01QK4	M1001C325_R	NUMBER	[PMMOResult_Service_Level_0] M1001C325
TCIDRFPAHL26SECCB00HW01QK4	M1001C326_R	NUMBER	[PMMOResult_Service_Level_0] M1001C326
TCJI1WHAHL26SECCB00HW01QK4	M1001C327_R	NUMBER	[PMMOResult_Service_Level_0] M1001C327

7.36.7 NOK_ACH_RAB_ACC_COMP_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
BSC_ID		VARCHAR2(50)	[PMMOResult_Service_Level_0] RNC
TSTAMP		DATE	

This edition applies to IBM® Tivoli® Netcool® Performance Manager for Wireless and to all subsequent releases and modifications until otherwise indicated in new editions.

INSTANCE_ID		NUMBER	
WRICA2BAFQ2AHDVUJ02UAUIBEV	M1001C262	NUMBER	[PMMOResult_Service_Level_0] M1001C262

7.36.8 NOK_ACH_RAB_ACT_COMP_CS_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
BSC_ID		VARCHAR2(50)	[PMMOResult_Service_Level_0] RNC
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
TCKK44XAHL26SECCB00HW01QK4	M1001C136_R	NUMBER	[PMMOResult_Service_Level_0] M1001C136
TCLOY6DAHL26SECCB00HW01QK4	M1001C137_R	NUMBER	[PMMOResult_Service_Level_0] M1001C137
TCMSVWLAHL26SECCB00HW01QK4	M1001C138_R	NUMBER	[PMMOResult_Service_Level_0] M1001C138
TCNX0S2AHL26SECCB00HW01QK4	M1001C248_R	NUMBER	[PMMOResult_Service_Level_0] M1001C248
TCOYCHHAHL26SECCB00HW01QK4	M1001C249_R	NUMBER	[PMMOResult_Service_Level_0] M1001C249
TCQ4DJXAHL26SECCB00HW01QK4	M1001C250_R	NUMBER	[PMMOResult_Service_Level_0] M1001C250
TCRC32DAHL26SECCB00HW01QK4	M1001C332_R	NUMBER	[PMMOResult_Service_Level_0] M1001C332
TCSH0ATAHL26SECCB00HW01QK4	M1001C333_R	NUMBER	[PMMOResult_Service_Level_0] M1001C333
TCTJ5PHAHL26SECCB00HW01QK4	M1001C334_R	NUMBER	[PMMOResult_Service_Level_0] M1001C334
TCUOEKHAHL26SECCB00HW01QK4	M1001C417_R	NUMBER	[PMMOResult_Service_Level_0] M1001C417
TCVWAJPAHL26SECCB00HW01QK4	M1001C418_R	NUMBER	[PMMOResult_Service_Level_0] M1001C418

7.36.9 NOK_ACH_RAB_ACT_COMP_PS_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
BSC_ID		VARCHAR2(50)	[PMMOResult_Service_Level_0] RNC
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
TCWXQ2PAHL26SECCB00HW01QK4	M1001C139_R	NUMBER	[PMMOResult_Service_Level_0] M1001C139
TCY45FXAHL26SECCB00HW01QK4	M1001C140_R	NUMBER	[PMMOResult_Service_Level_0] M1001C140
TD0ATTLAHL26SECCB00HW01QK4	M1001C141_R	NUMBER	[PMMOResult_Service_Level_0] M1001C141
TD1G6YHAHL26SECCB00HW01QK4	M1001C142_R	NUMBER	[PMMOResult_Service_Level_0] M1001C142
TD2L3KLAHL26SECCB00HW01QK4	M1001C243_R	NUMBER	[PMMOResult_Service_Level_0] M1001C243
TD3OPBDAHL26SECCB00HW01QK4	M1001C244_R	NUMBER	[PMMOResult_Service_Level_0] M1001C244
TD4QACTAHL26SECCB00HW01QK4	M1001C245_R	NUMBER	[PMMOResult_Service_Level_0] M1001C245
TD5USYPAHL26SECCB00HW01QK4	M1001C246_R	NUMBER	[PMMOResult_Service_Level_0] M1001C246
TD6V44TAHL26SECCB00HW01QK4	M1001C251_R	NUMBER	[PMMOResult_Service_Level_0] M1001C251
TDB1H3PAHL26SECCB00HW01QK4	M1001C252_R	NUMBER	[PMMOResult_Service_Level_0] M1001C252
TDC2WR6AHL26SECCB00HW01QK4	M1001C253_R	NUMBER	[PMMOResult_Service_Level_0] M1001C253
TDD3UBPAHL26SECCB00HW01QK4	M1001C254_R	NUMBER	[PMMOResult_Service_Level_0] M1001C254
TDEBPQTAHL26SECCB00H	M1001C335_R	NUMBER	[PMMOResult_Service_Level

W01QK4			_0] M1001C335
TDFD4ODAHL26SECCB00H W01QK4	M1001C336_R	NUMBER	[PMMOResult_Service_Level _0] M1001C336
TDGJBMHAHL26SECCB00H W01QK4	M1001C337_R	NUMBER	[PMMOResult_Service_Level _0] M1001C337
TDHNKGPAHL26SECCB00H W01QK4	M1001C338_R	NUMBER	[PMMOResult_Service_Level _0] M1001C338
TDIRSDLAHL26SECCB00H W01QK4	M1001C339_R	NUMBER	[PMMOResult_Service_Level _0] M1001C339
TDJX2WLAHL26SECCB00H W01QK4	M1001C340_R	NUMBER	[PMMOResult_Service_Level _0] M1001C340
TDL2OVTAHL26SECCB00H W01QK4	M1001C384_R	NUMBER	[PMMOResult_Service_Level _0] M1001C384
TDM6UUTAHL26SECCB00H W01QK4	M1001C385_R	NUMBER	[PMMOResult_Service_Level _0] M1001C385
TDNDUKLAHL26SECCB00H W01QK4	M1001C386_R	NUMBER	[PMMOResult_Service_Level _0] M1001C386
TDOHWLXAHL26SECCB00 HW01QK4	M1001C387_R	NUMBER	[PMMOResult_Service_Level _0] M1001C387
TDPJ5XDAHL26SECCB00H W01QK4	M1001C388_R	NUMBER	[PMMOResult_Service_Level _0] M1001C388
TDQM55XAHL26SECCB00H W01QK4	M1001C419_R	NUMBER	[PMMOResult_Service_Level _0] M1001C419
TDRO1QLAHL26SECCB00H W01QK4	M1001C420_R	NUMBER	[PMMOResult_Service_Level _0] M1001C420
UAQACUL1IM2AHSXR0035 XKCUAI	M1001C598	NUMBER	[PMMOResult_Service_Level _0] M1001C598

7.36.10NOK_ACH_RAB_ACT_FAIL_CS_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
BSC_ID		VARCHA R2(50)	[PMMOResult_Service_Level _0] RNC
TSTAMP		DATE	
INSTANCE_ID		NUMBER	

TDSSGRDAHL26SECCB00HW01QK4	M1001C155_R	NUMBER	[PMMOResult_Service_Level_0] M1001C155
TDTUEAXAHL26SECCB00HW01QK4	M1001C156_R	NUMBER	[PMMOResult_Service_Level_0] M1001C156
TDV0S0PAHL26SECCB00HW01QK4	M1001C157_R	NUMBER	[PMMOResult_Service_Level_0] M1001C157
TDW4XPXAHL26SECCB00HW01QK4	M1001C158_R	NUMBER	[PMMOResult_Service_Level_0] M1001C158
TDXCGQXAHL26SECCB00HW01QK4	M1001C159_R	NUMBER	[PMMOResult_Service_Level_0] M1001C159
TDYH6MDAHL26SECCB00HW01QK4	M1001C160_R	NUMBER	[PMMOResult_Service_Level_0] M1001C160
TE0IVD6AHL26SECCB00HW01QK4	M1001C161_R	NUMBER	[PMMOResult_Service_Level_0] M1001C161
TE1O0C6AHL26SECCB00HW01QK4	M1001C162_R	NUMBER	[PMMOResult_Service_Level_0] M1001C162
TE2OVX6AHL26SECCB00HW01QK4	M1001C163_R	NUMBER	[PMMOResult_Service_Level_0] M1001C163
TE3UCMDAHL26SECCB00HW01QK4	M1001C164_R	NUMBER	[PMMOResult_Service_Level_0] M1001C164
TE50AVHAHL26SECCB00HW01QK4	M1001C165_R	NUMBER	[PMMOResult_Service_Level_0] M1001C165
TE64UVTAHL26SECCB00HW01QK4	M1001C166_R	NUMBER	[PMMOResult_Service_Level_0] M1001C166
TEAD2PHAHL26SECCB00HW01QK4	M1001C393_R	NUMBER	[PMMOResult_Service_Level_0] M1001C393
TEBIBQ2AHL26SECCB00HW01QK4	M1001C394_R	NUMBER	[PMMOResult_Service_Level_0] M1001C394

7.36.11NOK_ACH_RAB_CONN_IN_CS_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping

This edition applies to IBM® Tivoli® Netcool® Performance Manager for Wireless and to all subsequent releases and modifications until otherwise indicated in new editions.

BSC_ID		VARCHAR2(50)	[PMMOResult_Service_Level_0] RNC
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
WXJPL24AFQ2AHDVUJ02UAUIBEV	M1001C467	NUMBER	[PMMOResult_Service_Level_0] M1001C467
WXJPL26AFQ2AHDVUJ02UAUIBEV	M1001C468	NUMBER	[PMMOResult_Service_Level_0] M1001C468
WXJPL2BAFQ2AHDVUJ02UAUIBEV	M1001C469	NUMBER	[PMMOResult_Service_Level_0] M1001C469
WXJPL2JAFQ2AHDVUJ02UAUIBEV	M1001C474	NUMBER	[PMMOResult_Service_Level_0] M1001C474
WXJPL2LAFQ2AHDVUJ02UAUIBEV	M1001C475	NUMBER	[PMMOResult_Service_Level_0] M1001C475
WXJPL2NAFQ2AHDVUJ02UAUIBEV	M1001C476	NUMBER	[PMMOResult_Service_Level_0] M1001C476
WXJPL2PAFQ2AHDVUJ02UAUIBEV	M1001C477	NUMBER	[PMMOResult_Service_Level_0] M1001C477
WXJPL2RAFQ2AHDVUJ02UAUIBEV	M1001C478	NUMBER	[PMMOResult_Service_Level_0] M1001C478
WXJPL2TAFQ2AHDVUJ02UAUIBEV	M1001C479	NUMBER	[PMMOResult_Service_Level_0] M1001C479

7.36.12NOK_ACH_RAB_CONN_IN_PS_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
BSC_ID		VARCHAR2(50)	[PMMOResult_Service_Level_0] RNC
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
WXJPL2DAFQ2AHDVUJ02UAUIBEV	M1001C471	NUMBER	[PMMOResult_Service_Level_0] M1001C471
WXJPL2FAFQ2AHDVUJ02UAUIBEV	M1001C472	NUMBER	[PMMOResult_Service_Level_0] M1001C472
WXJPL2HAFQ2AHDVUJ02	M1001C473	NUMBER	[PMMOResult_Service_Level_

UAUIBEV			0] M1001C473
WXJPL2VAFQ2AHDVUJ02 UAUIBEV	M1001C480	NUMBER	[PMMOResult_Service_Level_ 0] M1001C480
WXJPL2XAFQ2AHDVUJ02 UAUIBEV	M1001C481	NUMBER	[PMMOResult_Service_Level_ 0] M1001C481
WXJPL30AFQ2AHDVUJ02 UAUIBEV	M1001C482	NUMBER	[PMMOResult_Service_Level_ 0] M1001C482
WXJPL32AFQ2AHDVUJ02 UAUIBEV	M1001C483	NUMBER	[PMMOResult_Service_Level_ 0] M1001C483
WXJPL34AFQ2AHDVUJ02 UAUIBEV	M1001C484	NUMBER	[PMMOResult_Service_Level_ 0] M1001C484
WXJPL36AFQ2AHDVUJ02 UAUIBEV	M1001C485	NUMBER	[PMMOResult_Service_Level_ 0] M1001C485
WXJPL3BAFQ2AHDVUJ02 UAUIBEV	M1001C486	NUMBER	[PMMOResult_Service_Level_ 0] M1001C486
WXJPL3DAFQ2AHDVUJ02 UAUIBEV	M1001C487	NUMBER	[PMMOResult_Service_Level_ 0] M1001C487
WXJPL3FAFQ2AHDVUJ02 UAUIBEV	M1001C488	NUMBER	[PMMOResult_Service_Level_ 0] M1001C488

7.36.13NOK_ACH_RAB_CONN_OUT_CS_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
BSC_ID		VARCHA R2(50)	[PMMOResult_Service_Level_ 0] RNC
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
WXJPL0RAFQ2AHDVUJ02 UAUIBEV	M1001C444	NUMBER	[PMMOResult_Service_Level_ 0] M1001C444
WXJPL0TAFQ2AHDVUJ02 UAUIBEV	M1001C445	NUMBER	[PMMOResult_Service_Level_ 0] M1001C445

This edition applies to IBM® Tivoli® Netcool® Performance Manager for Wireless and to all subsequent releases and modifications until otherwise indicated in new editions.

WXJPL0VAFQ2AHDVUJ02UAUIBEV	M1001C446	NUMBER	[PMMOResult_Service_Level_0] M1001C446
WXJPL14AFQ2AHDVUJ02UAUIBEV	M1001C451	NUMBER	[PMMOResult_Service_Level_0] M1001C451
WXJPL16AFQ2AHDVUJ02UAUIBEV	M1001C452	NUMBER	[PMMOResult_Service_Level_0] M1001C452
WXJPL1BAFQ2AHDVUJ02UAUIBEV	M1001C453	NUMBER	[PMMOResult_Service_Level_0] M1001C453
WXJPL1DAFQ2AHDVUJ02UAUIBEV	M1001C454	NUMBER	[PMMOResult_Service_Level_0] M1001C454
WXJPL1FAFQ2AHDVUJ02UAUIBEV	M1001C455	NUMBER	[PMMOResult_Service_Level_0] M1001C455
WXJPL1HAFQ2AHDVUJ02UAUIBEV	M1001C456	NUMBER	[PMMOResult_Service_Level_0] M1001C456

7.36.14NOK_ACH_RAB_CONN_OUT_PS_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
BSC_ID		VARCHAR2(50)	[PMMOResult_Service_Level_0] RNC
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
WXJPL0XAFQ2AHDVUJ02UAUIBEV	M1001C448	NUMBER	[PMMOResult_Service_Level_0] M1001C448
WXJPL10AFQ2AHDVUJ02UAUIBEV	M1001C449	NUMBER	[PMMOResult_Service_Level_0] M1001C449
WXJPL12AFQ2AHDVUJ02UAUIBEV	M1001C450	NUMBER	[PMMOResult_Service_Level_0] M1001C450
WXJPL1JAFQ2AHDVUJ02UAUIBEV	M1001C457	NUMBER	[PMMOResult_Service_Level_0] M1001C457
WXJPL1LAFQ2AHDVUJ02UAUIBEV	M1001C458	NUMBER	[PMMOResult_Service_Level_0] M1001C458
WXJPL1NAFQ2AHDVUJ02UAUIBEV	M1001C459	NUMBER	[PMMOResult_Service_Level_0] M1001C459
WXJPL1PAFQ2AHDVUJ02	M1001C460	NUMBER	[PMMOResult_Service_Level_

UAUIBEV			0] M1001C460
WXJPL1RAFQ2AHDVUJ02 UAUIBEV	M1001C461	NUMBER	[PMMOResult_Service_Level_ 0] M1001C461
WXJPL1TAFQ2AHDVUJ02 UAUIBEV	M1001C462	NUMBER	[PMMOResult_Service_Level_ 0] M1001C462
WXJPL1VAFQ2AHDVUJ02 UAUIBEV	M1001C463	NUMBER	[PMMOResult_Service_Level_ 0] M1001C463
WXJPL1XAFQ2AHDVUJ02 UAUIBEV	M1001C464	NUMBER	[PMMOResult_Service_Level_ 0] M1001C464
WXJPL20AFQ2AHDVUJ02 UAUIBEV	M1001C465	NUMBER	[PMMOResult_Service_Level_ 0] M1001C465

7.36.15NOK_ACH_RAB_CTRL_PROC_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
BSC_ID		VARCHA R2(50)	[PMMOResult_RRC_0] RNC
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
XDI26ITAFQ2AHDVUJ02UA UIBEV	M1006C81	NUMBER	[PMMOResult_RRC_0] M1006C81
TGBH6DDAHL26SECCB00H W01QK4	RADIO_BEARER_SE TUP	NUMBER	[PMMOResult_RRC_0] M1006C28
TGCM6E2AHL26SECCB00H W01QK4	RADIO_BEARER_SE TUP_COMPLETE	NUMBER	[PMMOResult_RRC_0] M1006C29
TGDQUWHAHL26SECCB00 HW01QK4	RADIO_BEARER_RE CONF	NUMBER	[PMMOResult_RRC_0] M1006C30
TGEW6QTAHL26SECCB00H W01QK4	RADIO_BEARER_RE CONF_COMPLETE	NUMBER	[PMMOResult_RRC_0] M1006C31
TGGCBVTAHL26SECCB00H W01QK4	TRAN_CH_RECONF	NUMBER	[PMMOResult_RRC_0] M1006C32

This edition applies to IBM® Tivoli® Netcool® Performance Manager for Wireless and to all subsequent releases and modifications until otherwise indicated in new editions.

TGHHAPTAHL26SECCB00HW01QK4	TRAN_CH_RECONF_COMP	NUMBER	[PMMOResult_RRC_0] M1006C33
TGIMEL2AHL26SECCB00HW01QK4	PHY_CH_RECONF	NUMBER	[PMMOResult_RRC_0] M1006C59
TGJREEDAHL26SECCB00HW01QK4	PHY_CH_RECONF_COMP	NUMBER	[PMMOResult_RRC_0] M1006C60
TGKVXCXAHL26SECCB00HW01QK4	RADIO_BEARER_RELEASE	NUMBER	[PMMOResult_RRC_0] M1006C67
TGM2EPTAHL26SECCB00HW01QK4	RADIO_BEARER_RELEASE_COMPLETE	NUMBER	[PMMOResult_RRC_0] M1006C68
TGNANAHAHL26SECCB00HW01QK4	PHY_CH_RECONF_FAIL	NUMBER	[PMMOResult_RRC_0] M1006C72
TGOG6M2AHL26SECCB00HW01QK4	M1006C73_R	NUMBER	[PMMOResult_RRC_0] M1006C73
TGPHO0TAHL26SECCB00HW01QK4	RADIO_BEARER_RECONF_FAIL	NUMBER	[PMMOResult_RRC_0] M1006C74
TGQKKHHAHL26SECCB00HW01QK4	M1006C75_R	NUMBER	[PMMOResult_RRC_0] M1006C75
TGRMC52AHL26SECCB00HW01QK4	RADIO_BEARER_SETUP_FAIL	NUMBER	[PMMOResult_RRC_0] M1006C76
TGSNCO6AHL26SECCB00HW01QK4	M1006C77_R	NUMBER	[PMMOResult_RRC_0] M1006C77

7.36.16NOK_ACH_RAB_HOLD_TIM_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
BSC_ID		VARCHAR2(50)	[PMMOResult_Service_Level_0] RNC
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
TGTPWVXAHL26SECCB00HW01QK4	M1001C199_R	NUMBER	[PMMOResult_Service_Level_0] M1001C199
TGUVDJTAHL26SECCB00HW01QK4	M1001C200_R	NUMBER	[PMMOResult_Service_Level_0] M1001C200
TGVXDBXAHL26SECCB00	M1001C201_R	NUMBER	[PMMOResult_Service_Level

HW01QK4			_0] M1001C201
TGX4342AHL26SECCB00H W01QK4	M1001C202_R	NUMBER	[PMMOResult_Service_Level _0] M1001C202
TGYN2ATAHL26SECCB00H W01QK4	M1001C203_R	NUMBER	[PMMOResult_Service_Level _0] M1001C203
TH0SV0DAHL26SECCB00H W01QK4	M1001C204_R	NUMBER	[PMMOResult_Service_Level _0] M1001C204
TH1VYHXAHL26SECCB00H W01QK4	M1001C205_R	NUMBER	[PMMOResult_Service_Level _0] M1001C205
TH32TM6AHL26SECCB00H W01QK4	M1001C206_R	NUMBER	[PMMOResult_Service_Level _0] M1001C206
TH4ASOXAHL26SECCB00H W01QK4	M1001C207_R	NUMBER	[PMMOResult_Service_Level _0] M1001C207
TH5GLLDAHL26SECCB00H W01QK4	M1001C208_R	NUMBER	[PMMOResult_Service_Level _0] M1001C208
TH6KXP6AHL26SECCB00H W01QK4	M1001C209_R	NUMBER	[PMMOResult_Service_Level _0] M1001C209
THAQJX2AHL26SECCB00H W01QK4	M1001C210_R	NUMBER	[PMMOResult_Service_Level _0] M1001C210
THBTOQTAHL26SECCB00H W01QK4	M1001C211_R	NUMBER	[PMMOResult_Service_Level _0] M1001C211
THCV0M6AHL26SECCB00H W01QK4	M1001C212_R	NUMBER	[PMMOResult_Service_Level _0] M1001C212
THDW5ELAHL26SECCB00H W01QK4	M1001C213_R	NUMBER	[PMMOResult_Service_Level _0] M1001C213
THEWGKLAHL26SECCB00 HW01QK4	M1001C214_R	NUMBER	[PMMOResult_Service_Level _0] M1001C214
THG1SRLAHL26SECCB00H W01QK4	M1001C215_R	NUMBER	[PMMOResult_Service_Level _0] M1001C215
THH3L02AHL26SECCB00H W01QK4	M1001C216_R	NUMBER	[PMMOResult_Service_Level _0] M1001C216

This edition applies to IBM® Tivoli® Netcool® Performance Manager for Wireless and to all subsequent releases and modifications until otherwise indicated in new editions.

THICDYLAHL26SECCB00HW01QK4	M1001C368_R	FLOAT	[PMMOResult_Service_Level_0] M1001C368
THJHW32AHL26SECCB00HW01QK4	M1001C369_R	NUMBER	[PMMOResult_Service_Level_0] M1001C369
THKKHQPAHL26SECCB00HW01QK4	M1001C370_R	FLOAT	[PMMOResult_Service_Level_0] M1001C370
THLPYAXAHL26SECCB00HW01QK4	M1001C371_R	NUMBER	[PMMOResult_Service_Level_0] M1001C371
THMVEELAHL26SECCB00HW01QK4	M1001C372_R	FLOAT	[PMMOResult_Service_Level_0] M1001C372
THO0M5DAHL26SECCB00HW01QK4	M1001C373_R	NUMBER	[PMMOResult_Service_Level_0] M1001C373
WXJPKYVAFQ2AHDVUJ02UAUIBEV	M1001C366	NUMBER	[PMMOResult_Service_Level_0] M1001C366
WXJPKYXAFQ2AHDVUJ02UAUIBEV	M1001C367	NUMBER	[PMMOResult_Service_Level_0] M1001C367
WXJPL3HAFQ2AHDVUJ02UAUIBEV	M1001C489	NUMBER	[PMMOResult_Service_Level_0] M1001C489
WXJPL3JAFQ2AHDVUJ02UAUIBEV	M1001C490	NUMBER	[PMMOResult_Service_Level_0] M1001C490
WXJPL3LAFQ2AHDVUJ02UAUIBEV	M1001C491	NUMBER	[PMMOResult_Service_Level_0] M1001C491
WXJPL3NAFQ2AHDVUJ02UAUIBEV	M1001C492	NUMBER	[PMMOResult_Service_Level_0] M1001C492
WXJPL3PAFQ2AHDVUJ02UAUIBEV	M1001C493	NUMBER	[PMMOResult_Service_Level_0] M1001C493
WXJPL3RAFQ2AHDVUJ02UAUIBEV	M1001C494	NUMBER	[PMMOResult_Service_Level_0] M1001C494
WXJPL3TAFQ2AHDVUJ02UAUIBEV	M1001C495	NUMBER	[PMMOResult_Service_Level_0] M1001C495
WXJPL3VAFQ2AHDVUJ02UAUIBEV	M1001C496	NUMBER	[PMMOResult_Service_Level_0] M1001C496
WXJPL3XAFQ2AHDVUJ02UAUIBEV	M1001C497	NUMBER	[PMMOResult_Service_Level_0] M1001C497
X4IQMNJAFQ2AHDVUJ02U	M1001C498	NUMBER	[PMMOResult_Service_Level

AUIBEV			_0] M1001C498
X4IQMNLAFQ2AHDVUJ02UAUIBEV	M1001C499	NUMBER	[PMMOResult_Service_Level_0] M1001C499
X4IQMNNAFQ2AHDVUJ02UAUIBEV	M1001C500	NUMBER	[PMMOResult_Service_Level_0] M1001C500
X4IQMNPAFQ2AHDVUJ02UAUIBEV	M1001C501	NUMBER	[PMMOResult_Service_Level_0] M1001C501
X4IQMNRAFQ2AHDVUJ02UAUIBEV	M1001C502	NUMBER	[PMMOResult_Service_Level_0] M1001C502

7.36.17NOK_ACH_RAB_RECONFIG_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
BSC_ID		VARCHAR2(50)	[PMMOResult_Service_Level_0] RNC
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
THP6XTDAHL26SECCB00HW01QK4	RAB_RECONF_ATT	NUMBER	[PMMOResult_Service_Level_0] M1001C197
THQFNXLAHL26SECCB00HW01QK4	RAB_RECONF_FAIL	NUMBER	[PMMOResult_Service_Level_0] M1001C198

7.36.18NOK_ACH_RAB_SET_FAIL_CS_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
BSC_ID		VARCHAR2(50)	[PMMOResult_Service_Level_0] RNC
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
UAQACUR1IM2AHSXR0035XKCUAI	M1001C601	NUMBER	[PMMOResult_Service_Level_0] M1001C601

This edition applies to IBM® Tivoli® Netcool® Performance Manager for Wireless and to all subsequent releases and modifications until otherwise indicated in new editions.

W2CVNQ4DNQ2AICSDB02UAXYBDK	M1001C619	NUMBER	[PMMOResult_Service_Level_0] M1001C619
W2CVNQBDNQ2AICSDB02UAXYBDK	M1001C621	NUMBER	[PMMOResult_Service_Level_0] M1001C621
W2CVNQDDNQ2AICSDB02UAXYBDK	M1001C622	NUMBER	[PMMOResult_Service_Level_0] M1001C622
W2CVNQFDNQ2AICSDB02UAXYBDK	M1001C623	NUMBER	[PMMOResult_Service_Level_0] M1001C623
W2CVNQJDNQ2AICSDB02UAXYBDK	M1001C625	NUMBER	[PMMOResult_Service_Level_0] M1001C625
W2CVNQLDNQ2AICSDB02UAXYBDK	M1001C626	NUMBER	[PMMOResult_Service_Level_0] M1001C626
W2CVNQNDNQ2AICSDB02UAXYBDK	M1001C627	NUMBER	[PMMOResult_Service_Level_0] M1001C627
TKDRX3LAHL26SECCB00HW01QK4	M1001C80_R	NUMBER	[PMMOResult_Service_Level_0] M1001C80
TKEX01LAHL26SECCB00HW01QK4	M1001C81_R	NUMBER	[PMMOResult_Service_Level_0] M1001C81
TKG2P5HAHL26SECCB00HW01QK4	M1001C82_R	NUMBER	[PMMOResult_Service_Level_0] M1001C82
TKH5BQHAHL26SECCB00HW01QK4	M1001C83_R	NUMBER	[PMMOResult_Service_Level_0] M1001C83
TKI5X4LAHL26SECCB00HW01QK4	M1001C84_R	NUMBER	[PMMOResult_Service_Level_0] M1001C84
TKJEVKTAHL26SECCB00HW01QK4	M1001C85_R	NUMBER	[PMMOResult_Service_Level_0] M1001C85
TKKGLQ2AHL26SECCB00HW01QK4	M1001C86_R	NUMBER	[PMMOResult_Service_Level_0] M1001C86
TKLSMX2AHL26SECCB00HW01QK4	M1001C87_R	NUMBER	[PMMOResult_Service_Level_0] M1001C87
TKMYF56AHL26SECCB00HW01QK4	M1001C88_R	NUMBER	[PMMOResult_Service_Level_0] M1001C88
TKO1QXDAHL26SECCB00HW01QK4	M1001C89_R	NUMBER	[PMMOResult_Service_Level_0] M1001C89
TKP4GA6AHL26SECCB00H	M1001C90_R	NUMBER	[PMMOResult_Service_Level

W01QK4			_0] M1001C90
TKQDJM6AHL26SECCB00H W01QK4	M1001C91_R	NUMBER	[PMMOResult_Service_Level _0] M1001C91
TKRJBQTAHL26SECCB00H W01QK4	M1001C92_R	NUMBER	[PMMOResult_Service_Level _0] M1001C92
TKSP5SDAHL26SECCB00H W01QK4	M1001C93_R	NUMBER	[PMMOResult_Service_Level _0] M1001C93
TKTVGUXAHL26SECCB00H W01QK4	M1001C94_R	NUMBER	[PMMOResult_Service_Level _0] M1001C94
TKV2DTXAHL26SECCB00H W01QK4	M1001C255_R	NUMBER	[PMMOResult_Service_Level _0] M1001C255
TKW6WG2AHL26SECCB00H W01QK4	M1001C256_R	NUMBER	[PMMOResult_Service_Level _0] M1001C256
TKXF2JDAHL26SECCB00H W01QK4	M1001C531_R	NUMBER	[PMMOResult_Service_Level _0] M1001C531
TKYKNUDAHL26SECCB00H W01QK4	M1001C532_R	NUMBER	[PMMOResult_Service_Level _0] M1001C532
TL0NGYDAHL26SECCB00H W01QK4	M1001C533_R	NUMBER	[PMMOResult_Service_Level _0] M1001C533

7.36.19NOK_ACH_RAB_SET_FAIL_PS_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
BSC_ID		VARCHA R2(50)	[PMMOResult_Service_Level _0] RNC
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
TL1SJRTAHL26SECCB00HW 01QK4	M1001C95_R	NUMBER	[PMMOResult_Service_Level _0] M1001C95
TL35PQPAHL26SECCB00HW 01QK4	M1001C96_R	NUMBER	[PMMOResult_Service_Level _0] M1001C96

This edition applies to IBM® Tivoli® Netcool® Performance Manager for Wireless and to all subsequent releases and modifications until otherwise indicated in new editions.

TL4EPKDAHL26SECCB00HW01QK4	M1001C97_R	NUMBER	[PMMOResult_Service_Level_0] M1001C97
TL5K5SLAHL26SECCB00HW01QK4	M1001C98_R	NUMBER	[PMMOResult_Service_Level_0] M1001C98
TL6QGDPAHL26SECCB00HW01QK4	M1001C99_R	NUMBER	[PMMOResult_Service_Level_0] M1001C99
TLAVQ5TAHL26SECCB00HW01QK4	M1001C100_R	NUMBER	[PMMOResult_Service_Level_0] M1001C100
TLC251PAHL26SECCB00HW01QK4	M1001C101_R	NUMBER	[PMMOResult_Service_Level_0] M1001C101
TLDALS6AHL26SECCB00HW01QK4	M1001C102_R	NUMBER	[PMMOResult_Service_Level_0] M1001C102
TLEGR3PAHL26SECCB00HW01QK4	M1001C103_R	NUMBER	[PMMOResult_Service_Level_0] M1001C103
TLFMPPLAHL26SECCB00HW01QK4	M1001C104_R	NUMBER	[PMMOResult_Service_Level_0] M1001C104
TLGTC02AHL26SECCB00HW01QK4	M1001C105_R	NUMBER	[PMMOResult_Service_Level_0] M1001C105
TLI02MLAHL26SECCB00HW01QK4	M1001C106_R	NUMBER	[PMMOResult_Service_Level_0] M1001C106
TLJ24VDAHL26SECCB00HW01QK4	M1001C107_R	NUMBER	[PMMOResult_Service_Level_0] M1001C107
TLK6S2XAHL26SECCB00HW01QK4	M1001C108_R	NUMBER	[PMMOResult_Service_Level_0] M1001C108
TLLCBNPAHL26SECCB00HW01QK4	M1001C109_R	NUMBER	[PMMOResult_Service_Level_0] M1001C109
TLMDIXDAHL26SECCB00HW01QK4	M1001C110_R	NUMBER	[PMMOResult_Service_Level_0] M1001C110
TLNFSNLAHL26SECCB00HW01QK4	M1001C111_R	NUMBER	[PMMOResult_Service_Level_0] M1001C111
TLOMBGLAHL26SECCB00HW01QK4	M1001C112_R	NUMBER	[PMMOResult_Service_Level_0] M1001C112
TLQ1KBHAHL26SECCB00HW01QK4	M1001C113_R	NUMBER	[PMMOResult_Service_Level_0] M1001C113
TLRALGTAHL26SECCB00H	M1001C114_R	NUMBER	[PMMOResult_Service_Level

W01QK4			_0] M1001C114
TLSH3QHAHL26SECCB00H W01QK4	M1001C257_R	NUMBER	[PMMOResult_Service_Level _0] M1001C257
TLTNFMPAHL26SECCB00H W01QK4	M1001C258_R	NUMBER	[PMMOResult_Service_Level _0] M1001C258
TLUTUTHAHL26SECCB00H W01QK4	M1001C534_R	NUMBER	[PMMOResult_Service_Level _0] M1001C534
W2CVNQHDNQ2AICSDB02U AXYBDK	M1001C624	NUMBER	[PMMOResult_Service_Level _0] M1001C624

7.36.20NOK_ACH_RAB_SET_SET_ATT_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
BSC_ID		VARCHA R2(50)	[PMMOResult_Service_Level _0] RNC
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
TJ4SRUHAHL26SECCB00H W01QK4	M1001C66_R	NUMBER	[PMMOResult_Service_Level _0] M1001C66
TJ5TNCPAHL26SECCB00H W01QK4	M1001C67_R	NUMBER	[PMMOResult_Service_Level _0] M1001C67
TJA0OPLAHL26SECCB00H W01QK4	M1001C68_R	NUMBER	[PMMOResult_Service_Level _0] M1001C68
TJB2YDDAHL26SECCB00H W01QK4	M1001C69_R	NUMBER	[PMMOResult_Service_Level _0] M1001C69
TJCBJXTAHL26SECCB00H W01QK4	M1001C70_R	NUMBER	[PMMOResult_Service_Level _0] M1001C70
TJDHCQHAHL26SECCB00H W01QK4	M1001C71_R	NUMBER	[PMMOResult_Service_Level _0] M1001C71
TJENQW2AHL26SECCB00H W01QK4	M1001C72_R	NUMBER	[PMMOResult_Service_Level _0] M1001C72

This edition applies to IBM® Tivoli® Netcool® Performance Manager for Wireless and to all subsequent releases and modifications until otherwise indicated in new editions.

TJFTIOTAHL26SECCB00HW01QK4	M1001C263_R	NUMBER	[PMMOResult_Service_Level_0] M1001C263
TJGW0XLAHL26SECCB00HW01QK4	M1001C265_R	NUMBER	[PMMOResult_Service_Level_0] M1001C265
TJI2HDTAHL26SECCB00HW01QK4	M1001C267_R	NUMBER	[PMMOResult_Service_Level_0] M1001C267
TJJB5WDAHL26SECCB00HW01QK4	M1001C269_R	NUMBER	[PMMOResult_Service_Level_0] M1001C269
TJKNWVHAHL26SECCB00HW01QK4	M1001C271_R	NUMBER	[PMMOResult_Service_Level_0] M1001C271
TJLYCXTAHL26SECCB00HW01QK4	RAB_SETUP_ATTEMPT_PS_NRT_64_64	NUMBER	[PMMOResult_Service_Level_0] M1001C273
TJNCXGXAHL26SECCB00HW01QK4	M1001C274_R	NUMBER	[PMMOResult_Service_Level_0] M1001C274
TJOJMYTAHL26SECCB00HW01QK4	M1001C275_R	NUMBER	[PMMOResult_Service_Level_0] M1001C275
TJPQA2XAHL26SECCB00HW01QK4	M1001C276_R	NUMBER	[PMMOResult_Service_Level_0] M1001C276
TJQY632AHL26SECCB00HW01QK4	M1001C374_R	NUMBER	[PMMOResult_Service_Level_0] M1001C374
TJS1OSTAHL26SECCB00HW01QK4	M1001C375_R	NUMBER	[PMMOResult_Service_Level_0] M1001C375
TJTADTHAHL26SECCB00HW01QK4	M1001C376_R	NUMBER	[PMMOResult_Service_Level_0] M1001C376
TJUGAE2AHL26SECCB00HW01QK4	M1001C377_R	NUMBER	[PMMOResult_Service_Level_0] M1001C377
TJVK3RHAHL26SECCB00HW01QK4	M1001C378_R	NUMBER	[PMMOResult_Service_Level_0] M1001C378
WRICA26AFQ2AHDVUJ02UAUIBEV	M1001C261	NUMBER	[PMMOResult_Service_Level_0] M1001C261
UAQACUH1IM2AHSXR0035XKCUAI	M1001C596	NUMBER	[PMMOResult_Service_Level_0] M1001C596
UAQACUN1IM2AHSXR0035XKCUAI	M1001C599	NUMBER	[PMMOResult_Service_Level_0] M1001C599

7.36.21NOK_ACH_RAB_SET_TIM_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
BSC_ID		VARCHAR2(50)	[PMMOResult_Service_Level_0] RNC
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
UAQACUV1IM2AHSXR0035XKCUAI	M1001C603	NUMBER	[PMMOResult_Service_Level_0] M1001C603
UAQACUX1IM2AHSXR0035XKCUAI	M1001C604	NUMBER	[PMMOResult_Service_Level_0] M1001C604
UAQACV01IM2AHSXR0035XKCUAI	M1001C605	NUMBER	[PMMOResult_Service_Level_0] M1001C605
UAQACV21IM2AHSXR0035XKCUAI	M1001C606	NUMBER	[PMMOResult_Service_Level_0] M1001C606
UAQACV41IM2AHSXR0035XKCUAI	M1001C607	NUMBER	[PMMOResult_Service_Level_0] M1001C607
UAQACV61IM2AHSXR0035XKCUAI	M1001C608	NUMBER	[PMMOResult_Service_Level_0] M1001C608
UAQACVB1IM2AHSXR0035XKCUAI	M1001C609	NUMBER	[PMMOResult_Service_Level_0] M1001C609
TLW1E32AHL26SECCB00HW01QK4	SUM_OF_RRC_SETUP_TIMES	NUMBER	[PMMOResult_Service_Level_0] M1001C221
TLXA60HAHL26SECCB00HW01QK4	M1001C222_R	NUMBER	[PMMOResult_Service_Level_0] M1001C222
TLYGIDHAHL26SECCB00HW01QK4	M1001C223_R	NUMBER	[PMMOResult_Service_Level_0] M1001C223
TM0MUULAHL26SECCB00HW01QK4	M1001C224_R	NUMBER	[PMMOResult_Service_Level_0] M1001C224
TM1TJBLAHL26SECCB00HW01QK4	M1001C225_R	NUMBER	[PMMOResult_Service_Level_0] M1001C225
TM30HCXAHL26SECCB00H	M1001C226_R	NUMBER	[PMMOResult_Service_Level

W01QK4			_0] M1001C226
TM45RCHAHL26SECCB00HW01QK4	M1001C227_R	NUMBER	[PMMOResult_Service_Level_0] M1001C227
TM5BRVTAHL26SECCB00HW01QK4	M1001C228_R	NUMBER	[PMMOResult_Service_Level_0] M1001C228
TM6HUP2AHL26SECCB00HW01QK4	M1001C229_R	NUMBER	[PMMOResult_Service_Level_0] M1001C229
TMAOCAPAHL26SECCB00HW01QK4	M1001C230_R	NUMBER	[PMMOResult_Service_Level_0] M1001C230
TMBTS4LAHL26SECCB00HW01QK4	M1001C231_R	NUMBER	[PMMOResult_Service_Level_0] M1001C231
TMD1KYHAHL26SECCB00HW01QK4	M1001C232_R	NUMBER	[PMMOResult_Service_Level_0] M1001C232
TME6Y3LAHL26SECCB00HW01QK4	M1001C233_R	NUMBER	[PMMOResult_Service_Level_0] M1001C233
TMFGIN6AHL26SECCB00HW01QK4	M1001C234_R	NUMBER	[PMMOResult_Service_Level_0] M1001C234
TMGLW6PAHL26SECCB00HW01QK4	M1001C235_R	NUMBER	[PMMOResult_Service_Level_0] M1001C235
TMHSHXPAHL26SECCB00HW01QK4	M1001C236_R	NUMBER	[PMMOResult_Service_Level_0] M1001C236

7.36.22NOK_ACH_RRC_CONN_ACC_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
BSC_ID		VARCHAR2(50)	[PMMOResult_Service_Level_0] RNC
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
TMIYYWPAHL26SECCB00HW01QK4	RRC_ACC_COMP	NUMBER	[PMMOResult_Service_Level_0] M1001C8
TMK6UDHAHL26SECCB00HW01QK4	M1001C9_R	NUMBER	[PMMOResult_Service_Level_0] M1001C9
TMLG5OLAHL26SECCB00HW01QK4	RRC_ACC_FAIL_DUE_TO_UU_INT	NUMBER	[PMMOResult_Service_Level_0] M1001C10

TMMMA66AHL26SECCB00HW01QK4	M1001C11_R	NUMBER	[PMMOResult_Service_Level_0] M1001C11
TMNO1GHAHL26SECCB00HW01QK4	M1001C241_R	NUMBER	[PMMOResult_Service_Level_0] M1001C241
TMOUU0PAHL26SECCB00HW01QK4	M1001C553_R	NUMBER	[PMMOResult_Service_Level_0] M1001C553
TMPYA62AHL26SECCB00HW01QK4	M1001C554_R	NUMBER	[PMMOResult_Service_Level_0] M1001C554
TMR25I2AHL26SECCB00HW01QK4	M1001C555_R	NUMBER	[PMMOResult_Service_Level_0] M1001C555
TMSBUSDAHL26SECCB00HW01QK4	M1001C556_R	NUMBER	[PMMOResult_Service_Level_0] M1001C556
TMTI5VDAHL26SECCB00HW01QK4	M1001C557_R	NUMBER	[PMMOResult_Service_Level_0] M1001C557
TMUO246AHL26SECCB00HW01QK4	M1001C558_R	NUMBER	[PMMOResult_Service_Level_0] M1001C558
TMVUASDAHL26SECCB00HW01QK4	M1001C559_R	NUMBER	[PMMOResult_Service_Level_0] M1001C559
TMX1L02AHL26SECCB00HW01QK4	M1001C560_R	NUMBER	[PMMOResult_Service_Level_0] M1001C560
TMYAINDAHL26SECCB00HW01QK4	M1001C561_R	NUMBER	[PMMOResult_Service_Level_0] M1001C561
TN0H226AHL26SECCB00HW01QK4	M1001C562_R	NUMBER	[PMMOResult_Service_Level_0] M1001C562
TN1NGRHAHL26SECCB00HW01QK4	M1001C563_R	NUMBER	[PMMOResult_Service_Level_0] M1001C563
TN2TLE6AHL26SECCB00HW01QK4	M1001C564_R	NUMBER	[PMMOResult_Service_Level_0] M1001C564
TN40HR2AHL26SECCB00HW01QK4	M1001C565_R	NUMBER	[PMMOResult_Service_Level_0] M1001C565
TN5CPVHAHL26SECCB00H	RRC_ACCESS_RELE	NUMBER	[PMMOResult_Service_Level

This edition applies to IBM® Tivoli® Netcool® Performance Manager for Wireless and to all subsequent releases and modifications until otherwise indicated in new editions.

W01QK4	ASE_DETACH		_0] M1001C566
TN6IJMPAHL26SECCB00HW01QK4	M1001C567_R	NUMBER	[PMMOResult_Service_Level_0] M1001C567
TNAOV2HAHL26SECCB00HW01QK4	M1001C568_R	NUMBER	[PMMOResult_Service_Level_0] M1001C568
TNBV4YXAHL26SECCB00HW01QK4	M1001C569_R	NUMBER	[PMMOResult_Service_Level_0] M1001C569
TND2HRDAHL26SECCB00HW01QK4	M1001C570_R	NUMBER	[PMMOResult_Service_Level_0] M1001C570
TNEBC4TAHL26SECCB00HW01QK4	M1001C571_R	NUMBER	[PMMOResult_Service_Level_0] M1001C571
TNFGW0LAHL26SECCB00HW01QK4	M1001C572_R	NUMBER	[PMMOResult_Service_Level_0] M1001C572
W2CVNR4DNQ2AICSDB02UAXYBDK	M1001C635	NUMBER	[PMMOResult_Service_Level_0] M1001C635
W2CVNR6DNQ2AICSDB02UAXYBDK	M1001C636	NUMBER	[PMMOResult_Service_Level_0] M1001C636
W2CVNRBDNQ2AICSDB02UAXYBDK	M1001C637	NUMBER	[PMMOResult_Service_Level_0] M1001C637
W2CVNRDDNQ2AICSDB02UAXYBDK	M1001C638	NUMBER	[PMMOResult_Service_Level_0] M1001C638
W2CVNRFDNQ2AICSDB02UAXYBDK	M1001C639	NUMBER	[PMMOResult_Service_Level_0] M1001C639
W2CVNRHDNQ2AICSDB02UAXYBDK	M1001C640	NUMBER	[PMMOResult_Service_Level_0] M1001C640

7.36.23NOK_ACH_RRC_CONN_ACT_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
BSC_ID		VARCHAR2(50)	[PMMOResult_Service_Level_0] RNC
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
WXJPL00AFQ2AHDVUJ02UAUIBEV	M1001C421	NUMBER	[PMMOResult_Service_Level_0] M1001C421

W2CVNQPDNQ2AICSDB02UAXYBDK	M1001C628	NUMBER	[PMMOResult_Service_Level_0] M1001C628
W2CVNQRDNQ2AICSDB02UAXYBDK	M1001C629	NUMBER	[PMMOResult_Service_Level_0] M1001C629
W2CVNRLDNQ2AICSDB02UAXYBDK	M1001C642	NUMBER	[PMMOResult_Service_Level_0] M1001C642
W2CVNRNDNQ2AICSDB02UAXYBDK	M1001C643	NUMBER	[PMMOResult_Service_Level_0] M1001C643
W2CVNRPDNQ2AICSDB02UAXYBDK	M1001C800	NUMBER	[PMMOResult_Service_Level_0] M1001C800
W2CVNRRDNQ2AICSDB02UAXYBDK	M1001C803	NUMBER	[PMMOResult_Service_Level_0] M1001C803
TNGJWCXAHL26SECCB00HW01QK4	RRC_ACTIVE_COMP	NUMBER	[PMMOResult_Service_Level_0] M1001C12
TNHRDMTAHL26SECCB00HW01QK4	M1001C13_R	NUMBER	[PMMOResult_Service_Level_0] M1001C13
TNIXT56AHL26SECCB00HW01QK4	RRC_ACTIVE_REL_DUE_TO_PRE_EMP	NUMBER	[PMMOResult_Service_Level_0] M1001C14
TNK56SHAHL26SECCB00HW01QK4	RRC_ACTIVE_FAIL_DUE_TO_IU_INT	NUMBER	[PMMOResult_Service_Level_0] M1001C15
TNLEETLAHL26SECCB00HW01QK4	M1001C16_R	NUMBER	[PMMOResult_Service_Level_0] M1001C16
TNMKSA6AHL26SECCB00HW01QK4	M1001C17_R	NUMBER	[PMMOResult_Service_Level_0] M1001C17
TNNQNI6AHL26SECCB00HW01QK4	M1001C18_R	NUMBER	[PMMOResult_Service_Level_0] M1001C18
TNOUC0PAHL26SECCB00HW01QK4	M1001C19_R	NUMBER	[PMMOResult_Service_Level_0] M1001C19
TNQ1FHLAHL26SECCB00HW01QK4	M1001C20_R	NUMBER	[PMMOResult_Service_Level_0] M1001C20
TNR46OLAHL26SECCB00H	M1001C21_R	NUMBER	[PMMOResult_Service_Level

This edition applies to IBM® Tivoli® Netcool® Performance Manager for Wireless and to all subsequent releases and modifications until otherwise indicated in new editions.

W01QK4			_0] M1001C21
TNSDOHLAHL26SECCB00HW01QK4	RRC_ACTIVE_FAIL_DUE_TO_UE	NUMBER	[PMMOResult_Service_Level_0] M1001C391

7.36.24NOK_ACH_RRC_CONN_SET_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
BSC_ID		VARCHAR2(50)	[PMMOResult_Service_Level_0] RNC
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
TOGGSAPAHL26SECCB00HW01QK4	RRC_SETUP_ATT	NUMBER	[PMMOResult_Service_Level_0] M1001C0
TOHMRBDAHL26SECCB00HW01QK4	RRC_SETUP_COMPL	NUMBER	[PMMOResult_Service_Level_0] M1001C1
TOIPODLAHL26SECCB00HW01QK4	RRC_SETUP_FAIL_DUE_TO_HC	NUMBER	[PMMOResult_Service_Level_0] M1001C2
TOJWU52AHL26SECCB00HW01QK4	RRC_SETUP_FAIL_DUE_TO_AC	NUMBER	[PMMOResult_Service_Level_0] M1001C3
TOL1FIHAHL26SECCB00HW01QK4	M1001C4_R	NUMBER	[PMMOResult_Service_Level_0] M1001C4
TOM3CLLAHL26SECCB00HW01QK4	RRC_SETUP_FAIL_DUE_TO_TRANS	NUMBER	[PMMOResult_Service_Level_0] M1001C5
TONCQUDAHL26SECCB00HW01QK4	M1001C6_R	NUMBER	[PMMOResult_Service_Level_0] M1001C6
TOOJPDTAHL26SECCB00HW01QK4	M1001C7_R	NUMBER	[PMMOResult_Service_Level_0] M1001C7
TOPP12PAHL26SECCB00HW01QK4	M1001C242_R	NUMBER	[PMMOResult_Service_Level_0] M1001C242
TOQV2YTAHL26SECCB00HW01QK4	M1001C247_R	NUMBER	[PMMOResult_Service_Level_0] M1001C247
TOS3WJTAHL26SECCB00HW01QK4	M1001C259_R	NUMBER	[PMMOResult_Service_Level_0] M1001C259
TOTGQ2PAHL26SECCB00HW01QK4	M1001C260_R	NUMBER	[PMMOResult_Service_Level_0] M1001C260

TOUMLBTAHL26SECCB00HW01QK4	M1001C530_R	NUMBER	[PMMOResult_Service_Level_0] M1001C530
TOVTCP2AHL26SECCB00HW01QK4	M1001C573_R	NUMBER	[PMMOResult_Service_Level_0] M1001C573
TOXBI6PAHL26SECCB00HW01QK4	M1001C574_R	NUMBER	[PMMOResult_Service_Level_0] M1001C574
TOYFIS6AHL26SECCB00HW01QK4	M1001C575_R	NUMBER	[PMMOResult_Service_Level_0] M1001C575
TP0KN26AHL26SECCB00HW01QK4	M1001C576_R	NUMBER	[PMMOResult_Service_Level_0] M1001C576
TP1O2Y2AHL26SECCB00HW01QK4	M1001C577_R	NUMBER	[PMMOResult_Service_Level_0] M1001C577
TP2QLQPAHL26SECCB00HW01QK4	M1001C578_R	NUMBER	[PMMOResult_Service_Level_0] M1001C578
TP44P6XAHL26SECCB00HW01QK4	M1001C579_R	NUMBER	[PMMOResult_Service_Level_0] M1001C579
TP5ARYPAHL26SECCB00HW01QK4	M1001C580_R	NUMBER	[PMMOResult_Service_Level_0] M1001C580
TP6HCODAHL26SECCB00HW01QK4	M1001C581_R	NUMBER	[PMMOResult_Service_Level_0] M1001C581
TPANSHTAHL26SECCB00HW01QK4	M1001C582_R	NUMBER	[PMMOResult_Service_Level_0] M1001C582
TPBUQ2TAHL26SECCB00HW01QK4	M1001C583_R	NUMBER	[PMMOResult_Service_Level_0] M1001C583
TPD2KTDAHL26SECCB00HW01QK4	M1001C584_R	NUMBER	[PMMOResult_Service_Level_0] M1001C584
TPECJWTAHL26SECCB00HW01QK4	M1001C585_R	NUMBER	[PMMOResult_Service_Level_0] M1001C585
TPFIJ5DAHL26SECCB00HW01QK4	RRC_SETUP_ATT_REPEAT_DETACH	NUMBER	[PMMOResult_Service_Level_0] M1001C586
TPGPLBHAHL26SECCB00H	M1001C587_R	NUMBER	[PMMOResult_Service_Level

This edition applies to IBM® Tivoli® Netcool® Performance Manager for Wireless and to all subsequent releases and modifications until otherwise indicated in new editions.

W01QK4			_0] M1001C587
TPHW63DAHL26SECCB00HW01QK4	M1001C588_R	NUMBER	[PMMOResult_Service_Level_0] M1001C588
TPJ3YSPAHL26SECCB00HW01QK4	M1001C589_R	NUMBER	[PMMOResult_Service_Level_0] M1001C589
TPKEG2XAHL26SECCB00HW01QK4	M1001C590_R	NUMBER	[PMMOResult_Service_Level_0] M1001C590
TPLLM6TAHL26SECCB00HW01QK4	M1001C591_R	NUMBER	[PMMOResult_Service_Level_0] M1001C591
TPMRTF2AHL26SECCB00HW01QK4	M1001C592_R	NUMBER	[PMMOResult_Service_Level_0] M1001C592
UAQACVD1IM2AHSXR0035XKCUAI	M1001C610	NUMBER	[PMMOResult_Service_Level_0] M1001C610
UAQACVF1IM2AHSXR0035XKCUAI	M1001C611	NUMBER	[PMMOResult_Service_Level_0] M1001C611
UAQACVH1IM2AHSXR0035XKCUAI	M1001C612	NUMBER	[PMMOResult_Service_Level_0] M1001C612
UAQACVJ1IM2AHSXR0035XKCUAI	M1001C613	NUMBER	[PMMOResult_Service_Level_0] M1001C613
UAQACVL1IM2AHSXR0035XKCUAI	M1001C614	NUMBER	[PMMOResult_Service_Level_0] M1001C614
UAQACVN1IM2AHSXR0035XKCUAI	M1001C615	NUMBER	[PMMOResult_Service_Level_0] M1001C615
UAQACVP1IM2AHSXR0035XKCUAI	M1001C616	NUMBER	[PMMOResult_Service_Level_0] M1001C616
UAQACVR1IM2AHSXR0035XKCUAI	M1001C617	NUMBER	[PMMOResult_Service_Level_0] M1001C617
UAQACVT1IM2AHSXR0035XKCUAI	M1001C618	NUMBER	[PMMOResult_Service_Level_0] M1001C618
W2CVNQTDNQ2AICSDB02UAXYBDK	M1001C630	NUMBER	[PMMOResult_Service_Level_0] M1001C630
W2CVNQVDNQ2AICSDB02UAXYBDK	M1001C631	NUMBER	[PMMOResult_Service_Level_0] M1001C631
W2CVNQXDNQ2AICSDB02UAXYBDK	M1001C632	NUMBER	[PMMOResult_Service_Level_0] M1001C632

W2CVNR0DNQ2AICSDB02UAXYBDK	M1001C633	NUMBER	[PMMOResult_Service_Level_0] M1001C633
W2CVNR2DNQ2AICSDB02UAXYBDK	M1001C634	NUMBER	[PMMOResult_Service_Level_0] M1001C634
W2CVNRJDNQ2AICSDB02UAXYBDK	M1001C641	NUMBER	[PMMOResult_Service_Level_0] M1001C641

7.36.25NOK_ACH_RRC_CONNS_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
BSC_ID		VARCHAR2(50)	[PMMOResult_Service_Level_0] RNC
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
WXJPL0PAFQ2AHDVUJ02UAUIBEV	M1001C443	NUMBER	[PMMOResult_Service_Level_0] M1001C443
WXJPL22AFQ2AHDVUJ02UAUIBEV	M1001C466	NUMBER	[PMMOResult_Service_Level_0] M1001C466

7.36.26NOK_ACH_RRC_EST_UE_CAP_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
BSC_ID		VARCHAR2(50)	[PMMOResult_Service_Level_0] RNC
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
X4IQMPNAFQ2AHDVUJ02UAUIBEV	M1001C595	NUMBER	[PMMOResult_Service_Level_0] M1001C595
TPNYNJTAHL26SECCB00HW01QK4	UE_SUPPORT_FOR_IPHC	NUMBER	[PMMOResult_Service_Level_0] M1001C389
TPP2TT2AHL26SECCB00H	UE_SUPPORT_FOR_	NUMBER	[PMMOResult_Service_Level

This edition applies to IBM® Tivoli® Netcool® Performance Manager for Wireless and to all subsequent releases and modifications until otherwise indicated in new editions.

W01QK4	ROHC		_0] M1001C390
TPQ5TUXAHL26SECCB00HW01QK4	M1001C404_R	NUMBER	[PMMOResult_Service_Level_0] M1001C404
TPREKQDAHL26SECCB00HW01QK4	M1001C405_R	NUMBER	[PMMOResult_Service_Level_0] M1001C405
TPSH6K6AHL26SECCB00HW01QK4	UE_SUPPORT_FOR_GSM	NUMBER	[PMMOResult_Service_Level_0] M1001C406
TPTNTN6AHL26SECCB00HW01QK4	M1001C407_R	NUMBER	[PMMOResult_Service_Level_0] M1001C407
TPUTCLHAHL26SECCB00HW01QK4	M1001C408_R	NUMBER	[PMMOResult_Service_Level_0] M1001C408
TPVYB32AHL26SECCB00HW01QK4	M1001C548_R	NUMBER	[PMMOResult_Service_Level_0] M1001C548
TPX2ON6AHL26SECCB00HW01QK4	M1001C549_R	NUMBER	[PMMOResult_Service_Level_0] M1001C549
TPYBJ3TAHL26SECCB00HW01QK4	M1001C550_R	NUMBER	[PMMOResult_Service_Level_0] M1001C550
TQ0G6QDAHL26SECCB00HW01QK4	M1001C551_R	NUMBER	[PMMOResult_Service_Level_0] M1001C551
TQ1LMJ6AHL26SECCB00HW01QK4	M1001C552_R	NUMBER	[PMMOResult_Service_Level_0] M1001C552

7.36.27NOK_ACH_SIG_PAG_MSG_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
BSC_ID		VARCHAR2(50)	[PMMOResult_RRC_0] RNC
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
TRKKTLHAHL26SECCB00HW01QK4	PAGING_TYPE_1_ATT_CN_ORIG	NUMBER	[PMMOResult_RRC_0] M1006C25
TRLNTR2AHL26SECCB00HW01QK4	PAGING_TYPE_1_ATT_RNC_ORIG	NUMBER	[PMMOResult_RRC_0] M1006C26
TRMVW66AHL26SECCB00HW01QK4	PAGING_TYPE_2_ATT	NUMBER	[PMMOResult_RRC_0] M1006C27

TRO3PJPAHL26SECCB00HW01QK4	INI_DIR_TRAN	NUMBER	[PMMOResult_RRC_0] M1006C54
TRPCIG2AHL26SECCB00HW01QK4	SEC_MOD_CONTRL	NUMBER	[PMMOResult_RRC_0] M1006C55
TRQH4CLAHL26SECCB00HW01QK4	SEC_MOD_CONTRL_COMP	NUMBER	[PMMOResult_RRC_0] M1006C56
TRRJPNPAHL26SECCB00HW01QK4	SIG_CONN_REL	NUMBER	[PMMOResult_RRC_0] M1006C57
TRSPHDDAHL26SECCB00HW01QK4	SIG_CONN_REL_REQ	NUMBER	[PMMOResult_RRC_0] M1006C58

7.36.28NOK_ACH_SOFT_HANDOVER_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
BSC_ID		VARCHAR2(50)	[PMMOResult_Soft_Handover_RNC] RNC
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
XDI26KTAFQ2AHDVUJ02UAUIBEV	M1007C38	NUMBER	[PMMOResult_Soft_Handover_RNC] M1007C38
XDI26KVAFQ2AHDVUJ02UAUIBEV	M1007C39	NUMBER	[PMMOResult_Soft_Handover_RNC] M1007C39
XDI26KXAFQ2AHDVUJ02UAUIBEV	M1007C40	NUMBER	[PMMOResult_Soft_Handover_RNC] M1007C40
XDI26L0AFQ2AHDVUJ02UAUIBEV	M1007C41	NUMBER	[PMMOResult_Soft_Handover_RNC] M1007C41
XDI26L2AFQ2AHDVUJ02UAUIBEV	M1007C42	NUMBER	[PMMOResult_Soft_Handover_RNC] M1007C42
XDI26L4AFQ2AHDVUJ02UAUIBEV	M1007C43	NUMBER	[PMMOResult_Soft_Handover_RNC] M1007C43
XDI26L6AFQ2AHDVUJ02UA	M1007C44	NUMBER	[PMMOResult_Soft_Handove

UIBEV			r_RNC] M1007C44
XDI26LBAFQ2AHDVUJ02UAUIBEV	M1007C45	NUMBER	[PMMOResult_Soft_Handover_RNC] M1007C45
XDI26LDAFQ2AHDVUJ02UAUIBEV	M1007C46	NUMBER	[PMMOResult_Soft_Handover_RNC] M1007C46
XDI26LFAFQ2AHDVUJ02UAUIBEV	M1007C47	NUMBER	[PMMOResult_Soft_Handover_RNC] M1007C47
XDI26LHAFQ2AHDVUJ02UAUIBEV	M1007C48	NUMBER	[PMMOResult_Soft_Handover_RNC] M1007C48
XDI26LJAFQ2AHDVUJ02UAUIBEV	M1007C49	NUMBER	[PMMOResult_Soft_Handover_RNC] M1007C49
XDI26LLAFQ2AHDVUJ02UAUIBEV	M1007C50	NUMBER	[PMMOResult_Soft_Handover_RNC] M1007C50
XDI26LNAFQ2AHDVUJ02UAUIBEV	M1007C51	NUMBER	[PMMOResult_Soft_Handover_RNC] M1007C51
XDI26LPAFQ2AHDVUJ02UAUIBEV	M1007C52	NUMBER	[PMMOResult_Soft_Handover_RNC] M1007C52
XDI26LRAFQ2AHDVUJ02UAUIBEV	M1007C54	NUMBER	[PMMOResult_Soft_Handover_RNC] M1007C54
XDI26LTAFQ2AHDVUJ02UAUIBEV	M1007C55	NUMBER	[PMMOResult_Soft_Handover_RNC] M1007C55
XDI26LVAFQ2AHDVUJ02UAUIBEV	M1007C56	NUMBER	[PMMOResult_Soft_Handover_RNC] M1007C56
XDI26LXAFQ2AHDVUJ02UAUIBEV	M1007C57	NUMBER	[PMMOResult_Soft_Handover_RNC] M1007C57
XDI26M0AFQ2AHDVUJ02UAUIBEV	M1007C58	NUMBER	[PMMOResult_Soft_Handover_RNC] M1007C58
XDI26M2AFQ2AHDVUJ02UAUIBEV	M1007C59	NUMBER	[PMMOResult_Soft_Handover_RNC] M1007C59
XDI26M4AFQ2AHDVUJ02UAUIBEV	M1007C60	NUMBER	[PMMOResult_Soft_Handover_RNC] M1007C60
XDI26M6AFQ2AHDVUJ02UAUIBEV	M1007C61	NUMBER	[PMMOResult_Soft_Handover_RNC] M1007C61
XDI26MBAFQ2AHDVUJ02UAUIBEV	M1007C62	NUMBER	[PMMOResult_Soft_Handover_RNC] M1007C62

UAQAD5B1IM2AHSXR0035XKCUAI	M1007C66	NUMBER	[PMMOResult_Soft_Handover_RNC] M1007C66
UAQAD5D1IM2AHSXR0035XKCUAI	M1007C67	NUMBER	[PMMOResult_Soft_Handover_RNC] M1007C67
UAQAD5F1IM2AHSXR0035XKCUAI	M1007C68	NUMBER	[PMMOResult_Soft_Handover_RNC] M1007C68
UAQAD5H1IM2AHSXR0035XKCUAI	M1007C69	NUMBER	[PMMOResult_Soft_Handover_RNC] M1007C69
UAQAD5J1IM2AHSXR0035XKCUAI	M1007C70	NUMBER	[PMMOResult_Soft_Handover_RNC] M1007C70
UMOVINH1IM2AHSXR0035XKCUAI	M1007C53	NUMBER	[PMMOResult_Soft_Handover_RNC] M1007C53
W2CVNRTDNQ2AICSDB02UAXYBDK	M1007C71	NUMBER	[PMMOResult_Soft_Handover_RNC] M1007C71
W2CVNRVDNQ2AICSDB02UAXYBDK	M1007C72	NUMBER	[PMMOResult_Soft_Handover_RNC] M1007C72

7.36.29NOK_HSPA_IFHO_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
BSC_ID		VARCHAR2(50)	[PMMOResult_Intra_System_HHO_RNC] RNC
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
XDRXATJDMM2AICSD002UAXYBDK	M1008C247	NUMBER	[PMMOResult_Intra_System_HHO_RNC] M1008C247
XDRXATLDMM2AICSD002UAXYBDK	M1008C248	NUMBER	[PMMOResult_Intra_System_HHO_RNC] M1008C248
XDRXATNDMM2AICSD002UAXYBDK	M1008C249	NUMBER	[PMMOResult_Intra_System_HHO_RNC] M1008C249
XDRXATPDMM2AICSD002U	M1008C250	NUMBER	[PMMOResult_Intra_System_

This edition applies to IBM® Tivoli® Netcool® Performance Manager for Wireless and to all subsequent releases and modifications until otherwise indicated in new editions.

AXYBDK			HHO_RNC] M1008C250
XDRXATRDMM2AICSD002U AXYBDK	M1008C251	NUMBER	[PMMOResult_Intra_System_ HHO_RNC] M1008C251
XDRXATTDMM2AICSD002U AXYBDK	M1008C252	NUMBER	[PMMOResult_Intra_System_ HHO_RNC] M1008C252
XDRXATVDMM2AICSD002U AXYBDK	M1008C253	NUMBER	[PMMOResult_Intra_System_ HHO_RNC] M1008C253
XDRXATXDMM2AICSD002U AXYBDK	M1008C254	NUMBER	[PMMOResult_Intra_System_ HHO_RNC] M1008C254
XDRXAU0DMM2AICSD002U AXYBDK	M1008C255	NUMBER	[PMMOResult_Intra_System_ HHO_RNC] M1008C255
XDRXAU2DMM2AICSD002U AXYBDK	M1008C256	NUMBER	[PMMOResult_Intra_System_ HHO_RNC] M1008C256
XDRXAU4DMM2AICSD002U AXYBDK	M1008C257	NUMBER	[PMMOResult_Intra_System_ HHO_RNC] M1008C257
XDRXAU6DMM2AICSD002U AXYBDK	M1008C258	NUMBER	[PMMOResult_Intra_System_ HHO_RNC] M1008C258
XDRXAUBDMM2AICSD002U AXYBDK	M1008C259	NUMBER	[PMMOResult_Intra_System_ HHO_RNC] M1008C259
XDRXAUDDMM2AICSD002U AXYBDK	M1008C260	NUMBER	[PMMOResult_Intra_System_ HHO_RNC] M1008C260
XDRXAUFDMM2AICSD002U AXYBDK	M1008C261	NUMBER	[PMMOResult_Intra_System_ HHO_RNC] M1008C261
XDRXAUHDMM2AICSD002U AXYBDK	M1008C262	NUMBER	[PMMOResult_Intra_System_ HHO_RNC] M1008C262
XDRXAUJDMM2AICSD002U AXYBDK	M1008C263	NUMBER	[PMMOResult_Intra_System_ HHO_RNC] M1008C263
XDRXAULDMM2AICSD002U AXYBDK	M1008C264	NUMBER	[PMMOResult_Intra_System_ HHO_RNC] M1008C264
XDRXAUNDMM2AICSD002U AXYBDK	M1008C265	NUMBER	[PMMOResult_Intra_System_ HHO_RNC] M1008C265
XDRXAUPDMM2AICSD002U AXYBDK	M1008C266	NUMBER	[PMMOResult_Intra_System_ HHO_RNC] M1008C266
XDRXAURDMM2AICSD002U AXYBDK	M1008C267	NUMBER	[PMMOResult_Intra_System_ HHO_RNC] M1008C267

XDRXAUTDMM2AICSD002UAXYBDK	M1008C268	NUMBER	[PMMOResult_Intra_System_HHO_RNC] M1008C268
XDRXAUVDMM2AICSD002UAXYBDK	M1008C269	NUMBER	[PMMOResult_Intra_System_HHO_RNC] M1008C269
XDRXAUXDMM2AICSD002UAXYBDK	M1008C270	NUMBER	[PMMOResult_Intra_System_HHO_RNC] M1008C270
XDRXAV0DMM2AICSD002UAXYBDK	M1008C271	NUMBER	[PMMOResult_Intra_System_HHO_RNC] M1008C271
XDRXAV2DMM2AICSD002UAXYBDK	M1008C272	NUMBER	[PMMOResult_Intra_System_HHO_RNC] M1008C272
XDRXAV4DMM2AICSD002UAXYBDK	M1008C273	NUMBER	[PMMOResult_Intra_System_HHO_RNC] M1008C273
XDRXAV6DMM2AICSD002UAXYBDK	M1008C274	NUMBER	[PMMOResult_Intra_System_HHO_RNC] M1008C274

7.36.30NOK_INTRA_HHO_REJ_REL_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
BSC_ID		VARCHAR2(50)	[PMMOResult_Intra_System_HHO_RNC] RNC
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
U22RLHLAHL26SECCB00HW01QK4	M1008C114	NUMBER	[PMMOResult_Intra_System_HHO_RNC] M1008C114

7.36.31NOK_NKRN_ACRABACTFAILVO_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
BSC_ID		VARCHAR2(50)	[PMMOResult_Service_Level_0] RNC
TSTAMP		DATE	

This edition applies to IBM® Tivoli® Netcool® Performance Manager for Wireless and to all subsequent releases and modifications until otherwise indicated in new editions.

INSTANCE_ID		NUMBER	
TECN4GPAHL26SECCB00HW01QK4	M1001C145_R	NUMBER	[PMMOResult_Service_Level_0] M1001C145
TEDO5DDAHL26SECCB00HW01QK4	M1001C146_R	NUMBER	[PMMOResult_Service_Level_0] M1001C146
TEERJHLAHL26SECCB00HW01QK4	M1001C147_R	NUMBER	[PMMOResult_Service_Level_0] M1001C147
TEFSARDAHL26SECCB00HW01QK4	M1001C148_R	NUMBER	[PMMOResult_Service_Level_0] M1001C148
TEGU0C6AHL26SECCB00HW01QK4	M1001C149_R	NUMBER	[PMMOResult_Service_Level_0] M1001C149
TEHYLUDAHL26SECCB00HW01QK4	M1001C150_R	NUMBER	[PMMOResult_Service_Level_0] M1001C150
TEJ44E2AHL26SECCB00HW01QK4	M1001C392_R	NUMBER	[PMMOResult_Service_Level_0] M1001C392

7.36.32NOK_NKRN_ACRABACTRLCSDT_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
BSC_ID		VARCHAR2(50)	[PMMOResult_Service_Level_0] RNC
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
WXJPL02AFQ2AHDVUJ02UAUIBEV	M1001C422	NUMBER	[PMMOResult_Service_Level_0] M1001C422
WXJPL04AFQ2AHDVUJ02UAUIBEV	M1001C423	NUMBER	[PMMOResult_Service_Level_0] M1001C423
WXJPL06AFQ2AHDVUJ02UAUIBEV	M1001C424	NUMBER	[PMMOResult_Service_Level_0] M1001C424
WXJPL0BAFQ2AHDVUJ02UAUIBEV	M1001C425	NUMBER	[PMMOResult_Service_Level_0] M1001C425
WXJPL0DAFQ2AHDVUJ02UAUIBEV	M1001C426	NUMBER	[PMMOResult_Service_Level_0] M1001C426
TFKOGEPAHL26SECCB00HW01QK4	M1001C151_R	NUMBER	[PMMOResult_Service_Level_0] M1001C151

TFLT6STAHL26SECCB00HW01QK4	M1001C152_R	NUMBER	[PMMOResult_Service_Level_0] M1001C152
TFMVELLAHL26SECCB00HW01QK4	M1001C153_R	NUMBER	[PMMOResult_Service_Level_0] M1001C153
TFNX44PAHL26SECCB00HW01QK4	M1001C154_R	NUMBER	[PMMOResult_Service_Level_0] M1001C154
TFP3OYHAHL26SECCB00HW01QK4	M1001C427_R	NUMBER	[PMMOResult_Service_Level_0] M1001C427
TFQBRV2AHL26SECCB00HW01QK4	M1001C428_R	NUMBER	[PMMOResult_Service_Level_0] M1001C428
TFRGXRDAHL26SECCB00HW01QK4	M1001C429_R	NUMBER	[PMMOResult_Service_Level_0] M1001C429
TFSLMLXAHL26SECCB00HW01QK4	M1001C430_R	NUMBER	[PMMOResult_Service_Level_0] M1001C430

7.36.33NOK_NKRN_ACRABACTRLCSVO_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
BSC_ID		VARCHAR2(50)	[PMMOResult_Service_Level_0] RNC
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
W2CVNQ6DNQ2AICSDB02UAXYBDK	M1001C620	NUMBER	[PMMOResult_Service_Level_0] M1001C620
TFTQL3LAHL26SECCB00HW01QK4	M1001C143_R	NUMBER	[PMMOResult_Service_Level_0] M1001C143
TFUVVRXAHL26SECCB00HW01QK4	M1001C144_R	NUMBER	[PMMOResult_Service_Level_0] M1001C144

7.36.34NOK_NKRN_ACRABACTRLPSDT_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping

BSC_ID		VARCHAR2(50)	[PMMOResult_Service_Level_0] RNC
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
WXJPL0FAFQ2AHDVUJ02UAUIBEV	M1001C431	NUMBER	[PMMOResult_Service_Level_0] M1001C431
WXJPL0HAFQ2AHDVUJ02UAUIBEV	M1001C432	NUMBER	[PMMOResult_Service_Level_0] M1001C432
WXJPL0JAFQ2AHDVUJ02UAUIBEV	M1001C433	NUMBER	[PMMOResult_Service_Level_0] M1001C433
WXJPL0LAFQ2AHDVUJ02UAUIBEV	M1001C434	NUMBER	[PMMOResult_Service_Level_0] M1001C434
WXJPL0NAFQ2AHDVUJ02UAUIBEV	M1001C435	NUMBER	[PMMOResult_Service_Level_0] M1001C435
TFW2EJDAHL26SECCB00HW01QK4	M1001C167_R	NUMBER	[PMMOResult_Service_Level_0] M1001C167
TFX6QYHAHL26SECCB00HW01QK4	M1001C168_R	NUMBER	[PMMOResult_Service_Level_0] M1001C168
TFYBJYXAHL26SECCB00HW01QK4	M1001C169_R	NUMBER	[PMMOResult_Service_Level_0] M1001C169
TG0FX1TAHL26SECCB00HW01QK4	M1001C170_R	NUMBER	[PMMOResult_Service_Level_0] M1001C170
TG1KQ26AHL26SECCB00HW01QK4	M1001C171_R	NUMBER	[PMMOResult_Service_Level_0] M1001C171
TG2Q6IHAHL26SECCB00HW01QK4	M1001C172_R	NUMBER	[PMMOResult_Service_Level_0] M1001C172
TG3VCHLAHL26SECCB00HW01QK4	M1001C436_R	NUMBER	[PMMOResult_Service_Level_0] M1001C436
TG51UO6AHL26SECCB00HW01QK4	M1001C437_R	NUMBER	[PMMOResult_Service_Level_0] M1001C437
TG63RSLAHL26SECCB00HW01QK4	M1001C438_R	NUMBER	[PMMOResult_Service_Level_0] M1001C438
TGABQGDAHL26SECCB00HW01QK4	M1001C439_R	NUMBER	[PMMOResult_Service_Level_0] M1001C439

7.36.35NOK_NKRN_ACRABSTACCCOMP_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
BSC_ID		VARCHAR2(50)	[PMMOResult_Service_Level_0] RNC
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
THRL5AXAHL26SECCB00HW01QK4	M1001C115_R	NUMBER	[PMMOResult_Service_Level_0] M1001C115
THSQPW2AHL26SECCB00HW01QK4	M1001C116_R	NUMBER	[PMMOResult_Service_Level_0] M1001C116
THTWBULAHL26SECCB00HW01QK4	M1001C117_R	NUMBER	[PMMOResult_Service_Level_0] M1001C117
THV3NJLAHL26SECCB00HW01QK4	M1001C118_R	NUMBER	[PMMOResult_Service_Level_0] M1001C118
THWBOA6AHL26SECCB00HW01QK4	M1001C119_R	NUMBER	[PMMOResult_Service_Level_0] M1001C119
THXGVVXAHL26SECCB00HW01QK4	M1001C120_R	NUMBER	[PMMOResult_Service_Level_0] M1001C120
THYIP5LAHL26SECCB00HW01QK4	M1001C121_R	NUMBER	[PMMOResult_Service_Level_0] M1001C121
TI0ISP6AHL26SECCB00HW01QK4	M1001C264_R	NUMBER	[PMMOResult_Service_Level_0] M1001C264
TI1KJCTAHL26SECCB00HW01QK4	M1001C266_R	NUMBER	[PMMOResult_Service_Level_0] M1001C266
TI2R64HAHL26SECCB00HW01QK4	M1001C268_R	NUMBER	[PMMOResult_Service_Level_0] M1001C268
TI3WMEPAHL26SECCB00HW01QK4	M1001C270_R	NUMBER	[PMMOResult_Service_Level_0] M1001C270
TI5AQULAHL26SECCB00HW01QK4	M1001C272_R	NUMBER	[PMMOResult_Service_Level_0] M1001C272
TI6GLMXAHL26SECCB00H	M1001C277_R	NUMBER	[PMMOResult_Service_Level

W01QK4			_0] M1001C277
TIAM2RDAHL26SECCB00H W01QK4	M1001C278_R	NUMBER	[PMMOResult_Service_Level _0] M1001C278
TIBR1LXAHL26SECCB00H W01QK4	M1001C279_R	NUMBER	[PMMOResult_Service_Level _0] M1001C279
TICTCVTAHL26SECCB00H W01QK4	M1001C280_R	NUMBER	[PMMOResult_Service_Level _0] M1001C280
TIDYVWPAHL26SECCB00H W01QK4	M1001C379_R	NUMBER	[PMMOResult_Service_Level _0] M1001C379
TIF4OS2AHL26SECCB00HW 01QK4	M1001C380_R	NUMBER	[PMMOResult_Service_Level _0] M1001C380
TIGB1W6AHL26SECCB00H W01QK4	M1001C381_R	NUMBER	[PMMOResult_Service_Level _0] M1001C381
TIHH55HAHL26SECCB00H W01QK4	M1001C382_R	NUMBER	[PMMOResult_Service_Level _0] M1001C382
TIIJLDDAHL26SECCB00HW 01QK4	M1001C383_R	NUMBER	[PMMOResult_Service_Level _0] M1001C383
TIJOEBTAHL26SECCB00H W01QK4	M1001C413_R	NUMBER	[PMMOResult_Service_Level _0] M1001C413
TIKRB5HAHL26SECCB00H W01QK4	M1001C414_R	NUMBER	[PMMOResult_Service_Level _0] M1001C414
TILT6XDAHL26SECCB00H W01QK4	M1001C415_R	NUMBER	[PMMOResult_Service_Level _0] M1001C415
TIMVMS6AHL26SECCB00H W01QK4	M1001C416_R	NUMBER	[PMMOResult_Service_Level _0] M1001C416
UAQACUJ1IM2AHSXR0035 XKCUAI	M1001C597	NUMBER	[PMMOResult_Service_Level _0] M1001C597
UAQACUT1IM2AHSXR0035 XKCUAI	M1001C602	NUMBER	[PMMOResult_Service_Level _0] M1001C602

7.36.36NOK_NKRN_ACRABSTACCFAIL_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
BSC_ID		VARCHAR2(50)	[PMMOResult_Service_Level_0] RNC

TSTAMP		DATE	
INSTANCE_ID		NUMBER	
TIO2GWLAHL26SECCB00HW01QK4	M1001C122_R	NUMBER	[PMMOResult_Service_Level_0] M1001C122
TIPBBJXAHL26SECCB00HW01QK4	M1001C123_R	NUMBER	[PMMOResult_Service_Level_0] M1001C123
TIQD10LAHL26SECCB00HW01QK4	M1001C124_R	NUMBER	[PMMOResult_Service_Level_0] M1001C124
TIREV1HAHL26SECCB00HW01QK4	M1001C125_R	NUMBER	[PMMOResult_Service_Level_0] M1001C125
TISHBRLAHL26SECCB00HW01QK4	M1001C126_R	NUMBER	[PMMOResult_Service_Level_0] M1001C126
TITJKWXAHL26SECCB00HW01QK4	M1001C127_R	NUMBER	[PMMOResult_Service_Level_0] M1001C127
TIUQ6ELAHL26SECCB00HW01QK4	M1001C128_R	NUMBER	[PMMOResult_Service_Level_0] M1001C128
TIVVYDHAHL26SECCB00HW01QK4	M1001C129_R	NUMBER	[PMMOResult_Service_Level_0] M1001C129
TIX2Q2LAHL26SECCB00HW01QK4	M1001C130_R	NUMBER	[PMMOResult_Service_Level_0] M1001C130
TIY655TAHL26SECCB00HW01QK4	M1001C131_R	NUMBER	[PMMOResult_Service_Level_0] M1001C131
TJ0EQY6AHL26SECCB00HW01QK4	M1001C132_R	NUMBER	[PMMOResult_Service_Level_0] M1001C132
TJ1JB52AHL26SECCB00HW01QK4	M1001C133_R	NUMBER	[PMMOResult_Service_Level_0] M1001C133
TJ2ODQ2AHL26SECCB00HW01QK4	M1001C134_R	NUMBER	[PMMOResult_Service_Level_0] M1001C134
TJ3R5B2AHL26SECCB00HW01QK4	M1001C135_R	NUMBER	[PMMOResult_Service_Level_0] M1001C135

This edition applies to IBM® Tivoli® Netcool® Performance Manager for Wireless and to all subsequent releases and modifications until otherwise indicated in new editions.

7.36.37NOK_NKRN_ACRABSTSTCOMP_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
BSC_ID		VARCHAR2(50)	[PMMOResult_Service_Level_0] RNC
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
UAQACUP1IM2AHSXR0035XKCUAI	M1001C600	NUMBER	[PMMOResult_Service_Level_0] M1001C600
TJWUV0TAHL26SECCB00HW01QK4	M1001C73_R	NUMBER	[PMMOResult_Service_Level_0] M1001C73
TJY0BFTAHL26SECCB00HW01QK4	M1001C74_R	NUMBER	[PMMOResult_Service_Level_0] M1001C74
TK05ULPAHL26SECCB00HW01QK4	M1001C75_R	NUMBER	[PMMOResult_Service_Level_0] M1001C75
TK1FA1HAHL26SECCB00HW01QK4	M1001C76_R	NUMBER	[PMMOResult_Service_Level_0] M1001C76
TK2KLNTAHL26SECCB00HW01QK4	M1001C77_R	NUMBER	[PMMOResult_Service_Level_0] M1001C77
TK3PVH2AHL26SECCB00HW01QK4	M1001C78_R	NUMBER	[PMMOResult_Service_Level_0] M1001C78
TK4V66PAHL26SECCB00HW01QK4	M1001C79_R	NUMBER	[PMMOResult_Service_Level_0] M1001C79
TK625E2AHL26SECCB00HW01QK4	M1001C409_R	NUMBER	[PMMOResult_Service_Level_0] M1001C409
TKAB32HAHL26SECCB00HW01QK4	M1001C410_R	NUMBER	[PMMOResult_Service_Level_0] M1001C410
TKBGL3TAHL26SECCB00HW01QK4	M1001C411_R	NUMBER	[PMMOResult_Service_Level_0] M1001C411
TKCMIBHAHL26SECCB00HW01QK4	M1001C412_R	NUMBER	[PMMOResult_Service_Level_0] M1001C412

7.36.38NOK_NKRN_ACRRCCONNMBPC_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
BSC_ID		VARCHA	[PMMOResult_RRC_0] RNC

		R2(50)	
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
XDI26IVAFQ2AHDVUJ02UAUIBEV	M1006C99	NUMBER	[PMMOResult_RRC_0] M1006C99
UAQAD2P1IM2AHSXR0035XKCUAI	M1006C121	NUMBER	[PMMOResult_RRC_0] M1006C121
UAQAD2R1IM2AHSXR0035XKCUAI	M1006C122	NUMBER	[PMMOResult_RRC_0] M1006C122
UAQAD2T1IM2AHSXR0035XKCUAI	M1006C123	NUMBER	[PMMOResult_RRC_0] M1006C123
UAQAD2V1IM2AHSXR0035XKCUAI	M1006C124	NUMBER	[PMMOResult_RRC_0] M1006C124
UAQAD2X1IM2AHSXR0035XKCUAI	M1006C125	NUMBER	[PMMOResult_RRC_0] M1006C125
UAQAD301IM2AHSXR0035XKCUAI	M1006C126	NUMBER	[PMMOResult_RRC_0] M1006C126
W2CVNOTDNQ2AICSDB02UAXYBDK	M1006C179	NUMBER	[PMMOResult_RRC_0] M1006C179
W2CVNOVDNQ2AICSDB02UAXYBDK	M1006C180	NUMBER	[PMMOResult_RRC_0] M1006C180
W2CVNOXDNQ2AICSDB02UAXYBDK	M1006C181	NUMBER	[PMMOResult_RRC_0] M1006C181
W2CVNP0DNQ2AICSDB02UAXYBDK	M1006C182	NUMBER	[PMMOResult_RRC_0] M1006C182
W2CVNP2DNQ2AICSDB02UAXYBDK	M1006C183	NUMBER	[PMMOResult_RRC_0] M1006C183
W2CVNP4DNQ2AICSDB02UAXYBDK	M1006C184	NUMBER	[PMMOResult_RRC_0] M1006C184
W2CVNP6DNQ2AICSDB02UAXYBDK	M1006C185	NUMBER	[PMMOResult_RRC_0] M1006C185

This edition applies to IBM® Tivoli® Netcool® Performance Manager for Wireless and to all subsequent releases and modifications until otherwise indicated in new editions.

W2CVNPBDNQ2AICSDB02UAXYBDK	M1006C186	NUMBER	[PMMOResult_RRC_0] M1006C186
W2CVNPDDNQ2AICSDB02UAXYBDK	M1006C187	NUMBER	[PMMOResult_RRC_0] M1006C187
W2CVNPFDNQ2AICSDB02UAXYBDK	M1006C188	NUMBER	[PMMOResult_RRC_0] M1006C188
W2CVNPHDNQ2AICSDB02UAXYBDK	M1006C189	NUMBER	[PMMOResult_RRC_0] M1006C189
W2CVNPJDNQ2AICSDB02UAXYBDK	M1006C190	NUMBER	[PMMOResult_RRC_0] M1006C190
W2CVNPLDNQ2AICSDB02UAXYBDK	M1006C191	NUMBER	[PMMOResult_RRC_0] M1006C191
TNTHPMTAHL26SECCB00HW01QK4	M1006C34_R	NUMBER	[PMMOResult_RRC_0] M1006C34
TNUK1Y6AHL26SECCB00HW01QK4	M1006C35_R	NUMBER	[PMMOResult_RRC_0] M1006C35
TNVQTXHAHL26SECCB00HW01QK4	M1006C36_R	NUMBER	[PMMOResult_RRC_0] M1006C36
TNWTSVPAHL26SECCB00HW01QK4	M1006C37_R	NUMBER	[PMMOResult_RRC_0] M1006C37
TNY2BGXAHL26SECCB00HW01QK4	M1006C38_R	NUMBER	[PMMOResult_RRC_0] M1006C38
TO0BCXLAHL26SECCB00HW01QK4	M1006C39_R	NUMBER	[PMMOResult_RRC_0] M1006C39
TO1GH6DAHL26SECCB00HW01QK4	M1006C40_R	NUMBER	[PMMOResult_RRC_0] M1006C40
TO2NBH6AHL26SECCB00HW01QK4	RRC_CONN_MODE_LEFT_CELL	NUMBER	[PMMOResult_RRC_0] M1006C43
TO3TNDPAHL26SECCB00HW01QK4	M1006C41_R	NUMBER	[PMMOResult_RRC_0] M1006C41
TO50M3TAHL26SECCB00HW01QK4	M1006C42_R	NUMBER	[PMMOResult_RRC_0] M1006C42
TO66SE2AHL26SECCB00HW01QK4	M1006C66_R	NUMBER	[PMMOResult_RRC_0] M1006C66
TOAGHWLAHL26SECCB00H	INTER_RAT_HO_FR	NUMBER	[PMMOResult_RRC_0]

W01QK4	OM_UTRAN		M1006C61
TOBMW3TAHL26SECCB00H W01QK4	INTER_RAT_HO_FROM_UTRAN_FAIL	NUMBER	[PMMOResult_RRC_0] M1006C62
TOCTAKHAHL26SECCB00H W01QK4	HO_FROM_UTRAN_COM	NUMBER	[PMMOResult_RRC_0] M1006C63
TOE0DYDAHL26SECCB00H W01QK4	HO_FROM_UTRAN_COM_FAIL	NUMBER	[PMMOResult_RRC_0] M1006C64
TOF5YJXAHL26SECCB00H W01QK4	RRC_HO_TO_UTRAN_COMP	NUMBER	[PMMOResult_RRC_0] M1006C65

7.36.39NOK_NKRN_ACRRCSTCADETCH_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
BSC_ID		VARCHAR2(50)	[PMMOResult_Service_Level_0] RNC
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
TQ501UTAHL26SECCB00H W01QK4	DETACH_ATTEMPTS	NUMBER	[PMMOResult_Service_Level_0] M1001C48
TQ63TP6AHL26SECCB00H W01QK4	DETACH_FAILURES	NUMBER	[PMMOResult_Service_Level_0] M1001C49

7.36.40NOK_NKRN_ACRRCSTCAEMERG_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
BSC_ID		VARCHAR2(50)	[PMMOResult_Service_Level_0] RNC
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
TQACFQTAHL26SECCB00H W01QK4	EMERGENCY_CALL_ATTEMPTS	NUMBER	[PMMOResult_Service_Level_0] M1001C40

This edition applies to IBM® Tivoli® Netcool® Performance Manager for Wireless and to all subsequent releases and modifications until otherwise indicated in new editions.

TQBHEDXAHL26SECCB00HW01QK4	EMERGENCY_CALL_FAILURES	NUMBER	[PMMOResult_Service_Level_0] M1001C41

7.36.41NOK_NKRN_ACRRCSTCAHISIG_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
BSC_ID		VARCHAR2(50)	[PMMOResult_Service_Level_0] RNC
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
TQCKGHHAHL26SECCB00HW01QK4	M1001C50_R	NUMBER	[PMMOResult_Service_Level_0] M1001C50
TQDQLGPAHL26SECCB00HW01QK4	M1001C51_R	NUMBER	[PMMOResult_Service_Level_0] M1001C51
TQEW5WLAHL26SECCB00HW01QK4	M1001C52_R	NUMBER	[PMMOResult_Service_Level_0] M1001C52
TQG2A36AHL26SECCB00HW01QK4	M1001C53_R	NUMBER	[PMMOResult_Service_Level_0] M1001C53

7.36.42NOK_NKRN_ACRRCSTCAIRAT_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
BSC_ID		VARCHAR2(50)	[PMMOResult_Service_Level_0] RNC
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
TQHA5YPAHL26SECCB00HW01QK4	M1001C42_R	NUMBER	[PMMOResult_Service_Level_0] M1001C42
TQICXOXAHL26SECCB00HW01QK4	M1001C43_R	NUMBER	[PMMOResult_Service_Level_0] M1001C43
TQJFFUXAHL26SECCB00HW01QK4	M1001C44_R	NUMBER	[PMMOResult_Service_Level_0] M1001C44
TQKHM12AHL26SECCB00HW01QK4	M1001C45_R	NUMBER	[PMMOResult_Service_Level_0] M1001C45

7.36.43NOK_NKRN_ACRRCSTCAIREG_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
BSC_ID		VARCHAR2(50)	[PMMOResult_Service_Level_0] RNC
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
TQLKN0DAHL26SECCB00HW01QK4	REGISTRATION_ATTEMPTS	NUMBER	[PMMOResult_Service_Level_0] M1001C46
TQMQRRPAHL26SECCB00HW01QK4	REGISTRATION_FAILURES	NUMBER	[PMMOResult_Service_Level_0] M1001C47

7.36.44NOK_NKRN_ACRRCSTCALOSIG_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
BSC_ID		VARCHAR2(50)	[PMMOResult_Service_Level_0] RNC
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
TQNWSHHAHL26SECCB00HW01QK4	M1001C54_R	NUMBER	[PMMOResult_Service_Level_0] M1001C54
TQP24XDAHL26SECCB00HW01QK4	M1001C55_R	NUMBER	[PMMOResult_Service_Level_0] M1001C55
TQQ42THAHL26SECCB00HW01QK4	M1001C56_R	NUMBER	[PMMOResult_Service_Level_0] M1001C56
TQREUDHAHL26SECCB00HW01QK4	M1001C57_R	NUMBER	[PMMOResult_Service_Level_0] M1001C57

7.36.45NOK_NKRN_ACRRCSTCAMORI_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
BSC_ID		VARCHA	[PMMOResult_Service_Level

		R2(50)	_0] RNC
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
TQSR2XHAHL26SECCB00HW01QK4	M1001C22_R	NUMBER	[PMMOResult_Service_Level_0] M1001C22
TQTXD16AHL26SECCB00HW01QK4	M1001C23_R	NUMBER	[PMMOResult_Service_Level_0] M1001C23
TQV212PAHL26SECCB00HW01QK4	M1001C24_R	NUMBER	[PMMOResult_Service_Level_0] M1001C24
TQWBHFTAHL26SECCB00HW01QK4	M1001C25_R	NUMBER	[PMMOResult_Service_Level_0] M1001C25
TQXPN16AHL26SECCB00HW01QK4	M1001C26_R	NUMBER	[PMMOResult_Service_Level_0] M1001C26
TQYVYH2AHL26SECCB00HW01QK4	M1001C27_R	NUMBER	[PMMOResult_Service_Level_0] M1001C27
TR12L4XAHL26SECCB00HW01QK4	M1001C28_R	NUMBER	[PMMOResult_Service_Level_0] M1001C28
TR2AQ1DAHL26SECCB00HW01QK4	M1001C29_R	NUMBER	[PMMOResult_Service_Level_0] M1001C29
TR3GG3PAHL26SECCB00HW01QK4	M1001C30_R	NUMBER	[PMMOResult_Service_Level_0] M1001C30
TR4NTOPAHL26SECCB00HW01QK4	M1001C31_R	NUMBER	[PMMOResult_Service_Level_0] M1001C31

7.36.46NOK_NKRN_ACRRCSTCAMTERM_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
BSC_ID		VARCHAR2(50)	[PMMOResult_Service_Level_0] RNC
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
TR5U55TAHL26SECCB00HW01QK4	M1001C32_R	NUMBER	[PMMOResult_Service_Level_0] M1001C32
TRA0G2HAHL26SECCB00HW01QK4	M1001C33_R	NUMBER	[PMMOResult_Service_Level_0] M1001C33

TRBALHLAHL26SECCB00HW01QK4	M1001C34_R	NUMBER	[PMMOResult_Service_Level_0] M1001C34
TRCH1GTAHL26SECCB00HW01QK4	M1001C35_R	NUMBER	[PMMOResult_Service_Level_0] M1001C35
TRDMWC6AHL26SECCB00HW01QK4	M1001C36_R	NUMBER	[PMMOResult_Service_Level_0] M1001C36
TRETLSTAHL26SECCB00HW01QK4	M1001C37_R	NUMBER	[PMMOResult_Service_Level_0] M1001C37
TRG0DAXAHL26SECCB00HW01QK4	M1001C38_R	NUMBER	[PMMOResult_Service_Level_0] M1001C38
TRH21KHAHL26SECCB00HW01QK4	M1001C39_R	NUMBER	[PMMOResult_Service_Level_0] M1001C39

7.36.47NOK_NKRN_ACRRCSTCAREEST_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
BSC_ID		VARCHAR2(50)	[PMMOResult_Service_Level_0] RNC
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
TQ2QMQTAHL26SECCB00HW01QK4	CALL_RE_ESTAB_ATTEMPTS	NUMBER	[PMMOResult_Service_Level_0] M1001C58
TQ3VR0TAHL26SECCB00HW01QK4	CALL_RE_ESTAB_FAILURES	NUMBER	[PMMOResult_Service_Level_0] M1001C59

7.36.48NOK_NKRN_ACRRCSTCAUKNWN_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
BSC_ID		VARCHAR2(50)	[PMMOResult_Service_Level_0] RNC
TSTAMP		DATE	

This edition applies to IBM® Tivoli® Netcool® Performance Manager for Wireless and to all subsequent releases and modifications until otherwise indicated in new editions.

INSTANCE_ID		NUMBER	
TRIC14LAHL26SECCB00HW01QK4	M1001C60_R	NUMBER	[PMMOResult_Service_Level_0] M1001C60
TRJHW3PAHL26SECCB00HW01QK4	M1001C61_R	NUMBER	[PMMOResult_Service_Level_0] M1001C61

7.36.49NOK_NKRN_ACSIGRRCCNSTAT_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
BSC_ID		VARCHAR2(50)	[PMMOResult_RRC_0] RNC
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
XDI26J2AFQ2AHDVUJ02UAUIBEV	M1006C102	NUMBER	[PMMOResult_RRC_0] M1006C102
XDI26J4AFQ2AHDVUJ02UAUIBEV	M1006C103	NUMBER	[PMMOResult_RRC_0] M1006C103
XDI26J6AFQ2AHDVUJ02UAUIBEV	M1006C104	NUMBER	[PMMOResult_RRC_0] M1006C104
XDI26JBAFQ2AHDVUJ02UAUIBEV	M1006C105	NUMBER	[PMMOResult_RRC_0] M1006C105
TSLJ5PDAHL26SECCB00HW01QK4	RRC_CONN_REQ_FAIL	NUMBER	[PMMOResult_RRC_0] M1006C20
TSMOWLTAHL26SECCB00HW01QK4	RRC_CONN_REJECT	NUMBER	[PMMOResult_RRC_0] M1006C21
TSNVCR2AHL26SECCB00HW01QK4	RRC_CONN_SETUP	NUMBER	[PMMOResult_RRC_0] M1006C22
TSPHGQLAHL26SECCB00HW01QK4	RRC_CONN_SETUP_COMPL_RECEIVED	NUMBER	[PMMOResult_RRC_0] M1006C23
TSQM2EDAHL26SECCB00HW01QK4	RRC_CONN_REL	NUMBER	[PMMOResult_RRC_0] M1006C24
TSRTW5PAHL26SECCB00HW01QK4	M1006C51_R	NUMBER	[PMMOResult_RRC_0] M1006C51
TST362PAHL26SECCB00HW01QK4	M1006C52_R	NUMBER	[PMMOResult_RRC_0] M1006C52

TSUH2NLAHL26SECCB00HW01QK4	M1006C53_R	NUMBER	[PMMOResult_RRC_0] M1006C53
TSVOA3XAHL26SECCB00HW01QK4	RRC_CONN_RELEASE_ON_CCCH	NUMBER	[PMMOResult_RRC_0] M1006C109
TSWUGFHAHL26SECCB00HW01QK4	M1006C111_R	NUMBER	[PMMOResult_RRC_0] M1006C111
TSY1EJDAHL26SECCB00HW01QK4	M1006C112_R	NUMBER	[PMMOResult_RRC_0] M1006C112
TT05YOPAHL26SECCB00HW01QK4	M1006C69_R	NUMBER	[PMMOResult_RRC_0] M1006C69
TT1ESADAHL26SECCB00HW01QK4	M1006C70_R	NUMBER	[PMMOResult_RRC_0] M1006C70

7.36.50NOK_NKRN_ACSIGRRCCNSTRQ_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
BSC_ID		VARCHAR2(50)	[PMMOResult_RRC_0] RNC
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
XDI26IXAFQ2AHDVUJ02UAUIBEV	M1006C100	NUMBER	[PMMOResult_RRC_0] M1006C100
XDI26J0AFQ2AHDVUJ02UAUIBEV	M1006C101	NUMBER	[PMMOResult_RRC_0] M1006C101
UAQAD2J1IM2AHSXR0035XKCUAI	M1006C118	NUMBER	[PMMOResult_RRC_0] M1006C118
UAQAD2L1IM2AHSXR0035XKCUAI	M1006C119	NUMBER	[PMMOResult_RRC_0] M1006C119
UAQAD2N1IM2AHSXR0035XKCUAI	M1006C120	NUMBER	[PMMOResult_RRC_0] M1006C120
TRTT4OXAHL26SECCB00H	M1006C0_R	NUMBER	[PMMOResult_RRC_0]

This edition applies to IBM® Tivoli® Netcool® Performance Manager for Wireless and to all subsequent releases and modifications until otherwise indicated in new editions.

W01QK4			M1006C0
TRV1JGTAHL26SECCB00HW01QK4	M1006C1_R	NUMBER	[PMMOResult_RRC_0] M1006C1
TRWBQPLAHL26SECCB00HW01QK4	M1006C2_R	NUMBER	[PMMOResult_RRC_0] M1006C2
TRXIVGHAHL26SECCB00HW01QK4	M1006C3_R	NUMBER	[PMMOResult_RRC_0] M1006C3
TRYOLS6AHL26SECCB00HW01QK4	M1006C4_R	NUMBER	[PMMOResult_RRC_0] M1006C4
TS0SJFPAHL26SECCB00HW01QK4	M1006C5_R	NUMBER	[PMMOResult_RRC_0] M1006C5
TS1VLV2AHL26SECCB00HW01QK4	M1006C6_R	NUMBER	[PMMOResult_RRC_0] M1006C6
TS2YNOLAHL26SECCB00HW01QK4	M1006C7_R	NUMBER	[PMMOResult_RRC_0] M1006C7
TS42LJTAHL26SECCB00HW01QK4	RRC_CONN_REQ_FOR_EMERG_CALL	NUMBER	[PMMOResult_RRC_0] M1006C8
TS55LJ6AHL26SECCB00HW01QK4	M1006C9_R	NUMBER	[PMMOResult_RRC_0] M1006C9
TS6FOYPAHL26SECCB00HW01QK4	M1006C10_R	NUMBER	[PMMOResult_RRC_0] M1006C10
TSAMFJTAHL26SECCB00HW01QK4	RRC_CONN_REQ_FOR_REGISTRATION	NUMBER	[PMMOResult_RRC_0] M1006C11
TSBSGOLAHL26SECCB00HW01QK4	RRC_CONN_REQ_FOR_DETACH	NUMBER	[PMMOResult_RRC_0] M1006C12
TSCW2LXAHL26SECCB00HW01QK4	M1006C13_R	NUMBER	[PMMOResult_RRC_0] M1006C13
TSE45BTAHL26SECCB00HW01QK4	M1006C14_R	NUMBER	[PMMOResult_RRC_0] M1006C14
TSFE23TAHL26SECCB00HW01QK4	M1006C15_R	NUMBER	[PMMOResult_RRC_0] M1006C15
TSGMUDPAHL26SECCB00HW01QK4	M1006C16_R	NUMBER	[PMMOResult_RRC_0] M1006C16
TSHUUNPAHL26SECCB00HW01QK4	M1006C17_R	NUMBER	[PMMOResult_RRC_0] M1006C17

TSJ3AOXAHL26SECCB00HW01QK4	M1006C18_R	NUMBER	[PMMOResult_RRC_0] M1006C18
TSKD6EPAHL26SECCB00HW01QK4	RRC_CONN_REQ_FOR_CALL_RE_ESTAB	NUMBER	[PMMOResult_RRC_0] M1006C19

7.36.51NOK_NKRN_ACSIGRRCMESRPT_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
BSC_ID		VARCHAR2(50)	[PMMOResult_RRC_0] RNC
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
TT2JXY6AHL26SECCB00HW01QK4	CAP_REQ_UL	NUMBER	[PMMOResult_RRC_0] M1006C44
TT3OD6XAHL26SECCB00HW01QK4	M1006C85_R	NUMBER	[PMMOResult_RRC_0] M1006C85

7.36.52NOK_NKRN_ACSIGRRCSPRTST_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
BSC_ID		VARCHAR2(50)	[PMMOResult_RRC_0] RNC
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
UAQAD2F1IM2AHSXR0035XKCUAI	M1006C116	NUMBER	[PMMOResult_RRC_0] M1006C116
UAQAD2H1IM2AHSXR0035XKCUAI	M1006C117	NUMBER	[PMMOResult_RRC_0] M1006C117
UAQAD341IM2AHSXR0035XKCUAI	M1006C127	NUMBER	[PMMOResult_RRC_0] M1006C127
W2CVNN2DNQ2AICSDB02U	M1006C151	NUMBER	[PMMOResult_RRC_0]

This edition applies to IBM® Tivoli® Netcool® Performance Manager for Wireless and to all subsequent releases and modifications until otherwise indicated in new editions.

AXYBDK			M1006C151
W2CVNN4DNQ2AICSDB02U AXYBDK	M1006C152	NUMBER	[PMMOResult_RRC_0] M1006C152
W2CVNN6DNQ2AICSDB02U AXYBDK	M1006C153	NUMBER	[PMMOResult_RRC_0] M1006C153
W2CVNNBDNQ2AICSDB02U AXYBDK	M1006C154	NUMBER	[PMMOResult_RRC_0] M1006C154
W2CVNNDDNQ2AICSDB02U AXYBDK	M1006C155	NUMBER	[PMMOResult_RRC_0] M1006C155
W2CVNNFDNQ2AICSDB02U AXYBDK	M1006C156	NUMBER	[PMMOResult_RRC_0] M1006C156
W2CVNNHDNQ2AICSDB02U AXYBDK	M1006C157	NUMBER	[PMMOResult_RRC_0] M1006C157
W2CVNNJDNQ2AICSDB02U AXYBDK	M1006C158	NUMBER	[PMMOResult_RRC_0] M1006C158
W2CVNNLDNQ2AICSDB02U AXYBDK	M1006C159	NUMBER	[PMMOResult_RRC_0] M1006C159
W2CVNNNDNQ2AICSDB02U AXYBDK	M1006C160	NUMBER	[PMMOResult_RRC_0] M1006C160
W2CVNNPDNQ2AICSDB02U AXYBDK	M1006C161	NUMBER	[PMMOResult_RRC_0] M1006C161
W2CVNNRDNQ2AICSDB02U AXYBDK	M1006C162	NUMBER	[PMMOResult_RRC_0] M1006C162
W2CVNNTDNQ2AICSDB02U AXYBDK	M1006C163	NUMBER	[PMMOResult_RRC_0] M1006C163
W2CVNNVDNQ2AICSDB02U AXYBDK	M1006C164	NUMBER	[PMMOResult_RRC_0] M1006C164
W2CVNNXDNQ2AICSDB02U AXYBDK	M1006C165	NUMBER	[PMMOResult_RRC_0] M1006C165
W2CVNO0DNQ2AICSDB02U AXYBDK	M1006C166	NUMBER	[PMMOResult_RRC_0] M1006C166
W2CVNO2DNQ2AICSDB02U AXYBDK	M1006C167	NUMBER	[PMMOResult_RRC_0] M1006C167
W2CVNO4DNQ2AICSDB02U AXYBDK	M1006C168	NUMBER	[PMMOResult_RRC_0] M1006C168

W2CVNO6DNQ2AICSDB02U AXYBDK	M1006C169	NUMBER	[PMMOResult_RRC_0] M1006C169
W2CVNOBDNQ2AICSDB02U AXYBDK	M1006C170	NUMBER	[PMMOResult_RRC_0] M1006C170
W2CVNODDNQ2AICSDB02U AXYBDK	M1006C171	NUMBER	[PMMOResult_RRC_0] M1006C171
W2CVNOFDNQ2AICSDB02U AXYBDK	M1006C172	NUMBER	[PMMOResult_RRC_0] M1006C172
W2CVNOHDNQ2AICSDB02U AXYBDK	M1006C173	NUMBER	[PMMOResult_RRC_0] M1006C173
W2CVNOJDNQ2AICSDB02U AXYBDK	M1006C174	NUMBER	[PMMOResult_RRC_0] M1006C174
W2CVNOLDNQ2AICSDB02U AXYBDK	M1006C175	NUMBER	[PMMOResult_RRC_0] M1006C175
W2CVNONDNQ2AICSDB02U AXYBDK	M1006C176	NUMBER	[PMMOResult_RRC_0] M1006C176
W2CVNOPDNQ2AICSDB02U AXYBDK	M1006C177	NUMBER	[PMMOResult_RRC_0] M1006C177
W2CVNORDNQ2AICSDB02U AXYBDK	M1006C178	NUMBER	[PMMOResult_RRC_0] M1006C178
W2CVNPRDNQ2AICSDB02U AXYBDK	M1006C194	NUMBER	[PMMOResult_RRC_0] M1006C194
W2CVNPTDNQ2AICSDB02U AXYBDK	M1006C195	NUMBER	[PMMOResult_RRC_0] M1006C195
W2CVNPVDNQ2AICSDB02U AXYBDK	M1006C196	NUMBER	[PMMOResult_RRC_0] M1006C196
W2CVNPXDNQ2AICSDB02U AXYBDK	M1006C197	NUMBER	[PMMOResult_RRC_0] M1006C197
W2CVNQ0DNQ2AICSDB02U AXYBDK	M1006C198	NUMBER	[PMMOResult_RRC_0] M1006C198
W2CVNQ2DNQ2AICSDB02U	M1006C199	NUMBER	[PMMOResult_RRC_0]

This edition applies to IBM® Tivoli® Netcool® Performance Manager for Wireless and to all subsequent releases and modifications until otherwise indicated in new editions.

AXYBDK			M1006C199
TT4U6M6AHL26SECCB00HW01QK4	CELL_DCH_STATE_TO_CELL_FACH	NUMBER	[PMMOResult_RRC_0] M1006C45
TT61FQDAHL26SECCB00HW01QK4	CELL_FACH_STATE_TO_CELL_DCH	NUMBER	[PMMOResult_RRC_0] M1006C46
TTAAB5LAHL26SECCB00HW01QK4	M1006C47_R	NUMBER	[PMMOResult_RRC_0] M1006C47
TTBGF66AHL26SECCB00HW01QK4	M1006C48_R	NUMBER	[PMMOResult_RRC_0] M1006C48
TTCLPTXAHL26SECCB00HW01QK4	CELL_FACH_STATE_TO_URA_PCH	NUMBER	[PMMOResult_RRC_0] M1006C49
TTDQO6LAHL26SECCB00HW01QK4	MEA_CAP_REQ_FOR_DL	NUMBER	[PMMOResult_RRC_0] M1006C50
TTEUDUPAHL26SECCB00HW01QK4	M1006C113_R	NUMBER	[PMMOResult_RRC_0] M1006C113
TTFX5LXAHL26SECCB00HW01QK4	CELL_DCH_STATE_TO_CELL_PCH	NUMBER	[PMMOResult_RRC_0] M1006C114
TTH1RSXAHL26SECCB00HW01QK4	HSDSCH_STATE_TO_CELL_PCH	NUMBER	[PMMOResult_RRC_0] M1006C115
TTIBP3XAHL26SECCB00HW01QK4	M1006C71_R	NUMBER	[PMMOResult_RRC_0] M1006C71
TTJHSM2AHL26SECCB00HW01QK4	M1006C86_R	NUMBER	[PMMOResult_RRC_0] M1006C86
TTKO2P6AHL26SECCB00HW01QK4	M1006C87_R	NUMBER	[PMMOResult_RRC_0] M1006C87
TTLVDGXAHL26SECCB00HW01QK4	M1006C88_R	NUMBER	[PMMOResult_RRC_0] M1006C88
TTN2AE2AHL26SECCB00HW01QK4	NUM_OF_UE_MEASURED_IN_CELL_DCH	NUMBER	[PMMOResult_RRC_0] M1006C89
TTOBN4XAHL26SECCB00HW01QK4	M1006C90_R	NUMBER	[PMMOResult_RRC_0] M1006C90
TTPIIBDAHL26SECCB00HW01QK4	M1006C91_R	NUMBER	[PMMOResult_RRC_0] M1006C91
TTQPEIXAHL26SECCB00HW	M1006C92_R	NUMBER	[PMMOResult_RRC_0]

01QK4			M1006C92
TTRWYTTAHL26SECCB00HW01QK4	M1006C93_R	NUMBER	[PMMOResult_RRC_0] M1006C93
TTT4NSDAHL26SECCB00HW01QK4	M1006C94_R	NUMBER	[PMMOResult_RRC_0] M1006C94
TTUBA12AHL26SECCB00HW01QK4	NUM_OF_UE_MEASURED_IN_CELL_PCH	NUMBER	[PMMOResult_RRC_0] M1006C95

7.36.53NOK_NKRN_CWRELSRC_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
BSC_ID		VARCHAR2(50)	[PMMOResult_Relocation_ISHO] RNC
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
UGPUHGB1IM2AHSXR0035XKCUAI	M1009C235	NUMBER	[PMMOResult_Relocation_ISHO] M1009C235
UGPUHGD1IM2AHSXR0035XKCUAI	M1009C236	NUMBER	[PMMOResult_Relocation_ISHO] M1009C236
UGPUHGF1IM2AHSXR0035XKCUAI	M1009C237	NUMBER	[PMMOResult_Relocation_ISHO] M1009C237
UGPUHGH1IM2AHSXR0035XKCUAI	M1009C238	NUMBER	[PMMOResult_Relocation_ISHO] M1009C238
UGPUHGJ1IM2AHSXR0035XKCUAI	M1009C239	NUMBER	[PMMOResult_Relocation_ISHO] M1009C239
UGPUHGL1IM2AHSXR0035XKCUAI	M1009C240	NUMBER	[PMMOResult_Relocation_ISHO] M1009C240
UGPUHGN1IM2AHSXR0035XKCUAI	M1009C241	NUMBER	[PMMOResult_Relocation_ISHO] M1009C241
UGPUHGP1IM2AHSXR0035	M1009C242	NUMBER	[PMMOResult_Relocation_IS

XKCUAI			HO] M1009C242
UGPUHGR1IM2AHSXR0035XKCUAI	M1009C251	NUMBER	[PMMOResult_Relocation_ISHO] M1009C251
UGPUHGT1IM2AHSXR0035XKCUAI	M1009C252	NUMBER	[PMMOResult_Relocation_ISHO] M1009C252
UGPUHGV1IM2AHSXR0035XKCUAI	M1009C253	NUMBER	[PMMOResult_Relocation_ISHO] M1009C253
UGPUHGX1IM2AHSXR0035XKCUAI	M1009C254	NUMBER	[PMMOResult_Relocation_ISHO] M1009C254
UGPUHH01IM2AHSXR0035XKCUAI	M1009C255	NUMBER	[PMMOResult_Relocation_ISHO] M1009C255
UGPUHH21IM2AHSXR0035XKCUAI	M1009C256	NUMBER	[PMMOResult_Relocation_ISHO] M1009C256
UGPUHH41IM2AHSXR0035XKCUAI	M1009C257	NUMBER	[PMMOResult_Relocation_ISHO] M1009C257
UGPUHH61IM2AHSXR0035XKCUAI	M1009C258	NUMBER	[PMMOResult_Relocation_ISHO] M1009C258

7.36.54NOK_NKRN_CWRELTGT_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
BSC_ID		VARCHAR2(50)	[PMMOResult_Relocation_ISHO] RNC
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
UGPUHHB1IM2AHSXR0035XKCUAI	M1009C243	NUMBER	[PMMOResult_Relocation_ISHO] M1009C243
UGPUHHD1IM2AHSXR0035XKCUAI	M1009C244	NUMBER	[PMMOResult_Relocation_ISHO] M1009C244
UGPUHHF1IM2AHSXR0035XKCUAI	M1009C245	NUMBER	[PMMOResult_Relocation_ISHO] M1009C245
UGPUHHH1IM2AHSXR0035XKCUAI	M1009C246	NUMBER	[PMMOResult_Relocation_ISHO] M1009C246
UGPUHHJ1IM2AHSXR0035XKCUAI	M1009C247	NUMBER	[PMMOResult_Relocation_ISHO] M1009C247

UGPUHHL1IM2AHSXR003 5XKCUAI	M1009C248	NUMBER	[PMMOResult_Relocation_IS HO] M1009C248
UGPUHHN1IM2AHSXR003 5XKCUAI	M1009C249	NUMBER	[PMMOResult_Relocation_IS HO] M1009C249
UGPUHHP1IM2AHSXR0035 XKCUAI	M1009C250	NUMBER	[PMMOResult_Relocation_IS HO] M1009C250
UGPUHHR1IM2AHSXR003 5XKCUAI	M1009C259	NUMBER	[PMMOResult_Relocation_IS HO] M1009C259

7.36.55NOK_NKRN_INCIRELOCCCL_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
BSC_ID		VARCHA R2(50)	[PMMOResult_Relocation_IS HO] RNC
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
UGPUHKD1IM2AHSXR003 5XKCUAI	M1009C166	NUMBER	[PMMOResult_Relocation_IS HO] M1009C166
UGPUHKF1IM2AHSXR0035 XKCUAI	M1009C167	NUMBER	[PMMOResult_Relocation_IS HO] M1009C167
UGPUHKH1IM2AHSXR003 5XKCUAI	M1009C168	NUMBER	[PMMOResult_Relocation_IS HO] M1009C168
UGPUHKJ1IM2AHSXR0035 XKCUAI	M1009C169	NUMBER	[PMMOResult_Relocation_IS HO] M1009C169
UGPUHKL1IM2AHSXR003 5XKCUAI	M1009C170	NUMBER	[PMMOResult_Relocation_IS HO] M1009C170
UGPUHKN1IM2AHSXR003 5XKCUAI	M1009C171	NUMBER	[PMMOResult_Relocation_IS HO] M1009C171
UGPUHKP1IM2AHSXR0035 XKCUAI	M1009C172	NUMBER	[PMMOResult_Relocation_IS HO] M1009C172
UGPUHKR1IM2AHSXR003	M1009C173	NUMBER	[PMMOResult_Relocation_IS

This edition applies to IBM® Tivoli® Netcool® Performance Manager for Wireless and to all subsequent releases and modifications until otherwise indicated in new editions.

5XKCUAI			HO] M1009C173
UGPUHKT1IM2AHSXR0035XKCUAI	M1009C174	NUMBER	[PMMOResult_Relocation_ISHO] M1009C174
UGPUHKV1IM2AHSXR0035XKCUAI	M1009C175	NUMBER	[PMMOResult_Relocation_ISHO] M1009C175
UGPUHKX1IM2AHSXR0035XKCUAI	M1009C176	NUMBER	[PMMOResult_Relocation_ISHO] M1009C176
UGPUHL01IM2AHSXR0035XKCUAI	M1009C177	NUMBER	[PMMOResult_Relocation_ISHO] M1009C177
UGPUHL21IM2AHSXR0035XKCUAI	M1009C178	NUMBER	[PMMOResult_Relocation_ISHO] M1009C178
UGPUHL41IM2AHSXR0035XKCUAI	M1009C179	NUMBER	[PMMOResult_Relocation_ISHO] M1009C179
UGPUHL61IM2AHSXR0035XKCUAI	M1009C180	NUMBER	[PMMOResult_Relocation_ISHO] M1009C180
UGPUHLB1IM2AHSXR0035XKCUAI	M1009C181	NUMBER	[PMMOResult_Relocation_ISHO] M1009C181
UGPUHLD1IM2AHSXR0035XKCUAI	M1009C182	NUMBER	[PMMOResult_Relocation_ISHO] M1009C182
UGPUHLF1IM2AHSXR0035XKCUAI	M1009C183	NUMBER	[PMMOResult_Relocation_ISHO] M1009C183
UGPUHLH1IM2AHSXR0035XKCUAI	M1009C184	NUMBER	[PMMOResult_Relocation_ISHO] M1009C184
UGPUHLJ1IM2AHSXR0035XKCUAI	M1009C185	NUMBER	[PMMOResult_Relocation_ISHO] M1009C185
UGPUHLL1IM2AHSXR0035XKCUAI	M1009C186	NUMBER	[PMMOResult_Relocation_ISHO] M1009C186
UGPUHLN1IM2AHSXR0035XKCUAI	M1009C187	NUMBER	[PMMOResult_Relocation_ISHO] M1009C187
UGPUHLP1IM2AHSXR0035XKCUAI	M1009C188	NUMBER	[PMMOResult_Relocation_ISHO] M1009C188
UGPUHLR1IM2AHSXR0035XKCUAI	M1009C189	NUMBER	[PMMOResult_Relocation_ISHO] M1009C189

7.36.56NOK_NKRN_INCIRELOCCMS_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
BSC_ID		VARCHAR2(50)	[PMMOResult_Relocation_ISHO] RNC
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
UGPUHLT1IM2AHSXR0035XKCUAI	M1009C190	NUMBER	[PMMOResult_Relocation_ISHO] M1009C190
UGPUHLV1IM2AHSXR0035XKCUAI	M1009C191	NUMBER	[PMMOResult_Relocation_ISHO] M1009C191
UGPUHLX1IM2AHSXR0035XKCUAI	M1009C192	NUMBER	[PMMOResult_Relocation_ISHO] M1009C192
UGPUHM01IM2AHSXR0035XKCUAI	M1009C193	NUMBER	[PMMOResult_Relocation_ISHO] M1009C193
UGPUHM21IM2AHSXR0035XKCUAI	M1009C194	NUMBER	[PMMOResult_Relocation_ISHO] M1009C194
UGPUHM41IM2AHSXR0035XKCUAI	M1009C195	NUMBER	[PMMOResult_Relocation_ISHO] M1009C195

7.36.57NOK_NKRN_INCIURELRQSRC_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
BSC_ID		VARCHAR2(50)	[PMMOResult_Relocation_ISHO] RNC
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
UGPUHHX1IM2AHSXR0035XKCUAI	M1009C196	NUMBER	[PMMOResult_Relocation_ISHO] M1009C196
UGPUHI01IM2AHSXR0035XKCUAI	M1009C197	NUMBER	[PMMOResult_Relocation_ISHO] M1009C197
UGPUHI21IM2AHSXR0035	M1009C198	NUMBER	[PMMOResult_Relocation_IS

XKCUAI			HO] M1009C198
UGPUHI41IM2AHSXR0035 XKCUAI	M1009C199	NUMBER	[PMMOResult_Relocation_IS HO] M1009C199
UGPUHI61IM2AHSXR0035 XKCUAI	M1009C200	NUMBER	[PMMOResult_Relocation_IS HO] M1009C200
UGPUHIB1IM2AHSXR0035 XKCUAI	M1009C201	NUMBER	[PMMOResult_Relocation_IS HO] M1009C201
UGPUHID1IM2AHSXR0035 XKCUAI	M1009C202	NUMBER	[PMMOResult_Relocation_IS HO] M1009C202
UGPUHIF1IM2AHSXR0035 XKCUAI	M1009C203	NUMBER	[PMMOResult_Relocation_IS HO] M1009C203
UGPUHIH1IM2AHSXR0035 XKCUAI	M1009C204	NUMBER	[PMMOResult_Relocation_IS HO] M1009C204
UGPUHIJ1IM2AHSXR0035 XKCUAI	M1009C205	NUMBER	[PMMOResult_Relocation_IS HO] M1009C205
UGPUHIL1IM2AHSXR0035 XKCUAI	M1009C206	NUMBER	[PMMOResult_Relocation_IS HO] M1009C206
UGPUHIN1IM2AHSXR0035 XKCUAI	M1009C207	NUMBER	[PMMOResult_Relocation_IS HO] M1009C207
UGPUHIP1IM2AHSXR0035 XKCUAI	M1009C208	NUMBER	[PMMOResult_Relocation_IS HO] M1009C208
UGPUHIR1IM2AHSXR0035 XKCUAI	M1009C209	NUMBER	[PMMOResult_Relocation_IS HO] M1009C209
UGPUHIT1IM2AHSXR0035 XKCUAI	M1009C210	NUMBER	[PMMOResult_Relocation_IS HO] M1009C210
UGPUHIV1IM2AHSXR0035 XKCUAI	M1009C211	NUMBER	[PMMOResult_Relocation_IS HO] M1009C211
UGPUHIX1IM2AHSXR0035 XKCUAI	M1009C212	NUMBER	[PMMOResult_Relocation_IS HO] M1009C212
UGPUHJ01IM2AHSXR0035 XKCUAI	M1009C213	NUMBER	[PMMOResult_Relocation_IS HO] M1009C213

7.36.58NOK_NKRN_INCIURELRQTGT_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping

BSC_ID		VARCHAR2(50)	[PMMOResult_Relocation_ISHO] RNC
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
UGPUHJ21IM2AHSXR0035XKCUAI	M1009C214	NUMBER	[PMMOResult_Relocation_ISHO] M1009C214
UGPUHJ41IM2AHSXR0035XKCUAI	M1009C215	NUMBER	[PMMOResult_Relocation_ISHO] M1009C215
UGPUHJ61IM2AHSXR0035XKCUAI	M1009C216	NUMBER	[PMMOResult_Relocation_ISHO] M1009C216
UGPUHJB1IM2AHSXR0035XKCUAI	M1009C217	NUMBER	[PMMOResult_Relocation_ISHO] M1009C217
UGPUHJD1IM2AHSXR0035XKCUAI	M1009C218	NUMBER	[PMMOResult_Relocation_ISHO] M1009C218
UGPUHJF1IM2AHSXR0035XKCUAI	M1009C219	NUMBER	[PMMOResult_Relocation_ISHO] M1009C219
UGPUHJH1IM2AHSXR0035XKCUAI	M1009C220	NUMBER	[PMMOResult_Relocation_ISHO] M1009C220
UGPUHJJ1IM2AHSXR0035XKCUAI	M1009C221	NUMBER	[PMMOResult_Relocation_ISHO] M1009C221
UGPUHJL1IM2AHSXR0035XKCUAI	M1009C222	NUMBER	[PMMOResult_Relocation_ISHO] M1009C222
UGPUHJN1IM2AHSXR0035XKCUAI	M1009C223	NUMBER	[PMMOResult_Relocation_ISHO] M1009C223
UGPUHJP1IM2AHSXR0035XKCUAI	M1009C224	NUMBER	[PMMOResult_Relocation_ISHO] M1009C224
UGPUHJR1IM2AHSXR0035XKCUAI	M1009C225	NUMBER	[PMMOResult_Relocation_ISHO] M1009C225
UGPUHJT1IM2AHSXR0035XKCUAI	M1009C226	NUMBER	[PMMOResult_Relocation_ISHO] M1009C226
UGPUHJV1IM2AHSXR0035	M1009C227	NUMBER	[PMMOResult_Relocation_ISH

This edition applies to IBM® Tivoli® Netcool® Performance Manager for Wireless and to all subsequent releases and modifications until otherwise indicated in new editions.

XKCUAI			O] M1009C227
UGPUHJX1IM2AHSXR0035XKCUAI	M1009C228	NUMBER	[PMMOResult_Relocation_ISHO] M1009C228
UGPUHK01IM2AHSXR0035XKCUAI	M1009C229	NUMBER	[PMMOResult_Relocation_ISHO] M1009C229
UGPUHK21IM2AHSXR0035XKCUAI	M1009C230	NUMBER	[PMMOResult_Relocation_ISHO] M1009C230
UGPUHK41IM2AHSXR0035XKCUAI	M1009C231	NUMBER	[PMMOResult_Relocation_ISHO] M1009C231

7.36.59NOK_NKRN_INCRELSRC_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
BSC_ID		VARCHAR2(50)	[PMMOResult_Relocation_ISHO] RNC
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
UGPUHM61IM2AHSXR0035XKCUAI	M1009C118	NUMBER	[PMMOResult_Relocation_ISHO] M1009C118
UGPUHMB1IM2AHSXR0035XKCUAI	M1009C119	NUMBER	[PMMOResult_Relocation_ISHO] M1009C119
UGPUHMD1IM2AHSXR0035XKCUAI	M1009C120	NUMBER	[PMMOResult_Relocation_ISHO] M1009C120
UGPUHMF1IM2AHSXR0035XKCUAI	M1009C121	NUMBER	[PMMOResult_Relocation_ISHO] M1009C121
UGPUHMH1IM2AHSXR0035XKCUAI	M1009C122	NUMBER	[PMMOResult_Relocation_ISHO] M1009C122
UGPUHMJ1IM2AHSXR0035XKCUAI	M1009C123	NUMBER	[PMMOResult_Relocation_ISHO] M1009C123
UGPUHML1IM2AHSXR0035XKCUAI	M1009C124	NUMBER	[PMMOResult_Relocation_ISHO] M1009C124
UGPUHMN1IM2AHSXR0035XKCUAI	M1009C125	NUMBER	[PMMOResult_Relocation_ISHO] M1009C125
UGPUHMP1IM2AHSXR0035XKCUAI	M1009C126	NUMBER	[PMMOResult_Relocation_ISHO] M1009C126

UGPUHMR1IM2AHSXR0035XKCUAI	M1009C127	NUMBER	[PMMOResult_Relocation_ISHO] M1009C127
UGPUHMT1IM2AHSXR0035XKCUAI	M1009C128	NUMBER	[PMMOResult_Relocation_ISHO] M1009C128
UGPUHMV1IM2AHSXR0035XKCUAI	M1009C129	NUMBER	[PMMOResult_Relocation_ISHO] M1009C129
UGPUHMX1IM2AHSXR0035XKCUAI	M1009C130	NUMBER	[PMMOResult_Relocation_ISHO] M1009C130
UGPUHN01IM2AHSXR0035XKCUAI	M1009C131	NUMBER	[PMMOResult_Relocation_ISHO] M1009C131
UGPUHN21IM2AHSXR0035XKCUAI	M1009C132	NUMBER	[PMMOResult_Relocation_ISHO] M1009C132
UGPUHN41IM2AHSXR0035XKCUAI	M1009C133	NUMBER	[PMMOResult_Relocation_ISHO] M1009C133
UGPUHN61IM2AHSXR0035XKCUAI	M1009C134	NUMBER	[PMMOResult_Relocation_ISHO] M1009C134
UGPUHNB1IM2AHSXR0035XKCUAI	M1009C135	NUMBER	[PMMOResult_Relocation_ISHO] M1009C135
UGPUHND1IM2AHSXR0035XKCUAI	M1009C136	NUMBER	[PMMOResult_Relocation_ISHO] M1009C136
UGPUHNF1IM2AHSXR0035XKCUAI	M1009C137	NUMBER	[PMMOResult_Relocation_ISHO] M1009C137
UGPUHNH1IM2AHSXR0035XKCUAI	M1009C138	NUMBER	[PMMOResult_Relocation_ISHO] M1009C138
UGPUHNJ1IM2AHSXR0035XKCUAI	M1009C139	NUMBER	[PMMOResult_Relocation_ISHO] M1009C139
UGPUHNL1IM2AHSXR0035XKCUAI	M1009C140	NUMBER	[PMMOResult_Relocation_ISHO] M1009C140
UGPUHNN1IM2AHSXR0035XKCUAI	M1009C141	NUMBER	[PMMOResult_Relocation_ISHO] M1009C141

This edition applies to IBM® Tivoli® Netcool® Performance Manager for Wireless and to all subsequent releases and modifications until otherwise indicated in new editions.

7.36.60NOK_NKRN_INCRELTGT_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
BSC_ID		VARCHAR2(50)	[PMMOResult_Relocation_ISHO] RNC
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
UGPUHNP1IM2AHSXR0035XKCUAI	M1009C142	NUMBER	[PMMOResult_Relocation_ISHO] M1009C142
UGPUHNR1IM2AHSXR0035XKCUAI	M1009C143	NUMBER	[PMMOResult_Relocation_ISHO] M1009C143
UGPUHNT1IM2AHSXR0035XKCUAI	M1009C144	NUMBER	[PMMOResult_Relocation_ISHO] M1009C144
UGPUHNV1IM2AHSXR0035XKCUAI	M1009C145	NUMBER	[PMMOResult_Relocation_ISHO] M1009C145
UGPUHNX1IM2AHSXR0035XKCUAI	M1009C146	NUMBER	[PMMOResult_Relocation_ISHO] M1009C146
UGPUHO01IM2AHSXR0035XKCUAI	M1009C147	NUMBER	[PMMOResult_Relocation_ISHO] M1009C147
UGPUHO21IM2AHSXR0035XKCUAI	M1009C148	NUMBER	[PMMOResult_Relocation_ISHO] M1009C148
UGPUHO41IM2AHSXR0035XKCUAI	M1009C149	NUMBER	[PMMOResult_Relocation_ISHO] M1009C149
UGPUHO61IM2AHSXR0035XKCUAI	M1009C150	NUMBER	[PMMOResult_Relocation_ISHO] M1009C150
UGPUHOB1IM2AHSXR0035XKCUAI	M1009C151	NUMBER	[PMMOResult_Relocation_ISHO] M1009C151
UGPUHOD1IM2AHSXR0035XKCUAI	M1009C152	NUMBER	[PMMOResult_Relocation_ISHO] M1009C152
UGPUHOF1IM2AHSXR0035XKCUAI	M1009C153	NUMBER	[PMMOResult_Relocation_ISHO] M1009C153
UGPUHOH1IM2AHSXR0035XKCUAI	M1009C154	NUMBER	[PMMOResult_Relocation_ISHO] M1009C154
UGPUHOJ1IM2AHSXR0035XKCUAI	M1009C155	NUMBER	[PMMOResult_Relocation_ISHO] M1009C155

UGPUHOL1IM2AHSXR003 5XKCUAI	M1009C156	NUMBER	[PMMOResult_Relocation_IS HO] M1009C156
UGPUHON1IM2AHSXR003 5XKCUAI	M1009C157	NUMBER	[PMMOResult_Relocation_IS HO] M1009C157
UGPUHOP1IM2AHSXR0035 XKCUAI	M1009C158	NUMBER	[PMMOResult_Relocation_IS HO] M1009C158
UGPUHOR1IM2AHSXR003 5XKCUAI	M1009C159	NUMBER	[PMMOResult_Relocation_IS HO] M1009C159
UGPUHOT1IM2AHSXR003 5XKCUAI	M1009C160	NUMBER	[PMMOResult_Relocation_IS HO] M1009C160
UGPUHOV1IM2AHSXR003 5XKCUAI	M1009C161	NUMBER	[PMMOResult_Relocation_IS HO] M1009C161
UGPUHOX1IM2AHSXR003 5XKCUAI	M1009C162	NUMBER	[PMMOResult_Relocation_IS HO] M1009C162
UGPUHP01IM2AHSXR0035 XKCUAI	M1009C163	NUMBER	[PMMOResult_Relocation_IS HO] M1009C163
UGPUHP21IM2AHSXR0035 XKCUAI	M1009C164	NUMBER	[PMMOResult_Relocation_IS HO] M1009C164
UGPUHP41IM2AHSXR0035 XKCUAI	M1009C165	NUMBER	[PMMOResult_Relocation_IS HO] M1009C165

7.36.61NOK_NKRNC_BH_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
BSC_ID		VARCHA R2(50)	[PMMOResult_RNC_Traffic] RNC
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
UKHMKGPAHL26SECCB00 HW01QK4	TOTAL_TRAFFIC	NUMBER	[PMMOResult_RNC_Traffic] c_ulcsamrth + c_ul_non_trans_cs_data_th + c_dl_non_trans_cs_data_th +

This edition applies to IBM® Tivoli® Netcool® Performance Manager for Wireless and to all subsequent releases and modifications until otherwise indicated in new editions.

			c_ul_cs_amr_th + c_dl_cs_amr_th + c_ul_ps_data_back_cl_th + c_dl_ps_data_back_cl_th + c_ul_ps_data_int_cl_th + c_dl_ps_data_int_cl_th + c_ul_ps_data_conv_cl_th + c_dl_ps_data_conv_cl_th + c_ul_ps_data_stream_cl_th + c_dl_ps_data_stream_cl_th + c_hsdsch_th_interac + c_hsdsch_th_back

7.36.62NOK_NKRNC_CAPUSG_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
BSC_ID		VARCHAR2(50)	[PMMOResult_RNC_Capacity_Usage] RNC
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
XW0RPTVDMM2AICSD002UAXYBDK	M802C0	NUMBER	[PMMOResult_RNC_Capacity_Usage] M802C0
XW0RPTXDMM2AICSD002UAXYBDK	M802C1	NUMBER	[PMMOResult_RNC_Capacity_Usage] M802C1
XW0RPU0DMM2AICSD002UAXYBDK	M802C2	NUMBER	[PMMOResult_RNC_Capacity_Usage] M802C2
XW0RPU2DMM2AICSD002UAXYBDK	M802C3	NUMBER	[PMMOResult_RNC_Capacity_Usage] M802C3
XW0RPU4DMM2AICSD002UAXYBDK	M802C4	NUMBER	[PMMOResult_RNC_Capacity_Usage] M802C4
XW0RPU6DMM2AICSD002UAXYBDK	M802C5	NUMBER	[PMMOResult_RNC_Capacity_Usage] M802C5
XW0RPUBDMM2AICSD002UAXYBDK	M802C6	NUMBER	[PMMOResult_RNC_Capacity_Usage] M802C6
XW0RPUDDMM2AICSD002UAXYBDK	M802C7	NUMBER	[PMMOResult_RNC_Capacity_Usage] M802C7
XW0RPUFDMM2AICSD002UAXYBDK	M802C8	NUMBER	[PMMOResult_RNC_Capacity_Usage] M802C8

XW0RPUHDMM2AICSD002UAXYBDK	M802C9	NUMBER	[PMMOResult_RNC_Capacity_Usage] M802C9
XW0RPUJDMM2AICSD002UAXYBDK	M802C10	NUMBER	[PMMOResult_RNC_Capacity_Usage] M802C10
XW0RPULDMM2AICSD002UAXYBDK	M802C11	NUMBER	[PMMOResult_RNC_Capacity_Usage] M802C11
XW0RPUNDMM2AICSD002UAXYBDK	M802C12	NUMBER	[PMMOResult_RNC_Capacity_Usage] M802C12
XW0RPUPDMM2AICSD002UAXYBDK	M802C13	NUMBER	[PMMOResult_RNC_Capacity_Usage] M802C13
XW0RPURDMM2AICSD002UAXYBDK	M802C14	NUMBER	[PMMOResult_RNC_Capacity_Usage] M802C14
XW0RPUTDMM2AICSD002UAXYBDK	M802C15	NUMBER	[PMMOResult_RNC_Capacity_Usage] M802C15
XW0RPUVDMM2AICSD002UAXYBDK	M802C16	NUMBER	[PMMOResult_RNC_Capacity_Usage] M802C16
XW0RPUXDMM2AICSD002UAXYBDK	M802C17	NUMBER	[PMMOResult_RNC_Capacity_Usage] M802C17
XW0RPV0DMM2AICSD002UAXYBDK	M802C18	NUMBER	[PMMOResult_RNC_Capacity_Usage] M802C18
XW0RPV2DMM2AICSD002UAXYBDK	M802C19	NUMBER	[PMMOResult_RNC_Capacity_Usage] M802C19
XW0RPV4DMM2AICSD002UAXYBDK	M802C20	NUMBER	[PMMOResult_RNC_Capacity_Usage] M802C20
XW0RPV6DMM2AICSD002UAXYBDK	M802C21	NUMBER	[PMMOResult_RNC_Capacity_Usage] M802C21
XW0RPVBDMM2AICSD002UAXYBDK	M802C22	NUMBER	[PMMOResult_RNC_Capacity_Usage] M802C22

7.36.63NOK_NKRNC_DSPPERF_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping

This edition applies to IBM® Tivoli® Netcool® Performance Manager for Wireless and to all subsequent releases and modifications until otherwise indicated in new editions.

BSC_ID		VARCHAR2(50)	[PMMOResult_DSP_Meas] RNC
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
TTVH4ALAHL26SECCB00HW01QK4	CC_ALLOWED_CAPACITY	FLOAT	[PMMOResult_DSP_Meas] M613C0
TTWMIMHAHL26SECCB00HW01QK4	CC_CURRENT_CALLS	NUMBER	[PMMOResult_DSP_Meas] M613C1
TTXRYULAHL26SECCB00HW01QK4	CC_PEAK_CALLS	NUMBER	[PMMOResult_DSP_Meas] M613C2
TTYXFEPAHL26SECCB00HW01QK4	CC_TOTAL_CALLS	NUMBER	[PMMOResult_DSP_Meas] M613C3
TU11IJDAHL26SECCB00HW01QK4	CC_FAILED_CALLS	NUMBER	[PMMOResult_DSP_Meas] M613C4
TU2B4TPAHL26SECCB00HW01QK4	SC_ALLOWED_CAPACITY	FLOAT	[PMMOResult_DSP_Meas] M613C5
TU3FUFDAHL26SECCB00HW01QK4	SC_CURRENT_CALLS	FLOAT	[PMMOResult_DSP_Meas] M613C6
TU4O42HAHL26SECCB00HW01QK4	SC_PEAK_CALLS	NUMBER	[PMMOResult_DSP_Meas] M613C7
TU5SKMDAHL26SECCB00HW01QK4	SC_TOTAL_CALLS	NUMBER	[PMMOResult_DSP_Meas] M613C8
TUA2AKTAHL26SECCB00HW01QK4	SC_FAILED_CALLS	NUMBER	[PMMOResult_DSP_Meas] M613C9
TUBAJB2AHL26SECCB00HW01QK4	RTD_ALLOWED_CAPACITY	FLOAT	[PMMOResult_DSP_Meas] M613C10
TUCKAY6AHL26SECCB00HW01QK4	RTD_CURRENT_CALLS	NUMBER	[PMMOResult_DSP_Meas] M613C11
TUDWUNTAHL26SECCB00HW01QK4	RTD_PEAK_CALLS	NUMBER	[PMMOResult_DSP_Meas] M613C12
TUFCIBTAHL26SECCB00HW01QK4	RTD_TOTAL_CALLS	NUMBER	[PMMOResult_DSP_Meas] M613C13
TUGLKTHAHL26SECCB00HW01QK4	RTD_FAILED_CALLS	NUMBER	[PMMOResult_DSP_Meas] M613C14
TUHPW2TAHL26SECCB00H	RTS_ALLOWED_CAP	FLOAT	[PMMOResult_DSP_Meas]

W01QK4	ACITY		M613C15
TUIX5X6AHL26SECCB00H W01QK4	RTS_CURRENT_CALLS	FLOAT	[PMMOResult_DSP_Meas] M613C16
TUK1QE2AHL26SECCB00H W01QK4	RTS_PEAK_CALLS	NUMBER	[PMMOResult_DSP_Meas] M613C17
TULDWJDAHL26SECCB00H W01QK4	RTS_TOTAL_CALLS	NUMBER	[PMMOResult_DSP_Meas] M613C18
TUML4YXAHL26SECCB00H W01QK4	RTS_FAILED_CALLS	NUMBER	[PMMOResult_DSP_Meas] M613C19
TUNWJQHAHL26SECCB00H W01QK4	NRTD_ALLOWED_CAPACITY	FLOAT	[PMMOResult_DSP_Meas] M613C20
TUP4Y6TAHL26SECCB00H W01QK4	NRTD_CURRENT_CALLS	NUMBER	[PMMOResult_DSP_Meas] M613C21
TUQFG42AHL26SECCB00H W01QK4	NRTD_PEAK_CALLS	NUMBER	[PMMOResult_DSP_Meas] M613C22
TURMXRPAHL26SECCB00H W01QK4	NRTD_TOTAL_CALLS	NUMBER	[PMMOResult_DSP_Meas] M613C23
TUSU62PAHL26SECCB00H W01QK4	NRTD_FAILED_CALLS	NUMBER	[PMMOResult_DSP_Meas] M613C24
TUU2J1PAHL26SECCB00H W01QK4	DRNC_ALLOWED_CAPACITY	FLOAT	[PMMOResult_DSP_Meas] M613C25
TUVD0MDAHL26SECCB00H W01QK4	DRNC_CURRENT_CALLS	NUMBER	[PMMOResult_DSP_Meas] M613C26
TUWLEY2AHL26SECCB00H W01QK4	DRNC_PEAK_CALLS	NUMBER	[PMMOResult_DSP_Meas] M613C27
TUXSL4TAHL26SECCB00H W01QK4	DRNC_TOTAL_CALLS	NUMBER	[PMMOResult_DSP_Meas] M613C28
TV015VXAHL26SECCB00H W01QK4	DRNC_FAILED_CALLS	NUMBER	[PMMOResult_DSP_Meas] M613C29
TV1BP0TAHL26SECCB00H W01QK4	CRCT_ALLOWED_CAPACITY	FLOAT	[PMMOResult_DSP_Meas] M613C30

This edition applies to IBM® Tivoli® Netcool® Performance Manager for Wireless and to all subsequent releases and modifications until otherwise indicated in new editions.

TV2G0WXAHL26SECCB00HW01QK4	CRCT_CURRENT_CALLS	NUMBER	[PMMOResult_DSP_Meas] M613C31
TV3JWKLAHL26SECCB00HW01QK4	CRCT_PEAK_CALLS	NUMBER	[PMMOResult_DSP_Meas] M613C32
TV4O5V6AHL26SECCB00HW01QK4	CRCT_TOTAL_CALLS	NUMBER	[PMMOResult_DSP_Meas] M613C33
TV5XF5TAHL26SECCB00HW01QK4	CRCT_FAILED_CALLS	NUMBER	[PMMOResult_DSP_Meas] M613C34
TVA5ITDAHL26SECCB00HW01QK4	AMR_ALLOWED_CAPACITY	FLOAT	[PMMOResult_DSP_Meas] M613C35
TVBGAPDAHL26SECCB00HW01QK4	AMR_CURRENT_CALLS	NUMBER	[PMMOResult_DSP_Meas] M613C36
TVCOEXLAHL26SECCB00HW01QK4	AMR_PEAK_CALLS	NUMBER	[PMMOResult_DSP_Meas] M613C37
TVDW1UHAHL26SECCB00HW01QK4	AMR_TOTAL_CALLS	NUMBER	[PMMOResult_DSP_Meas] M613C38
TVF533HAHL26SECCB00HW01QK4	AMR_FAILED_CALLS	NUMBER	[PMMOResult_DSP_Meas] M613C39
TVGFV1TAHL26SECCB00HW01QK4	RT_PS_ALLOCATED_CAPACITY	FLOAT	[PMMOResult_DSP_Meas] M613C40
TVHNBUHAHL26SECCB00HW01QK4	RT_PS_CURRENT_CALLS	NUMBER	[PMMOResult_DSP_Meas] M613C41
TVIVTJHAHL26SECCB00HW01QK4	RT_PS_PEAK_CALLS	NUMBER	[PMMOResult_DSP_Meas] M613C42
TVK4HR6AHL26SECCB00HW01QK4	RT_PS_TOTAL_CALLS	NUMBER	[PMMOResult_DSP_Meas] M613C43
TVLF5NDAHL26SECCB00HW01QK4	RT_PS_FAILED_CALLS	NUMBER	[PMMOResult_DSP_Meas] M613C44
TVMLD4LAHL26SECCB00HW01QK4	HSDPA_COMMON_ALLOC_CAPACITY	FLOAT	[PMMOResult_DSP_Meas] M613C45
TVNPWODAHL26SECCB00HW01QK4	HSDPA_COMMON_CURRENT_CALLS	NUMBER	[PMMOResult_DSP_Meas] M613C46
TVOWKCXAHL26SECCB00HW01QK4	HSDPA_COMMON_PEAK_CALLS	NUMBER	[PMMOResult_DSP_Meas] M613C47
TVQ1JADAHL26SECCB00H	HSDPA_COMMON_T	NUMBER	[PMMOResult_DSP_Meas]

W01QK4	OTAL_CALLS		M613C48
TVRCG0TAHL26SECCB00HW01QK4	HSDPA_COMMON_FAILED_CALLS	NUMBER	[PMMOResult_DSP_Meas] M613C49
TVSKDG2AHL26SECCB00HW01QK4	HSDPA_SL_ALLOCATED_CAPACITY	FLOAT	[PMMOResult_DSP_Meas] M613C50
TVTRYOXAHL26SECCB00HW01QK4	HSDPA_SL_CURRENT_CALLS	NUMBER	[PMMOResult_DSP_Meas] M613C51
TVUXM56AHL26SECCB00HW01QK4	HSDPA_SL_PEAK_CALLS	NUMBER	[PMMOResult_DSP_Meas] M613C52
TVW4G2PAHL26SECCB00HW01QK4	HSDPA_SL_TOTAL_CALLS	NUMBER	[PMMOResult_DSP_Meas] M613C53
TVXMUVLAHL26SECCB00HW01QK4	HSDPA_SL_FAILED_CALLS	NUMBER	[PMMOResult_DSP_Meas] M613C54
TVYVKFPAHL26SECCB00HW01QK4	HSDPA_NRTD_ALLOC_CAPACITY	FLOAT	[PMMOResult_DSP_Meas] M613C55
TW12K6XAHL26SECCB00HW01QK4	HSDPA_NRTD_CURRENT_CALLS	NUMBER	[PMMOResult_DSP_Meas] M613C56
TW2A44DAHL26SECCB00HW01QK4	HSDPA_NRTD_PEAK_CALLS	NUMBER	[PMMOResult_DSP_Meas] M613C57
TW3F6CTAHL26SECCB00HW01QK4	HSDPA_NRTD_TOTAL_CALLS	NUMBER	[PMMOResult_DSP_Meas] M613C58
TW4JSP6AHL26SECCB00HW01QK4	HSDPA_NRTD_FAILED_CALLS	NUMBER	[PMMOResult_DSP_Meas] M613C59

7.36.64NOK_NKRNC_DSPSERV_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
BSC_ID		VARCHAR2(50)	[PMMOResult_DSP_Service_Statistics] RNC
DSP_SERVICE_TYPE_ID		VARCHAR2(50)	[PMMOResult_DSP_Service_Statistics] SERV_TYPE

This edition applies to IBM® Tivoli® Netcool® Performance Manager for Wireless and to all subsequent releases and modifications until otherwise indicated in new editions.

TSTAMP		DATE	
INSTANCE_ID		NUMBER	
XW0RPQRDMM2AICSD002UAXYBDK	M609C0	NUMBER	[PMMOResult_DSP_Service_Statistics] M609C0
XW0RPQTDMM2AICSD002UAXYBDK	M609C1	NUMBER	[PMMOResult_DSP_Service_Statistics] M609C1
XW0RPQVDMM2AICSD002UAXYBDK	M609C2	NUMBER	[PMMOResult_DSP_Service_Statistics] M609C2
XW0RPQXDMM2AICSD002UAXYBDK	M609C3	NUMBER	[PMMOResult_DSP_Service_Statistics] M609C3
XW0RPR0DMM2AICSD002UAXYBDK	M609C4	NUMBER	[PMMOResult_DSP_Service_Statistics] M609C4

7.36.65NOK_NKRNC_ISYHHOITANRT_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
BSC_ID		VARCHAR2(50)	[PMMOResult_Intra_System_HHO_RNC] RNC
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
U1DLJSTAHL26SECCB00HW01QK4	M1008C9	NUMBER	[PMMOResult_Intra_System_HHO_RNC] M1008C9
U1ESYEPAHL26SECCB00HW01QK4	M1008C10	NUMBER	[PMMOResult_Intra_System_HHO_RNC] M1008C10
U1G24TPAHL26SECCB00HW01QK4	M1008C66	NUMBER	[PMMOResult_Intra_System_HHO_RNC] M1008C66
U1H66L2AHL26SECCB00HW01QK4	M1008C11	NUMBER	[PMMOResult_Intra_System_HHO_RNC] M1008C11
U1IDCBPAHL26SECCB00HW01QK4	M1008C12	NUMBER	[PMMOResult_Intra_System_HHO_RNC] M1008C12
U1JIIOTAHL26SECCB00HW01QK4	M1008C13	NUMBER	[PMMOResult_Intra_System_HHO_RNC] M1008C13
U1KQUYLAHL26SECCB00HW01QK4	M1008C15	NUMBER	[PMMOResult_Intra_System_HHO_RNC] M1008C15
U1LW02DAHL26SECCB00H	M1008C16	NUMBER	[PMMOResult_Intra_System_

W01QK4			HHO_RNC] M1008C16
U1N5RCDAHL26SECCB00H W01QK4	M1008C14	NUMBER	[PMMOResult_Intra_System_ HHO_RNC] M1008C14
U1OHN22AHL26SECCB00H W01QK4	M1008C17	NUMBER	[PMMOResult_Intra_System_ HHO_RNC] M1008C17

7.36.66NOK_NKRNC_ISYHHOITART_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
BSC_ID		VARCHA R2(50)	[PMMOResult_Intra_System_ HHO_RNC] RNC
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
U1PPWCPAHL26SECCB00H W01QK4	M1008C0	NUMBER	[PMMOResult_Intra_System_ HHO_RNC] M1008C0
U1QYOKXAHL26SECCB00 HW01QK4	M1008C1	NUMBER	[PMMOResult_Intra_System_ HHO_RNC] M1008C1
U1SBAVTAHL26SECCB00H W01QK4	M1008C18	NUMBER	[PMMOResult_Intra_System_ HHO_RNC] M1008C18
U1TJBCXAHL26SECCB00H W01QK4	M1008C4	NUMBER	[PMMOResult_Intra_System_ HHO_RNC] M1008C4
U1URNOLAHL26SECCB00H W01QK4	M1008C5	NUMBER	[PMMOResult_Intra_System_ HHO_RNC] M1008C5
U1VWHT6AHL26SECCB00 HW01QK4	M1008C6	NUMBER	[PMMOResult_Intra_System_ HHO_RNC] M1008C6
U1X50TPAHL26SECCB00H W01QK4	M1008C7	NUMBER	[PMMOResult_Intra_System_ HHO_RNC] M1008C7
U1YFD02AHL26SECCB00H W01QK4	M1008C8	NUMBER	[PMMOResult_Intra_System_ HHO_RNC] M1008C8
U20K43HAHL26SECCB00H W01QK4	M1008C2	NUMBER	[PMMOResult_Intra_System_ HHO_RNC] M1008C2

This edition applies to IBM® Tivoli® Netcool® Performance Manager for Wireless and to all subsequent releases and modifications until otherwise indicated in new editions.

U21O3S6AHL26SECCB00H W01QK4	M1008C3	NUMBER	[PMMOResult_Intra_System_ HHO_RNC] M1008C3

7.36.67NOK_NKRNC_ISYHHOITENRT_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
BSC_ID		VARCHA R2(50)	[PMMOResult_Intra_System_ HHO_RNC] RNC
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
TW5O1PTAHL26SECCB00H W01QK4	M1008C67	NUMBER	[PMMOResult_Intra_System_ HHO_RNC] M1008C67
TW6U1A2AHL26SECCB00H W01QK4	M1008C68	NUMBER	[PMMOResult_Intra_System_ HHO_RNC] M1008C68
TWB0KYHAHL26SECCB00H W01QK4	M1008C69	NUMBER	[PMMOResult_Intra_System_ HHO_RNC] M1008C69
TWC6NWPAHL26SECCB00 HW01QK4	M1008C70	NUMBER	[PMMOResult_Intra_System_ HHO_RNC] M1008C70
TWDEKSTAHL26SECCB00H W01QK4	M1008C71	NUMBER	[PMMOResult_Intra_System_ HHO_RNC] M1008C71
TWELJAHAHL26SECCB00H W01QK4	M1008C72	NUMBER	[PMMOResult_Intra_System_ HHO_RNC] M1008C72
TWFRQU2AHL26SECCB00H W01QK4	M1008C73	NUMBER	[PMMOResult_Intra_System_ HHO_RNC] M1008C73
TWGYCW2AHL26SECCB00 HW01QK4	M1008C74	NUMBER	[PMMOResult_Intra_System_ HHO_RNC] M1008C74
TWI62QDAHL26SECCB00H W01QK4	M1008C75	NUMBER	[PMMOResult_Intra_System_ HHO_RNC] M1008C75
TWJMNUDAHL26SECCB00 HW01QK4	M1008C76	NUMBER	[PMMOResult_Intra_System_ HHO_RNC] M1008C76
TWKU51PAHL26SECCB00H W01QK4	M1008C77	NUMBER	[PMMOResult_Intra_System_ HHO_RNC] M1008C77
TWM16A2AHL26SECCB00H W01QK4	M1008C78	NUMBER	[PMMOResult_Intra_System_ HHO_RNC] M1008C78
TWN6OATAHL26SECCB00H	M1008C79	NUMBER	[PMMOResult_Intra_System_

W01QK4			HHO_RNC] M1008C79
TWOJX2HAHL26SECCB00H W01QK4	M1008C80	NUMBER	[PMMOResult_Intra_System_ HHO_RNC] M1008C80
TWPR53PAHL26SECCB00H W01QK4	M1008C81	NUMBER	[PMMOResult_Intra_System_ HHO_RNC] M1008C81
TWQWJSLAHL26SECCB00H W01QK4	M1008C82	NUMBER	[PMMOResult_Intra_System_ HHO_RNC] M1008C82
TWS1142AHL26SECCB00H W01QK4	M1008C83	NUMBER	[PMMOResult_Intra_System_ HHO_RNC] M1008C83
TWT52V2AHL26SECCB00H W01QK4	M1008C84	NUMBER	[PMMOResult_Intra_System_ HHO_RNC] M1008C84
TWUBQDHAHL26SECCB00 HW01QK4	M1008C85	NUMBER	[PMMOResult_Intra_System_ HHO_RNC] M1008C85
TWVEJNPAHL26SECCB00H W01QK4	M1008C86	NUMBER	[PMMOResult_Intra_System_ HHO_RNC] M1008C86
TWWJD3HAHL26SECCB00H W01QK4	M1008C87	NUMBER	[PMMOResult_Intra_System_ HHO_RNC] M1008C87
TWY4N3LAHL26SECCB00H W01QK4	M1008C88	NUMBER	[PMMOResult_Intra_System_ HHO_RNC] M1008C88
TX0E1CXAHL26SECCB00H W01QK4	M1008C89	NUMBER	[PMMOResult_Intra_System_ HHO_RNC] M1008C89
TX1KFNXAHL26SECCB00H W01QK4	M1008C90	NUMBER	[PMMOResult_Intra_System_ HHO_RNC] M1008C90
TX2QPCLAHL26SECCB00H W01QK4	M1008C91	NUMBER	[PMMOResult_Intra_System_ HHO_RNC] M1008C91
TX3W2B6AHL26SECCB00H W01QK4	M1008C92	NUMBER	[PMMOResult_Intra_System_ HHO_RNC] M1008C92
TX52CVPAHL26SECCB00H W01QK4	M1008C93	NUMBER	[PMMOResult_Intra_System_ HHO_RNC] M1008C93
TX6CR56AHL26SECCB00H W01QK4	M1008C94	NUMBER	[PMMOResult_Intra_System_ HHO_RNC] M1008C94

This edition applies to IBM® Tivoli® Netcool® Performance Manager for Wireless and to all subsequent releases and modifications until otherwise indicated in new editions.

TXAL50HAHL26SECCB00HW01QK4	M1008C95	NUMBER	[PMMOResult_Intra_System_HHO_RNC] M1008C95
TXBRXNXAHL26SECCB00HW01QK4	M1008C96	NUMBER	[PMMOResult_Intra_System_HHO_RNC] M1008C96
TXD0L5LAHL26SECCB00HW01QK4	M1008C97	NUMBER	[PMMOResult_Intra_System_HHO_RNC] M1008C97
TXEBFJXAHL26SECCB00HW01QK4	M1008C98	NUMBER	[PMMOResult_Intra_System_HHO_RNC] M1008C98
TXFIOH6AHL26SECCB00HW01QK4	M1008C99	NUMBER	[PMMOResult_Intra_System_HHO_RNC] M1008C99
TXGPHMPAHL26SECCB00HW01QK4	M1008C100	NUMBER	[PMMOResult_Intra_System_HHO_RNC] M1008C100
TXHUIBHAHL26SECCB00HW01QK4	M1008C101	NUMBER	[PMMOResult_Intra_System_HHO_RNC] M1008C101
TXJ10A2AHL26SECCB00HW01QK4	M1008C102	NUMBER	[PMMOResult_Intra_System_HHO_RNC] M1008C102
TXK56WTAHL26SECCB00HW01QK4	M1008C103	NUMBER	[PMMOResult_Intra_System_HHO_RNC] M1008C103
TXLKUUHAHL26SECCB00HW01QK4	M1008C104	NUMBER	[PMMOResult_Intra_System_HHO_RNC] M1008C104
TXMROF6AHL26SECCB00HW01QK4	M1008C105	NUMBER	[PMMOResult_Intra_System_HHO_RNC] M1008C105
TXNY5TDAHL26SECCB00HW01QK4	M1008C106	NUMBER	[PMMOResult_Intra_System_HHO_RNC] M1008C106
TXP5SBPAHL26SECCB00HW01QK4	M1008C107	NUMBER	[PMMOResult_Intra_System_HHO_RNC] M1008C107
TXQF60PAHL26SECCB00HW01QK4	M1008C108	NUMBER	[PMMOResult_Intra_System_HHO_RNC] M1008C108
TXRL4FPAHL26SECCB00HW01QK4	M1008C109	NUMBER	[PMMOResult_Intra_System_HHO_RNC] M1008C109
TXSSHDHAHL26SECCB00HW01QK4	M1008C110	NUMBER	[PMMOResult_Intra_System_HHO_RNC] M1008C110
TXTYIP2AHL26SECCB00HW01QK4	M1008C111	NUMBER	[PMMOResult_Intra_System_HHO_RNC] M1008C111
TXV3KSDAHL26SECCB00H	M1008C112	NUMBER	[PMMOResult_Intra_System_

W01QK4			HHO_RNC] M1008C112
TXWBAC6AHL26SECCB00H W01QK4	M1008C113	NUMBER	[PMMOResult_Intra_System_ HHO_RNC] M1008C113
TXXIU5PAHL26SECCB00H W01QK4	M1008C122	NUMBER	[PMMOResult_Intra_System_ HHO_RNC] M1008C122
TXYM0LTAHL26SECCB00H W01QK4	M1008C123	NUMBER	[PMMOResult_Intra_System_ HHO_RNC] M1008C123
TY0OJUPAHL26SECCB00H W01QK4	M1008C124	NUMBER	[PMMOResult_Intra_System_ HHO_RNC] M1008C124
TY2TB2PAHL26SECCB00H W01QK4	M1008C125	NUMBER	[PMMOResult_Intra_System_ HHO_RNC] M1008C125
TY41PSLAHL26SECCB00H W01QK4	M1008C126	NUMBER	[PMMOResult_Intra_System_ HHO_RNC] M1008C126
TY5ARS6AHL26SECCB00H W01QK4	M1008C127	NUMBER	[PMMOResult_Intra_System_ HHO_RNC] M1008C127
TY6G4RHAHL26SECCB00H W01QK4	M1008C128	NUMBER	[PMMOResult_Intra_System_ HHO_RNC] M1008C128
XPKMEJJAFQ2AHDVUJ02U AUIBEV	M1008C134	NUMBER	[PMMOResult_Intra_System_ HHO_RNC] M1008C134
XPKMEJLAFQ2AHDVUJ02U AUIBEV	M1008C135	NUMBER	[PMMOResult_Intra_System_ HHO_RNC] M1008C135
XPKMEJNAFQ2AHDVUJ02U AUIBEV	M1008C136	NUMBER	[PMMOResult_Intra_System_ HHO_RNC] M1008C136
XPKMEJPAFQ2AHDVUJ02U AUIBEV	M1008C137	NUMBER	[PMMOResult_Intra_System_ HHO_RNC] M1008C137
XPKMEJRAFQ2AHDVUJ02U AUIBEV	M1008C138	NUMBER	[PMMOResult_Intra_System_ HHO_RNC] M1008C138
XPKMEJTAFQ2AHDVUJ02U AUIBEV	M1008C139	NUMBER	[PMMOResult_Intra_System_ HHO_RNC] M1008C139
XPKMEJVAFQ2AHDVUJ02U AUIBEV	M1008C140	NUMBER	[PMMOResult_Intra_System_ HHO_RNC] M1008C140

This edition applies to IBM® Tivoli® Netcool® Performance Manager for Wireless and to all subsequent releases and modifications until otherwise indicated in new editions.

XPKMEKBAFQ2AHDVUJ02UAUIBEV	M1008C146	NUMBER	[PMMOResult_Intra_System_HHO_RNC] M1008C146
XPKMEKDAFQ2AHDVUJ02UAUIBEV	M1008C147	NUMBER	[PMMOResult_Intra_System_HHO_RNC] M1008C147
XPKMEKFAFQ2AHDVUJ02UAUIBEV	M1008C148	NUMBER	[PMMOResult_Intra_System_HHO_RNC] M1008C148
XPKMEKHAFQ2AHDVUJ02UAUIBEV	M1008C149	NUMBER	[PMMOResult_Intra_System_HHO_RNC] M1008C149
XPKMEKJAFQ2AHDVUJ02UAUIBEV	M1008C150	NUMBER	[PMMOResult_Intra_System_HHO_RNC] M1008C150
XPKMEKLAFQ2AHDVUJ02UAUIBEV	M1008C151	NUMBER	[PMMOResult_Intra_System_HHO_RNC] M1008C151
XPKMEKNAFQ2AHDVUJ02UAUIBEV	M1008C152	NUMBER	[PMMOResult_Intra_System_HHO_RNC] M1008C152
XPKMEL0AFQ2AHDVUJ02UAUIBEV	M1008C158	NUMBER	[PMMOResult_Intra_System_HHO_RNC] M1008C158
XPKMEL2AFQ2AHDVUJ02UAUIBEV	M1008C159	NUMBER	[PMMOResult_Intra_System_HHO_RNC] M1008C159
XPKMEL4AFQ2AHDVUJ02UAUIBEV	M1008C160	NUMBER	[PMMOResult_Intra_System_HHO_RNC] M1008C160
XPKMEL6AFQ2AHDVUJ02UAUIBEV	M1008C161	NUMBER	[PMMOResult_Intra_System_HHO_RNC] M1008C161
XPKMELBAFQ2AHDVUJ02UAUIBEV	M1008C162	NUMBER	[PMMOResult_Intra_System_HHO_RNC] M1008C162
XPKMELDAFQ2AHDVUJ02UAUIBEV	M1008C163	NUMBER	[PMMOResult_Intra_System_HHO_RNC] M1008C163
XPKMELFAFQ2AHDVUJ02UAUIBEV	M1008C164	NUMBER	[PMMOResult_Intra_System_HHO_RNC] M1008C164
XPKMELRAFQ2AHDVUJ02UAUIBEV	M1008C170	NUMBER	[PMMOResult_Intra_System_HHO_RNC] M1008C170
XPKMELTAFQ2AHDVUJ02UAUIBEV	M1008C171	NUMBER	[PMMOResult_Intra_System_HHO_RNC] M1008C171
XPKMELVAFQ2AHDVUJ02UAUIBEV	M1008C172	NUMBER	[PMMOResult_Intra_System_HHO_RNC] M1008C172
XPKMELXAFQ2AHDVUJ02	M1008C173	NUMBER	[PMMOResult_Intra_System_

UAUIBEV			HHO_RNC] M1008C173
XPKMEM0AFQ2AHDVUJ02 UAUIBEV	M1008C174	NUMBER	[PMMOResult_Intra_System_ HHO_RNC] M1008C174
XPKMEM2AFQ2AHDVUJ02 UAUIBEV	M1008C175	NUMBER	[PMMOResult_Intra_System_ HHO_RNC] M1008C175
XPKMEM4AFQ2AHDVUJ02 UAUIBEV	M1008C176	NUMBER	[PMMOResult_Intra_System_ HHO_RNC] M1008C176
XVM0PL4AFQ2AHDVUJ02U AUIBEV	M1008C182	NUMBER	[PMMOResult_Intra_System_ HHO_RNC] M1008C182
XVM0PL6AFQ2AHDVUJ02U AUIBEV	M1008C183	NUMBER	[PMMOResult_Intra_System_ HHO_RNC] M1008C183
XVM0PLBAFQ2AHDVUJ02 UAUIBEV	M1008C184	NUMBER	[PMMOResult_Intra_System_ HHO_RNC] M1008C184
XVM0PLDAFQ2AHDVUJ02 UAUIBEV	M1008C185	NUMBER	[PMMOResult_Intra_System_ HHO_RNC] M1008C185
XVM0PLFAFQ2AHDVUJ02U AUIBEV	M1008C186	NUMBER	[PMMOResult_Intra_System_ HHO_RNC] M1008C186
XVM0PLHAFQ2AHDVUJ02 UAUIBEV	M1008C187	NUMBER	[PMMOResult_Intra_System_ HHO_RNC] M1008C187
XVM0PLJAFQ2AHDVUJ02U AUIBEV	M1008C188	NUMBER	[PMMOResult_Intra_System_ HHO_RNC] M1008C188
XVM0PLVAFQ2AHDVUJ02 UAUIBEV	M1008C194	NUMBER	[PMMOResult_Intra_System_ HHO_RNC] M1008C194
XVM0PLXAFQ2AHDVUJ02 UAUIBEV	M1008C195	NUMBER	[PMMOResult_Intra_System_ HHO_RNC] M1008C195
XVM0PM0AFQ2AHDVUJ02 UAUIBEV	M1008C196	NUMBER	[PMMOResult_Intra_System_ HHO_RNC] M1008C196
XVM0PM2AFQ2AHDVUJ02 UAUIBEV	M1008C197	NUMBER	[PMMOResult_Intra_System_ HHO_RNC] M1008C197
XVM0PM4AFQ2AHDVUJ02 UAUIBEV	M1008C198	NUMBER	[PMMOResult_Intra_System_ HHO_RNC] M1008C198

This edition applies to IBM® Tivoli® Netcool® Performance Manager for Wireless and to all subsequent releases and modifications until otherwise indicated in new editions.

XVM0PM6AFQ2AHDVUJ02UAUIBEV	M1008C199	NUMBER	[PMMOResult_Intra_System_HHO_RNC] M1008C199
XVM0PMBAFQ2AHDVUJ02UAUIBEV	M1008C200	NUMBER	[PMMOResult_Intra_System_HHO_RNC] M1008C200
XVM0PMNAFQ2AHDVUJ02UAUIBEV	M1008C206	NUMBER	[PMMOResult_Intra_System_HHO_RNC] M1008C206
XVM0PMPAFQ2AHDVUJ02UAUIBEV	M1008C207	NUMBER	[PMMOResult_Intra_System_HHO_RNC] M1008C207
XVM0PMRAFQ2AHDVUJ02UAUIBEV	M1008C208	NUMBER	[PMMOResult_Intra_System_HHO_RNC] M1008C208
XVM0PMTAFQ2AHDVUJ02UAUIBEV	M1008C209	NUMBER	[PMMOResult_Intra_System_HHO_RNC] M1008C209
XVM0PMVAFQ2AHDVUJ02UAUIBEV	M1008C210	NUMBER	[PMMOResult_Intra_System_HHO_RNC] M1008C210
XVM0PMXAFQ2AHDVUJ02UAUIBEV	M1008C211	NUMBER	[PMMOResult_Intra_System_HHO_RNC] M1008C211
XVM0PN0AFQ2AHDVUJ02UAUIBEV	M1008C212	NUMBER	[PMMOResult_Intra_System_HHO_RNC] M1008C212
UAQADBP1IM2AHSXR0035XKCUAI	M1008C246	NUMBER	[PMMOResult_Intra_System_HHO_RNC] M1008C246

7.36.68NOK_NKRNC_ISYHHOITERT_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
BSC_ID		VARCHAR2(50)	[PMMOResult_Intra_System_HHO_RNC] RNC
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
TYAMXPXAHL26SECCB00HW01QK4	M1008C19	NUMBER	[PMMOResult_Intra_System_HHO_RNC] M1008C19
TYBSN5DAHL26SECCB00HW01QK4	M1008C20	NUMBER	[PMMOResult_Intra_System_HHO_RNC] M1008C20
TYD00BPAHL26SECCB00HW01QK4	M1008C21	NUMBER	[PMMOResult_Intra_System_HHO_RNC] M1008C21
TYEEA5TAHL26SECCB00H	M1008C22	NUMBER	[PMMOResult_Intra_System_

W01QK4			HHO_RNC] M1008C22
TYFJNMDAHL26SECCB00H W01QK4	M1008C23	NUMBER	[PMMOResult_Intra_System_ HHO_RNC] M1008C23
TYGQQHTAHL26SECCB00H W01QK4	M1008C24	NUMBER	[PMMOResult_Intra_System_ HHO_RNC] M1008C24
TYHVD1LAHL26SECCB00H W01QK4	M1008C25	NUMBER	[PMMOResult_Intra_System_ HHO_RNC] M1008C25
TYJFOL6AHL26SECCB00H W01QK4	M1008C26	NUMBER	[PMMOResult_Intra_System_ HHO_RNC] M1008C26
TYKMQHHAHL26SECCB00 HW01QK4	M1008C27	NUMBER	[PMMOResult_Intra_System_ HHO_RNC] M1008C27
TYLRKC2AHL26SECCB00H W01QK4	M1008C28	NUMBER	[PMMOResult_Intra_System_ HHO_RNC] M1008C28
TYMV4C6AHL26SECCB00H W01QK4	M1008C29	NUMBER	[PMMOResult_Intra_System_ HHO_RNC] M1008C29
TYO1HVPAHL26SECCB00H W01QK4	M1008C30	NUMBER	[PMMOResult_Intra_System_ HHO_RNC] M1008C30
TYP6MODAHL26SECCB00H W01QK4	M1008C31	NUMBER	[PMMOResult_Intra_System_ HHO_RNC] M1008C31
TYQHRG6AHL26SECCB00H W01QK4	M1008C32	NUMBER	[PMMOResult_Intra_System_ HHO_RNC] M1008C32
TYRO2HXAHL26SECCB00H W01QK4	M1008C33	NUMBER	[PMMOResult_Intra_System_ HHO_RNC] M1008C33
TYSUAADAHL26SECCB00H W01QK4	M1008C34	NUMBER	[PMMOResult_Intra_System_ HHO_RNC] M1008C34
TYU1MJDAHL26SECCB00H W01QK4	M1008C35	NUMBER	[PMMOResult_Intra_System_ HHO_RNC] M1008C35
TYVB1X2AHL26SECCB00H W01QK4	M1008C36	NUMBER	[PMMOResult_Intra_System_ HHO_RNC] M1008C36
TYWFGGXAHL26SECCB00 HW01QK4	M1008C37	NUMBER	[PMMOResult_Intra_System_ HHO_RNC] M1008C37

This edition applies to IBM® Tivoli® Netcool® Performance Manager for Wireless and to all subsequent releases and modifications until otherwise indicated in new editions.

TYXKI3TAHL26SECCB00HW01QK4	M1008C38	NUMBER	[PMMOResult_Intra_System_HHO_RNC] M1008C38
TYYPHSXAHL26SECCB00HW01QK4	M1008C39	NUMBER	[PMMOResult_Intra_System_HHO_RNC] M1008C39
U00YFATAHL26SECCB00HW01QK4	M1008C40	NUMBER	[PMMOResult_Intra_System_HHO_RNC] M1008C40
U026HP6AHL26SECCB00HW01QK4	M1008C41	NUMBER	[PMMOResult_Intra_System_HHO_RNC] M1008C41
U03GVWHAHL26SECCB00HW01QK4	M1008C42	NUMBER	[PMMOResult_Intra_System_HHO_RNC] M1008C42
U04OMUHAHL26SECCB00HW01QK4	M1008C43	NUMBER	[PMMOResult_Intra_System_HHO_RNC] M1008C43
U05TO2XAHL26SECCB00HW01QK4	M1008C44	NUMBER	[PMMOResult_Intra_System_HHO_RNC] M1008C44
U06WRHHAHL26SECCB00HW01QK4	M1008C45	NUMBER	[PMMOResult_Intra_System_HHO_RNC] M1008C45
U0B42G2AHL26SECCB00HW01QK4	M1008C46	NUMBER	[PMMOResult_Intra_System_HHO_RNC] M1008C46
U0CEHB2AHL26SECCB00HW01QK4	M1008C47	NUMBER	[PMMOResult_Intra_System_HHO_RNC] M1008C47
U0DN6HHAHL26SECCB00HW01QK4	M1008C48	NUMBER	[PMMOResult_Intra_System_HHO_RNC] M1008C48
U0FAKHPAHL26SECCB00HW01QK4	M1008C49	NUMBER	[PMMOResult_Intra_System_HHO_RNC] M1008C49
U0GJDGHAHL26SECCB00HW01QK4	M1008C50	NUMBER	[PMMOResult_Intra_System_HHO_RNC] M1008C50
U0HQY6PAHL26SECCB00HW01QK4	M1008C51	NUMBER	[PMMOResult_Intra_System_HHO_RNC] M1008C51
U0IXUAHAHL26SECCB00HW01QK4	M1008C52	NUMBER	[PMMOResult_Intra_System_HHO_RNC] M1008C52
U0K5CPHAHL26SECCB00HW01QK4	M1008C53	NUMBER	[PMMOResult_Intra_System_HHO_RNC] M1008C53
U0LEDXXAHL26SECCB00HW01QK4	M1008C54	NUMBER	[PMMOResult_Intra_System_HHO_RNC] M1008C54
U0MLUKTAHL26SECCB00H	M1008C55	NUMBER	[PMMOResult_Intra_System_

W01QK4			HHO_RNC] M1008C55
U0NSGWTAHL26SECCB00H W01QK4	M1008C56	NUMBER	[PMMOResult_Intra_System_ HHO_RNC] M1008C56
U0OWHTXAHL26SECCB00H W01QK4	M1008C57	NUMBER	[PMMOResult_Intra_System_ HHO_RNC] M1008C57
U0QBEPTAHL26SECCB00H W01QK4	M1008C58	NUMBER	[PMMOResult_Intra_System_ HHO_RNC] M1008C58
U0RHKL6AHL26SECCB00H W01QK4	M1008C59	NUMBER	[PMMOResult_Intra_System_ HHO_RNC] M1008C59
U0SLWLDAHL26SECCB00H W01QK4	M1008C60	NUMBER	[PMMOResult_Intra_System_ HHO_RNC] M1008C60
U0TSM2DAHL26SECCB00H W01QK4	M1008C61	NUMBER	[PMMOResult_Intra_System_ HHO_RNC] M1008C61
U0UXBRHAHL26SECCB00H W01QK4	M1008C62	NUMBER	[PMMOResult_Intra_System_ HHO_RNC] M1008C62
U0W5IGTAHL26SECCB00H W01QK4	M1008C63	NUMBER	[PMMOResult_Intra_System_ HHO_RNC] M1008C63
U0XFM2XAHL26SECCB00H W01QK4	M1008C64	NUMBER	[PMMOResult_Intra_System_ HHO_RNC] M1008C64
U0YN34XAHL26SECCB00H W01QK4	M1008C65	NUMBER	[PMMOResult_Intra_System_ HHO_RNC] M1008C65
U10S1XDAHL26SECCB00H W01QK4	M1008C115	NUMBER	[PMMOResult_Intra_System_ HHO_RNC] M1008C115
U11VQ6DAHL26SECCB00H W01QK4	M1008C116	NUMBER	[PMMOResult_Intra_System_ HHO_RNC] M1008C116
U133UXHAHL26SECCB00H W01QK4	M1008C117	NUMBER	[PMMOResult_Intra_System_ HHO_RNC] M1008C117
U15PO3LAHL26SECCB00H W01QK4	M1008C118	NUMBER	[PMMOResult_Intra_System_ HHO_RNC] M1008C118
U16WYEDAHL26SECCB00H W01QK4	M1008C119	NUMBER	[PMMOResult_Intra_System_ HHO_RNC] M1008C119

This edition applies to IBM® Tivoli® Netcool® Performance Manager for Wireless and to all subsequent releases and modifications until otherwise indicated in new editions.

U1B34YHAHL26SECCB00HW01QK4	M1008C120	NUMBER	[PMMOResult_Intra_System_HHO_RNC] M1008C120
U1CERQXAHL26SECCB00HW01QK4	M1008C121	NUMBER	[PMMOResult_Intra_System_HHO_RNC] M1008C121
XPKMEJ6AFQ2AHDVUJ02UAUIBEV	M1008C129	NUMBER	[PMMOResult_Intra_System_HHO_RNC] M1008C129
XPKMEJBAFQ2AHDVUJ02UAUIBEV	M1008C130	NUMBER	[PMMOResult_Intra_System_HHO_RNC] M1008C130
XPKMEJDAFQ2AHDVUJ02UAUIBEV	M1008C131	NUMBER	[PMMOResult_Intra_System_HHO_RNC] M1008C131
XPKMEJFAFQ2AHDVUJ02UAUIBEV	M1008C132	NUMBER	[PMMOResult_Intra_System_HHO_RNC] M1008C132
XPKMEJHAFQ2AHDVUJ02UAUIBEV	M1008C133	NUMBER	[PMMOResult_Intra_System_HHO_RNC] M1008C133
XPKMEJXAFQ2AHDVUJ02UAUIBEV	M1008C141	NUMBER	[PMMOResult_Intra_System_HHO_RNC] M1008C141
XPKMEK0AFQ2AHDVUJ02UAUIBEV	M1008C142	NUMBER	[PMMOResult_Intra_System_HHO_RNC] M1008C142
XPKMEK2AFQ2AHDVUJ02UAUIBEV	M1008C143	NUMBER	[PMMOResult_Intra_System_HHO_RNC] M1008C143
XPKMEK4AFQ2AHDVUJ02UAUIBEV	M1008C144	NUMBER	[PMMOResult_Intra_System_HHO_RNC] M1008C144
XPKMEK6AFQ2AHDVUJ02UAUIBEV	M1008C145	NUMBER	[PMMOResult_Intra_System_HHO_RNC] M1008C145
XPKMEKPAFQ2AHDVUJ02UAUIBEV	M1008C153	NUMBER	[PMMOResult_Intra_System_HHO_RNC] M1008C153
XPKMEKRAFQ2AHDVUJ02UAUIBEV	M1008C154	NUMBER	[PMMOResult_Intra_System_HHO_RNC] M1008C154
XPKMEKTAFQ2AHDVUJ02UAUIBEV	M1008C155	NUMBER	[PMMOResult_Intra_System_HHO_RNC] M1008C155
XPKMEKVAFQ2AHDVUJ02UAUIBEV	M1008C156	NUMBER	[PMMOResult_Intra_System_HHO_RNC] M1008C156
XPKMEKXAFQ2AHDVUJ02UAUIBEV	M1008C157	NUMBER	[PMMOResult_Intra_System_HHO_RNC] M1008C157
XPKMELHAFQ2AHDVUJ02	M1008C165	NUMBER	[PMMOResult_Intra_System_

UAUIBEV			HHO_RNC] M1008C165
XPKMELJAFQ2AHDVUJ02UAUIBEV	M1008C166	NUMBER	[PMMOResult_Intra_System_HHO_RNC] M1008C166
XPKMELLAFQ2AHDVUJ02UAUIBEV	M1008C167	NUMBER	[PMMOResult_Intra_System_HHO_RNC] M1008C167
XPKMELNAFQ2AHDVUJ02UAUIBEV	M1008C168	NUMBER	[PMMOResult_Intra_System_HHO_RNC] M1008C168
XPKMELPAFQ2AHDVUJ02UAUIBEV	M1008C169	NUMBER	[PMMOResult_Intra_System_HHO_RNC] M1008C169
XPKMEM6AFQ2AHDVUJ02UAUIBEV	M1008C177	NUMBER	[PMMOResult_Intra_System_HHO_RNC] M1008C177
XPKMEMBAFQ2AHDVUJ02UAUIBEV	M1008C178	NUMBER	[PMMOResult_Intra_System_HHO_RNC] M1008C178
XPKMEMDAFQ2AHDVUJ02UAUIBEV	M1008C179	NUMBER	[PMMOResult_Intra_System_HHO_RNC] M1008C179
XVM0PL0AFQ2AHDVUJ02UAUIBEV	M1008C180	NUMBER	[PMMOResult_Intra_System_HHO_RNC] M1008C180
XVM0PL2AFQ2AHDVUJ02UAUIBEV	M1008C181	NUMBER	[PMMOResult_Intra_System_HHO_RNC] M1008C181
XVM0PLLAFQ2AHDVUJ02UAUIBEV	M1008C189	NUMBER	[PMMOResult_Intra_System_HHO_RNC] M1008C189
XVM0PLNAFQ2AHDVUJ02UAUIBEV	M1008C190	NUMBER	[PMMOResult_Intra_System_HHO_RNC] M1008C190
XVM0PLPAFQ2AHDVUJ02UAUIBEV	M1008C191	NUMBER	[PMMOResult_Intra_System_HHO_RNC] M1008C191
XVM0PLRAFQ2AHDVUJ02UAUIBEV	M1008C192	NUMBER	[PMMOResult_Intra_System_HHO_RNC] M1008C192
XVM0PLTAFQ2AHDVUJ02UAUIBEV	M1008C193	NUMBER	[PMMOResult_Intra_System_HHO_RNC] M1008C193
XVM0PMDAFQ2AHDVUJ02UAUIBEV	M1008C201	NUMBER	[PMMOResult_Intra_System_HHO_RNC] M1008C201

This edition applies to IBM® Tivoli® Netcool® Performance Manager for Wireless and to all subsequent releases and modifications until otherwise indicated in new editions.

XVM0PMFAFQ2AHDVUJ02UAUIBEV	M1008C202	NUMBER	[PMMOResult_Intra_System_HHO_RNC] M1008C202
XVM0PMHAFQ2AHDVUJ02UAUIBEV	M1008C203	NUMBER	[PMMOResult_Intra_System_HHO_RNC] M1008C203
XVM0PMJAFQ2AHDVUJ02UAUIBEV	M1008C204	NUMBER	[PMMOResult_Intra_System_HHO_RNC] M1008C204
XVM0PMLAFQ2AHDVUJ02UAUIBEV	M1008C205	NUMBER	[PMMOResult_Intra_System_HHO_RNC] M1008C205
UAQADA61IM2AHSXR0035XKCUAI	M1008C225	NUMBER	[PMMOResult_Intra_System_HHO_RNC] M1008C225
UAQADAB1IM2AHSXR0035XKCUAI	M1008C226	NUMBER	[PMMOResult_Intra_System_HHO_RNC] M1008C226
UAQADAD1IM2AHSXR0035XKCUAI	M1008C227	NUMBER	[PMMOResult_Intra_System_HHO_RNC] M1008C227
UAQADAF1IM2AHSXR0035XKCUAI	M1008C228	NUMBER	[PMMOResult_Intra_System_HHO_RNC] M1008C228
UAQADAH1IM2AHSXR0035XKCUAI	M1008C229	NUMBER	[PMMOResult_Intra_System_HHO_RNC] M1008C229
UAQADAJ1IM2AHSXR0035XKCUAI	M1008C230	NUMBER	[PMMOResult_Intra_System_HHO_RNC] M1008C230
UAQADAL1IM2AHSXR0035XKCUAI	M1008C231	NUMBER	[PMMOResult_Intra_System_HHO_RNC] M1008C231
UAQADAN1IM2AHSXR0035XKCUAI	M1008C232	NUMBER	[PMMOResult_Intra_System_HHO_RNC] M1008C232
UAQADAP1IM2AHSXR0035XKCUAI	M1008C233	NUMBER	[PMMOResult_Intra_System_HHO_RNC] M1008C233
UAQADAR1IM2AHSXR0035XKCUAI	M1008C234	NUMBER	[PMMOResult_Intra_System_HHO_RNC] M1008C234
UAQADAX1IM2AHSXR0035XKCUAI	M1008C235	NUMBER	[PMMOResult_Intra_System_HHO_RNC] M1008C235
UAQADB01IM2AHSXR0035XKCUAI	M1008C236	NUMBER	[PMMOResult_Intra_System_HHO_RNC] M1008C236
UAQADB21IM2AHSXR0035XKCUAI	M1008C237	NUMBER	[PMMOResult_Intra_System_HHO_RNC] M1008C237
UAQADB41IM2AHSXR0035	M1008C238	NUMBER	[PMMOResult_Intra_System_

XKCUAI			HHO_RNC] M1008C238

7.36.69NOK_NKRNC_IURSRLRQSRC_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
BSC_ID		VARCHAR2(50)	[PMMOResult_Relocation_ISHO] RNC
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
UMOVIG41IM2AHSXR0035XKCUAI	M1009C80	NUMBER	[PMMOResult_Relocation_ISHO] M1009C80
UMOVIG61IM2AHSXR0035XKCUAI	M1009C81	NUMBER	[PMMOResult_Relocation_ISHO] M1009C81
UMOVIGB1IM2AHSXR0035XKCUAI	M1009C82	NUMBER	[PMMOResult_Relocation_ISHO] M1009C82
UMOVIGD1IM2AHSXR0035XKCUAI	M1009C83	NUMBER	[PMMOResult_Relocation_ISHO] M1009C83
UMOVIGF1IM2AHSXR0035XKCUAI	M1009C84	NUMBER	[PMMOResult_Relocation_ISHO] M1009C84
UMOVIGH1IM2AHSXR0035XKCUAI	M1009C85	NUMBER	[PMMOResult_Relocation_ISHO] M1009C85
UMOVIGJ1IM2AHSXR0035XKCUAI	M1009C86	NUMBER	[PMMOResult_Relocation_ISHO] M1009C86
UMOVIGL1IM2AHSXR0035XKCUAI	M1009C87	NUMBER	[PMMOResult_Relocation_ISHO] M1009C87
UMOVIGN1IM2AHSXR0035XKCUAI	M1009C88	NUMBER	[PMMOResult_Relocation_ISHO] M1009C88
UMOVIGP1IM2AHSXR0035XKCUAI	M1009C89	NUMBER	[PMMOResult_Relocation_ISHO] M1009C89
UMOVIGR1IM2AHSXR0035XKCUAI	M1009C90	NUMBER	[PMMOResult_Relocation_ISHO] M1009C90

This edition applies to IBM® Tivoli® Netcool® Performance Manager for Wireless and to all subsequent releases and modifications until otherwise indicated in new editions.

UMOVIGT1IM2AHSXR0035XKCUAI	M1009C91	NUMBER	[PMMOResult_Relocation_ISHO] M1009C91
UMOVIGV1IM2AHSXR0035XKCUAI	M1009C92	NUMBER	[PMMOResult_Relocation_ISHO] M1009C92
UMOVIGX1IM2AHSXR0035XKCUAI	M1009C93	NUMBER	[PMMOResult_Relocation_ISHO] M1009C93
UMOVIH01IM2AHSXR0035XKCUAI	M1009C94	NUMBER	[PMMOResult_Relocation_ISHO] M1009C94
UMOVIH21IM2AHSXR0035XKCUAI	M1009C95	NUMBER	[PMMOResult_Relocation_ISHO] M1009C95
UMOVIH41IM2AHSXR0035XKCUAI	M1009C96	NUMBER	[PMMOResult_Relocation_ISHO] M1009C96
UMOVIH61IM2AHSXR0035XKCUAI	M1009C97	NUMBER	[PMMOResult_Relocation_ISHO] M1009C97
UMOVIHB1IM2AHSXR0035XKCUAI	M1009C232	NUMBER	[PMMOResult_Relocation_ISHO] M1009C232

7.36.70NOK_NKRNC_IURSRLRQTGT_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
BSC_ID		VARCHAR2(50)	[PMMOResult_Relocation_ISHO] RNC
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
UMOVIHD1IM2AHSXR0035XKCUAI	M1009C98	NUMBER	[PMMOResult_Relocation_ISHO] M1009C98
UMOVIHF1IM2AHSXR0035XKCUAI	M1009C99	NUMBER	[PMMOResult_Relocation_ISHO] M1009C99
UMOVIHH1IM2AHSXR0035XKCUAI	M1009C100	NUMBER	[PMMOResult_Relocation_ISHO] M1009C100
UMOVIHJ1IM2AHSXR0035XKCUAI	M1009C101	NUMBER	[PMMOResult_Relocation_ISHO] M1009C101
UMOVIHL1IM2AHSXR0035XKCUAI	M1009C102	NUMBER	[PMMOResult_Relocation_ISHO] M1009C102
UMOVIHN1IM2AHSXR003	M1009C103	NUMBER	[PMMOResult_Relocation_IS

5XKCUAI			HO] M1009C103
UMOVIHP1IM2AHSXR0035XKCUAI	M1009C104	NUMBER	[PMMOResult_Relocation_ISHO] M1009C104
UMOVIHR1IM2AHSXR0035XKCUAI	M1009C105	NUMBER	[PMMOResult_Relocation_ISHO] M1009C105
UMOVIHT1IM2AHSXR0035XKCUAI	M1009C106	NUMBER	[PMMOResult_Relocation_ISHO] M1009C106
UMOVIHV1IM2AHSXR0035XKCUAI	M1009C107	NUMBER	[PMMOResult_Relocation_ISHO] M1009C107
UMOVIHX1IM2AHSXR0035XKCUAI	M1009C108	NUMBER	[PMMOResult_Relocation_ISHO] M1009C108
UMOVII01IM2AHSXR0035XKCUAI	M1009C109	NUMBER	[PMMOResult_Relocation_ISHO] M1009C109
UMOVII21IM2AHSXR0035XKCUAI	M1009C110	NUMBER	[PMMOResult_Relocation_ISHO] M1009C110
UMOVII41IM2AHSXR0035XKCUAI	M1009C111	NUMBER	[PMMOResult_Relocation_ISHO] M1009C111
UMOVII61IM2AHSXR0035XKCUAI	M1009C112	NUMBER	[PMMOResult_Relocation_ISHO] M1009C112
UMOVIIB1IM2AHSXR0035XKCUAI	M1009C113	NUMBER	[PMMOResult_Relocation_ISHO] M1009C113
UMOVIID1IM2AHSXR0035XKCUAI	M1009C114	NUMBER	[PMMOResult_Relocation_ISHO] M1009C114
UMOVIIF1IM2AHSXR0035XKCUAI	M1009C115	NUMBER	[PMMOResult_Relocation_ISHO] M1009C115

7.36.71NOK_NKRNC_LOCAGPS_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
BSC_ID		VARCHAR2(50)	[PMMOResult_RNC_Accum_Location_Services] RNC

This edition applies to IBM® Tivoli® Netcool® Performance Manager for Wireless and to all subsequent releases and modifications until otherwise indicated in new editions.

TSTAMP		DATE	
INSTANCE_ID		NUMBER	
UAQADBR1IM2AHSXR003 5XKCUAI	M1011C15	NUMBER	[PMMOResult_RNC_Accum_ Location_Services] M1011C15
UAQADBT1IM2AHSXR003 5XKCUAI	M1011C16	NUMBER	[PMMOResult_RNC_Accum_ Location_Services] M1011C16
UAQADBV1IM2AHSXR003 5XKCUAI	M1011C17	NUMBER	[PMMOResult_RNC_Accum_ Location_Services] M1011C17
UAQADBX1IM2AHSXR003 5XKCUAI	M1011C18	NUMBER	[PMMOResult_RNC_Accum_ Location_Services] M1011C18
UAQADC01IM2AHSXR0035 XKCUAI	M1011C19	NUMBER	[PMMOResult_RNC_Accum_ Location_Services] M1011C19
UAQADC21IM2AHSXR0035 XKCUAI	M1011C20	NUMBER	[PMMOResult_RNC_Accum_ Location_Services] M1011C20
UAQADC41IM2AHSXR0035 XKCUAI	M1011C21	NUMBER	[PMMOResult_RNC_Accum_ Location_Services] M1011C21
UAQADC61IM2AHSXR0035 XKCUAI	M1011C22	NUMBER	[PMMOResult_RNC_Accum_ Location_Services] M1011C22
UAQADCB1IM2AHSXR003 5XKCUAI	M1011C23	NUMBER	[PMMOResult_RNC_Accum_ Location_Services] M1011C23
UAQADCF1IM2AHSXR0035 XKCUAI	M1011C25	NUMBER	[PMMOResult_RNC_Accum_ Location_Services] M1011C25
UAQADCL1IM2AHSXR003 5XKCUAI	M1011C28	NUMBER	[PMMOResult_RNC_Accum_ Location_Services] M1011C28
UAQADCN1IM2AHSXR003 5XKCUAI	M1011C29	NUMBER	[PMMOResult_RNC_Accum_ Location_Services] M1011C29
UAQADCP1IM2AHSXR0035 XKCUAI	M1011C30	NUMBER	[PMMOResult_RNC_Accum_ Location_Services] M1011C30
UAQADCR1IM2AHSXR003 5XKCUAI	M1011C31	NUMBER	[PMMOResult_RNC_Accum_ Location_Services] M1011C31
UAQADCT1IM2AHSXR003 5XKCUAI	M1011C32	NUMBER	[PMMOResult_RNC_Accum_ Location_Services] M1011C32
UAQADCV1IM2AHSXR003 5XKCUAI	M1011C33	NUMBER	[PMMOResult_RNC_Accum_ Location_Services] M1011C33
UAQADCX1IM2AHSXR003	M1011C34	NUMBER	[PMMOResult_RNC_Accum_

5XKCUAI			Location_Services] M1011C34
UAQADD01IM2AHSXR0035XKCUAI	M1011C35	NUMBER	[PMMOResult_RNC_Accum_Location_Services] M1011C35
UAQADD21IM2AHSXR0035XKCUAI	M1011C36	NUMBER	[PMMOResult_RNC_Accum_Location_Services] M1011C36

7.36.72NOK_NKRNC_LOCSVC_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
BSC_ID		VARCHAR2(50)	[PMMOResult_RNC_Accum_Location_Services] RNC
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
UAQADCD1IM2AHSXR0035XKCUAI	M1011C24	NUMBER	[PMMOResult_RNC_Accum_Location_Services] M1011C24
UAQADCH1IM2AHSXR0035XKCUAI	M1011C26	NUMBER	[PMMOResult_RNC_Accum_Location_Services] M1011C26
UAQADCJ1IM2AHSXR0035XKCUAI	M1011C27	NUMBER	[PMMOResult_RNC_Accum_Location_Services] M1011C27
UAQADD41IM2AHSXR0035XKCUAI	M1011C37	NUMBER	[PMMOResult_RNC_Accum_Location_Services] M1011C37
UAQADD61IM2AHSXR0035XKCUAI	M1011C38	NUMBER	[PMMOResult_RNC_Accum_Location_Services] M1011C38
UAQADDD1IM2AHSXR0035XKCUAI	M1011C39	NUMBER	[PMMOResult_RNC_Accum_Location_Services] M1011C39
UAQADDF1IM2AHSXR0035XKCUAI	M1011C40	NUMBER	[PMMOResult_RNC_Accum_Location_Services]

This edition applies to IBM® Tivoli® Netcool® Performance Manager for Wireless and to all subsequent releases and modifications until otherwise indicated in new editions.

			M1011C40
UAQADDH1IM2AHSXR0035X KCUAI	M1011C41	NUMBER	[PMMOResult_RNC_Accum _Location_Services] M1011C41
UAQADDJ1IM2AHSXR0035X KCUAI	M1011C42	NUMBER	[PMMOResult_RNC_Accum _Location_Services] M1011C42
UAQADDL1IM2AHSXR0035X KCUAI	M1011C43	NUMBER	[PMMOResult_RNC_Accum _Location_Services] M1011C43
UAQADDP1IM2AHSXR0035X KCUAI	M1011C44	NUMBER	[PMMOResult_RNC_Accum _Location_Services] M1011C44
UAQADDR1IM2AHSXR0035X KCUAI	M1011C45	NUMBER	[PMMOResult_RNC_Accum _Location_Services] M1011C45
UAQADDT1IM2AHSXR0035X KCUAI	M1011C46	NUMBER	[PMMOResult_RNC_Accum _Location_Services] M1011C46
UAQADDV1IM2AHSXR0035X KCUAI	M1011C47	NUMBER	[PMMOResult_RNC_Accum _Location_Services] M1011C47
UAQADDX1IM2AHSXR0035X KCUAI	M1011C48	NUMBER	[PMMOResult_RNC_Accum _Location_Services] M1011C48
UAQADE01IM2AHSXR0035X KCUAI	M1011C49	NUMBER	[PMMOResult_RNC_Accum _Location_Services] M1011C49
UAQADE61IM2AHSXR0035X KCUAI	M1011C50	NUMBER	[PMMOResult_RNC_Accum _Location_Services] M1011C50
UAQADEB1IM2AHSXR0035X KCUAI	M1011C51	NUMBER	[PMMOResult_RNC_Accum _Location_Services] M1011C51
UAQADED1IM2AHSXR0035X KCUAI	M1011C52	NUMBER	[PMMOResult_RNC_Accum _Location_Services] M1011C52
UAQADEF1IM2AHSXR0035X	M1011C53	NUMBER	[PMMOResult_RNC_Accum

KCUAI			_Location_Services] M1011C53
UAQADEH1IM2AHSXR0035X KCUAI	M1011C54	NUMBER	[PMMOResult_RNC_Accum _Location_Services] M1011C54
UAQADEJ1IM2AHSXR0035X KCUAI	M1011C55	NUMBER	[PMMOResult_RNC_Accum _Location_Services] M1011C55
UAQADEL1IM2AHSXR0035X KCUAI	M1011C56	NUMBER	[PMMOResult_RNC_Accum _Location_Services] M1011C56
UAQADEP1IM2AHSXR0035X KCUAI	M1011C57	NUMBER	[PMMOResult_RNC_Accum _Location_Services] M1011C57
UAQADER1IM2AHSXR0035X KCUAI	M1011C58	NUMBER	[PMMOResult_RNC_Accum _Location_Services] M1011C58
UAQADET1IM2AHSXR0035X KCUAI	M1011C59	NUMBER	[PMMOResult_RNC_Accum _Location_Services] M1011C59
UAQADEV1IM2AHSXR0035X KCUAI	M1011C60	NUMBER	[PMMOResult_RNC_Accum _Location_Services] M1011C60
UAQADEX1IM2AHSXR0035X KCUAI	M1011C61	NUMBER	[PMMOResult_RNC_Accum _Location_Services] M1011C61
UAQADF21IM2AHSXR0035X KCUAI	M1011C62	NUMBER	[PMMOResult_RNC_Accum _Location_Services] M1011C62
UAQADF41IM2AHSXR0035X KCUAI	M1011C63	NUMBER	[PMMOResult_RNC_Accum _Location_Services] M1011C63
UAQADF61IM2AHSXR0035X KCUAI	M1011C64	NUMBER	[PMMOResult_RNC_Accum _Location_Services]

This edition applies to IBM® Tivoli® Netcool® Performance Manager for Wireless and to all subsequent releases and modifications until otherwise indicated in new editions.

			M1011C64
UAQADFB1IM2AHSXR0035XKCUAI	M1011C65	NUMBER	[PMMOResult_RNC_Accum_Location_Services] M1011C65
UAQADFD1IM2AHSXR0035XKCUAI	M1011C66	NUMBER	[PMMOResult_RNC_Accum_Location_Services] M1011C66
UAQADFF1IM2AHSXR0035XKCUAI	M1011C67	NUMBER	[PMMOResult_RNC_Accum_Location_Services] M1011C67
XDRXAWJDMM2AICSD002UAXYBDK	M1011C68	NUMBER	[PMMOResult_RNC_Accum_Location_Services] M1011C68
XDRXAWLDMM2AICSD002UAXYBDK	M1011C69	NUMBER	[PMMOResult_RNC_Accum_Location_Services] M1011C69
XDRXAWNDMM2AICSD002UAXYBDK	M1011C70	NUMBER	[PMMOResult_RNC_Accum_Location_Services] M1011C70
XDRXAWPDMM2AICSD002UAXYBDK	M1011C71	NUMBER	[PMMOResult_RNC_Accum_Location_Services] M1011C71
U23VRY2AHL26SECCB00HW01QK4	LCS_REQUESTS	NUMBER	[PMMOResult_RNC_Accum_Location_Services] M1011C0
U25A4YLAHL26SECCB00HW01QK4	M1011C1	NUMBER	[PMMOResult_RNC_Accum_Location_Services] M1011C1
U26ID06AHL26SECCB00HW01QK4	M1011C10	NUMBER	[PMMOResult_RNC_Accum_Location_Services] M1011C10
U2AN3HDAHL26SECCB00HW01QK4	M1011C11	NUMBER	[PMMOResult_RNC_Accum_Location_Services] M1011C11
U2BSTF6AHL26SECCB00HW01QK4	M1011C12	NUMBER	[PMMOResult_RNC_Accum_Location_Services] M1011C12
U2D2YX2AHL26SECCB00HW	M1011C13	NUMBER	[PMMOResult_RNC_Accum

01QK4			_Location_Services] M1011C13
U2EF53HAHL26SECCB00HW01QK4	M1011C14	NUMBER	[PMMOResult_RNC_Accum_Location_Services] M1011C14
U2FMA0XAHL26SECCB00HW01QK4	FAILED_LCS_REQUESTS	NUMBER	[PMMOResult_RNC_Accum_Location_Services] M1011C2
U2GVG1TAHL26SECCB00HW01QK4	M1011C3	NUMBER	[PMMOResult_RNC_Accum_Location_Services] M1011C3
U2I4TQDAHL26SECCB00HW01QK4	M1011C4	NUMBER	[PMMOResult_RNC_Accum_Location_Services] M1011C4
UIC2I3DAHL26SECCB00HW01QK4	M1011C5	NUMBER	[PMMOResult_RNC_Accum_Location_Services] M1011C5
UIDCXRTAHL26SECCB00HW01QK4	M1011C6	NUMBER	[PMMOResult_RNC_Accum_Location_Services] M1011C6
UIEI3JTAHL26SECCB00HW01QK4	M1011C7	NUMBER	[PMMOResult_RNC_Accum_Location_Services] M1011C7
UIFMSIPAHL26SECCB00HW01QK4	M1011C8	NUMBER	[PMMOResult_RNC_Accum_Location_Services] M1011C8
UIGTYSTAHL26SECCB00HW01QK4	M1011C9	NUMBER	[PMMOResult_RNC_Accum_Location_Services] M1011C9

7.36.73NOK_NKRNC_PRAPRPDEL_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
BSC_ID		VARCHA	[PMMOResult_RRC_0] RNC

This edition applies to IBM® Tivoli® Netcool® Performance Manager for Wireless and to all subsequent releases and modifications until otherwise indicated in new editions.

		R2(50)	
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
UAQAD361IM2AHSXR0035XKCUAI	M1006C128	NUMBER	[PMMOResult_RRC_0] M1006C128
UAQAD3B1IM2AHSXR0035XKCUAI	M1006C129	NUMBER	[PMMOResult_RRC_0] M1006C129
UAQAD3D1IM2AHSXR0035XKCUAI	M1006C130	NUMBER	[PMMOResult_RRC_0] M1006C130
UAQAD3F1IM2AHSXR0035XKCUAI	M1006C131	NUMBER	[PMMOResult_RRC_0] M1006C131
UAQAD3H1IM2AHSXR0035XKCUAI	M1006C132	NUMBER	[PMMOResult_RRC_0] M1006C132
UAQAD3J1IM2AHSXR0035XKCUAI	M1006C133	NUMBER	[PMMOResult_RRC_0] M1006C133
UAQAD3L1IM2AHSXR0035XKCUAI	M1006C134	NUMBER	[PMMOResult_RRC_0] M1006C134
UAQAD3N1IM2AHSXR0035XKCUAI	M1006C135	NUMBER	[PMMOResult_RRC_0] M1006C135
UAQAD3P1IM2AHSXR0035XKCUAI	M1006C136	NUMBER	[PMMOResult_RRC_0] M1006C136
UAQAD3R1IM2AHSXR0035XKCUAI	M1006C137	NUMBER	[PMMOResult_RRC_0] M1006C137
UAQAD3T1IM2AHSXR0035XKCUAI	M1006C138	NUMBER	[PMMOResult_RRC_0] M1006C138
UAQAD3V1IM2AHSXR0035XKCUAI	M1006C139	NUMBER	[PMMOResult_RRC_0] M1006C139
UAQAD3X1IM2AHSXR0035XKCUAI	M1006C140	NUMBER	[PMMOResult_RRC_0] M1006C140
UAQAD401IM2AHSXR0035XKCUAI	M1006C141	NUMBER	[PMMOResult_RRC_0] M1006C141
UAQAD421IM2AHSXR0035XKCUAI	M1006C142	NUMBER	[PMMOResult_RRC_0] M1006C142
UAQAD441IM2AHSXR0035XKCUAI	M1006C143	NUMBER	[PMMOResult_RRC_0] M1006C143

UAQAD461IM2AHSXR0035XKCUAI	M1006C144	NUMBER	[PMMOResult_RRC_0] M1006C144
UAQAD4B1IM2AHSXR0035XKCUAI	M1006C145	NUMBER	[PMMOResult_RRC_0] M1006C145
UAQAD4D1IM2AHSXR0035XKCUAI	M1006C146	NUMBER	[PMMOResult_RRC_0] M1006C146
UAQAD4F1IM2AHSXR0035XKCUAI	M1006C147	NUMBER	[PMMOResult_RRC_0] M1006C147
UAQAD4H1IM2AHSXR0035XKCUAI	M1006C148	NUMBER	[PMMOResult_RRC_0] M1006C148

7.36.74NOK_NKRNC_RANAP_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
BSC_ID		VARCHAR2(50)	[PMMOResult_L3Iu] RNC
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
UIJ5HM6AHL26SECCB00HW01QK4	SIGN_CONN_SETUP	NUMBER	[PMMOResult_L3Iu] M1003C0
UIKDJM2AHL26SECCB00HW01QK4	SIGN_CONN_REL_BY_CN	NUMBER	[PMMOResult_L3Iu] M1003C1
UILL012AHL26SECCB00HW01QK4	M1003C2	NUMBER	[PMMOResult_L3Iu] M1003C2
UIMTH32AHL26SECCB00HW01QK4	M1003C3	NUMBER	[PMMOResult_L3Iu] M1003C3
UIO0LTTAHL26SECCB00HW01QK4	M1003C4	NUMBER	[PMMOResult_L3Iu] M1003C4
UIP5XFXAHL26SECCB00HW01QK4	M1003C5	NUMBER	[PMMOResult_L3Iu] M1003C5
UIQCSQDAHL26SECCB00H	M1003C6	NUMBER	[PMMOResult_L3Iu]

This edition applies to IBM® Tivoli® Netcool® Performance Manager for Wireless and to all subsequent releases and modifications until otherwise indicated in new editions.

W01QK4			M1003C6
UIRIDEDAHL26SECCB00HW01QK4	M1003C7	NUMBER	[PMMOResult_L3Iu] M1003C7
UISPPTXAHL26SECCB00HW01QK4	RAB_ASS_REQ_BY_CN	NUMBER	[PMMOResult_L3Iu] M1003C8
UITWRB6AHL26SECCB00HW01QK4	RAB_RECONF_REQ_BY_CN	NUMBER	[PMMOResult_L3Iu] M1003C9
UIV2OMXAHL26SECCB00HW01QK4	RAB_REL_REQ_BY_CN	NUMBER	[PMMOResult_L3Iu] M1003C10
UIWAGGLAHL26SECCB00HW01QK4	RAB_ASS_SUCC	NUMBER	[PMMOResult_L3Iu] M1003C11
UIXJ0TTAHL26SECCB00HW01QK4	RAB_RECONF_SUCC	NUMBER	[PMMOResult_L3Iu] M1003C12
UIYOHSTAHL26SECCB00HW01QK4	M1003C13	NUMBER	[PMMOResult_L3Iu] M1003C13
UJ0U66PAHL26SECCB00HW01QK4	M1003C14	NUMBER	[PMMOResult_L3Iu] M1003C14
UJ20A2XAHL26SECCB00HW01QK4	M1003C15	NUMBER	[PMMOResult_L3Iu] M1003C15
UJ3AGOTAHL26SECCB00HW01QK4	M1003C16	NUMBER	[PMMOResult_L3Iu] M1003C16
UJ4I5IXAHL26SECCB00HW01QK4	M1003C17	NUMBER	[PMMOResult_L3Iu] M1003C17
UJ5Q15TAHL26SECCB00HW01QK4	M1003C18	NUMBER	[PMMOResult_L3Iu] M1003C18
UJ6XP2TAHL26SECCB00HW01QK4	M1003C19	NUMBER	[PMMOResult_L3Iu] M1003C19
UJBEAW2AHL26SECCB00HW01QK4	M1003C20	NUMBER	[PMMOResult_L3Iu] M1003C20
UJCKYKTAHL26SECCB00HW01QK4	M1003C21	NUMBER	[PMMOResult_L3Iu] M1003C21
UJDPPQHAHL26SECCB00HW01QK4	M1003C22	NUMBER	[PMMOResult_L3Iu] M1003C22
UJEU0LTAHL26SECCB00HW01QK4	M1003C23	NUMBER	[PMMOResult_L3Iu] M1003C23

UJG2QYTAHL26SECCB00HW01QK4	M1003C24	NUMBER	[PMMOResult_L3Iu] M1003C24
UJHD2KLAHL26SECCB00HW01QK4	M1003C25	NUMBER	[PMMOResult_L3Iu] M1003C25
UJIJRMPAHL26SECCB00HW01QK4	RAB_REL_SUCC	NUMBER	[PMMOResult_L3Iu] M1003C26
UJJQTR2AHL26SECCB00HW01QK4	RAB_REL_NONSUCC	NUMBER	[PMMOResult_L3Iu] M1003C27
UJKXVCPAHL26SECCB00HW01QK4	RAB_REL_REQ_BY_RNC	NUMBER	[PMMOResult_L3Iu] M1003C28
UJM6246AHL26SECCB00HW01QK4	M1003C29	NUMBER	[PMMOResult_L3Iu] M1003C29
UJNEGPDAHL26SECCB00HW01QK4	M1003C30	NUMBER	[PMMOResult_L3Iu] M1003C30
UJOJ026AHL26SECCB00HW01QK4	RAB_REL_REQ_DUE_TO_NAS_CAUSE	NUMBER	[PMMOResult_L3Iu] M1003C31
UJPS5TXAHL26SECCB00HW01QK4	RAB_REL_REQ_DUE_TO_PROT_CAUSE	NUMBER	[PMMOResult_L3Iu] M1003C32
UJRFG36AHL26SECCB00HW01QK4	RAB_REL_REQ_DUE_TO_MISC_CAUSE	NUMBER	[PMMOResult_L3Iu] M1003C33
UJSOE1DAHL26SECCB00HW01QK4	M1003C34	NUMBER	[PMMOResult_L3Iu] M1003C34
UJTWAHDAHL26SECCB00HW01QK4	RAB_REL_REQ_BY_RNC_DUE_TO_ANCH	NUMBER	[PMMOResult_L3Iu] M1003C35
UJV4FK2AHL26SECCB00HW01QK4	REC_PAG_MSG	NUMBER	[PMMOResult_L3Iu] M1003C36
UJWCQVXAHL26SECCB00HW01QK4	NBR_OF_REC_LOC_REP_CONTR	NUMBER	[PMMOResult_L3Iu] M1003C37
UJXHLDXAHL26SECCB00HW01QK4	NBR_OF_SENT_LOC_REP	NUMBER	[PMMOResult_L3Iu] M1003C38

This edition applies to IBM® Tivoli® Netcool® Performance Manager for Wireless and to all subsequent releases and modifications until otherwise indicated in new editions.

UJYMDFPAHL26SECCB00HW01QK4	NBR_OF_SENT_OVER_CONT	NUMBER	[PMMOResult_L3Iu] M1003C39
UK0RF1DAHL26SECCB00HW01QK4	NBR_OF_REC_OVER_CONT	NUMBER	[PMMOResult_L3Iu] M1003C40
UK201I6AHL26SECCB00HW01QK4	NBR_OF_SENT_RESET	NUMBER	[PMMOResult_L3Iu] M1003C41
UK3AC1XAHL26SECCB00HW01QK4	NBR_OF_REC_RESET	NUMBER	[PMMOResult_L3Iu] M1003C42
UK4H1RHAHL26SECCB00HW01QK4	NBR_OF_SENT_RESET_ACK	NUMBER	[PMMOResult_L3Iu] M1003C43
UK5PNCLAHL26SECCB00HW01QK4	NBR_OF_REC_RESET_ACK	NUMBER	[PMMOResult_L3Iu] M1003C44
UK6X0F2AHL26SECCB00HW01QK4	NBR_OF_SENT_ERROR_IND	NUMBER	[PMMOResult_L3Iu] M1003C45
UKB5NRTAHL26SECCB00HW01QK4	NBR_OF_REC_ERROR_IND	NUMBER	[PMMOResult_L3Iu] M1003C46
X4IQMQ6AFQ2AHDVUJ02UAUIBEV	M1003C52	NUMBER	[PMMOResult_L3Iu] M1003C52
X4IQMQBAFQ2AHDVUJ02UAUIBEV	M1003C53	NUMBER	[PMMOResult_L3Iu] M1003C53
X4IQMQDAFQ2AHDVUJ02UAUIBEV	M1003C54	NUMBER	[PMMOResult_L3Iu] M1003C54
X4IQMQFAFQ2AHDVUJ02UAUIBEV	M1003C55	NUMBER	[PMMOResult_L3Iu] M1003C55
X4IQMQHAFQ2AHDVUJ02UAUIBEV	M1003C56	NUMBER	[PMMOResult_L3Iu] M1003C56
X4IQMQJAFQ2AHDVUJ02UAUIBEV	M1003C57	NUMBER	[PMMOResult_L3Iu] M1003C57
X4IQMQLAFQ2AHDVUJ02UAUIBEV	M1003C58	NUMBER	[PMMOResult_L3Iu] M1003C58

7.36.75NOK_NKRNC_RANMOBSHO_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
BSC_ID		VARCHAR2(50)	[PMMOResult_Soft_Handover_RNC] RNC

TSTAMP		DATE	
INSTANCE_ID		NUMBER	
TA2QYTHAHL26SECCB00HW01QK4	SOFT_HANDOVER_OVERHEAD_AREA	FLOAT	[PMMOResult_Soft_Handover_RNC] if ((M1007C0+M1007C19) + (M1007C1+M1007C20)/2+ (M1007C2+M1007C21)/3) = 0 then 0 else ((M1007C0+M1007C19 + M1007C1+M1007C20 + M1007C2+M1007C21) / ((M1007C0+M1007C19) + (M1007C1+M1007C20)/2+ (M1007C2+M1007C21)/3) - 1) *100

7.36.76NOK_NKRNC_RBACTFLPS_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
BSC_ID		VARCHAR2(50)	[PMMOResult_Service_Level_0] RNC
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
X4IQMPJAFQ2AHDVUJ02UAUIBEV	M1001C593	NUMBER	[PMMOResult_Service_Level_0] M1001C593
X4IQMPLAFQ2AHDVUJ02UAUIBEV	M1001C594	NUMBER	[PMMOResult_Service_Level_0] M1001C594

7.36.77NOK_NKRNC_RBACTFLPSDAT_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
BSC_ID		VARCHAR2(50)	[PMMOResult_Service_Level_0] RNC
TSTAMP		DATE	

This edition applies to IBM® Tivoli® Netcool® Performance Manager for Wireless and to all subsequent releases and modifications until otherwise indicated in new editions.

INSTANCE_ID		NUMBER	
TEKBIRHAHL26SECCB00HW01QK4	M1001C173_R	NUMBER	[PMMOResult_Service_Level_0] M1001C173
TELGJCHAHL26SECCB00HW01QK4	M1001C174_R	NUMBER	[PMMOResult_Service_Level_0] M1001C174
TEMLMMTAHL26SECCB00HW01QK4	M1001C175_R	NUMBER	[PMMOResult_Service_Level_0] M1001C175
TENU0JXAHL26SECCB00HW01QK4	M1001C176_R	NUMBER	[PMMOResult_Service_Level_0] M1001C176
TEP0CCPAHL26SECCB00HW01QK4	M1001C177_R	NUMBER	[PMMOResult_Service_Level_0] M1001C177
TEQ20WTAHL26SECCB00HW01QK4	M1001C178_R	NUMBER	[PMMOResult_Service_Level_0] M1001C178
TER6TRHAHL26SECCB00HW01QK4	M1001C179_R	NUMBER	[PMMOResult_Service_Level_0] M1001C179
TESEIU6AHL26SECCB00HW01QK4	M1001C180_R	NUMBER	[PMMOResult_Service_Level_0] M1001C180
TETJLN2AHL26SECCB00HW01QK4	M1001C181_R	NUMBER	[PMMOResult_Service_Level_0] M1001C181
TEUP21DAHL26SECCB00HW01QK4	M1001C182_R	NUMBER	[PMMOResult_Service_Level_0] M1001C182
TEVTBVHAHL26SECCB00HW01QK4	M1001C183_R	NUMBER	[PMMOResult_Service_Level_0] M1001C183
TEWXQJDAHL26SECCB00HW01QK4	M1001C184_R	NUMBER	[PMMOResult_Service_Level_0] M1001C184
TEY3DXLAHL26SECCB00HW01QK4	M1001C185_R	NUMBER	[PMMOResult_Service_Level_0] M1001C185
TF0611PAHL26SECCB00HW01QK4	M1001C186_R	NUMBER	[PMMOResult_Service_Level_0] M1001C186
TF1E6Q2AHL26SECCB00HW01QK4	M1001C187_R	NUMBER	[PMMOResult_Service_Level_0] M1001C187
TF2J0GXAHL26SECCB00HW01QK4	M1001C188_R	NUMBER	[PMMOResult_Service_Level_0] M1001C188
TF3NPFTAHL26SECCB00HW01QK4	M1001C189_R	NUMBER	[PMMOResult_Service_Level_0] M1001C189

TF4RU6XAHL26SECCB00HW01QK4	M1001C190_R	NUMBER	[PMMOResult_Service_Level_0] M1001C190
TF5UEKPAHL26SECCB00HW01QK4	M1001C191_R	NUMBER	[PMMOResult_Service_Level_0] M1001C191
TFA0IGLAHL26SECCB00HW01QK4	M1001C192_R	NUMBER	[PMMOResult_Service_Level_0] M1001C192
TFB5NO6AHL26SECCB00HW01QK4	M1001C193_R	NUMBER	[PMMOResult_Service_Level_0] M1001C193
TFCACUTAHL26SECCB00HW01QK4	M1001C194_R	NUMBER	[PMMOResult_Service_Level_0] M1001C194
TFDRP1HAHL26SECCB00HW01QK4	M1001C195_R	NUMBER	[PMMOResult_Service_Level_0] M1001C195
TFEXCADAHL26SECCB00HW01QK4	M1001C196_R	NUMBER	[PMMOResult_Service_Level_0] M1001C196
TFG11K2AHL26SECCB00HW01QK4	M1001C395_R	NUMBER	[PMMOResult_Service_Level_0] M1001C395
TFH6DFDAHL26SECCB00HW01QK4	M1001C396_R	NUMBER	[PMMOResult_Service_Level_0] M1001C396
TFIEY62AHL26SECCB00HW01QK4	M1001C397_R	NUMBER	[PMMOResult_Service_Level_0] M1001C397
TFJJO2HAHL26SECCB00HW01QK4	M1001C398_R	NUMBER	[PMMOResult_Service_Level_0] M1001C398

7.36.78NOK_NKRNC_RNAP_ST_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
BSC_ID		VARCHAR2(50)	[PMMOResult_L3Iu] RNC
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
UKCMP2HAHL26SECCB00H	M1003C47	NUMBER	[PMMOResult_L3Iu]

This edition applies to IBM® Tivoli® Netcool® Performance Manager for Wireless and to all subsequent releases and modifications until otherwise indicated in new editions.

W01QK4			M1003C47
UKDUXEHAHL26SECCB00HW01QK4	M1003C48	NUMBER	[PMMOResult_L3Iu] M1003C48
UKF412XAHL26SECCB00HW01QK4	CN_INVOKE_TRACE_MESSAGES	NUMBER	[PMMOResult_L3Iu] M1003C50
UKGEPYTAHL26SECCB00HW01QK4	M1003C51	NUMBER	[PMMOResult_L3Iu] M1003C51

7.36.79NOK_NKRNC_RRCRADBEASET_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
BSC_ID		VARCHAR2(50)	[PMMOResult_RRC_0] RNC
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
W2CVNMXDNQ2AICSDB02UAXYBDK	M1006C149	NUMBER	[PMMOResult_RRC_0] M1006C149
W2CVNN0DNQ2AICSDB02UAXYBDK	M1006C150	NUMBER	[PMMOResult_RRC_0] M1006C150
W2CVNPNDNQ2AICSDB02UAXYBDK	M1006C192	NUMBER	[PMMOResult_RRC_0] M1006C192
W2CVNPPDNQ2AICSDB02UAXYBDK	M1006C193	NUMBER	[PMMOResult_RRC_0] M1006C193

7.36.80NOK_NKRNC_RSPCALLOC_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
BSC_ID		VARCHAR2(50)	[PMMOResult_Relocation_ISHO] RNC
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
UMOVIIL1IM2AHSXR0035XKCUAI	M1009C26	NUMBER	[PMMOResult_Relocation_ISHO] M1009C26
UMOVIIN1IM2AHSXR0035XKCUAI	M1009C27	NUMBER	[PMMOResult_Relocation_ISHO] M1009C27

UMOVIIP1IM2AHSXR0035 XKCUAI	M1009C28	NUMBER	[PMMOResult_Relocation_ISH O] M1009C28
UMOVIIR1IM2AHSXR0035 XKCUAI	M1009C29	NUMBER	[PMMOResult_Relocation_ISH O] M1009C29
UMOVIIT1IM2AHSXR0035 XKCUAI	M1009C30	NUMBER	[PMMOResult_Relocation_ISH O] M1009C30
UMOVIIV1IM2AHSXR0035 XKCUAI	M1009C31	NUMBER	[PMMOResult_Relocation_ISH O] M1009C31
UMOVIIX1IM2AHSXR0035 XKCUAI	M1009C32	NUMBER	[PMMOResult_Relocation_ISH O] M1009C32
UMOVIJ01IM2AHSXR0035 XKCUAI	M1009C33	NUMBER	[PMMOResult_Relocation_ISH O] M1009C33
UMOVIJ21IM2AHSXR0035 XKCUAI	M1009C34	NUMBER	[PMMOResult_Relocation_ISH O] M1009C34
UMOVIJ41IM2AHSXR0035 XKCUAI	M1009C35	NUMBER	[PMMOResult_Relocation_ISH O] M1009C35
UMOVIJ61IM2AHSXR0035 XKCUAI	M1009C36	NUMBER	[PMMOResult_Relocation_ISH O] M1009C36
UMOVIJB1IM2AHSXR0035 XKCUAI	M1009C37	NUMBER	[PMMOResult_Relocation_ISH O] M1009C37
UMOVIJD1IM2AHSXR0035 XKCUAI	M1009C38	NUMBER	[PMMOResult_Relocation_ISH O] M1009C38
UMOVIJF1IM2AHSXR0035 XKCUAI	M1009C39	NUMBER	[PMMOResult_Relocation_ISH O] M1009C39
UMOVIJH1IM2AHSXR0035 XKCUAI	M1009C40	NUMBER	[PMMOResult_Relocation_ISH O] M1009C40
UMOVIJJ1IM2AHSXR0035 XKCUAI	M1009C41	NUMBER	[PMMOResult_Relocation_ISH O] M1009C41
UMOVIJL1IM2AHSXR0035 XKCUAI	M1009C42	NUMBER	[PMMOResult_Relocation_ISH O] M1009C42
UMOVIJN1IM2AHSXR0035	M1009C43	NUMBER	[PMMOResult_Relocation_ISH

This edition applies to IBM® Tivoli® Netcool® Performance Manager for Wireless and to all subsequent releases and modifications until otherwise indicated in new editions.

XKCUAI			O] M1009C43
UMOVIJP1IM2AHSXR0035XKCUAI	M1009C44	NUMBER	[PMMOResult_Relocation_ISHO] M1009C44
UMOVIJR1IM2AHSXR0035XKCUAI	M1009C45	NUMBER	[PMMOResult_Relocation_ISHO] M1009C45
UMOVIJT1IM2AHSXR0035XKCUAI	M1009C46	NUMBER	[PMMOResult_Relocation_ISHO] M1009C46
UMOVIJV1IM2AHSXR0035XKCUAI	M1009C47	NUMBER	[PMMOResult_Relocation_ISHO] M1009C47
UMOVIJX1IM2AHSXR0035XKCUAI	M1009C48	NUMBER	[PMMOResult_Relocation_ISHO] M1009C48
UMOVIK01IM2AHSXR0035XKCUAI	M1009C49	NUMBER	[PMMOResult_Relocation_ISHO] M1009C49

7.36.81NOK_NKRNC_RSPCCCLCN_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
BSC_ID		VARCHAR2(50)	[PMMOResult_Relocation_ISHO] RNC
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
UMOVIK21IM2AHSXR0035XKCUAI	M1009C66	NUMBER	[PMMOResult_Relocation_ISHO] M1009C66
UMOVIK41IM2AHSXR0035XKCUAI	M1009C67	NUMBER	[PMMOResult_Relocation_ISHO] M1009C67
UMOVIK61IM2AHSXR0035XKCUAI	M1009C68	NUMBER	[PMMOResult_Relocation_ISHO] M1009C68
UMOVIKB1IM2AHSXR0035XKCUAI	M1009C69	NUMBER	[PMMOResult_Relocation_ISHO] M1009C69
UMOVIKD1IM2AHSXR0035XKCUAI	M1009C70	NUMBER	[PMMOResult_Relocation_ISHO] M1009C70
UMOVIKF1IM2AHSXR0035XKCUAI	M1009C71	NUMBER	[PMMOResult_Relocation_ISHO] M1009C71
UMOVIKH1IM2AHSXR0035XKCUAI	M1009C72	NUMBER	[PMMOResult_Relocation_ISHO] M1009C72

UMOVIKJ1IM2AHSXR0035XKCUAI	M1009C73	NUMBER	[PMMOResult_Relocation_ISHO] M1009C73

7.36.82NOK_NKRNC_RSPCCCLMITGT_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
BSC_ID		VARCHAR2(50)	[PMMOResult_Relocation_ISHO] RNC
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
UMOVILL1IM2AHSXR0035XKCUAI	M1009C74	NUMBER	[PMMOResult_Relocation_ISHO] M1009C74
UMOVILN1IM2AHSXR0035XKCUAI	M1009C75	NUMBER	[PMMOResult_Relocation_ISHO] M1009C75
UMOVILP1IM2AHSXR0035XKCUAI	M1009C76	NUMBER	[PMMOResult_Relocation_ISHO] M1009C76
UMOVILR1IM2AHSXR0035XKCUAI	M1009C77	NUMBER	[PMMOResult_Relocation_ISHO] M1009C77
UMOVILT1IM2AHSXR0035XKCUAI	M1009C78	NUMBER	[PMMOResult_Relocation_ISHO] M1009C78
UMOVILV1IM2AHSXR0035XKCUAI	M1009C79	NUMBER	[PMMOResult_Relocation_ISHO] M1009C79

7.36.83NOK_NKRNC_RSPCCCLMSC_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
BSC_ID		VARCHAR2(50)	[PMMOResult_Relocation_ISHO] RNC
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
UMOVIKL1IM2AHSXR0035	M1009C50	NUMBER	[PMMOResult_Relocation_IS

This edition applies to IBM® Tivoli® Netcool® Performance Manager for Wireless and to all subsequent releases and modifications until otherwise indicated in new editions.

XKCUAI			HO] M1009C50
UMOVIKN1IM2AHSXR0035XKCUAI	M1009C51	NUMBER	[PMMOResult_Relocation_ISHO] M1009C51
UMOVIKP1IM2AHSXR0035XKCUAI	M1009C52	NUMBER	[PMMOResult_Relocation_ISHO] M1009C52
UMOVIKR1IM2AHSXR0035XKCUAI	M1009C53	NUMBER	[PMMOResult_Relocation_ISHO] M1009C53
UMOVIKT1IM2AHSXR0035XKCUAI	M1009C54	NUMBER	[PMMOResult_Relocation_ISHO] M1009C54
UMOVIKV1IM2AHSXR0035XKCUAI	M1009C55	NUMBER	[PMMOResult_Relocation_ISHO] M1009C55
UMOVIKX1IM2AHSXR0035XKCUAI	M1009C56	NUMBER	[PMMOResult_Relocation_ISHO] M1009C56
UMOVIL01IM2AHSXR0035XKCUAI	M1009C57	NUMBER	[PMMOResult_Relocation_ISHO] M1009C57

7.36.84NOK_NKRNC_RSPCCCLSGSN_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
BSC_ID		VARCHAR2(50)	[PMMOResult_Relocation_ISHO] RNC
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
UMOVIL21IM2AHSXR0035XKCUAI	M1009C58	NUMBER	[PMMOResult_Relocation_ISHO] M1009C58
UMOVIL41IM2AHSXR0035XKCUAI	M1009C59	NUMBER	[PMMOResult_Relocation_ISHO] M1009C59
UMOVIL61IM2AHSXR0035XKCUAI	M1009C60	NUMBER	[PMMOResult_Relocation_ISHO] M1009C60
UMOVILB1IM2AHSXR0035XKCUAI	M1009C61	NUMBER	[PMMOResult_Relocation_ISHO] M1009C61
UMOVILD1IM2AHSXR0035XKCUAI	M1009C62	NUMBER	[PMMOResult_Relocation_ISHO] M1009C62
UMOVILF1IM2AHSXR0035XKCUAI	M1009C63	NUMBER	[PMMOResult_Relocation_ISHO] M1009C63

UMOVILH1IM2AHSXR0035XKCUAI	M1009C64	NUMBER	[PMMOResult_Relocation_ISHO] M1009C64
UMOVILJ1IM2AHSXR0035XKCUAI	M1009C65	NUMBER	[PMMOResult_Relocation_ISHO] M1009C65

7.36.85NOK_NKRNC_RSPCPREP_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
BSC_ID		VARCHAR2(50)	[PMMOResult_Relocation_ISHO] RNC
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
UMOVILX1IM2AHSXR0035XKCUAI	M1009C2	NUMBER	[PMMOResult_Relocation_ISHO] M1009C2
UMOVIM01IM2AHSXR0035XKCUAI	M1009C3	NUMBER	[PMMOResult_Relocation_ISHO] M1009C3
UMOVIM21IM2AHSXR0035XKCUAI	M1009C4	NUMBER	[PMMOResult_Relocation_ISHO] M1009C4
UMOVIM41IM2AHSXR0035XKCUAI	M1009C5	NUMBER	[PMMOResult_Relocation_ISHO] M1009C5
UMOVIM61IM2AHSXR0035XKCUAI	M1009C6	NUMBER	[PMMOResult_Relocation_ISHO] M1009C6
UMOVIMB1IM2AHSXR0035XKCUAI	M1009C7	NUMBER	[PMMOResult_Relocation_ISHO] M1009C7
UMOVIMD1IM2AHSXR0035XKCUAI	M1009C8	NUMBER	[PMMOResult_Relocation_ISHO] M1009C8
UMOVIMF1IM2AHSXR0035XKCUAI	M1009C9	NUMBER	[PMMOResult_Relocation_ISHO] M1009C9
UMOVIMH1IM2AHSXR0035XKCUAI	M1009C10	NUMBER	[PMMOResult_Relocation_ISHO] M1009C10
UMOVIMJ1IM2AHSXR0035	M1009C11	NUMBER	[PMMOResult_Relocation_IS

This edition applies to IBM® Tivoli® Netcool® Performance Manager for Wireless and to all subsequent releases and modifications until otherwise indicated in new editions.

XKCUAI			HO] M1009C11
UMOVIML1IM2AHSXR0035XKCUAI	M1009C12	NUMBER	[PMMOResult_Relocation_ISHO] M1009C12
UMOVIMN1IM2AHSXR0035XKCUAI	M1009C13	NUMBER	[PMMOResult_Relocation_ISHO] M1009C13
UMOVIMP1IM2AHSXR0035XKCUAI	M1009C14	NUMBER	[PMMOResult_Relocation_ISHO] M1009C14
UMOVIMR1IM2AHSXR0035XKCUAI	M1009C15	NUMBER	[PMMOResult_Relocation_ISHO] M1009C15
UMOVIMT1IM2AHSXR0035XKCUAI	M1009C16	NUMBER	[PMMOResult_Relocation_ISHO] M1009C16
UMOVIMV1IM2AHSXR0035XKCUAI	M1009C17	NUMBER	[PMMOResult_Relocation_ISHO] M1009C17
UMOVIMX1IM2AHSXR0035XKCUAI	M1009C18	NUMBER	[PMMOResult_Relocation_ISHO] M1009C18
UMOVIN01IM2AHSXR0035XKCUAI	M1009C19	NUMBER	[PMMOResult_Relocation_ISHO] M1009C19
UMOVIN21IM2AHSXR0035XKCUAI	M1009C20	NUMBER	[PMMOResult_Relocation_ISHO] M1009C20
UMOVIN41IM2AHSXR0035XKCUAI	M1009C21	NUMBER	[PMMOResult_Relocation_ISHO] M1009C21
UMOVIN61IM2AHSXR0035XKCUAI	M1009C22	NUMBER	[PMMOResult_Relocation_ISHO] M1009C22
UMOVINB1IM2AHSXR0035XKCUAI	M1009C23	NUMBER	[PMMOResult_Relocation_ISHO] M1009C23
UMOVIND1IM2AHSXR0035XKCUAI	M1009C24	NUMBER	[PMMOResult_Relocation_ISHO] M1009C24
UMOVINF1IM2AHSXR0035XKCUAI	M1009C25	NUMBER	[PMMOResult_Relocation_ISHO] M1009C25

7.36.86NOK_NKRNC_SABP_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
BSC_ID		VARCHAR2(50)	[PMMOResult_RNC_Service_Area_Broadcast] RNC

TSTAMP		DATE	
INSTANCE_ID		NUMBER	
UKIW1BDAHL26SECCB00HW01QK4	WRITE_REPLACE_MSG_FROM_CBC	NUMBER	[PMMOResult_RNC_Service_Area_Broadcast] M1012C0
UKK4L06AHL26SECCB00HW01QK4	M1012C1	NUMBER	[PMMOResult_RNC_Service_Area_Broadcast] M1012C1
UKLF6XHAHL26SECCB00HW01QK4	RESTART_MSG_TO_CBC	NUMBER	[PMMOResult_RNC_Service_Area_Broadcast] M1012C10
UKMK5TXAHL26SECCB00HW01QK4	FAILURE_MSG_TO_CBC	NUMBER	[PMMOResult_RNC_Service_Area_Broadcast] M1012C11
UKNXLU6AHL26SECCB00HW01QK4	ERROR_INDICATION_MSG_TO_CBC	NUMBER	[PMMOResult_RNC_Service_Area_Broadcast] M1012C12
UKP56PPAHL26SECCB00HW01QK4	NBR_KILL_MSG_REC_CBC	NUMBER	[PMMOResult_RNC_Service_Area_Broadcast] M1012C2
UKQFX16AHL26SECCB00HW01QK4	NBR_KILL_COMP_MSG_SENT_CBC	NUMBER	[PMMOResult_RNC_Service_Area_Broadcast] M1012C3
UKRSQ56AHL26SECCB00HW01QK4	M1012C4	NUMBER	[PMMOResult_RNC_Service_Area_Broadcast] M1012C4
UKT15ETAHL26SECCB00HW01QK4	M1012C5	NUMBER	[PMMOResult_RNC_Service_Area_Broadcast] M1012C5
UKUACXLAHL26SECCB00HW01QK4	LOAD_QUERY_MSG_FROM_CBC	NUMBER	[PMMOResult_RNC_Service_Area_Broadcast] M1012C6
UKVJ522AHL26SECCB00HW01QK4	LOAD_QUERY_COMPLETE_MSG_TO_CBC	NUMBER	[PMMOResult_RNC_Service_Area_Broadcast] M1012C7
UKWRVPXAHL26SECCB00HW01QK4	RESET_MSG_FROM_CBC	NUMBER	[PMMOResult_RNC_Service_Area_Broadcast] M1012C8
UKY0QFXAHL26SECCB00HW01QK4	RESET_COMPLETE_MSG_TO_CBC	NUMBER	[PMMOResult_RNC_Service_Area_Broadcast] M1012C9

This edition applies to IBM® Tivoli® Netcool® Performance Manager for Wireless and to all subsequent releases and modifications until otherwise indicated in new editions.

7.36.87NOK_NKRNC_SOFHONRT_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
BSC_ID		VARCHAR2(50)	[PMMOResult_Soft_Handover_RNC] RNC
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
UAQAD521IM2AHSXR0035XKCUAI	M1007C63	NUMBER	[PMMOResult_Soft_Handover_RNC] M1007C63
UAQAD541IM2AHSXR0035XKCUAI	M1007C64	NUMBER	[PMMOResult_Soft_Handover_RNC] M1007C64
UAQAD561IM2AHSXR0035XKCUAI	M1007C65	NUMBER	[PMMOResult_Soft_Handover_RNC] M1007C65
UL0C3GDAHL26SECCB00HW01QK4	M1007C19	NUMBER	[PMMOResult_Soft_Handover_RNC] M1007C19
UL1JLDHAHL26SECCB00HW01QK4	M1007C20	NUMBER	[PMMOResult_Soft_Handover_RNC] M1007C20
UL2P6T6AHL26SECCB00HW01QK4	M1007C21	NUMBER	[PMMOResult_Soft_Handover_RNC] M1007C21
UL3THQPAHL26SECCB00HW01QK4	M1007C22	NUMBER	[PMMOResult_Soft_Handover_RNC] M1007C22
UL533T2AHL26SECCB00HW01QK4	M1007C23	NUMBER	[PMMOResult_Soft_Handover_RNC] M1007C23
UL6E05TAHL26SECCB00HW01QK4	M1007C24	NUMBER	[PMMOResult_Soft_Handover_RNC] M1007C24
ULALT26AHL26SECCB00HW01QK4	M1007C25	NUMBER	[PMMOResult_Soft_Handover_RNC] M1007C25
ULBSTG2AHL26SECCB00HW01QK4	M1007C26	NUMBER	[PMMOResult_Soft_Handover_RNC] M1007C26
ULD0CBLAHL26SECCB00HW01QK4	M1007C27	NUMBER	[PMMOResult_Soft_Handover_RNC] M1007C27
ULE5E0XAHL26SECCB00HW01QK4	M1007C28	NUMBER	[PMMOResult_Soft_Handover_RNC] M1007C28
ULFG6OLAHL26SECCB00HW01QK4	M1007C29	NUMBER	[PMMOResult_Soft_Handover_RNC] M1007C29

ULGNUQLAHL26SECCB00H W01QK4	M1007C30	NUMBER	[PMMOResult_Soft_Handover _RNC] M1007C30
ULHVDG6AHL26SECCB00H W01QK4	M1007C31	NUMBER	[PMMOResult_Soft_Handover _RNC] M1007C31
ULJ3VPHAHL26SECCB00H W01QK4	M1007C32	NUMBER	[PMMOResult_Soft_Handover _RNC] M1007C32
ULKCWQHAHL26SECCB00 HW01QK4	M1007C33	NUMBER	[PMMOResult_Soft_Handover _RNC] M1007C33
ULLJWQPAHL26SECCB00H W01QK4	M1007C34	NUMBER	[PMMOResult_Soft_Handover _RNC] M1007C34
ULMR6YLAHL26SECCB00H W01QK4	M1007C35	NUMBER	[PMMOResult_Soft_Handover _RNC] M1007C35
ULNWITTAHL26SECCB00H W01QK4	M1007C37	NUMBER	[PMMOResult_Soft_Handover _RNC] M1007C37

7.36.88NOK_NKRNC_SOHORT_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
BSC_ID		VARCHA R2(50)	[PMMOResult_Soft_Handover _RNC] RNC
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
ULP1VY6AHL26SECCB00H W01QK4	M1007C0	NUMBER	[PMMOResult_Soft_Handover _RNC] M1007C0
ULQAUCXAHL26SECCB00H W01QK4	M1007C1	NUMBER	[PMMOResult_Soft_Handover _RNC] M1007C1
ULRGLKTAHL26SECCB00H W01QK4	M1007C2	NUMBER	[PMMOResult_Soft_Handover _RNC] M1007C2
ULSLK0LAHL26SECCB00H W01QK4	M1007C3	NUMBER	[PMMOResult_Soft_Handover _RNC] M1007C3
ULTQUXPAHL26SECCB00H	M1007C4	NUMBER	[PMMOResult_Soft_Handover

This edition applies to IBM® Tivoli® Netcool® Performance Manager for Wireless and to all subsequent releases and modifications until otherwise indicated in new editions.

W01QK4			_RNC] M1007C4
ULV2EEXAHL26SECCB00H W01QK4	M1007C5	NUMBER	[PMMOResult_Soft_Handover _RNC] M1007C5
ULWBE5LAHL26SECCB00H W01QK4	M1007C6	NUMBER	[PMMOResult_Soft_Handover _RNC] M1007C6
ULXGLRTAHL26SECCB00H W01QK4	M1007C7	NUMBER	[PMMOResult_Soft_Handover _RNC] M1007C7
ULYM4VDAHL26SECCB00H W01QK4	M1007C8	NUMBER	[PMMOResult_Soft_Handover _RNC] M1007C8
UM0QPYHAHL26SECCB00H W01QK4	M1007C9	NUMBER	[PMMOResult_Soft_Handover _RNC] M1007C9
UM1VQNTAHL26SECCB00H W01QK4	M1007C10	NUMBER	[PMMOResult_Soft_Handover _RNC] M1007C10
UM30GWXAHL26SECCB00 HW01QK4	M1007C11	NUMBER	[PMMOResult_Soft_Handover _RNC] M1007C11
UM42YFXAHL26SECCB00H W01QK4	M1007C12	NUMBER	[PMMOResult_Soft_Handover _RNC] M1007C12
UM5BPKPAHL26SECCB00H W01QK4	M1007C13	NUMBER	[PMMOResult_Soft_Handover _RNC] M1007C13
UM6HKYDAHL26SECCB00 HW01QK4	M1007C14	NUMBER	[PMMOResult_Soft_Handover _RNC] M1007C14
UMANUDLAHL26SECCB00 HW01QK4	M1007C15	NUMBER	[PMMOResult_Soft_Handover _RNC] M1007C15
UMBVPLPAHL26SECCB00H W01QK4	M1007C16	NUMBER	[PMMOResult_Soft_Handover _RNC] M1007C16
UMD1OLXAHL26SECCB00H W01QK4	M1007C17	NUMBER	[PMMOResult_Soft_Handover _RNC] M1007C17
UMECQJ6AHL26SECCB00H W01QK4	M1007C18	NUMBER	[PMMOResult_Soft_Handover _RNC] M1007C18
UMGNHSHAHL26SECCB00 HW01QK4	M1007C36	NUMBER	[PMMOResult_Soft_Handover _RNC] M1007C36

7.36.89NOK_NKRNRNC_PSW_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping

BSC_ID		VARCHAR2(50)	[PMMOResult_Relocation_ISHO] RNC
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
UGPUHP61IM2AHSXR0035XKCUAI	M1009C272	NUMBER	[PMMOResult_Relocation_ISHO] M1009C272
UGPUHPB1IM2AHSXR0035XKCUAI	M1009C273	NUMBER	[PMMOResult_Relocation_ISHO] M1009C273
UGPUHPD1IM2AHSXR0035XKCUAI	M1009C274	NUMBER	[PMMOResult_Relocation_ISHO] M1009C274
UGPUHPF1IM2AHSXR0035XKCUAI	M1009C275	NUMBER	[PMMOResult_Relocation_ISHO] M1009C275

7.36.90NOK_RNC_RLCRETX_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
BSC_ID		VARCHAR2(50)	[PMMOResult_RCPM_RLC_RNC] RNC
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
XJVHE3TDMM2AICSD002UAXYBDK	M1027C44	NUMBER	[PMMOResult_RCPM_RLC_RNC] M1027C44
XJVHE3VDMM2AICSD002UAXYBDK	M1027C45	NUMBER	[PMMOResult_RCPM_RLC_RNC] M1027C45
XJVHE3XDMM2AICSD002UAXYBDK	M1027C46	NUMBER	[PMMOResult_RCPM_RLC_RNC] M1027C46
XJVHE40DMM2AICSD002UAXYBDK	M1027C47	NUMBER	[PMMOResult_RCPM_RLC_RNC] M1027C47
XJVHE42DMM2AICSD002UAXYBDK	M1027C48	NUMBER	[PMMOResult_RCPM_RLC_RNC] M1027C48
XJVHE44DMM2AICSD002U	M1027C49	NUMBER	[PMMOResult_RCPM_RLC_

This edition applies to IBM® Tivoli® Netcool® Performance Manager for Wireless and to all subsequent releases and modifications until otherwise indicated in new editions.

AXYBDK			RNC] M1027C49

7.36.91NOK_RNC_USRTHRPT_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
BSC_ID		VARCHAR2(50)	[PMMOResult_RCPM_RLC_RNC] RNC
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
XJVHE36DMM2AICSD002UAXYBDK	M1027C34	NUMBER	[PMMOResult_RCPM_RLC_RNC] M1027C34
XJVHE3BDMM2AICSD002UAXYBDK	M1027C35	NUMBER	[PMMOResult_RCPM_RLC_RNC] M1027C35
XJVHE3DDMM2AICSD002UAXYBDK	M1027C36	NUMBER	[PMMOResult_RCPM_RLC_RNC] M1027C36
XJVHE3FDMM2AICSD002UAXYBDK	M1027C37	NUMBER	[PMMOResult_RCPM_RLC_RNC] M1027C37
XJVHE3HDMM2AICSD002UAXYBDK	M1027C38	NUMBER	[PMMOResult_RCPM_RLC_RNC] M1027C38
XJVHE3JDMM2AICSD002UAXYBDK	M1027C39	NUMBER	[PMMOResult_RCPM_RLC_RNC] M1027C39
XJVHE3LDMM2AICSD002UAXYBDK	M1027C40	NUMBER	[PMMOResult_RCPM_RLC_RNC] M1027C40
XJVHE3NDMM2AICSD002UAXYBDK	M1027C41	NUMBER	[PMMOResult_RCPM_RLC_RNC] M1027C41
XJVHE3PDMM2AICSD002UAXYBDK	M1027C42	NUMBER	[PMMOResult_RCPM_RLC_RNC] M1027C42
XJVHE3RDMM2AICSD002UAXYBDK	M1027C43	NUMBER	[PMMOResult_RCPM_RLC_RNC] M1027C43
XJVHE46DMM2AICSD002UAXYBDK	M1027C50	NUMBER	[PMMOResult_RCPM_RLC_RNC] M1027C50
XJVHE4BDMM2AICSD002UAXYBDK	M1027C51	NUMBER	[PMMOResult_RCPM_RLC_RNC] M1027C51
XJVHE4DDMM2AICSD002UAXYBDK	M1027C52	NUMBER	[PMMOResult_RCPM_RLC_RNC] M1027C52

XJVHE4FDMM2AICSD002UAXYBDK	M1027C53	NUMBER	[PMMOResult_RCPM_RLC_RNC] M1027C53
XJVHE4HDMM2AICSD002UAXYBDK	M1027C54	NUMBER	[PMMOResult_RCPM_RLC_RNC] M1027C54
XJVHE4JDMM2AICSD002UAXYBDK	M1027C55	NUMBER	[PMMOResult_RCPM_RLC_RNC] M1027C55
XJVHE4LDMM2AICSD002UAXYBDK	M1027C56	NUMBER	[PMMOResult_RCPM_RLC_RNC] M1027C56
XJVHE4NDMM2AICSD002UAXYBDK	M1027C57	NUMBER	[PMMOResult_RCPM_RLC_RNC] M1027C57

7.36.92NOK_RNCOLPCMEAS_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
BSC_ID		VARCHAR2(50)	[PMMOResult_RCPM_OLPC_RNC] RNC
RADIO_CONNECTION_TYPE_ID		VARCHAR2(100)	[PMMOResult_RCPM_OLPC_RNC] TR_CLASS & ":" & RAB_BR & ":" & RB_BR
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
XJVHDV6DMM2AICSD002UAXYBDK	M1025C0	FLOAT	[PMMOResult_RCPM_OLPC_RNC] M1025C0
XJVHDVBDMM2AICSD002UAXYBDK	M1025C1	NUMBER	[PMMOResult_RCPM_OLPC_RNC] M1025C1
XJVHDVDDMM2AICSD002UAXYBDK	M1025C2	FLOAT	[PMMOResult_RCPM_OLPC_RNC] M1025C2
XJVHDVFDMM2AICSD002UAXYBDK	M1025C3	NUMBER	[PMMOResult_RCPM_OLPC_RNC] M1025C3
XJVHDVHDMM2AICSD002UAXYBDK	M1025C4	NUMBER	[PMMOResult_RCPM_OLPC_RNC] M1025C4

This edition applies to IBM® Tivoli® Netcool® Performance Manager for Wireless and to all subsequent releases and modifications until otherwise indicated in new editions.

XJVHDVJDMM2AICSD002UAXYBDK	M1025C5	NUMBER	[PMMOResult_RCPM_OLPC_RNC] M1025C5
XJVHDVLDMM2AICSD002UAXYBDK	M1025C6	NUMBER	[PMMOResult_RCPM_OLPC_RNC] M1025C6
XJVHDVNDMM2AICSD002UAXYBDK	M1025C7	NUMBER	[PMMOResult_RCPM_OLPC_RNC] M1025C7
XJVHDVPDMM2AICSD002UAXYBDK	M1025C8	FLOAT	[PMMOResult_RCPM_OLPC_RNC] M1025C8
XJVHDVRDMM2AICSD002UAXYBDK	M1025C9	NUMBER	[PMMOResult_RCPM_OLPC_RNC] M1025C9
XJVHDVTDMM2AICSD002UAXYBDK	M1025C10	FLOAT	[PMMOResult_RCPM_OLPC_RNC] M1025C10
XJVHDVVDMM2AICSD002UAXYBDK	M1025C11	NUMBER	[PMMOResult_RCPM_OLPC_RNC] M1025C11
XJVHDVXDMM2AICSD002UAXYBDK	M1025C12	NUMBER	[PMMOResult_RCPM_OLPC_RNC] M1025C12
XJVHDW0DMM2AICSD002UAXYBDK	M1025C13	NUMBER	[PMMOResult_RCPM_OLPC_RNC] M1025C13
XJVHDW2DMM2AICSD002UAXYBDK	M1025C14	NUMBER	[PMMOResult_RCPM_OLPC_RNC] M1025C14
XJVHDW4DMM2AICSD002UAXYBDK	M1025C15	FLOAT	[PMMOResult_RCPM_OLPC_RNC] M1025C15
XJVHDW6DMM2AICSD002UAXYBDK	M1025C16	NUMBER	[PMMOResult_RCPM_OLPC_RNC] M1025C16
XJVHDWBDMM2AICSD002UAXYBDK	M1025C17	NUMBER	[PMMOResult_RCPM_OLPC_RNC] M1025C17
XJVHDWDDMM2AICSD002UAXYBDK	M1025C18	NUMBER	[PMMOResult_RCPM_OLPC_RNC] M1025C18
XJVHDWFDMM2AICSD002UAXYBDK	M1025C19	NUMBER	[PMMOResult_RCPM_OLPC_RNC] M1025C19

7.36.93NOK_RNCRLCMEAS_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
BSC_ID		VARCHAR2(50)	[PMMOResult_RCPM_RLC_RNC] RNC

RADIO_CONNECTION_TYPE_ID		VARCHAR2(100)	[PMMOResult_RCPM_RLC_RNC] TR_CLASS & ":" & RAB_BR & ":" & RB_BR
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
XJVHE12DMM2AICSD002UAXYBDK	M1027C0	NUMBER	[PMMOResult_RCPM_RLC_RNC] M1027C0
XJVHE14DMM2AICSD002UAXYBDK	M1027C1	NUMBER	[PMMOResult_RCPM_RLC_RNC] M1027C1
XJVHE16DMM2AICSD002UAXYBDK	M1027C2	NUMBER	[PMMOResult_RCPM_RLC_RNC] M1027C2
XJVHE1BDMM2AICSD002UAXYBDK	M1027C3	NUMBER	[PMMOResult_RCPM_RLC_RNC] M1027C3
XJVHE1DDMM2AICSD002UAXYBDK	M1027C4	NUMBER	[PMMOResult_RCPM_RLC_RNC] M1027C4
XJVHE1FDMM2AICSD002UAXYBDK	M1027C5	FLOAT	[PMMOResult_RCPM_RLC_RNC] M1027C5
XJVHE1HDMM2AICSD002UAXYBDK	M1027C6	NUMBER	[PMMOResult_RCPM_RLC_RNC] M1027C6
XJVHE1JDMM2AICSD002UAXYBDK	M1027C7	FLOAT	[PMMOResult_RCPM_RLC_RNC] M1027C7
XJVHE1LDMM2AICSD002UAXYBDK	M1027C8	NUMBER	[PMMOResult_RCPM_RLC_RNC] M1027C8
XJVHE1NDMM2AICSD002UAXYBDK	M1027C9	NUMBER	[PMMOResult_RCPM_RLC_RNC] M1027C9
XJVHE1PDMM2AICSD002UAXYBDK	M1027C10	NUMBER	[PMMOResult_RCPM_RLC_RNC] M1027C10
XJVHE1RDMM2AICSD002UAXYBDK	M1027C11	NUMBER	[PMMOResult_RCPM_RLC_RNC] M1027C11
XJVHE1TDMM2AICSD002UAXYBDK	M1027C12	FLOAT	[PMMOResult_RCPM_RLC_RNC] M1027C12

This edition applies to IBM® Tivoli® Netcool® Performance Manager for Wireless and to all subsequent releases and modifications until otherwise indicated in new editions.

XJVHE1VDMM2AICSD002U AXYBDK	M1027C13	FLOAT	[PMMOResult_RCPM_RLC_ RNC] M1027C13
XJVHE1XDMM2AICSD002U AXYBDK	M1027C14	NUMBER	[PMMOResult_RCPM_RLC_ RNC] M1027C14
XJVHE20DMM2AICSD002U AXYBDK	M1027C15	FLOAT	[PMMOResult_RCPM_RLC_ RNC] M1027C15
XJVHE22DMM2AICSD002U AXYBDK	M1027C16	FLOAT	[PMMOResult_RCPM_RLC_ RNC] M1027C16
XJVHE24DMM2AICSD002U AXYBDK	M1027C17	NUMBER	[PMMOResult_RCPM_RLC_ RNC] M1027C17
XJVHE26DMM2AICSD002U AXYBDK	M1027C18	FLOAT	[PMMOResult_RCPM_RLC_ RNC] M1027C18
XJVHE2BDMM2AICSD002U AXYBDK	M1027C19	FLOAT	[PMMOResult_RCPM_RLC_ RNC] M1027C19
XJVHE2DDMM2AICSD002U AXYBDK	M1027C20	FLOAT	[PMMOResult_RCPM_RLC_ RNC] M1027C20
XJVHE2FDMM2AICSD002U AXYBDK	M1027C21	NUMBER	[PMMOResult_RCPM_RLC_ RNC] M1027C21
XJVHE2HDMM2AICSD002U AXYBDK	M1027C22	FLOAT	[PMMOResult_RCPM_RLC_ RNC] M1027C22
XJVHE2JDMM2AICSD002U AXYBDK	M1027C23	FLOAT	[PMMOResult_RCPM_RLC_ RNC] M1027C23
XJVHE2LDMM2AICSD002U AXYBDK	M1027C24	NUMBER	[PMMOResult_RCPM_RLC_ RNC] M1027C24
XJVHE2NDMM2AICSD002U AXYBDK	M1027C25	NUMBER	[PMMOResult_RCPM_RLC_ RNC] M1027C25
XJVHE2PDMM2AICSD002U AXYBDK	M1027C26	NUMBER	[PMMOResult_RCPM_RLC_ RNC] M1027C26
XJVHE2RDMM2AICSD002U AXYBDK	M1027C27	NUMBER	[PMMOResult_RCPM_RLC_ RNC] M1027C27
XJVHE2TDMM2AICSD002U AXYBDK	M1027C28	NUMBER	[PMMOResult_RCPM_RLC_ RNC] M1027C28
XJVHE2VDMM2AICSD002U AXYBDK	M1027C29	NUMBER	[PMMOResult_RCPM_RLC_ RNC] M1027C29
XJVHE2XDMM2AICSD002U	M1027C30	NUMBER	[PMMOResult_RCPM_RLC_

AXYBDK			RNC] M1027C30
XJVHE30DMM2AICSD002U AXYBDK	M1027C31	NUMBER	[PMMOResult_RCPM_RLC_ RNC] M1027C31
XJVHE32DMM2AICSD002U AXYBDK	M1027C32	NUMBER	[PMMOResult_RCPM_RLC_ RNC] M1027C32
XJVHE34DMM2AICSD002U AXYBDK	M1027C33	NUMBER	[PMMOResult_RCPM_RLC_ RNC] M1027C33

7.36.94NOK_RNCRNSAP_RELOC_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
BSC_ID		VARCHA R2(50)	[PMMOResult_Relocation_ISH O] RNC
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
UMOVIIH1IM2AHSXR003 5XKCUAI	M1009C0	NUMBER	[PMMOResult_Relocation_ISH O] M1009C0
UMOVIIJ1IM2AHSXR0035 XKCUAI	M1009C1	NUMBER	[PMMOResult_Relocation_ISH O] M1009C1

7.36.95NOK_RNCSWITCH_IURELRQ_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
BSC_ID		VARCHA R2(50)	[PMMOResult_Relocation_IS HO] RNC
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
UGPUHFJ1IM2AHSXR0035 XKCUAI	M1009C260	NUMBER	[PMMOResult_Relocation_IS HO] M1009C260
UGPUHFL1IM2AHSXR0035 XKCUAI	M1009C261	NUMBER	[PMMOResult_Relocation_IS HO] M1009C261

This edition applies to IBM® Tivoli® Netcool® Performance Manager for Wireless and to all subsequent releases and modifications until otherwise indicated in new editions.

UGPUHFN1IM2AHSXR0035XKCUAI	M1009C262	NUMBER	[PMMOResult_Relocation_ISHO] M1009C262
UGPUHFP1IM2AHSXR0035XKCUAI	M1009C263	NUMBER	[PMMOResult_Relocation_ISHO] M1009C263
UGPUHFR1IM2AHSXR0035XKCUAI	M1009C264	NUMBER	[PMMOResult_Relocation_ISHO] M1009C264
UGPUHFT1IM2AHSXR0035XKCUAI	M1009C265	NUMBER	[PMMOResult_Relocation_ISHO] M1009C265
UGPUHFV1IM2AHSXR0035XKCUAI	M1009C266	NUMBER	[PMMOResult_Relocation_ISHO] M1009C266
UGPUHFX1IM2AHSXR0035XKCUAI	M1009C267	NUMBER	[PMMOResult_Relocation_ISHO] M1009C267
UGPUHG01IM2AHSXR0035XKCUAI	M1009C268	NUMBER	[PMMOResult_Relocation_ISHO] M1009C268
UGPUHG21IM2AHSXR0035XKCUAI	M1009C269	NUMBER	[PMMOResult_Relocation_ISHO] M1009C269
UGPUHG41IM2AHSXR0035XKCUAI	M1009C270	NUMBER	[PMMOResult_Relocation_ISHO] M1009C270
UGPUHG61IM2AHSXR0035XKCUAI	M1009C271	NUMBER	[PMMOResult_Relocation_ISHO] M1009C271

7.36.96NOK_RNINTERRNC_FORWARD_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
BSC_ID		VARCHAR2(50)	[PMMOResult_Relocation_ISHO] RNC
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
UGPUHHT1IM2AHSXR0035XKCUAI	M1009C233	NUMBER	[PMMOResult_Relocation_ISHO] M1009C233
UGPUHHV1IM2AHSXR0035XKCUAI	M1009C234	NUMBER	[PMMOResult_Relocation_ISHO] M1009C234

7.36.97NOK_RNINTERRNC_RELOC_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping

BSC_ID		VARCHAR2(50)	[PMMOResult_Relocation_ISHO] RNC
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
UGPUHK61IM2AHSXR0035XKCUAI	M1009C116	NUMBER	[PMMOResult_Relocation_ISHO] M1009C116
UGPUHKB1IM2AHSXR0035XKCUAI	M1009C117	NUMBER	[PMMOResult_Relocation_ISHO] M1009C117

7.36.98NOK_SCCP_SINGMET_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
BSC_ID		VARCHAR2(50)	[PMMOResult_SCCP_Single_Meters] RNC
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
XPVF05BDMM2AICSD002UAXYBDK	M219B2C1	NUMBER	[PMMOResult_SCCP_Single_Meters] M219B2C1
XPVF05DDMM2AICSD002UAXYBDK	M219B2C2	NUMBER	[PMMOResult_SCCP_Single_Meters] M219B2C2
XPVF05FDMM2AICSD002UAXYBDK	M219B2C3	NUMBER	[PMMOResult_SCCP_Single_Meters] M219B2C3
XPVF05HDMM2AICSD002UAXYBDK	M219B2C4	NUMBER	[PMMOResult_SCCP_Single_Meters] M219B2C4
XPVF05JDMM2AICSD002UAXYBDK	M219B2C5	NUMBER	[PMMOResult_SCCP_Single_Meters] M219B2C5
XPVF05LDMM2AICSD002UAXYBDK	M219B2C6	NUMBER	[PMMOResult_SCCP_Single_Meters] M219B2C6
XPVF05NDMM2AICSD002UAXYBDK	M219B2C7	NUMBER	[PMMOResult_SCCP_Single_Meters] M219B2C7
XPVF05PDMM2AICSD002U	M219B2C8	NUMBER	[PMMOResult_SCCP_Single_

AXYBDK			Meters] M219B2C8
XPVF05RDMM2AICSD002U AXYBDK	M219B2C9	NUMBER	[PMMOResult_SCCP_Single_ Meters] M219B2C9
XPVF05TDMM2AICSD002U AXYBDK	M219B2C10	NUMBER	[PMMOResult_SCCP_Single_ Meters] M219B2C10
XPVF05VDMM2AICSD002U AXYBDK	M219B2C11	NUMBER	[PMMOResult_SCCP_Single_ Meters] M219B2C11
XPVF05XDMM2AICSD002U AXYBDK	M219B2C12	NUMBER	[PMMOResult_SCCP_Single_ Meters] M219B2C12
XPVF060DMM2AICSD002U AXYBDK	M219B2C13	NUMBER	[PMMOResult_SCCP_Single_ Meters] M219B2C13
XPVF062DMM2AICSD002U AXYBDK	M219B2C14	NUMBER	[PMMOResult_SCCP_Single_ Meters] M219B2C14
XPVF064DMM2AICSD002U AXYBDK	M219B2C15	NUMBER	[PMMOResult_SCCP_Single_ Meters] M219B2C15
XPVF066DMM2AICSD002U AXYBDK	M219B2C16	NUMBER	[PMMOResult_SCCP_Single_ Meters] M219B2C16

7.37 Raw SCCP Tables

7.37.1 NOK_SCCP_LOCSUBAVAIL_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
SCCP_ID		VARCHAR2(50)	[PMMOResult_SCCP_Local_ Subsystem_Availability] RNC & "/" & SNET
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
XPVF04XDMM2AICSD002U AXYBDK	M218B2C1	NUMBER	[PMMOResult_SCCP_Local_ Subsystem_Availability] M218B2C1
XPVF050DMM2AICSD002U AXYBDK	M218B2C2	NUMBER	[PMMOResult_SCCP_Local_ Subsystem_Availability] M218B2C2
XPVF052DMM2AICSD002U AXYBDK	M218B2C3	NUMBER	[PMMOResult_SCCP_Local_ Subsystem_Availability]

			M218B2C3
XPVF054DMM2AICSD002UAXYBDK	M218B2C4	NUMBER	[PMMOResult_SCCP_Local_Subsystem_Availability] M218B2C4
XPVF056DMM2AICSD002UAXYBDK	M218B2C5	NUMBER	[PMMOResult_SCCP_Local_Subsystem_Availability] M218B2C5

7.38 Raw SCCP_Subsystem Tables

7.38.1 NOK_SCCP_SUBSYS_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
SCCP_SUBSYSTEM_ID		VARCHAR2(50)	[PMMOResult_SCCP_Subsystem] RNC & "/" & SNET & "/" & SSN & "/" & SS
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
XPVF03JDMM2AICSD002UAXYBDK	M217B2C1	NUMBER	[PMMOResult_SCCP_Subsystem] M217B2C1
XPVF03LDMM2AICSD002UAXYBDK	M217B2C2	NUMBER	[PMMOResult_SCCP_Subsystem] M217B2C2
XPVF03NDMM2AICSD002UAXYBDK	M217B2C3	NUMBER	[PMMOResult_SCCP_Subsystem] M217B2C3
XPVF03PDMM2AICSD002UAXYBDK	M217B2C4	NUMBER	[PMMOResult_SCCP_Subsystem] M217B2C4
XPVF03RDMM2AICSD002UAXYBDK	M217B2C5	NUMBER	[PMMOResult_SCCP_Subsystem] M217B2C5
XPVF03TDMM2AICSD002UAXYBDK	M217B2C6	NUMBER	[PMMOResult_SCCP_Subsystem] M217B2C6
XPVF03VDMM2AICSD002UAXYBDK	M217B2C7	NUMBER	[PMMOResult_SCCP_Subsystem] M217B2C7

XPVF03XDMM2AICSD002UAXYBDK	M217B2C8	NUMBER	[PMMOResult_SCCP_Subsystem] M217B2C8
XPVF040DMM2AICSD002UAXYBDK	M217B2C9	NUMBER	[PMMOResult_SCCP_Subsystem] M217B2C9
XPVF042DMM2AICSD002UAXYBDK	M217B2C10	NUMBER	[PMMOResult_SCCP_Subsystem] M217B2C10
XPVF044DMM2AICSD002UAXYBDK	M217B2C11	NUMBER	[PMMOResult_SCCP_Subsystem] M217B2C11
XPVF046DMM2AICSD002UAXYBDK	M217B2C12	NUMBER	[PMMOResult_SCCP_Subsystem] M217B2C12
XPVF04BDMM2AICSD002UAXYBDK	M217B2C13	NUMBER	[PMMOResult_SCCP_Subsystem] M217B2C13
XPVF04DDMM2AICSD002UAXYBDK	M217B2C14	NUMBER	[PMMOResult_SCCP_Subsystem] M217B2C14
XPVF04FDMM2AICSD002UAXYBDK	M217B2C15	NUMBER	[PMMOResult_SCCP_Subsystem] M217B2C15
XPVF04HDMM2AICSD002UAXYBDK	M217B2C16	NUMBER	[PMMOResult_SCCP_Subsystem] M217B2C16
XPVF04JDMM2AICSD002UAXYBDK	M217B2C17	NUMBER	[PMMOResult_SCCP_Subsystem] M217B2C17
XPVF04LDMM2AICSD002UAXYBDK	M217B2C18	NUMBER	[PMMOResult_SCCP_Subsystem] M217B2C18
XPVF04NDMM2AICSD002UAXYBDK	M217B2C19	NUMBER	[PMMOResult_SCCP_Subsystem] M217B2C19
XPVF04PDMM2AICSD002UAXYBDK	M217B2C20	NUMBER	[PMMOResult_SCCP_Subsystem] M217B2C20
XPVF04RDMM2AICSD002UAXYBDK	M217B2C21	NUMBER	[PMMOResult_SCCP_Subsystem] M217B2C21
XPVF04TDMM2AICSD002UAXYBDK	M217B2C22	NUMBER	[PMMOResult_SCCP_Subsystem] M217B2C22
XPVF04VDMM2AICSD002UAXYBDK	M217B2C23	NUMBER	[PMMOResult_SCCP_Subsystem] M217B2C23

7.39 Raw SDH_Exchange_Terminal Tables

7.39.1 NOK_NKSDHEXT_PROCGP_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
SDH_EXCH_TERM_ID		VARCHAR2(50)	[PMMOResult_Sonet_SDH] RNC & "/" & GROUP_ID
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
UNB4DYHAHL26SECCB00HW01QK4	PROT_GR_PSC	NUMBER	[PMMOResult_Sonet_SDH] M516C0
UNCMSWPAHL26SECCB00HW01QK4	PROT_GR_PSD	NUMBER	[PMMOResult_Sonet_SDH] M516C1

7.39.2 NOK_NKSDHEXT_STM0_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
SDH_EXCH_TERM_ID		VARCHAR2(50)	[PMMOResult_UNIT_INDEX_STM_0_IF] RNC & "/" & UNIT_TYPE & "/" & UNIT_INDEX
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
UMHS2JHAHL26SECCB00HW01QK4	REG_UAS_STM0	NUMBER	[PMMOResult_UNIT_INDEX_STM_0_IF] M515C0
UMIXMSPAHL26SECCB00HW01QK4	REG_BBE_STM0	NUMBER	[PMMOResult_UNIT_INDEX_STM_0_IF] M515C1
UMKA3AHAHL26SECCB00HW01QK4	REG_ES_STM0	NUMBER	[PMMOResult_UNIT_INDEX_STM_0_IF] M515C2
UMLI6EHAHL26SECCB00HW01QK4	REG_SES_STM0	NUMBER	[PMMOResult_UNIT_INDEX_STM_0_IF] M515C3
UMMQPIPAHL26SECCB00HW01QK4	NE_MUX_UAS_STM0	NUMBER	[PMMOResult_UNIT_INDEX_STM_0_IF] M515C4

UMNYVJ6AHL26SECCB00HW01QK4	NE_MUX_BBE_STM0	NUMBER	[PMMOResult_UNIT_INDEX_STM_0_IF] M515C5
UMPB2QLAHL26SECCB00HW01QK4	NE_MUX_ES_STM0	NUMBER	[PMMOResult_UNIT_INDEX_STM_0_IF] M515C6
UMQJDMHAHL26SECCB00HW01QK4	NE_MUX_SES_STM0	NUMBER	[PMMOResult_UNIT_INDEX_STM_0_IF] M515C7
UMRY506AHL26SECCB00HW01QK4	NE_PATH1_UAS_STM0	NUMBER	[PMMOResult_UNIT_INDEX_STM_0_IF] M515C8
UMTAWXDAHL26SECCB00HW01QK4	NE_PATH1_BBE_STM0	NUMBER	[PMMOResult_UNIT_INDEX_STM_0_IF] M515C9
UMUIVH6AHL26SECCB00HW01QK4	NE_PATH1_ES_STM0	NUMBER	[PMMOResult_UNIT_INDEX_STM_0_IF] M515C10
UMVOT5LAHL26SECCB00HW01QK4	NE_PATH1_SES_STM0	NUMBER	[PMMOResult_UNIT_INDEX_STM_0_IF] M515C11
UMWTXRLAHL26SECCB00HW01QK4	FE_MUX_UAS_STM0	NUMBER	[PMMOResult_UNIT_INDEX_STM_0_IF] M515C12
UMY3HD2AHL26SECCB00HW01QK4	FE_MUX_BBE_STM0	NUMBER	[PMMOResult_UNIT_INDEX_STM_0_IF] M515C13
UN0EOJPAHL26SECCB00HW01QK4	FE_MUX_ES_STM0	NUMBER	[PMMOResult_UNIT_INDEX_STM_0_IF] M515C14
UN1NBJ6AHL26SECCB00HW01QK4	FE_MUX_SES_STM0	NUMBER	[PMMOResult_UNIT_INDEX_STM_0_IF] M515C15
UN2WRXTAHL26SECCB00HW01QK4	FE_PATH1_UAS_STM0	NUMBER	[PMMOResult_UNIT_INDEX_STM_0_IF] M515C16
UN4A5I6AHL26SECCB00HW01QK4	FE_PATH1_BBE_STM0	NUMBER	[PMMOResult_UNIT_INDEX_STM_0_IF] M515C17
UN5JOY2AHL26SECCB00HW01QK4	FE_PATH_ES_STM0	NUMBER	[PMMOResult_UNIT_INDEX_STM_0_IF] M515C18
UN6QUKHAHL26SECCB00HW01QK4	FE_PATH_SES_STM0	NUMBER	[PMMOResult_UNIT_INDEX_STM_0_IF] M515C19

7.40 Raw Signalling_Link Tables

7.40.1 NOK_NKMTP_SIGLAVAIL_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping

SS7_LINK_ID		VARCHAR2(50)	[PMMOResult_MTP_Sig_Link_Availability] RNC & "/" & SNET & "/" & SPCD & "/" & SLSN & "/" & SL_TYPE & "/" & SLN
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
XJVHEBJDMM2AICSD002UAXYBDK	M208B2C1	NUMBER	[PMMOResult_MTP_Sig_Link_Availability] M208B2C1
XJVHEBLDMM2AICSD002UAXYBDK	M208B2C2	NUMBER	[PMMOResult_MTP_Sig_Link_Availability] M208B2C2
XJVHEBNDMM2AICSD002UAXYBDK	M208B2C3	NUMBER	[PMMOResult_MTP_Sig_Link_Availability] M208B2C3
XJVHEBPDMM2AICSD002UAXYBDK	M208B2C4	NUMBER	[PMMOResult_MTP_Sig_Link_Availability] M208B2C4
XJVHEBRDMM2AICSD002UAXYBDK	M208B2C5	NUMBER	[PMMOResult_MTP_Sig_Link_Availability] M208B2C5
XJVHEBTDMM2AICSD002UAXYBDK	M208B2C6	NUMBER	[PMMOResult_MTP_Sig_Link_Availability] M208B2C6
XJVHEBVDMM2AICSD002UAXYBDK	M208B2C7	NUMBER	[PMMOResult_MTP_Sig_Link_Availability] M208B2C7
XJVHEBXDMM2AICSD002UAXYBDK	M208B2C8	NUMBER	[PMMOResult_MTP_Sig_Link_Availability] M208B2C8
XJVHEC0DMM2AICSD002UAXYBDK	M208B2C9	NUMBER	[PMMOResult_MTP_Sig_Link_Availability] M208B2C9
XJVHEC2DMM2AICSD002UAXYBDK	M208B2C10	NUMBER	[PMMOResult_MTP_Sig_Link_Availability] M208B2C10
XJVHEC4DMM2AICSD002UAXYBDK	M208B2C11	NUMBER	[PMMOResult_MTP_Sig_Link_Availability] M208B2C11
XJVHEC6DMM2AICSD002UAXYBDK	M208B2C12	NUMBER	[PMMOResult_MTP_Sig_Link_Availability] M208B2C12

This edition applies to IBM® Tivoli® Netcool® Performance Manager for Wireless and to all subsequent releases and modifications until otherwise indicated in new editions.

XJVHECBDMM2AICSD002UAXYBDK	M208B2C13	NUMBER	[PMMOResult_MTP_Sig_Link_Availability] M208B2C13
XJVHECDDMM2AICSD002UAXYBDK	M208B2C14	NUMBER	[PMMOResult_MTP_Sig_Link_Availability] M208B2C14
XJVHECFDMM2AICSD002UAXYBDK	M208B2C15	NUMBER	[PMMOResult_MTP_Sig_Link_Availability] M208B2C15
XJVHECHDMM2AICSD002UAXYBDK	M208B2C16	NUMBER	[PMMOResult_MTP_Sig_Link_Availability] M208B2C16

7.40.2 NOK_NKMTP_SIGLPERF_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
SS7_LINK_ID		VARCHAR2(50)	[PMMOResult_MTP_Sig_Link_Performance] RNC & "/" & SNET & "/" & SPCD & "/" & SLSN & "/" & SL_TYPE & "/" & SLN
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
XJVHECJDMM2AICSD002UAXYBDK	M209B2C1	NUMBER	[PMMOResult_MTP_Sig_Link_Performance] M209B2C1
XJVHECLDMM2AICSD002UAXYBDK	M209B2C2	NUMBER	[PMMOResult_MTP_Sig_Link_Performance] M209B2C2
XJVHECNDMM2AICSD002UAXYBDK	M209B2C3	NUMBER	[PMMOResult_MTP_Sig_Link_Performance] M209B2C3
XJVHECPDMM2AICSD002UAXYBDK	M209B2C4	NUMBER	[PMMOResult_MTP_Sig_Link_Performance] M209B2C4
XJVHECRDMM2AICSD002UAXYBDK	M209B2C5	NUMBER	[PMMOResult_MTP_Sig_Link_Performance] M209B2C5
XJVHECTDMM2AICSD002UAXYBDK	M209B2C6	NUMBER	[PMMOResult_MTP_Sig_Link_Performance] M209B2C6
XJVHECVDMM2AICSD002UAXYBDK	M209B2C7	NUMBER	[PMMOResult_MTP_Sig_Link_Performance] M209B2C7
XJVHECXDMM2AICSD002UAXYBDK	M209B3C1	NUMBER	[PMMOResult_MTP_Sig_Link_Performance] M209B3C1
XJVHED0DMM2AICSD002U	M209B3C2	NUMBER	[PMMOResult_MTP_Sig_Lin

AXYBDK			k_Performance] M209B3C2
XJVHED2DMM2AICSD002U AXYBDK	M209B3C3	NUMBER	[PMMOResult_MTP_Sig_Link_Performance] M209B3C3
XJVHED4DMM2AICSD002U AXYBDK	M209B3C4	NUMBER	[PMMOResult_MTP_Sig_Link_Performance] M209B3C4
XJVHED6DMM2AICSD002U AXYBDK	M209B3C5	NUMBER	[PMMOResult_MTP_Sig_Link_Performance] M209B3C5
XJVHEDBDMM2AICSD002U AXYBDK	M209B3C6	NUMBER	[PMMOResult_MTP_Sig_Link_Performance] M209B3C6

7.40.3 NOK_NKMTP_SIGLUTIL_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
SS7_LINK_ID		VARCHAR2(50)	[PMMOResult_MTP_Sig_Link_Utilization] RNC & "/" & SNET & "/" & SPCD & "/" & SLSN & "/" & SL_TYPE & "/" & SLN
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
XJVHEDDDMM2AICSD002U AXYBDK	M210B1C2	FLOAT	[PMMOResult_MTP_Sig_Link_Utilization] M210B1C2
XJVHEDFDMM2AICSD002U AXYBDK	M210B2C1	NUMBER	[PMMOResult_MTP_Sig_Link_Utilization] M210B2C1
XJVHEDHDMM2AICSD002U AXYBDK	M210B2C2	NUMBER	[PMMOResult_MTP_Sig_Link_Utilization] M210B2C2
XJVHEDJDMM2AICSD002U AXYBDK	M210B2C3	NUMBER	[PMMOResult_MTP_Sig_Link_Utilization] M210B2C3
XJVHEDLDMM2AICSD002U AXYBDK	M210B2C4	NUMBER	[PMMOResult_MTP_Sig_Link_Utilization] M210B2C4
XJVHEDNDMM2AICSD002U AXYBDK	M210B2C5	NUMBER	[PMMOResult_MTP_Sig_Link_Utilization] M210B2C5

XJVHEDPDMM2AICSD002U AXYBDK	M210B2C6	NUMBER	[PMMOResult_MTP_Sig_Lin k_Utilization] M210B2C6
XJVHEDRDMM2AICSD002U AXYBDK	M210B2C7	NUMBER	[PMMOResult_MTP_Sig_Lin k_Utilization] M210B2C7
XJVHEDTDMM2AICSD002U AXYBDK	M210B2C8	NUMBER	[PMMOResult_MTP_Sig_Lin k_Utilization] M210B2C8
XJVHEDVDMM2AICSD002U AXYBDK	M210B2C9	NUMBER	[PMMOResult_MTP_Sig_Lin k_Utilization] M210B2C9
XJVHEDXDMM2AICSD002U AXYBDK	M210B2C10	NUMBER	[PMMOResult_MTP_Sig_Lin k_Utilization] M210B2C10
XJVHEE0DMM2AICSD002U AXYBDK	M210B2C11	NUMBER	[PMMOResult_MTP_Sig_Lin k_Utilization] M210B2C11
XJVHEE2DMM2AICSD002U AXYBDK	M210B2C12	NUMBER	[PMMOResult_MTP_Sig_Lin k_Utilization] M210B2C12
XJVHEE4DMM2AICSD002U AXYBDK	M210B2C13	NUMBER	[PMMOResult_MTP_Sig_Lin k_Utilization] M210B2C13
XJVHEE6DMM2AICSD002U AXYBDK	M210B2C14	NUMBER	[PMMOResult_MTP_Sig_Lin k_Utilization] M210B2C14
XJVHEEBDMM2AICSD002U AXYBDK	M210B2C15	NUMBER	[PMMOResult_MTP_Sig_Lin k_Utilization] M210B2C15
XJVHEEDDMM2AICSD002U AXYBDK	M210B2C16	NUMBER	[PMMOResult_MTP_Sig_Lin k_Utilization] M210B2C16
XJVHEEFDMM2AICSD002U AXYBDK	M210B2C17	NUMBER	[PMMOResult_MTP_Sig_Lin k_Utilization] M210B2C17
XJVHEEHDMM2AICSD002U AXYBDK	M210B3C1	NUMBER	[PMMOResult_MTP_Sig_Lin k_Utilization] M210B3C1
XJVHEEJDMM2AICSD002U AXYBDK	M210B3C2	NUMBER	[PMMOResult_MTP_Sig_Lin k_Utilization] M210B3C2
XJVHEELDMM2AICSD002U AXYBDK	M210B3C3	NUMBER	[PMMOResult_MTP_Sig_Lin k_Utilization] M210B3C3
XJVHEENDMM2AICSD002U AXYBDK	M210B3C4	NUMBER	[PMMOResult_MTP_Sig_Lin k_Utilization] M210B3C4
XJVHEEPDMM2AICSD002U AXYBDK	M210B3C5	NUMBER	[PMMOResult_MTP_Sig_Lin k_Utilization] M210B3C5
XJVHEERDMM2AICSD002U	M210B3C6	NUMBER	[PMMOResult_MTP_Sig_Lin

AXYBDK			k_Utilization] M210B3C6
XJVHEETDMM2AICSD002U AXYBDK	M210B3C7	NUMBER	[PMMOResult_MTP_Sig_Link_Utilization] M210B3C7
XJVHEEVDMM2AICSD002U AXYBDK	M210B3C8	NUMBER	[PMMOResult_MTP_Sig_Link_Utilization] M210B3C8

7.40.4 NOK_NKSS7_AAL2SL_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
SS7_LINK_ID		VARCHAR2(50)	[PMMOResult_AAL2_At_UNI] RNC & "/" & SNET & "/" & SPCD & "/" & SLSN & "/" & SL_TYPE & "/" & SLN
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
UNF224PAHL26SECCB00HW01QK4	COMMON	NUMBER	[PMMOResult_AAL2_At_UNI] M548C24
UNGDM5PAHL26SECCB00HW01QK4	NET_OUT	NUMBER	[PMMOResult_AAL2_At_UNI] M548C1
UNHK4PTAHL26SECCB00HW01QK4	TEMP_FAIL	NUMBER	[PMMOResult_AAL2_At_UNI] M548C2
UNIQEWXAHL26SECCB00HW01QK4	CONGESTION	NUMBER	[PMMOResult_AAL2_At_UNI] M548C3
UNJYO16AHL26SECCB00HW01QK4	REQ_CHAN	NUMBER	[PMMOResult_AAL2_At_UNI] M548C4
UNL51E2AHL26SECCB00HW01QK4	RES_UNAVAIL	NUMBER	[PMMOResult_AAL2_At_UNI] M548C5
UNMCY0TAHL26SECCB00HW01QK4	AAL_PARA	NUMBER	[PMMOResult_AAL2_At_UNI] M548C6
UNNHLLTAHL26SECCB00HW01QK4	INVALID_MSG	NUMBER	[PMMOResult_AAL2_At_UNI] M548C7

This edition applies to IBM® Tivoli® Netcool® Performance Manager for Wireless and to all subsequent releases and modifications until otherwise indicated in new editions.

UNOLXKPAHL26SECCB00HW01QK4	MANDAT_INFO	NUMBER	[PMMOResult_AAL2_At_UNI] M548C8
UNPQFALAHL26SECCB00HW01QK4	MSG_NOT_IMPL	NUMBER	[PMMOResult_AAL2_At_UNI] M548C9
UNQVG36AHL26SECCB00HW01QK4	INFO_NOT_IMPL	NUMBER	[PMMOResult_AAL2_At_UNI] M548C10
UNS1BXTAHL26SECCB00HW01QK4	INVALID_INFO	NUMBER	[PMMOResult_AAL2_At_UNI] M548C11
UNT5XXXAHL26SECCB00HW01QK4	TIMER_EXP_ERQ	NUMBER	[PMMOResult_AAL2_At_UNI] M548C12
UNUF6PDAHL26SECCB00HW01QK4	TIMER_EXP_REL	NUMBER	[PMMOResult_AAL2_At_UNI] M548C13
UNVN5QPAHL26SECCB00HW01QK4	TIMER_EXP_RES	NUMBER	[PMMOResult_AAL2_At_UNI] M548C14
UNWVJCTAHL26SECCB00HW01QK4	TIMER_EXP_BLO	NUMBER	[PMMOResult_AAL2_At_UNI] M548C15
UNY4AHPAHL26SECCB00HW01QK4	TIMER_EXP_UBL	NUMBER	[PMMOResult_AAL2_At_UNI] M548C16
UO0DTUTAHL26SECCB00HW01QK4	MSG_UNRECOG	NUMBER	[PMMOResult_AAL2_At_UNI] M548C17
UO1HOL6AHL26SECCB00HW01QK4	SAI_ALLOC	NUMBER	[PMMOResult_AAL2_At_UNI] M548C18
UO2K3T2AHL26SECCB00HW01QK4	CID_VERIF	NUMBER	[PMMOResult_AAL2_At_UNI] M548C19
UO3O0CXAHL26SECCB00HW01QK4	AAL2PI_VERIF	NUMBER	[PMMOResult_AAL2_At_UNI] M548C20
UO4SUFLAHL26SECCB00HW01QK4	BINDING_ID_VERIF	NUMBER	[PMMOResult_AAL2_At_UNI] M548C21
UO5XJSDAHL26SECCB00HW01QK4	LINK_CHAR_VERIF	NUMBER	[PMMOResult_AAL2_At_UNI] M548C22
UOA2NX6AHL26SECCB00HW01QK4	ADJ_NODE_NOT_AVAIL	NUMBER	[PMMOResult_AAL2_At_UNI] M548C23

7.40.5 NOK_NKSS7_SAAL_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping

SS7_LINK_ID		VARCHAR2(50)	[PMMOResult_SAAL_At_UNI] RNC & "/" & SNET & "/" & SPCD & "/" & SLSN & "/" & SL_TYPE & "/" & SLN
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
UOIL4VLAHL26SECCB00HW01QK4	ERROR_CODE_A	NUMBER	[PMMOResult_SAAL_At_UNI] M546C6
UOJU1G2AHL26SECCB00HW01QK4	ERROR_CODE_B	NUMBER	[PMMOResult_SAAL_At_UNI] M546C7
UOL2YVXAHL26SECCB00HW01QK4	ERROR_CODE_C	NUMBER	[PMMOResult_SAAL_At_UNI] M546C8
UOMDRMTAHL26SECCB00HW01QK4	ERROR_CODE_D	NUMBER	[PMMOResult_SAAL_At_UNI] M546C9
UONJ2E6AHL26SECCB00HW01QK4	ERROR_CODE_E	NUMBER	[PMMOResult_SAAL_At_UNI] M546C10
UOOOEDTAHL26SECCB00HW01QK4	ERROR_CODE_F	NUMBER	[PMMOResult_SAAL_At_UNI] M546C11
UOPWIVHAHL26SECCB00HW01QK4	ERROR_CODE_G	NUMBER	[PMMOResult_SAAL_At_UNI] M546C12
UOR2MCXAHL26SECCB00HW01QK4	ERROR_CODE_H	NUMBER	[PMMOResult_SAAL_At_UNI] M546C13
UOSBS5DAHL26SECCB00HW01QK4	ERROR_CODE_I	NUMBER	[PMMOResult_SAAL_At_UNI] M546C14
UOTJ4ADAHL26SECCB00HW01QK4	ERROR_CODE_J	NUMBER	[PMMOResult_SAAL_At_UNI] M546C15
UOURE56AHL26SECCB00HW01QK4	ERROR_CODE_K	NUMBER	[PMMOResult_SAAL_At_UNI] M546C16
UOW0UYXAHL26SECCB00HW01QK4	ERROR_CODE_L	NUMBER	[PMMOResult_SAAL_At_UNI] M546C17
UOXFYO2AHL26SECCB00H	ERROR_CODE_M	NUMBER	[PMMOResult_SAAL_At_U

This edition applies to IBM® Tivoli® Netcool® Performance Manager for Wireless and to all subsequent releases and modifications until otherwise indicated in new editions.

W01QK4			NI] M546C18
UOYOC6PAHL26SECCB00HW01QK4	ERROR_CODE_O	NUMBER	[PMMOResult_SAAL_At_UNI] M546C19
UP0W4UXAHL26SECCB00HW01QK4	ERROR_CODE_P	NUMBER	[PMMOResult_SAAL_At_UNI] M546C20
UP25VB2AHL26SECCB00HW01QK4	ERROR_CODE_Q	NUMBER	[PMMOResult_SAAL_At_UNI] M546C21
UP3HO66AHL26SECCB00HW01QK4	ERROR_CODE_R	NUMBER	[PMMOResult_SAAL_At_UNI] M546C22
UP4Q03LAHL26SECCB00HW01QK4	ERROR_CODE_S	NUMBER	[PMMOResult_SAAL_At_UNI] M546C23
UP5YNQLAHL26SECCB00HW01QK4	ERROR_CODE_T	NUMBER	[PMMOResult_SAAL_At_UNI] M546C24
UPABYYDAHL26SECCB00HW01QK4	ERROR_CODE_U	NUMBER	[PMMOResult_SAAL_At_UNI] M546C25
UPBK0V2AHL26SECCB00HW01QK4	ERROR_CODE_V	NUMBER	[PMMOResult_SAAL_At_UNI] M546C26
UPCP4VXAHL26SECCB00HW01QK4	ERROR_CODE_W	NUMBER	[PMMOResult_SAAL_At_UNI] M546C27
UPDXPDHAHL26SECCB00HW01QK4	ERROR_CODE_X	NUMBER	[PMMOResult_SAAL_At_UNI] M546C28
UPF6USHAHL26SECCB00HW01QK4	ERROR_CODE_LW	NUMBER	[PMMOResult_SAAL_At_UNI] M546C29
UPGIWUHAHL26SECCB00HW01QK4	ERROR_CODE_LX	NUMBER	[PMMOResult_SAAL_At_UNI] M546C30
UPHPU3LAHL26SECCB00HW01QK4	ERROR_CODE_DEL	NUMBER	[PMMOResult_SAAL_At_UNI] M546C31
UPIYP22AHL26SECCB00HW01QK4	RX_ERR	NUMBER	[PMMOResult_SAAL_At_UNI] M546C32
UPKCHI2AHL26SECCB00HW01QK4	NO_ERR	NUMBER	[PMMOResult_SAAL_At_UNI] M546C33
UPLLTX6AHL26SECCB00HW01QK4	UNEXP_ERR	NUMBER	[PMMOResult_SAAL_At_UNI] M546C34
UPMTM1PAHL26SECCB00HW01QK4	BA_ERR	NUMBER	[PMMOResult_SAAL_At_UNI] M546C35

UPO2WAXAHL26SECCB00H W01QK4	CRC_ERR	NUMBER	[PMMOResult_SAAL_At_U NI] M546C36
UPPC2U6AHL26SECCB00H W01QK4	CPI_ERR	NUMBER	[PMMOResult_SAAL_At_U NI] M546C37
UPQLHDHAHL26SECCB00H W01QK4	LEN_ERR	NUMBER	[PMMOResult_SAAL_At_U NI] M546C38
UPRUM3XAHL26SECCB00H W01QK4	PAD_ERR	NUMBER	[PMMOResult_SAAL_At_U NI] M546C39
UPT2VQPAHL26SECCB00H W01QK4	CRC_PAD_ERR	NUMBER	[PMMOResult_SAAL_At_U NI] M546C40
UPUOO4DAHL26SECCB00H W01QK4	RSM_TIMEOUT	NUMBER	[PMMOResult_SAAL_At_U NI] M546C41
UPVUO62AHL26SECCB00H W01QK4	ABORT_DET	NUMBER	[PMMOResult_SAAL_At_U NI] M546C42
UPX4BE6AHL26SECCB00H W01QK4	EARLY_DISC	NUMBER	[PMMOResult_SAAL_At_U NI] M546C43
UPYCXW6AHL26SECCB00H W01QK4	FBQ_UNDERF	NUMBER	[PMMOResult_SAAL_At_U NI] M546C46
UQ0MFPTAHL26SECCB00H W01QK4	STATUS_QF	NUMBER	[PMMOResult_SAAL_At_U NI] M546C44
UQ1U52HAHL26SECCB00H W01QK4	VCC_FW	NUMBER	[PMMOResult_SAAL_At_U NI] M546C45
UQ3451LAHL26SECCB00H W01QK4	STAT_Q_OVERF	NUMBER	[PMMOResult_SAAL_At_U NI] M546C47
UQ4FOLDAHL26SECCB00H W01QK4	VCC_RESE	NUMBER	[PMMOResult_SAAL_At_U NI] M546C48
UQ5ON1XAHL26SECCB00H W01QK4	VCC_RELE	NUMBER	[PMMOResult_SAAL_At_U NI] M546C49
UQ6X15DAHL26SECCB00H W01QK4	RX_PDU_UNI	NUMBER	[PMMOResult_SAAL_At_U NI] M546C50
UQB6VJXAHL26SECCB00H	RX_SIZE_UNI	NUMBER	[PMMOResult_SAAL_At_U

This edition applies to IBM® Tivoli® Netcool® Performance Manager for Wireless and to all subsequent releases and modifications until otherwise indicated in new editions.

W01QK4			NI] M546C51
UOB6VXTAHL26SECCB00HW01QK4	MSUS_RECEIVED	NUMBER	[PMMOResult_SAAL_At_UNI] M546C0
UOCI0DDAHL26SECCB00HW01QK4	OCTETS_RECEIVED	NUMBER	[PMMOResult_SAAL_At_UNI] M546C1
UODPOUXAHL26SECCB00HW01QK4	SIG_COMMANDS_RECEIVED	NUMBER	[PMMOResult_SAAL_At_UNI] M546C2
UOEXYQLAHL26SECCB00HW01QK4	MSUS_TRANSMITTED	NUMBER	[PMMOResult_SAAL_At_UNI] M546C3
UOG6XKHAHL26SECCB00HW01QK4	OCTETS_TRANSMITTED	NUMBER	[PMMOResult_SAAL_At_UNI] M546C4
UOHEV1LAHL26SECCB00HW01QK4	SIG_NOTICES_TRANSMITTTED	NUMBER	[PMMOResult_SAAL_At_UNI] M546C5
UQCI3IHAHL26SECCB00HW01QK4	TOT_BOTHWAY_MSUS	NUMBER	[PMMOResult_SAAL_At_UNI] M546C3 + M546C0

7.41 Raw Signalling_LinkSet Tables

7.41.1 NOK_NKMTP_SIGLKRSTAVAIL_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
SS7_LINKSET_ID		VARCHAR2(50)	[PMMOResult_MTP_Sig_Linkset_RouteSet_Availability] RNC &"/"& SNET&"/" & SPCD &"/" & SLSN
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
XPVEYT2DMM2AICSD002UAXYBDK	M212B2C1	NUMBER	[PMMOResult_MTP_Sig_Linkset_RouteSet_Availability] M212B2C1
XPVEYT4DMM2AICSD002UAXYBDK	M212B2C2	NUMBER	[PMMOResult_MTP_Sig_Linkset_RouteSet_Availability] M212B2C2
XPVEYT6DMM2AICSD002UAXYBDK	M212B2C3	NUMBER	[PMMOResult_MTP_Sig_Linkset_RouteSet_Availability] M212B2C3

XPVEYTBDMM2AICSD002UAXYBDK	M212B2C4	NUMBER	[PMMOResult_MTP_Sig_Linkset_RouteSet_Availability] M212B2C4
XPVEYTDDMM2AICSD002UAXYBDK	M212B2C5	NUMBER	[PMMOResult_MTP_Sig_Linkset_RouteSet_Availability] M212B2C5
XPVEYTFDMM2AICSD002UAXYBDK	M212B2C6	NUMBER	[PMMOResult_MTP_Sig_Linkset_RouteSet_Availability] M212B2C6
XPVEYTHDMM2AICSD002UAXYBDK	M212B2C7	NUMBER	[PMMOResult_MTP_Sig_Linkset_RouteSet_Availability] M212B2C7
XPVEYTJDMM2AICSD002UAXYBDK	M212B2C8	NUMBER	[PMMOResult_MTP_Sig_Linkset_RouteSet_Availability] M212B2C8
XPVEYTLDMM2AICSD002UAXYBDK	M212B2C9	NUMBER	[PMMOResult_MTP_Sig_Linkset_RouteSet_Availability] M212B2C9

7.42 Raw Signalling_Point Tables

7.42.1 NOK_NK_MTPSIGT_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
SS7_POINT_ID		VARCHAR2(50)	[PMMOResult_MTP_Matrix_Sig_Traffic] RNC & "/" & SNET & "/" & SIO
ORIGINATING_POINT_ID		VARCHAR2(50)	[PMMOResult_MTP_Matrix_Sig_Traffic] OPC
DESTINATION_POINT_ID		VARCHAR2(50)	[PMMOResult_MTP_Matrix_Sig_Traffic] DSPC
TSTAMP		DATE	
INSTANCE_ID		NUMBER	

This edition applies to IBM® Tivoli® Netcool® Performance Manager for Wireless and to all subsequent releases and modifications until otherwise indicated in new editions.

XPVEYUXDMM2AICSD002UAXYBDK	M215B2C1	NUMBER	[PMMOResult_MTP_Matrix_Sig_Traffic] M215B2C1
XPVEYV0DMM2AICSD002UAXYBDK	M215B2C2	NUMBER	[PMMOResult_MTP_Matrix_Sig_Traffic] M215B2C2

7.42.2 NOK_NKMTP_SIGPSTAT_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
SS7_POINT_ID		VARCHAR2(50)	[PMMOResult_MTP_Sig_Point_Status] RNC & "/" & SNET & "/" & SPCD
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
XJVHEEXDMM2AICSD002UAXYBDK	M211B2C1	NUMBER	[PMMOResult_MTP_Sig_Point_Status] M211B2C1
XJVHEF0DMM2AICSD002UAXYBDK	M211B2C2	NUMBER	[PMMOResult_MTP_Sig_Point_Status] M211B2C2
XJVHEF2DMM2AICSD002UAXYBDK	M211B2C3	NUMBER	[PMMOResult_MTP_Sig_Point_Status] M211B2C3
XJVHEF4DMM2AICSD002UAXYBDK	M211B2C4	NUMBER	[PMMOResult_MTP_Sig_Point_Status] M211B2C4
XJVHEF6DMM2AICSD002UAXYBDK	M211B2C5	NUMBER	[PMMOResult_MTP_Sig_Point_Status] M211B2C5
XJVHEFBDMM2AICSD002UAXYBDK	M211B2C6	NUMBER	[PMMOResult_MTP_Sig_Point_Status] M211B2C6
XJVHEFDDMM2AICSD002UAXYBDK	M211B2C7	NUMBER	[PMMOResult_MTP_Sig_Point_Status] M211B2C7
XJVHEFFDMM2AICSD002UAXYBDK	M211B2C8	NUMBER	[PMMOResult_MTP_Sig_Point_Status] M211B2C8
XJVHEFHDMM2AICSD002UAXYBDK	M211B2C9	NUMBER	[PMMOResult_MTP_Sig_Point_Status] M211B2C9
XPVEYT0DMM2AICSD002UAXYBDK	M211B2C10	NUMBER	[PMMOResult_MTP_Sig_Point_Status] M211B2C10

7.42.3 NOK_NKMTP_SIGTREPSP_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
SS7_POINT_ID		VARCHAR2(50)	[PMMOResult_MTP_Sig_Traffic_Report_SP] RNC & "/" & SNET & "/" & SPCD
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
XPVEYTNDMM2AICSD002UAXYBDK	M213B2C1	NUMBER	[PMMOResult_MTP_Sig_Traffic_Report_SP] M213B2C1
XPVEYTPDMM2AICSD002UAXYBDK	M213B3C1	NUMBER	[PMMOResult_MTP_Sig_Traffic_Report_SP] M213B3C1
XPVEYTRDMM2AICSD002UAXYBDK	M213B3C2	NUMBER	[PMMOResult_MTP_Sig_Traffic_Report_SP] M213B3C2
XPVEYTTDMM2AICSD002UAXYBDK	M213B3C3	NUMBER	[PMMOResult_MTP_Sig_Traffic_Report_SP] M213B3C3
XPVEYTVDMM2AICSD002UAXYBDK	M213B3C4	NUMBER	[PMMOResult_MTP_Sig_Traffic_Report_SP] M213B3C4
XPVEYTXDMM2AICSD002UAXYBDK	M213B3C5	NUMBER	[PMMOResult_MTP_Sig_Traffic_Report_SP] M213B3C5
XPVEYU0DMM2AICSD002UAXYBDK	M213B3C6	NUMBER	[PMMOResult_MTP_Sig_Traffic_Report_SP] M213B3C6
XPVEYU2DMM2AICSD002UAXYBDK	M213B3C7	NUMBER	[PMMOResult_MTP_Sig_Traffic_Report_SP] M213B3C7
XPVEYU4DMM2AICSD002UAXYBDK	M213B3C8	NUMBER	[PMMOResult_MTP_Sig_Traffic_Report_SP] M213B3C8
XPVEYU6DMM2AICSD002UAXYBDK	M213B3C9	NUMBER	[PMMOResult_MTP_Sig_Traffic_Report_SP] M213B3C9
XPVEYUBDMM2AICSD002UAXYBDK	M213B3C10	NUMBER	[PMMOResult_MTP_Sig_Traffic_Report_SP] M213B3C10
XPVEYUDDMM2AICSD002UAXYBDK	M213B3C11	NUMBER	[PMMOResult_MTP_Sig_Traffic_Report_SP] M213B3C11

XPVEYUFDMM2AICSD002UAXYBDK	M213B3C12	NUMBER	[PMMOResult_MTP_Sig_Traffic_Report_SP] M213B3C12
XPVEYUHDMM2AICSD002UAXYBDK	M213B3C13	NUMBER	[PMMOResult_MTP_Sig_Traffic_Report_SP] M213B3C13
XPVEYUJDMM2AICSD002UAXYBDK	M213B3C14	NUMBER	[PMMOResult_MTP_Sig_Traffic_Report_SP] M213B3C14
XPVEYULDMM2AICSD002UAXYBDK	M213B3C15	NUMBER	[PMMOResult_MTP_Sig_Traffic_Report_SP] M213B3C15
XPVEYUNDMM2AICSD002UAXYBDK	M213B3C16	NUMBER	[PMMOResult_MTP_Sig_Traffic_Report_SP] M213B3C16
XPVEYURDMM2AICSD002UAXYBDK	M213B2C2	NUMBER	[PMMOResult_MTP_Sig_Traffic_Report_SP] M213B2C2
SXH1ITDDS42AICSDR02UAAXYBDK	TOT_OCT_REC_TRANS	NUMBER	[PMMOResult_MTP_Sig_Traffic_Report_SP] M213B2C1+M213B2C2

7.42.4 NOK_NKMTP_SIGTREPUP_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
SS7_POINT_ID		VARCHAR2(50)	[PMMOResult_MTP_Sig_Traffic_Report_UserParts] RNC & "/" & SNET & "/" & SIO
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
XPVEYUTDMM2AICSD002UAXYBDK	M214B2C1	NUMBER	[PMMOResult_MTP_Sig_Traffic_Report_UserParts] M214B2C1
XPVEYUVDMM2AICSD002UAXYBDK	M214B2C2	NUMBER	[PMMOResult_MTP_Sig_Traffic_Report_UserParts] M214B2C2

7.42.5 NOK_NKSS7P_AAL2SL_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
SS7_POINT_ID		VARCHAR2(50)	[PMMOResult_NET_CODE_AAL2_AT_NNI] RNC & "/" & SNET & "/" & SPCD

TSTAMP		DATE	
INSTANCE_ID		NUMBER	
UQDQE6DAHL26SECCB00HW01QK4	COMMON_NNI	NUMBER	[PMMOResult_NET_CODE_AAL2_AT_NNI] M545C24
UQEWXN2AHL26SECCB00HW01QK4	NODAL_FUNCTION_NNI	NUMBER	[PMMOResult_NET_CODE_AAL2_AT_NNI] M545C25
UQG3CBTAHL26SECCB00HW01QK4	UNALLOC_NUMB_NNI	NUMBER	[PMMOResult_NET_CODE_AAL2_AT_NNI] M545C26
UQHDLFXAHL26SECCB00HW01QK4	NO_ROUTE_NNI	NUMBER	[PMMOResult_NET_CODE_AAL2_AT_NNI] M545C27
UQIJUE2AHL26SECCB00HW01QK4	NO_CHANNEL_NNI	NUMBER	[PMMOResult_NET_CODE_AAL2_AT_NNI] M545C28
UQJOTEDAHL26SECCB00HW01QK4	NET_OUT_NNI	NUMBER	[PMMOResult_NET_CODE_AAL2_AT_NNI] M545C1
UQL15XHAHL26SECCB00HW01QK4	TEMP_FAIL_NNI	NUMBER	[PMMOResult_NET_CODE_AAL2_AT_NNI] M545C2
UQMHK3DAHL26SECCB00HW01QK4	CONGESTION_NNI	NUMBER	[PMMOResult_NET_CODE_AAL2_AT_NNI] M545C3
UQNM0RXAHL26SECCB00HW01QK4	REQ_CHAN_NNI	NUMBER	[PMMOResult_NET_CODE_AAL2_AT_NNI] M545C4
UQOR2JPAHL26SECCB00HW01QK4	RES_UNAVAIL_NNI	NUMBER	[PMMOResult_NET_CODE_AAL2_AT_NNI] M545C5
UQPX0WDAHL26SECCB00HW01QK4	AAL_PARA_NNI	NUMBER	[PMMOResult_NET_CODE_AAL2_AT_NNI] M545C6
UQR4ONDAHL26SECCB00HW01QK4	INVALID_MSG_NNI	NUMBER	[PMMOResult_NET_CODE_AAL2_AT_NNI] M545C7
UQSE6WDAHL26SECCB00HW01QK4	MANDAT_INFO_NNI	NUMBER	[PMMOResult_NET_CODE_AAL2_AT_NNI] M545C8
UQTJIPPAHL26SECCB00HW01QK4	MSG_NOT_IMPL_NNI	NUMBER	[PMMOResult_NET_CODE_AAL2_AT_NNI] M545C9
UQUOLL2AHL26SECCB00H	INFO_NOT_IMPL_NN	NUMBER	[PMMOResult_NET_CODE_

This edition applies to IBM® Tivoli® Netcool® Performance Manager for Wireless and to all subsequent releases and modifications until otherwise indicated in new editions.

W01QK4	I		AAL2_AT_NNI] M545C10
UQVUYQTAHL26SECCB00HW01QK4	INVALID_INFO_NNI	NUMBER	[PMMOResult_NET_CODE_AAL2_AT_NNI] M545C11
UQX2JU6AHL26SECCB00HW01QK4	TIMER_EXP_ERQ_NNI	NUMBER	[PMMOResult_NET_CODE_AAL2_AT_NNI] M545C12
UQYBUS2AHL26SECCB00HW01QK4	TIMER_EXP_REL_NNI	NUMBER	[PMMOResult_NET_CODE_AAL2_AT_NNI] M545C13
UR0GF4LAHL26SECCB00HW01QK4	TIMER_EXP_RES_NNI	NUMBER	[PMMOResult_NET_CODE_AAL2_AT_NNI] M545C14
UR1LAVHAHL26SECCB00HW01QK4	TIMER_EXP_BLO_NNI	NUMBER	[PMMOResult_NET_CODE_AAL2_AT_NNI] M545C15
UR2P446AHL26SECCB00HW01QK4	TIMER_EXP_UBL_NNI	NUMBER	[PMMOResult_NET_CODE_AAL2_AT_NNI] M545C16
UR3SKTXAHL26SECCB00HW01QK4	MSG_UNRECOG_NNI	NUMBER	[PMMOResult_NET_CODE_AAL2_AT_NNI] M545C17
UR51WVLAHL26SECCB00HW01QK4	SAI_ALLOC_NNI	NUMBER	[PMMOResult_NET_CODE_AAL2_AT_NNI] M545C18
UR6DWDTAHL26SECCB00HW01QK4	CID_VERIF_NNI	NUMBER	[PMMOResult_NET_CODE_AAL2_AT_NNI] M545C19
URAL2O2AHL26SECCB00HW01QK4	AAL2PI_VERIF_NNI	NUMBER	[PMMOResult_NET_CODE_AAL2_AT_NNI] M545C20
URBT6JTAHL26SECCB00HW01QK4	BINDING_ID_VERIF_NNI	NUMBER	[PMMOResult_NET_CODE_AAL2_AT_NNI] M545C21
URD3UD6AHL26SECCB00HW01QK4	LINK_CHAR_VERIF_NNI	NUMBER	[PMMOResult_NET_CODE_AAL2_AT_NNI] M545C22
UREFV62AHL26SECCB00HW01QK4	ADJ_NODE_NOT_AVAIL_NNI	NUMBER	[PMMOResult_NET_CODE_AAL2_AT_NNI] M545C23
URFN34TAHL26SECCB00HW01QK4	RES_MAN_OVERLOAD	NUMBER	[PMMOResult_NET_CODE_AAL2_AT_NNI] M545C29

7.42.6 NOK_NKSS7SP_AAL2NNI_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
SS7_POINT_ID		VARCHAR2(50)	[PMMOResult_AAL2_At_NNI_new] RNC & "/" & NETCODE & "/" & SPCODE

TSTAMP		DATE	
INSTANCE_ID		NUMBER	
URGWNJTAHL26SECCB00HW01QK4	NET_OUT_AT_NNI	NUMBER	[PMMOResult_AAL2_At_NNI_new] M552C1
URI4TQTAHL26SECCB00HW01QK4	INFO_NOT_IMPL_AT_NNI	NUMBER	[PMMOResult_AAL2_At_NNI_new] M552C10
URJHI4PAHL26SECCB00HW01QK4	INVALID_INFO_AT_NNI	NUMBER	[PMMOResult_AAL2_At_NNI_new] M552C11
URKPKFLAHL26SECCB00HW01QK4	TIMER_EXP_ERQ_AT_NNI	NUMBER	[PMMOResult_AAL2_At_NNI_new] M552C12
URM0012AHL26SECCB00HW01QK4	TIMER_EXP_REL_AT_NNI	NUMBER	[PMMOResult_AAL2_At_NNI_new] M552C13
URN5XE6AHL26SECCB00HW01QK4	TIMER_EXP_RES_AT_NNI	NUMBER	[PMMOResult_AAL2_At_NNI_new] M552C14
UROHNXDAHL26SECCB00HW01QK4	TIMER_EXP_BLO_AT_NNI	NUMBER	[PMMOResult_AAL2_At_NNI_new] M552C15
URPQ0MHAHL26SECCB00HW01QK4	TIMER_EXP_UBL_AT_NNI	NUMBER	[PMMOResult_AAL2_At_NNI_new] M552C16
URR0352AHL26SECCB00HW01QK4	MSG_UNRECOG_AT_NNI	NUMBER	[PMMOResult_AAL2_At_NNI_new] M552C17
URS5TBLAHL26SECCB00HW01QK4	SAI_ALLOC_AT_NNI	NUMBER	[PMMOResult_AAL2_At_NNI_new] M552C18
URTDIN2AHL26SECCB00HW01QK4	CID_VERIF_AT_NNI	NUMBER	[PMMOResult_AAL2_At_NNI_new] M552C19
URUHC2HAHL26SECCB00HW01QK4	TEMP_FAIL_AT_NNI	NUMBER	[PMMOResult_AAL2_At_NNI_new] M552C2
URVLFETAHL26SECCB00HW01QK4	AAL2PI_VERIF_AT_NNI	NUMBER	[PMMOResult_AAL2_At_NNI_new] M552C20
URWPQTHAHL26SECCB00HW01QK4	BINDING_ID_VERIF_AT_NNI	NUMBER	[PMMOResult_AAL2_At_NNI_new] M552C21
URXUTMDAHL26SECCB00	LINK_CHAR_VERIF_	NUMBER	[PMMOResult_AAL2_At_NN

This edition applies to IBM® Tivoli® Netcool® Performance Manager for Wireless and to all subsequent releases and modifications until otherwise indicated in new editions.

HW01QK4	AT_NNI		I_new] M552C22
URYYM2HAHL26SECCB00HW01QK4	ADJ_NODE_NOT_AVAIL_AT_NNI	NUMBER	[PMMOResult_AAL2_At_NNI_new] M552C23
US12UP2AHL26SECCB00HW01QK4	COMMON_AT_NNI	NUMBER	[PMMOResult_AAL2_At_NNI_new] M552C24
US2C166AHL26SECCB00HW01QK4	NODAL_FUNCTION_AT_NNI	NUMBER	[PMMOResult_AAL2_At_NNI_new] M552C25
US3LPVDAHL26SECCB00HW01QK4	UNALLOC_NUMB_AT_NNI	NUMBER	[PMMOResult_AAL2_At_NNI_new] M552C26
US4VOSHAHL26SECCB00HW01QK4	NO_ROUTE_AT_NNI	NUMBER	[PMMOResult_AAL2_At_NNI_new] M552C27
US6DNWPAHL26SECCB00HW01QK4	NO_CHANNEL_AT_NNI	NUMBER	[PMMOResult_AAL2_At_NNI_new] M552C28
USASI1PAHL26SECCB00HW01QK4	RES_MAN_OVERLOAD_AT_NNI	NUMBER	[PMMOResult_AAL2_At_NNI_new] M552C29
USBYN0DAHL26SECCB00HW01QK4	CONGESTION_AT_NNI	NUMBER	[PMMOResult_AAL2_At_NNI_new] M552C3
USDD42TAHL26SECCB00HW01QK4	REQ_CHAN_AT_NNI	NUMBER	[PMMOResult_AAL2_At_NNI_new] M552C4
USENK1XAHL26SECCB00HW01QK4	RES_UNAVAIL_AT_NNI	NUMBER	[PMMOResult_AAL2_At_NNI_new] M552C5
USFUPOLAHL26SECCB00HW01QK4	AAL_PARA_AT_NNI	NUMBER	[PMMOResult_AAL2_At_NNI_new] M552C6
USHAQ4TAHL26SECCB00HW01QK4	INVALID_MSG_AT_NNI	NUMBER	[PMMOResult_AAL2_At_NNI_new] M552C7
USILUW6AHL26SECCB00HW01QK4	MANDAT_INFO_AT_NNI	NUMBER	[PMMOResult_AAL2_At_NNI_new] M552C8
USJVNXTAHL26SECCB00HW01QK4	MSG_NOT_IMPL_AT_NNI	NUMBER	[PMMOResult_AAL2_At_NNI_new] M552C9
XPVF0A2DMM2AICSD002UAXYBDK	M552C30	NUMBER	[PMMOResult_AAL2_At_NNI_new] M552C30
XPVF0A4DMM2AICSD002UAXYBDK	M552C31	NUMBER	[PMMOResult_AAL2_At_NNI_new] M552C31
XPVF0A6DMM2AICSD002UAXYBDK	M552C32	NUMBER	[PMMOResult_AAL2_At_NNI_new] M552C32

XPVF0ABDMM2AICSD002UAXYBDK	M552C33	NUMBER	[PMMOResult_AAL2_At_NNI_new] M552C33
XPVF0ADDMM2AICSD002UAXYBDK	M552C34	NUMBER	[PMMOResult_AAL2_At_NNI_new] M552C34
XPVF0AFDMM2AICSD002UAXYBDK	M552C35	NUMBER	[PMMOResult_AAL2_At_NNI_new] M552C35
XPVF0AHDMM2AICSD002UAXYBDK	M552C36	NUMBER	[PMMOResult_AAL2_At_NNI_new] M552C36
XPVF0AJDMM2AICSD002UAXYBDK	M552C37	NUMBER	[PMMOResult_AAL2_At_NNI_new] M552C37
XPVF0ALDMM2AICSD002UAXYBDK	M552C38	NUMBER	[PMMOResult_AAL2_At_NNI_new] M552C38
XPVF0ANDMM2AICSD002UAXYBDK	M552C39	NUMBER	[PMMOResult_AAL2_At_NNI_new] M552C39
XPVF0APDMM2AICSD002UAXYBDK	M552C40	NUMBER	[PMMOResult_AAL2_At_NNI_new] M552C40
XPVF0ARDMM2AICSD002UAXYBDK	M552C41	NUMBER	[PMMOResult_AAL2_At_NNI_new] M552C41
XPVF0ATDMM2AICSD002UAXYBDK	M552C42	NUMBER	[PMMOResult_AAL2_At_NNI_new] M552C42

7.42.7 NOK_SPNT_ROUTERR_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
SS7_POINT_ID		VARCHAR2(50)	[PMMOResult_SCCP_Sig_Point] RNC & "/" & SNET & "/" & SPCD
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
XPVEYV2DMM2AICSD002UAXYBDK	M216B2C1	NUMBER	[PMMOResult_SCCP_Sig_Point] M216B2C1

This edition applies to IBM® Tivoli® Netcool® Performance Manager for Wireless and to all subsequent releases and modifications until otherwise indicated in new editions.

XPVEYV4DMM2AICSD002UAXYBDK	M216B2C2	NUMBER	[PMMOResult_SCCP_Sig_Point] M216B2C2
XPVEYV6DMM2AICSD002UAXYBDK	M216B2C3	NUMBER	[PMMOResult_SCCP_Sig_Point] M216B2C3
XPVEYVBDMM2AICSD002UAXYBDK	M216B2C4	NUMBER	[PMMOResult_SCCP_Sig_Point] M216B2C4
XPVEYVDDMM2AICSD002UAXYBDK	M216B2C5	NUMBER	[PMMOResult_SCCP_Sig_Point] M216B2C5
XPVEYVFDMM2AICSD002UAXYBDK	M216B2C6	NUMBER	[PMMOResult_SCCP_Sig_Point] M216B2C6
XPVEYVHDMM2AICSD002UAXYBDK	M216B2C7	NUMBER	[PMMOResult_SCCP_Sig_Point] M216B2C7
XPVEYVJDMM2AICSD002UAXYBDK	M216B2C8	NUMBER	[PMMOResult_SCCP_Sig_Point] M216B2C8
XPVEYVLDMM2AICSD002UAXYBDK	M216B2C9	NUMBER	[PMMOResult_SCCP_Sig_Point] M216B2C9
XPVEYVNDMM2AICSD002UAXYBDK	M216B2C10	NUMBER	[PMMOResult_SCCP_Sig_Point] M216B2C10
XPVEYVPDMM2AICSD002UAXYBDK	M216B2C11	NUMBER	[PMMOResult_SCCP_Sig_Point] M216B2C11
XPVEYVRDMM2AICSD002UAXYBDK	M216B2C12	NUMBER	[PMMOResult_SCCP_Sig_Point] M216B2C12

7.42.8 NOK_SPNT_SCCPSIGMSG_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
SS7_POINT_ID		VARCHAR2(50)	[PMMOResult_SCCP_Sig_Point] RNC & "/" & SNET & "/" & SPCD
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
XPVEYVTDMM2AICSD002UAXYBDK	M216B2C13	NUMBER	[PMMOResult_SCCP_Sig_Point] M216B2C13
XPVEYVVDMM2AICSD002UAXYBDK	M216B2C14	NUMBER	[PMMOResult_SCCP_Sig_Point] M216B2C14

XPVEYVXDMM2AICSD002UAXYBDK	M216B2C15	NUMBER	[PMMOResult_SCCP_Sig_Point] M216B2C15
XPVEYW0DMM2AICSD002UAXYBDK	M216B2C16	NUMBER	[PMMOResult_SCCP_Sig_Point] M216B2C16
XPVEYW2DMM2AICSD002UAXYBDK	M216B2C17	NUMBER	[PMMOResult_SCCP_Sig_Point] M216B2C17
XPVEYW4DMM2AICSD002UAXYBDK	M216B2C18	NUMBER	[PMMOResult_SCCP_Sig_Point] M216B2C18
XPVEYW6DMM2AICSD002UAXYBDK	M216B2C19	NUMBER	[PMMOResult_SCCP_Sig_Point] M216B2C19
XPVEYWBDMM2AICSD002UAXYBDK	M216B2C20	NUMBER	[PMMOResult_SCCP_Sig_Point] M216B2C20
XPVEYWDDMM2AICSD002UAXYBDK	M216B2C21	NUMBER	[PMMOResult_SCCP_Sig_Point] M216B2C21
XPVEYWFDMM2AICSD002UAXYBDK	M216B2C22	NUMBER	[PMMOResult_SCCP_Sig_Point] M216B2C22
XPVEYWHDMM2AICSD002UAXYBDK	M216B2C23	NUMBER	[PMMOResult_SCCP_Sig_Point] M216B2C23
XPVEYWJDMM2AICSD002UAXYBDK	M216B2C24	NUMBER	[PMMOResult_SCCP_Sig_Point] M216B2C24
XPVEYWLDMM2AICSD002UAXYBDK	M216B2C25	NUMBER	[PMMOResult_SCCP_Sig_Point] M216B2C25
XPVEYWNDMM2AICSD002UAXYBDK	M216B3C1	NUMBER	[PMMOResult_SCCP_Sig_Point] M216B3C1
XPVEYWPDMM2AICSD002UAXYBDK	M216B3C2	NUMBER	[PMMOResult_SCCP_Sig_Point] M216B3C2
XPVEYWRDMM2AICSD002UAXYBDK	M216B3C3	NUMBER	[PMMOResult_SCCP_Sig_Point] M216B3C3
XPVEYWTDMM2AICSD002UAXYBDK	M216B3C4	NUMBER	[PMMOResult_SCCP_Sig_Point] M216B3C4
XPVEYWVDMM2AICSD002U	M216B3C5	NUMBER	[PMMOResult_SCCP_Sig_Po

This edition applies to IBM® Tivoli® Netcool® Performance Manager for Wireless and to all subsequent releases and modifications until otherwise indicated in new editions.

AXYBDK			int] M216B3C5
XPVEYWXDMM2AICSD002U AXYBDK	M216B3C6	NUMBER	[PMMOResult_SCCP_Sig_Point] M216B3C6
XPVEYX0DMM2AICSD002U AXYBDK	M216B3C7	NUMBER	[PMMOResult_SCCP_Sig_Point] M216B3C7
XPVEYX2DMM2AICSD002U AXYBDK	M216B3C8	NUMBER	[PMMOResult_SCCP_Sig_Point] M216B3C8
XPVEYX4DMM2AICSD002U AXYBDK	M216B3C9	NUMBER	[PMMOResult_SCCP_Sig_Point] M216B3C9
XPVEYX6DMM2AICSD002U AXYBDK	M216B3C10	NUMBER	[PMMOResult_SCCP_Sig_Point] M216B3C10
XPVEYXBDMM2AICSD002U AXYBDK	M216B3C11	NUMBER	[PMMOResult_SCCP_Sig_Point] M216B3C11
XPVEYXDDMM2AICSD002U AXYBDK	M216B3C12	NUMBER	[PMMOResult_SCCP_Sig_Point] M216B3C12
XPVEYXFDMM2AICSD002U AXYBDK	M216B3C13	NUMBER	[PMMOResult_SCCP_Sig_Point] M216B3C13
XPVEYXHDMM2AICSD002U AXYBDK	M216B3C14	NUMBER	[PMMOResult_SCCP_Sig_Point] M216B3C14

7.42.9 NOK_SPNT_SCCPSUB10MSG_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
SS7_POINT_ID		VARCHAR2(50)	[PMMOResult_SCCP_Sig_Point] RNC & "/" & SNET & "/" & SPCD
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
XPVF00RDMM2AICSD002U AXYBDK	M216B3C51	NUMBER	[PMMOResult_SCCP_Sig_Point] M216B3C51
XPVF00TDMM2AICSD002U AXYBDK	M216B3C52	NUMBER	[PMMOResult_SCCP_Sig_Point] M216B3C52
XPVF00VDMM2AICSD002U AXYBDK	M216B3C53	NUMBER	[PMMOResult_SCCP_Sig_Point] M216B3C53
XPVF00XDMM2AICSD002U	M216B3C54	NUMBER	[PMMOResult_SCCP_Sig_Poi

AXYBDK			nt] M216B3C54

7.42.10NOK_SPNT_SCCPSUB11MSG_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
SS7_POINT_ID		VARCHAR2(50)	[PMMOResult_SCCP_Sig_Point] RNC & "/" & SNET & "/" & SPCD
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
XPVF010DMM2AICSD002UAXYBDK	M216B3C55	NUMBER	[PMMOResult_SCCP_Sig_Point] M216B3C55
XPVF012DMM2AICSD002UAXYBDK	M216B3C56	NUMBER	[PMMOResult_SCCP_Sig_Point] M216B3C56
XPVF014DMM2AICSD002UAXYBDK	M216B3C57	NUMBER	[PMMOResult_SCCP_Sig_Point] M216B3C57
XPVF016DMM2AICSD002UAXYBDK	M216B3C58	NUMBER	[PMMOResult_SCCP_Sig_Point] M216B3C58

7.42.11NOK_SPNT_SCCPSUB12MSG_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
SS7_POINT_ID		VARCHAR2(50)	[PMMOResult_SCCP_Sig_Point] RNC & "/" & SNET & "/" & SPCD
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
XPVF01BDMM2AICSD002UAXYBDK	M216B3C59	NUMBER	[PMMOResult_SCCP_Sig_Point] M216B3C59
XPVF01DDMM2AICSD002UAXYBDK	M216B3C60	NUMBER	[PMMOResult_SCCP_Sig_Point] M216B3C60

This edition applies to IBM® Tivoli® Netcool® Performance Manager for Wireless and to all subsequent releases and modifications until otherwise indicated in new editions.

XPVF01FDMM2AICSD002UAXYBDK	M216B3C61	NUMBER	[PMMOResult_SCCP_Sig_Point] M216B3C61
XPVF01HDMM2AICSD002UAXYBDK	M216B3C62	NUMBER	[PMMOResult_SCCP_Sig_Point] M216B3C62

7.42.12NOK_SPNT_SCCPSUB13MSG_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
SS7_POINT_ID		VARCHAR2(50)	[PMMOResult_SCCP_Sig_Point] RNC & "/" & SNET & "/" & SPCD
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
XPVF01JDMM2AICSD002UAXYBDK	M216B3C63	NUMBER	[PMMOResult_SCCP_Sig_Point] M216B3C63
XPVF01LDMM2AICSD002UAXYBDK	M216B3C64	NUMBER	[PMMOResult_SCCP_Sig_Point] M216B3C64
XPVF01NDMM2AICSD002UAXYBDK	M216B3C65	NUMBER	[PMMOResult_SCCP_Sig_Point] M216B3C65
XPVF01PDMM2AICSD002UAXYBDK	M216B3C66	NUMBER	[PMMOResult_SCCP_Sig_Point] M216B3C66

7.42.13NOK_SPNT_SCCPSUB14MSG_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
SS7_POINT_ID		VARCHAR2(50)	[PMMOResult_SCCP_Sig_Point] RNC & "/" & SNET & "/" & SPCD
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
XPVF01RDMM2AICSD002UAXYBDK	M216B3C67	NUMBER	[PMMOResult_SCCP_Sig_Point] M216B3C67
XPVF01TDMM2AICSD002UAXYBDK	M216B3C68	NUMBER	[PMMOResult_SCCP_Sig_Point] M216B3C68
XPVF01VDMM2AICSD002UAXYBDK	M216B3C69	NUMBER	[PMMOResult_SCCP_Sig_Point] M216B3C69

XPVF01XDMM2AICSD002UAXYBDK	M216B3C70	NUMBER	[PMMOResult_SCCP_Sig_Point] M216B3C70

7.42.14NOK_SPNT_SCCPSUB15MSG_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
SS7_POINT_ID		VARCHAR2(50)	[PMMOResult_SCCP_Sig_Point] RNC & "/" & SNET & "/" & SPCD
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
XPVF020DMM2AICSD002UAXYBDK	M216B3C71	NUMBER	[PMMOResult_SCCP_Sig_Point] M216B3C71
XPVF022DMM2AICSD002UAXYBDK	M216B3C72	NUMBER	[PMMOResult_SCCP_Sig_Point] M216B3C72
XPVF024DMM2AICSD002UAXYBDK	M216B3C73	NUMBER	[PMMOResult_SCCP_Sig_Point] M216B3C73
XPVF026DMM2AICSD002UAXYBDK	M216B3C74	NUMBER	[PMMOResult_SCCP_Sig_Point] M216B3C74

7.42.15NOK_SPNT_SCCPSUB16MSG_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
SS7_POINT_ID		VARCHAR2(50)	[PMMOResult_SCCP_Sig_Point] RNC & "/" & SNET & "/" & SPCD
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
XPVF02BDMM2AICSD002UAXYBDK	M216B3C75	NUMBER	[PMMOResult_SCCP_Sig_Point] M216B3C75
XPVF02DDMM2AICSD002UAXYBDK	M216B3C76	NUMBER	[PMMOResult_SCCP_Sig_Point] M216B3C76

This edition applies to IBM® Tivoli® Netcool® Performance Manager for Wireless and to all subsequent releases and modifications until otherwise indicated in new editions.

XPVF02FDMM2AICSD002UAXYBDK	M216B3C77	NUMBER	[PMMOResult_SCCP_Sig_Point] M216B3C77
XPVF02HDMM2AICSD002UAXYBDK	M216B3C78	NUMBER	[PMMOResult_SCCP_Sig_Point] M216B3C78

7.42.16NOK_SPNT_SCCPSUB17MSG_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
SS7_POINT_ID		VARCHAR2(50)	[PMMOResult_SCCP_Sig_Point] RNC & "/" & SNET & "/" & SPCD
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
XPVF02JDMM2AICSD002UAXYBDK	M216B3C79	NUMBER	[PMMOResult_SCCP_Sig_Point] M216B3C79
XPVF02LDMM2AICSD002UAXYBDK	M216B3C80	NUMBER	[PMMOResult_SCCP_Sig_Point] M216B3C80
XPVF02NDMM2AICSD002UAXYBDK	M216B3C81	NUMBER	[PMMOResult_SCCP_Sig_Point] M216B3C81
XPVF02PDMM2AICSD002UAXYBDK	M216B3C82	NUMBER	[PMMOResult_SCCP_Sig_Point] M216B3C82

7.42.17NOK_SPNT_SCCPSUB18MSG_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
SS7_POINT_ID		VARCHAR2(50)	[PMMOResult_SCCP_Sig_Point] RNC & "/" & SNET & "/" & SPCD
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
XPVF02RDMM2AICSD002UAXYBDK	M216B3C83	NUMBER	[PMMOResult_SCCP_Sig_Point] M216B3C83
XPVF02TDMM2AICSD002UAXYBDK	M216B3C84	NUMBER	[PMMOResult_SCCP_Sig_Point] M216B3C84
XPVF02VDMM2AICSD002UAXYBDK	M216B3C85	NUMBER	[PMMOResult_SCCP_Sig_Point] M216B3C85

XPVF02XDMM2AICSD002UAXYBDK	M216B3C86	NUMBER	[PMMOResult_SCCP_Sig_Point] M216B3C86

7.42.18NOK_SPNT_SCCPSUB19MSG_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
SS7_POINT_ID		VARCHAR2(50)	[PMMOResult_SCCP_Sig_Point] RNC & "/" & SNET & "/" & SPCD
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
XPVF030DMM2AICSD002UAXYBDK	M216B3C87	NUMBER	[PMMOResult_SCCP_Sig_Point] M216B3C87
XPVF032DMM2AICSD002UAXYBDK	M216B3C88	NUMBER	[PMMOResult_SCCP_Sig_Point] M216B3C88
XPVF034DMM2AICSD002UAXYBDK	M216B3C89	NUMBER	[PMMOResult_SCCP_Sig_Point] M216B3C89
XPVF036DMM2AICSD002UAXYBDK	M216B3C90	NUMBER	[PMMOResult_SCCP_Sig_Point] M216B3C90

7.42.19NOK_SPNT_SCCPSUB1MSG_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
SS7_POINT_ID		VARCHAR2(50)	[PMMOResult_SCCP_Sig_Point] RNC & "/" & SNET & "/" & SPCD
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
XPVEYXJDMM2AICSD002UAXYBDK	M216B3C15	NUMBER	[PMMOResult_SCCP_Sig_Point] M216B3C15
XPVEYXLDMM2AICSD002UAXYBDK	M216B3C16	NUMBER	[PMMOResult_SCCP_Sig_Point] M216B3C16

This edition applies to IBM® Tivoli® Netcool® Performance Manager for Wireless and to all subsequent releases and modifications until otherwise indicated in new editions.

XPVEYXNDMM2AICSD002UAXYBDK	M216B3C17	NUMBER	[PMMOResult_SCCP_Sig_Point] M216B3C17
XPVEYXPDMM2AICSD002UAXYBDK	M216B3C18	NUMBER	[PMMOResult_SCCP_Sig_Point] M216B3C18

7.42.20NOK_SPNT_SCCPSUB20MSG_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
SS7_POINT_ID		VARCHAR2(50)	[PMMOResult_SCCP_Sig_Point] RNC & "/" & SNET & "/" & SPCD
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
XPVF03BDMM2AICSD002UAXYBDK	M216B3C91	NUMBER	[PMMOResult_SCCP_Sig_Point] M216B3C91
XPVF03DDMM2AICSD002UAXYBDK	M216B3C92	NUMBER	[PMMOResult_SCCP_Sig_Point] M216B3C92
XPVF03FDMM2AICSD002UAXYBDK	M216B3C93	NUMBER	[PMMOResult_SCCP_Sig_Point] M216B3C93
XPVF03HDMM2AICSD002UAXYBDK	M216B3C94	NUMBER	[PMMOResult_SCCP_Sig_Point] M216B3C94

7.42.21NOK_SPNT_SCCPSUB2MSG_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
SS7_POINT_ID		VARCHAR2(50)	[PMMOResult_SCCP_Sig_Point] RNC & "/" & SNET & "/" & SPCD
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
XPVEYXRDMM2AICSD002UAXYBDK	M216B3C19	NUMBER	[PMMOResult_SCCP_Sig_Point] M216B3C19
XPVEYXTDMM2AICSD002UAXYBDK	M216B3C20	NUMBER	[PMMOResult_SCCP_Sig_Point] M216B3C20
XPVEYXVDMM2AICSD002UAXYBDK	M216B3C21	NUMBER	[PMMOResult_SCCP_Sig_Point] M216B3C21

XPVEYXXDMM2AICSD002UAXYBDK	M216B3C22	NUMBER	[PMMOResult_SCCP_Sig_Point] M216B3C22

7.42.22NOK_SPNT_SCCPSUB3MSG_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
SS7_POINT_ID		VARCHAR2(50)	[PMMOResult_SCCP_Sig_Point] RNC & "/" & SNET & "/" & SPCD
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
XPVEYY0DMM2AICSD002UAXYBDK	M216B3C23	NUMBER	[PMMOResult_SCCP_Sig_Point] M216B3C23
XPVEYY2DMM2AICSD002UAXYBDK	M216B3C24	NUMBER	[PMMOResult_SCCP_Sig_Point] M216B3C24
XPVEYY4DMM2AICSD002UAXYBDK	M216B3C25	NUMBER	[PMMOResult_SCCP_Sig_Point] M216B3C25
XPVEYY6DMM2AICSD002UAXYBDK	M216B3C26	NUMBER	[PMMOResult_SCCP_Sig_Point] M216B3C26

7.42.23NOK_SPNT_SCCPSUB4MSG_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
SS7_POINT_ID		VARCHAR2(50)	[PMMOResult_SCCP_Sig_Point] RNC & "/" & SNET & "/" & SPCD
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
XPVEYYBDMM2AICSD002UAXYBDK	M216B3C27	NUMBER	[PMMOResult_SCCP_Sig_Point] M216B3C27
XPVEYYDDMM2AICSD002UAXYBDK	M216B3C28	NUMBER	[PMMOResult_SCCP_Sig_Point] M216B3C28

This edition applies to IBM® Tivoli® Netcool® Performance Manager for Wireless and to all subsequent releases and modifications until otherwise indicated in new editions.

XPVEYYFDMM2AICSD002UAXYBDK	M216B3C29	NUMBER	[PMMOResult_SCCP_Sig_Point] M216B3C29
XPVEYYHDMM2AICSD002UAXYBDK	M216B3C30	NUMBER	[PMMOResult_SCCP_Sig_Point] M216B3C30

7.42.24NOK_SPNT_SCCPSUB5MSG_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
SS7_POINT_ID		VARCHAR2(50)	[PMMOResult_SCCP_Sig_Point] RNC & "/" & SNET & "/" & SPCD
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
XPVEYYJDMM2AICSD002UAXYBDK	M216B3C31	NUMBER	[PMMOResult_SCCP_Sig_Point] M216B3C31
XPVEYYLDMM2AICSD002UAXYBDK	M216B3C32	NUMBER	[PMMOResult_SCCP_Sig_Point] M216B3C32
XPVEYYNDMM2AICSD002UAXYBDK	M216B3C33	NUMBER	[PMMOResult_SCCP_Sig_Point] M216B3C33
XPVEYYPDMM2AICSD002UAXYBDK	M216B3C34	NUMBER	[PMMOResult_SCCP_Sig_Point] M216B3C34

7.42.25NOK_SPNT_SCCPSUB6MSG_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
SS7_POINT_ID		VARCHAR2(50)	[PMMOResult_SCCP_Sig_Point] RNC & "/" & SNET & "/" & SPCD
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
XPVEYYRDMM2AICSD002UAXYBDK	M216B3C35	NUMBER	[PMMOResult_SCCP_Sig_Point] M216B3C35
XPVEYYTDMM2AICSD002UAXYBDK	M216B3C36	NUMBER	[PMMOResult_SCCP_Sig_Point] M216B3C36
XPVEYYVDMM2AICSD002UAXYBDK	M216B3C37	NUMBER	[PMMOResult_SCCP_Sig_Point] M216B3C37

XPVEYYXDMM2AICSD002UAXYBDK	M216B3C38	NUMBER	[PMMOResult_SCCP_Sig_Point] M216B3C38

7.42.26NOK_SPNT_SCCPSUB7MSG_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
SS7_POINT_ID		VARCHAR2(50)	[PMMOResult_SCCP_Sig_Point] RNC & "/" & SNET & "/" & SPCD
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
XPVF000DMM2AICSD002UAXYBDK	M216B3C39	NUMBER	[PMMOResult_SCCP_Sig_Point] M216B3C39
XPVF002DMM2AICSD002UAXYBDK	M216B3C40	NUMBER	[PMMOResult_SCCP_Sig_Point] M216B3C40
XPVF004DMM2AICSD002UAXYBDK	M216B3C41	NUMBER	[PMMOResult_SCCP_Sig_Point] M216B3C41
XPVF006DMM2AICSD002UAXYBDK	M216B3C42	NUMBER	[PMMOResult_SCCP_Sig_Point] M216B3C42

7.42.27NOK_SPNT_SCCPSUB8MSG_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
SS7_POINT_ID		VARCHAR2(50)	[PMMOResult_SCCP_Sig_Point] RNC & "/" & SNET & "/" & SPCD
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
XPVF00BDMM2AICSD002UAXYBDK	M216B3C43	NUMBER	[PMMOResult_SCCP_Sig_Point] M216B3C43
XPVF00DDMM2AICSD002UAXYBDK	M216B3C44	NUMBER	[PMMOResult_SCCP_Sig_Point] M216B3C44

This edition applies to IBM® Tivoli® Netcool® Performance Manager for Wireless and to all subsequent releases and modifications until otherwise indicated in new editions.

XPVF00FDMM2AICSD002UAXYBDK	M216B3C45	NUMBER	[PMMOResult_SCCP_Sig_Point] M216B3C45
XPVF00HDMM2AICSD002UAXYBDK	M216B3C46	NUMBER	[PMMOResult_SCCP_Sig_Point] M216B3C46

7.42.28NOK_SPNT_SCCPSUB9MSG_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
SS7_POINT_ID		VARCHAR2(50)	[PMMOResult_SCCP_Sig_Point] RNC & "/" & SNET & "/" & SPCD
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
XPVF00JDMM2AICSD002UAXYBDK	M216B3C47	NUMBER	[PMMOResult_SCCP_Sig_Point] M216B3C47
XPVF00LDMM2AICSD002UAXYBDK	M216B3C48	NUMBER	[PMMOResult_SCCP_Sig_Point] M216B3C48
XPVF00NDMM2AICSD002UAXYBDK	M216B3C49	NUMBER	[PMMOResult_SCCP_Sig_Point] M216B3C49
XPVF00PDMM2AICSD002UAXYBDK	M216B3C50	NUMBER	[PMMOResult_SCCP_Sig_Point] M216B3C50

7.43 Raw WAC_Unit Tables

7.43.1 NOK_NKWAC_WACOVR_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
WAC_UNIT_ID		VARCHAR2(50)	[PMMOResult_Overload_WAC] RNC & "/" & UNIT_TYPE & "/" & UNIT_INDEX & "/" & WAC_USER
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
USL6X0DAHL26SECCB00HW01QK4	WAC_GATE_REQ_TOTAL	NUMBER	[PMMOResult_Overload_WAC] M594C0
USMKCC2AHL26SECCB00	WAC_GATE_REQ_T	NUMBER	[PMMOResult_Overload_WA

HW01QK4	OTAL_REJ		C] M594C1

This edition applies to IBM® Tivoli® Netcool® Performance Manager for Wireless and to all subsequent releases and modifications until otherwise indicated in new editions.

8 Performance Alarms

This section shows details of the performance alarms that are defined in this technology pack module:

None.

9 Reports

This section shows details of the reports that are defined in this technology pack module.

All reports can be run as raw, daily, weekly or monthly reports.

Where a KPI is marked (DA), it means Data Availability is to be reported upon it.

9.1 AGPS_IF Server Connection Report

This report describes the connections and data requests to the AGPS Server for AGPS functionality.

Report Feature	Details
Report Tree Branch	System.UMTS.Engineering.UTRAN.Nokia.AGPS_IF
Primary Object	AGPS_IF
Graph for AGPS Connection and Data Requests	AGPS_IF.Nokia.agps_measurements._ %_successful_connections_to_agps_server, AGPS_IF.Nokia.agps_measurements._ %_successful_data_requests_from_agps_server
Table for AGPS Connection and Data Requests	AGPS_IF.RNC_Id, AGPS_IF.AGPS_IF_Id, AGPS_IF.Nokia.agps_measurements.successful_connections_to_agps_server, AGPS_IF.Nokia.agps_measurements.unsuccessful_connections_to_agps_server, AGPS_IF.Nokia.agps_measurements.lost_connection_to_agps_server, AGPS_IF.Nokia.agps_measurements.successful_data_requests_from_agps_server, AGPS_IF.Nokia.agps_measurements.unsuccessful_data_requests_from_agps_server, AGPS_IF.Nokia.agps_measurements._ %_successful_connections_to_agps_server, AGPS_IF.Nokia.agps_measurements._ %_successful_data_requests_from_agps_server

9.2 ATM VCC CAC Resource Utilisation

This report shows the AAL2 Connection Admission Control average resource utilisation covering normal, reserved AAL2 connections as well as a for HSDPA connections.

Report Feature	Details
Report Tree Branch	System.UMTS.Engineering.UTRAN.Nokia.ATM_VCC
Primary Object	ATM_VCC
Table for AAL2 CAC Resource	ATM_VPC.ATM_VPC_Name, ATM_VCC.ATM_VCC_Id, ATM_VCC.Nokia.cac_resource.avg_aal2_connections, ATM_VCC.Nokia.cac_resource.avg_reserved_cell_rate, ATM_VCC.Nokia.cac_resource.avg_aal2_connections_hsdpa, ATM_VCC.Nokia.cac_resource.avg_shared_hsdpa_aal2_allocation

9.3 ATM VCC Connection Resource Allocation

This report shows the AAL2 transport resource allocation performance.

Report Feature	Details
Report Tree Branch	System.UMTS.Engineering.UTRAN.Nokia.ATM_VCC
Primary Object	ATM_VCC
Table for AAL2 Resource Allocation	ATM_VPC.ATM_VPC_Name, ATM_VCC.ATM_VCC_Id, ATM_VCC.Nokia.resource_reservation.aal2_succeeded, ATM_VCC.Nokia.resource_reservation.aal2_rejected, ATM_VCC.Nokia.resource_reservation._%_res_succeeded, ATM_VCC.Nokia.resource_reservation.aal2_succeeded_hsdpa, ATM_VCC.Nokia.resource_reservation.other_rejected_hsdpa, ATM_VCC.Nokia.resource_reservation._%_aal2_succeeded_hsdpa
Table for AAL2 Allocation Failure per Cause	ATM_VPC.ATM_VPC_Name, ATM_VCC.ATM_VCC_Id, ATM_VCC.Nokia.resource_reservation.res_int_cap, ATM_VCC.Nokia.resource_reservation.res_ext_cap, ATM_VCC.Nokia.resource_reservation.res_other, ATM_VCC.Nokia.resource_reservation.reject_hsdpa_too_many_users , ATM_VCC.Nokia.resource_reservation.transport_rejected_ext_hsdpa, ATM_VCC.Nokia.resource_reservation.transport_rejected_int_hsdpa

9.4 Cell Availability

This report uses the Cell availability formula stated Nokia WCDMA RAN KPI documentation which is based on the average code usage in the pool.

Report Feature	Details
Report Tree Branch	System.UMTS.Engineering.UTRAN.Nokia.Cell
Primary Object	Cell
Graphs for Cell Availability	Cell.Cell_Id, Cell.Nokia.RAN_Usage.Service_Level.cell_availability
Table for Cell Availability	Cell.BS_Id, Cell.Cell_Id, Cell.Cell_Name, Cell.Nokia.RAN_Usage.Service_Level.cell_availability

9.5 Cell Average RAB and DCH Holding Times

Report for RAB holding times for all CS and PS services.CS covering voice, conversational , streaming while PS covering conversational, streaming, interactive , background.Includes DCH Holding times -PS Interactive , Background services. Data units-10ms

Report Feature	Details
Report Tree Branch	System.UMTS.Engineering.UTRAN.Nokia.Cell
Primary Object	Cell
Graph for CS RAB Holding Times	Cell.Cell_Id, Cell.Nokia.rab.holding_times.average_rab_holding_time_for_cs_voice_call, Cell.Nokia.rab.holding_times.average_rab_holding_time_for_cs_data_call_with_streaming_class, Cell.Nokia.rab.holding_times.average_rab_holding_time_for_cs_data_call_with_conversational_class
Graph for PS RAB and DCH Holding Times	Cell.Cell_Id, Cell.Nokia.rab.holding_times.average_rab_holding_time_for_ps_call_with_streaming_class, Cell.Nokia.rab.holding_times.average_rab_holding_time_for_ps_call_with_conversational_class, Cell.Nokia.rab.holding_times.average_rab_holding_time_for_ps_call_with_interactive_class, Cell.Nokia.rab.holding_times.average_rab_holding_time_for_ps_call_with_background_class, Cell.Nokia.rab.holding_times.average_dch_holding_time_for_ps_rab_with_interactive_class, Cell.Nokia.rab.holding_times.average_dch_holding_time_for_ps_rab_

	with_background_class
Table for RAB Holding Times	Cell.BSC_Id, Cell.Cell_Id, Cell.Cell_Name, Cell.Nokia.rab.holding_times.average_rab_holding_time_for_cs_voice_call, Cell.Nokia.rab.holding_times.average_rab_holding_time_for_cs_data_call_with_streaming_class, Cell.Nokia.rab.holding_times.average_rab_holding_time_for_cs_data_call_with_conversational_class, Cell.Nokia.rab.holding_times.average_rab_holding_time_for_ps_call_with_streaming_class, Cell.Nokia.rab.holding_times.average_rab_holding_time_for_ps_call_with_conversational_class, Cell.Nokia.rab.holding_times.average_rab_holding_time_for_ps_call_with_interactive_class, Cell.Nokia.rab.holding_times.average_rab_holding_time_for_ps_call_with_background_class, Cell.Nokia.rab.holding_times.average_dch_holding_time_for_ps_rab_with_interactive_class, Cell.Nokia.rab.holding_times.average_dch_holding_time_for_ps_rab_with_background_class

9.6 Cell Average RRC and RAB Setup Times

Report for RRC , RAB setup times for all CS , PS services. CS covering voice, conversational ,streaming while PS covering conversational, streaming, interactive , background. RRC Setup time covers both RRC Setup , RRC Access phases. Data units-10ms.

Report Feature	Details
Report Tree Branch	System.UMTS.Engineering.UTRAN.Nokia.Cell
Primary Object	Cell
Graph for RRC and CS RAB Setup Times	Cell.Cell_Id, Cell.Nokia.rab.setup_time.average_setup_time_for_rrc, Cell.Nokia.rab.setup_time.average_setup_time_for_cs_voice_rab, Cell.Nokia.rab.setup_time.average_setup_time_for_cs_data_stream_rab, Cell.Nokia.rab.setup_time.average_setup_time_for_cs_data_conv_rab
Graph for PS RAB Setup Times	Cell.Cell_Id, Cell.Nokia.rab.setup_time.average_setup_time_for_ps_data_stream_rab, Cell.Nokia.rab.setup_time.average_setup_time_for_ps_data_conv_rab, Cell.Nokia.rab.setup_time.average_setup_time_for_ps_data_interactive_rab,

	Cell.Nokia.rab.setup_time.average_setup_time_for_ps_data_backroun d_rab
Table for RRC and RAB Setup Times	Cell.BSC_Id, Cell.Cell_Id, Cell.Cell_Name, Cell.Nokia.rab.setup_time.average_setup_time_for_cs_voice_rab, Cell.Nokia.rab.setup_time.average_setup_time_for_cs_data_stream_ra b, Cell.Nokia.rab.setup_time.average_setup_time_for_cs_data_conv_rab, Cell.Nokia.rab.setup_time.average_setup_time_for_ps_data_stream_ra b, Cell.Nokia.rab.setup_time.average_setup_time_for_ps_data_conv_rab , Cell.Nokia.rab.setup_time.average_setup_time_for_ps_data_interactiv e_rab, Cell.Nokia.rab.setup_time.average_setup_time_for_ps_data_backroun d_rab

9.7 Cell Channel Element Utilisation Voice

This report describes the average Channel Element Used for conversational voice service.

Report Feature	Details
Report Tree Branch	System.UMTS.Engineering.UTRAN.Nokia.Cell
Primary Object	Cell
Cell Channel Element Utilisation Voice	Cell.Cell_Id, Cell.Cell_Name, Cell.Nokia.ce_capacity.Avg_used_ce_cs_conversational_64_kbps, Cell.Nokia.ce_capacity.Avg_used_ce_amr_allocations

9.8 Cell Ch Element Utilisation PS Background 1

This part 1 of the report describes the average Channel Element Used for PS Background Services.

Report Feature	Details
Report Tree Branch	System.UMTS.Engineering.UTRAN.Nokia.Cell
Primary Object	Cell
Table for PS Background 1 - UL	Cell.Cell_Id, Cell.Cell_Name, Cell.Nokia.ce_capacity.Avg_used_ce_ps_background_8_kbps_ul,

	Cell.Nokia.ce_capacity.Avg_used_ce_ps_background_16_kbps_ul, Cell.Nokia.ce_capacity.Avg_used_ce_ps_background_32_kbps_ul, Cell.Nokia.ce_capacity.Avg_used_ce_ps_background_64_kbps_ul, Cell.Nokia.ce_capacity.Avg_used_ce_ps_background_128_kbps_ul, Cell.Nokia.ce_capacity.Avg_used_ce_ps_background_256_kbps_ul, Cell.Nokia.ce_capacity.Avg_used_ce_ps_background_384_kbps_ul

9.9 Cell Ch Element Utilisation PS Background 2

This part 2 of the report describes the average Channel Element Used for PS Background Services.

Report Feature	Details
Report Tree Branch	System.UMTS.Engineering.UTRAN.Nokia.Cell
Primary Object	Cell
Table for PS Background 2 - DL	Cell.Cell_Id, Cell.Cell_Name, Cell.Nokia.ce_capacity.Avg_used_ce_ps_background_8_kbps_dl, Cell.Nokia.ce_capacity.Avg_used_ce_ps_background_16_kbps_dl, Cell.Nokia.ce_capacity.Avg_used_ce_ps_background_32_kbps_dl, Cell.Nokia.ce_capacity.Avg_used_ce_ps_background_64_kbps_dl, Cell.Nokia.ce_capacity.Avg_used_ce_ps_background_128_kbps_dl, Cell.Nokia.ce_capacity.Avg_used_ce_ps_background_256_kbps_dl, Cell.Nokia.ce_capacity.Avg_used_ce_ps_background_384_kbps_dl

9.10 Cell Ch Element Utilise CS PS Streaming 1

This part 1 of the report describes the average Channel Element Used for CS/PS Streaming Services.

Report Feature	Details
Report Tree Branch	System.UMTS.Engineering.UTRAN.Nokia.Cell
Primary Object	Cell
Table for CS/PS Streaming 1 - UL	Cell.Cell_Id, Cell.Cell_Name, Cell.Nokia.ce_capacity.Avg_used_ce_cs_streaming_144_kbps, Cell.Nokia.ce_capacity.Avg_used_ce_cs_streaming_576_kbps, Cell.Nokia.ce_capacity.Avg_used_ce_ps_streaming_8_kbps_ul, Cell.Nokia.ce_capacity.Avg_used_ce_ps_streaming_16_kbps_ul, Cell.Nokia.ce_capacity.Avg_used_ce_ps_streaming_32_kbps_ul, Cell.Nokia.ce_capacity.Avg_used_ce_ps_streaming_64_kbps_ul, Cell.Nokia.ce_capacity.Avg_used_ce_ps_streaming_128_kbps_ul

9.11 Cell Ch Element Utilise CS PS Streaming 2

This part 2 of the report describes the average Channel Element Used for CS/PS Streaming Services.

Report Feature	Details
Report Tree Branch	System.UMTS.Engineering.UTRAN.Nokia.Cell
Primary Object	Cell
Table for CS/PS Streaming 2 - DL	Cell.Cell_Id, Cell.Cell_Name, Cell.Nokia.ce_capacity.Avg_used_ce_ps_streaming_8_kbps_dl, Cell.Nokia.ce_capacity.Avg_used_ce_ps_streaming_16_kbps_dl, Cell.Nokia.ce_capacity.Avg_used_ce_ps_streaming_32_kbps_dl, Cell.Nokia.ce_capacity.Avg_used_ce_ps_streaming_64_kbps_dl, Cell.Nokia.ce_capacity.Avg_used_ce_ps_streaming_128_kbps_dl, Cell.Nokia.ce_capacity.Avg_used_ce_ps_streaming_256_kbps_dl, Cell.Nokia.ce_capacity.Avg_used_ce_ps_streaming_384_kbps_dl

9.12 Cell Ch Element Utilise PS Interactive 1

This part 1 of the report describes the average Channel Element Used for PS Interactive Services.

Report Feature	Details
Report Tree Branch	System.UMTS.Engineering.UTRAN.Nokia.Cell
Primary Object	Cell
Table for PS Interactive 1 - UL	Cell.Cell_Id, Cell.Cell_Name, Cell.Nokia.ce_capacity.Avg_used_ce_ps_interactive_8_kbps_ul, Cell.Nokia.ce_capacity.Avg_used_ce_ps_interactive_16_kbps_ul, Cell.Nokia.ce_capacity.Avg_used_ce_ps_interactive_32_kbps_ul, Cell.Nokia.ce_capacity.Avg_used_ce_ps_interactive_64_kbps_ul, Cell.Nokia.ce_capacity.Avg_used_ce_ps_interactive_128_kbps_ul, Cell.Nokia.ce_capacity.Avg_used_ce_ps_interactive_256_kbps_ul, Cell.Nokia.ce_capacity.Avg_used_ce_ps_interactive_384_kbps_ul

9.13 Cell Ch Element Utlise PS Interactive 2

This part 2 of the report describes the average Channel Element Used for PS Interactive Services.

Report Feature	Details

Report Tree Branch	System.UMTS.Engineering.UTRAN.Nokia.Cell
Primary Object	Cell
Table for PS Interactive 2 - DL	Cell.Cell_Id, Cell.Cell_Name, Cell.Nokia.ce_capacity.Avg_used_ce_ps_interactive_8_kbps_dl, Cell.Nokia.ce_capacity.Avg_used_ce_ps_interactive_16_kbps_dl, Cell.Nokia.ce_capacity.Avg_used_ce_ps_interactive_32_kbps_dl, Cell.Nokia.ce_capacity.Avg_used_ce_ps_interactive_64_kbps_dl, Cell.Nokia.ce_capacity.Avg_used_ce_ps_interactive_128_kbps_dl, Cell.Nokia.ce_capacity.Avg_used_ce_ps_interactive_256_kbps_dl, Cell.Nokia.ce_capacity.Avg_used_ce_ps_interactive_384_kbps_dl

9.14 Cell Code Usage and Unavailability

This report shows the code pool usage and unavailability.

Report Feature	Details
Report Tree Branch	System.UMTS.Engineering.UTRAN.Nokia.Cell
Primary Object	Cell
Graph for Code Pool Usage	Cell.Cell_Id, Cell.Nokia.code_occupancy.max_code_occupancy_percentage, Cell.Nokia.code_occupancy.minimum_code_occupancy_percentage, Cell.Nokia.code_occupancy.avg_usage_of_code_capacity
Table for Code Pool Usage and Unavailability	RNC.RNC_Id, Cell.Cell_Id, Cell.Cell_Name, Cell.Nokia.code_blocking.no_codes_available_sf4, Cell.Nokia.code_blocking.no_codes_available_sf8, Cell.Nokia.code_blocking.no_codes_available_sf16, Cell.Nokia.code_blocking.no_codes_available_sf32, Cell.Nokia.code_blocking.no_codes_available_sf64, Cell.Nokia.code_blocking.no_codes_available_sf128, Cell.Nokia.code_blocking.no_codes_available_sf256, Cell.Nokia.code_occupancy.max_code_occupancy_percentage, Cell.Nokia.code_occupancy.minimum_code_occupancy_percentage, Cell.Nokia.code_occupancy.avg_usage_of_code_capacity, Cell.Nokia.code_blocking.the_nbr_of_succ_code_tree_allo

9.15 Cell CS Erlang

This report shows the value of CS Erlang as given by the Nokia WCDMA RAN KPI document. The calculation takes into consideration of the CS type services (Voice, 64kbps conversational, 14.4 kbps streaming, 57.6kbps streaming).

Report Feature	Details
Report Tree Branch	System.UMTS.Engineering.UTRAN.Nokia.Cell
Primary Object	Cell
Graph for CS Erlang in the Cell	Cell.Cell_Id, Cell.Nokia.RAN_Usage.Cell_Usage.cs_erlang
Table for CS Erlang in the Cell	Cell.BSC_Id, Cell.Cell_Id, Cell.Cell_Name, Cell.Nokia.RAN_Usage.Cell_Usage.cs_erlang

9.16 Cell CS PS Service Traffic Throughput

This report shows the throughput of the service traffic on SRNC according to each service class.

Report Feature	Details
Report Tree Branch	System.UMTS.Engineering.UTRAN.Nokia.Cell
Primary Object	Cell
Graph for CS Traffic	Cell.Nokia.traffic.dch_duration_cs_voice_calls.srnc.ul_cs_amr_throughput, Cell.Nokia.traffic.dch_duration_cs_voice_calls.srnc.dl_cs_amr_throughput, Cell.Nokia.traffic.dch_allocations_cs_data_calls.srnc.transparent_cs_data_throughput, Cell.Nokia.traffic.dch_allocations_cs_data_calls.srnc.ul_non_transparent_cs_data_throughput, Cell.Nokia.traffic.dch_allocations_cs_data_calls.srnc.dl_non_transparent_cs_data_throughput
Table for CS Traffic	Cell.BSC_Id, Cell.Cell_Id, Cell.Cell_Name, Cell.Nokia.traffic.dch_duration_cs_voice_calls.srnc.ul_cs_amr_throughput, Cell.Nokia.traffic.dch_duration_cs_voice_calls.srnc.dl_cs_amr_throughput, Cell.Nokia.traffic.dch_allocations_cs_data_calls.srnc.transparent_cs_data_throughput, Cell.Nokia.traffic.dch_allocations_cs_data_calls.srnc.ul_non_transparent_cs_data_throughput, Cell.Nokia.traffic.dch_allocations_cs_data_calls.srnc.dl_non_transpar

	ent_cs_data_throughput
Graph for PS Traffic	Cell.Nokia.traffic.rt_dch_allocations_ps_calls_conv_class.srnc.ul_ps_data_conv_class_throughput, Cell.Nokia.traffic.rt_dch_allocations_ps_calls_conv_class.srnc.dl_ps_data_conv_class_throughput, Cell.Nokia.traffic.rt_dch_allocations_ps_calls_stream_class.srnc.ul_ps_data_stream_class_throughput, Cell.Nokia.traffic.rt_dch_allocations_ps_calls_stream_class.srnc.dl_ps_data_stream_class_throughput, Cell.Nokia.traffic.nrt_dch_allocations_ps_calls_intera_class.srnc.ul_ps_data_intera_class_throughput, Cell.Nokia.traffic.nrt_dch_allocations_ps_calls_intera_class.srnc.dl_ps_data_intera_class_throughput, Cell.Nokia.traffic.nrt_dch_allocations_ps_calls_backg_class.srnc.ul_ps_data_backg_class_throughput, Cell.Nokia.traffic.nrt_dch_allocations_ps_calls_backg_class.srnc.dl_ps_data_backg_class_throughput
Table for PS Traffic	Cell.BSC_Id, Cell.Cell_Id, Cell.Cell_Name, Cell.Nokia.traffic.rt_dch_allocations_ps_calls_conv_class.srnc.ul_ps_data_conv_class_throughput, Cell.Nokia.traffic.rt_dch_allocations_ps_calls_conv_class.srnc.dl_ps_data_conv_class_throughput, Cell.Nokia.traffic.rt_dch_allocations_ps_calls_stream_class.srnc.ul_ps_data_stream_class_throughput, Cell.Nokia.traffic.rt_dch_allocations_ps_calls_stream_class.srnc.dl_ps_data_stream_class_throughput, Cell.Nokia.traffic.nrt_dch_allocations_ps_calls_intera_class.srnc.ul_ps_data_intera_class_throughput, Cell.Nokia.traffic.nrt_dch_allocations_ps_calls_intera_class.srnc.dl_ps_data_intera_class_throughput, Cell.Nokia.traffic.nrt_dch_allocations_ps_calls_backg_class.srnc.ul_ps_data_backg_class_throughput, Cell.Nokia.traffic.nrt_dch_allocations_ps_calls_backg_class.srnc.dl_ps_data_backg_class_throughput
Graph for HSDPA Traffic	Cell.Nokia.traffic.hsdsch_allocation.hsdsch_throughput_interactive, Cell.Nokia.traffic.hsdsch_allocation.hsdsch_throughput_background
Table for HSDPA Traffic	Cell.BSC_Id, Cell.Cell_Id, Cell.Cell_Name, Cell.Nokia.traffic.hsdsch_allocation.hsdsch_throughput_interactive, Cell.Nokia.traffic.hsdsch_allocation.hsdsch_throughput_background

9.17 Cell EDCH Allocation Abnorm. Rel. Report

This report shows the EDCH allocation non normal release report for various reasons. This covers cell change, link failures and other failure reasons.

Report Feature	Details
Report Tree Branch	System.UMTS.Engineering.UTRAN.Nokia.Cell
Primary Object	Cell
Table for EDCH Connection NonNormal Release	Cell.BSC_Id, Cell.BS_Id, Cell.Cell_Id, Cell.Cell_Name, Cell.Nokia.traffic.edch_allocation_release.edch_release_due_hsdsch_serving_cell_change_for_interactive, Cell.Nokia.traffic.edch_allocation_release.edch_release_due_to_rl_failure_for_interactive, Cell.Nokia.traffic.edch_allocation_release.edch_release_due_to_other_failure_for_interactive, Cell.Nokia.traffic.edch_allocation_release.edch_release_due_hsdsch_serving_cell_change_for_background, Cell.Nokia.traffic.edch_allocation_release.edch_release_due_to_rl_failure_for_background, Cell.Nokia.traffic.edch_allocation_release.edch_release_due_to_other_failure_for_background

9.18 Cell EDCH Allocation Report

This report shows the EDCH allocation report for various types of connections (Interactive, Background and AMR multi-RAB)

Report Feature	Details
Report Tree Branch	System.UMTS.Engineering.UTRAN.Nokia.Cell
Primary Object	Cell
Table for EDCH Allocation	Cell.BSC_Id, Cell.BS_Id, Cell.Cell_Id, Cell.Cell_Name, Cell.Nokia.traffic.edch_allocation.edch_allocations_for_interactive, Cell.Nokia.traffic.edch_allocation.edch_allocations_for_background, Cell.Nokia.traffic.edch_allocation.amr_edch_allocations

9.19 Cell EDCH Setup Failure Report

This report shows the EDCH setup failure report for various reasons. This covers both interactive and background connections.

Report Feature	Details
Report Tree Branch	System.UMTS.Engineering.UTRAN.Nokia.Cell
Primary Object	Cell
Table for EDCH Setup Failures	Cell.BSC_Id, Cell.BS_Id, Cell.Cell_Id, Cell.Cell_Name, Cell.Nokia.traffic.edsch_setup_failures.edch_setup_failure_due_to_ue_for_interactive, Cell.Nokia.traffic.edsch_setup_failures.edch_setup_failure_due_to_bts_for_interactive, Cell.Nokia.traffic.edsch_setup_failures.edch_setup_failure_due_to_transport_for_interactive, Cell.Nokia.traffic.edsch_setup_failures.edch_setup_failure_due_to_other_reasons_for_interactive, Cell.Nokia.traffic.edsch_setup_failures.edch_setup_failure_due_to_ue_for_background, Cell.Nokia.traffic.edsch_setup_failures.edch_setup_failure_due_to_bts_for_background, Cell.Nokia.traffic.edsch_setup_failures.edch_setup_failure_due_to_transport_for_background, Cell.Nokia.traffic.edsch_setup_failures.edch_setup_failure_due_to_other_reasons_for_background, Cell.Nokia.traffic.edsch_setup_failures.tot_edsch_setup_fail_inter, Cell.Nokia.traffic.edsch_setup_failures.tot_edsch_setup_fail_backg

9.20 Cell HSDPA Accessibility Retainability Traffic

This report shows the percentage on the accessibility and retainability of the HSDPA connection in the cell.

Report Feature	Details
Report Tree Branch	System.UMTS.Engineering.UTRAN.Nokia.Cell
Primary Object	Cell
Graph for HSDPA Accessibility/Retainability	Cell.Cell_Id, Cell.Nokia.RAN_Accessibility.Traffic._%_hsdpa_accessibility_nrt_traffic, Cell.Nokia.RAN_Accessibility.Traffic._%_hsdpa_resource_accessibility_rt_traffic, Cell.Nokia.RAN_Retainability.Traffic._%_hsdpa_retainability_nrt_traffic, Cell.Nokia.traffic.hsdsch_allocation._

	%_hsdpa_resource_retainability_rt_traffic
Table for HSDPA Accessibility/Retainability	Cell.BSC_Id, Cell.Cell_Id, Cell.Cell_Name, Cell.Nokia.RAN_Accessibility.Traffic._ %_hsdpa_accessibility_nrt_traffic, Cell.Nokia.RAN_Accessibility.Traffic._ %_hsdpa_resource_accessibility_rt_traffic, Cell.Nokia.RAN_Retainability.Traffic._ %_hsdpa_retainability_nrt_traffic, Cell.Nokia.traffic.hsdsch_allocation._ %_hsdpa_resource_retainability_rt_traffic

9.21 Cell HSDPA MAC Efficiency (WBTS WN3.0)

WBTS WN3.0 based report. This report shows the retransmission ratio of the between BTS and HSDPA capable UEs done by MAC-hs. Based on successfully sent MAC-hs PDUs divided by totally sent MAC-hs PDUs. Based on Nokia WCDMA RAN KPI document.

Report Feature	Details
Report Tree Branch	System.UMTS.Engineering.UTRAN.Nokia.Cell
Primary Object	Cell
Table for Cell HSDPA MAC Transmission Efficiency	Cell.BSC_Id, Cell.Cell_Id, Cell.Cell_Name, Cell.Nokia.wbts_wn3.mac_hs_transmit.hsdpa_mac_hs_efficiency

9.22 Cell HSDPA PDU Vol and MACd Thruput WBTS WN3.0

WBTS WN3.0 based report. This report shows the MAC-d net throughput and the PDU volume received by the WBTS over the IuB. Based on Nokia WCDMA RAN KPI document. Volume is in Mbit, while Throughput is in kbps.

Report Feature	Details
Report Tree Branch	System.UMTS.Engineering.UTRAN.Nokia.Cell
Primary Object	Cell
Graph for HSDPA PDU Volume/MAC-d Throughput	Cell.Cell_Id, Cell.Nokia.wbts_wn3.mac_d_pdu.hsdpa_data_volume_macd_Iub, Cell.Nokia.wbts_wn3.mac_d_pdu.hsdpa_macd_net_throughput_bts

Table for HSDPA PDU Volume/MAC-d Throughput	RNC.RNC_Id, Cell.Cell_Id, Cell.Cell_Name, Cell.Nokia.wbts_wn3.mac_d_pdu.hsdpa_data_volume_macd_Iub, Cell.Nokia.wbts_wn3.mac_d_pdu.hsdpa_macd_net_throughput_bts

9.23 Cell HSDPA User Duration Distribution

This report shows the HSDPA users distribution. Counters for non-hsdpa user will not be updated if the HSDPA function is not activated in the cell.

Report Feature	Details
Report Tree Branch	System.UMTS.Engineering.UTRAN.Nokia.Cell
Primary Object	Cell
Graph for Active HSDPA Users	Cell.Nokia.hsdpa_users._%_time_active_hsdpa_users
Table for Users 1	Cell.BSC_Id, Cell.Cell_Id, Cell.Cell_Name, Cell.Nokia.hsdpa_users.duration_of_active_hsdpa_users_1_or_2_simultaneous_users, Cell.Nokia.hsdpa_users.duration_of_active_hsdpa_users_3_or_4_simultaneous_users, Cell.Nokia.hsdpa_users.duration_of_active_hsdpa_users_5_or_6_simultaneous_users, Cell.Nokia.hsdpa_users.duration_of_active_hsdpa_users_7_or_8_simultaneous_users, Cell.Nokia.hsdpa_users.duration_of_active_hsdpa_users_9_or_10_simultaneous_users, Cell.Nokia.hsdpa_users.duration_of_active_hsdpa_users_11_or_12_simultaneous_users, Cell.Nokia.hsdpa_users.duration_of_active_hsdpa_users_13_or_14_simultaneous_users, Cell.Nokia.hsdpa_users.duration_of_active_hsdpa_users_15_or_16_simultaneous_users, Cell.Nokia.hsdpa_users.tot_duration_active_hsdpa_users, Cell.Nokia.hsdpa_users._%_time_active_hsdpa_users
Table for Users 2	Cell.BSC_Id, Cell.Cell_Id, Cell.Cell_Name, Cell.Nokia.hsdpa_users.duration_of_active_hsdpa_users_17_to_20_simultaneous_users, Cell.Nokia.hsdpa_users.duration_of_active_hsdpa_users_21_to_24_simultaneous_users, Cell.Nokia.hsdpa_users.duration_of_active_hsdpa_users_25_to_28_simultaneous_users, Cell.Nokia.hsdpa_users.duration_of_active_hsdpa_users_29_to_32_simultaneous_users,

	Cell.Nokia.hsdpa_users.duration_of_active_hsdpa_users_33_to_36_simultaneous_users, Cell.Nokia.hsdpa_users.duration_of_active_hsdpa_users_37_to_40_simultaneous_users, Cell.Nokia.hsdpa_users.duration_of_active_hsdpa_users_41_to_44_simultaneous_users, Cell.Nokia.hsdpa_users.duration_of_active_hsdpa_users_45_to_48_simultaneous_users

9.24 Cell HSDSCH Allocation and Throughput

This report shows the HSDSCH allocation for PS-calls of various bit rates as well as the overall throughput according to the related service class, I.e. interactive and background.

Report Feature	Details
Report Tree Branch	System.UMTS.Engineering.UTRAN.Nokia.Cell
Primary Object	Cell
Graph for HSDSCH Connection Throughput	Cell.Cell_Id, Cell.Nokia.traffic.hsdsch_allocation.hsdsch_throughput_interactive, Cell.Nokia.traffic.hsdsch_allocation.hsdsch_throughput_background
Table for HSDSCH Allocation-Interactive	Cell.BSC_Id, Cell.Cell_Id, Cell.Cell_Name, Cell.Nokia.traffic.hsdsch_allocation.hsdsch_64_kbps_return_ch_allocations_for_interactive, Cell.Nokia.traffic.hsdsch_allocation.hsdsch_128_kbps_return_ch_allocations_for_interactive, Cell.Nokia.traffic.hsdsch_allocation.hsdsch_384_kbps_return_ch_allocations_for_interactive, Cell.Nokia.traffic.hsdsch_allocation.hsdsch_macd_flow_allocations_for_interactive, Cell.Nokia.traffic.hsdsch_allocation.hsdsch_throughput_interactive
Table for HSDSCH Allocation-Background	Cell.BSC_Id, Cell.Cell_Id, Cell.Cell_Name, Cell.Nokia.traffic.hsdsch_allocation.hsdsch_64_kbps_return_ch_allocations_for_background, Cell.Nokia.traffic.hsdsch_allocation.hsdsch_128_kbps_return_ch_allocations_for_background, Cell.Nokia.traffic.hsdsch_allocation.hsdsch_384_kbps_return_ch_allocations_for_background,

	Cell.Nokia.traffic.hsdsch_allocation.hsdsch_macd_flow_allocations_for_background, Cell.Nokia.traffic.hsdsch_allocation.hsdsch_throughput_background

9.25 Cell HSDSCH Connection Setup Failures

This report shows the HSDSCH connection setup failures according to category. The setup attempt for return HSDSCH channel takes into consideration of all failures and allocations and rejects.

Report Feature	Details
Report Tree Branch	System.UMTS.Engineering.UTRAN.Nokia.Cell
Primary Object	Cell
Table for Interactive Traffic	Cell.BSC_Id, Cell.Cell_Id, Cell.Cell_Name, Cell.Nokia.traffic.hsdsch_setup_failures.hsdsch_macd_flow_setup_failure_due_to_iub_transport_for_interactive, Cell.Nokia.traffic.hsdsch_setup_failures.hsdsch_total_iub_transport_setup_fail_for_interactive, Cell.Nokia.traffic.hsdsch_setup_failures.hsdsch_setup_failure_due_to_ue_for_interactive, Cell.Nokia.traffic.hsdsch_setup_failures.hsdsch_setup_failure_due_to_bts_for_interactive, Cell.Nokia.traffic.hsdsch_setup_failures.hsdsch_setup_failure_due_to_rnc_internal_for_interactive, Cell.Nokia.traffic.hsdsch_setup_failures.tot_hsdsch_setup_fail_inter, Cell.Nokia.traffic.hsdsch_setup_failures._%_hsdsch_setup_fail_inter
Table for Background Traffic	Cell.BSC_Id, Cell.Cell_Id, Cell.Cell_Name, Cell.Nokia.traffic.hsdsch_setup_failures.hsdsch_macd_flow_setup_failure_due_to_iub_transport_for_background, Cell.Nokia.traffic.hsdsch_setup_failures.hsdsch_total_iub_transport_setup_fail_for_background, Cell.Nokia.traffic.hsdsch_setup_failures.hsdsch_setup_failure_due_to_ue_for_background, Cell.Nokia.traffic.hsdsch_setup_failures.hsdsch_setup_failure_due_to_bts_for_background, Cell.Nokia.traffic.hsdsch_setup_failures.hsdsch_setup_failure_due_to_rnc_internal_for_background, Cell.Nokia.traffic.hsdsch_setup_failures.tot_hsdsch_setup_fail_backg, Cell.Nokia.traffic.hsdsch_setup_failures._%_hsdsch_setup_fail_backg

9.26 Cell HSDSCH Service Cell Change Failure Cause

This report describes the DS-DSCH service cell change attempt failures according to the type of causes.

Report Feature	Details
Report Tree Branch	System.UMTS.Engineering.UTRAN.Nokia.Cell
Primary Object	Cell
Table for Failure Per Cause	Cell.Cell_Id, Cell.Cell_Name, Cell.Nokia.intrasys_hho_scc.hs_dsch_serving_cell_changes_failed_due_to_ue, Cell.Nokia.intrasys_hho_scc.hs_dsch_serving_cell_changes_failed_due_to_bts, Cell.Nokia.intrasys_hho_scc.hs_dsch_serving_cell_changes_failed_due_to_transport, Cell.Nokia.intrasys_hho_scc.hs_dsch_serving_cell_changes_failed_due_to_ac, Cell.Nokia.intrasys_hho_scc.hs_dsch_serving_cell_changes_failed_due_to_other_reason

9.27 Cell HS-DSCH Service Cell Change Trigger Cause

This report describes the DS-DSCH service cell change attempt triggers according to the type of causes.

Report Feature	Details
Report Tree Branch	System.UMTS.Engineering.UTRAN.Nokia.Cell
Primary Object	Cell
Table for Trigger Cause	Cell.Cell_Id, Cell.Cell_Name, Cell.Nokia.intrasys_hho_scc.hs_dsch_serving_cell_changes_started_due_to_active_set_update, Cell.Nokia.intrasys_hho_scc.hs_dsch_serving_cell_changes_started_due_to_cpich_ec_no, Cell.Nokia.intrasys_hho_scc.hs_dsch_serving_cell_changes_started_due_to_ul_sir_error, Cell.Nokia.intrasys_hho_scc.hs_dsch_serving_cell_changes_started_due_to_other_reason

9.28 Cell HSUPA Accessibility Retainability Traffic

This report shows the HSUPA accessibility and retainability traffic statistics

Report Feature	Details
Report Tree Branch	System.UMTS.Engineering.UTRAN.Nokia.Cell
Primary Object	Cell
Graph for HSUPA Accessibility/Retainability	Cell.Nokia.RAN_Accessibility.Traffic._ %_hsupa_resource_accessibility_rt_traffic, Cell.Nokia.RAN_Accessibility.Traffic._ %_hsupa_resource_accessibility_nrt_traffic, Cell.Nokia.traffic.edch_allocation_release._ %_hsupa_resource_retainability_rt_traffic, Cell.Nokia.traffic.edch_allocation_release._ %_hsupa_resource_retainability_nrt_traffic
Table for HSUPA Accessibility/Retainability	Cell.Cell_Id, Cell.BS_Id, Cell.BSC_Id, Cell.Nokia.RAN_Accessibility.Traffic._ %_hsupa_resource_accessibility_rt_traffic, Cell.Nokia.RAN_Accessibility.Traffic._ %_hsupa_resource_accessibility_nrt_traffic, Cell.Nokia.traffic.edch_allocation_release._ %_hsupa_resource_retainability_rt_traffic, Cell.Nokia.traffic.edch_allocation_release._ %_hsupa_resource_retainability_nrt_traffic

9.29 Cell HSUPA MAC-d Throughput

This report shows the HSUPA MAC-d throughput per cell under the WBTS.

Report Feature	Details
Report Tree Branch	System.UMTS.Engineering.UTRAN.Nokia.Cell
Primary Object	Cell
Graph for Throughput	Cell.Nokia.wbts_wn.hsupa_thput.hsupa_average_macd_throughput
Table for HSUPA MAC-d Throughput	Cell.BSC_Id, Cell.BS_Id, Cell.Cell_Id, Cell.Cell_Name, Cell.Nokia.wbts_wn.hsupa_thput.hsupa_average_macd_throughput, Cell.Nokia.wbts_wn.hsupa_thput.hsupa_maximum_macd_throughput, Cell.Nokia.wbts_wn.hsupa_thput.hsupa_minimum_macd_throughput

9.30 Cell HSUPA User Duration Distribution

This report shows the HSUPA users distribution.

Report Feature	Details

Report Tree Branch	System.UMTS.Engineering.UTRAN.Nokia.Cell
Primary Object	Cell
Graph for Active HSUPA Users	Cell.Nokia.hsupa_users._%_time_active_hsupa_users
Table for HSUPA Users 1	Cell.BSC_Id, Cell.Cell_Id, Cell.Cell_Name, Cell.Nokia.hsupa_users.duration_of_active_hsupa_users_1_or_2_simultaneous_users, Cell.Nokia.hsupa_users.duration_of_active_hsupa_users_3_or_4_simultaneous_users, Cell.Nokia.hsupa_users.duration_of_active_hsupa_users_5_or_6_simultaneous_users, Cell.Nokia.hsupa_users.duration_of_active_hsupa_users_7_or_8_simultaneous_users, Cell.Nokia.hsupa_users.duration_of_active_hsupa_users_9_or_10_simultaneous_users, Cell.Nokia.hsupa_users.duration_of_active_hsupa_users_11_or_12_simultaneous_users, Cell.Nokia.hsupa_users.duration_of_active_hsupa_users_13_or_14_simultaneous_users, Cell.Nokia.hsupa_users.duration_of_active_hsupa_users_15_or_16_simultaneous_users, Cell.Nokia.hsupa_users.duration_of_active_hsupa_users_17_or_18_simultaneous_users, Cell.Nokia.hsupa_users.duration_of_active_hsupa_users_19_or_20_simultaneous_users
Table for HSUPA Users 2	Cell.BSC_Id, Cell.Cell_Id, Cell.Cell_Name, Cell.Nokia.hsdpa_users.tot_duration_active_hsdpa_users, Cell.Nokia.hsupa_users._%_time_active_hsupa_users

9.31 Cell Inter System Handover RT

This report shows the inter system handover performance for RT services which covers handover success, connection dropped during handover and unsuccessful handover. Second table displays the dropped connection causes.

Report Feature	Details
Report Tree Branch	System.UMTS.Engineering.UTRAN.Nokia.Cell

Primary Object	Cell
Table for Inter System Handover RT	Cell.BSC_Id, Cell.Cell_Id, Cell.Cell_Name, Cell.Nokia.intersys_hho_rt.tot_inter_system_hho_rt_success, Cell.Nokia.intersys_hho_rt.tot_inter_system_hho_rt_attempts, Cell.Nokia.intersys_hho_rt._%_inter_system_hho_ps_rt_success, Cell.Nokia.intersys_hho_rt.tot_inter_system_hho_rt_unsuccess, Cell.Nokia.intersys_hho_rt._%_inter_system_hho_rt_unsuccess, Cell.Nokia.intersys_hho_rt.tot_inter_system_hho_rt_dropped, Cell.Nokia.intersys_hho_rt._%_inter_system_hho_rt_dropped
Table for Inter System Handover Call Dropped Causes	Cell.BSC_Id, Cell.Cell_Id, Cell.Cell_Name, Cell.Nokia.intersys_hho_rt.nbr_of_started_inter_syst_hho_meas_without_com_mod_due_to_ul_dch_qual_for_rt, Cell.Nokia.intersys_hho_rt.rrc_connection_drops_during_inter_syst_ho_caused_by_ue_trx_pwr_for_rt, Cell.Nokia.intersys_hho_rt.rrc_connection_drops_during_inter_syst_ho_caused_by_dl_dpch_pwr_for_rt, Cell.Nokia.intersys_hho_rt.rrc_connection_drops_during_inter_syst_ho_caused_by_cpich_rscp_for_rt, Cell.Nokia.intersys_hho_rt.rrc_connection_drops_during_inter_syst_ho_caused_by_cpich_ecno_for_rt, Cell.Nokia.intersys_hho_rt.rrc_connection_drops_during_inter_syst_ho_caused_by_imsi_for_rt, Cell.Nokia.intersys_hho_rt.tot_inter_system_hho_rt_dropped

9.32 Cell Multi RAB Retainability - Drop Ratio

This report shows RAB Drop ratio (%) for multiple RAB connections as described in the Nokia WCDMA KPI document. The statistics involve AMR+NRT, RT+NRT, and more than 1 NRT RABs.

Report Feature	Details
Report Tree Branch	System.UMTS.Engineering.UTRAN.Nokia.Cell
Primary Object	Cell
Graph for MultiRAB Retainability	Cell.Cell_Id, Cell.Nokia.RAN_Retainability.Service_Level._%_multirab_drop_ratio_amr_nrt_network, Cell.Nokia.RAN_Retainability.Service_Level._%_multirab_drop_ratio_rt_nrt_network, Cell.Nokia.RAN_Retainability.Service_Level._%_multirab_drop_ratio_gr_1nrt_network
Table for MultiRAB Retainability	Cell.BSC_Id, Cell.Cell_Id, Cell.Cell_Name, Cell.Nokia.RAN_Retainability.Service_Level._%_multirab_drop_ratio_amr_nrt_network, Cell.Nokia.RAN_Retainability.Service_Level._

	%_multirab_drop_ratio_rt_nrt_network, Cell.Nokia.RAN_Retainability.Service_Level._ %_multirab_drop_ratio_gr_1nrt_network

9.33 Cell NBAP Radio Link Fails Performance 1

This part 1 of the report which shows the Radio Link Setup failure statistics on both SRNC and DRNC on each causes. Also include first RL setup failures and using 3GPP NBAP protocol.

Report Feature	Details
Report Tree Branch	System.UMTS.Engineering.UTRAN.Nokia.Cell
Primary Object	Cell
Table for Failures on First RL	Cell.BSC_Id, Cell.Cell_Id, Cell.Cell_Name, Cell.Nokia.nbap.radio_link_setup_failures_first_rl.rl_setup_fail_for_first_rl_due_to_om_interv, Cell.Nokia.nbap.radio_link_setup_failures_first_rl.rl_setup_fail_for_first_rl_due_to_already_activ, Cell.Nokia.nbap.radio_link_setup_failures_first_rl.rl_setup_fail_for_first_rl_due_to_hw_res_not_avail, Cell.Nokia.nbap.radio_link_setup_failures_first_rl.rl_setup_fail_for_first_rl_due_to_not_enough_res, Cell.Nokia.nbap.radio_link_setup_failures_first_rl.rl_setup_fail_for_first_rl_due_to_bts_not_resp, Cell.Nokia.nbap.radio_link_setup_failures_first_rl.tot_rl_setup_fail_for_first_rl
Table for Failures with SHO on SRNC	Cell.BSC_Id, Cell.Cell_Id, Cell.Cell_Name, Cell.Nokia.nbap.radio_link_setup_failures_ho.srnc.rl_setup_fail_for_sho_on_srnc_due_to_om_interv, Cell.Nokia.nbap.radio_link_setup_failures_ho.srnc.rl_setup_fail_for_sho_on_srnc_due_to_already_activ, Cell.Nokia.nbap.radio_link_setup_failures_ho.srnc.rl_setup_fail_for_sho_on_srnc_due_to_hw_res_not_avail, Cell.Nokia.nbap.radio_link_setup_failures_ho.srnc.rl_setup_fail_for_sho_on_srnc_due_to_not_enough_res, Cell.Nokia.nbap.radio_link_setup_failures_ho.srnc.rl_setup_fail_for_sho_on_srnc_due_to_bts_not_resp, Cell.Nokia.nbap.radio_link_setup_failures_ho.srnc.rl_setup_fail_for_sho_on_srnc_due_to_bts_gen_rea,

	Cell.Nokia.nbap.radio_link_setup_failures_ho.srnc.rl_setup_fail_for_sho_on_srnc_due_to_rn_layer_cause, Cell.Nokia.nbap.radio_link_setup_failures_ho.srnc.rl_setup_fail_for_sho_on_srnc_due_to_tr_layer_cause, Cell.Nokia.nbap.radio_link_setup_failures_ho.srnc.rl_setup_fail_for_sho_on_srnc_due_to_prot_cause, Cell.Nokia.nbap.radio_link_setup_failures_ho.srnc.rl_setup_fail_for_sho_on_srnc_due_to_misc_cause, Cell.Nokia.nbap.radio_link_setup_failures_ho.srnc.tot_rl_setup_fail_for_sho_on_srnc

9.34 Cell NBAP Radio Link Fails Performance 2

This part 2 of the report which shows the Radio Link Setup failure statistics on both SRNC and DRNC on each causes. Also include first RL setup failures and using 3GPP NBAP protocol.

Report Feature	Details
Report Tree Branch	System.UMTS.Engineering.UTRAN.Nokia.Cell
Primary Object	Cell
Table for Failures with HHO on SRNC	Cell.BSC_Id, Cell.Cell_Id, Cell.Cell_Name, Cell.Nokia.nbap.radio_link_setup_failures_ho.srnc.rl_setup_fail_for_hho_on_srnc_due_to_om_interv, Cell.Nokia.nbap.radio_link_setup_failures_ho.srnc.rl_setup_fail_for_hho_on_srnc_due_to_already_activ, Cell.Nokia.nbap.radio_link_setup_failures_ho.srnc.rl_setup_fail_for_hho_on_srnc_due_to_hw_res_not_avail, Cell.Nokia.nbap.radio_link_setup_failures_ho.srnc.rl_setup_fail_for_hho_on_srnc_due_to_not_enough_res, Cell.Nokia.nbap.radio_link_setup_failures_ho.srnc.rl_setup_fail_for_hho_on_srnc_due_to_bts_not_resp, Cell.Nokia.nbap.radio_link_setup_failures_ho.srnc.rl_setup_fail_for_hho_on_srnc_due_to_bts_gen_rea, Cell.Nokia.nbap.radio_link_setup_failures_ho.srnc.rl_setup_fail_for_hho_on_srnc_due_to_rn_layer_cause, Cell.Nokia.nbap.radio_link_setup_failures_ho.srnc.rl_setup_fail_for_hho_on_srnc_due_to_tr_layer_cause, Cell.Nokia.nbap.radio_link_setup_failures_ho.srnc.rl_setup_fail_for_hho_on_srnc_due_to_prot_cause, Cell.Nokia.nbap.radio_link_setup_failures_ho.srnc.rl_setup_fail_for_hho_on_srnc_due_to_misc_cause, Cell.Nokia.nbap.radio_link_setup_failures_ho.srnc.tot_rl_setup_fail_for_hho_on_srnc
Table for Failures with SHO	Cell.BSC_Id, Cell.Cell_Id, Cell.Cell_Name,

on DRNC	Cell.Nokia.nbap.radio_link_setup_failures_ho.drnc.rl_setup_fail_for_sho_on_drnc_due_to_om_interv, Cell.Nokia.nbap.radio_link_setup_failures_ho.drnc.rl_setup_fail_for_sho_on_drnc_due_to_already_activ, Cell.Nokia.nbap.radio_link_setup_failures_ho.drnc.rl_setup_fail_for_sho_on_drnc_due_to_hw_res_not_avail, Cell.Nokia.nbap.radio_link_setup_failures_ho.drnc.rl_setup_fail_for_sho_on_drnc_due_to_not_enough_res, Cell.Nokia.nbap.radio_link_setup_failures_ho.drnc.rl_setup_fail_for_sho_on_drnc_due_to_bts_not_resp, Cell.Nokia.nbap.radio_link_setup_failures_ho.drnc.rl_setup_fail_for_sho_on_drnc_due_to_bts_gen_rea, Cell.Nokia.nbap.radio_link_setup_failures_ho.drnc.rl_setup_fail_for_sho_on_drnc_due_to_rn_layer_cause, Cell.Nokia.nbap.radio_link_setup_failures_ho.drnc.rl_setup_fail_for_sho_on_drnc_due_to_tr_layer_cause, Cell.Nokia.nbap.radio_link_setup_failures_ho.drnc.rl_setup_fail_for_sho_on_drnc_due_to_prot_cause, Cell.Nokia.nbap.radio_link_setup_failures_ho.drnc.rl_setup_fail_for_sho_on_drnc_due_to_misc_cause, Cell.Nokia.nbap.radio_link_setup_failures_ho.drnc.tot_rl_setup_fail_for_sho_on_drnc

9.35 Cell NBAP Radio Link Fails Performance 3

This part 3 of the report which shows the Radio Link Setup failure statistics on both SRNC and DRNC on each causes. Also include first RL setup failures and using 3GPP NBAP protocol.

Report Feature	Details
Report Tree Branch	System.UMTS.Engineering.UTRAN.Nokia.Cell
Primary Object	Cell
Table for Failures for HHO on DRNC	Cell.BSC_Id, Cell.Cell_Id, Cell.Cell_Name, Cell.Nokia.nbap.radio_link_setup_failures_ho.drnc.rl_setup_fail_for_hho_on_drnc_due_to_om_interv, Cell.Nokia.nbap.radio_link_setup_failures_ho.drnc.rl_setup_fail_for_hho_on_drnc_due_to_already_activ, Cell.Nokia.nbap.radio_link_setup_failures_ho.drnc.rl_setup_fail_for_hho_on_drnc_due_to_hw_res_not_avail, Cell.Nokia.nbap.radio_link_setup_failures_ho.drnc.rl_setup_fail_for_

	hho_on_drnc_due_to_not_enough_res, Cell.Nokia.nbap.radio_link_setup_failures_ho.drnc.rl_setup_fail_for_hho_on_drnc_due_to_bts_not_resp, Cell.Nokia.nbap.radio_link_setup_failures_ho.drnc.rl_setup_fail_for_hho_on_drnc_due_to_bts_gen_rea, Cell.Nokia.nbap.radio_link_setup_failures_ho.drnc.rl_setup_fail_for_hho_on_drnc_due_to_rn_layer_cause, Cell.Nokia.nbap.radio_link_setup_failures_ho.drnc.rl_setup_fail_for_hho_on_drnc_due_to_tr_layer_cause, Cell.Nokia.nbap.radio_link_setup_failures_ho.drnc.rl_setup_fail_for_hho_on_drnc_due_to_prot_cause, Cell.Nokia.nbap.radio_link_setup_failures_ho.drnc.rl_setup_fail_for_hho_on_drnc_due_to_misc_cause, Cell.Nokia.nbap.radio_link_setup_failures_ho.drnc.tot_rl_setup_fail_for_hho_on_drnc
Table for Failures using 3GPP NBAP Protocol	Cell.BSC_Id, Cell.Cell_Id, Cell.Cell_Name, Cell.Nokia.nbap.radio_link_setup_failures_3gpp_nbap.rl_setup_fail_for_first_rl_due_to_rn_layer_cause, Cell.Nokia.nbap.radio_link_setup_failures_3gpp_nbap.rl_setup_fail_for_first_rl_due_to_tr_layer_cause, Cell.Nokia.nbap.radio_link_setup_failures_3gpp_nbap.rl_setup_fail_for_first_rl_due_to_prot_cause, Cell.Nokia.nbap.radio_link_setup_failures_3gpp_nbap.rl_setup_fail_for_first_rl_due_to_misc_cause, Cell.Nokia.nbap.radio_link_setup_failures_3gpp_nbap.tot_rl_setup_fail_3gpp_nbap

9.36 Cell NBAP Radio Link Setup Performance - 1

This part 1 of the report which shows the Radio Link Setup statistics on both SRNC and DRNC.

Report Feature	Details
Report Tree Branch	System.UMTS.Engineering.UTRAN.Nokia.Cell
Primary Object	Cell
Table for Radio Link Setup First RL	Cell.BSC_Id, Cell.Cell_Id, Cell.Cell_Name, Cell.Nokia.nbap.radio_link_setup_successes.rl_setup_succ_for_first_rl, Cell.Nokia.nbap.radio_link_setup_successes.rl_setup_att_for_first_rl, Cell.Nokia.nbap.radio_link_setup_successes._%_rl_setup_succ_for_first_rl
Table for Radio Link Setup on SRNC	Cell.BSC_Id, Cell.Cell_Id, Cell.Cell_Name, Cell.Nokia.nbap.radio_link_setup_successes.rl_setup_succ_for_sho_o

	n_srnc, Cell.Nokia.nbap.radio_link_setup_successes.rl_setup_att_for_sho_on_srnc, Cell.Nokia.nbap.radio_link_setup_successes._%_rl_setup_succ_for_sho_on_srnc, Cell.Nokia.nbap.radio_link_setup_successes.rl_setup_succ_for_hho_on_srnc, Cell.Nokia.nbap.radio_link_setup_successes.rl_setup_att_for_hho_on_srnc, Cell.Nokia.nbap.radio_link_setup_successes._%_rl_setup_succ_for_hho_on_srnc

9.37 Cell NBAP Radio Link Setup Performance - 2

This part 2 of the report which shows the Radio Link Setup statistics on both SRNC and DRNC.

Report Feature	Details
Report Tree Branch	System.UMTS.Engineering.UTRAN.Nokia.Cell
Primary Object	Cell
Table for Radio Link Setup on DRNC	Cell.BSC_Id, Cell.Cell_Id, Cell.Cell_Name, Cell.Nokia.nbap.radio_link_setup_successes.rl_setup_succ_for_sho_on_drnc, Cell.Nokia.nbap.radio_link_setup_successes.rl_setup_att_for_sho_on_drnc, Cell.Nokia.nbap.radio_link_setup_successes._%_rl_setup_succ_for_sho_on_drnc, Cell.Nokia.nbap.radio_link_setup_successes.rl_setup_succ_for_hho_on_drnc, Cell.Nokia.nbap.radio_link_setup_successes.rl_setup_att_for_hho_on_drnc, Cell.Nokia.nbap.radio_link_setup_successes._%_rl_setup_succ_for_hho_on_drnc

9.38 Cell Packet Call Setup Failure Report

This report shows the packet call setup failure report for various reasons. This covers both interactive and background connections.

Report Feature	Details
Report Tree Branch	System.UMTS.Engineering.UTRAN.Nokia.Cell
Primary Object	Cell

Table for PacketCall Setup Failures Interactive	Cell.BSC_Id, Cell.BS_Id, Cell.Cell_Id, Cell.Cell_Name, Cell.Nokia.packet_call.setup_failures.packet_call_setup_fail_due_to_ac_for_interactive, Cell.Nokia.packet_call.setup_failures.packet_call_setup_fail_due_to_bts_for_interactive, Cell.Nokia.packet_call.setup_failures.packet_call_setup_fail_due_dmcu_res_for_interactive, Cell.Nokia.packet_call.setup_failures.packet_call_setup_fail_due_to_transm_for_interactive, Cell.Nokia.packet_call.setup_failures.packet_call_setup_fail_due_to_ue_for_interactive, Cell.Nokia.packet_call.setup_failures.packet_call_setup_fail_due_to_other_reasons_for_interactive, Cell.Nokia.packet_call.setup_failures.Tot_packet_call_setup_fail_interactive
Table for PacketCall Setup Failures Background	Cell.Cell_Id, Cell.BS_Id, Cell.Cell_Name, Cell.Nokia.packet_call.setup_failures.packet_call_setup_fail_due_to_ac_for_background, Cell.Nokia.packet_call.setup_failures.packet_call_setup_fail_due_to_bts_for_background, Cell.Nokia.packet_call.setup_failures.packet_call_setup_fail_due_to_dmcu_res_for_background, Cell.Nokia.packet_call.setup_failures.packet_call_setup_fail_due_to_transm_for_background, Cell.Nokia.packet_call.setup_failures.packet_call_setup_fail_due_to_ue_for_background, Cell.Nokia.packet_call.setup_failures.packet_call_setup_fail_due_to_other_reasons_for_background, Cell.Nokia.packet_call.setup_failures.Tot_packet_call_setup_fail_background

9.39 Cell Percentage Availability Working State

This report describes the percentage of availability for a cell

Report Feature	Details
Report Tree Branch	System.UMTS.Engineering.UTRAN.Nokia.Cell
Primary Object	Cell
Cell Percentage Availability Working State	Cell.Cell_Id, Cell.Cell_Name, Cell.Nokia.avail_cell._%_time_wcell_in_working_state, Cell.Nokia.avail_cell._%_time_wcell_in_blocked_by_user_state

9.40 Cell RAB Active Failures for all PS services

Report for RAB Active failure breakdowns of PS services(conversational, interactive, streaming,background).The failure rate takes to account number RAB access completes will proceed to RAB access phase(which covers active complete, released , failures)

Report Feature	Details
Report Tree Branch	System.UMTS.Engineering.UTRAN.Nokia.Cell
Primary Object	Cell
Table for all PS Services	Cell.BSC_Id, Cell.Cell_Id, Cell.Cell_Name, Cell.Nokia.rab.active_failure_ps_data.tot_rab_active_failures_due_to_bts_for_ps, Cell.Nokia.rab.active_failure_ps_data.tot_rab_act_fail_for_ps_call_conv_class_due_to_integrity_check, Cell.Nokia.rab.active_failure_ps_data.tot_rab_active_failures_due_to_iu_for_ps, Cell.Nokia.rab.active_failure_ps_data.tot_rab_active_failures_due_to_iur_for_ps, Cell.Nokia.rab.active_failure_ps_data.tot_rab_active_failures_due_to_rnc_for_ps, Cell.Nokia.rab.active_failure_ps_data.tot_rab_active_failures_due_to_ue_for_ps, Cell.Nokia.rab.active_failure_ps_data.tot_active_failures_due_to_radio_int_for_ps, Cell.Nokia.rab.active_failure_ps_data.tot_rab_active_failures_for_all_causes_for_ps, Cell.Nokia.rab.active_failure_ps_data._%_rab_active_failures_for_all_causes_for_ps

9.41 Cell RAB Active Failures for CS Conversational

This report shows the RAB Active failure breakdowns for CS Conversational. The failure rate takes into account that the number RAB access completes will proceed into RAB access phase (which covers active complete, released, and failures)

Report Feature	Details
Report Tree Branch	System.UMTS.Engineering.UTRAN.Nokia.Cell
Primary Object	Cell
Table for CS Conversational	Cell.BSC_Id, Cell.Cell_Id, Cell.Cell_Name,

	Cell.Nokia.rab.active_failure_cs_data.rab_active_failures_due_to_bts_for_cs_data_conv, Cell.Nokia.rab.active_failure_cs_data.rab_active_failures_due_to_iu_for_cs_data_conv, Cell.Nokia.rab.active_failure_cs_data.rab_active_failures_due_to_iur_for_cs_data_conv, Cell.Nokia.rab.active_failure_cs_data.rab_active_failures_due_to_radio_int_for_cs_data_conv, Cell.Nokia.rab.active_failure_cs_data.rab_act_fail_for_cs_data_conv_class_call_due_to_integrity_check, Cell.Nokia.rab.active_failure_cs_data.rab_active_failures_due_to_rnc_for_cs_data_conv, Cell.Nokia.rab.active_failure_cs_data.rab_active_failures_due_to_ue_for_cs_data_conv, Cell.Nokia.rab.active_failure_cs_data.tot_rab_active_fail_cs_conv, Cell.Nokia.rab.active_failure_cs_data._%_rab_active_fail_cs_conv

9.42 Cell RAB Active Failures for CS Streaming

This report shows the RAB Active failure breakdowns for CS Streaming. The failure rate takes into account that the number RAB access completes will proceed into RAB access phase (which covers active complete, released, and failures)

Report Feature	Details
Report Tree Branch	System.UMTS.Engineering.UTRAN.Nokia.Cell
Primary Object	Cell
Table for CS Conversational	Cell.BSC_Id, Cell.Cell_Id, Cell.Cell_Name, Cell.Nokia.rab.active_failure_cs_data.rab_active_failures_due_to_bts_for_cs_data_stream, Cell.Nokia.rab.active_failure_cs_data.rab_active_failures_due_to_iu_for_cs_data_stream, Cell.Nokia.rab.active_failure_cs_data.rab_active_failures_due_to_iur_for_cs_data_stream, Cell.Nokia.rab.active_failure_cs_data.rab_active_failures_due_to_radio_int_for_cs_data_stream, Cell.Nokia.rab.active_failure_cs_data.rab_act_fail_for_cs_data_call_stream_class_due_to_integrity_check, Cell.Nokia.rab.active_failure_cs_data.rab_active_failures_due_to_rnc_for_cs_data_stream, Cell.Nokia.rab.active_failure_cs_data.rab_active_failures_due_to_ue_for_cs_data_stream, Cell.Nokia.rab.active_failure_cs_data.tot_rab_active_fail_cs_stream, Cell.Nokia.rab.active_failure_cs_data._%_rab_active_fail_cs_stream

9.43 Cell RAB Active Failures for CS Voice

This report shows the RAB Active failure breakdowns for CS Voice. The failure rate takes into account that the number RAB access completes will proceed into RAB active phase (which covers active complete, released, and failures)

Report Feature	Details
Report Tree Branch	System.UMTS.Engineering.UTRAN.Nokia.Cell
Primary Object	Cell
Table for Cell RAB Active Failures for CS Voice	Cell.BSC_Id, Cell.Cell_Id, Cell.Cell_Name, Cell.Nokia.rab.active_failure_cs_voice.rab_active_failures_due_to_bts_for_cs_voice, Cell.Nokia.rab.active_failure_cs_voice.rab_active_failures_due_to_iu_for_cs_voice, Cell.Nokia.rab.active_failure_cs_voice.rab_active_failures_due_to_iur_for_cs_voice, Cell.Nokia.rab.active_failure_cs_voice.rab_active_failures_due_to_radio_int_for_cs_voice, Cell.Nokia.rab.active_failure_cs_voice.rab_act_fail_for_cs_voice_call_due_to_integrity_check, Cell.Nokia.rab.active_failure_cs_voice.rab_active_failures_due_to_rnc_for_cs_voice, Cell.Nokia.rab.active_failure_cs_voice.rab_active_failures_due_to_ue_for_cs_voice, Cell.Nokia.rab.active_failure_cs_voice.tot_rab_active_fail_cs_voice, Cell.Nokia.rab.active_failure_cs_voice._%_rab_active_fail_cs_voice

9.44 Cell RAB Distribution Report

This report shows the RAB connection distribution by service, taken at the point of RAB Access Complete. It provides the service distribution assigned to the network.

Report Feature	Details
Report Tree Branch	System.UMTS.Engineering.UTRAN.Nokia.Cell
Primary Object	Cell
Pie Chart for RAB Access Distribution	Cell.Cell_Id, Cell.Nokia.rab.setup_access_complete._%_rab_access_completions_for_cs_voice, Cell.Nokia.rab.setup_access_complete._

	%_rab_access_completions_for_cs_data_conv, Cell.Nokia.rab.setup_access_complete._ %_rab_access_completions_for_cs_data_stream, Cell.Nokia.rab.setup_access_complete._ %_rab_access_completions_for_ps_data_conv, Cell.Nokia.rab.setup_access_complete._ %_rab_access_completions_for_ps_data_stream, Cell.Nokia.rab.setup_access_complete._ %_rab_access_completions_for_ps_data_intera, Cell.Nokia.rab.setup_access_complete._ %_rab_access_completions_for_ps_data_backg
Table for RAB Access Distribution	Cell.BSC_Id, Cell.Cell_Id, Cell.Cell_Name, Cell.Nokia.rab.setup_access_complete._ %_rab_access_completions_for_cs_voice, Cell.Nokia.rab.setup_access_complete._ %_rab_access_completions_for_cs_data_conv, Cell.Nokia.rab.setup_access_complete._ %_rab_access_completions_for_cs_data_stream, Cell.Nokia.rab.setup_access_complete._ %_rab_access_completions_for_ps_data_conv, Cell.Nokia.rab.setup_access_complete._ %_rab_access_completions_for_ps_data_stream, Cell.Nokia.rab.setup_access_complete._ %_rab_access_completions_for_ps_data_intera, Cell.Nokia.rab.setup_access_complete._ %_rab_access_completions_for_ps_data_backg

9.45 Cell RAB Setup Failure for all PS services

This report shows the RAB setup failures for all PS services which covers conversational, streaming, interactive and background. Failure cause in this case takes the total of all PS services for each category.

Report Feature	Details
Report Tree Branch	System.UMTS.Engineering.UTRAN.Nokia.Cell
Primary Object	Cell
Table for all PS services	Cell.BSC_Id, Cell.Cell_Id, Cell.Cell_Name, Cell.Nokia.rab.setup_failure_ps.tot_rab_setup_fail_ac_ps, Cell.Nokia.rab.setup_failure_ps.tot_rab_setup_fail_bts_ps, Cell.Nokia.rab.setup_failure_ps.tot_rab_setup_fail_trans_ps, Cell.Nokia.rab.setup_failure_ps.tot_rab_setup_fail_rnc_ps, Cell.Nokia.rab.setup_failure_ps.tot_rab_setup_fail_frozen_bts_ps, Cell.Nokia.rab.setup_failure_ps.tot_rab_setup_fail_iub_aal2_trans_ps, Cell.Nokia.rab.setup_failure_ps.rab_setup_fail_for_all_ps,

	Cell.Nokia.rab.setup_failure_ps._%_ps_blocking_ratio

9.46 Cell RAB Setup Failure for CS Conversational

This report shows the RAB setup failures per cause for CS conversational services.

Report Feature	Details
Report Tree Branch	System.UMTS.Engineering.UTRAN.Nokia.Cell
Primary Object	Cell
Table for CS Conversational	Cell.BSC_Id, Cell.Cell_Id, Cell.Cell_Name, Cell.Nokia.rab.setup_failure_cs.rab_setup_failures_due_to_ac_for_cs_data_conv, Cell.Nokia.rab.setup_failure_cs.rab_setup_failures_due_to_bts_for_cs_data_conv, Cell.Nokia.rab.setup_failure_cs.rab_setup_failures_due_to_transport_for_cs_data_conv, Cell.Nokia.rab.setup_failure_cs.rab_setup_failures_due_to_rnc_for_cs_data_conv, Cell.Nokia.rab.setup_failure_cs.rab_setup_failures_due_to_frozen_bts_for_cs_data_conv, Cell.Nokia.rab.setup_failure_cs.rab_setup_failures_due_to_iub_aal2_trans_for_cs_data_conv, Cell.Nokia.rab.setup_failure_cs.tot_rab_setup_fail_cs_conv, Cell.Nokia.rab.setup_failure_cs._%_rab_setup_fail_cs_conv

9.47 Cell RAB Setup Failures for CS Streaming

This report shows the RAB setup failures per cause for CS streaming services.

Report Feature	Details
Report Tree Branch	System.UMTS.Engineering.UTRAN.Nokia.Cell
Primary Object	Cell
Table for CS Streaming	Cell.BSC_Id, Cell.Cell_Id, Cell.Cell_Name, Cell.Nokia.rab.setup_failure_cs.rab_setup_failures_due_to_ac_for_cs_data_stream, Cell.Nokia.rab.setup_failure_cs.rab_setup_failures_due_to_bts_for_cs

	_data_stream, Cell.Nokia.rab.setup_failure_cs.rab_setup_failures_due_to_transport_for_cs_data_stream, Cell.Nokia.rab.setup_failure_cs.rab_setup_failures_due_to_rnc_for_cs_data_stream, Cell.Nokia.rab.setup_failure_cs.rab_setup_failures_due_to_frozen_bts_for_cs_data_stream, Cell.Nokia.rab.setup_failure_cs.rab_setup_failures_due_to_iub_aal2_trans_for_cs_data_stream, Cell.Nokia.rab.setup_failure_cs.tot_rab_setup_fail_cs_stream, Cell.Nokia.rab.setup_failure_cs._%_rab_setup_fail_cs_stream

9.48 Cell RAB Setup Failures for CS Voice

This report shows the RAB setup failures per cause for CS voice services.

Report Feature	Details
Report Tree Branch	System.UMTS.Engineering.UTRAN.Nokia.Cell
Primary Object	Cell
Table for RAB Setup Failures for CS Voice	Cell.BSC_Id, Cell.Cell_Id, Cell.Cell_Name, Cell.Nokia.rab.setup_failure_cs.rab_setup_failures_due_to_ac_for_cs_voice, Cell.Nokia.rab.setup_failure_cs.rab_setup_failures_due_to_bts_for_cs_voice, Cell.Nokia.rab.setup_failure_cs.rab_setup_failures_due_to_transport_for_cs_voice, Cell.Nokia.rab.setup_failure_cs.rab_setup_failures_due_to_rnc_for_cs_voice, Cell.Nokia.rab.setup_failure_cs.rab_setup_failures_due_to_frozen_bts_for_cs_voice, Cell.Nokia.rab.setup_failure_cs.rab_setup_failures_due_to_iub_aal2_trans_for_cs_voice, Cell.Nokia.rab.setup_failure_cs.tot_rab_setup_fail_cs_voice, Cell.Nokia.rab.setup_failure_cs._%_rab_setup_fail_cs_voice

9.49 Cell RAB Setup Successes for CS

This report shows the RAB setup successes and failures for CS services.

Report Feature	Details
Report Tree Branch	System.UMTS.Engineering.UTRAN.Nokia.Cell
Primary Object	Cell

Table for RAB Setup Successes for CS Services	Cell.BSC_Id, Cell.Cell_Id, Cell.Cell_Name, Cell.Nokia.rab.setup_attempts.rab_setup_attempts_for_cs_voice, Cell.Nokia.rab.setup_complete.rab_setup_completions_for_cs_voice, Cell.Nokia.rab.setup_attempts.rab_setup_attempts_for_cs_data_conv, Cell.Nokia.rab.setup_complete.rab_setup_completions_for_cs_data_conv, Cell.Nokia.rab.setup_attempts.rab_setup_attempts_for_cs_data_stream, Cell.Nokia.rab.setup_complete.rab_setup_completions_for_cs_data_stream, Cell.Nokia.rab.setup_complete._%_rab_setup_comp_for_all_cs

9.50 Cell RAB Setup Successes for PS

This report shows the RAB setup successes and failures for PS services.

Report Feature	Details
Report Tree Branch	System.UMTS.Engineering.UTRAN.Nokia.Cell
Primary Object	Cell
Table for RAB Setup Successes for PS Services	Cell.BSC_Id, Cell.Cell_Id, Cell.Cell_Name, Cell.Nokia.rab.setup_attempts.rab_setup_attempts_for_ps_data_conv, Cell.Nokia.rab.setup_complete.rab_setup_completions_for_ps_data_conv, Cell.Nokia.rab.setup_attempts.rab_setup_attempts_for_ps_data_stream, Cell.Nokia.rab.setup_complete.rab_setup_completions_for_ps_data_stream, Cell.Nokia.rab.setup_attempts.rab_setup_attempts_for_ps_data_intera, Cell.Nokia.rab.setup_complete.rab_setup_completions_for_ps_data_intera, Cell.Nokia.rab.setup_attempts.rab_setup_attempts_for_ps_data_backg, Cell.Nokia.rab.setup_complete.rab_setup_completions_for_ps_data_backg, Cell.Nokia.rab.setup_complete._%_rab_setup_comp_for_all_ps

9.51 Cell Radio Link Average Power

This report shows the average radio link transmitted power in the cell in dBm.

Report Feature	Details
Report Tree Branch	System.UMTS.Engineering.UTRAN.Nokia.Cell
Primary Object	Cell
Table for Average Transmitted Radio Link Power	Cell.BSC_Id, Cell.Cell_Id, Cell.Nokia.radio_link.lvl_ave_trx_for_rl_in_cell, Cell.Nokia.radio_link.nbr_of_rl_meas_reps, Cell.Nokia.radio_link.nbr_of_rls

9.52 Cell RRC Access Failures Per Cause

This report shows the RRC connection access failures per cause. RRC access attempts takes into consideration of RRC setup completions.

Report Feature	Details
Report Tree Branch	System.UMTS.Engineering.UTRAN.Nokia.Cell
Primary Object	Cell
Table for RRC Access Failures Per Cause	Cell.BSC_Id, Cell.Cell_Id, Cell.Cell_Name, Cell.Nokia.rrc.connection_access.rrc_acc_fail_due_to_radio_int_sync h, Cell.Nokia.rrc.connection_access.rrc_acc_fail_due_to_uu_int, Cell.Nokia.rrc.connection_access.rrc_acc_fail_due_to_rnc_inter_reaso ns, Cell.Nokia.rrc.connection_access.tot_rrc_access_fail, Cell.Nokia.rrc.connection_setup.rrc_setup_compl, Cell.Nokia.rrc.connection_access._%_rrc_acc_fail

9.53 Cell RRC Active Failures Per Cause

This report shows the RRC connection active failures per cause. RRC active connection takes into consideration of successful access completions and RRC connection active failures, sum of all active failures excluding special active release cases.

Report Feature	Details
Report Tree Branch	System.UMTS.Engineering.UTRAN.Nokia.Cell
Primary Object	Cell
Table for RRC Active Failure Per Cause	Cell.BSC_Id, Cell.Cell_Id, Cell.Cell_Name, Cell.Nokia.rrc.connection_active.rrc_active_rel_due_to_srnc_reloc, Cell.Nokia.rrc.connection_active.rrc_active_fail_due_to_iu_int, Cell.Nokia.rrc.connection_active.rrc_active_fail_due_to_rnc_inter_rea sons, Cell.Nokia.rrc.connection_active.rrc_active_fail_due_to_bts_reasons,

	Cell.Nokia.rrc.connection_active.rrc_active_fail_due_to_the_iur_int, Cell.Nokia.rrc.connection_active.rrc_active_fail_due_to_ciph_fail, Cell.Nokia.rrc.connection_active.rrc_active_fail_due_to_integrity_che ck, Cell.Nokia.rrc.connection_active.rrc_active_fail_due_to_ue, Cell.Nokia.rrc.connection_active.rrc_active_rel_due_to_pre_emp, Cell.Nokia.rrc.connection_active.rrc_active_fail_due_to_radio_interfa ce, Cell.Nokia.rrc.connection_active.tot_rrc_active_fail, Cell.Nokia.rrc.connection_active._%_rrc_active_fail

9.54 Cell RRC and RAB Retainability - Drop Ratio

This report shows the RRC and RAB Connection Drop ratio (%) for AMR, RT (excluding Voice) and Non RT services as described in the Nokia WCDMA KPI document.

Report Feature	Details
Report Tree Branch	System.UMTS.Engineering.UTRAN.Nokia.Cell
Primary Object	Cell
Graph for RRC and RAB Retainability	Cell.Cell_Id, Cell.Nokia.RAN_Retainability.Service_Level._ %_rrc_drop_ratio, Cell.Nokia.RAN_Retainability.Service_Level._ %_rab_drop_ratio_amr_voice_network, Cell.Nokia.RAN_Retainability.Service_Level._ %_rab_drop_ratio_rt_services_excl_voice_network, Cell.Nokia.RAN_Retainability.Service_Level._ %_rab_drop_ratio_nrt_service_network
Table for RRC and RAB Retainability	RNC.RNC_Id, Cell.Cell_Id, Cell.Cell_Name, Cell.Nokia.RAN_Retainability.Service_Level._%_rrc_drop_ratio, Cell.Nokia.RAN_Retainability.Service_Level._ %_rab_drop_ratio_amr_voice_network, Cell.Nokia.RAN_Retainability.Service_Level._ %_rab_drop_ratio_rt_services_excl_voice_network, Cell.Nokia.RAN_Retainability.Service_Level._ %_rab_drop_ratio_nrt_service_network

9.55 Cell RRC Connections Setup

This report shows the RRC connection setup successes and failures.

Report Feature	Details

Report Tree Branch	System.UMTS.Engineering.UTRAN.Nokia.Cell
Primary Object	Cell
Graph for RRC Connections Setup	Cell.Cell_Id, Cell.Nokia.rrc.connection_setup._%_rrc_setup_fail, Cell.Nokia.rrc.connection_setup.rrc_setup_compl, Cell.Nokia.rrc.connection_setup.tot_rrc_setup_fail, Cell.Nokia.rrc.connection_setup._%_rrc_connections_success_rate
Table for RRC Connections Setup	RNC.RNC_Id, Cell.Cell_Id, Cell.Cell_Name, Cell.Nokia.rrc.connection_setup.rrc_setup_att, Cell.Nokia.rrc.connection_setup.rrc_setup_compl, Cell.Nokia.rrc.connection_setup._%_rrc_connections_success_rate, Cell.Nokia.rrc.connection_setup.tot_rrc_setup_fail, Cell.Nokia.rrc.connection_setup._%_rrc_setup_fail

9.56 Cell RRC Drops Ratio

This report shows Drop ratio covering RRC Active Phase of a call. The initial connections of the RRC active phase takes assumption of the RRC access completion. Or the total of all the RRC active statistics (I.e completion, releases and failures).

Report Feature	Details
Report Tree Branch	System.UMTS.Engineering.UTRAN.Nokia.Cell
Primary Object	Cell
Table for RRC Drops Ratio	Cell.BSC_Id, Cell.Cell_Id, Cell.Cell_Name, Cell.Nokia.rrc.connection_access.rrc_acc_comp, Cell.Nokia.RAN_Retainability.Service_Level._%_rrc_drop_ratio

9.57 Cell RRC Setup Failures Per Cause

This report shows the RRC connection setup failure per cause. Total failures theoretically should be equal to the sum of all causes.

Report Feature	Details
Report Tree Branch	System.UMTS.Engineering.UTRAN.Nokia.Cell
Primary Object	Cell
Table for RRC Setup Failures Per Cause	Cell.BSC_Id, Cell.Cell_Id, Cell.Cell_Name, Cell.Nokia.rrc.connection_setup.rrc_setup_fail_due_to_hc, Cell.Nokia.rrc.connection_setup.rrc_setup_fail_due_to_ac, Cell.Nokia.rrc.connection_setup.rrc_setup_fail_due_to_bts_reasons, Cell.Nokia.rrc.connection_setup.rrc_setup_fail_due_to_trans,

	Cell.Nokia.rrc.connection_setup.rrc_setup_fail_due_to_rnc_inter_reas ons, Cell.Nokia.rrc.connection_setup.rrc_setup_fail_due_to_frozen_bts, Cell.Nokia.rrc.connection_setup.rrc_conn_setup_fail_due_to_rnti_allo _fail, Cell.Nokia.rrc.connection_setup.rrc_setup_fail_due_to_iub_aal2_trans , Cell.Nokia.rrc.connection_setup.tot_rrc_setup_fail, Cell.Nokia.rrc.connection_setup.rrc_setup_att, Cell.Nokia.rrc.connection_setup._%_rrc_setup_fail

9.58 Cell Service CSSR Performance

This report shows the CSSR performance on the AMR, UDI, Packet and Streaming services.

Report Feature	Details
Report Tree Branch	System.UMTS.Engineering.UTRAN.Nokia.Cell
Primary Object	Cell
Graph for CSSR Performance	Cell.Cell_Id, Cell.Nokia.RAN_Accessibility.Service_Level._ %_amr_cssr, Cell.Nokia.RAN_Accessibility.Service_Level._ %_udi_cssr, Cell.Nokia.RAN_Accessibility.Service_Level._ %_streaming_cssr, Cell.Nokia.RAN_Accessibility.Service_Level._ %_packet_cssr
Table for CSSR Performance	RNC.RNC_Id, Cell.Cell_Id, Cell.Cell_Name, Cell.Nokia.RAN_Accessibility.Service_Level._%_amr_cssr, Cell.Nokia.RAN_Accessibility.Service_Level._%_udi_cssr, Cell.Nokia.RAN_Accessibility.Service_Level._%_streaming_cssr, Cell.Nokia.RAN_Accessibility.Service_Level._%_packet_cssr

9.59 Cell Soft Handover RT NRT

This report shows the soft handover performance based on active set updates for RT and NRT services.

Report Feature	Details
Report Tree Branch	System.UMTS.Engineering.UTRAN.Nokia.Cell
Primary Object	Cell
Graph for Soft Handover RT	RNC.RNC_Id, Cell.Cell_Id, Cell.Cell_Name,

	Cell.Nokia.soft_handover.rt.successful_active_set_updates_on_sho_for_rt_traffic, Cell.Nokia.soft_handover.rt.unsuccessful_active_set_updates_on_sho_for_rt_traffic, Cell.Nokia.soft_handover.rt._%_successful_active_set_updates_on_sho_for_rt_traffic
Graph for Soft Handover NRT	Cell.BSC_Id, Cell.Cell_Id, Cell.Cell_Name, Cell.Nokia.soft_handover.nrt.successful_active_set_updates_on_sho_for_nrt_traffic, Cell.Nokia.soft_handover.nrt.unsuccessful_active_set_updates_on_sho_for_nrt_traffic, Cell.Nokia.soft_handover.rt._%_successful_active_set_updates_on_sho_for_rt_traffic

9.60 Cell Throughput Report

This report shows the cell data throughput, both downlink and uplink directions.

Report Feature	Details
Report Tree Branch	System.UMTS.Engineering.UTRAN.Nokia.Cell
Primary Object	Cell
Throughput	Cell.Cell_Id, Cell.BS_Id, Cell.BSC_Id, Cell.Nokia.cell_thruput.cch_data_cell_dl, Cell.Nokia.cell_thruput.cch_data_cell_ul, Cell.Nokia.cell_thruput.edch_data_nsc_ns_edch_ul, Cell.Nokia.cell_thruput.edch_data_nsc_s_edch_ul, Cell.Nokia.cell_thruput.edch_data_scell_ul, Cell.Nokia.cell_thruput.hs_total_data

9.61 Cell Total Service Traffic Throughput

Report for thruput of total cs,ps service traffic on SRNC.The services comprised of allocated CS Voice,CS data transparent-nontransparent,PS Data(Streaming, Interactive, Conversational and Background).Uplink and Downlink thruputs are taken into account

Report Feature	Details
Report Tree Branch	System.UMTS.Engineering.UTRAN.Nokia.Cell
Primary Object	Cell
Graphs for Cell Total Service Traffic Throughput	Cell.Cell_Id, Cell.Nokia.cell_busy_hour_kpi.total_traffic
Table for Cell Total Service Traffic Throughput	Cell.BSC_Id, Cell.Cell_Id, Cell.Cell_Name, Cell.Nokia.cell_busy_hour_kpi.total_traffic

9.62 Cell Transport Channel Throughput

Report for average throughput of the transport channels in UL and DL, namely RACH, PCH, FACH and FACH used for Service Area Broadcast in kbps as described in the Nokia WCDMA RAN KPI document.

Report Feature	Details
Report Tree Branch	System.UMTS.Engineering.UTRAN.Nokia.Cell
Primary Object	Cell
Table for Transport Channel Throughput	Cell.BSC_Id, Cell.Cell_Id, Cell.Cell_Name, Cell.Nokia.RAN_Usage.Cell_Resource.average_fach_throughput, Cell.Nokia.RAN_Usage.Cell_Resource.average_pch_throughput, Cell.Nokia.RAN_Usage.Cell_Resource.average_sab_throughput

9.63 Computer Unit CPU Load in DSP

This report shows the CPU load in the DSP

Report Feature	Details
Report Tree Branch	System.UMTS.Engineering.UTRAN.Nokia.Computer_Unit
Primary Object	Computer_Unit
Graph on CPU Load	Computer_Unit.Nokia.dsp_load.cpu_load_avg, Computer_Unit.Nokia.dsp_load.cpu_load_max, Computer_Unit.Nokia.dsp_load.cpu_load_max_mem_use_exter, Computer_Unit.Nokia.dsp_load.cpu_load_max_mem_use_inter, Computer_Unit.Nokia.dsp_load.cpu_load_max_proc_num
Table on CPU Load	Computer_Unit.Computer_Unit_Id, Computer_Unit.Node_Id, Computer_Unit.Nokia.dsp_load.cpu_load_avg, Computer_Unit.Nokia.dsp_load.cpu_load_max, Computer_Unit.Nokia.dsp_load.cpu_load_max_mem_use_exter, Computer_Unit.Nokia.dsp_load.cpu_load_max_mem_use_inter, Computer_Unit.Nokia.dsp_load.cpu_load_max_proc_num

This edition applies to IBM® Tivoli® Netcool® Performance Manager for Wireless and to all subsequent releases and modifications until otherwise indicated in new editions.

9.64 Computer Unit Processor Load

This report shows the processor load in computer units.

Report Feature	Details
Report Tree Branch	System.UMTS.Engineering.UTRAN.Nokia.Computer_Unit
Primary Object	Computer_Unit
Graph for Processor Load	Computer_Unit.Computer_Unit_Id, Computer_Unit.Nokia.unit_load.average_load, Computer_Unit.Nokia.unit_load.peak_load

9.65 Computer Unit Total TCP IP Traffic

This report shows the TCP and IP packet traffic in the computer unit. The statistics is in bytes

Report Feature	Details
Report Tree Branch	System.UMTS.Engineering.UTRAN.Nokia.Computer_Unit
Primary Object	Computer_Unit
Graph for TCP/IP Traffic	Computer_Unit.Computer_Unit_Id, Computer_Unit.Nokia.tcpip_measurement.tcp.tot_tcp_tx_rx_bytes, Computer_Unit.Nokia.tcpip_measurement.ipv4.tot_Ips_sent_received_fwd, Computer_Unit.Nokia.tcpip_measurement.ipv6.tot_ip6s_sent_received_fwd
Table for TCP/IP Traffic	Computer_Unit.Computer_Unit_Id, Computer_Unit.Nokia.tcpip_measurement.tcp.tot_tcp_tx_rx_bytes, Computer_Unit.Nokia.tcpip_measurement.ipv4.tot_Ips_sent_received_fwd, Computer_Unit.Nokia.tcpip_measurement.ipv6.tot_ip6s_sent_received_fwd

9.66 DSP Pool Resource Utilization Report

This report shows the DSP resource utilization

Report Feature	Details
Report Tree Branch	System.UMTS.Engineering.UTRAN.Nokia.DSP_Pool
Primary Object	DSP_Pool
DSP Resource Utilization	DSP_Pool.DSP_Pool_Id, DSP_Pool.RNC_Id, DSP_Pool.Nokia.dsp_resource_util.available_cap_on_ne,

	DSP_Pool.Nokia.dsp_resource_util.curr_res_alloc_on_ne, DSP_Pool.Nokia.dsp_resource_util.succ_res_alloc_on_ne, DSP_Pool.Nokia.dsp_resource_util.lowest_cap_on_ne, DSP_Pool.Nokia.dsp_resource_util.peak_res_alloc_on_ne

9.67 Ethernet Interface Performance Report

The report shows the ethernet interface performance

Report Feature	Details
Report Tree Branch	System.UMTS.Engineering.UTRAN.Nokia.Ethernet_IF
Primary Object	Ethernet_IF
Ethernet frames received	Ethernet_IF.Ethernet_IF_Id, Ethernet_IF.RNC_Id, Ethernet_IF.Nokia.ethernet_if_perf.ether_rx_frame, Ethernet_IF.Nokia.ethernet_if_perf.ether_rx_kilobyte, Ethernet_IF.Nokia.ethernet_if_perf.ether_rx_broadcast_frame, Ethernet_IF.Nokia.ethernet_if_perf.ether_rx_multicast_frame, Ethernet_IF.Nokia.ethernet_if_perf.ether_rx_unicast_frame
Ethernet frames transmitted	Ethernet_IF.Ethernet_IF_Id, Ethernet_IF.RNC_Id, Ethernet_IF.Nokia.ethernet_if_perf.ether_tx_frame, Ethernet_IF.Nokia.ethernet_if_perf.ether_tx_kilobyte, Ethernet_IF.Nokia.ethernet_if_perf.ether_tx_broadcast_frame, Ethernet_IF.Nokia.ethernet_if_perf.ether_tx_multicast_frame, Ethernet_IF.Nokia.ethernet_if_perf.ether_tx_unicast_frame

9.68 IP Route Accessibility Report

This report shows the average success rate of the transport resource reservation attempts for IP Route based connections

Report Feature	Details
Report Tree Branch	System.UMTS.Engineering.UTRAN.Nokia.IP_ROUTE_BTS
Primary Object	IP_Route_BTS
Graph for IP Route Accessibility	IP_Route_BTS.Nokia.ip_transport_resource_reservations._ %_ip_route_accessibility

This edition applies to IBM® Tivoli® Netcool® Performance Manager for Wireless and to all subsequent releases and modifications until otherwise indicated in new editions.

Table for IP Route Accessibility	IP_Route_BTS.Nokia.ip_transport_resource_reservations.fail_rnc_ip_res_ext, IP_Route_BTS.Nokia.ip_transport_resource_reservations.fail_rnc_ip_res_int, IP_Route_BTS.Nokia.ip_transport_resource_reservations.fail_rnc_ip_res_other, IP_Route_BTS.IP_Route_BTS_Id, IP_Route_BTS.NodeB_Id, IP_Route_BTS.RNC_Id, IP_Route_BTS.Nokia.ip_transport_resource_reservations.succ_rnc_ip_res

9.69 LCG Channel Element Availability Report

This report describes the channel availability in the Local Cell Group.

Report Feature	Details
Report Tree Branch	System.UMTS.Engineering.UTRAN.Nokia.LCG
Primary Object	LCG
Table for Channel Element Availability	LCG.RNC_Id, LCG.NodeB_Id, LCG.LCG_Id, LCG.Nokia.wbts_pool_ce_resources.average_number_of_available_channel_elements, LCG.Nokia.wbts_pool_ce_resources.maximum_number_of_available_channel_elements, LCG.Nokia.wbts_pool_ce_resources.minimum_number_of_available_channel_elements

9.70 LCG Channel Element Usage HSPA Report

This report describes the channel usage in the Local Cell Group for HSPA connections both Uplinks and Downlinks.

Report Feature	Details
Report Tree Branch	System.UMTS.Engineering.UTRAN.Nokia.LCG
Primary Object	LCG
Table for Channel Element Usage HSPA	LCG.RNC_Id, LCG.NodeB_Id, LCG.LCG_Id, LCG.Nokia.wbts_pool_ce_resources.average_number_of_used_ce_for_hsupa_ul, LCG.Nokia.wbts_pool_ce_resources.maximum_number_of_used_ce_for_hsupa_ul, LCG.Nokia.wbts_pool_ce_resources.minimum_number_of_used_ce_for_hsupa_ul, LCG.Nokia.wbts_pool_ce_resources.average_number_of_used_ce_for

	_hsupa_dl, LCG.Nokia.wbts_pool_ce_resources.maximum_number_of_used_ce_for_hsupa_dl, LCG.Nokia.wbts_pool_ce_resources.minimum_number_of_used_ce_for_hsupa_dl

9.71 LCG Channel Element Usage NonHSPA Report

This report describes the channel usage in the Local Cell Group for non HSPA connections both Uplinks and Downlinks.

Report Feature	Details
Report Tree Branch	System.UMTS.Engineering.UTRAN.Nokia.LCG
Primary Object	LCG
Table for Channel Element Usage NonHSPA	LCG.RNC_Id, LCG.NodeB_Id, LCG.LCG_Id, LCG.Nokia.wbts_pool_ce_resources.average_number_of_used_ce_for_ul, LCG.Nokia.wbts_pool_ce_resources.maximum_number_of_used_ce_for_ul, LCG.Nokia.wbts_pool_ce_resources.minimum_number_of_used_ce_for_ul, LCG.Nokia.wbts_pool_ce_resources.average_number_of_used_ce_for_dl, LCG.Nokia.wbts_pool_ce_resources.maximum_number_of_used_ce_for_dl, LCG.Nokia.wbts_pool_ce_resources.minimum_number_of_used_ce_for_dl

9.72 LCG Iub Throughput Report

This report shows FP layer total Iub Throughput volume UL on BTS side for the reporting period on Iub.

Report Feature	Details
Report Tree Branch	System.UMTS.Engineering.UTRAN.Nokia.LCG
Primary Object	LCG

This edition applies to IBM® Tivoli® Netcool® Performance Manager for Wireless and to all subsequent releases and modifications until otherwise indicated in new editions.

Throughput	RNC.RNC_Id, LCG.LCG_Id, LCG.NodeB_Id, LCG.RNC_Id, LCG.Nokia.frame_protocol.cch_data_to_iub_interface, LCG.Nokia.frame_protocol.dch_data_to_iub, LCG.Nokia.frame_protocol.edch_data_to_iub, LCG.Nokia.frame_protocol.iub_throughput_ul_bts

9.73 MTP Signalling Link Performance

This report displays the MTP signalling link performance statistics.

Report Feature	Details
Report Tree Branch	System.UMTS.Engineering.UTRAN.Nokia.Signalling_Link
Primary Object	Signalling_Link
Link Performance	Signalling_Link.SS7_Link_Id, Signalling_Link.SS7_LinkSet_Id, Signalling_Link.SS7_Point_Id, Signalling_Link.Nokia.mtp_signalling_link_performance.dur_in_service_state, Signalling_Link.Nokia.mtp_signalling_link_performance.link_failures_all_reasons, Signalling_Link.Nokia.mtp_signalling_link_performance.link_failures_abnorm_fibr_bsnr, Signalling_Link.Nokia.mtp_signalling_link_performance.link_failures_ali_or_prov_fail, Signalling_Link.Nokia.mtp_signalling_link_performance.link_failures_exc_del_of_ack, Signalling_Link.Nokia.mtp_signalling_link_performance.link_failures_exc_dur_of_cong, Signalling_Link.Nokia.mtp_signalling_link_performance.link_failures_exc_error_rate, Signalling_Link.Nokia.mtp_signalling_link_performance.sign_units_received_in_error, Signalling_Link.Nokia.mtp_signalling_link_performance.negative_acks, Signalling_Link.Nokia.mtp_signalling_link_performance.automatic_changebacks, Signalling_Link.Nokia.mtp_signalling_link_performance.automatic_changeovers, Signalling_Link.Nokia.mtp_signalling_link_performance.link_restorations, Signalling_Link.Nokia.mtp_signalling_link_performance.sd_loss

9.74 MTP Signalling Link Utilisation

This report displays the signalling link utilisation statistics.

Report Feature	Details
Report Tree Branch	System.UMTS.Engineering.UTRAN.Nokia.Signalling_Link
Primary Object	Signalling_Link
Link Utilisation	Signalling_Link.SS7_Link_Id, Signalling_Link.SS7_LinkSet_Id, Signalling_Link.SS7_Point_Id, Signalling_Link.Nokia.mtp_signalling_link_utilization.msus_received, Signalling_Link.Nokia.mtp_signalling_link_utilization.msus_transmitted, Signalling_Link.Nokia.mtp_signalling_link_utilization.octets_retransmitted, Signalling_Link.Nokia.mtp_signalling_link_utilization.sif_and_sio_octets_received, Signalling_Link.Nokia.mtp_signalling_link_utilization.sif_and_sio_octets_transmitted

9.75 MTP Signalling Point Status

This report displays the MTP signalling point status measurements

Report Feature	Details
Report Tree Branch	System.UMTS.Engineering.UTRAN.Nokia.Signalling_Point
Primary Object	Signalling_Point
Status	Signalling_Link.SS7_Point_Id, Signalling_Point.Nokia.mtp_signalling_point_status.adjacent_sp_inaccessible, Signalling_Point.Nokia.mtp_signalling_point_status.nbr_of_received_tfc, Signalling_Point.Nokia.mtp_signalling_point_status.upus_received, Signalling_Point.Nokia.mtp_signalling_point_status.adjacent_sp_ina_duration, Signalling_Point.Nokia.mtp_signalling_point_status.msu_discarded_rec_msus, Signalling_Point.Nokia.mtp_signalling_point_status.msu_discarded_trans_msus, Signalling_Point.Nokia.mtp_signalling_point_status.upus_transmitted

9.76 MTP Signalling Point Traffic

This report displays the MTP signalling traffic measurement of signalling points.

Report Feature	Details
Report Tree Branch	System.UMTS.Engineering.UTRAN.Nokia.Signalling_Point
Primary Object	Signalling_Point
Traffic	Signalling_Point.SS7_Point_Id, Signalling_Point.Nokia.mtp_signalling_traf_report_sp.sif_and_sio_oct_rec_with_opc, Signalling_Point.Nokia.mtp_signalling_traf_report_sp.total_octets_rec_trans, Signalling_Point.Nokia.mtp_signalling_traf_report_sp.total_octets_trans_to_dpc, Signalling_Point.Nokia.mtp_signalling_traf_report_sp.transmitted_octets_1, Signalling_Point.Nokia.mtp_signalling_traf_report_sp.transmitted_octets_2, Signalling_Point.Nokia.mtp_signalling_traf_report_sp.transmitted_octets_3, Signalling_Point.Nokia.mtp_signalling_traf_report_sp.transmitted_octets_4, Signalling_Point.Nokia.mtp_signalling_traf_report_sp.transmitted_octets_5, Signalling_Point.Nokia.mtp_signalling_traf_report_sp.transmitted_octets_6, Signalling_Point.Nokia.mtp_signalling_traf_report_sp.transmitted_octets_7, Signalling_Point.Nokia.mtp_signalling_traf_report_sp.transmitted_octets_8

9.77 Neighbour_RNC Iur Interface Availability

This report describes the availability of the Iur Interface.

Report Feature	Details
Report Tree Branch	System.UMTS.Engineering.UTRAN.Nokia.Neighbour_RNC
Primary Object	Neighbour_RNC
Neighbour_RNC Iur Interface Availability	Neighbour_RNC.RNC_Neighbour_Id, Neighbour_RNC.Source_RNC_Id, Neighbour_RNC.Target_RNC_Id, Neighbour_RNC.Nokia.rnsap.iur_avail.pc_iur_availability, Neighbour_RNC.Nokia.rnsap.iur_avail.iur_not_working_duration

9.78 Neighbour Inter Frequency HHO Report

This report shows the inter-frequency hard handover attempts and complete statistics.

Report Feature	Details
Report Tree Branch	System.UMTS.Engineering.UTRAN.Nokia.Neighbour
Primary Object	Neighbour
Table for Inter Frequency Handovers	Neighbour.Source_Cell_Id, Neighbour.Target_Cell_Id, Neighbour.Neighbour_Id, Neighbour.Nokia.inter_frequency_ho.number_of_inter_frequency_hho_attempts, Neighbour.Nokia.inter_frequency_ho.number_of_completed_inter_frequency_hho

9.79 Neighbour Inter System HHO Report

This report shows the inter-system hard handover attempts and complete statistics to GSM Cells.

Report Feature	Details
Report Tree Branch	System.UMTS.Engineering.UTRAN.Nokia.Neighbour
Primary Object	Neighbour
Table for Inter System Handovers	Neighbour.Source_Cell_Id, Neighbour.Target_Cell_Id, Neighbour.Neighbour_Id, Neighbour.Nokia.hard_handovers.number_of_inter_system_hho_attempts, Neighbour.Nokia.hard_handovers.number_of_completed_inter_system_hho

9.80 Neighbour Soft Handover Report

This report shows the soft handover attempts and complete statistics.

Report Feature	Details
Report Tree Branch	System.UMTS.Engineering.UTRAN.Nokia.Neighbour
Primary Object	Neighbour
Table for Soft Handovers	Neighbour.Source_Cell_Id, Neighbour.Target_Cell_Id,

	Neighbour.Neighbour_Id, Neighbour.Nokia.soft_handovers.number_of_intra_frequency_sho_attempts, Neighbour.Nokia.soft_handovers.number_of_completed_intra_frequency_sho

9.81 NodeB Hardware Pool Capacity

This report shows the hardware pool capacity.

Report Feature	Details
Report Tree Branch	System.UMTS.Engineering.UTRAN.Nokia.NodeB
Primary Object	NodeB
Table for NodeB Hardware Pool Capacity	NodeB.RNC_Id, NodeB.NodeB_Id, NodeB.Nokia.bts_hw.average_available_percentage_pool_capacity_ul, NodeB.Nokia.bts_hw.average_available_percentage_pool_capacity_dl, NodeB.Nokia.bts_hw.nbr_of_cells

9.82 RNC Capacity Usage Report

This report shows the RNC capacity usage

Report Feature	Details
Report Tree Branch	System.UMTS.Engineering.UTRAN.Nokia.RNC
Primary Object	RNC
Capacity Usage	RNC.RNC_Id, RNC.Nokia.rnc_capacity_usage.amr_average, RNC.Nokia.rnc_capacity_usage.amr_max, RNC.Nokia.rnc_capacity_usage.amr_lic_capacity, RNC.Nokia.rnc_capacity_usage.ave_rrc_conn_mode_users, RNC.Nokia.rnc_capacity_usage.ave_users_cell_dch, RNC.Nokia.rnc_capacity_usage.ave_users_cell_fach, RNC.Nokia.rnc_capacity_usage.ave_users_cell_pch, RNC.Nokia.rnc_capacity_usage.ave_users_ura_pch, RNC.Nokia.rnc_capacity_usage.iu_ps_thr_average, RNC.Nokia.rnc_capacity_usage.iu_ps_thr_limit_duration, RNC.Nokia.rnc_capacity_usage.iu_ps_thr_peak, RNC.Nokia.rnc_capacity_usage.iub_ps_thr_lic_capacity, RNC.Nokia.rnc_capacity_usage.max_rrc_conn_mode_users, RNC.Nokia.rnc_capacity_usage.peak_iu_ps_throughput

9.83 RNC CS Iu Release Reason Report

This report describes the Iu release signal coming from and to circuit switched core network subsystem MSC.

Report Feature	Details
Report Tree Branch	System.UMTS.Engineering.UTRAN.Nokia.RNC
Primary Object	RNC
RNC CS Incoming Iu Release Reason Report	RNC.RNC_Id, RNC.RNC_Name, RNC.Nokia.cswitch.iurelreq.inter_syst_hho_iu_rel_in_contr_by_msc_due_to_rn_layer_cause, RNC.Nokia.cswitch.iurelreq.inter_syst_hho_iu_rel_in_contr_by_msc_due_to_tr_cause, RNC.Nokia.cswitch.iurelreq.inter_syst_hho_iu_rel_in_contr_by_msc_due_to_non_stan_cause, RNC.Nokia.cswitch.iurelreq.inter_syst_hho_iu_rel_in_contr_by_msc_due_to_prot_cause, RNC.Nokia.cswitch.iurelreq.inter_syst_hho_iu_rel_in_contr_by_msc_due_to_misc_cause
RNC CS OutGoing Iu Release Reason Report	RNC.RNC_Id, RNC.RNC_Name, RNC.Nokia.cswitch.iurelreq.inter_syst_hho_iu_rel_out_contr_by_msc_due_to_rn_layer_cause, RNC.Nokia.cswitch.iurelreq.inter_syst_hho_iu_rel_out_contr_by_msc_due_to_tr_cause, RNC.Nokia.cswitch.iurelreq.inter_syst_hho_iu_rel_out_contr_by_msc_due_to_non_stan_cause, RNC.Nokia.cswitch.iurelreq.inter_syst_hho_iu_rel_out_contr_by_msc_due_to_prot_cause, RNC.Nokia.cswitch.iurelreq.inter_syst_hho_iu_rel_out_contr_by_msc_due_to_misc_cause

9.84 RNC HSPA HHO Cell Change Failure Report

This report describes the inter-RNC HSPA service Cell Change Failure report

Report Feature	Details
Report Tree Branch	System.UMTS.Engineering.UTRAN.Nokia.RNC
Primary Object	RNC

RNC HSPA Cell Change Report	RNC.RNC_Id, RNC.RNC_Name, RNC.Nokia.anchoring.intrasys_hho_scc.inter_rnc_hho_attempts_due_to_hspa_scc, RNC.Nokia.anchoring.intrasys_hho_scc.unsuccessful_inter_rnc_hho_caused_by_hspa_scc, RNC.Nokia.anchoring.intrasys_hho_scc._%_unsuccessful_inter_rnc_hho_caused_by_hspa_scc

9.85 RNC Intra System Handover Report

This report shows the intra system handover statistics

Report Feature	Details
Report Tree Branch	System.UMTS.Engineering.UTRAN.Nokia.RNC
Primary Object	RNC
Intra system handover	RNC.RNC_Id, RNC.Nokia.hspa_ifho_meas.att_hspa_inter_ifho, RNC.Nokia.hspa_ifho_meas.att_hspa_intra_ifho, RNC.Nokia.hspa_ifho_meas.succ_hspa_inter_ifho, RNC.Nokia.hspa_ifho_meas.succ_hspa_intra_ifho_hsdpa, RNC.Nokia.hspa_ifho_meas.succ_hspa_intra_ifho_hsupa, RNC.Nokia.hspa_ifho_meas.succ_hspa_intra_ifho_rel99

9.86 RNC Iu Interface Availability

This report describes the Iu interface availability connected to CN.

Report Feature	Details
Report Tree Branch	System.UMTS.Engineering.UTRAN.Nokia.RNC
Primary Object	RNC
RNC Iu Interface Availability	RNC.RNC_Id, RNC.RNC_Name, RNC.Nokia.RAN_Usage.Service_Level._%_iu_availability (DA), RNC.Nokia.ranap_stats.iu_not_working_duration (DA)

9.87 RNC Location Service Request Failures

Report of location service request initiated by the RNC , the statistics of the failure statistics , their breakdown.Doesn't include emergency calls related location service requests.Total of failed requests of category to be taken as failed lcs requests

Report Feature	Details
Report Tree Branch	System.UMTS.Engineering.UTRAN.Nokia.RNC

Primary Object	RNC
Table for Location Service Request Failures	RNC.RNC_Id, RNC.Nokia.location_services.failed_high_priority_lcs_req_cell_id_rtt, RNC.Nokia.location_services.failed_normal_priority_lcs_req_cell_id_method, RNC.Nokia.location_services.failed_lcs_requests_due_to_anchoring, RNC.Nokia.location_services.rejected_lcs_requests_due_to_duplicate_request, RNC.Nokia.location_services._%_failed_lcs_requests

9.88 RNC PS Iu Release Reason Report

This report describes the Iu release signal coming from and to packet switched core network subsystem SGSN.

Report Feature	Details
Report Tree Branch	System.UMTS.Engineering.UTRAN.Nokia.RNC
Primary Object	RNC
RNC PS Incoming Iu Release Reason Report	RNC.RNC_Id, RNC.RNC_Name, RNC.Nokia.rnsap.iu_release_request.target.srns_reloc_iu_rel_in_contr_by_sgsn_due_to_rn_layer_cause, RNC.Nokia.rnsap.iu_release_request.target.srns_reloc_iu_rel_in_contr_by_sgsn_due_to_tr_cause, RNC.Nokia.rnsap.iu_release_request.target.srns_reloc_iu_rel_in_contr_by_sgsn_due_to_nas_cause, RNC.Nokia.rnsap.iu_release_request.target.srns_reloc_iu_rel_in_contr_by_sgsn_due_to_prot_cause, RNC.Nokia.rnsap.iu_release_request.target.srns_reloc_iu_rel_in_contr_by_sgsn_due_to_misc_cause, RNC.Nokia.rnsap.iu_release_request.target.srns_reloc_iu_rel_in_contr_by_sgsn_due_to_non_stan_cause
RNC PS OutGoing Iu Release Reason Report	AGPS_IF.Nokia.agps_measurements._%_successful_connections_to_agps_server, RNC.RNC_Id, RNC.RNC_Name, RNC.Nokia.rnsap.iu_release_request.source.srns_reloc_iu_rel_out_contr_by_sgsn_due_to_rn_layer_cause, RNC.Nokia.rnsap.iu_release_request.source.srns_reloc_iu_rel_out_co

	ntr_by_sgsn_due_to_tr_cause, RNC.Nokia.rnsap.iu_release_request.source.srns_reloc_iu_rel_out_co ntr_by_sgsn_due_to_nas_cause, RNC.Nokia.rnsap.iu_release_request.source.srns_reloc_iu_rel_out_co ntr_by_sgsn_due_to_prot_cause, RNC.Nokia.rnsap.iu_release_request.source.srns_reloc_iu_rel_out_co ntr_by_sgsn_due_to_misc_cause, RNC.Nokia.rnsap.iu_release_request.source.srns_reloc_iu_rel_out_co ntr_by_sgsn_due_to_non_stan_cause

IBM Corporation
North Castle Drive
Armonk NY 10504-1785
U.S.A.

For license inquiries regarding double-byte (DBCS) information, contact the IBM Intellectual Property Department in your country or send inquiries, in writing, to:

IBM World Trade Asia Corporation
Licensing
2-31 Roppongi 3-chome
Minato-ku
Tokyo 106-0032
Japan.

The following paragraph does not apply to the United Kingdom or any other country where such provisions are inconsistent with local law: INTERNATIONAL BUSINESS MACHINES CORPORATION PROVIDES THIS PUBLICATION "AS IS" WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESS OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF NON-INFRINGEMENT, MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. Some states do not allow disclaimer of express or implied warranties in certain transactions, therefore, this statement may not apply to you.

This information could include technical inaccuracies or typographical errors. Changes are periodically made to the information herein; these changes will be incorporated in new editions of the publication. IBM may make improvements and/or changes in the product(s) and/or the program(s) described in this publication at any time without notice.

Any references in this information to non-IBM Web sites are provided for convenience only and do not in any manner serve as an endorsement of those Web sites. The materials at those Web sites are not part of the materials for this IBM product and use of those Web sites is at your own risk.

IBM may use or distribute any of the information you supply in any way it believes appropriate without incurring any obligation to you.

Licensees of this program who wish to have information about it for the purpose of enabling: (i) the exchange of information between independently created programs and other programs (including this one) and (ii) the mutual use of the information which has been exchanged, should contact:

IBM Corporation
5300 Cork Airport Business Park
Kinsale Road
Cork
Ireland.

Such information may be available, subject to appropriate terms and conditions, including in some cases, payment of a fee.

The licensed program described in this document and all licensed material available for it are provided by IBM under terms of the IBM Customer Agreement, IBM International Program License Agreement or any equivalent agreement between us.

This edition applies to IBM® Tivoli® Netcool® Performance Manager for Wireless and to all subsequent releases and modifications until otherwise indicated in new editions.

Trademarks

This edition applies to IBM® Tivoli® Netcool® Performance Manager for Wireless and to all subsequent releases and modifications until otherwise indicated in new editions.

International Business Machines Corporation
5300 Cork Airport
Business Park
Kinsale Road
Cork
Ireland

Printed in the Republic of Ireland