



UMTS Ericsson UTRAN P7.1 Product Requirements

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1 Change History

Issue	Date	Author	Comments
1.0	19 Apr 2011	IBM	Fixpack Released

2 Outstanding Issues

Number	Date	Description	Planned Resolution
N/A			

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3 Vendor Measurement Scope

The table below lists the vendor OM groups that are in scope for this tech pack module, broken down by network element, together with their corresponding tech pack KPI group.

Vendor Measurement	Tech Pack KPI Group
AAL0_Tp_Vcc_Tp - Mapped with RNC_AAL0_Link.nedn_SubNetwork & "/" & moid_Aal0TpVccTp or NODEB_AAL0_Link.nedn_SubNetwork & "/" & nedn_MeContext & "/" & moid_Aal0TpVccTp or RXI_AAL0_Link.nedn_SubNetwork & "/" & nedn_MeContext & "/" & moid_Aal0TpVccTp	
RNC_AAL0_Link	AAL0_Tp_Vcc_Tp.Ericsson.UMTS.AAL0
AAL1_Tp_Vcc_Tp - Mapped with RNC_AAL1_Link.nedn_SubNetwork & "/" & moid_Aal1TpVccTp or NODEB_AAL1_Link.nedn_SubNetwork & "/" & nedn_MeContext & "/" & moid_Aal1TpVccTp or RXI_AAL1_Link.nedn_SubNetwork & "/" & nedn_MeContext & "/" & moid_Aal1TpVccTp	
RNC_AAL1_Link	AAL1_Tp_Vcc_Tp.Ericsson.UMTS.AAL1
AAL2_Access_Point - Mapped with RNC_AAL2_AP.nedn_SubNetwork & "/" & moid_Aal2Sp & "/" & moid_Aal2Ap or NODEB_AAL2_AP.nedn_SubNetwork & "/" & nedn_MeContext & "/" & moid_Aal2Sp & "/" & moid_Aal2Ap or RXI_AAL2_AP.nedn_SubNetwork & "/" & nedn_MeContext & "/" & moid_Aal2Sp & "/" & moid_Aal2Ap	
RNC_AAL2_AP	AAL2_Access_Point.Ericsson.UMTS.AAL2
AAL2_Path_Vcc_Tp - Mapped with RNC_AAL2_Link.nedn_SubNetwork & "/" & moid_Aal2PathVccTp or NODEB_AAL2_Link.nedn_SubNetwork & "/" & nedn_MeContext & "/" & moid_Aal2PathVccTp or RXI_AAL2_Link.nedn_SubNetwork & "/" & nedn_MeContext & "/" & moid_Aal2PathVccTp	
RNC_AAL2_Link	AAL2_Path_Vcc_Tp.Ericsson.UMTS.AAL2
AAL2_Signalling_Point - Mapped with RNC_AAL2_SP.nedn_SubNetwork & "/" & moid_Aal2Sp or NODEB_AAL2_SP.nedn_SubNetwork & "/" & nedn_MeContext & "/" & moid_Aal2Sp or RXI_AAL2_SP.nedn_SubNetwork & "/" & nedn_MeContext & "/" & moid_Aal2Sp	
RNC_AAL2_SP	AAL2_Signalling_Point.Ericsson.UMTS.AAL2
AAL5_Tp_Vcc_Tp - Mapped with RNC_AAL5_Link.nedn_SubNetwork & "/" &	

moid_Aal5TpVccTp or NODEB_AAL5_Link.nedn_SubNetwork & "/" & nedn_MeContext & "/" & moid_Aal5TpVccTp or RXI_AAL5_Link.nedn_SubNetwork & "/" & nedn_MeContext & "/" & moid_Aal5TpVccTp	
RNC_AAL5_Link	AAL5_Tp_Vcc_Tp.Ericsson.UMTS.AAL5
Antenna_Branch - Mapped with ManagedElement_Equipment_Sector_AntennaBranch.nedn_SubNetwork & "/" & nedn_MeContext & "/" & moid_Equipment & "/" & moid_SectorAntenna & "/" & moid_AntennaBranch	
ManagedElement_Equipment_Sector_AntennaBranch	Antenna_Branch.Ericsson.UMTS.power_control_statistics
ATM_Port - Mapped with RNC_ATM_Physical_Link.nedn_SubNetwork & "/" & moid_AtmPort or NODEB_ATM_Physical_Link.nedn_SubNetwork & "/" & nedn_MeContext & "/" & moid_AtmPort or RXI_ATM_Physical_Link.nedn_SubNetwork & "/" & nedn_MeContext & "/" & moid_AtmPort	
RNC_ATM_Physical_Link	ATM_Port.Ericsson.UMTS.ATM
RXI_ATM_Physical_Link	ATM_Port.Ericsson.UMTS.ATM
BS_Carrier - Mapped with ME_NodeBFunction_RbsLocalCell_Carrier.nedn_SubNetwork & "/" & nedn_MeContext & "/" & moid_Sector & "/" & moid_Carrier	
ManagedElement_NodeBFunction_Carrier_HsDsch	BS_Carrier.Ericsson.UMTS.Carrier
ME_NodeBFunction_RbsLocalCell_Carrier	BS_Carrier.Ericsson.UMTS.Carrier
ME_NodeBFunction_RbsLocalCell_Carrier	BS_Carrier.Ericsson.UMTS.PDF_pmAverageRssi
ME_NodeBFunction_RbsLocalCell_Carrier	BS_Carrier.Ericsson.UMTS.PDF_pmTransmittedCarrierPower
CC_SP_Device - Mapped with ME_Eqpt_SpDevicePool_CcDevice.nedn_SubNetwork & "/" & moid_Equipment & "/" & moid_SpDevicePool & "/CC-" & moid_CcDevice	
ME_Eqpt_SpDevicePool_CcDevice	CC_SP_Device.Ericsson.UMTS.SP_DevicePool_CC
CchFrameSynch - Mapped with ManagedElement_RncFunction_CchFrameSynch.nedn_SubNetwork & "/" & moid_CchFrameSynch	
ManagedElement_RncFunction	CchFrameSynch.Ericsson.UMTS.Cch_Frame_Synchronisation

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ion_CchFrameSynch	
CDMA_Channel - Mapped with ME_NodeBFunction_Sector_Carrier_Prach.nedn_SubNetwork & "/" & nedn_MeContext & "/" & moid_Sector & "/" & moid_Carrier & "/" & moid_Prach or ManagedElement_NodeBFunction_Carrier_Scpch.nedn_SubNetwork & "/" & nedn_MeContext & "/" & moid_Sector & "/" & moid_Carrier & "/" & moid_Scpch or ManagedElement_NodeBFunction_Sector_Carrier_Aich.nedn_SubNetwork & "/" & nedn_MeContext & "/" & moid_Sector & "/" & moid_Carrier & "/" & moid_Aich or ME_NodeBFunction_Sector_Carrier_EDchResources.nedn_SubNetwork & "/" & nedn_MeContext & "/" & moid_Sector & "/" & moid_Carrier & "/" & moid_EDchResources or ME_NodeBFunction_HsDschResources.nedn_SubNetwork & "/" & nedn_MeContext & "/" & moid_Sector & "/" & moid_Carrier & "/" & moid_HsDschResources	
ManagedElement_NodeBFunction_Carrier_Scpch	CDMA_Channel.Ericsson.UMTS.Common_Channel_Handling
ManagedElement_NodeBFunction_Carrier_Scpch	CDMA_Channel.Ericsson.UMTS.PDF_pmMbmsScpchTransmittedTfc
ManagedElement_NodeBFunction_Sector_Carrier_Aich	CDMA_Channel.Ericsson.UMTS.Common_Channel_Handling
ME_NodeBFunction_HsDschResources	CDMA_Channel.Ericsson.UMTS.Active_Subframes
ME_NodeBFunction_HsDschResources	CDMA_Channel.Ericsson.UMTS.Frame_Delay_SPI_1
ME_NodeBFunction_HsDschResources	CDMA_Channel.Ericsson.UMTS.Frame_Delay_SPI_2
ME_NodeBFunction_HsDschResources	CDMA_Channel.Ericsson.UMTS.HSDSCH_Resource
ME_NodeBFunction_HsDschResources	CDMA_Channel.Ericsson.UMTS.Inactive_Subframes
ME_NodeBFunction_HsDschResources	CDMA_Channel.Ericsson.UMTS.Modulation
ME_NodeBFunction_HsDschResources	CDMA_Channel.Ericsson.UMTS.PDF_pmAck16Qam
ME_NodeBFunction_HsDschResources	CDMA_Channel.Ericsson.UMTS.PDF_pmAck64Qam
ME_NodeBFunction_HsDschResources	CDMA_Channel.Ericsson.UMTS.PDF_pmAckQpsk
ME_NodeBFunction_HsDschResources	CDMA_Channel.Ericsson.UMTS.PDF_pmAverageUserRate

ME_NodeBFunction_HsDschResources	CDMA_Channel.Ericsson.UMTS.PDF_pmCapacityHsDschUsers
ME_NodeBFunction_HsDschResources	CDMA_Channel.Ericsson.UMTS.PDF_pmCapacityHsPdschCodes
ME_NodeBFunction_HsDschResources	CDMA_Channel.Ericsson.UMTS.PDF_pmDelayDistributionSpi00
ME_NodeBFunction_HsDschResources	CDMA_Channel.Ericsson.UMTS.PDF_pmDelayDistributionSpi01
ME_NodeBFunction_HsDschResources	CDMA_Channel.Ericsson.UMTS.PDF_pmDelayDistributionSpi02
ME_NodeBFunction_HsDschResources	CDMA_Channel.Ericsson.UMTS.PDF_pmDelayDistributionSpi03
ME_NodeBFunction_HsDschResources	CDMA_Channel.Ericsson.UMTS.PDF_pmDelayDistributionSpi04
ME_NodeBFunction_HsDschResources	CDMA_Channel.Ericsson.UMTS.PDF_pmDelayDistributionSpi05
ME_NodeBFunction_HsDschResources	CDMA_Channel.Ericsson.UMTS.PDF_pmDelayDistributionSpi06
ME_NodeBFunction_HsDschResources	CDMA_Channel.Ericsson.UMTS.PDF_pmDelayDistributionSpi07
ME_NodeBFunction_HsDschResources	CDMA_Channel.Ericsson.UMTS.PDF_pmDelayDistributionSpi08
ME_NodeBFunction_HsDschResources	CDMA_Channel.Ericsson.UMTS.PDF_pmDelayDistributionSpi09
ME_NodeBFunction_HsDschResources	CDMA_Channel.Ericsson.UMTS.PDF_pmDelayDistributionSpi10
ME_NodeBFunction_HsDschResources	CDMA_Channel.Ericsson.UMTS.PDF_pmDelayDistributionSpi11
ME_NodeBFunction_HsDschResources	CDMA_Channel.Ericsson.UMTS.PDF_pmDelayDistributionSpi12
ME_NodeBFunction_HsDschResources	CDMA_Channel.Ericsson.UMTS.PDF_pmDelayDistributionSpi13

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chResources	
ME_NodeBFunction_HsDs chResources	CDMA_Channel.Ericsson.UMTS.PDF_pmDelayDistributionSpi14
ME_NodeBFunction_HsDs chResources	CDMA_Channel.Ericsson.UMTS.PDF_pmDelayDistributionSpi15
ME_NodeBFunction_HsDs chResources	CDMA_Channel.Ericsson.UMTS.PDF_pmRemainingResourceCheck
ME_NodeBFunction_HsDs chResources	CDMA_Channel.Ericsson.UMTS.PDF_pmReportedCqi64Qam
ME_NodeBFunction_HsDs chResources	CDMA_Channel.Ericsson.UMTS.PDF_pmReportedCqiMimoDs1
ME_NodeBFunction_HsDs chResources	CDMA_Channel.Ericsson.UMTS.PDF_pmReportedCqiMimoDs2
ME_NodeBFunction_HsDs chResources	CDMA_Channel.Ericsson.UMTS.PDF_pmReportedCqiMimoSs
ME_NodeBFunction_HsDs chResources	CDMA_Channel.Ericsson.UMTS.PDF_pmReportedCqi
ME_NodeBFunction_HsDs chResources	CDMA_Channel.Ericsson.UMTS.PDF_pmSumOfHsScchUsedPwr
ME_NodeBFunction_HsDs chResources	CDMA_Channel.Ericsson.UMTS.PDF_pmTransmittedCarrierPowerHs
ME_NodeBFunction_HsDs chResources	CDMA_Channel.Ericsson.UMTS.PDF_pmTransmittedCarrierPowerNo nHs
ME_NodeBFunction_HsDs chResources	CDMA_Channel.Ericsson.UMTS.PDF_pmUsedCqi
ME_NodeBFunction_HsDs chResources	CDMA_Channel.Ericsson.UMTS.PDF_pmUsedHsPdschCodes
ME_NodeBFunction_HsDs chResources	CDMA_Channel.Ericsson.UMTS.PDF_pmUsedTbs16Qam
ME_NodeBFunction_HsDs chResources	CDMA_Channel.Ericsson.UMTS.PDF_pmUsedTbs64Qam
ME_NodeBFunction_HsDs chResources	CDMA_Channel.Ericsson.UMTS.PDF_pmUsedTbsQpsk
ME_NodeBFunction_HsDs chResources	CDMA_Channel.Ericsson.UMTS.User_Buffer

ME_NodeBFunction_HsDschResources	CDMA_Channel.Ericsson.UMTS.User_Scheduling
ME_NodeBFunction_Sector_Carrier_EDchResources	CDMA_Channel.Ericsson.UMTS.EDCH_Resource
ME_NodeBFunction_Sector_Carrier_EDchResources	CDMA_Channel.Ericsson.UMTS.PDF_pmCapacityServEDchUsers
ME_NodeBFunction_Sector_Carrier_EDchResources	CDMA_Channel.Ericsson.UMTS.PDF_pmCommonChPowerEul
ME_NodeBFunction_Sector_Carrier_EDchResources	CDMA_Channel.Ericsson.UMTS.PDF_pmLEDchTot
ME_NodeBFunction_Sector_Carrier_EDchResources	CDMA_Channel.Ericsson.UMTS.PDF_pmLMaxEDch
ME_NodeBFunction_Sector_Carrier_EDchResources	CDMA_Channel.Ericsson.UMTS.PDF_pmNoiseFloor
ME_NodeBFunction_Sector_Carrier_EDchResources	CDMA_Channel.Ericsson.UMTS.PDF_pmNoSchEdchEul
ME_NodeBFunction_Sector_Carrier_EDchResources	CDMA_Channel.Ericsson.UMTS.PDF_pmOwnUuLoad
ME_NodeBFunction_Sector_Carrier_EDchResources	CDMA_Channel.Ericsson.UMTS.PDF_pmTotalRotCoverage
ME_NodeBFunction_Sector_Carrier_EDchResources	CDMA_Channel.Ericsson.UMTS.PDF_pmTotRateGrantedEul
ME_NodeBFunction_Sector_Carrier_EDchResources	CDMA_Channel.Ericsson.UMTS.PDF_pmWaitingTimeEul
ME_NodeBFunction_Sector_Carrier_Prach	CDMA_Channel.Ericsson.UMTS.Common_Channel_Handling
ME_NodeBFunction_Sector_Carrier_Prach	CDMA_Channel.Ericsson.UMTS.PDF_pmPropagationDelay
ME_NodeBFunction_Sector_Carrier_Prach	CDMA_Channel.Ericsson.UMTS.PDF_pmReceivedPreambleSir
ME_NodeBFunction_Sector	CDMA_Channel.Ericsson.UMTS.Signal_to_Inteference_on_RACH

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_Carrier_Prach	
Cell - Mapped with ManagedElement_RncFunction_UtranCell.moid_UtranCell or ManagedElement_RncFunction_UtranCell_GsmRelation.moid_UtranCell or ManagedElement_RncFunction_UtranCell_UtranRelation.moid_UtranCell	
ManagedElement_RncFunction_UtranCell	Cell.Ericsson.UMTS.admission
ManagedElement_RncFunction_UtranCell	Cell.Ericsson.UMTS.BMC
ManagedElement_RncFunction_UtranCell	Cell.Ericsson.UMTS.capacity_management
ManagedElement_RncFunction_UtranCell	Cell.Ericsson.UMTS.CBS_Messages
ManagedElement_RncFunction_UtranCell	Cell.Ericsson.UMTS.cell_availability
ManagedElement_RncFunction_UtranCell	Cell.Ericsson.UMTS.cell Updating
ManagedElement_RncFunction_UtranCell	Cell.Ericsson.UMTS.channel_quality
ManagedElement_RncFunction_UtranCell	Cell.Ericsson.UMTS.channel_switching
ManagedElement_RncFunction_UtranCell	Cell.Ericsson.UMTS.code_control
ManagedElement_RncFunction_UtranCell	Cell.Ericsson.UMTS.compressed_mode
ManagedElement_RncFunction_UtranCell	Cell.Ericsson.UMTS.congestion
ManagedElement_RncFunction_UtranCell	Cell.Ericsson.UMTS.Handover_HSDSCH
ManagedElement_RncFunction_UtranCell	Cell.Ericsson.UMTS.handover_statistics
ManagedElement_RncFunction_UtranCell	Cell.Ericsson.UMTS.Hard_Handover_Eul
ManagedElement_RncFunction_UtranCell	Cell.Ericsson.UMTS.Hard_Handover_HSDSCH
ManagedElement_RncFunction	Cell.Ericsson.UMTS.HARQ

ion_UtranCell	
ManagedElement_RncFunction_UtranCell	Cell.Ericsson.UMTS.HSDSCH_Overload
ManagedElement_RncFunction_UtranCell	Cell.Ericsson.UMTS.Inter_frequency_handover
ManagedElement_RncFunction_UtranCell	Cell.Ericsson.UMTS.inter_radio_access_technology_cell_change_incoming
ManagedElement_RncFunction_UtranCell	Cell.Ericsson.UMTS.inter_radio_access_technology_handover_incoming
ManagedElement_RncFunction_UtranCell	Cell.Ericsson.UMTS.inter_radio_access_technology_handover_outgoing
ManagedElement_RncFunction_UtranCell	Cell.Ericsson.UMTS.MAC_PDU
ManagedElement_RncFunction_UtranCell	Cell.Ericsson.UMTS.NAS_signalling
ManagedElement_RncFunction_UtranCell	Cell.Ericsson.UMTS.paging_counters
ManagedElement_RncFunction_UtranCell	Cell.Ericsson.UMTS.PDF_pmDchDIRlcUserPacketThp
ManagedElement_RncFunction_UtranCell	Cell.Ericsson.UMTS.PDF_pmDchUIRlcUserPacketThp
ManagedElement_RncFunction_UtranCell	Cell.Ericsson.UMTS.PDF_pmEulHarqTransmTti10PsRabs
ManagedElement_RncFunction_UtranCell	Cell.Ericsson.UMTS.PDF_pmEulHarqTransmTti10Srb
ManagedElement_RncFunction_UtranCell	Cell.Ericsson.UMTS.PDF_pmEulHarqTransmTti2PsRabs
ManagedElement_RncFunction_UtranCell	Cell.Ericsson.UMTS.PDF_pmEulHarqTransmTti2Srb
ManagedElement_RncFunction_UtranCell	Cell.Ericsson.UMTS.PDF_pmRes10

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ManagedElement_RncFunction_UtranCell	Cell.Ericsson.UMTS.PDF_pmRes11
ManagedElement_RncFunction_UtranCell	Cell.Ericsson.UMTS.PDF_pmRes12
ManagedElement_RncFunction_UtranCell	Cell.Ericsson.UMTS.PDF_pmRes7
ManagedElement_RncFunction_UtranCell	Cell.Ericsson.UMTS.PDF_pmRes8
ManagedElement_RncFunction_UtranCell	Cell.Ericsson.UMTS.PDF_pmRes9
ManagedElement_RncFunction_UtranCell	Cell.Ericsson.UMTS.PDF_pmTotNoRrcConnectUeCapability
ManagedElement_RncFunction_UtranCell	Cell.Ericsson.UMTS.rab_establishments_and_release
ManagedElement_RncFunction_UtranCell	Cell.Ericsson.UMTS.reconfig_PS_Int_RABs
ManagedElement_RncFunction_UtranCell	Cell.Ericsson.UMTS.RES_Measurements_1
ManagedElement_RncFunction_UtranCell	Cell.Ericsson.UMTS.RES_Measurements_2
ManagedElement_RncFunction_UtranCell	Cell.Ericsson.UMTS.RES_Measurements_3
ManagedElement_RncFunction_UtranCell	Cell.Ericsson.UMTS.RES_Measurements_4
ManagedElement_RncFunction_UtranCell	Cell.Ericsson.UMTS.RES_Measurements_5
ManagedElement_RncFunction_UtranCell	Cell.Ericsson.UMTS.RES_Measurements_6
ManagedElement_RncFunction_UtranCell	Cell.Ericsson.UMTS.RLC_Packet_Data
ManagedElement_RncFunction_UtranCell	Cell.Ericsson.UMTS.rrc_connection_setup_and_release
ManagedElement_RncFunction_UtranCell	Cell.Ericsson.UMTS.SDU_Timing
ManagedElement_RncFunction	Cell.Ericsson.UMTS.soft_softer_handover

ion_UtranCell	
ManagedElement_RncFunction_UtranCell	Cell.Ericsson.UMTS.traffic_volume
ManagedElement_RncFunction_UtranCell	Cell.Ericsson.UMTS.URA_Update
ManagedElement_RncFunction_UtranCell_HsdSCH	Cell.Ericsson.UMTS.HSDSCH_RLC_statistics
ManagedElement_RncFunction_UtranCell_HsdSCH	Cell.Ericsson.UMTS.HSDSCH_service_availability
ManagedElement_RncFunction_UtranCell_HsdSCH	Cell.Ericsson.UMTS.HSDSCH_service_throughput
ManagedElement_RncFunction_UtranCell_HsdSCH	Cell.Ericsson.UMTS.PDF_pmHsDIRlcUserPacketThp
ManagedElement_RncFunction_UtranCell_HsdSCH_Eul	Cell.Ericsson.UMTS.Enhanced_Uplink_service_availability
ManagedElement_RncFunction_UtranCell_HsdSCH_Eul	Cell.Ericsson.UMTS.Enhanced_Uplink_service_throughput
ManagedElement_RncFunction_UtranCell_HsdSCH_Eul	Cell.Ericsson.UMTS.PDF_pmEulRlcUserPacketThp
ME_RNC_UtranCell_MbmsCch	Cell.Ericsson.UMTS.Cell_MBMS_availability
ME_RNC_UtranCell_MbmsCch	Cell.Ericsson.UMTS.MBMS_Sessions
ME_RNC_UtranCell_MbmsCch	Cell.Ericsson.UMTS.traffic_volume
DC_SP_Device - Mapped with ME_Eqpt_SpDevicePool_DcDevice.nedn_SubNetwork & "/" & moid_Equipment & "/" & moid_SpDevicePool & "/DC-" & moid_DcDevice	
ME_Eqpt_SpDevicePool_DcDevice	DC_SP_Device.Ericsson.UMTS.SP_Processor_Load.DC
DchFrameSynch - Mapped with ManagedElement_RncFunction_DchFrameSynch.nedn_SubNetwork & "/" & moid_DchFrameSynch	

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ManagedElement_RncFunction_DchFrameSynch	DchFrameSynch.Ericsson.UMTS.DCH_Frame_Synchronisation
Downlink_Baseband_Pool - Mapped with NodeB_DLBasebandPool.nedn_SubNetwork & "/" & nedn_MeContext & "/" & moid_Equipment & "/" & moid_Subrack & "/" & moid_DownlinkBaseBandPool	
NodeB_DLBasebandPool	Downlink_Baseband_Pool.Ericsson.UMTS.hardware_usage_statistics
NodeB_DLBasebandPool	Downlink_Baseband_Pool.Ericsson.UMTS.PDF_pmCapacityDlCe
NodeB_DLBasebandPool	Downlink_Baseband_Pool.Ericsson.UMTS.PDF_pmUsedADch
E1_Phys_Path_Term - Mapped with RNC_E1_T1_J1_PHYSICAL_LINK.nedn_SubNetwork & "/" & moid_Equipment & "/" & moid_Subrack & "/" & moid_Slot & "/" & moid_PlugInUnit & "/" & moid_ExchangeTerminal & "/" & moid_E1PhysPathTerm or NODEB_E1_T1_J1_PHYSICAL_LINK.nedn_SubNetwork & "/" & nedn_MeContext & "/" & moid_Equipment & "/" & moid_Subrack & "/" & moid_Slot & "/" & moid_PlugInUnit & "/" & moid_ExchangeTerminal & "/" & moid_E1PhysPathTerm or RXI_E1_T1_J1_PHYSICAL_LINK.nedn_SubNetwork & "/" & nedn_MeContext & "/" & moid_Equipment & "/" & moid_Subrack & "/" & moid_Slot & "/" & moid_PlugInUnit & "/" & moid_ExchangeTerminal & "/" & moid_E1PhysPathTerm	
RNC_E1_T1_J1_PHYSICAL_LINK	E1_Phys_Path_Term.Ericsson.UMTS.Physical_Link
E1Ttp - Mapped with RNC_E1Ttp.nedn_SubNetwork & "/" & moid_Equipment & "/" & moid_Subrack & "/" & moid_Slot & "/" & moid_PlugInUnit & "/" & moid_ExchangeTerminal & "/" & moid_Os155SpiTtp & "/" & moid_Vc4Ttp & "/" & moid_Vc12Ttp & "/" & moid_E1Ttp or NODEB_E1Ttp.nedn_SubNetwork & "/" & nedn_MeContext & "/" & moid_Equipment & "/" & moid_Subrack & "/" & moid_Slot & "/" & moid_PlugInUnit & "/" & moid_ExchangeTerminal & "/" & moid_Os155PhysPathTerm & "/" & moid_Vc4Ttp & "/" & moid_Vc12Ttp & "/" & moid_E1Ttp or RXI_E1Ttp.nedn_SubNetwork & "/" & nedn_MeContext & "/" & moid_Equipment & "/" & moid_Subrack & "/" & moid_Slot & "/" & moid_PlugInUnit & "/" & moid_ExchangeTerminal & "/" & moid_Os155PhysPathTerm & "/" & moid_Vc4Ttp & "/" & moid_Vc12Ttp & "/" & moid_E1Ttp	
RNC_E1Ttp	E1Ttp.Ericsson.UMTS.Physical_Link
E3_Phys_Path_Term - Mapped with RNC_E3_T3_PHYSICAL_LINK.nedn_SubNetwork & "/" & moid_Equipment & "/" & moid_Subrack & "/" & moid_Slot & "/" & moid_PlugInUnit & "/" & moid_ExchangeTerminal & "/" & moid_E3PhysPathTerm or NODEB_E3_T3_PHYSICAL_LINK.nedn_SubNetwork & "/" & nedn_MeContext & "/" & moid_Equipment & "/" & moid_Subrack & "/" & moid_Slot & "/" & moid_PlugInUnit & "/" & moid_ExchangeTerminal & "/" & moid_E3PhysPathTerm or RXI_E3_T3_PHYSICAL_LINK.nedn_SubNetwork & "/" & nedn_MeContext & "/" & moid_Equipment & "/" & moid_Subrack & "/" & moid_Slot & "/" & moid_PlugInUnit & "/" & moid_ExchangeTerminal & "/" & moid_E3PhysPathTerm	
RNC_E3_T3_PHYSICAL_LINK	E3_Phys_Path_Term.Ericsson.UMTS.Physical_Link

<p>Ethernet_Link - Mapped with RNC_Ethernet_Link.nedn_SubNetwork & "/" & moid_IpOam & "/" & moid_Ip & "/" & moid_EthernetLink or NODEB_Ethernet_Link.nedn_SubNetwork & "/" & nedn_MeContext & "/" & moid_IpOam & "/" & moid_Ip & "/" & moid_EthernetLink or RXI_Ethernet_Link.nedn_SubNetwork & "/" & nedn_MeContext & "/" & moid_IpOam & "/" & moid_Ip & "/" & moid_EthernetLink</p>	
RNC_Ethernet_Link	Ethernet_Link.Ericsson.UMTS.IP
<p>EthernetSwitchModulePort - Mapped with ME_EthernetSwitchModulePort.nedn_SubNetwork & "/" & moid_Equipment & "/" & moid_Subrack & "/" & moid_Slot & "/" & moid_PlugInUnit & "/" & moid_EthernetSwitchModule&"/"&moid_EthernetSwitchModulePort</p>	
ME_EthernetSwitchModulePort	EthernetSwitchModulePort.Ericsson.UMTS.EthernetSwitchModulePort
<p>EthernetSwitchPort - Mapped with RNC_EthernetSwitchPort.nedn_SubNetwork & "/" & moid_Equipment & "/" & moid_Subrack & "/" & moid_Slot & "/" & moid_PlugInUnit & "/" & moid_ExchangeTerminalIp & "/" & moid_EthernetSwitch & "/" & moid_EthernetSwitchPort or NODEB_EthernetSwitchPort.nedn_SubNetwork & "/" & nedn_MeContext & "/" & moid_Equipment & "/" & moid_Subrack & "/" & moid_Slot & "/" & moid_PlugInUnit & "/" & moid_ExchangeTerminalIp & "/" & moid_EthernetSwitch & "/" & moid_EthernetSwitchPort or RXI_EthernetSwitchPort.nedn_SubNetwork & "/" & nedn_MeContext & "/" & moid_Equipment & "/" & moid_Subrack & "/" & moid_Slot & "/" & moid_PlugInUnit & "/" & moid_ExchangeTerminalIp & "/" & moid_EthernetSwitch & "/" & moid_EthernetSwitchPort</p>	
RNC_EthernetSwitchPort	EthernetSwitchPort.Ericsson.UMTS.SwitchPort_Statistics
<p>Fast_Ethernet - Mapped with ME_RNC_Eqpt_FastEthernet.nedn_SubNetwork & "/" & moid_Equipment & "/" & moid_Subrack & "/" & moid_Slot & "/" & moid_PlugInUnit & "/" & moid_GeneralProcessorUnit & "/" & moid_FastEthernet</p>	
ME_RNC_Eqpt_FastEthernet	Fast_Ethernet.Ericsson.UMTS.FE_If_Traffic
<p>GigabitEthernet - Mapped with ME_RNC_Eqpt_GigaBitEthernet.nedn_SubNetwork & "/" & moid_Equipment & "/" & moid_Subrack & "/" & moid_Slot & "/" & moid_PlugInUnit & "/" & moid_EtMfg & "/" & moid_GigaBitEthernet</p>	
ME_RNC_Eqpt_GigaBitEthernet	GigabitEthernet.Ericsson.UMTS.GB_If_Traffic
<p>IMA_Group - Mapped with RNC_IMA_GROUP.nedn_SubNetwork & "/" & moid_ImaGroup or NODEB_IMA_GROUP.nedn_SubNetwork & "/" & nedn_MeContext & "/" & moid_ImaGroup or RXI_IMA_GROUP.nedn_SubNetwork & "/" & nedn_MeContext & "/" & moid_ImaGroup</p>	

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RNC_IMA_GROUP	IMA_Group.Ericsson.UMTS.IMA_Group_Grp
IMA_Link - Mapped with RNC_IMA_LINK.nedn_SubNetwork & "/" & moid_ImaGroup & "/" & moid_ImaLink or NODEB_IMA_LINK.nedn_SubNetwork & "/" & nedn_MeContext & "/" & moid_ImaGroup & "/" & moid_ImaLink or RXI_IMA_LINK.nedn_SubNetwork & "/" & nedn_MeContext & "/" & moid_ImaGroup & "/" & moid_ImaLink	
RNC_IMA_LINK	IMA_Link.Ericsson.UMTS.IMA
InternalEthernetPort - Mapped with RNC_InternalEthernetPort.nedn_SubNetwork & "/" & moid_Equipment & "/" & moid_Subrack & "/" & moid_Slot & "/" & moid_PlugInUnit & "/" & moid_ExchangeTerminalIp & "/" & moid_InternalEthernetPort or NODEB_InternalEthernetPort.nedn_SubNetwork & "/" & nedn_MeContext & "/" & moid_Equipment & "/" & moid_Subrack & "/" & moid_Slot & "/" & moid_PlugInUnit & "/" & moid_ExchangeTerminalIp & "/" & moid_InternalEthernetPort or RXI_InternalEthernetPort.nedn_SubNetwork & "/" & nedn_MeContext & "/" & moid_Equipment & "/" & moid_Subrack & "/" & moid_Slot & "/" & moid_PlugInUnit & "/" & moid_ExchangeTerminalIp & "/" & moid_InternalEthernetPort	
RNC_InternalEthernetPort	InternalEthernetPort.Ericsson.UMTS.InternalEthernetPort_Stat
InternalEthernetPort_IpIf - Mapped with RNC_PInU_ExchTermIp_InternalEthPrt_IpIntf.nedn_SubNetwork & "/" & moid_Equipment & "/" & moid_Subrack & "/" & moid_Slot & "/" & moid_PlugInUnit & "/" & moid_ExchangeTerminalIp & "/" & moid_InternalEthernetPort & "/" & moid_IpInterface or NodeB_PInU_ExchTermIp_InternalEthPrt_IpIntf.nedn_SubNetwork & "/" & nedn_MeContext & "/" & moid_Equipment & "/" & moid_Subrack & "/" & moid_Slot & "/" & moid_PlugInUnit & "/" & moid_ExchangeTerminalIp & "/" & moid_InternalEthernetPort & "/" & moid_IpInterface or RXI_PInU_ExchTermIp_InternalEthPrt_IpIntf.nedn_SubNetwork & "/" & nedn_MeContext & "/" & moid_Equipment & "/" & moid_Subrack & "/" & moid_Slot & "/" & moid_PlugInUnit & "/" & moid_ExchangeTerminalIp & "/" & moid_InternalEthernetPort & "/" & moid_IpInterface	
NodeB_PInU_ExchTermIp_InternalEthPrt_IpIntf	InternalEthernetPort_IpIf.Ericsson.UMTS.Ip_Interface
InternalLinkGroup - Mapped with RNC_SwitchFabric_InternalLinkGroup.nedn_SubNetwork & "/" & moid_SwitchFabric & "/" & moid_InternalLinkGroup or NodeB_SwitchFabric_InternalLinkGroup.nedn_SubNetwork & "/" & nedn_MeContext & "/" & moid_SwitchFabric & "/" & moid_InternalLinkGroup or RXI_SwitchFabric_InternalLinkGroup.nedn_SubNetwork & "/" & nedn_MeContext & "/" & moid_SwitchFabric & "/" & moid_InternalLinkGroup	
RNC_SwitchFabric_InternalLinkGroup	InternalLinkGroup.Ericsson.UMTS.PDF_pmPeakBwLevel
Ip_Atm_Link - Mapped with RNC_IP_ATM_Link.nedn_SubNetwork & "/" & moid_IpOam & "/" & moid_Ip & "/" & moid_IpAtmLink or NODEB_IP_ATM_Link.nedn_SubNetwork & "/" & nedn_MeContext & "/" & moid_IpOam & "/" & moid_Ip & "/" & moid_IpAtmLink or RXI_IP_ATM_Link.nedn_SubNetwork & "/" & nedn_MeContext & "/" & moid_IpOam & "/" &	

moid_Ip & "/" & moid_IpAtmLink	
RNC_IP_ATM_Link	Ip_Atm_Link.Ericsson.UMTS.IP
IP_Interface - Mapped with RNC_IP_Link.nedn_SubNetwork & "/" & moid_IpOam & "/" & moid_Ip or NODEB_IP_Link.nedn_SubNetwork & "/" & nedn_MeContext & "/" & moid_IpOam & "/" & moid_Ip or RXI_IP_Link.nedn_SubNetwork & "/" & nedn_MeContext & "/" & moid_IpOam & "/" & moid_Ip or PlugInUnit_EtMfg_GigaBitEther_IpIntf.nedn_SubNetwork & "/" & moid_Equipment & "/" & moid_Subrack & "/" & moid_Slot & "/" & moid_PlugInUnit & "/" & moid_EtMfg & "/" & moid_GigaBitEthernet & "/" & moid_IpInterface	
PlugInUnit_EtMfg_GigaBitEther_IpIntf	IP_Interface.Ericsson.UMTS.GigabitEthernet_If
RNC_IP_Link	IP_Interface.Ericsson.UMTS.IP
IPAccessHost_Et - Mapped with RNC_IpAccessHostEt.nedn_SubNetwork & "/" & moid_IpSystem & "/" & moid_IpAccessHostEt or NODEB_IpAccessHostEt.nedn_SubNetwork & "/" & nedn_MeContext & "/" & moid_IpSystem & "/" & moid_IpAccessHostEt or RXI_IpAccessHostEt.nedn_SubNetwork & "/" & nedn_MeContext & "/" & moid_IpSystem & "/" & moid_IpAccessHostEt	
RNC_IpAccessHostEt	IPAccessHost_Et.Ericsson.UMTS.IpAccessHostEt_Stats
IPAccessHost_Gpb - Mapped with RNC_IpSystem_IpAccessHostGpb.nedn_SubNetwork & "/" & moid_IpSystem & "/" & moid_IpAccessHostGpb or NodeB_IpSystem_IpAccessHostGpb.nedn_SubNetwork & "/" & nedn_MeContext & "/" & moid_IpSystem & "/" & moid_IpAccessHostGpb	
RNC_IpSystem_IpAccessHostGpb	IPAccessHost_Gpb.Ericsson.UMTS.IP_Payload
IPAccessHost_Spb - Mapped with RNC_IP_Access.nedn_SubNetwork & "/" & moid_IpSystem & "/" & moid_IpAccessHostSpb	
RNC_IP_Access	IPAccessHost_Spb.Ericsson.UMTS.IP_Payload
IPAccessUdpHost_Msb - Mapped with RNC_IpSystem_IpAccessUdpHostMsb.nedn_SubNetwork & "/" & moid_IpSystem & "/" & moid_UdpHostMainMsb & "/" & moid_IpAccessUdpHostMsb or NodeB_IpSystem_IpAccessUdpHostMsb.nedn_SubNetwork & "/" & nedn_MeContext & "/" & moid_IpSystem & "/" & moid_UdpHostMainMsb & "/" & moid_IpAccessUdpHostMsb	
RNC_IpSystem_IpAccessUdpHostMsb	IPAccessUdpHost_Msb.Ericsson.UMTS.IP_Payload
IPEthPacketDataRouter - Mapped with ME_RNC_IpEthPDR.nedn_SubNetwork & "/" &	

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moid_Equipment & "/" & moid_SpDevicePool & "/" & moid_PdrDevice & "/" & moid_IpEthPacketDataRouter	
ME_RNC_IpEthPDR	IPEthPacketDataRouter.Ericsson.UMTS.Packet_Data_Router
IpHostLink - Mapped with RNC_IPHostLink.nedn_SubNetwork & "/" & moid_IpOam & "/" & moid_Ip & "/" & moid_IpHostLink or NODEB_IPHostLink.nedn_SubNetwork & "/" & nedn_MeContext & "/" & moid_IpOam & "/" & moid_Ip & "/" & moid_IpHostLink or RXI_IPHostLink.nedn_SubNetwork & "/" & nedn_MeContext & "/" & moid_IpOam & "/" & moid_Ip & "/" & moid_IpHostLink	
RNC_IPHostLink	IpHostLink.Ericsson.UMTS.IpHostLink
Iu - Mapped with ME_RNC_CNOPR_IuLink.nedn_SubNetwork & "/" & moid_CnOperator & "/" & moid_IuLink	
ME_RNC_CNOPR_IuLink	Iu.Ericsson.UMTS.Link_Messages
Iub - Mapped with ME_RNC_IubLink.nedn_SubNetwork & "/" & moid_IubLink or ManagedElement_NodeBFunction_Iub.nedn_SubNetwork & "/" & nedn_MeContext & "/" & moid_Iub	
ManagedElement_NodeBFunction_Iub	Iub.Ericsson.UMTS.Iub_Link
ME_RNC_IubLink	Iub.Ericsson.UMTS.Link_Availability
ME_RNC_IubLink	Iub.Ericsson.UMTS.Link_Credits
ME_RNC_IubLink	Iub.Ericsson.UMTS.Link_Messages
ME_RNC_IubLink	Iub.Ericsson.UMTS.PDF_pmDICredits
ME_RNC_IubLink	Iub.Ericsson.UMTS.PDF_pmTnAdmUsedBandwidthDI
ME_RNC_IubLink	Iub.Ericsson.UMTS.PDF_pmUICredits
IuBcLink - Mapped with ManagedElement_RncFunction_IuBcLink.nedn_subnetwork&"/"&moid_iubclink	
ManagedElement_RncFunction_IuBcLink	IuBcLink.Ericsson.UMTS.SABP
IubEdch - Mapped with ME_RNC_IubLink_IubEdch.nedn_SubNetwork & "/" & moid_IubLink & "/" & moid_IubEdch	
ME_RNC_IubLink_IubEdch	IubEdch.Ericsson.UMTS.Frame_Synchronisation
ME_RNC_IubLink_IubEdch	IubEdch.Ericsson.UMTS.PDF_pmEdchDataFrameDelayIub
LAC - Mapped with ManagedElement_RncFunction_LocationArea.nedn_SubNetwork & "/" &	

moid_RncFunction & "/" & moid_LocationArea	
ManagedElement_RncFunction_LocationArea	LAC.Ericsson.UMTS.paging_counters
Load_Control_Unit - Mapped with RNC_PIU_GeneralProcessorUnit_LoadControl.nedn_SubNetwork & "/" & moid_Equipment & "/" & moid_Subrack & "/" & moid_Slot & "/" & moid_PlugInUnit & "/" & moid_GeneralProcessorUnit & "/" & moid_LoadControl	
RNC_PIU_GeneralProcessorUnit_LoadControl	Load_Control_Unit.Ericsson.UMTS.Load_Control
RNC_PIU_GeneralProcessorUnit_LoadControl	Load_Control_Unit.Ericsson.UMTS.PDF_pmMeasuredLoad
M3UA - Mapped with ME_TN_Mtp3bSpItu_M3uAssociation.nedn_SubNetwork & "/" & moid_Mtp3bSpItu & "/" & moid_M3uAssociation	
ME_TN_Mtp3bSpItu_M3uAssociation	M3UA.Ericsson.UMTS.M3UA
Mbms - Mapped with ME_RNC_Mbms.nedn_SubNetwork & "/" & moid_Mbms	
ME_RNC_Mbms	Mbms.Ericsson.UMTS.RLC_Statistics
Medium_Access_Unit - Mapped with RNC_Processor_Load.nedn_SubNetwork & "/" & moid_Equipment & "/" & moid_Subrack & "/" & moid_Slot & "/" & moid_PlugInUnit & "/" & moid_GeneralProcessorUnit & "/" & moid_MediumAccessUnit or RXI_Processor_Load.nedn_SubNetwork & "/" & moid_Equipment & "/" & moid_Subrack & "/" & moid_Slot & "/" & moid_PlugInUnit & "/" & moid_GeneralProcessorUnit & "/" & moid_MediumAccessUnit or NODEB_Processor_Load.nedn_SubNetwork & "/" & nedn_MeContext & "/" & moid_Equipment & "/" & moid_Subrack & "/" & moid_Slot & "/" & moid_PlugInUnit & "/" & moid_GeneralProcessorUnit & "/" & moid_MediumAccessUnit or NODEB_CBU_Processor_Load.nedn_SubNetwork & "/" & nedn_MeContext & "/" & moid_Equipment & "/" & moid_Subrack & "/" & moid_Slot & "/" & moid_PlugInUnit & "/" & moid_Cbu & "/" & moid_GeneralProcessorUnit & "/" & moid_MediumAccessUnit or RNC_CBU_Processor_Load.nedn_SubNetwork & "/" & moid_Equipment & "/" & moid_Subrack & "/" & moid_Slot & "/" & moid_PlugInUnit & "/" & moid_Cbu & "/" & moid_GeneralProcessorUnit & "/" & moid_MediumAccessUnit or RXI_CBU_Processor_Load.nedn_SubNetwork & "/" & moid_Equipment & "/" & moid_Subrack & "/" & moid_Slot & "/" & moid_PlugInUnit & "/" & moid_Cbu & "/" & moid_GeneralProcessorUnit & "/" & moid_MediumAccessUnit	
NODEB_Processor_Load	Medium_Access_Unit.Ericsson.UMTS.Medium_Access

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MTP2_Tp - Mapped with RNC_Mtp2tpItu.nedn_SubNetwork & "/" & moid_Mtp2tpItu or NODEB_Mtp2tpItu.nedn_SubNetwork & "/" & nedn_MeContext & "/" & moid_Mtp2tpItu	
RNC_Mtp2tpItu	MTP2_Tp.Ericsson.UMTS.MTP
MTP3B_AP - Mapped with ME_TN_Mtp3bSpItu_Mtp3bAp.nedn_SubNetwork & "/" & moid_Mtp3bSpItu & "/" & moid_Mtp3bAp	
ME_TN_Mtp3bSpItu_Mtp3bAp	MTP3B_AP.Ericsson.UMTS.AP_MTP
MTP3B_SL - Mapped with ME_TN_Mtp3bSpItu_Mtp3bSls_Mtp3bSIIItu.nedn_SubNetwork & "/" & moid_Mtp3bSpItu & "/" & moid_Mtp3bSls & "/" & moid_Mtp3bSIIItu	
ME_TN_Mtp3bSpItu_Mtp3bSls_Mtp3bSIIItu	MTP3B_SL.Ericsson.UMTS.MTP
MTP3B_SP - Mapped with RNC_Mtp3bSpItu_Signaling.nedn_SubNetwork & "/" & moid_Mtp3bSpItu	
RNC_Mtp3bSpItu_Signaling	MTP3B_SP.Ericsson.UMTS.MTP
MTP3B_SR - Mapped with ME_TN_Mtp3bSpItu_Mtp3bSrs_Mtp3bSr.nedn_SubNetwork & "/" & moid_Mtp3bSpItu & "/" & moid_Mtp3bSrs & "/" & moid_Mtp3bSr	
ME_TN_Mtp3bSpItu_Mtp3bSrs_Mtp3bSr	MTP3B_SR.Ericsson.UMTS.SR_MTP
MTP3B_SRS - Mapped with ME_TN_Mtp3bSpItu_Mtp3bSrs.nedn_SubNetwork & "/" & moid_Mtp3bSpItu & "/" & moid_Mtp3bSrs	
ME_TN_Mtp3bSpItu_Mtp3bSrs	MTP3B_SRS.Ericsson.UMTS.MTP
NBAPCommon - Mapped with ManagedElement_RncFunction_NbapCommon.nedn_SubNetwork & "/" & moid_IubLink & "/" & moid_NbapCommon	
ManagedElement_RncFunction_NbapCommon	NBAPCommon.Ericsson.UMTS.NBAP
Neighbour - Mapped with ManagedElement_RncFunction_UtranCell_GsmRelation.nedn_SubNetwork & "/" & moid_UtranCell & "/" & moid_GsmRelation or ManagedElement_RncFunction_UtranCell_UtranRelation.nedn_SubNetwork & "/" & moid_UtranCell & "/" & moid_UtranRelation	
ManagedElement_RncFunction_UtranCell_GsmRelation	Neighbour.Ericsson.UMTS.inter_radio_access_technology_cell_change_outgoing
ManagedElement_RncFunction_UtranCell_GsmRelation	Neighbour.Ericsson.UMTS.inter_radio_access_technology_handover_outgoing

ManagedElement_RncFunction_UtranCell_UtranRelation	Neighbour.Ericsson.UMTS.CN_Hard_Handover
ManagedElement_RncFunction_UtranCell_UtranRelation	Neighbour.Ericsson.UMTS.Inter_frequency_handover_PS
ManagedElement_RncFunction_UtranCell_UtranRelation	Neighbour.Ericsson.UMTS.Inter_frequency_handover
ManagedElement_RncFunction_UtranCell_UtranRelation	Neighbour.Ericsson.UMTS.soft_softer_handover
Neighbour_RNC - Mapped with ManagedElement_RncFunction_IurLink.nedn_SubNetwork & "/" & moid_IurLink or ManagedElement_RncFunction_IurLink_IurCchUp.nedn_SubNetwork & "/" & moid_IurLink or ManagedElement_RncFunction_IurLink_IurCchCp.nedn_SubNetwork & "/" & moid_IurLink	
ManagedElement_RncFunction_IurLink	Neighbour_RNC.Ericsson.UMTS.CN_Hard_Handover
ManagedElement_RncFunction_IurLink	Neighbour_RNC.Ericsson.UMTS.DCH_Frames
ManagedElement_RncFunction_IurLink	Neighbour_RNC.Ericsson.UMTS.Link_Availability
ManagedElement_RncFunction_IurLink	Neighbour_RNC.Ericsson.UMTS.PDF_pmEdchDataFrameDelayIub
ManagedElement_RncFunction_IurLink	Neighbour_RNC.Ericsson.UMTS.RAB_handling
ManagedElement_RncFunction_IurLink	Neighbour_RNC.Ericsson.UMTS.soft_softer_handover
ManagedElement_RncFunction_IurLink_IurCchCp	Neighbour_RNC.Ericsson.UMTS.common_transport_channel_handling_in_iur
ManagedElement_RncFunction_IurLink_IurCchUp	Neighbour_RNC.Ericsson.UMTS.common_transport_channel_error_handling_in_iur
Nni_SAAL_Tp - Mapped with RNC_NniSAalTp_Signaling.nedn_SubNetwork & "/" &	

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moid_NniSaalTp or NODEB_NniSaalTp_Signaling.nedn_SubNetwork & "/" & nedn_MeContext & "/" & moid_NniSaalTp or RXI_NniSaalTp_Signaling.nedn_SubNetwork & "/" & nedn_MeContext & "/" & moid_NniSaalTp	
RNC_NniSaalTp_Signaling	Nni_SAAL_Tp.Ericsson.UMTS.NNI_SAAL
NodeB - Mapped with ManagedElement.nedn_SubNetwork & "/" & nedn_MeContext	
Group_ManagedElement	NodeB.Ericsson.UMTS.hardware_usage_statistics
ManagedElement	NodeB.Ericsson.UMTS.Channel_element_utilisation
ManagedElement	NodeB.Ericsson.UMTS.Downlink_Pool
ManagedElement	NodeB.Ericsson.UMTS.PDF_pmCapacityNodeBDICe
ManagedElement	NodeB.Ericsson.UMTS.PDF_pmCapacityNodeBUICe
ManagedElement	NodeB.Ericsson.UMTS.Uplink_Pool
ME_NodeBFunction_IubDataStreams	NodeB.Ericsson.UMTS.Frame_Delay_SPI
ME_NodeBFunction_IubDataStreams	NodeB.Ericsson.UMTS.Frame_Lost_SPI
ME_NodeBFunction_IubDataStreams	NodeB.Ericsson.UMTS.Frame_Received_SPI
ME_NodeBFunction_IubDataStreams	NodeB.Ericsson.UMTS.IubDataStreams.Hardware_usage
ME_NodeBFunction_IubDataStreams	NodeB.Ericsson.UMTS.PDF_pmHsDataFrameDelayIubSpi00
ME_NodeBFunction_IubDataStreams	NodeB.Ericsson.UMTS.PDF_pmHsDataFrameDelayIubSpi01
ME_NodeBFunction_IubDataStreams	NodeB.Ericsson.UMTS.PDF_pmHsDataFrameDelayIubSpi02
ME_NodeBFunction_IubDataStreams	NodeB.Ericsson.UMTS.PDF_pmHsDataFrameDelayIubSpi03
ME_NodeBFunction_IubDataStreams	NodeB.Ericsson.UMTS.PDF_pmHsDataFrameDelayIubSpi04
ME_NodeBFunction_IubDataStreams	NodeB.Ericsson.UMTS.PDF_pmHsDataFrameDelayIubSpi05
ME_NodeBFunction_IubDataStreams	NodeB.Ericsson.UMTS.PDF_pmHsDataFrameDelayIubSpi06

ME_NodeBFunction_IubDataStreams	NodeB.Ericsson.UMTS.PDF_pmHsDataFrameDelayIubSpi07
ME_NodeBFunction_IubDataStreams	NodeB.Ericsson.UMTS.PDF_pmHsDataFrameDelayIubSpi08
ME_NodeBFunction_IubDataStreams	NodeB.Ericsson.UMTS.PDF_pmHsDataFrameDelayIubSpi09
ME_NodeBFunction_IubDataStreams	NodeB.Ericsson.UMTS.PDF_pmHsDataFrameDelayIubSpi10
ME_NodeBFunction_IubDataStreams	NodeB.Ericsson.UMTS.PDF_pmHsDataFrameDelayIubSpi11
ME_NodeBFunction_IubDataStreams	NodeB.Ericsson.UMTS.PDF_pmHsDataFrameDelayIubSpi12
ME_NodeBFunction_IubDataStreams	NodeB.Ericsson.UMTS.PDF_pmHsDataFrameDelayIubSpi13
ME_NodeBFunction_IubDataStreams	NodeB.Ericsson.UMTS.PDF_pmHsDataFrameDelayIubSpi14
ME_NodeBFunction_IubDataStreams	NodeB.Ericsson.UMTS.PDF_pmHsDataFrameDelayIubSpi15
ME_NodeBFunction_IubDataStreams	NodeB.Ericsson.UMTS.PDF_pmIubMacdPduRbsReceivedBits
ME_NodeBFunction_NbapCommon	NodeB.Ericsson.UMTS.NBAP
NodeSynch - Mapped with ME_RNC_IubLink_NodeSynch.nedn_SubNetwork & "/" & moid_IubLink & "/" & moid_NodeSynch	
ME_RNC_IubLink_NodeSynch	NodeSynch.Ericsson.UMTS.Delay_Measurements
OS155_Phys_Path_Term - Mapped with RNC_155_Physical_Link.nedn_SubNetwork & "/" & moid_Equipment & "/" & moid_Subrack & "/" & moid_Slot & "/" & moid_PlugInUnit & "/" & moid_ExchangeTerminal & "/" & moid_Os155SpiTtp or NODEB_155_Physical_Link.nedn_SubNetwork & "/" & nedn_MeContext & "/" & moid_Equipment & "/" & moid_Subrack & "/" & moid_Slot & "/" & moid_PlugInUnit & "/" & moid_ExchangeTerminal & "/" & moid_Os155SpiTtp or RXI_155_Physical_Link.nedn_SubNetwork & "/" & nedn_MeContext & "/" & moid_Equipment & "/" & moid_Subrack & "/" & moid_Slot & "/"	

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& moid_PlugInUnit & "/" & moid_ExchangeTerminal & "/" & moid_Os155SpiTtp	
RNC_155_Physical_Link	OS155_Phys_Path_Term.Ericsson.UMTS.Physical_Link
OSPF - Mapped with RNC_Ospf.nedn_SubNetwork & "/" & moid_IpSystem & "/" & moid_Ospf or NODEB_Ospf.nedn_SubNetwork & "/" & nedn_MeContext & "/" & moid_IpSystem & "/" & moid_Ospf or RXI_Ospf.nedn_SubNetwork & "/" & nedn_MeContext & "/" & moid_IpSystem & "/" & moid_Ospf	
RNC_Ospf	OSPF.Ericsson.UMTS.OSPF_Grp
OSPF_Area - Mapped with RNC_OspfArea.nedn_SubNetwork & "/" & moid_IpSystem & "/" & moid_Ospf & "/" & moid_OspfArea or NODEB_OspfArea.nedn_SubNetwork & "/" & nedn_MeContext & "/" & moid_IpSystem & "/" & moid_Ospf & "/" & moid_OspfArea or RXI_OspfArea.nedn_SubNetwork & "/" & nedn_MeContext & "/" & moid_IpSystem & "/" & moid_Ospf & "/" & moid_OspfArea	
RNC_OspfArea	OSPF_Area.Ericsson.UMTS.OSPF
OSPF_Interface - Mapped with RNC_OspfInterface.nedn_SubNetwork & "/" & moid_IpSystem & "/" & moid_Ospf & "/" & moid_OspfInterface or NODEB_OspfInterface.nedn_SubNetwork & "/" & nedn_MeContext & "/" & moid_IpSystem & "/" & moid_Ospf & "/" & moid_OspfInterface or RXI_OspfInterface.nedn_SubNetwork & "/" & nedn_MeContext & "/" & moid_IpSystem & "/" & moid_Ospf & "/" & moid_OspfInterface	
RNC_OspfInterface	OSPF_Interface.Ericsson.UMTS.OSPF
PacketDataRouter - Mapped with Me_Eqpt_SpDevicePool_PdrDevice_PacketDataRouter.nedn_SubNetwork & "/" & moid_Equipment & "/" & moid_SpDevicePool & "/PDR-" & moid_PdrDevice & "/" & moid_PacketDataRouter	
Me_Eqpt_SpDevicePool_PdrDevice_PacketDataRouter	PacketDataRouter.Ericsson.UMTS.Packet_Data_Router
Pcap - Mapped with ME_RncFunction_SasPositioning_Pcap.nedn_SubNetwork&"/"&moid_saspositioning&"/"&moid_pcap	
ME_RncFunction_SasPositioning_Pcap	Pcap.Ericsson.UMTS.Pcap_measurements
PDR_SP_Device - Mapped with Me_Eqpt_SpDevicePool_PdrDevice.nedn_SubNetwork & "/" & moid_Equipment & "/" & moid_SpDevicePool & "/PDR-" & moid_PdrDevice	
Me_Eqpt_SpDevicePool_PdrDevice	PDR_SP_Device.Ericsson.UMTS.SP_Processor_Load
Plug_In_Unit - Mapped with RNC_Plug_In_Unit.nedn_SubNetwork & "/" & moid_Equipment & "/" & moid_Subrack & "/" & moid_Slot & "/" & moid_PlugInUnit or RXI_Plug_In_Unit.nedn_SubNetwork & "/" & moid_Equipment & "/" & moid_Subrack & "/" & moid_Slot & "/" & moid_PlugInUnit or NODEB_Plug_In_Unit.nedn_SubNetwork & "/" &	

<p>nedn_MeContext & "/" & moid_Equipment & "/" & moid_Subrack & "/" & moid_Slot & "/" & moid_PlugInUnit or ME_Eqpt_Subrack_Slot_PlugInUnit_SpbDvGrp_CcDevice.nedn_SubNetwork & "/" & moid_Equipment & "/" & moid_Subrack & "/" & moid_Slot & "/" & moid_PlugInUnit & "/" & moid_SpbDeviceGroup & "/" & moid_SpbDeviceSet & "/" & moid_CcDevice or ME_Eqpt_Subrack_Slot_PlugInUnit_SpbDvGrp_DcDevice.nedn_SubNetwork & "/" & moid_Equipment & "/" & moid_Subrack & "/" & moid_Slot & "/" & moid_PlugInUnit & "/" & moid_SpbDeviceGroup & "/" & moid_SpbDeviceSet & "/" & moid_DcDevice or RNC_PIU_GeneralProcessorUnit_LoadControl.nedn_SubNetwork & "/" & moid_Equipment & "/" & moid_Subrack & "/" & moid_Slot & "/" & moid_PlugInUnit & "/" & moid_GeneralProcessorUnit & "/" & moid_LoadControl or NODEB_PIU_GeneralProcessorUnit_LoadControl.nedn_SubNetwork & "/" & nedn_MeContext & "/" & moid_Equipment & "/" & moid_Subrack & "/" & moid_Slot & "/" & moid_PlugInUnit & "/" & moid_GeneralProcessorUnit & "/" & moid_LoadControl or RXI_PIU_GeneralProcessorUnit_LoadControl.nedn_SubNetwork & "/" & moid_Equipment & "/" & moid_Subrack & "/" & moid_Slot & "/" & moid_PlugInUnit & "/" & moid_GeneralProcessorUnit & "/" & moid_LoadControl</p>	
ME_Eqpt_Subrack_Slot_PlugInUnit_SpbDvGrp_CcDevice	Plug_In_Unit.Ericsson.UMTS.SP_Processor_Load.CC
ME_Eqpt_Subrack_Slot_PlugInUnit_SpbDvGrp_DcDevice	Plug_In_Unit.Ericsson.UMTS.SP_Processor_Load.DC
NODEB_PIU_GeneralProcessorUnit_LoadControl	Plug_In_Unit.Ericsson.UMTS.Load_Control
RNC_Plug_In_Unit	Plug_In_Unit.Ericsson.UMTS.RNC_Processor_Load
<p>PositioningServiceClass - Mapped with ME_RNC_UePost_PositioningServiceClass.nedn_SubNetwork & "/" & moid_UePositioning & "/" & moid_PositioningServiceClass</p>	
ME_RNC_UePost_PositioningServiceClass	PositioningServiceClass.Ericsson.UMTS.Positioning_Statistics
<p>PVC - Mapped with ME_RncFunction_RncModule_PacketDataRouter.nedn_SubNetwork & "/" & moid_RncModule & "/" & moid_PacketDataRouter or ManagedElement_RncFunction_PdrDevice.nedn_SubNetwork & "/" & moid_Equipment & "/" & moid_Subrack & "/" & moid_Slot & "/" & moid_PlugInUnit & "/" & moid_SpbDeviceGroup & "/" & moid_SpbDeviceSet & "/" & moid_PdrDevice</p>	
ManagedElement_RncFunction_PdrDevice	PVC.Ericsson.UMTS.SP_Processor_Load

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ME_RncFunction_RncModule_PacketDataRouter	PVC.Ericsson.UMTS.packet_data_router
Radio_Link - Mapped with ME_NodeBFunction_Carrier_RadioLinks.nedn_SubNetwork & "/" & nedn_MeContext & "/" & moid_Sector & "/" & moid_Carrier & "/" & moid_RadioLinks	
ME_NodeBFunction_Carrier_RadioLinks	Radio_Link.Ericsson.UMTS.PDF_pmAverageSirError
ME_NodeBFunction_Carrier_RadioLinks	Radio_Link.Ericsson.UMTS.PDF_pmAverageSir
ME_NodeBFunction_Carrier_RadioLinks	Radio_Link.Ericsson.UMTS.PDF_pmBranchDeltaSir
ME_NodeBFunction_Carrier_RadioLinks	Radio_Link.Ericsson.UMTS.PDF_pmDpchBer
ME_NodeBFunction_Carrier_RadioLinks	Radio_Link.Ericsson.UMTS.PDF_pmDpchCodePowerSf128
ME_NodeBFunction_Carrier_RadioLinks	Radio_Link.Ericsson.UMTS.PDF_pmDpchCodePowerSf16
ME_NodeBFunction_Carrier_RadioLinks	Radio_Link.Ericsson.UMTS.PDF_pmDpchCodePowerSf256
ME_NodeBFunction_Carrier_RadioLinks	Radio_Link.Ericsson.UMTS.PDF_pmDpchCodePowerSf32
ME_NodeBFunction_Carrier_RadioLinks	Radio_Link.Ericsson.UMTS.PDF_pmDpchCodePowerSf4
ME_NodeBFunction_Carrier_RadioLinks	Radio_Link.Ericsson.UMTS.PDF_pmDpchCodePowerSf64
ME_NodeBFunction_Carrier_RadioLinks	Radio_Link.Ericsson.UMTS.PDF_pmDpchCodePowerSf8
ME_NodeBFunction_Carrier_RadioLinks	Radio_Link.Ericsson.UMTS.PDF_pmDpdchBer
ME_NodeBFunction_Carrier_RadioLinks	Radio_Link.Ericsson.UMTS.PDF_pmOutOfSynch
ME_NodeBFunction_Carrier_RadioLinks	Radio_Link.Ericsson.UMTS.PDF_pmUISynchTime
ME_NodeBFunction_Carrier_RadioLinks	Radio_Link.Ericsson.UMTS.PDF_pmUISynchTimeSHO
ME_NodeBFunction_Carrier	Radio_Link.Ericsson.UMTS.Power

r_RadioLinks	
ME_NodeBFunction_Carrier_RadioLinks	Radio_Link.Ericsson.UMTS.State_Transitions
ME_NodeBFunction_Carrier_RadioLinks	Radio_Link.Ericsson.UMTS.Synchronisation
RANAP - Mapped with ManagedElement_RncFunction_CnOperator_IuLink_Ranap.nedn_SubNetwork & "/" & moid_CnOperator & "/" & moid_IuLink & "/" & moid_Ranap	
ManagedElement_RncFunction_CnOperator_IuLink_Ranap	RANAP.Ericsson.UMTS.RANAP
RNC - Mapped with ManagedElement_RncFunction.nedn_SubNetwork	
ManagedElement_RncFunction	RNC.Ericsson.UMTS.CN_Service
ManagedElement_RncFunction	RNC.Ericsson.UMTS.establishments_and_release
ManagedElement_RncFunction	RNC.Ericsson.UMTS.HSDPA_Packet_Data
ManagedElement_RncFunction	RNC.Ericsson.UMTS.Iu_RANAP_handling
ManagedElement_RncFunction	RNC.Ericsson.UMTS.Iu_Sccp_connection
ManagedElement_RncFunction	RNC.Ericsson.UMTS.Packet_Data
ManagedElement_RncFunction	RNC.Ericsson.UMTS.PDF_pmIuSccpConRate
ManagedElement_RncFunction	RNC.Ericsson.UMTS.PDF_pmSamplesHsDIDelayPsCnvUnk
ManagedElement_RncFunction	RNC.Ericsson.UMTS.PDF_pmSamplesHsDIDelayPsSpeech
ManagedElement_RncFunction	RNC.Ericsson.UMTS.PDF_pmSumHsDIDelayPsCnvUnk

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ion	
ManagedElement_RncFunction	RNC.Ericsson.UMTS.PDF_pmSumHsDIDelayPsSpeech
ManagedElement_RncFunction	RNC.Ericsson.UMTS.Positioning
ManagedElement_RncFunction	RNC.Ericsson.UMTS.rlc_statistics
ManagedElement_RncFunction	RNC.Ericsson.UMTS.rrc_connection_setup_and_release
ManagedElement_RncFunction	RNC.Ericsson.UMTS.SDU_Timing
ManagedElement_RncFunction	RNC.Ericsson.UMTS.traffic_volume
ManagedElement_RncFunction_CchFrameSynch	RNC.Ericsson.UMTS.frame_synchronization
ManagedElement_RncFunction_DchFrameSynch	RNC.Ericsson.UMTS.frame_synchronization
ManagedElement_RncFunction_Handover	RNC.Ericsson.UMTS.Inter_Radio_Access_Technology_Handover
ManagedElement_RncFunction_Paging	RNC.Ericsson.UMTS.paging_counters
ManagedElement_RncFunction_Rcs	RNC.Ericsson.UMTS.radio_connection_supervision
ManagedElement_RncFunction_SecurityHandling	RNC.Ericsson.UMTS.Security_Handling
ManagedElement_RncFunction_UeRc_10	RNC.Ericsson.UMTS.channel_quality
ManagedElement_RncFunction_UeRc_13	RNC.Ericsson.UMTS.channel_quality
ManagedElement_RncFunction_UeRc_2	RNC.Ericsson.UMTS.channel_quality
ManagedElement_RncFunction_UeRc_3	RNC.Ericsson.UMTS.channel_quality
ManagedElement_RncFunction_UeRc_4	RNC.Ericsson.UMTS.traffic_volume

ManagedElement_RncFunction_UeRc_8	RNC.Ericsson.UMTS.channel_quality
ManagedElement_RncFunction_UeRc_ACCUM	RNC.Ericsson.UMTS.channel_quality
ManagedElement_RncFunction_UeRc_ACCUM	RNC.Ericsson.UMTS.establishments_and_release
ManagedElement_RncFunction_UeRc_ACCUM	RNC.Ericsson.UMTS.traffic_volume
ManagedElement_RncFunction_UeRc_CQ	RNC.Ericsson.UMTS.channel_quality
ManagedElement_RncFunction_UeRc_TV	RNC.Ericsson.UMTS.traffic_volume
RXI_Plug_In_Unit_GeneralProcessorUnit	RNC.Ericsson.UMTS.RNC_Processor_Load
RNC_RAB - Mapped with ManagedElement_RncFunction_UeRc.nedn_SubNetwork & "/" & moid_UeRc	
ManagedElement_RncFunction_UeRc	RNC_RAB.Ericsson.UMTS.channel_quality
ManagedElement_RncFunction_UeRc	RNC_RAB.Ericsson.UMTS.establishments_and_release
ManagedElement_RncFunction_UeRc	RNC_RAB.Ericsson.UMTS.frame_synchronization
ManagedElement_RncFunction_UeRc	RNC_RAB.Ericsson.UMTS.traffic_volume
RncCapacity - Mapped with ManagedElement_RncCapacity.nedn_SubNetwork&"/"& moid_SystemFunctions &"/" & moid_Licensing &"/"&moid_RncCapacity	
ManagedElement_RncCapacity	RncCapacity.Ericsson.UMTS.PDF_pmCapacityUtilization
ManagedElement_RncCapacity	RncCapacity.Ericsson.UMTS.RncCapacity_statistics
Routing_Area - Mapped with ME_RncFunction_LocationArea_RoutingArea.nedn_SubNetwork & "/"	

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& moid_RncFunction & "/" & moid_LocationArea & "/" & moid_RoutingArea	
ME_RncFunction_Location Area_RoutingArea	Routing_Area.Ericsson.UMTS.paging_counters
SasPositioning - Mapped with ME_RncFunction_SasPositioning.nedn_SubNetwork&"/"&moid_saspositioning	
ME_RncFunction_SasPositi oning	SasPositioning.Ericsson.UMTS.Sas_centric_positioning
SCCP_Acct_Criteria - Mapped with RNC_Signaling_Connection_Ctrl_Acc_Criteria.nedn_SubNetwork & "/" & moid_SccpSp & "/" & moid_SccpSrc & "/" & moid_SccpAccountingCriteria	
RNC_Signaling_Connection _Ctrl_Acc_Criteria	SCCP_Acct_Criteria.Ericsson.UMTS.SCCP
SCCP_Policing - Mapped with RNC_Signaling_Connection_Control_Policing.nedn_SubNetwork & "/" & moid_SccpSp & "/" & moid_SccpSrc & "/" & moid_SccpPolicing	
NODEB_Signaling_Connec tion_Control_Policing	SCCP_Policing.Ericsson.UMTS.SCCP
SCCP_SCRC - Mapped with RNC_Signaling_Connection_Control.nedn_SubNetwork & "/" & moid_SccpSp & "/" & moid_SccpSrc	
RNC_Signaling_Connection _Control	SCCP_SCRC.Ericsson.UMTS.SCCP
SCCP_SP - Mapped with RNC_Signaling_Connection_Control_SccpSp.nedn_SubNetwork & "/" & moid_SccpSp	
RNC_Signaling_Connection _Control_SccpSp	SCCP_SP.Ericsson.UMTS.SCCP
SCTP - Mapped with RNC_SCTP.nedn_SubNetwork & "/" & moid_Sctp or NODEB_SCTP.nedn_SubNetwork & "/" & nedn_MeContext & "/" & moid_Sctp	
NODEB_SCTP	SCTP.Ericsson.UMTS.SCTP
RNC_SCTP	SCTP.Ericsson.UMTS.SCTP
SONET_STS1 - Mapped with RNC_STS1_TP.nedn_SubNetwork & "/" & moid_Equipment & "/" & moid_Subrack & "/" & moid_Slot & "/" & moid_PlugInUnit & "/" & moid_ExchangeTerminal & "/" & & moid_Os155PhysPathTerm & "/" & moid_Sts1SpeTtp Or NODEB_STS1_TP.nedn_SubNetwork & "/" & nedn_MeContext & "/" & moid_Equipment & "/" & moid_Subrack & "/" & moid_Slot & "/" & moid_PlugInUnit & "/" & moid_ExchangeTerminal & "/" & moid_Os155PhysPathTerm & "/" & moid_Sts1SpeTtp or RXI_STS1_TP.nedn_SubNetwork & "/" & nedn_MeContext & "/" & moid_Equipment & "/" & moid_Subrack & "/" & moid_Slot & "/" & moid_PlugInUnit & "/" & moid_ExchangeTerminal & "/" & moid_Os155PhysPathTerm & "/" & moid_Sts1SpeTtp	

RNC_STS1_TP	SONET_STS1.Ericsson.UMTS.Physical_Link
<p>SONET_STS3 - Mapped with RNC_STS3_TP.nedn_SubNetwork & "/" & moid_Equipment & "/" & moid_Subrack & "/" & moid_Slot & "/" & moid_PluginUnit & "/" & moid_ExchangeTerminal & "/" & moid_Os155SpiTtp & "/" & moid_Sts3CspeTtp Or NODEB_STS3_TP.nedn_SubNetwork & "/" & nedn_MeContext & "/" & moid_Equipment & "/" & moid_Subrack & "/" & moid_Slot & "/" & moid_PluginUnit & "/" & moid_ExchangeTerminal & "/" & moid_Os155PhysPathTerm & "/" & moid_Sts3CspeTtp or RXI_STS3_TP.nedn_SubNetwork & "/" & nedn_MeContext & "/" & moid_Equipment & "/" & moid_Subrack & "/" & moid_Slot & "/" & moid_PluginUnit & "/" & moid_ExchangeTerminal & "/" & moid_Os155PhysPathTerm & "/" & moid_Sts3CspeTtp</p>	
RNC_STS3_TP	SONET_STS3.Ericsson.UMTS.Physical_Link
<p>SwitchPortStp - Mapped with RNC_SwitchPortStp.nedn_SubNetwork & "/" & moid_Equipment & "/" & moid_Subrack & "/" & moid_PluginUnit & "/" & moid_ExchangeTerminalIp & "/" & moid_EthernetSwitch & "/" & moid_EthernetSwitchPort & "/" & moid_SwitchPortStp or NODEB_SwitchPortStp.nedn_SubNetwork & "/" & nedn_MeContext & "/" & moid_Equipment & "/" & moid_Subrack & "/" & PluginUnit & "/" & ExchangeTerminalIp & "/" & moid_EthernetSwitch & "/" & moid_EthernetSwitchPort & "/" & moid_SwitchPortStp or RXI_SwitchPortStp.nedn_SubNetwork & "/" & nedn_MeContext & "/" & moid_Equipment & "/" & moid_Subrack & "/" & PluginUnit & "/" & ExchangeTerminalIp & "/" & moid_EthernetSwitch & "/" & moid_EthernetSwitchPort & "/" & moid_SwitchPortStp</p>	
RNC_SwitchPortStp	SwitchPortStp.Ericsson.UMTS.Port_Statistics
<p>SwitchStp - Mapped with RNC_SwitchStp.nedn_SubNetwork & "/" & moid_Equipment & "/" & moid_Subrack & "/" & PluginUnit & "/" & ExchangeTerminalIp & "/" & moid_EthernetSwitch & "/" & moid_EthernetSwitchPort & "/" & moid_SwitchPortStp or NODEB_SwitchStp.nedn_SubNetwork & "/" & nedn_MeContext & "/" & moid_Equipment & "/" & moid_Subrack & "/" & PluginUnit & "/" & ExchangeTerminalIp & "/" & moid_EthernetSwitch & "/" & moid_EthernetSwitchPort & "/" & moid_SwitchPortStp or RXI_SwitchStp.nedn_SubNetwork & "/" & nedn_MeContext & "/" & moid_Equipment & "/" & moid_Subrack & "/" & PluginUnit & "/" & ExchangeTerminalIp & "/" & moid_EthernetSwitch & "/" & moid_EthernetSwitchPort & "/" & moid_SwitchPortStp</p>	
RNC_SwitchStp	SwitchStp.Ericsson.UMTS.Switch_Stp_Statistics
<p>Synchronization - Mapped with RNC_Synchronization.nedn_SubNetwork & "/" & moid_Synchronization or NODEB_Synchronization.nedn_SubNetwork & "/" & nedn_MeContext & "/" & moid_Synchronization or RXI_Synchronization.nedn_SubNetwork & "/" & nedn_MeContext & "/" & moid_Synchronization</p>	
RNC_Synchronization	Synchronization.Ericsson.UMTS.Synchronisation_Statistics
<p>T1Ttp - Mapped with RNC_T1Ttp.nedn_SubNetwork & "/" & moid_Equipment & "/" &</p>	

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<p>moid_Subrack & "/" & moid_Slot & "/" & moid_PluginUnit & "/" & moid_ExchangeTerminal & "/" & moid_Os155PhysPathTerm & "/" & moid_Sts1SpeTtp & "/" & moid_Vt15Ttp & "/" & moid_T1Ttp or NODEB_T1Ttp.nedn_SubNetwork & "/" & nedn_MeContext & "/" & moid_Equipment & "/" & moid_Subrack & "/" & moid_Slot & "/" & moid_PluginUnit & "/" & moid_ExchangeTerminal & "/" & moid_Os155PhysPathTerm & "/" & moid_Sts1SpeTtp & "/" & moid_Vt15Ttp & "/" & moid_T1Ttp or RXI_T1Ttp.nedn_SubNetwork & "/" & nedn_MeContext & "/" & moid_Equipment & "/" & moid_Subrack & "/" & moid_Slot & "/" & moid_PluginUnit & "/" & moid_ExchangeTerminal & "/" & moid_Os155PhysPathTerm & "/" & moid_Sts1SpeTtp & "/" & moid_Vt15Ttp & "/" & moid_T1Ttp</p>	
RNC_T1Ttp	T1Ttp.Ericsson.UMTS.Physical_Link
<p>Uni_SAAL_Tp - Mapped with RNC_UniSAalTp_Signaling.nedn_SubNetwork & "/" & moid_UniSaalTp or NODEB_UniSAalTp_Signaling.nedn_SubNetwork & "/" & nedn_MeContext & "/" & moid_UniSaalTp or RXI_UniSAalTp_Signaling.nedn_SubNetwork & "/" & nedn_MeContext & "/" & moid_UniSaalTp</p>	
RNC_UniSAalTp_Signaling	Uni_SAAL_Tp.Ericsson.UMTS.UNI_SAAL
<p>UpLink_Baseband_Pool - Mapped with NodeB_ULBasebandPool.nedn_SubNetwork & "/" & nedn_MeContext & "/" & moid_Equipment & "/" & moid_Subrack & "/" & moid_UplinkBaseBandPool</p>	
NodeB_ULBasebandPool	UpLink_Baseband_Pool.Ericsson.UMTS.hardware_usage_statistics
NodeB_ULBasebandPool	UpLink_Baseband_Pool.Ericsson.UMTS.PDF_pmCapacityUICe
NodeB_ULBasebandPool	UpLink_Baseband_Pool.Ericsson.UMTS.PDF_pmHwCePoolEul
<p>URA - Mapped with ME_RNC_URA.nedn_SubNetwork & "/" & moid_URA</p>	
ME_RNC_URA	URA.Ericsson.UMTS.Paging_Counters
<p>VC12_TP - Mapped with RNC_VC12.nedn_SubNetwork & "/" & moid_Equipment & "/" & moid_Subrack & "/" & moid_Slot & "/" & moid_PluginUnit & "/" & moid_ExchangeTerminal & "/" & moid_Os155PhysPathTerm & "/" & moid_Vc4Ttp & "/" & moid_Vc12Ttp or NODEB_VC12.nedn_SubNetwork & "/" & nedn_MeContext & "/" & moid_Equipment & "/" & moid_Subrack & "/" & moid_Slot & "/" & moid_PluginUnit & "/" & moid_ExchangeTerminal & "/" & moid_Os155PhysPathTerm & "/" & moid_Vc4Ttp & "/" & moid_Vc12Ttp or RXI_VC12.nedn_SubNetwork & "/" & nedn_MeContext & "/" & moid_Equipment & "/" & moid_Subrack & "/" & moid_Slot & "/" & moid_PluginUnit & "/" & moid_ExchangeTerminal & "/" & moid_Os155PhysPathTerm & "/" & moid_Vc4Ttp & "/" & moid_Vc12Ttp</p>	
RNC_VC12	VC12_TP.Ericsson.UMTS.Physical_Link
<p>VC4_TP - Mapped with RNC_VC4.nedn_SubNetwork & "/" & moid_Equipment & "/" & moid_Subrack & "/" & moid_Slot & "/" & moid_PluginUnit & "/" & moid_ExchangeTerminal & "/" & moid_Os155SpiTtp & "/" & moid_Vc4Ttp or NODEB_VC4.nedn_SubNetwork & "/" & nedn_MeContext & "/" & moid_Equipment & "/" & moid_Subrack & "/" & moid_Slot & "/" & moid_PluginUnit & "/" & moid_ExchangeTerminal & "/" & moid_Os155SpiTtp & "/" & moid_Vc4Ttp or RXI_VC4.nedn_SubNetwork & "/" & nedn_MeContext & "/" & moid_Equipment &</p>	

"/" & moid_Subrack & "/" & moid_Slot & "/" & moid_PlugInUnit & "/" & moid_ExchangeTerminal & "/" & moid_Os155SpiTtp & "/" & moid_Vc4Ttp	
RNC_VC4	VC4_TP.Ericsson.UMTS.Physical_Link
VCL_TP - Mapped with RNC_Virtual_Channel_Link.nedn_SubNetwork & "/" & moid_AtmPort & "/" & moid_VplTp & "/" & moid_VpcTp & "/" & moid_VclTp or NODEB_Virtual_Channel_Link.nedn_SubNetwork & "/" & nedn_MeContext & "/" & moid_AtmPort & "/" & moid_VplTp & "/" & moid_VpcTp & "/" & moid_VclTp or RXI_Virtual_Channel_Link.nedn_SubNetwork & "/" & nedn_MeContext & "/" & moid_AtmPort & "/" & moid_VplTp & "/" & moid_VpcTp & "/" & moid_VclTp	
RNC_Virtual_Channel_Link	VCL_TP.Ericsson.UMTS.ATM
RNC_Virtual_Channel_Link	VCL_TP.Ericsson.UMTS.PDF_pmBwUtilizationRx
RNC_Virtual_Channel_Link	VCL_TP.Ericsson.UMTS.PDF_pmBwUtilizationTx
VPC_TP - Mapped with RNC_Virtual_Path_Connection.nedn_SubNetwork & "/" & moid_AtmPort & "/" & moid_VplTp & "/" & moid_VpcTp or NODEB_Virtual_Path_Connection.nedn_SubNetwork & "/" & nedn_MeContext & "/" & moid_AtmPort & "/" & moid_VplTp & "/" & moid_VpcTp or RXI_Virtual_Path_Connection.nedn_SubNetwork & "/" & nedn_MeContext & "/" & moid_AtmPort & "/" & moid_VplTp & "/" & moid_VpcTp	
RNC_Virtual_Path_Connection	VPC_TP.Ericsson.UMTS.ATM
VPL_TP - Mapped with RNC_Virtual_Path_Link.nedn_SubNetwork & "/" & moid_AtmPort & "/" & moid_VplTp or NODEB_Virtual_Path_Link.nedn_SubNetwork & "/" & nedn_MeContext & "/" & moid_AtmPort & "/" & moid_VplTp or RXI_Virtual_Path_Link.nedn_SubNetwork & "/" & nedn_MeContext & "/" & moid_AtmPort & "/" & moid_VplTp	
RNC_Virtual_Path_Link	VPL_TP.Ericsson.UMTS.ATM
VT1_5_TP - Mapped with RNC_VT15.nedn_SubNetwork & "/" & moid_Equipment & "/" & moid_Subrack & "/" & moid_Slot & "/" & moid_PlugInUnit & "/" & moid_ExchangeTerminal & "/" & moid_Os155PhysPathTerm & "/" & moid_Sts1SpeTtp & "/" & moid_Vt15Ttp Or NODEB_VT15.nedn_SubNetwork & "/" & nedn_MeContext & "/" & moid_Equipment & "/" & moid_Subrack & "/" & moid_Slot & "/" & moid_PlugInUnit & "/" & moid_ExchangeTerminal & "/" & moid_Os155PhysPathTerm & "/" & moid_Sts1SpeTtp & "/" & moid_Vt15Ttp or RXI_VT15.nedn_SubNetwork & "/" & moid_Equipment & "/" & moid_Subrack & "/" & moid_Slot & "/" & moid_PlugInUnit & "/" & moid_ExchangeTerminal & "/" & moid_Os155PhysPathTerm & "/" &	

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moid_Sts1SpeTtp & "/" & moid_Vt15Ttp

RNC_VT15

[VT1_5_TP.Ericsson.UMTS.Physical_Link](#)

4 Tech Pack Prerequisites

This section lists the Tech Pack modules that the current Tech Pack is dependent on, in alphabetical order.

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

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5 Network Model

This section describes any network objects that are defined in this technology pack module, in terms of their configuration attributes.

5.1 AAL0_Tp_Vcc_Tp details

In the network hierarchy, the immediate parents of the AAL0_Tp_Vcc_Tp object are: RNC and NodeB.

Attribute Name	Description	Read - Only ?	Time-Track ed?	Mapping	Aggrega tor
Primary Identifier					
AAL0_Tp_Vcc_Tp_Id	A unique identifier for the AAL0 interworking function in a circuit emulation in a UTRAN network.	Y		RNC_AAL0_Link.nedn_SubNetwork & "/" & moid_Aal0TpVccTp or NODEB_AAL0_Link.nedn_SubNetwork & "/" & nedn_MeContext & "/" & moid_Aal0TpVccTp or RXI_AAL0_Link.nedn_SubNetwork & "/" & nedn_MeContext & "/" & moid_Aal0TpVccTp; RNC_AAL0_Link.nedn_SubNetwork & "/" & moid_Aal0TpVccTp or NODEB_AAL0_Link.nedn_SubNetwork & "/" & nedn_MeContext & "/" & moid_Aal0TpVccTp or RXI_AAL0_Link.nedn_SubNetwork & "/" & nedn_MeContext & "/" & moid_Aal0TpVccTp	
Relationship Attributes					

Network_Id	Network associated with the AAL0 TP VCC TP.	Y	Y	lookup("nc_bsc","network_id", utime(StartDate & StartTime,"%d %b %Y %R"), RNC_AAL0_Link.nedn_SubNetwork) or lookup("nc_bsc","network_id", utime(StartDate & StartTime,"%d %b %Y %R"), NODEB_AAL0_Link.nedn_SubNetwork) or lookup("nc_bsc","network_id", utime(StartDate & StartTime,"%d %b %Y %R"), RXI_AAL0_Link.nedn_SubNetwork); lookup("nc_bsc","network_id", utime(StartDate & StartTime,"%d %b %Y %R"), RNC_AAL0_Link.nedn_SubNetwork) or lookup("nc_bsc","network_id", utime(StartDate & StartTime,"%d %b %Y %R"), NODEB_AAL0_Link.nedn_SubNetwork) or lookup("nc_bsc","network_id", utime(StartDate & StartTime,"%d %b %Y %R"), RXI_AAL0_Link.nedn_SubNetwork)
RNC_Id	The RNC associated with AAL0.	Y	Y	RNC_AAL0_Link.nedn_SubNetwork or NODEB_AAL0_Link.nedn_SubNetwork or RXI_AAL0_Link.nedn_SubNetwork; RNC_AAL0_Link.nedn_SubNetwork or NODEB_AAL0_Link.nedn_SubNetwork or

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				RXI_AAL0_Link.nedn_SubNetwork	
NodeB_Id	NodeB in a UTRAN network.	Y	Y	NODEB_AAL0_Link.nedn_SubNetwork & "/" & nedn_MeContext; NODEB_AAL0_Link.nedn_SubNetwork & "/" & nedn_MeContext	
Region_Id	Region associated with the AAL0 Tp Vcc Tp.	Y	Y	lookup("nc_bsc","region_id",utime(StartDate & StartTime,"%d %b %Y %R"), RNC_AAL0_Link.nedn_SubNetwork) or lookup("nc_bsc","region_id",utime(StartDate & StartTime,"%d %b %Y %R"), NODEB_AAL0_Link.nedn_SubNetwork) or lookup("nc_bsc","region_id",utime(StartDate & StartTime,"%d %b %Y %R"), RXI_AAL0_Link.nedn_SubNetwork); lookup("nc_bsc","region_id",utime(StartDate & StartTime,"%d %b %Y %R"), RNC_AAL0_Link.nedn_SubNetwork) or lookup("nc_bsc","region_id",utime(StartDate & StartTime,"%d %b %Y %R"), NODEB_AAL0_Link.nedn_SubNetwork) or lookup("nc_bsc","region_id",utime(StartDate & StartTime,"%d %b %Y %R"), RXI_AAL0_Link.nedn_SubNetwork)	
Configuration Attributes					
AAL0_Tp_Vcc_Tp_Name	A user friendly name preferably unique for the AAL0 TP VCC TP.			RNC_AAL0_Link.nedn_SubNetwork & "/" & moid_Aal0TpVccTp or NODEB_AAL0_Link.nedn_Su	

				bNetwork & "/" & nedn_MeContext & "/" & moid_Aal0TpVccTp or RXI_AAL0_Link.nedn_SubNet work & "/" & nedn_MeContext & "/" & moid_Aal0TpVccTp; RNC_AAL0_Link.nedn_SubNe twork & "/" & moid_Aal0TpVccTp or NODEB_AAL0_Link.nedn_Su bNetwork & "/" & nedn_MeContext & "/" & moid_Aal0TpVccTp or RXI_AAL0_Link.nedn_SubNet work & "/" & nedn_MeContext & "/" & moid_Aal0TpVccTp
Node_Type	Type of Node.			RNC_AAL0_Link."RNC" or NODEB_AAL0_Link."NodeB" or RXI_AAL0_Link."RXI"; RNC_AAL0_Link."RNC" or NODEB_AAL0_Link."NodeB" or RXI_AAL0_Link."RXI"
Version	Hardware/Software version of the AAL0 TP VCC TP.			RNC_AAL0_Link."P7.1" or NODEB_AAL0_Link."P7.1" or RXI_AAL0_Link."P7.1"; RNC_AAL0_Link."P7.1" or NODEB_AAL0_Link."P7.1" or RXI_AAL0_Link."P7.1"
Technology	Technology of the network/element (e.g. GSM, GPRS, UMTS).			RNC_AAL0_Link."UMTS" or NODEB_AAL0_Link."UMTS" or RXI_AAL0_Link."UMTS"; RNC_AAL0_Link."UMTS" or NODEB_AAL0_Link."UMTS" or RXI_AAL0_Link."UMTS"

5.2 AAL1_Tp_Vcc_Tp details

In the network hierarchy, the immediate parents of the AAL1_Tp_Vcc_Tp object are: NodeB and RNC.

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Attribute Name	Description	Read - Only ?	Time-Track ed?	Mapping	Aggrega tor
Primary Identifier					
AAL1_Tp_Vc c_Tp_Id	A unique identifier for the AAL1 interworking function in a circuit emulation in a UTRAN network.	Y		RNC_AAL1_Link.nedn_SubNe twork & "/" & moid_Aal1TpVccTp or NODEB_AAL1_Link.nedn_Su bNetwork & "/" & nedn_MeContext & "/" & moid_Aal1TpVccTp or RXI_AAL1_Link.nedn_SubNet work & "/" & nedn_MeContext & "/" & moid_Aal1TpVccTp; RNC_AAL1_Link.nedn_SubNe twork & "/" & moid_Aal1TpVccTp or NODEB_AAL1_Link.nedn_Su bNetwork & "/" & nedn_MeContext & "/" & moid_Aal1TpVccTp or RXI_AAL1_Link.nedn_SubNet work & "/" & nedn_MeContext & "/" & moid_Aal1TpVccTp	
Relationship Attributes					
NodeB_Id	NodeB in a UTRAN network.	Y	Y	NODEB_AAL1_Link.nedn_Su bNetwork & "/" & nedn_MeContext; NODEB_AAL1_Link.nedn_Su bNetwork & "/" & nedn_MeContext	
RNC_Id	RNC in a UTRAN network.	Y	Y	RNC_AAL1_Link.nedn_SubNe twork or NODEB_AAL1_Link.nedn_Su bNetwork or RXI_AAL1_Link.nedn_SubNet work; RNC_AAL1_Link.nedn_SubNe twork or NODEB_AAL1_Link.nedn_Su bNetwork or	

				RXI_AAL1_Link.nedn_SubNetwork
Network_Id	Network associated with the AAL1 TP VCC TP.	Y	Y	lookup("nc_bsc","network_id", utime(StartDate & StartTime,"%d %b %Y %R"), RNC_AAL1_Link.nedn_SubNetwork) or lookup("nc_bsc","network_id", utime(StartDate & StartTime,"%d %b %Y %R"), NODEB_AAL1_Link.nedn_SubNetwork) or lookup("nc_bsc","network_id", utime(StartDate & StartTime,"%d %b %Y %R"), RXI_AAL1_Link.nedn_SubNetwork); lookup("nc_bsc","network_id", utime(StartDate & StartTime,"%d %b %Y %R"), RNC_AAL1_Link.nedn_SubNetwork) or lookup("nc_bsc","network_id", utime(StartDate & StartTime,"%d %b %Y %R"), NODEB_AAL1_Link.nedn_SubNetwork) or lookup("nc_bsc","network_id", utime(StartDate & StartTime,"%d %b %Y %R"), RXI_AAL1_Link.nedn_SubNetwork)
Region_Id	Region associated with the AAL1 Tp Vcc Tp.	Y	Y	lookup("nc_bsc","region_id", utime(StartDate & StartTime,"%d %b %Y %R"), RNC_AAL1_Link.nedn_SubNetwork) or lookup("nc_bsc","region_id", utime(StartDate & StartTime,"%d %b %Y %R"),

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				NODEB_AAL1_Link.nedn_SubNetwork) or lookup("nc_bsc","region_id",time(StartDate & StartTime,"%d %b %Y %R"), RXI_AAL1_Link.nedn_SubNetwork); lookup("nc_bsc","region_id",time(StartDate & StartTime,"%d %b %Y %R"), RNC_AAL1_Link.nedn_SubNetwork) or lookup("nc_bsc","region_id",time(StartDate & StartTime,"%d %b %Y %R"), NODEB_AAL1_Link.nedn_SubNetwork) or lookup("nc_bsc","region_id",time(StartDate & StartTime,"%d %b %Y %R"), RXI_AAL1_Link.nedn_SubNetwork)
--	--	--	--	--

Configuration Attributes

AAL1_Tp_Vcc_Tp_Name	A user friendly name preferably unique for the AAL1 TP VCC TP.			RNC_AAL1_Link.nedn_SubNetwork & "/" & moid_Aal1TpVccTp or NODEB_AAL1_Link.nedn_SubNetwork & "/" & nedn_MeContext & "/" & moid_Aal1TpVccTp or RXI_AAL1_Link.nedn_SubNetwork & "/" & nedn_MeContext & "/" & moid_Aal1TpVccTp; RNC_AAL1_Link.nedn_SubNetwork & "/" & moid_Aal1TpVccTp or NODEB_AAL1_Link.nedn_SubNetwork & "/" & nedn_MeContext & "/" & moid_Aal1TpVccTp or RXI_AAL1_Link.nedn_SubNetwork & "/" & nedn_MeContext & "/" & moid_Aal1TpVccTp
---------------------	--	--	--	---

Technology	Technology of the			RNC_AAL1_Link."UMTS" or
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	network/element (e.g. GSM, GPRS, UMTS).			NODEB_AAL1_Link."UMTS" or RXI_AAL1_Link."UMTS"; RNC_AAL1_Link."UMTS" or NODEB_AAL1_Link."UMTS" or RXI_AAL1_Link."UMTS"	
Version	Hardware/Software version of the AAL1 TP VCC TP.			RNC_AAL1_Link."P7.1" or NODEB_AAL1_Link."P7.1" or RXI_AAL1_Link."P7.1"; RNC_AAL1_Link."P7.1" or NODEB_AAL1_Link."P7.1" or RXI_AAL1_Link."P7.1"	
Node_Type	Type of Node.			RNC_AAL1_Link."RNC" or NODEB_AAL1_Link."NodeB" or RXI_AAL1_Link."RXI"; RNC_AAL1_Link."RNC" or NODEB_AAL1_Link."NodeB" or RXI_AAL1_Link."RXI"	
Node_Id	The unique identifier for the node this object is connected to.			No mapping; No mapping	
Node_Name	A user friendly name for this node the object is connected to.			No mapping; No mapping	

5.3 AAL2_Access_Point details

In the network hierarchy, the immediate parent of the AAL2_Access_Point object is AAL2_Signalling_Point.

Attribute Name	Description	Read - Only ?	Time-Track ed?	Mapping	Aggrega tor
Primary Identifier					
AAL2_AP_Id	A unique identifier for the AAL2 Access Point.	Y		RNC_AAL2_AP.nedn_SubNet work & "/" & moid_Aal2Sp & "/" & moid_Aal2Ap or	

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				NODEB_AAL2_AP.nedn_Sub Network & "/" & nedn_MeContext & "/" & moid_Aal2Sp & "/" & moid_Aal2Ap or RXI_AAL2_AP.nedn_SubNet work & "/" & nedn_MeContext & "/" & moid_Aal2Sp & "/" & moid_Aal2Ap; RNC_AAL2_AP.nedn_SubNet work & "/" & moid_Aal2Sp & "/" & moid_Aal2Ap or NODEB_AAL2_AP.nedn_Sub Network & "/" & nedn_MeContext & "/" & moid_Aal2Sp & "/" & moid_Aal2Ap or RXI_AAL2_AP.nedn_SubNet work & "/" & nedn_MeContext & "/" & moid_Aal2Sp & "/" & moid_Aal2Ap
--	--	--	--	--

Relationship Attributes				
AAL2_SP_Id	AAL2_SP in a UTRAN network.	Y	Y	RNC_AAL2_AP.nedn_SubNet work & "/" & moid_Aal2Sp or NODEB_AAL2_AP.nedn_Sub Network & "/" & nedn_MeContext & "/" & moid_Aal2Sp or RXI_AAL2_AP.nedn_SubNet work & "/" & nedn_MeContext & "/" & moid_Aal2Sp; RNC_AAL2_AP.nedn_SubNet work & "/" & moid_Aal2Sp or NODEB_AAL2_AP.nedn_Sub Network & "/" & nedn_MeContext & "/" & moid_Aal2Sp or RXI_AAL2_AP.nedn_SubNet work & "/" & nedn_MeContext & "/" & moid_Aal2Sp
Network_Id	Network associated with the AAL2 Access Point.	Y	Y	lookup("nc_bsc","network_id", utime(StartDate & StartTime,"%d %b %Y %R"), RNC_AAL2_AP.nedn_SubNet

				work) or lookup("nc_bsc","network_id", utime(StartDate & StartTime,"%d %b %Y %R"), NODEB_AAL2_AP.nedn_Sub Network) or lookup("nc_bsc","network_id", utime(StartDate & StartTime,"%d %b %Y %R"), RXI_AAL2_AP.nedn_SubNet work); lookup("nc_bsc","network_id", utime(StartDate & StartTime,"%d %b %Y %R"), RNC_AAL2_AP.nedn_SubNet work) or lookup("nc_bsc","network_id", utime(StartDate & StartTime,"%d %b %Y %R"), NODEB_AAL2_AP.nedn_Sub Network) or lookup("nc_bsc","network_id", utime(StartDate & StartTime,"%d %b %Y %R"), RXI_AAL2_AP.nedn_SubNet work)	
NodeB_Id	NodeB in a UTRAN network.	Y	Y	NODEB_AAL2_AP.nedn_Sub Network & "/" & nedn_MeContext; NODEB_AAL2_AP.nedn_Sub Network & "/" & nedn_MeContext	
RNC_Id	RNC Id in a UTRAN network.	Y	Y	RNC_AAL2_AP.nedn_SubNet work or NODEB_AAL2_AP.nedn_Sub Network or RXI_AAL2_AP.nedn_SubNet work; RNC_AAL2_AP.nedn_SubNet work or	

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				NODEB_AAL2_AP.nedn_Sub Network or RXI_AAL2_AP.nedn_SubNet work	
Region_Id	The region associated with the AAL2 Access Point.	Y	Y	lookup("nc_bsc","region_id",time(StartDate & StartTime,"%d %b %Y %R"), RNC_AAL2_AP.nedn_SubNet work) or lookup("nc_bsc","region_id",time(StartDate & StartTime,"%d %b %Y %R"), NODEB_AAL2_AP.nedn_Sub Network) or lookup("nc_bsc","region_id",time(StartDate & StartTime,"%d %b %Y %R"), RXI_AAL2_AP.nedn_SubNet work); lookup("nc_bsc","region_id",time(StartDate & StartTime,"%d %b %Y %R"), RNC_AAL2_AP.nedn_SubNet work) or lookup("nc_bsc","region_id",time(StartDate & StartTime,"%d %b %Y %R"), NODEB_AAL2_AP.nedn_Sub Network) or lookup("nc_bsc","region_id",time(StartDate & StartTime,"%d %b %Y %R"), RXI_AAL2_AP.nedn_SubNet work)	
Configuration Attributes					
AAL2_AP_Name	A user friendly name for the AAL2 Access Point.			RNC_AAL2_AP.nedn_SubNet work & "/" & moid_Aal2Sp & "/" & moid_Aal2Ap or NODEB_AAL2_AP.nedn_Sub Network & "/" & nedn_MeContext & "/" & moid_Aal2Sp & "/" & moid_Aal2Ap or RXI_AAL2_AP.nedn_SubNet	

				work & "/" & nedn_MeContext & "/" & moid_Aal2Sp & "/" & moid_Aal2Ap; RNC_AAL2_AP.nedn_SubNetwork & "/" & moid_Aal2Sp & "/" & moid_Aal2Ap or NODEB_AAL2_AP.nedn_SubNetwork & "/" & nedn_MeContext & "/" & moid_Aal2Sp & "/" & moid_Aal2Ap or RXI_AAL2_AP.nedn_SubNetwork & "/" & nedn_MeContext & "/" & moid_Aal2Sp & "/" & moid_Aal2Ap	
Technology	Technology of the network/element (e.g. GSM, GPRS, UMTS).			RNC_AAL2_AP."UMTS" or NODEB_AAL2_AP."UMTS" or RXI_AAL2_AP."UMTS"; RNC_AAL2_AP."UMTS" or NODEB_AAL2_AP."UMTS" or RXI_AAL2_AP."UMTS"	
Version	Hardware/Software version of the AAL2 Access Point.			RNC_AAL2_AP."P7.1" or NODEB_AAL2_AP."P7.1" or RXI_AAL2_AP."P7.1"; RNC_AAL2_AP."P7.1" or NODEB_AAL2_AP."P7.1" or RXI_AAL2_AP."P7.1"	
Node_Type	Type of Node.			RNC_AAL2_AP."RNC" or NODEB_AAL2_AP."NodeB" or RXI_AAL2_AP."RXI"; RNC_AAL2_AP."RNC" or NODEB_AAL2_AP."NodeB" or RXI_AAL2_AP."RXI"	
Node_Id	The Node associated with the AAL2 Access Point.			No mapping; No mapping	
AAL2_AP_Type	The type of the Aal2_access_point_type	Y		No mapping; No mapping	

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5.4 AAL2_Path_Vcc_Tp details

In the network hierarchy, the immediate parents of the AAL2_Path_Vcc_Tp object are: NodeB and RNC.

Attribute Name	Description	Read - Only ?	Time-Track ed?	Mapping	Aggrega tor
Primary Identifier					
AAL2_Path_Vcc_Tp_Id	A unique identifier for the AAL2 virtual circuit in a UTRAN network.	Y		RNC_AAL2_Link.nedn_SubNetwork & "/" & moid_Aal2PathVccTp or NODEB_AAL2_Link.nedn_SubNetwork & "/" & nedn_MeContext & "/" & moid_Aal2PathVccTp or RXI_AAL2_Link.nedn_SubNetwork & "/" & nedn_MeContext & "/" & moid_Aal2PathVccTp; RNC_AAL2_Link.nedn_SubNetwork & "/" & moid_Aal2PathVccTp or NODEB_AAL2_Link.nedn_SubNetwork & "/" & nedn_MeContext & "/" & moid_Aal2PathVccTp or RXI_AAL2_Link.nedn_SubNetwork & "/" & nedn_MeContext & "/" & moid_Aal2PathVccTp	
Relationship Attributes					
Network_Id	Network associated with the AAL2 Path Vcc Tp.	Y	Y	lookup("nc_bsc","network_id", utime(StartDate & StartTime,"%d %b %Y %R"), RNC_AAL2_Link.nedn_SubNetwork) or lookup("nc_bsc","network_id", utime(StartDate & StartTime,"%d %b %Y %R"), NODEB_AAL2_Link.nedn_SubNetwork) or lookup("nc_bsc","network_id", utime(StartDate &	

				StartTime,"%d %b %Y %R"), RXI_AAL2_Link.nedn_SubNet work); lookup("nc_bsc","network_id", utime(StartDate & StartTime,"%d %b %Y %R"), RNC_AAL2_Link.nedn_SubNe twork) or lookup("nc_bsc","network_id", utime(StartDate & StartTime,"%d %b %Y %R"), NODEB_AAL2_Link.nedn_Su bNetwork) or lookup("nc_bsc","network_id", utime(StartDate & StartTime,"%d %b %Y %R"), RXI_AAL2_Link.nedn_SubNet work)	
NodeB_Id	NodeB in a UTRAN network.	Y	Y	NODEB_AAL2_Link.nedn_Su bNetwork & "/" & nedn_MeContext; NODEB_AAL2_Link.nedn_Su bNetwork & "/" & nedn_MeContext	
RNC_Id	RNC in a UTRAN network.	Y	Y	RNC_AAL2_Link.nedn_SubNe twork or NODEB_AAL2_Link.nedn_Su bNetwork or RXI_AAL2_Link.nedn_SubNet work; RNC_AAL2_Link.nedn_SubNe twork or NODEB_AAL2_Link.nedn_Su bNetwork or RXI_AAL2_Link.nedn_SubNet work	
Region_Id	Region associated with the AAL2 Path Vcc Tp.	Y	Y	lookup("nc_bsc","region_id",uti me(StartDate & StartTime,"%d %b %Y %R"),	

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			<p>RNC_AAL2_Link.nedn_SubNetwork) or lookup("nc_bsc","region_id",time(StartDate & StartTime,"%d %b %Y %R"), NODEB_AAL2_Link.nedn_SubNetwork) or lookup("nc_bsc","region_id",time(StartDate & StartTime,"%d %b %Y %R"), RXI_AAL2_Link.nedn_SubNetwork); lookup("nc_bsc","region_id",time(StartDate & StartTime,"%d %b %Y %R"), RNC_AAL2_Link.nedn_SubNetwork) or lookup("nc_bsc","region_id",time(StartDate & StartTime,"%d %b %Y %R"), NODEB_AAL2_Link.nedn_SubNetwork) or lookup("nc_bsc","region_id",time(StartDate & StartTime,"%d %b %Y %R"), RXI_AAL2_Link.nedn_SubNetwork)</p>
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Configuration Attributes

AAL2_Path_Vcc_Tp_Name	A user friendly name for AAL2 Path Vcc Tp.		<p>RNC_AAL2_Link.nedn_SubNetwork & "/" & moid_Aal2PathVccTp or NODEB_AAL2_Link.nedn_SubNetwork & "/" & nedn_MeContext & "/" & moid_Aal2PathVccTp or RXI_AAL2_Link.nedn_SubNetwork & "/" & nedn_MeContext & "/" & moid_Aal2PathVccTp; RNC_AAL2_Link.nedn_SubNetwork & "/" & moid_Aal2PathVccTp or NODEB_AAL2_Link.nedn_SubNetwork & "/" & nedn_MeContext & "/" & moid_Aal2PathVccTp or</p>
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				RXI_AAL2_Link.nedn_SubNetwork & "/" & nedn_MeContext & "/" & moid_Aal2PathVccTp	
Technology	Technology of the network/element (e.g. GSM, GPRS, UMTS).			RNC_AAL2_Link."UMTS" or NODEB_AAL2_Link."UMTS" or RXI_AAL2_Link."UMTS"; RNC_AAL2_Link."UMTS" or NODEB_AAL2_Link."UMTS" or RXI_AAL2_Link."UMTS"	
Version	Hardware/Software version of the AAL2 Path VCC TP.			RNC_AAL2_Link."P7.1" or NODEB_AAL2_Link."P7.1" or RXI_AAL2_Link."P7.1"; RNC_AAL2_Link."P7.1" or NODEB_AAL2_Link."P7.1" or RXI_AAL2_Link."P7.1"	
Node_Type	Type of Node.			RNC_AAL2_Link."RNC" or NODEB_AAL2_Link."NodeB" or RXI_AAL2_Link."RXI"; RNC_AAL2_Link."RNC" or NODEB_AAL2_Link."NodeB" or RXI_AAL2_Link."RXI"	

5.5 AAL2_Signalling_Point details

In the network hierarchy, the immediate parents of the AAL2_Signalling_Point object are: NodeB and RNC.

Attribute Name	Description	Read - Only ?	Time-Track ed?	Mapping	Aggrega tor
Primary Identifier					
AAL2_SP_Id	A unique identifier for the ATM Adaption layer 2 Signaling point.	Y		RNC_AAL2_SP.nedn_SubNetwork & "/" & moid_Aal2Sp or NODEB_AAL2_SP.nedn_Sub Network & "/" &	

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				<p>nedn_MeContext & "/" & moid_Aal2Sp or RXI_AAL2_SP.nedn_SubNetwork & "/" & nedn_MeContext & "/" & moid_Aal2Sp; RNC_AAL2_SP.nedn_SubNetwork & "/" & moid_Aal2Sp or NODEB_AAL2_SP.nedn_SubNetwork & "/" & nedn_MeContext & "/" & moid_Aal2Sp or RXI_AAL2_SP.nedn_SubNetwork & "/" & nedn_MeContext & "/" & moid_Aal2Sp</p>
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Relationship Attributes

Network_Id	Network associated with the AAL2 SP.	Y	Y	<p>lookup("nc_bsc","network_id", utime(StartDate & StartTime,"%d %b %Y %R"), RNC_AAL2_SP.nedn_SubNetwork) or lookup("nc_bsc","network_id", utime(StartDate & StartTime,"%d %b %Y %R"), NODEB_AAL2_SP.nedn_SubNetwork) or lookup("nc_bsc","network_id", utime(StartDate & StartTime,"%d %b %Y %R"), RXI_AAL2_SP.nedn_SubNetwork); lookup("nc_bsc","network_id", utime(StartDate & StartTime,"%d %b %Y %R"), RNC_AAL2_SP.nedn_SubNetwork) or lookup("nc_bsc","network_id", utime(StartDate & StartTime,"%d %b %Y %R"), NODEB_AAL2_SP.nedn_SubNetwork) or lookup("nc_bsc","network_id", utime(StartDate & StartTime,"%d %b %Y %R"), RXI_AAL2_SP.nedn_SubNetwork)</p>
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NodeB_Id	NodeB in a UTRAN network.	Y	Y	NODEB_AAL2_SP.nedn_Sub Network & "/" & nedn_MeContext; NODEB_AAL2_SP.nedn_Sub Network & "/" & nedn_MeContext
RNC_Id	RNC in a UTRAN network.	Y	Y	RNC_AAL2_SP.nedn_SubNet work or NODEB_AAL2_SP.nedn_Sub Network or RXI_AAL2_SP.nedn_SubNetw ork; RNC_AAL2_SP.nedn_SubNet work or NODEB_AAL2_SP.nedn_Sub Network or RXI_AAL2_SP.nedn_SubNetw ork
Region_Id	Region associated with the AAL2_SP.	Y	Y	lookup("nc_bsc","region_id",uti me(StartDate & StartTime,"%d %b %Y %R"), RNC_AAL2_SP.nedn_SubNet work) or lookup("nc_bsc","region_id",uti me(StartDate & StartTime,"%d %b %Y %R"), NODEB_AAL2_SP.nedn_Sub Network) or lookup("nc_bsc","region_id",uti me(StartDate & StartTime,"%d %b %Y %R"), RXI_AAL2_SP.nedn_SubNetw ork); lookup("nc_bsc","region_id",uti me(StartDate & StartTime,"%d %b %Y %R"), RNC_AAL2_SP.nedn_SubNet work) or lookup("nc_bsc","region_id",uti me(StartDate & StartTime,"%d

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				%b %Y %R"), NODEB_AAL2_SP.nedn_Sub Network) or lookup("nc_bsc","region_id",uti me(StartDate & StartTime,"%d %b %Y %R"), RXI_AAL2_SP.nedn_SubNetw ork)	
Configuration Attributes					
AAL2_SP_Na me	A user friendly name preferably unique for AAL2 SP			RNC_AAL2_SP.nedn_SubNet work & "/" & moid_Aal2Sp or NODEB_AAL2_SP.nedn_Sub Network & "/" & nedn_MeContext & "/" & moid_Aal2Sp or RXI_AAL2_SP.nedn_SubNetw ork & "/" & nedn_MeContext & "/" & moid_Aal2Sp; RNC_AAL2_SP.nedn_SubNet work & "/" & moid_Aal2Sp or NODEB_AAL2_SP.nedn_Sub Network & "/" & nedn_MeContext & "/" & moid_Aal2Sp or RXI_AAL2_SP.nedn_SubNetw ork & "/" & nedn_MeContext & "/" & moid_Aal2Sp	
Technology	Technology of the network/element (e.g. GSM, GPRS, UMTS).			RNC_AAL2_SP."UMTS" or NODEB_AAL2_SP."UMTS" or RXI_AAL2_SP."UMTS"; RNC_AAL2_SP."UMTS" or NODEB_AAL2_SP."UMTS" or RXI_AAL2_SP."UMTS"	
Version	Hardware/Software version of the AAL2 SP.			RNC_AAL2_SP."P7.1" or NODEB_AAL2_SP."P7.1" or RXI_AAL2_SP."P7.1"; RNC_AAL2_SP."P7.1" or NODEB_AAL2_SP."P7.1" or RXI_AAL2_SP."P7.1"	
Node_Type_I d	Type of Node.			RNC_AAL2_SP."RNC" or NODEB_AAL2_SP."NodeB" or RXI_AAL2_SP."RXI"; RNC_AAL2_SP."RNC" or	

				NODEB_AAL2_SP."NodeB" or RXI_AAL2_SP."RXI"	
Node_Id	The unique identifier for the node this object is connected to	Y		No mapping; No mapping	
Node_Name	A user friendly name for this node the object is connected to	Y		No mapping; No mapping	

5.6 AAL5_Tp_Vcc_Tp details

In the network hierarchy, the immediate parents of the AAL5_Tp_Vcc_Tp object are: NodeB and RNC.

Attribute Name	Description	Read - Only ?	Time-Track ed?	Mapping	Aggrega tor
Primary Identifier					
AAL5_Tp_Vc c_Tp_Id	A unique identifier for the AAL5 virtual circuit in a UTRAN network.	Y		RNC_AAL5_Link.nedn_SubNe twork & "/" & moid_Aal5TpVccTp or NODEB_AAL5_Link.nedn_Su bNetwork & "/" & nedn_MeContext & "/" & moid_Aal5TpVccTp or RXI_AAL5_Link.nedn_SubNet work & "/" & nedn_MeContext & "/" & moid_Aal5TpVccTp; RNC_AAL5_Link.nedn_SubNe twork & "/" & moid_Aal5TpVccTp or NODEB_AAL5_Link.nedn_Su bNetwork & "/" & nedn_MeContext & "/" & moid_Aal5TpVccTp or RXI_AAL5_Link.nedn_SubNet work & "/" & nedn_MeContext	

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				& "/" & moid_Aal5TpVccTp	
Relationship Attributes					
Network_Id	Network associated with the AAL5 TP VCC TP.	Y	Y	lookup("nc_bsc","network_id", utime(StartDate & StartTime,"%d %b %Y %R"), RNC_AAL5_Link.nedn_SubNetwork) or lookup("nc_bsc","network_id", utime(StartDate & StartTime,"%d %b %Y %R"), NODEB_AAL5_Link.nedn_SubNetwork) or lookup("nc_bsc","network_id", utime(StartDate & StartTime,"%d %b %Y %R"), RXI_AAL5_Link.nedn_SubNetwork); lookup("nc_bsc","network_id", utime(StartDate & StartTime,"%d %b %Y %R"), RNC_AAL5_Link.nedn_SubNetwork) or lookup("nc_bsc","network_id", utime(StartDate & StartTime,"%d %b %Y %R"), NODEB_AAL5_Link.nedn_SubNetwork) or lookup("nc_bsc","network_id", utime(StartDate & StartTime,"%d %b %Y %R"), RXI_AAL5_Link.nedn_SubNetwork)	
NodeB_Id	NodeB in a UTRAN network.	Y	Y	NODEB_AAL5_Link.nedn_SubNetwork & "/" & nedn_MeContext; NODEB_AAL5_Link.nedn_SubNetwork & "/" & nedn_MeContext	
RNC_Id	RNC in a UTRAN network.	Y	Y	RNC_AAL5_Link.nedn_SubNetwork or NODEB_AAL5_Link.nedn_SubNetwork or RXI_AAL5_Link.nedn_SubNet	

				work; RNC_AAL5_Link.nedn_SubNetwork or NODEB_AAL5_Link.nedn_SubNetwork or RXI_AAL5_Link.nedn_SubNetwork	
Region_Id	Region associated with AAL5 Tp Vcc Tp.	Y	Y	lookup("nc_bsc","region_id",time(StartDate & StartTime,"%d %b %Y %R"), RNC_AAL5_Link.nedn_SubNetwork) or lookup("nc_bsc","region_id",time(StartDate & StartTime,"%d %b %Y %R"), NODEB_AAL5_Link.nedn_SubNetwork) or lookup("nc_bsc","region_id",time(StartDate & StartTime,"%d %b %Y %R"), RXI_AAL5_Link.nedn_SubNetwork); lookup("nc_bsc","region_id",time(StartDate & StartTime,"%d %b %Y %R"), RNC_AAL5_Link.nedn_SubNetwork) or lookup("nc_bsc","region_id",time(StartDate & StartTime,"%d %b %Y %R"), NODEB_AAL5_Link.nedn_SubNetwork) or lookup("nc_bsc","region_id",time(StartDate & StartTime,"%d %b %Y %R"), RXI_AAL5_Link.nedn_SubNetwork)	
Configuration Attributes					
AAL5_Tp_Vc	A user friendly name for			RNC_AAL5_Link.nedn_SubNe	

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c_Tp_Name	the object.			<p>network & "/" & moid_Aal5TpVccTp or NODEB_AAL5_Link.nedn_SubNetwork & "/" & nedn_MeContext & "/" & moid_Aal5TpVccTp or RXI_AAL5_Link.nedn_SubNetwork & "/" & nedn_MeContext & "/" & moid_Aal5TpVccTp; RNC_AAL5_Link.nedn_SubNetwork & "/" & moid_Aal5TpVccTp or NODEB_AAL5_Link.nedn_SubNetwork & "/" & nedn_MeContext & "/" & moid_Aal5TpVccTp or RXI_AAL5_Link.nedn_SubNetwork & "/" & nedn_MeContext & "/" & moid_Aal5TpVccTp</p>	
Technology	Technology of the network/element (e.g. GSM, GPRS, UMTS).			<p>RNC_AAL5_Link."UMTS" or NODEB_AAL5_Link."UMTS" or RXI_AAL5_Link."UMTS"; RNC_AAL5_Link."UMTS" or NODEB_AAL5_Link."UMTS" or RXI_AAL5_Link."UMTS"</p>	
Version	Hardware/Software version of the AAL5 TP VCC TP.			<p>RNC_AAL5_Link."P7.1" or NODEB_AAL5_Link."P7.1" or RXI_AAL5_Link."P7.1"; RNC_AAL5_Link."P7.1" or NODEB_AAL5_Link."P7.1" or RXI_AAL5_Link."P7.1"</p>	
Node_Type	Type of Node.			<p>RNC_AAL5_Link."RNC" or NODEB_AAL5_Link."NodeB" or RXI_AAL5_Link."RXI" ; RNC_AAL5_Link."RNC" or NODEB_AAL5_Link."NodeB" or RXI_AAL5_Link."RXI"</p>	
Node_Id	The unique identifier for the node this object is connected to			No mapping; No mapping	
Node_Name	A user friendly name for this node the object is connected to			No mapping; No mapping	

5.7 Antenna_Branch details

In the network hierarchy, the immediate parent of the Antenna_Branch object is NodeB.

Attribute Name	Description	Read - Only ?	Time-Track ed?	Mapping	Aggrega tor
Primary Identifier					
Antenna_Bran ch_Id	A unique identifier for the Antenna Branch.	Y		ManagedElement_Equipment_S ector_AntennaBranch.nedn_Sub Network & "/" & nedn_MeContext & "/" & moid_Equipment & "/" & moid_SectorAntenna & "/" & moid_AntennaBranch; ManagedElement_Equipment_S ector_AntennaBranch.nedn_Sub Network & "/" & nedn_MeContext & "/" & moid_Equipment & "/" & moid_SectorAntenna & "/" & moid_AntennaBranch	
Relationship Attributes					
NodeB_Id	A unique identifier for the NodeB.	Y	Y	ManagedElement_Equipment_S ector_AntennaBranch.nedn_Sub Network & "/" & nedn_MeContext; ManagedElement_Equipment_S ector_AntennaBranch.nedn_Sub Network & "/" & nedn_MeContext	
RNC_Id	A unique identifier for the RNC.	Y	Y	ManagedElement_Equipment_S ector_AntennaBranch.nedn_Sub Network; ManagedElement_Equipment_S ector_AntennaBranch.nedn_Sub	

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				Network	
SGSN_Id	Identifier of the SGSN.	Y	Y	No mapping; No mapping	
Region_Id	Region of the Antenna Branch / NodeB.	Y	Y	lookup("nc_bsc","region_id",utime(StartDate & StartTime,"%d %b %Y %R"), nedn_SubNetwork); lookup("nc_bsc","region_id",utime(StartDate & StartTime,"%d %b %Y %R"), nedn_SubNetwork)	
Network_Id	Identifier of the Network / PLMN.	Y	Y	lookup("nc_bsc","network_id",utime(StartDate & StartTime,"%d %b %Y %R"), nedn_SubNetwork); lookup("nc_bsc","network_id",utime(StartDate & StartTime,"%d %b %Y %R"), nedn_SubNetwork)	
Configuration Attributes					
Antenna_Branch_Name	A user friendly name preferably unique for the Antenna Branch.			ManagedElement_Equipment_Sector_AntennaBranch.nedn_MeContext & "/" & moid_Equipment & "/" & moid_SectorAntenna & "/" & moid_AntennaBranch; ManagedElement_Equipment_Sector_AntennaBranch.nedn_MeContext & "/" & moid_Equipment & "/" & moid_SectorAntenna & "/" & moid_AntennaBranch	
Antenna_Branch_Version	Hardware/Software version of the Antenna Branch.			"P7.1"; "P7.1"	
Technology	Technology of the network/element (e.g. GSM, GPRS, UMTS).			"UMTS"; "UMTS"	

5.8 ATM_Port details

In the network hierarchy, the immediate parent of the ATM_Port object is Region.

Attribute Name	Description	Read - Only ?	Time-Track ed?	Mapping	Aggrega tor
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Primary Identifier					
ATM_Port_Id	A unique identifier for the ATM Port.	Y			RNC_ATM_Physical_Link.ned n_SubNetwork & "/" & moid_AtmPort or NODEB_ATM_Physical_Link. nedn_SubNetwork & "/" & nedn_MeContext & "/" & moid_AtmPort or RXI_ATM_Physical_Link.nedn _SubNetwork & "/" & nedn_MeContext & "/" & moid_AtmPort; RNC_ATM_Physical_Link.ned n_SubNetwork & "/" & moid_AtmPort or NODEB_ATM_Physical_Link. nedn_SubNetwork & "/" & nedn_MeContext & "/" & moid_AtmPort or RXI_ATM_Physical_Link.nedn _SubNetwork & "/" & nedn_MeContext & "/" & moid_AtmPort
Relationship Attributes					
Network_Id	Network associated with the ATM Port.	Y	Y		lookup("nc_bsc","network_id", utime(StartDate & StartTime,"%d %b %Y %R"), RNC_ATM_Physical_Link.ned n_SubNetwork) or lookup("nc_bsc","network_id", utime(StartDate & StartTime,"%d %b %Y %R"), NODEB_ATM_Physical_Link. nedn_SubNetwork) or lookup("nc_bsc","network_id", utime(StartDate & StartTime,"%d %b %Y %R"), RXI_ATM_Physical_Link.nedn _SubNetwork); lookup("nc_bsc","network_id", utime(StartDate & StartTime,"%d %b %Y %R"), RNC_ATM_Physical_Link.ned n_SubNetwork) or

				lookup("nc_bsc","network_id", utime(StartDate & StartTime,"%d %b %Y %R"), NODEB_ATM_Physical_Link.nedn_SubNetwork) or lookup("nc_bsc","network_id", utime(StartDate & StartTime,"%d %b %Y %R"), RXI_ATM_Physical_Link.nedn_SubNetwork)
Region_Id	Region associated with the ATM Port.	Y	Y	lookup("nc_bsc","region_id", utime(StartDate & StartTime,"%d %b %Y %R"), RNC_ATM_Physical_Link.nedn_SubNetwork) or lookup("nc_bsc","region_id", utime(StartDate & StartTime,"%d %b %Y %R"), NODEB_ATM_Physical_Link.nedn_SubNetwork) or lookup("nc_bsc","region_id", utime(StartDate & StartTime,"%d %b %Y %R"), RXI_ATM_Physical_Link.nedn_SubNetwork); lookup("nc_bsc","region_id", utime(StartDate & StartTime,"%d %b %Y %R"), RNC_ATM_Physical_Link.nedn_SubNetwork) or lookup("nc_bsc","region_id", utime(StartDate & StartTime,"%d %b %Y %R"), NODEB_ATM_Physical_Link.nedn_SubNetwork) or lookup("nc_bsc","region_id", utime(StartDate & StartTime,"%d %b %Y %R"), RXI_ATM_Physical_Link.nedn_SubNetwork)

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Configuration Attributes

ATM_Port_Name	A user friendly name preferably unique for the ATM Port.			RNC_ATM_Physical_Link.nedn_SubNetwork & "/" & moid_AtmPort or NODEB_ATM_Physical_Link.nedn_SubNetwork & "/" & nedn_MeContext & "/" & moid_AtmPort or RXI_ATM_Physical_Link.nedn_SubNetwork & "/" & nedn_MeContext & "/" & moid_AtmPort; RNC_ATM_Physical_Link.nedn_SubNetwork & "/" & moid_AtmPort or NODEB_ATM_Physical_Link.nedn_SubNetwork & "/" & nedn_MeContext & "/" & moid_AtmPort or RXI_ATM_Physical_Link.nedn_SubNetwork & "/" & nedn_MeContext & "/" & moid_AtmPort	
ATM_Port_Type	Type of ATM Port.			No mapping; No mapping	
ATM_Port_Version	Hardware/Software version of the ATM Port.			RNC_ATM_Physical_Link."P7.1" or NODEB_ATM_Physical_Link."P7.1" or RXI_ATM_Physical_Link."P7.1"; RNC_ATM_Physical_Link."P7.1" or NODEB_ATM_Physical_Link."P7.1" or RXI_ATM_Physical_Link."P7.1"	
Node_Id	A unique identifier for the Node.			RNC_ATM_Physical_Link.nedn_SubNetwork or NODEB_ATM_Physical_Link.nedn_SubNetwork & "/" & nedn_MeContext or RXI_ATM_Physical_Link.nedn	

				_SubNetwork & "/" & nedn_MeContext; RNC_ATM_Physical_Link.ned n_SubNetwork or NODEB_ATM_Physical_Link. nedn_SubNetwork & "/" & nedn_MeContext or RXI_ATM_Physical_Link.nedn _SubNetwork & "/" & nedn_MeContext	
Node_Name	A user friendly name preferably unique for the Node.			No mapping; No mapping	
Node_Type	Type of the Node.			RNC_ATM_Physical_Link."R NC" or NODEB_ATM_Physical_Link. "NodeB" or RXI_ATM_Physical_Link."RX I"; RNC_ATM_Physical_Link."R NC" or NODEB_ATM_Physical_Link. "NodeB" or RXI_ATM_Physical_Link."RX I"	
Technology	Technology of the network/element (e.g. GSM, GPRS, UMTS).			RNC_ATM_Physical_Link."U MTS" or NODEB_ATM_Physical_Link. "UMTS" or RXI_ATM_Physical_Link."U MTS"; RNC_ATM_Physical_Link."U MTS" or NODEB_ATM_Physical_Link. "UMTS" or RXI_ATM_Physical_Link."U MTS"	

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5.9 BS_Carrier details

In the network hierarchy, the immediate parent of the BS_Carrier object is NodeB.

Attribute Name	Description	Read - Only ?	Time-Track ed?	Mapping	Aggrega tor
Primary Identifier					
BS_Carrier_I d	A unique identifier for the BS Carrier.	Y		ME_NodeBFunction_RbsLocal Cell_Carrier.nedn_SubNetwork & "/" & nedn_MeContext & "/" & moid_Sector & "/" & moid_Carrier; ME_NodeBFunction_RbsLocal Cell_Carrier.nedn_SubNetwork & "/" & nedn_MeContext & "/" & moid_Sector & "/" & moid_Carrier	
Relationship Attributes					
Network_Id	Identifier of the Network / PLMN.	Y	Y	lookup("nc_bsc","network_id", utime(StartDate & StartTime,"%d %b %Y %R"), nedn_SubNetwork); lookup("nc_bsc","network_id", utime(StartDate & StartTime,"%d %b %Y %R"), nedn_SubNetwork)	
NodeB_Id	A unique identifier for the NodeB.	Y	Y	ME_NodeBFunction_RbsLocal Cell_Carrier.nedn_SubNetwork & "/" & nedn_MeContext; ME_NodeBFunction_RbsLocal Cell_Carrier.nedn_SubNetwork & "/" & nedn_MeContext	
RNC_Id	A unique identifier for the RNC.	Y	Y	ME_NodeBFunction_RbsLocal Cell_Carrier.nedn_SubNetwork ; ME_NodeBFunction_RbsLocal Cell_Carrier.nedn_SubNetwork	
Region_Id	Identifier of the Region.	Y	Y	lookup("nc_bsc","region_id", utime(StartDate & StartTime,"%d %b %Y %R"), nedn_SubNetwork);	

				lookup("nc_bsc","region_id",utime(StartDate & StartTime,"%d %b %Y %R"),nedn_SubNetwork)	
Configuration Attributes					
BS_Carrier_Name	A user friendly name preferably unique for the BS Carrier.			ME_NodeBFunction_RbsLocalCell_Carrier.nedn_SubNetwork & "/" & nedn_MeContext & "/" & moid_Sector & "/" & moid_Carrier; ME_NodeBFunction_RbsLocalCell_Carrier.nedn_SubNetwork & "/" & nedn_MeContext & "/" & moid_Sector & "/" & moid_Carrier	
BS_Carrier_Frequency	Designated Node B carrier frequency.			No mapping; No mapping	
BS_Carrier_Version	Hardware/Software version of the BS_Carrier.			"P7.1"; "P7.1"	
Technology	Technology of the network/element (e.g. GSM, GPRS, UMTS).			"UMTS"; "UMTS"	

5.10 CC_SP_Device details

In the network hierarchy, the immediate parent of the CC_SP_Device object is RNC.

Attribute Name	Description	Read - Only ?	Time-Track ed?	Mapping	Aggregator
Primary Identifier					
CC_SP_Device_Id	The primary identifier of the CC_SP_Device.	Y		ME_Eqpt_SpDevicePool_CcDevice.nedn_SubNetwork & "/" & moid_Equipment & "/" &	

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				moid_SpDevicePool & "/CC-" & moid_CcDevice; ME_Eqpt_SpDevicePool_CcDevice.nedn_SubNetwork & "/" & moid_Equipment & "/" & moid_SpDevicePool & "/CC-" & moid_CcDevice	
Relationship Attributes					
RNC_Id	RNC in a UTRAN network.	Y	Y	ME_Eqpt_SpDevicePool_CcDevice.nedn_SubNetwork; ME_Eqpt_SpDevicePool_CcDevice.nedn_SubNetwork	
Network_Id	Network associated with the CC SP Device	Y	Y	lookup("nc_bsc","network_id", utime(StartDate & StartTime,"%d %b %Y %R"), nedn_SubNetwork); lookup("nc_bsc","network_id", utime(StartDate & StartTime,"%d %b %Y %R"), nedn_SubNetwork)	
Region_Id	Region associated with the CC SP Device.	Y	Y	lookup("nc_bsc","region_id", utime(StartDate & StartTime,"%d %b %Y %R"), nedn_SubNetwork); lookup("nc_bsc","region_id", utime(StartDate & StartTime,"%d %b %Y %R"), nedn_SubNetwork)	
Configuration Attributes					
CC_SP_Device_Name	The meaningful name of the CC_SP_Device.			ME_Eqpt_SpDevicePool_CcDevice.nedn_SubNetwork & "/" & moid_Equipment & "/" & moid_SpDevicePool & "/CC-" & moid_CcDevice; ME_Eqpt_SpDevicePool_CcDevice.nedn_SubNetwork & "/" & moid_Equipment & "/" & moid_SpDevicePool & "/CC-" & moid_CcDevice	
Technology	Technology of the network/element (e.g.			"UMTS"; "UMTS"	

	GSM, GPRS, UMTS).				
Version	Hardware/Software version of the CC SP Device.			"P7.1"; "P7.1"	

5.11 CchFrameSynch details

In the network hierarchy, the immediate parent of the CchFrameSynch object is RNC.

Attribute Name	Description	Read - Only ?	Time-Track ed?	Mapping	Aggrega tor
Primary Identifier					
CchFrameSynch_Id	A unique identifier for the CchFrameSynch.	Y		ManagedElement_RncFunction_CchFrameSynch.nedn_SubNetwork & "/" & moid_CchFrameSynch; ManagedElement_RncFunction_CchFrameSynch.nedn_SubNetwork & "/" & moid_CchFrameSynch	
Relationship Attributes					
RNC_Id	A unique identifier for the RNC.	Y	Y	ManagedElement_RncFunction_CchFrameSynch.nedn_SubNetwork; ManagedElement_RncFunction_CchFrameSynch.nedn_SubNetwork	
Region_Id	Region of the CchFrameSynch / RNC.	Y	Y	lookup("nc_bsc","region_id",time(ManagedElement_RncFunction_CchFrameSynch.StartDate & StartTime,"%d %b %Y %R"), nedn_SubNetwork); lookup("nc_bsc","region_id",time(ManagedElement_RncFunction_CchFrameSynch.StartDate	

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				& StartTime,"%d %b %Y %R"), nedn_SubNetwork)	
Network_Id	Identifier of the Network / PLMN.	Y	Y	lookup("nc_bsc","network_id", utime(ManagedElement_RncFunction_CchFrameSynch.StartDate & StartTime,"%d %b %Y %R"), nedn_SubNetwork); lookup("nc_bsc","network_id", utime(ManagedElement_RncFunction_CchFrameSynch.StartDate & StartTime,"%d %b %Y %R"), nedn_SubNetwork)	
Configuration Attributes					
CchFrameSynch_Name	A user friendly name preferably unique for the CchFrameSynch.			ManagedElement_RncFunction_CchFrameSynch.nedn_SubNetwork & "/" & moid_CchFrameSynch; ManagedElement_RncFunction_CchFrameSynch.nedn_SubNetwork & "/" & moid_CchFrameSynch	
Version	Hardware/Software version of the object that manage the CchFrameSynch.			"P7.1"; "P7.1"	
Technology	Technology of the network/element (e.g. GSM, GPRS, UMTS).	Y		"UMTS"; "UMTS"	

5.12 CDMA_Channel details

In the network hierarchy, the immediate parent of the CDMA_Channel object is Cell.

Attribute Name	Description	Read - Only ?	Time-Track ed?	Mapping	Aggregator
Primary Identifier					
CDMA_Channel_Id	A unique identifier for the CDMA Channel.	Y		ME_NodeBFunction_Sector_Carrier_Prach.nedn_SubNetwork & "/" & nedn_MeContext & "/" &	

			<p>moid_Sector & "/" & moid_Carrier & "/" & moid_Prach or ManagedElement_NodeBFunction_Carrier_Scpch.nedn_SubNetwork & "/" & nedn_MeContext & "/" & moid_Sector & "/" & moid_Carrier & "/" & moid_Scpch or ManagedElement_NodeBFunction_Sector_Carrier_Aich.nedn_SubNetwork & "/" & nedn_MeContext & "/" & moid_Sector & "/" & moid_Carrier & "/" & moid_Aich or ME_NodeBFunction_Sector_Carrier_EDchResources.nedn_SubNetwork & "/" & nedn_MeContext & "/" & moid_Sector & "/" & moid_Carrier & "/" & moid_EDchResources or ME_NodeBFunction_HsDschResources.nedn_SubNetwork & "/" & nedn_MeContext & "/" & moid_Sector & "/" & moid_Carrier & "/" & moid_HsDschResources; ME_NodeBFunction_Sector_Carrier_Prach.nedn_SubNetwork & "/" & nedn_MeContext & "/" & moid_Sector & "/" & moid_Carrier & "/" & moid_Prach or ManagedElement_NodeBFunction_Carrier_Scpch.nedn_SubNetwork & "/" & nedn_MeContext & "/" & moid_Sector & "/" & moid_Carrier & "/" & moid_Scpch or ManagedElement_NodeBFunction</p>
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				n_Sector_Carrier_Aich.nedn_SubNetwork & "/" & nedn_MeContext & "/" & moid_Sector & "/" & moid_Carrier & "/" & moid_Aich or ME_NodeBFunction_Sector_Carrier_EDchResources.nedn_SubNetwork & "/" & nedn_MeContext & "/" & moid_Sector & "/" & moid_Carrier & "/" & moid_EDchResources or ME_NodeBFunction_HsDschResources.nedn_SubNetwork & "/" & nedn_MeContext & "/" & moid_Sector & "/" & moid_Carrier & "/" & moid_HsDschResources
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Relationship Attributes

Cell_Id	A unique identifier for the Cell.	Y	Y	ME_NodeBFunction_Sector_Carrier_Prach.UtranCell_id or ManagedElement_NodeBFunction_Sector_Carrier_Aich.UtranCell_id or ManagedElement_NodeBFunction_Carrier_Sccpch.UtranCell_id or ME_NodeBFunction_Sector_Carrier_EDchResources.UtranCell_id or ME_NodeBFunction_HsDschResources.UtranCell_id ; ME_NodeBFunction_Sector_Carrier_Prach.UtranCell_id or ManagedElement_NodeBFunction_Sector_Carrier_Aich.UtranCell_id or ManagedElement_NodeBFunction_Carrier_Sccpch.UtranCell_id or ME_NodeBFunction_Sector_Carrier_EDchResources.UtranCell_id or ME_NodeBFunction_HsDschResources.UtranCell_id
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NodeB_Id	A unique identifier for the NodeB.	Y	Y	ME_NodeBFunction_Sector_Carrier_Prach.nedn_SubNetwork & "/" & nedn_MeContext or ManagedElement_NodeBFunction_Sector_Carrier_Aich.nedn_SubNetwork & "/" & nedn_MeContext or ManagedElement_NodeBFunction_Carrier_Scpch.nedn_SubNetwork & "/" & nedn_MeContext or ME_NodeBFunction_Sector_Carrier_EDchResources.nedn_SubNetwork & "/" & nedn_MeContext or ME_NodeBFunction_HsDschResources.nedn_SubNetwork & "/" & nedn_MeContext; ME_NodeBFunction_Sector_Carrier_Prach.nedn_SubNetwork & "/" & nedn_MeContext or ManagedElement_NodeBFunction_Sector_Carrier_Aich.nedn_SubNetwork & "/" & nedn_MeContext or ManagedElement_NodeBFunction_Carrier_Scpch.nedn_SubNetwork & "/" & nedn_MeContext or ME_NodeBFunction_Sector_Carrier_EDchResources.nedn_SubNetwork & "/" & nedn_MeContext or ME_NodeBFunction_HsDschResources.nedn_SubNetwork & "/" & nedn_MeContext	
RNC_Id	A unique identifier for the RNC.	Y	Y	ME_NodeBFunction_Sector_Carrier_Prach.nedn_SubNetwork or ManagedElement_NodeBFunction_Sector_Carrier_Aich.nedn_Sub	

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				bNetwork or ManagedElement_NodeBFunction_Carrier_Sccpch.nedn_SubNetwork or ME_NodeBFunction_Sector_Carrier_EDchResources.nedn_SubNetwork or ME_NodeBFunction_HsDschResources.nedn_SubNetwork; ME_NodeBFunction_Sector_Carrier_Prach.nedn_SubNetwork or ManagedElement_NodeBFunction_Sector_Carrier_Aich.nedn_SubNetwork or ManagedElement_NodeBFunction_Carrier_Sccpch.nedn_SubNetwork or ME_NodeBFunction_Sector_Carrier_EDchResources.nedn_SubNetwork or ME_NodeBFunction_HsDschResources.nedn_SubNetwork
Region_Id	Region of the CDMA Channel / NodeB.	Y	Y	lookup("nc_bsc","region_id",utime(StartDate & StartTime,"%d %b %Y %R"), ME_NodeBFunction_Sector_Carrier_Prach.nedn_SubNetwork) or lookup("nc_bsc","region_id",utime(StartDate & StartTime,"%d %b %Y %R"), ManagedElement_NodeBFunction_Carrier_Sccpch.nedn_SubNetwork) or lookup("nc_bsc","region_id",utime(StartDate & StartTime,"%d %b %Y %R"), ManagedElement_NodeBFunction_Sector_Carrier_Aich.nedn_SubNetwork) or lookup("nc_bsc","region_id",utime(StartDate & StartTime,"%d %b %Y %R"), ME_NodeBFunction_Sector_Carrier_EDchResources.nedn_SubNetwork) or

				<p>lookup("nc_bsc","region_id",utime(StartDate & StartTime,"%d %b %Y %R"), ME_NodeBFunction_HsDschResources.nedn_SubNetwork); lookup("nc_bsc","region_id",utime(StartDate & StartTime,"%d %b %Y %R"), ME_NodeBFunction_Sector_Carrier_Prach.nedn_SubNetwork) or lookup("nc_bsc","region_id",utime(StartDate & StartTime,"%d %b %Y %R"), ManagedElement_NodeBFunction_Carrier_Sccpch.nedn_SubNetwork) or lookup("nc_bsc","region_id",utime(StartDate & StartTime,"%d %b %Y %R"), ManagedElement_NodeBFunction_Sector_Carrier_Aich.nedn_SubNetwork) or lookup("nc_bsc","region_id",utime(StartDate & StartTime,"%d %b %Y %R"), ME_NodeBFunction_Sector_Carrier_EDchResources.nedn_SubNetwork) or lookup("nc_bsc","region_id",utime(StartDate & StartTime,"%d %b %Y %R"), ME_NodeBFunction_HsDschResources.nedn_SubNetwork)</p>
Network_Id	Identifier of the Network / PLMN.	Y	Y	<p>lookup("nc_bsc","network_id",utime(StartDate & StartTime,"%d %b %Y %R"), ME_NodeBFunction_Sector_Carrier_Prach.nedn_SubNetwork) or lookup("nc_bsc","network_id",utime(StartDate & StartTime,"%d</p>

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			<p>%b %Y %R"), ManagedElement_NodeBFunction_Carrier_Sccpch.nedn_SubNetwork) or lookup("nc_bsc","network_id",utime(StartDate & StartTime,"%d %b %Y %R"), ManagedElement_NodeBFunction_Sector_Carrier_Aich.nedn_SubNetwork) or lookup("nc_bsc","network_id",utime(StartDate & StartTime,"%d %b %Y %R"), ME_NodeBFunction_Sector_Carrier_EDchResources.nedn_SubNetwork) or lookup("nc_bsc","network_id",utime(StartDate & StartTime,"%d %b %Y %R"), ME_NodeBFunction_HsDschResources.nedn_SubNetwork); lookup("nc_bsc","network_id",utime(StartDate & StartTime,"%d %b %Y %R"), ME_NodeBFunction_Sector_Carrier_Prach.nedn_SubNetwork) or lookup("nc_bsc","network_id",utime(StartDate & StartTime,"%d %b %Y %R"), ManagedElement_NodeBFunction_Carrier_Sccpch.nedn_SubNetwork) or lookup("nc_bsc","network_id",utime(StartDate & StartTime,"%d %b %Y %R"), ManagedElement_NodeBFunction_Sector_Carrier_Aich.nedn_SubNetwork) or lookup("nc_bsc","network_id",utime(StartDate & StartTime,"%d %b %Y %R"), ME_NodeBFunction_Sector_Carrier_EDchResources.nedn_SubNetwork) or lookup("nc_bsc","network_id",utime(StartDate & StartTime,"%d</p>
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				%b %Y %R"), ME_NodeBFunction_HsDschResources.nedn_SubNetwork)
Configuration Attributes				
CDMA_Channel_Name	A user friendly name preferably unique for the CDMA Channel.			ME_NodeBFunction_Sector_Carrier_Prach.nedn_SubNetwork & "/" & nedn_MeContext & "/" & moid_Sector & "/" & moid_Carrier & "/Prach_" & moid_Prach or ManagedElement_NodeBFunction_Sector_Carrier_Aich.nedn_SubNetwork & "/" & nedn_MeContext & "/" & moid_Sector & "/" & moid_Carrier & "/Aich_" & moid_Aich or ManagedElement_NodeBFunction_Carrier_Sccpch.nedn_SubNetwork & "/" & nedn_MeContext & "/" & moid_Sector & "/" & moid_Carrier & "/Sccpch_" & moid_Sccpch or ME_NodeBFunction_Sector_Carrier_EDchResources.nedn_SubNetwork & "/" & nedn_MeContext & "/" & moid_Sector & "/" & moid_Carrier & "/EDch_" & moid_EDchResources or ME_NodeBFunction_HsDschResources.nedn_SubNetwork & "/" & nedn_MeContext & "/" & moid_Sector & "/" & moid_Carrier & "/HsDsch_" & moid_HsDschResources; ME_NodeBFunction_Sector_Carrier_Prach.nedn_SubNetwork & "/" & nedn_MeContext & "/" & moid_Sector & "/" & moid_Carrier & "/Prach_" &

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				<p>moid_Prach or ManagedElement_NodeBFunction_Sector_Carrier_Aich.nedn_SubNetwork & "/" & nedn_MeContext & "/" & moid_Sector & "/" & moid_Carrier & "/Aich_" & moid_Aich or ManagedElement_NodeBFunction_Carrier_Sccpch.nedn_SubNetwork & "/" & nedn_MeContext & "/" & moid_Sector & "/" & moid_Carrier & "/Sccpch_" & moid_Sccpch or ME_NodeBFunction_Sector_Carrier_EDchResources.nedn_SubNetwork & "/" & nedn_MeContext & "/" & moid_Sector & "/" & moid_Carrier & "/EDch_" & moid_EDchResources or ME_NodeBFunction_HsDschResources.nedn_SubNetwork & "/" & nedn_MeContext & "/" & moid_Sector & "/" & moid_Carrier & "/HsDsch_" & moid_HsDschResources</p>	
CDMA_Channel_Number	Designated CDMA Channel number.			No mapping; No mapping	
CDMA_Channel_Type	Type of CDMA Channel.			<p>ME_NodeBFunction_Sector_Carrier_Prach."PRACH" or ManagedElement_NodeBFunction_Sector_Carrier_Aich."AICH" or ManagedElement_NodeBFunction_Carrier_Sccpch."SCCPCH" or ME_NodeBFunction_Sector_Carrier_EDchResources."EDch" or ME_NodeBFunction_HsDschResources."HSDSCH"; ME_NodeBFunction_Sector_Carrier_Prach."PRACH" or ManagedElement_NodeBFunction_Sector_Carrier_Aich."AICH" or ManagedElement_NodeBFunction</p>	

				n_Carrier_Sccpch."SCCPCH" or ME_NodeBFunction_Sector_Carrier_EDchResources."EDch" or ME_NodeBFunction_HsDschResources."HSDSCH"
CDMA_Channel_Version	Hardware/Software version of the CDMA Channel.			ME_NodeBFunction_Sector_Carrier_Prach."P7.1" or ManagedElement_NodeBFunction_Sector_Carrier_Aich."P7.1" or ManagedElement_NodeBFunction_Carrier_Sccpch."P7.1" or ME_NodeBFunction_Sector_Carrier_EDchResources."P7.1" or ME_NodeBFunction_HsDschResources."P7.1"; ME_NodeBFunction_Sector_Carrier_Prach."P7.1" or ManagedElement_NodeBFunction_Sector_Carrier_Aich."P7.1" or ManagedElement_NodeBFunction_Carrier_Sccpch."P7.1" or ME_NodeBFunction_Sector_Carrier_EDchResources."P7.1" or ME_NodeBFunction_HsDschResources."P7.1"
Technology	Technology of the network/element (e.g. UMTS).			ME_NodeBFunction_Sector_Carrier_Prach."UMTS" or ManagedElement_NodeBFunction_Carrier_Sccpch."UMTS" or ManagedElement_NodeBFunction_Sector_Carrier_Aich."UMTS" or ME_NodeBFunction_Sector_Carrier_EDchResources."UMTS" or ME_NodeBFunction_HsDschResources."UMTS" ; ME_NodeBFunction_Sector_Carrier_Prach."UMTS" or ManagedElement_NodeBFunction_Carrier_Sccpch."UMTS" or

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				ManagedElement_NodeBFunction_Sector_Carrier_Aich."UMTS" or ME_NodeBFunction_Sector_Carrier_EDchResources."UMTS" or ME_NodeBFunction_HsDschResources."UMTS"
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5.13 Cell details

In the network hierarchy, the immediate parents of the Cell object are: BS, LAC, PCU, Registration_Area and Routing_Area.

Attribute Name	Description	Read - Only ?	Time-Track ed?	Mapping	Aggrega tor
Primary Identifier					
Cell_Id	A unique identifier for the Cell.	Y		ManagedElement_RncFunction_UtranCell.moid_UtranCell or ManagedElement_RncFunction_UtranCell_GsmRelation.moid_UtranCell or ManagedElement_RncFunction_UtranCell_UtranRelation.moid_UtranCell; ManagedElement_RncFunction_UtranCell.moid_UtranCell or ManagedElement_RncFunction_UtranCell_GsmRelation.moid_UtranCell or ManagedElement_RncFunction_UtranCell_UtranRelation.moid_UtranCell; UtranCell.UtranCell_id	
Relationship Attributes					
BSC_Id	A unique identifier for the BSC.	Y	Y	ManagedElement_RncFunction_UtranCell.nedn_SubNetwork or ManagedElement_RncFunction_UtranCell_GsmRelation.nedn_SubNetwork or ManagedElement_RncFunction_	

				UtranCell_UtranRelation.nedn_SubNetwork; ManagedElement_RncFunction_UtranCell.nedn_SubNetwork or ManagedElement_RncFunction_UtranCell_GsmRelation.nedn_SubNetwork or ManagedElement_RncFunction_UtranCell_UtranRelation.nedn_SubNetwork; UtranCell.utranCellIubLink_MeContext
BS_Id	A unique identifier for the BS at which the Cell is located. The BS at which the cell is located.	Y	Y	ManagedElement_RncFunction_UtranCell.nedn_SubNetwork & "/" & nedn_MeContext_NodeB or ManagedElement_RncFunction_UtranCell_GsmRelation.nedn_SubNetwork & "/" & nedn_MeContext_NodeB or ManagedElement_RncFunction_UtranCell_UtranRelation.nedn_SubNetwork & "/" & nedn_MeContext_NodeB; ManagedElement_RncFunction_UtranCell.nedn_SubNetwork & "/" & nedn_MeContext_NodeB or ManagedElement_RncFunction_UtranCell_GsmRelation.nedn_SubNetwork & "/" & nedn_MeContext_NodeB or ManagedElement_RncFunction_UtranCell_UtranRelation.nedn_SubNetwork & "/" & nedn_MeContext_NodeB; UtranCell.utranCellIubLink_MeContext & "/" & substr(utranCellIubLink_IubLink,-1,4)

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GPRS_Cell_Id	A unique identifier for the Cell.	Y	Y	No mapping; No mapping; No mapping	
LAC_Id	The Location Area Code encompassing the Cell.	Y	Y	UtranCell.lac	
MSC_Id	A unique identifier for the MSC.	Y	Y	lookup("nc_bsc","msc_id",utime (StartDate & StartTime,"%d %b %Y %R"), ManagedElement_RncFunction_UtranCell.nedn_SubNetwork) or lookup("nc_bsc","msc_id",utime (StartDate & StartTime,"%d %b %Y %R"), ManagedElement_RncFunction_UtranCell_GsmRelation.nedn_SubNetwork) or lookup("nc_bsc","msc_id",utime (StartDate & StartTime,"%d %b %Y %R"), ManagedElement_RncFunction_UtranCell_UtranRelation.nedn_SubNetwork); lookup("nc_bsc","msc_id",utime (StartDate & StartTime,"%d %b %Y %R"), ManagedElement_RncFunction_UtranCell.nedn_SubNetwork) or lookup("nc_bsc","msc_id",utime (StartDate & StartTime,"%d %b %Y %R"), ManagedElement_RncFunction_UtranCell_GsmRelation.nedn_SubNetwork) or lookup("nc_bsc","msc_id",utime (StartDate & StartTime,"%d %b %Y %R"), ManagedElement_RncFunction_UtranCell_UtranRelation.nedn_SubNetwork); lookup("nc_bsc","msc_id",now(), utranCellIubLink_MeContext)	
NSVC_Id	A unique identifier for the NSVC.	Y	Y	No mapping; No mapping; No mapping	
Network_Id	Network associated with	Y	Y	ManagedElement_RncFunction_	

	the Cell.			UtranCell.NETWORK_ID or ManagedElement_RncFunction_UtranCell_GsmRelation.NETWORK_ID or ManagedElement_RncFunction_UtranCell_UtranRelation.NETWORK_ID; ManagedElement_RncFunction_UtranCell.NETWORK_ID or ManagedElement_RncFunction_UtranCell_GsmRelation.NETWORK_ID or ManagedElement_RncFunction_UtranCell_UtranRelation.NETWORK_ID; lookup("nc_bsc","network_id",now(),utranCellIubLink_MeContext)	
PCU_Id	A unique identifier for the PCU.	Y	Y	No mapping; No mapping; No mapping	
Region_Id	Region associated with the Cell.	Y	Y	ManagedElement_RncFunction_UtranCell.REGION_ID or ManagedElement_RncFunction_UtranCell_GsmRelation.REGION_ID or ManagedElement_RncFunction_UtranCell_UtranRelation.REGION_ID; ManagedElement_RncFunction_UtranCell.REGION_ID or ManagedElement_RncFunction_UtranCell_GsmRelation.REGION_ID or ManagedElement_RncFunction_UtranCell_UtranRelation.REGION_ID; lookup("nc_bsc","region_id",now(),utranCellIubLink_MeContext)	

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Registration_Area_Id	A unique identifier for the Registration_Area.	Y	Y	No mapping; No mapping; No mapping	
Routing_Area_Id	A unique identifier for the Routing_Area.	Y	Y	No mapping; No mapping; UtranCell.lac & "/" & rac	
SGSN_Id	A unique identifier for the SGSN.	Y	Y	lookup("nc_bsc","sgsn_id",utime(StartDate & StartTime,"%d %b %Y %R"), ManagedElement_RncFunction_UtranCell.nedn_SubNetwork) or lookup("nc_bsc","sgsn_id",utime(StartDate & StartTime,"%d %b %Y %R"), ManagedElement_RncFunction_UtranCell_GsmRelation.nedn_SubNetwork) or lookup("nc_bsc","sgsn_id",utime(StartDate & StartTime,"%d %b %Y %R"), ManagedElement_RncFunction_UtranCell_UtranRelation.nedn_SubNetwork); lookup("nc_bsc","sgsn_id",utime(StartDate & StartTime,"%d %b %Y %R"), ManagedElement_RncFunction_UtranCell.nedn_SubNetwork) or lookup("nc_bsc","sgsn_id",utime(StartDate & StartTime,"%d %b %Y %R"), ManagedElement_RncFunction_UtranCell_GsmRelation.nedn_SubNetwork) or lookup("nc_bsc","sgsn_id",utime(StartDate & StartTime,"%d %b %Y %R"), ManagedElement_RncFunction_UtranCell_UtranRelation.nedn_SubNetwork); lookup("nc_bsc","sgsn_id",now(),utranCellIubLink_MeContext)	
UMTS_Cell_Id	A unique identifier for the Cell.	Y	Y	ManagedElement_RncFunction_UtranCell.moid_UtranCell or ManagedElement_RncFunction_UtranCell_GsmRelation.moid_U	

				tranCell or ManagedElement_RncFunction_UtranCell_UtranRelation.moid_UtranCell; ManagedElement_RncFunction_UtranCell.moid_UtranCell or ManagedElement_RncFunction_UtranCell_GsmRelation.moid_UtranCell or ManagedElement_RncFunction_UtranCell_UtranRelation.moid_UtranCell; UtranCell.UtranCell_id
Configuration Attributes				
Cell_Name	A user friendly name preferably unique for the Cell.			ManagedElement_RncFunction_UtranCell.moid_UtranCell or ManagedElement_RncFunction_UtranCell_GsmRelation.moid_UtranCell or ManagedElement_RncFunction_UtranCell_UtranRelation.moid_UtranCell; ManagedElement_RncFunction_UtranCell.moid_UtranCell or ManagedElement_RncFunction_UtranCell_GsmRelation.moid_UtranCell or ManagedElement_RncFunction_UtranCell_UtranRelation.moid_UtranCell; UtranCell.userLabel
BCH_Power	Broadcast channel power.			No mapping; No mapping; UtranCell.bchPower
BVC_Id	A unique identifier for the BVC.			No mapping; No mapping; No mapping
Cell_Description	Description of Cell.			No mapping; No mapping; No mapping
Cell_Type	Is the cell			ManagedElement_RncFunction_

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	omni_directional, or a sector, or micro/pico/macro/umbrella cell, etc.			UtranCell."UMTS" or ManagedElement_RncFunction_UtranCell_GsmRelation."UMTS" or ManagedElement_RncFunction_UtranCell_UtranRelation."UMTS"; ManagedElement_RncFunction_UtranCell."UMTS" or ManagedElement_RncFunction_UtranCell_GsmRelation."UMTS" or ManagedElement_RncFunction_UtranCell_UtranRelation."UMTS"; "UMTS"	
Cell_Version	Hardware/Software version of the Cell.			ManagedElement_RncFunction_UtranCell."P7.1" or ManagedElement_RncFunction_UtranCell_GsmRelation."P7.1" or ManagedElement_RncFunction_UtranCell_UtranRelation."P7.1"; ManagedElement_RncFunction_UtranCell."P7.1" or ManagedElement_RncFunction_UtranCell_GsmRelation."P7.1" or ManagedElement_RncFunction_UtranCell_UtranRelation."P7.1"; "P7.1"	
Dedicated_P DCH	Dedicated Packet Data Channel.			No mapping	
Defined_CCH	Number of defined CCH channels for the Cell.			No mapping	
Defined_PDC H	Designated Packet Data Channel.			No mapping	
Defined_TCH	Number of defined TCH channels of the Cell.			No mapping	
Defined_TRX	Number of defined TRX belonging to the cell.			No mapping	
Max_Power	The bs_tx_pwr_max			No mapping	

	configuration attribute.				
NSVC_CN_Id	A unique identifier for the NSVC CN.			No mapping; No mapping; No mapping	
Primary_Common_Pilot_Channel_Power	Primary CPICH channel power.			No mapping; No mapping; UtranCell.primaryCpichPower	
Primary_Scrambling_Code	Primary DL scrambling code.			No mapping; No mapping; UtranCell.primaryScramblingCode	
Primary_Sync_Channel_Power	Primary synchronisation channel power, DL.			No mapping; No mapping; UtranCell.primarySchPower	
Secondary_Sync_Channel_Power	Secondary synchronisation channel power, DL.			No mapping; No mapping; UtranCell.secondarySchPower	
Segment_Id	A unique identifier for the Segment.			No mapping; No mapping; No mapping	
Technology	Technology of the network/element (e.g. GSM, GPRS, UMTS).			ManagedElement_RncFunction_UtranCell."UMTS" or ManagedElement_RncFunction_UtranCell_GsmRelation."UMTS" or ManagedElement_RncFunction_UtranCell_UtranRelation."UMTS"; ManagedElement_RncFunction_UtranCell."UMTS" or ManagedElement_RncFunction_UtranCell_GsmRelation."UMTS" or ManagedElement_RncFunction_UtranCell_UtranRelation."UMTS"; "UMTS"	
UTRAN_Absolute_Radio_Freq_DL	DL UTRAN absolute Radio Frequency Channel number.			No mapping; No mapping; UtranCell.uarfcnDl	

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UTRAN_Absolute_Radio_Freq_UL	UL UTRAN absolute Radio Frequency Channel number.			No mapping; No mapping; UtranCell.uarfcnUl	
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5.14 DC_SP_Device details

In the network hierarchy, the immediate parent of the DC_SP_Device object is RNC.

Attribute Name	Description	Read - Only ?	Time-Track ed?	Mapping	Aggrega tor
Primary Identifier					
DC_SP_Device_Id	The primary identifier of the DC_SP_Device.	Y		ME_Eqpt_SpDevicePool_DcDevice.nedn_SubNetwork & "/" & moid_Equipment & "/" & moid_SpDevicePool & "/DC-" & moid_DcDevice; ME_Eqpt_SpDevicePool_DcDevice.nedn_SubNetwork & "/" & moid_Equipment & "/" & moid_SpDevicePool & "/DC-" & moid_DcDevice	
Relationship Attributes					
RNC_Id	RNC in a UTRAN network.	Y	Y	ME_Eqpt_SpDevicePool_DcDevice.nedn_SubNetwork; ME_Eqpt_SpDevicePool_DcDevice.nedn_SubNetwork	
Network_Id	Network associated with the DC SP Device.	Y	Y	lookup("nc_bsc","network_id", utime(StartDate & StartTime,"%d %b %Y %R"), nedn_SubNetwork); lookup("nc_bsc","network_id", utime(StartDate & StartTime,"%d %b %Y %R"), nedn_SubNetwork)	
Region_Id	Region associated with the DC SP Device.	Y	Y	lookup("nc_bsc","region_id", utime(StartDate & StartTime,"%d %b %Y %R"), nedn_SubNetwork); lookup("nc_bsc","region_id", utime(StartDate & StartTime,"%d	

				%b %Y %R"), nedn_SubNetwork)	
Configuration Attributes					
DC_SP_Device_Name	The meaningful name of the DC_SP_Device			ME_Eqpt_SpDevicePool_DcDevice.nedn_SubNetwork & "/" & moid_Equipment & "/" & moid_SpDevicePool & "/DC-" & moid_DcDevice; ME_Eqpt_SpDevicePool_DcDevice.nedn_SubNetwork & "/" & moid_Equipment & "/" & moid_SpDevicePool & "/DC-" & moid_DcDevice	
Technology	Technology of the network/element (e.g. GSM, GPRS, UMTS).			"UMTS"; "UMTS"	
Version	Hardware/Software version of the DC SP Device.			"P7.1"; "P7.1"	

5.15 DchFrameSynch details

In the network hierarchy, the immediate parent of the DchFrameSynch object is RNC.

Attribute Name	Description	Read - Only ?	Time-Track ed?	Mapping	Aggrega tor
Primary Identifier					
DchFrameSynch_Id	A unique identifier for the DchFrameSynch.	Y		ManagedElement_RncFunction_DchFrameSynch.nedn_SubNetwork & "/" & moid_DchFrameSynch; ManagedElement_RncFunction_DchFrameSynch.nedn_SubNetwork & "/" & moid_DchFrameSynch	

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Relationship Attributes					
RNC_Id	A unique identifier for the RNC.	Y	Y	ManagedElement_RncFunction_DchFrameSynch.nedn_SubNetwork; ManagedElement_RncFunction_DchFrameSynch.nedn_SubNetwork	
Region_Id	Region of the DchFrameSynch / RNC.	Y	Y	lookup("nc_bsc","region_id",utime(ManagedElement_RncFunction_DchFrameSynch.StartDate & StartTime,"%d %b %Y %R"), nedn_SubNetwork); lookup("nc_bsc","region_id",utime(ManagedElement_RncFunction_DchFrameSynch.StartDate & StartTime,"%d %b %Y %R"), nedn_SubNetwork)	
Network_Id	Identifier of the Network / PLMN.	Y	Y	lookup("nc_bsc","network_id", utime(ManagedElement_RncFunction_DchFrameSynch.StartDate & StartTime,"%d %b %Y %R"), nedn_SubNetwork); lookup("nc_bsc","network_id", utime(ManagedElement_RncFunction_DchFrameSynch.StartDate & StartTime,"%d %b %Y %R"), nedn_SubNetwork)	
Configuration Attributes					
DchFrameSynch_Name	A user friendly name preferably unique for the DchFrameSynch.			ManagedElement_RncFunction_DchFrameSynch.nedn_SubNetwork & "/" & moid_DchFrameSynch; ManagedElement_RncFunction_DchFrameSynch.nedn_SubNetwork & "/" & moid_DchFrameSynch	
Version	Hardware/Software version of the object that manage the DchFrameSynch.			"P7.1"; "P7.1"	
Technology	Technology of the			"UMTS"; "UMTS"	

	network/element (e.g. GSM, GPRS, UMTS).				
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5.16 Downlink_Baseband_Pool details

In the network hierarchy, the immediate parent of the Downlink_Baseband_Pool object is NodeB.

Attribute Name	Description	Read - Only ?	Time-Track ed?	Mapping	Aggrega tor
Primary Identifier					
DownlinkBB_Pool_Id	A unique identifier for the Downlink BaseBand Pool.	Y		NodeB_DLBasebandPool.nedn_SubNetwork & "/" & nedn_MeContext & "/" & moid_Equipment & "/" & moid_Subrack & "/" & moid_DownlinkBaseBandPool; NodeB_DLBasebandPool.nedn_SubNetwork & "/" & nedn_MeContext & "/" & moid_Equipment & "/" & moid_Subrack & "/" & moid_DownlinkBaseBandPool	
Relationship Attributes					
RNC_Id	The RNC associated to the NodeB which houses the Downlink Baseband Pool hardware.	Y	Y	NodeB_DLBasebandPool.nedn_SubNetwork; NodeB_DLBasebandPool.nedn_SubNetwork	
NodeB_Id	The associated NodeB which houses the Downlink Baseband Pool hardware.	Y	Y	NodeB_DLBasebandPool.nedn_SubNetwork & "/" & nedn_MeContext; NodeB_DLBasebandPool.nedn_SubNetwork & "/" & nedn_MeContext	
Network_Id	The network associated with the object.	Y	Y	lookup("nc_bsc","network_id",u time(StartDate & StartTime,"%d	

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				%b %Y %R"), nedn_SubNetwork); lookup("nc_bsc","network_id",u time(StartDate & StartTime,"%d %b %Y %R"), nedn_SubNetwork)	
Region_Id	Region associated with the object.	Y	Y	lookup("nc_bsc","region_id",uti me(StartDate & StartTime,"%d %b %Y %R"), nedn_SubNetwork); lookup("nc_bsc","region_id",uti me(StartDate & StartTime,"%d %b %Y %R"), nedn_SubNetwork)	
Configuration Attributes					
DownlinkBB_ Pool_Name	A user friendly name preferably unique for the Downlink BaseBand Pool.			NodeB_DLBasebandPool.nedn_ SubNetwork & "/" & nedn_MeContext & "/" & moid_Equipment & "/" & moid_Subrack & "/" & moid_DownlinkBaseBandPool; NodeB_DLBasebandPool.nedn_ SubNetwork & "/" & nedn_MeContext & "/" & moid_Equipment & "/" & moid_Subrack & "/" & moid_DownlinkBaseBandPool	
Technology	Technology of the network/element (e.g. GSM, GPRS, UMTS).			"UMTS"; "UMTS"	
Version	Hardware/Software version of the Downlink Baseband Pool.			"P7.1"; "P7.1"	
CE_License	License associated with the Downlink Baseband Pool			No mapping; No mapping	

5.17 E1_Phys_Path_Term details

In the network hierarchy, the immediate parent of the E1_Phys_Path_Term object is Plug_In_Unit.

Attribute	Description	Read	Time-	Mapping	Aggrega
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Name		- Only ?	Track ed?		tor
Primary Identifier					
Phys_Path_Term_Id	A unique identifier for the E1 or T1 physical link in the UTRAN network.	Y		RNC_E1_T1_J1_PHYSICAL_LINK.nedn_SubNetwork & "/" & moid_Equipment & "/" & moid_Subrack & "/" & moid_Slot & "/" & moid_PlugInUnit & "/" & moid_ExchangeTerminal & "/" & moid_E1PhysPathTerm or NODEB_E1_T1_J1_PHYSICAL_LINK.nedn_SubNetwork & "/" & nedn_MeContext & "/" & moid_Equipment & "/" & moid_Subrack & "/" & moid_Slot & "/" & moid_PlugInUnit & "/" & moid_ExchangeTerminal & "/" & moid_E1PhysPathTerm or RXI_E1_T1_J1_PHYSICAL_LINK.nedn_SubNetwork & "/" & nedn_MeContext & "/" & moid_Equipment & "/" & moid_Subrack & "/" & moid_Slot & "/" & moid_PlugInUnit & "/" & moid_ExchangeTerminal & "/" & moid_E1PhysPathTerm; RNC_E1_T1_J1_PHYSICAL_LINK.nedn_SubNetwork & "/" & moid_Equipment & "/" & moid_Subrack & "/" & moid_Slot & "/" & moid_PlugInUnit & "/" & moid_ExchangeTerminal & "/" & moid_E1PhysPathTerm or NODEB_E1_T1_J1_PHYSICAL_LINK.nedn_SubNetwork &	

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				"/" & nedn_MeContext & "/" & moid_Equipment & "/" & moid_Subrack & "/" & moid_Slot & "/" & moid_PlugInUnit & "/" & moid_ExchangeTerminal & "/" & & moid_E1PhysPathTerm or RXI_E1_T1_J1_PHYSICAL_LINK.nedn_SubNetwork & "/" & nedn_MeContext & "/" & moid_Equipment & "/" & moid_Subrack & "/" & moid_Slot & "/" & moid_PlugInUnit & "/" & moid_ExchangeTerminal & "/" & & moid_E1PhysPathTerm
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Relationship Attributes

Plug_In_Unit_Id	Equipment Plug in Unit in a UTRAN network.	Y	Y	RNC_E1_T1_J1_PHYSICAL_LINK.nedn_SubNetwork & "/" & moid_Equipment & "/" & moid_Subrack & "/" & moid_Slot & "/" & moid_PlugInUnit or NODEB_E1_T1_J1_PHYSICAL_LINK.nedn_SubNetwork & "/" & nedn_MeContext & "/" & moid_Equipment & "/" & moid_Subrack & "/" & moid_Slot & "/" & moid_PlugInUnit or RXI_E1_T1_J1_PHYSICAL_LINK.nedn_SubNetwork & "/" & nedn_MeContext & "/" & moid_Equipment & "/" & moid_Subrack & "/" & moid_Slot & "/" & moid_PlugInUnit; RNC_E1_T1_J1_PHYSICAL_LINK.nedn_SubNetwork & "/" & moid_Equipment & "/" & moid_Subrack & "/" & moid_Slot & "/" & moid_PlugInUnit or NODEB_E1_T1_J1_PHYSICAL_LINK.nedn_SubNetwork &
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				"/" & nedn_MeContext & "/" & moid_Equipment & "/" & moid_Subrack & "/" & moid_Slot & "/" & moid_PlugInUnit or RXI_E1_T1_J1_PHYSICAL_LINK.nedn_SubNetwork & "/" & nedn_MeContext & "/" & moid_Equipment & "/" & moid_Subrack & "/" & moid_Slot & "/" & moid_PlugInUnit
Region_Id	Region associated with the E1 Phys Path Term.	Y	Y	lookup("nc_bsc","region_id",time(StartDate & StartTime,"%d %b %Y %R"), RNC_E1_T1_J1_PHYSICAL_LINK.nedn_SubNetwork) or lookup("nc_bsc","region_id",time(StartDate & StartTime,"%d %b %Y %R"), NODEB_E1_T1_J1_PHYSICAL_LINK.nedn_SubNetwork) or lookup("nc_bsc","region_id",time(StartDate & StartTime,"%d %b %Y %R"), RXI_E1_T1_J1_PHYSICAL_LINK.nedn_SubNetwork); lookup("nc_bsc","region_id",time(StartDate & StartTime,"%d %b %Y %R"), RNC_E1_T1_J1_PHYSICAL_LINK.nedn_SubNetwork) or lookup("nc_bsc","region_id",time(StartDate & StartTime,"%d %b %Y %R"), NODEB_E1_T1_J1_PHYSICAL_LINK.nedn_SubNetwork) or lookup("nc_bsc","region_id",time(StartDate & StartTime,"%d %b %Y %R"),

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				RXI_E1_T1_J1_PHYSICAL_LINK.nedn_SubNetwork)
NodeB_Id	NodeB in a UTRAN network.	Y	Y	NODEB_E1_T1_J1_PHYSICAL_LINK.nedn_SubNetwork & "/" & nedn_MeContext; NODEB_E1_T1_J1_PHYSICAL_LINK.nedn_SubNetwork & "/" & nedn_MeContext
RNC_Id	RNC in a UTRAN network.	Y	Y	RNC_E1_T1_J1_PHYSICAL_LINK.nedn_SubNetwork or NODEB_E1_T1_J1_PHYSICAL_LINK.nedn_SubNetwork or RXI_E1_T1_J1_PHYSICAL_LINK.nedn_SubNetwork; RNC_E1_T1_J1_PHYSICAL_LINK.nedn_SubNetwork or NODEB_E1_T1_J1_PHYSICAL_LINK.nedn_SubNetwork or RXI_E1_T1_J1_PHYSICAL_LINK.nedn_SubNetwork
Network_Id	Network associated with the E1 Phys Path Term.	Y	Y	lookup("nc_bsc","network_id",u time(StartDate & StartTime,"%d %b %Y %R"), RNC_E1_T1_J1_PHYSICAL_LINK.nedn_SubNetwork) or lookup("nc_bsc","network_id",u time(StartDate & StartTime,"%d %b %Y %R"), NODEB_E1_T1_J1_PHYSICAL_LINK.nedn_SubNetwork) or lookup("nc_bsc","network_id",u time(StartDate & StartTime,"%d %b %Y %R"), RXI_E1_T1_J1_PHYSICAL_LINK.nedn_SubNetwork); lookup("nc_bsc","network_id",u time(StartDate & StartTime,"%d %b %Y %R"), RNC_E1_T1_J1_PHYSICAL_LINK.nedn_SubNetwork) or lookup("nc_bsc","network_id",u time(StartDate & StartTime,"%d %b %Y %R"), NODEB_E1_T1_J1_PHYSICAL

				L_LINK.nedn_SubNetwork) or lookup("nc_bsc","network_id",u time(StartDate & StartTime,"%d %b %Y %R"), RXI_E1_T1_J1_PHYSICAL_LINK.nedn_SubNetwork)
Configuration Attributes				
Phys_Path_Term_Name	A user friendly name preferably unique for Phys Path Term.			RNC_E1_T1_J1_PHYSICAL_LINK.nedn_SubNetwork & "/" & moid_Equipment & "/" & moid_Subrack & "/" & moid_Slot & "/" & moid_PlugInUnit & "/" & moid_ExchangeTerminal & "/" & moid_E1PhysPathTerm or NODEB_E1_T1_J1_PHYSICAL_LINK.nedn_SubNetwork & "/" & nedn_MeContext & "/" & moid_Equipment & "/" & moid_Subrack & "/" & moid_Slot & "/" & moid_PlugInUnit & "/" & moid_ExchangeTerminal & "/" & moid_E1PhysPathTerm or RXI_E1_T1_J1_PHYSICAL_LINK.nedn_SubNetwork & "/" & nedn_MeContext & "/" & moid_Equipment & "/" & moid_Subrack & "/" & moid_Slot & "/" & moid_PlugInUnit & "/" & moid_ExchangeTerminal & "/" & moid_E1PhysPathTerm; RNC_E1_T1_J1_PHYSICAL_LINK.nedn_SubNetwork & "/" & moid_Equipment & "/" & moid_Subrack & "/" & moid_Slot & "/" & moid_PlugInUnit & "/" & moid_ExchangeTerminal & "/"

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				& moid_E1PhysPathTerm or NODEB_E1_T1_J1_PHYSICA L_LINK.nedn_SubNetwork & "/" & nedn_MeContext & "/" & moid_Equipment & "/" & moid_Subrack & "/" & moid_Slot & "/" & moid_PlugInUnit & "/" & moid_ExchangeTerminal & "/" & moid_E1PhysPathTerm or RXI_E1_T1_J1_PHYSICAL_L INK.nedn_SubNetwork & "/" & nedn_MeContext & "/" & moid_Equipment & "/" & moid_Subrack & "/" & moid_Slot & "/" & moid_PlugInUnit & "/" & moid_ExchangeTerminal & "/" & moid_E1PhysPathTerm	
Node_Type	Type of Node.			RNC_E1_T1_J1_PHYSICAL_ LINK."RNC" or NODEB_E1_T1_J1_PHYSICA L_LINK."NodeB" or RXI_E1_T1_J1_PHYSICAL_L INK."RXI" ; RNC_E1_T1_J1_PHYSICAL_ LINK."RNC" or NODEB_E1_T1_J1_PHYSICA L_LINK."NodeB" or RXI_E1_T1_J1_PHYSICAL_L INK."RXI"	
Node_Id	The unique identifier for the node this object is connected to.			No mapping; No mapping	
Node_Name	A user friendly name for this node the object is connected to.			No mapping; No mapping	
Version	Hardware/Software version of the E1 Phys Path Term.			RNC_E1_T1_J1_PHYSICAL_ LINK."P7.1" or NODEB_E1_T1_J1_PHYSICA L_LINK."P7.1" or RXI_E1_T1_J1_PHYSICAL_L INK."P7.1";	

				RNC_E1_T1_J1_PHYSICAL_LINK."P7.1" or NODEB_E1_T1_J1_PHYSICAL_LINK."P7.1" or RXI_E1_T1_J1_PHYSICAL_LINK."P7.1"
Technology	Technology of the network/element (e.g. GSM, GPRS, UMTS).			RNC_E1_T1_J1_PHYSICAL_LINK."UMTS" or NODEB_E1_T1_J1_PHYSICAL_LINK."UMTS" or RXI_E1_T1_J1_PHYSICAL_LINK."UMTS"; RNC_E1_T1_J1_PHYSICAL_LINK."UMTS" or NODEB_E1_T1_J1_PHYSICAL_LINK."UMTS" or RXI_E1_T1_J1_PHYSICAL_LINK."UMTS"

5.18 E1Ttp details

In the network hierarchy, the immediate parent of the E1Ttp object is VC12_TP.

Attribute Name	Description	Read - Only ?	Time-Track ed?	Mapping	Aggrega tor
Primary Identifier					
E1Ttp_Id	A unique identifier for the SDH VC4 termination point.	Y		RNC_E1Ttp.nedn_SubNetwork & "/" & moid_Equipment & "/" & moid_Subrack & "/" & moid_Slot & "/" & moid_PlugInUnit & "/" & moid_ExchangeTerminal & "/" & moid_Os155SpiTtp & "/" & moid_Vc4Ttp & "/" & moid_Vc12Ttp & "/" & moid_E1Ttp or NODEB_E1Ttp.nedn_SubNetw	

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			<p>ork & "/" & nedn_MeContext & "/" & moid_Equipment & "/" & moid_Subrack & "/" & moid_Slot & "/" & moid_PlugInUnit & "/" & moid_ExchangeTerminal & "/" & moid_Os155PhysPathTerm & "/" & moid_Vc4Ttp & "/" & moid_Vc12Ttp & "/" & moid_E1Ttp or RXI_E1Ttp.nedn_SubNetwork & "/" & nedn_MeContext & "/" & moid_Equipment & "/" & moid_Subrack & "/" & moid_Slot & "/" & moid_PlugInUnit & "/" & moid_ExchangeTerminal & "/" & moid_Os155PhysPathTerm & "/" & moid_Vc4Ttp & "/" & moid_Vc12Ttp & "/" & moid_E1Ttp; RNC_E1Ttp.nedn_SubNetwork & "/" & moid_Equipment & "/" & moid_Subrack & "/" & moid_Slot & "/" & moid_PlugInUnit & "/" & moid_ExchangeTerminal & "/" & moid_Os155SpiTtp & "/" & moid_Vc4Ttp & "/" & moid_Vc12Ttp & "/" & moid_E1Ttp or NODEB_E1Ttp.nedn_SubNetwork & "/" & nedn_MeContext & "/" & moid_Equipment & "/" & moid_Subrack & "/" & moid_Slot & "/" & moid_PlugInUnit & "/" & moid_ExchangeTerminal & "/" & moid_Os155PhysPathTerm & "/" & moid_Vc4Ttp & "/" & moid_Vc12Ttp & "/" & moid_E1Ttp or RXI_E1Ttp.nedn_SubNetwork & "/" & nedn_MeContext & "/" & moid_Equipment & "/" & moid_Subrack & "/" &</p>	
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				moid_Slot & "/" & moid_PlugInUnit & "/" & moid_ExchangeTerminal & "/" & & moid_Os155PhysPathTerm & "/" & moid_Vc4Ttp & "/" & moid_Vc12Ttp & "/" & moid_E1Ttp	
Relationship Attributes					
NodeB_Id	NodeB in a UTRAN network.	Y	Y	NODEB_E1Ttp.nedn_SubNetwork & "/" & nedn_MeContext; NODEB_E1Ttp.nedn_SubNetwork & "/" & nedn_MeContext	
Plug_In_Unit_Id	Equipment Plug in Unit in a UTRAN network.	Y	Y	RNC_E1Ttp.nedn_SubNetwork & "/" & moid_Equipment & "/" & & moid_Subrack & "/" & moid_Slot & "/" & moid_PlugInUnit or NODEB_E1Ttp.nedn_SubNetwork & "/" & nedn_MeContext & "/" & & moid_Equipment & "/" & & moid_Subrack & "/" & moid_Slot & "/" & moid_PlugInUnit or RXI_E1Ttp.nedn_SubNetwork & "/" & nedn_MeContext & "/" & & moid_Equipment & "/" & & moid_Subrack & "/" & moid_Slot & "/" & moid_PlugInUnit; RNC_E1Ttp.nedn_SubNetwork & "/" & moid_Equipment & "/" & & moid_Subrack & "/" & moid_Slot & "/" & moid_PlugInUnit or NODEB_E1Ttp.nedn_SubNetwork & "/" & nedn_MeContext & "/" & & moid_Equipment & "/" & & moid_Subrack & "/" & moid_Slot & "/" &	

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				moid_PlugInUnit or RXI_E1Ttp.nedn_SubNetwork & "/" & nedn_MeContext & "/" & moid_Equipment & "/" & moid_Subrack & "/" & moid_Slot & "/" & moid_PlugInUnit	
RNC_Id	RNC in a UTRAN network.	Y	Y	RNC_E1Ttp.nedn_SubNetwork or NODEB_E1Ttp.nedn_SubNetw ork or RXI_E1Ttp.nedn_SubNetwork; RNC_E1Ttp.nedn_SubNetwork or NODEB_E1Ttp.nedn_SubNetw ork or RXI_E1Ttp.nedn_SubNetwork	
OS155_Phys_ Path_Term_Id	SDH Physical Path.	Y	Y	RNC_E1Ttp.nedn_SubNetwork & "/" & moid_Equipment & "/" & moid_Subrack & "/" & moid_Slot & "/" & moid_PlugInUnit & "/" & moid_ExchangeTerminal & "/" & moid_Os155PhysPathTerm or NODEB_E1Ttp.nedn_SubNetw ork & "/" & nedn_MeContext & "/" & moid_Equipment & "/" & moid_Subrack & "/" & moid_Slot & "/" & moid_PlugInUnit & "/" & moid_ExchangeTerminal & "/" & moid_Os155PhysPathTerm or RXI_E1Ttp.nedn_SubNetwork & "/" & nedn_MeContext & "/" & moid_Equipment & "/" & moid_Subrack & "/" & moid_Slot & "/" & moid_PlugInUnit & "/" & moid_ExchangeTerminal & "/" & moid_Os155PhysPathTerm; RNC_E1Ttp.nedn_SubNetwork & "/" & moid_Equipment & "/" & moid_Subrack & "/" & moid_Slot & "/" & moid_PlugInUnit & "/" &	

				moid_ExchangeTerminal & "/" & moid_Os155PhysPathTerm or NODEB_E1Ttp.nedn_SubNetw ork & "/" & nedn_MeContext & "/" & moid_Equipment & "/" & moid_Subrack & "/" & moid_Slot & "/" & moid_PlugInUnit & "/" & moid_ExchangeTerminal & "/" & moid_Os155PhysPathTerm or RXI_E1Ttp.nedn_SubNetwork & "/" & nedn_MeContext & "/" & moid_Equipment & "/" & moid_Subrack & "/" & moid_Slot & "/" & moid_PlugInUnit & "/" & moid_ExchangeTerminal & "/" & moid_Os155PhysPathTerm
VC12_TP_Id	SDH VC12 termination point.	Y	Y	RNC_E1Ttp.nedn_SubNetwork & "/" & moid_ManagedElement & "/" & moid_Equipment & "/" & moid_Subrack & "/" & moid_Slot & "/" & moid_PlugInUnit & "/" & moid_ExchangeTerminal & "/" & moid_Os155PhysPathTerm & "/" & moid_Vc4Ttp & "/" & moid_Vc12Ttp or NODEB_E1Ttp.nedn_SubNetw ork & "/" & nedn_MeContext & "/" & moid_ManagedElement & "/" & moid_Equipment & "/" & moid_Subrack & "/" & moid_Slot & "/" & moid_PlugInUnit & "/" & moid_ExchangeTerminal & "/" & moid_Os155PhysPathTerm & "/" & moid_Vc4Ttp & "/" & moid_Vc12Ttp or RXI_E1Ttp.nedn_SubNetwork

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				& "/" & nedn_MeContext & "/" & moid_ManagedElement & "/" & moid_Equipment & "/" & moid_Subrack & "/" & moid_Slot & "/" & moid_PlugInUnit & "/" & moid_ExchangeTerminal & "/" & moid_Os155PhysPathTerm & "/" & moid_Vc4Ttp & "/" & moid_Vc12Ttp; RNC_E1Ttp.nedn_SubNetwork & "/" & moid_ManagedElement & "/" & moid_Equipment & "/" & moid_Subrack & "/" & moid_Slot & "/" & moid_PlugInUnit & "/" & moid_ExchangeTerminal & "/" & moid_Os155PhysPathTerm & "/" & moid_Vc4Ttp & "/" & moid_Vc12Ttp or NODEB_E1Ttp.nedn_SubNetw ork & "/" & nedn_MeContext & "/" & moid_ManagedElement & "/" & moid_Equipment & "/" & moid_Subrack & "/" & moid_Slot & "/" & moid_PlugInUnit & "/" & moid_ExchangeTerminal & "/" & moid_Os155PhysPathTerm & "/" & moid_Vc4Ttp & "/" & moid_Vc12Ttp or RXI_E1Ttp.nedn_SubNetwork & "/" & nedn_MeContext & "/" & moid_ManagedElement & "/" & moid_Equipment & "/" & moid_Subrack & "/" & moid_Slot & "/" & moid_PlugInUnit & "/" & moid_ExchangeTerminal & "/" & moid_Os155PhysPathTerm & "/" & moid_Vc4Ttp & "/" & moid_Vc12Ttp
VC4_TP_Id	SDH VC4 termination point.	Y	Y	RNC_E1Ttp.nedn_SubNetwork & "/" & moid_ManagedElement & "/" & moid_Equipment & "/"

			<pre> & moid_Subrack & "/" & moid_Slot & "/" & moid_PlugInUnit & "/" & moid_ExchangeTerminal & "/" & moid_Os155PhysPathTerm & "/" & moid_Vc4Ttp or NODEB_E1Ttp.nedn_SubNetw ork & "/" & nedn_MeContext & "/" & moid_Equipment & "/" & moid_Subrack & "/" & moid_Slot & "/" & moid_PlugInUnit & "/" & moid_ExchangeTerminal & "/" & moid_Os155PhysPathTerm & "/" & moid_Vc4Ttp or RXI_E1Ttp.nedn_SubNetwork & "/" & nedn_MeContext & "/" & moid_Equipment & "/" & moid_Subrack & "/" & moid_Slot & "/" & moid_PlugInUnit & "/" & moid_ExchangeTerminal & "/" & moid_Os155PhysPathTerm & "/" & moid_Vc4Ttp; RNC_E1Ttp.nedn_SubNetwork & "/" & moid_ManagedElement & "/" & moid_Equipment & "/" & moid_Subrack & "/" & moid_Slot & "/" & moid_PlugInUnit & "/" & moid_ExchangeTerminal & "/" & moid_Os155PhysPathTerm & "/" & moid_Vc4Ttp or NODEB_E1Ttp.nedn_SubNetw ork & "/" & nedn_MeContext & "/" & moid_Equipment & "/" & moid_Subrack & "/" & moid_Slot & "/" & moid_PlugInUnit & "/" & moid_ExchangeTerminal & "/" & moid_Os155PhysPathTerm & </pre>	
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				"/" & moid_Vc4Ttp or RXI_E1Ttp.nedn_SubNetwork & "/" & nedn_MeContext & "/" & moid_Equipment & "/" & moid_Subrack & "/" & moid_Slot & "/" & moid_PlugInUnit & "/" & moid_ExchangeTerminal & "/" & moid_Os155PhysPathTerm & "/" & moid_Vc4Ttp	
Network_Id	Network associated with the E1Ttp.	Y	Y	lookup("nc_bsc","network_id",u time(StartDate & StartTime,"%d %b %Y %R"), RNC_E1Ttp.nedn_SubNetwork) or lookup("nc_bsc","network_id",u time(StartDate & StartTime,"%d %b %Y %R"), NODEB_E1Ttp.nedn_SubNetw ork) or lookup("nc_bsc","network_id",u time(StartDate & StartTime,"%d %b %Y %R"), RXI_E1Ttp.nedn_SubNetwork); lookup("nc_bsc","network_id",u time(StartDate & StartTime,"%d %b %Y %R"), RNC_E1Ttp.nedn_SubNetwork) or lookup("nc_bsc","network_id",u time(StartDate & StartTime,"%d %b %Y %R"), NODEB_E1Ttp.nedn_SubNetw ork) or lookup("nc_bsc","network_id",u time(StartDate & StartTime,"%d %b %Y %R"), RXI_E1Ttp.nedn_SubNetwork)	
Region_Id	Region associated with the E1Ttp.	Y	Y	lookup("nc_bsc","region_id",uti me(StartDate & StartTime,"%d %b %Y %R"), RNC_E1Ttp.nedn_SubNetwork) or lookup("nc_bsc","region_id",uti me(StartDate & StartTime,"%d	

				<pre> %b %Y %R"), NODEB_E1Ttp.nedn_SubNetwork) or lookup("nc_bsc","region_id",time(StartDate & StartTime,"%d %b %Y %R"), RXI_E1Ttp.nedn_SubNetwork); lookup("nc_bsc","region_id",time(StartDate & StartTime,"%d %b %Y %R"), RNC_E1Ttp.nedn_SubNetwork) or lookup("nc_bsc","region_id",time(StartDate & StartTime,"%d %b %Y %R"), NODEB_E1Ttp.nedn_SubNetwork) or lookup("nc_bsc","region_id",time(StartDate & StartTime,"%d %b %Y %R"), RXI_E1Ttp.nedn_SubNetwork) </pre>
Configuration Attributes				
E1Ttp_Name	A user friendly name preferably unique for the E1Ttp.			<pre> RNC_E1Ttp.nedn_SubNetwork & "/" & moid_Equipment & "/" & moid_Subrack & "/" & moid_Slot & "/" & moid_PlugInUnit & "/" & moid_ExchangeTerminal & "/" & moid_Os155PhysPathTerm & "/" & Moid_Vc4Ttp & "/" & moid_Vc12Ttp & "/" & moid_E1Ttp or NODEB_E1Ttp.nedn_SubNetwork & "/" & nedn_MeContext & "/" & moid_Equipment & "/" & moid_Subrack & "/" & moid_Slot & "/" & moid_PlugInUnit & "/" & moid_ExchangeTerminal & "/" & moid_Os155PhysPathTerm & </pre>

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			<p>"/" & Moid_Vc4Ttp & "/" & moid_Vc12Ttp & "/" & moid_E1Ttp or RXI_E1Ttp.nedn_SubNetwork & "/" & nedn_MeContext & "/" & moid_Equipment & "/" & moid_Subrack & "/" & moid_Slot & "/" & moid_PlugInUnit & "/" & moid_ExchangeTerminal & "/" & moid_Os155PhysPathTerm & "/" & Moid_Vc4Ttp & "/" & moid_Vc12Ttp & "/" & moid_E1Ttp; RNC_E1Ttp.nedn_SubNetwork & "/" & moid_Equipment & "/" & moid_Subrack & "/" & moid_Slot & "/" & moid_PlugInUnit & "/" & moid_ExchangeTerminal & "/" & moid_Os155PhysPathTerm & "/" & Moid_Vc4Ttp & "/" & moid_Vc12Ttp & "/" & moid_E1Ttp or NODEB_E1Ttp.nedn_SubNetw ork & "/" & nedn_MeContext & "/" & moid_Equipment & "/" & moid_Subrack & "/" & moid_Slot & "/" & moid_PlugInUnit & "/" & moid_ExchangeTerminal & "/" & moid_Os155PhysPathTerm & "/" & Moid_Vc4Ttp & "/" & moid_Vc12Ttp & "/" & moid_E1Ttp or RXI_E1Ttp.nedn_SubNetwork & "/" & nedn_MeContext & "/" & moid_Equipment & "/" & moid_Subrack & "/" & moid_Slot & "/" & moid_PlugInUnit & "/" & moid_ExchangeTerminal & "/" & moid_Os155PhysPathTerm & "/" & Moid_Vc4Ttp & "/" & moid_Vc12Ttp & "/" & moid_E1Ttp</p>	
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Technology	Technology of the network/element (e.g. GSM, GPRS, UMTS).			RNC_E1Ttp."UMTS" or NODEB_E1Ttp."UMTS" or RXI_E1Ttp."UMTS"; RNC_E1Ttp."UMTS" or NODEB_E1Ttp."UMTS" or RXI_E1Ttp."UMTS"	
Version	Hardware/Software version of the E1Ttp.			RNC_E1Ttp."P7.1" or NODEB_E1Ttp."P7.1" or RXI_E1Ttp."P7.1"; RNC_E1Ttp."P7.1" or NODEB_E1Ttp."P7.1" or RXI_E1Ttp."P7.1"	
Node_Type	Type of Node.			RNC_E1Ttp."RNC" or NODEB_E1Ttp."NodeB" or RXI_E1Ttp."RXI"; RNC_E1Ttp."RNC" or NODEB_E1Ttp."NodeB" or RXI_E1Ttp."RXI"	
Node_Id	The unique identifier for the node this object is connected to.			No mapping; No mapping	
Node_Name	A user friendly name for this node the object is connected to.			No mapping; No mapping	

5.19 E3_Phys_Path_Term details

In the network hierarchy, the immediate parent of the E3_Phys_Path_Term object is Plug_In_Unit.

Attribute Name	Description	Read - Only ?	Time-Track ed?	Mapping	Aggrega tor
Primary Identifier					
E3_Phys_Path_Term_Id	A unique identifier for the E3 or T3 Physical Link.	Y		RNC_E3_T3_PHYSICAL_LINK.nedn_SubNetwork & "/" & moid_Equipment & "/" &	

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			<p>moid_Subrack & "/" & moid_Slot & "/" & moid_PlugInUnit & "/" & moid_ExchangeTerminal & "/" & & moid_E3PhysPathTerm or NODEB_E3_T3_PHYSICAL_ LINK.nedn_SubNetwork & "/" & & nedn_MeContext & "/" & moid_Equipment & "/" & moid_Subrack & "/" & moid_Slot & "/" & moid_PlugInUnit & "/" & moid_ExchangeTerminal & "/" & & moid_E3PhysPathTerm or RXI_E3_T3_PHYSICAL_LIN K.nedn_SubNetwork & "/" & nedn_MeContext & "/" & moid_Equipment & "/" & moid_Subrack & "/" & moid_Slot & "/" & moid_PlugInUnit & "/" & moid_ExchangeTerminal & "/" & & moid_E3PhysPathTerm; RNC_E3_T3_PHYSICAL_LIN K.nedn_SubNetwork & "/" & moid_Equipment & "/" & moid_Subrack & "/" & moid_Slot & "/" & moid_PlugInUnit & "/" & moid_ExchangeTerminal & "/" & & moid_E3PhysPathTerm or NODEB_E3_T3_PHYSICAL_ LINK.nedn_SubNetwork & "/" & & nedn_MeContext & "/" & moid_Equipment & "/" & moid_Subrack & "/" & moid_Slot & "/" & moid_PlugInUnit & "/" & moid_ExchangeTerminal & "/" & & moid_E3PhysPathTerm or RXI_E3_T3_PHYSICAL_LIN K.nedn_SubNetwork & "/" & nedn_MeContext & "/" & moid_Equipment & "/" & moid_Subrack & "/" & moid_Slot & "/" &</p>	
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				moid_PlugInUnit & "/" & moid_ExchangeTerminal & "/" & moid_E3PhysPathTerm
Relationship Attributes				
NodeB_Id	NodeB in a UTRAN network.	Y	Y	NODEB_E3_T3_PHYSICAL_LINK.nedn_SubNetwork & "/" & & nedn_MeContext; NODEB_E3_T3_PHYSICAL_LINK.nedn_SubNetwork & "/" & & nedn_MeContext
Plug_In_Unit_Id	Equipment Plug in Unit in a UTRAN network.	Y	Y	RNC_E3_T3_PHYSICAL_LINK.nedn_SubNetwork & "/" & & moid_Equipment & "/" & & moid_Subrack & "/" & & moid_Slot & "/" & & moid_PlugInUnit or NODEB_E3_T3_PHYSICAL_LINK.nedn_SubNetwork & "/" & & nedn_MeContext & "/" & & moid_Equipment & "/" & & moid_Subrack & "/" & & moid_Slot & "/" & & moid_PlugInUnit or RXI_E3_T3_PHYSICAL_LINK.nedn_SubNetwork & "/" & & nedn_MeContext & "/" & & moid_Equipment & "/" & & moid_Subrack & "/" & & moid_Slot & "/" & & moid_PlugInUnit; RNC_E3_T3_PHYSICAL_LINK.nedn_SubNetwork & "/" & & moid_Equipment & "/" & & moid_Subrack & "/" & & moid_Slot & "/" & & moid_PlugInUnit or NODEB_E3_T3_PHYSICAL_LINK.nedn_SubNetwork & "/" & & nedn_MeContext & "/" &

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				moid_Equipment & "/" & moid_Subrack & "/" & moid_Slot & "/" & moid_PlugInUnit or RXI_E3_T3_PHYSICAL_LIN K.nedn_SubNetwork & "/" & nedn_MeContext & "/" & moid_Equipment & "/" & moid_Subrack & "/" & moid_Slot & "/" & moid_PlugInUnit	
RNC_Id	RNC in a UTRAN network.	Y	Y	RNC_E3_T3_PHYSICAL_LIN K.nedn_SubNetwork or NODEB_E3_T3_PHYSICAL_ LINK.nedn_SubNetwork or RXI_E3_T3_PHYSICAL_LIN K.nedn_SubNetwork; RNC_E3_T3_PHYSICAL_LIN K.nedn_SubNetwork or NODEB_E3_T3_PHYSICAL_ LINK.nedn_SubNetwork or RXI_E3_T3_PHYSICAL_LIN K.nedn_SubNetwork	
Network_Id	Network associated with the E3 Phys Path Term.	Y	Y	lookup("nc_bsc","network_id",u time(StartDate & StartTime,"%d %b %Y %R"), RNC_E3_T3_PHYSICAL_LIN K.nedn_SubNetwork) or lookup("nc_bsc","network_id",u time(StartDate & StartTime,"%d %b %Y %R"), NODEB_E3_T3_PHYSICAL_ LINK.nedn_SubNetwork) or lookup("nc_bsc","network_id",u time(StartDate & StartTime,"%d %b %Y %R"), RXI_E3_T3_PHYSICAL_LIN K.nedn_SubNetwork); lookup("nc_bsc","network_id",u time(StartDate & StartTime,"%d %b %Y %R"), RNC_E3_T3_PHYSICAL_LIN K.nedn_SubNetwork) or lookup("nc_bsc","network_id",u time(StartDate &	

				StartTime,"%d %b %Y %R"), NODEB_E3_T3_PHYSICAL_LINK.nedn_SubNetwork) or lookup("nc_bsc","network_id",u time(StartDate & StartTime,"%d %b %Y %R"), RXI_E3_T3_PHYSICAL_LIN K.nedn_SubNetwork)
Region_Id	Region associated with E3 Phys Path Term.	Y	Y	lookup("nc_bsc","region_id",uti me(StartDate & StartTime,"%d %b %Y %R"), RNC_E3_T3_PHYSICAL_LIN K.nedn_SubNetwork) or lookup("nc_bsc","region_id",uti me(StartDate & StartTime,"%d %b %Y %R"), NODEB_E3_T3_PHYSICAL_LIN K.nedn_SubNetwork) or lookup("nc_bsc","region_id",uti me(StartDate & StartTime,"%d %b %Y %R"), RXI_E3_T3_PHYSICAL_LIN K.nedn_SubNetwork); lookup("nc_bsc","region_id",uti me(StartDate & StartTime,"%d %b %Y %R"), RNC_E3_T3_PHYSICAL_LIN K.nedn_SubNetwork) or lookup("nc_bsc","region_id",uti me(StartDate & StartTime,"%d %b %Y %R"), NODEB_E3_T3_PHYSICAL_LIN K.nedn_SubNetwork) or lookup("nc_bsc","region_id",uti me(StartDate & StartTime,"%d %b %Y %R"), RXI_E3_T3_PHYSICAL_LIN K.nedn_SubNetwork)
Configuration Attributes				

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<p>E3_Phys_Path _Term_Name</p>	<p>A user friendly name preferably unique for the E3 Phys Link.</p>		<p>RNC_E3_T3_PHYSICAL_LINK.nedn_SubNetwork & "/" & moid_Equipment & "/" & moid_Subrack & "/" & moid_Slot & "/" & moid_PlugInUnit & "/" & moid_ExchangeTerminal & "/" & moid_E3PhysPathTerm or NODEB_E3_T3_PHYSICAL_LINK.nedn_SubNetwork & "/" & nedn_MeContext & "/" & moid_Equipment & "/" & moid_Subrack & "/" & moid_Slot & "/" & moid_PlugInUnit & "/" & moid_ExchangeTerminal & "/" & moid_E3PhysPathTerm or RXI_E3_T3_PHYSICAL_LINK.nedn_SubNetwork & "/" & nedn_MeContext & "/" & moid_Equipment & "/" & moid_Subrack & "/" & moid_Slot & "/" & moid_PlugInUnit & "/" & moid_ExchangeTerminal & "/" & moid_E3PhysPathTerm; RNC_E3_T3_PHYSICAL_LINK.nedn_SubNetwork & "/" & moid_Equipment & "/" & moid_Subrack & "/" & moid_Slot & "/" & moid_PlugInUnit & "/" & moid_ExchangeTerminal & "/" & moid_E3PhysPathTerm or NODEB_E3_T3_PHYSICAL_LINK.nedn_SubNetwork & "/" & nedn_MeContext & "/" & moid_Equipment & "/" & moid_Subrack & "/" & moid_Slot & "/" & moid_PlugInUnit & "/" & moid_ExchangeTerminal & "/" & moid_E3PhysPathTerm or RXI_E3_T3_PHYSICAL_LINK.nedn_SubNetwork & "/" & nedn_MeContext & "/" &</p>
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				moid_Equipment & "/" & moid_Subrack & "/" & moid_Slot & "/" & moid_PlugInUnit & "/" & moid_ExchangeTerminal & "/" & & moid_E3PhysPathTerm
Technology	Technology of the network/element (e.g. GSM, GPRS, UMTS).			RNC_E3_T3_PHYSICAL_LINK."UMTS" or NODEB_E3_T3_PHYSICAL_LINK."UMTS" or RXI_E3_T3_PHYSICAL_LINK."UMTS"; RNC_E3_T3_PHYSICAL_LINK."UMTS" or NODEB_E3_T3_PHYSICAL_LINK."UMTS" or RXI_E3_T3_PHYSICAL_LINK."UMTS"
Version	Hardware/Software version of the E3 Phys Path Term.			RNC_E3_T3_PHYSICAL_LINK."P7.1" or NODEB_E3_T3_PHYSICAL_LINK."P7.1" or RXI_E3_T3_PHYSICAL_LINK."P7.1"; RNC_E3_T3_PHYSICAL_LINK."P7.1" or NODEB_E3_T3_PHYSICAL_LINK."P7.1" or RXI_E3_T3_PHYSICAL_LINK."P7.1"
Node_Type	Type of Node.			RNC_E3_T3_PHYSICAL_LINK."RNC" or NODEB_E3_T3_PHYSICAL_LINK."NodeB" or RXI_E3_T3_PHYSICAL_LINK."RXI"; RNC_E3_T3_PHYSICAL_LINK."RNC" or NODEB_E3_T3_PHYSICAL_LINK.

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				LINK."NodeB" or RXI_E3_T3_PHYSICAL_LINK."RXI"	
Node_Id	The unique identifier for the node this object is connected to.			No mapping; No mapping	
Node_Name	A user friendly name for this node the object is connected to.			No mapping; No mapping	

5.20 Ethernet_Link details

In the network hierarchy, the immediate parent of the Ethernet_Link object is IP_Interface.

Attribute Name	Description	Read - Only ?	Time-Track ed?	Mapping	Aggrega tor
Primary Identifier					
Ethernet_Link_Id	A unique identifier for the Ethernet Link in a UTRAN network.	Y		RNC_Ethernet_Link.nedn_Sub Network & "/" & moid_IpOam & "/" & moid_Ip & "/" & moid_EthernetLink or NODEB_Ethernet_Link.nedn_SubNetwork & "/" & nedn_MeContext & "/" & moid_IpOam & "/" & moid_Ip & "/" & moid_EthernetLink or RXI_Ethernet_Link.nedn_Sub Network & "/" & nedn_MeContext & "/" & moid_IpOam & "/" & moid_Ip & "/" & moid_EthernetLink; RNC_Ethernet_Link.nedn_Sub Network & "/" & moid_IpOam & "/" & moid_Ip & "/" & moid_EthernetLink or NODEB_Ethernet_Link.nedn_SubNetwork & "/" & nedn_MeContext & "/" & moid_IpOam & "/" & moid_Ip & "/" & moid_EthernetLink or RXI_Ethernet_Link.nedn_Sub	

				Network & "/" & nedn_MeContext & "/" & moid_IpOam & "/" & moid_Ip & "/" & moid_EthernetLink	
Relationship Attributes					
Network_Id	Network associated with the Ethernet Link.	Y	Y	lookup("nc_bsc","network_id", utime(StartDate & StartTime,"%d %b %Y %R"), RNC_Ethernet_Link.nedn_Sub Network) or lookup("nc_bsc","network_id", utime(StartDate & StartTime,"%d %b %Y %R"), NODEB_Ethernet_Link.nedn_ SubNetwork) or lookup("nc_bsc","network_id", utime(StartDate & StartTime,"%d %b %Y %R"), RXI_Ethernet_Link.nedn_Sub Network); lookup("nc_bsc","network_id", utime(StartDate & StartTime,"%d %b %Y %R"), RNC_Ethernet_Link.nedn_Sub Network) or lookup("nc_bsc","network_id", utime(StartDate & StartTime,"%d %b %Y %R"), NODEB_Ethernet_Link.nedn_ SubNetwork) or lookup("nc_bsc","network_id", utime(StartDate & StartTime,"%d %b %Y %R"), RXI_Ethernet_Link.nedn_Sub Network)	
NodeB_Id	Identifier of the NodeB	Y	Y	NODEB_Ethernet_Link.nedn_ SubNetwork & "/" & nedn_MeContext; NODEB_Ethernet_Link.nedn_	

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				SubNetwork & "/" & nedn_MeContext	
RNC_Id	RNC in a UTRAN network.	Y	Y	RNC_Ethernet_Link.nedn_Sub Network or NODEB_Ethernet_Link.nedn_SubNetwork or RXI_Ethernet_Link.nedn_Sub Network; RNC_Ethernet_Link.nedn_Sub Network or NODEB_Ethernet_Link.nedn_SubNetwork or RXI_Ethernet_Link.nedn_Sub Network	
Region_Id	Region associated with the Ethernet Link.	Y	Y	lookup("nc_bsc","region_id",time(StartDate & StartTime,"%d %b %Y %R"), RNC_Ethernet_Link.nedn_Sub Network) or lookup("nc_bsc","region_id",time(StartDate & StartTime,"%d %b %Y %R"), NODEB_Ethernet_Link.nedn_SubNetwork) or lookup("nc_bsc","region_id",time(StartDate & StartTime,"%d %b %Y %R"), RXI_Ethernet_Link.nedn_Sub Network); lookup("nc_bsc","region_id",time(StartDate & StartTime,"%d %b %Y %R"), RNC_Ethernet_Link.nedn_Sub Network) or lookup("nc_bsc","region_id",time(StartDate & StartTime,"%d %b %Y %R"), NODEB_Ethernet_Link.nedn_SubNetwork) or lookup("nc_bsc","region_id",time(StartDate & StartTime,"%d %b %Y %R"), RXI_Ethernet_Link.nedn_Sub Network)	

Interface_Id	IP link in a UTRAN network.	Y	Y	RNC_Ethernet_Link.nedn_Sub Network & "/" & moid_IpOam & "/" & moid_Ip or NODEB_Ethernet_Link.nedn_SubNetwork & "/" & nedn_MeContext & "/" & moid_IpOam & "/" & moid_Ip or RXI_Ethernet_Link.nedn_Sub Network & "/" & nedn_MeContext & "/" & moid_IpOam & "/" & moid_Ip; RNC_Ethernet_Link.nedn_Sub Network & "/" & moid_IpOam & "/" & moid_Ip or NODEB_Ethernet_Link.nedn_SubNetwork & "/" & nedn_MeContext & "/" & moid_IpOam & "/" & moid_Ip or RXI_Ethernet_Link.nedn_Sub Network & "/" & nedn_MeContext & "/" & moid_IpOam & "/" & moid_Ip	
Configuration Attributes					
Ethernet_Link_Name	A user-friendly name preferably unique for the Ethernet Link.			RNC_Ethernet_Link.nedn_Sub Network & "/" & moid_IpOam & "/" & moid_Ip & "/" & moid_EthernetLink or NODEB_Ethernet_Link.nedn_SubNetwork & "/" & nedn_MeContext & "/" & moid_IpOam & "/" & moid_Ip & "/" & moid_EthernetLink or RXI_Ethernet_Link.nedn_Sub Network & "/" & nedn_MeContext & "/" & moid_IpOam & "/" & moid_Ip & "/" & moid_EthernetLink; RNC_Ethernet_Link.nedn_Sub	

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				Network & "/" & moid_IpOam & "/" & moid_Ip & "/" & moid_EthernetLink or NODEB_Ethernet_Link.nedn_SubNetwork & "/" & nedn_MeContext & "/" & moid_IpOam & "/" & moid_Ip & "/" & moid_EthernetLink or RXI_Ethernet_Link.nedn_SubNetwork & "/" & nedn_MeContext & "/" & moid_IpOam & "/" & moid_Ip & "/" & moid_EthernetLink	
Technology	Technology of the network/element (e.g. GSM, GPRS, UMTS).			RNC_Ethernet_Link."UMTS" or NODEB_Ethernet_Link."UMTS" or RXI_Ethernet_Link."UMTS"; RNC_Ethernet_Link."UMTS" or NODEB_Ethernet_Link."UMTS" or RXI_Ethernet_Link."UMTS"	
Version	Hardware/Software version of the Ethernet Link.			RNC_Ethernet_Link."P7.1" or NODEB_Ethernet_Link."P7.1" or RXI_Ethernet_Link."P7.1"; RNC_Ethernet_Link."P7.1" or NODEB_Ethernet_Link."P7.1" or RXI_Ethernet_Link."P7.1"	
Node_Type	The type of the Node associated with the Ethernet Link (e.g. MSC, BSC).			RNC_Ethernet_Link."RNC" or NODEB_Ethernet_Link."Node B" or RXI_Ethernet_Link."RXI"; RNC_Ethernet_Link."RNC" or NODEB_Ethernet_Link."Node B" or RXI_Ethernet_Link."RXI"	
Node_Id	The unique identifier for the node this object is connected to.			No mapping; No mapping	
Node_Name	A user friendly name for this node the object is connected to.			No mapping; No mapping	

Ip_Protocol_Layer_Id	The Ip Protocol layer associated with the object			No mapping; No mapping	
Ip_System_Id	IP System in a UTRAN network.			RNC_Ethernet_Link.nedn_SubNetwork & "/" & moid_IpOam or NODEB_Ethernet_Link.nedn_SubNetwork & "/" & nedn_MeContext & "/" & moid_IpOam or RXI_Ethernet_Link.nedn_SubNetwork & "/" & nedn_MeContext & "/" & moid_IpOam; RNC_Ethernet_Link.nedn_SubNetwork & "/" & moid_IpOam or NODEB_Ethernet_Link.nedn_SubNetwork & "/" & nedn_MeContext & "/" & moid_IpOam or RXI_Ethernet_Link.nedn_SubNetwork & "/" & nedn_MeContext & "/" & moid_IpOam	

5.21 EthernetSwitchModulePort details

In the network hierarchy, the immediate parent of the EthernetSwitchModulePort object is NodeB.

Attribute Name	Description	Read-Only?	Time-Tracked?	Mapping	Aggregator
Primary Identifier					
EthernetSwitchModulePort_Id	A unique identifier for the EthernetSwitchModulePort	Y		ME_EthernetSwitchModulePort.nedn_SubNetwork & "/" & moid_Equipment & "/" & moid_Subrack & "/" & moid_Slot & "/" & moid_PlugInUnit & "/" &	

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				moid_EthernetSwitchModule&"/"&moid_EthernetSwitchModulePort; ME_EthernetSwitchModulePort.nedn_SubNetwork & "/" &moid_Equipment & "/" & moid_Subrack & "/" & moid_Slot & "/" & moid_PlugInUnit & "/" & moid_EthernetSwitchModule&"/"&moid_EthernetSwitchModulePort
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Relationship Attributes

Network_Id	Network associated with the EthernetSwitchModulePort	Y	Y	lookup("nc_bsc","network_id",utime(StartDate & StartTime,"%d %b %Y %R"), nedn_SubNetwork); lookup("nc_bsc","network_id",utime(StartDate & StartTime,"%d %b %Y %R"), nedn_SubNetwork)
Region_Id	Region associated with the EthernetSwitchModulePort	Y	Y	lookup("nc_bsc","region_id",utime(StartDate & StartTime,"%d %b %Y %R"), nedn_SubNetwork); lookup("nc_bsc","region_id",utime(StartDate & StartTime,"%d %b %Y %R"), nedn_SubNetwork)
RNC_Id	Identifier for the RNC associated with this EthernetSwitchModulePort	Y	Y	ME_EthernetSwitchModulePort.nedn_SubNetwork; ME_EthernetSwitchModulePort.nedn_SubNetwork
NodeB_Id	NodeB identifier associated with this EthernetSwitchModulePort.	Y	Y	ME_EthernetSwitchModulePort.nedn_SubNetwork & "/" &moid_Equipment; ME_EthernetSwitchModulePort.nedn_SubNetwork & "/" &moid_Equipment

Configuration Attributes

EthSwModPort_Name	A user-friendly name preferably unique for the EthernetSwitchModulePort			ME_EthernetSwitchModulePort.nedn_SubNetwork & "/" &moid_Equipment & "/" & moid_Subrack & "/" & moid_Slot & "/" & moid_PlugInUnit & "/" & moid_EthernetSwitchModule&"/"&moid_EthernetSwitchModulePort;
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				ME_EthernetSwitchModulePort.nedn_SubNetwork & "/" & moid_Equipment & "/" & moid_Subrack & "/" & moid_Slot & "/" & moid_PlugInUnit & "/" & moid_EthernetSwitchModule & "/" & moid_EthernetSwitchModulePort
Version	Hardware/Software version of the EthernetSwitchModulePort			"P7.1"; "P7.1"
Technology	Technology of the network/element			"UMTS"; "UMTS"
ActualSpeedDuplex	The mode, in which the port is actually operating. The value NO_LINK means that the link is disabled.			ME_EthernetSwitchModulePort.ActualEthModSpeedDuplex; ME_EthernetSwitchModulePort.ActualEthModSpeedDuplex

5.22 EthernetSwitchPort details

In the network hierarchy, the immediate parent of the EthernetSwitchPort object is Plug_In_Unit.

Attribute Name	Description	Read - Only ?	Time-Track ed?	Mapping	Aggrega tor
Primary Identifier					
EthernetSwitchPort_Id	The primary identifier of the EthernetSwitchPort.	Y		RNC_EthernetSwitchPort.nedn_SubNetwork & "/" & moid_Equipment & "/" & moid_Subrack & "/" & moid_Slot & "/" & moid_PlugInUnit & "/" & moid_ExchangeTerminalIp &	

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			<p>"/" & moid_EthernetSwitch & "/" & moid_EthernetSwitchPort or NODEB_EthernetSwitchPort.n edn_SubNetwork & "/" & nedn_MeContext & "/" & moid_Equipment & "/" & moid_Subrack & "/" & moid_Slot & "/" & moid_PlugInUnit & "/" & moid_ExchangeTerminalIp & "/" & moid_EthernetSwitch & "/" & moid_EthernetSwitchPort or RXI_EthernetSwitchPort.nedn _SubNetwork & "/" & nedn_MeContext & "/" & moid_Equipment & "/" & moid_Subrack & "/" & moid_Slot & "/" & moid_PlugInUnit & "/" & moid_ExchangeTerminalIp & "/" & moid_EthernetSwitch & "/" & moid_EthernetSwitchPort; RNC_EthernetSwitchPort.nedn _SubNetwork & "/" & moid_Equipment & "/" & moid_Subrack & "/" & moid_Slot & "/" & moid_PlugInUnit & "/" & moid_ExchangeTerminalIp & "/" & moid_EthernetSwitch & "/" & moid_EthernetSwitchPort or NODEB_EthernetSwitchPort.n edn_SubNetwork & "/" & nedn_MeContext & "/" & moid_Equipment & "/" & moid_Subrack & "/" & moid_Slot & "/" & moid_PlugInUnit & "/" & moid_ExchangeTerminalIp & "/" & moid_EthernetSwitch & "/" & moid_EthernetSwitchPort or</p>
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				RXI_EthernetSwitchPort.nedn _SubNetwork & "/" & nedn_MeContext & "/" & moid_Equipment & "/" & moid_Subrack & "/" & moid_Slot & "/" & moid_PlugInUnit & "/" & moid_ExchangeTerminalIp & "/" & moid_EthernetSwitch & "/" & moid_EthernetSwitchPort	
Relationship Attributes					
Plug_In_Unit_Identifier	Equipment Plug in Unit in a UTRAN network.	Y	Y	RNC_EthernetSwitchPort.nedn _SubNetwork & "/" & moid_Equipment & "/" & moid_Subrack & "/" & moid_Slot & "/" & moid_PlugInUnit or NODEB_EthernetSwitchPort.nedn _SubNetwork & "/" & nedn_MeContext & "/" & moid_Equipment & "/" & moid_Subrack & "/" & moid_Slot & "/" & moid_PlugInUnit or RXI_EthernetSwitchPort.nedn _SubNetwork & "/" & nedn_MeContext & "/" & moid_Equipment & "/" & moid_Subrack & "/" & moid_Slot & "/" & moid_PlugInUnit; RNC_EthernetSwitchPort.nedn _SubNetwork & "/" & moid_Equipment & "/" & moid_Subrack & "/" & moid_Slot & "/" & moid_PlugInUnit or NODEB_EthernetSwitchPort.nedn _SubNetwork & "/" &	

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				nedn_MeContext & "/" & moid_Equipment & "/" & moid_Subrack & "/" & moid_Slot & "/" & moid_PlugInUnit or RXI_EthernetSwitchPort.nedn _SubNetwork & "/" & nedn_MeContext & "/" & moid_Equipment & "/" & moid_Subrack & "/" & moid_Slot & "/" & moid_PlugInUnit	
NodeB_Id	NodeB in a UTRAN network.	Y	Y	NODEB_EthernetSwitchPort.n edn_SubNetwork & "/" & nedn_MeContext; NODEB_EthernetSwitchPort.n edn_SubNetwork & "/" & nedn_MeContext	
RNC_Id	RNC in a UTRAN network.	Y	Y	RNC_EthernetSwitchPort.nedn _SubNetwork or NODEB_EthernetSwitchPort.n edn_SubNetwork or RXI_EthernetSwitchPort.nedn _SubNetwork; RNC_EthernetSwitchPort.nedn _SubNetwork or NODEB_EthernetSwitchPort.n edn_SubNetwork or RXI_EthernetSwitchPort.nedn _SubNetwork	
Network_Id	Network associated with the EthernetSwitchPort.	Y	Y	lookup("nc_bsc","network_id", utime(StartDate & StartTime,"%d %b %Y %R"), RNC_EthernetSwitchPort.nedn _SubNetwork) or lookup("nc_bsc","network_id", utime(StartDate & StartTime,"%d %b %Y %R"), NODEB_EthernetSwitchPort.n edn_SubNetwork) or lookup("nc_bsc","network_id", utime(StartDate & StartTime,"%d %b %Y %R"), RXI_EthernetSwitchPort.nedn	

				_SubNetwork); lookup("nc_bsc","network_id", utime(StartDate & StartTime,"%d %b %Y %R"), RNC_EthernetSwitchPort.nedn _SubNetwork) or lookup("nc_bsc","network_id", utime(StartDate & StartTime,"%d %b %Y %R"), NODEB_EthernetSwitchPort.n edn_SubNetwork) or lookup("nc_bsc","network_id", utime(StartDate & StartTime,"%d %b %Y %R"), RXI_EthernetSwitchPort.nedn _SubNetwork)
Region_Id	Region associated with the EthernetSwitchPort.	Y	Y	lookup("nc_bsc","region_id",ut ime(StartDate & StartTime,"%d %b %Y %R"), RNC_EthernetSwitchPort.nedn _SubNetwork) or lookup("nc_bsc","region_id",ut ime(StartDate & StartTime,"%d %b %Y %R"), NODEB_EthernetSwitchPort.n edn_SubNetwork) or lookup("nc_bsc","region_id",ut ime(StartDate & StartTime,"%d %b %Y %R"), RXI_EthernetSwitchPort.nedn _SubNetwork); lookup("nc_bsc","region_id",ut ime(StartDate & StartTime,"%d %b %Y %R"), RNC_EthernetSwitchPort.nedn _SubNetwork) or lookup("nc_bsc","region_id",ut ime(StartDate & StartTime,"%d %b %Y %R"), NODEB_EthernetSwitchPort.n

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				edn_SubNetwork) or lookup("nc_bsc","region_id",ut ime(StartDate & StartTime,"%d %b %Y %R"), RXI_EthernetSwitchPort.nedn _SubNetwork)
Configuration Attributes				
EthernetSwitch Port_Name	The meaningful name of the EthernetSwitchPort.			RNC_EthernetSwitchPort.nedn _SubNetwork & "/" & moid_Equipment & "/" & moid_Subrack & "/" & moid_Slot & "/" & moid_PlugInUnit & "/" & moid_ExchangeTerminalIp & "/" & moid_EthernetSwitch & "/" & moid_EthernetSwitchPort or NODEB_EthernetSwitchPort.n edn_SubNetwork & "/" & nedn_MeContext & "/" & moid_Equipment & "/" & moid_Subrack & "/" & moid_Slot & "/" & moid_PlugInUnit & "/" & moid_ExchangeTerminalIp & "/" & moid_EthernetSwitch & "/" & moid_EthernetSwitchPort or RXI_EthernetSwitchPort.nedn _SubNetwork & "/" & nedn_MeContext & "/" & moid_Equipment & "/" & moid_Subrack & "/" & moid_Slot & "/" & moid_PlugInUnit & "/" & moid_ExchangeTerminalIp & "/" & moid_EthernetSwitch & "/" & moid_EthernetSwitchPort; RNC_EthernetSwitchPort.nedn _SubNetwork & "/" & moid_Equipment & "/" & moid_Subrack & "/" & moid_Slot & "/" & moid_PlugInUnit & "/" &

				<pre> moid_ExchangeTerminalIp & "/" & moid_EthernetSwitch & "/" & moid_EthernetSwitchPort or NODEB_EthernetSwitchPort.n edn_SubNetwork & "/" & nedn_MeContext & "/" & moid_Equipment & "/" & moid_Subrack & "/" & moid_Slot & "/" & moid_PlugInUnit & "/" & moid_ExchangeTerminalIp & "/" & moid_EthernetSwitch & "/" & moid_EthernetSwitchPort or RXI_EthernetSwitchPort.nedn _SubNetwork & "/" & nedn_MeContext & "/" & moid_Equipment & "/" & moid_Subrack & "/" & moid_Slot & "/" & moid_PlugInUnit & "/" & moid_ExchangeTerminalIp & "/" & moid_EthernetSwitch & "/" & moid_EthernetSwitchPort </pre>
Technology	Technology of the network/element (e.g. GSM, GPRS, UMTS).			<pre> RNC_EthernetSwitchPort."UM TS" or NODEB_EthernetSwitchPort." UMTS" or RXI_EthernetSwitchPort."UM TS"; RNC_EthernetSwitchPort."UM TS" or NODEB_EthernetSwitchPort." UMTS" or RXI_EthernetSwitchPort."UM TS" </pre>
Version	Hardware/Software version of the			<pre> RNC_EthernetSwitchPort."P7. 1" or </pre>

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	EthernetSwitchPort.			NODEB_EthernetSwitchPort."P7.1" or RXI_EthernetSwitchPort."P7.1"; RNC_EthernetSwitchPort."P7.1" or NODEB_EthernetSwitchPort."P7.1" or RXI_EthernetSwitchPort."P7.1"	
Node_Type	Type of Node.			RNC_EthernetSwitchPort."RNC" or NODEB_EthernetSwitchPort."NodeB" or RXI_EthernetSwitchPort."RXI"; RNC_EthernetSwitchPort."RNC" or NODEB_EthernetSwitchPort."NodeB" or RXI_EthernetSwitchPort."RXI"	
Node_Id	The unique identifier for the node this object is connected to.			No mapping; No mapping	
Node_Name	A user friendly name for this node the object is connected to.			No mapping; No mapping	

5.23 Fast_Ethernet details

In the network hierarchy, the immediate parent of the Fast_Ethernet object is Plug_In_Unit.

Attribute Name	Description	Read - Only ?	Time-Track ed?	Mapping	Aggrega tor
Primary Identifier					
Fast_Ethernet_Id	A unique identifier for the Fast Ethernet.	Y		ME_RNC_Eqpt_FastEthernet.nedn_SubNetwork & "/" & moid_Equipment & "/" & moid_Subrack & "/" &	

				moid_Slot & "/" & moid_PlugInUnit & "/" & moid_GeneralProcessorUnit & "/" & moid_FastEthernet; ME_RNC_Eqpt_FastEthernet.ne dn_SubNetwork & "/" & moid_Equipment & "/" & moid_Subrack & "/" & moid_Slot & "/" & moid_PlugInUnit & "/" & moid_GeneralProcessorUnit & "/" & moid_FastEthernet
Relationship Attributes				
Network_Id	Network associated with the Fast Ethernet.	Y	Y	lookup("nc_bsc","network_id",u time(StartDate & StartTime,"%d %b %Y %R"), nedn_SubNetwork); lookup("nc_bsc","network_id",u time(StartDate & StartTime,"%d %b %Y %R"), nedn_SubNetwork)
Region_Id	Region associated with the Fast Ethernet.	Y	Y	lookup("nc_bsc","region_id",uti me(StartDate & StartTime,"%d %b %Y %R"), nedn_SubNetwork); lookup("nc_bsc","region_id",uti me(StartDate & StartTime,"%d %b %Y %R"), nedn_SubNetwork)
Plug_In_Unit _Id	The Plug_In_Unit associated with the object.	Y	Y	ME_RNC_Eqpt_FastEthernet.ne dn_SubNetwork & "/" & moid_Equipment & "/" & moid_Subrack & "/" & moid_Slot & "/" & moid_PlugInUnit; ME_RNC_Eqpt_FastEthernet.ne dn_SubNetwork & "/" & moid_Equipment & "/" &

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				moid_Subrack & "/" & moid_Slot & "/" & moid_PlugInUnit	
Configuration Attributes					
Fast_Ethernet _Name	A user-friendly name preferably unique for the Fast Ethernet.			ME_RNC_Eqpt_FastEthernet.ne dn_SubNetwork & "/" & moid_Equipment & "/" & moid_Subrack & "/" & moid_Slot & "/" & moid_PlugInUnit & "/" & moid_GeneralProcessorUnit & "/" & moid_FastEthernet; ME_RNC_Eqpt_FastEthernet.ne dn_SubNetwork & "/" & moid_Equipment & "/" & moid_Subrack & "/" & moid_Slot & "/" & moid_PlugInUnit & "/" & moid_GeneralProcessorUnit & "/" & moid_FastEthernet	
Node_Id	The unique identifier for the node this object is connected to.			ME_RNC_Eqpt_FastEthernet.ne dn_SubNetwork; ME_RNC_Eqpt_FastEthernet.ne dn_SubNetwork	
Node_Type	The type of network element of the node this object is connected to.			ME_RNC_Eqpt_FastEthernet." RNC"; ME_RNC_Eqpt_FastEthernet." RNC"	
Node_Name	A user friendly name for this node the object is connected to.			ME_RNC_Eqpt_FastEthernet.ne dn_SubNetwork; ME_RNC_Eqpt_FastEthernet.ne dn_SubNetwork	
Technology	Technology of the network/element (e.g. GSM, GPRS, UMTS).			"UMTS"; "UMTS"	
Version	Hardware/Software version of the equipment supporting the Fast Ethernet.			"P7.1"; "P7.1"	

5.24 GigabitEthernet details

In the network hierarchy, the immediate parent of the GigabitEthernet object is Plug_In_Unit.

Attribute Name	Description	Read - Only ?	Time-Track ed?	Mapping	Aggrega tor
Primary Identifier					
GigabitEthernet_Id	A unique identifier for the GigabitEthernet.	Y		ME_RNC_Eqpt_GigaBitEthernet.nedn_SubNetwork & "/" & moid_Equipment & "/" & moid_Subrack & "/" & moid_Slot & "/" & moid_PlugInUnit & "/" & moid_EtMfg & "/" & moid_GigaBitEthernet; ME_RNC_Eqpt_GigaBitEthernet.nedn_SubNetwork & "/" & moid_Equipment & "/" & moid_Subrack & "/" & moid_Slot & "/" & moid_PlugInUnit & "/" & moid_EtMfg & "/" & moid_GigaBitEthernet	
Relationship Attributes					
Plug_In_Unit_Id	The Plug In Unit associated with the object.	Y	Y	ME_RNC_Eqpt_GigaBitEthernet.nedn_SubNetwork & "/" & moid_Equipment & "/" & moid_Subrack & "/" & moid_Slot & "/" & moid_PlugInUnit; ME_RNC_Eqpt_GigaBitEthernet.nedn_SubNetwork & "/" & moid_Equipment & "/" & moid_Subrack & "/" & moid_Slot & "/" & moid_PlugInUnit	
Network_Id	Network associated with	Y	Y	lookup("nc_bsc","network_id",	

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	the GigabitEthernet.			utime(StartDate & StartTime,"%d %b %Y %R"), nedn_SubNetwork); lookup("nc_bsc","network_id", utime(StartDate & StartTime,"%d %b %Y %R"), nedn_SubNetwork)	
Region_Id	Region associated with the GigabitEthernet.	Y	Y	lookup("nc_bsc","region_id",utime(StartDate & StartTime,"%d %b %Y %R"), nedn_SubNetwork); lookup("nc_bsc","region_id",utime(StartDate & StartTime,"%d %b %Y %R"), nedn_SubNetwork)	
Configuration Attributes					
GigabitEthernet_Name	A user-friendly name preferably unique for the GigabitEthernet.			ME_RNC_Eqpt_GigaBitEthernet.nedn_SubNetwork & "/" & moid_Equipment & "/" & moid_Subrack & "/" & moid_Slot & "/" & moid_PlugInUnit & "/" & moid_EtMfg & "/" & moid_GigaBitEthernet; ME_RNC_Eqpt_GigaBitEthernet.nedn_SubNetwork & "/" & moid_Equipment & "/" & moid_Subrack & "/" & moid_Slot & "/" & moid_PlugInUnit & "/" & moid_EtMfg & "/" & moid_GigaBitEthernet	
Technology	Technology of the network/element (e.g. GSM, GPRS, UMTS).			"UMTS"; "UMTS"	
Version	Hardware/Software version of the equipment supporting the GigabitEthernet.			"P7.1"; "P7.1"	
Node_Id	The unique identifier for the node this object is connected to.			ME_RNC_Eqpt_GigaBitEthernet.nedn_SubNetwork; ME_RNC_Eqpt_GigaBitEthernet	

				et.nedn_SubNetwork	
Node_Type	The type of network element of the node this object is connected to.			ME_RNC_Eqpt_GigaBitEthernet."RNC"; ME_RNC_Eqpt_GigaBitEthernet."RNC"	
Node_Name	A user friendly name for this node the object is connected to.			ME_RNC_Eqpt_GigaBitEthernet.nedn_SubNetwork; ME_RNC_Eqpt_GigaBitEthernet.nedn_SubNetwork	

5.25 IMA_Group details

In the network hierarchy, the immediate parents of the IMA_Group object are: NodeB and RNC.

Attribute Name	Description	Read - Only ?	Time-Track ed?	Mapping	Aggrega tor
Primary Identifier					
IMA_Group_Id	Primary identifier of the IMA Group.	Y		RNC_IMA_GROUP.nedn_Sub Network & "/" & moid_ImaGroup or NODEB_IMA_GROUP.nedn_SubNetwork & "/" & nedn_MeContext & "/" & moid_ImaGroup or RXI_IMA_GROUP.nedn_Sub Network & "/" & nedn_MeContext & "/" & moid_ImaGroup; RNC_IMA_GROUP.nedn_Sub Network & "/" & moid_ImaGroup or NODEB_IMA_GROUP.nedn_SubNetwork & "/" & nedn_MeContext & "/" & moid_ImaGroup or	

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				RXI_IMA_GROUP.nedn_Sub Network & "/" & nedn_MeContext & "/" & moid_ImaGroup	
Relationship Attributes					
NodeB_Id	A unique identifier for the NodeB.	Y	Y	NODEB_IMA_GROUP.nedn_ SubNetwork & "/" & nedn_MeContext; NODEB_IMA_GROUP.nedn_ SubNetwork & "/" & nedn_MeContext	
RNC_Id	A unique identifier for the RNC.	Y	Y	RNC_IMA_GROUP.nedn_Sub Network or NODEB_IMA_GROUP.nedn_ SubNetwork or RXI_IMA_GROUP.nedn_Sub Network; RNC_IMA_GROUP.nedn_Sub Network or NODEB_IMA_GROUP.nedn_ SubNetwork or RXI_IMA_GROUP.nedn_Sub Network	
Region_Id	Identifier of the region for the IMA Group or Node.	Y	Y	lookup("nc_bsc","region_id",uti me(StartDate & StartTime,"%d %b %Y %R"), RNC_IMA_GROUP.nedn_Sub Network) or lookup("nc_bsc","region_id",uti me(StartDate & StartTime,"%d %b %Y %R"), NODEB_IMA_GROUP.nedn_ SubNetwork) or lookup("nc_bsc","region_id",uti me(StartDate & StartTime,"%d %b %Y %R"), RXI_IMA_GROUP.nedn_Sub Network); lookup("nc_bsc","region_id",uti me(StartDate & StartTime,"%d %b %Y %R"), RNC_IMA_GROUP.nedn_Sub Network) or	

				lookup("nc_bsc","region_id",utime(StartDate & StartTime,"%d %b %Y %R"), NODEB_IMA_GROUP.nedn_SubNetwork) or lookup("nc_bsc","region_id",utime(StartDate & StartTime,"%d %b %Y %R"), RXI_IMA_GROUP.nedn_SubNetwork)
Network_Id	Identifier of the Network / PLMN.	Y	Y	lookup("nc_bsc","network_id",utime(StartDate & StartTime,"%d %b %Y %R"), RNC_IMA_GROUP.nedn_SubNetwork) or lookup("nc_bsc","network_id",utime(StartDate & StartTime,"%d %b %Y %R"), NODEB_IMA_GROUP.nedn_SubNetwork) or lookup("nc_bsc","network_id",utime(StartDate & StartTime,"%d %b %Y %R"), RXI_IMA_GROUP.nedn_SubNetwork); lookup("nc_bsc","network_id",utime(StartDate & StartTime,"%d %b %Y %R"), RNC_IMA_GROUP.nedn_SubNetwork) or lookup("nc_bsc","network_id",utime(StartDate & StartTime,"%d %b %Y %R"), NODEB_IMA_GROUP.nedn_SubNetwork) or lookup("nc_bsc","network_id",utime(StartDate & StartTime,"%d %b %Y %R"), RXI_IMA_GROUP.nedn_SubNetwork)

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Configuration Attributes

IMA_Group_Name	Meaningful name of the IMA Group.			RNC_IMA_GROUP.nedn_Sub Network & "/" & moid_ImaGroup or NODEB_IMA_GROUP.nedn_SubNetwork & "/" & nedn_MeContext & "/" & moid_ImaGroup or RXI_IMA_GROUP.nedn_Sub Network & "/" & nedn_MeContext & "/" & moid_ImaGroup; RNC_IMA_GROUP.nedn_Sub Network & "/" & moid_ImaGroup or NODEB_IMA_GROUP.nedn_SubNetwork & "/" & nedn_MeContext & "/" & moid_ImaGroup or RXI_IMA_GROUP.nedn_Sub Network & "/" & nedn_MeContext & "/" & moid_ImaGroup	
Node_Id	Identifier of the Node (e.g. RNC).			No mapping; No mapping	
IMA_Group_Type	Type or Information about the IMA Group.			No mapping; No mapping	
Node_Type	Type of the Node (e.g. RNC).			RNC_IMA_GROUP."RNC" or NODEB_IMA_GROUP."Node B" or RXI_IMA_GROUP."RXI"; RNC_IMA_GROUP."RNC" or NODEB_IMA_GROUP."Node B" or RXI_IMA_GROUP."RXI"	
Version	Version of the IMA Group or Node.			RNC_IMA_GROUP."P7.1" or NODEB_IMA_GROUP."P7.1" or RXI_IMA_GROUP."P7.1"; RNC_IMA_GROUP."P7.1" or NODEB_IMA_GROUP."P7.1" or RXI_IMA_GROUP."P7.1"	
Technology	Technology of the			RNC_IMA_GROUP."UMTS"	

	network/element (e.g. GSM, GPRS, UMTS).			or NODEB_IMA_GROUP."UMTS" S" or RXI_IMA_GROUP."UMTS"; RNC_IMA_GROUP."UMTS" or NODEB_IMA_GROUP."UMTS" S" or RXI_IMA_GROUP."UMTS"	
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5.26 IMA_Link details

In the network hierarchy, the immediate parent of the IMA_Link object is IMA_Group.

Attribute Name	Description	Read - Only ?	Time-Track ed?	Mapping	Aggrega tor
Primary Identifier					
IMA_Link_Id	Primary identifier of the IMA Link.	Y		RNC_IMA_LINK.nedn_SubNetwork & "/" & moid_ImaGroup & "/" & moid_ImaLink or NODEB_IMA_LINK.nedn_SubNetwork & "/" & nedn_MeContext & "/" & moid_ImaGroup & "/" & moid_ImaLink or RXI_IMA_LINK.nedn_SubNetwork & "/" & nedn_MeContext & "/" & moid_ImaGroup & "/" & moid_ImaLink; RNC_IMA_LINK.nedn_SubNetwork & "/" & moid_ImaGroup & "/" & moid_ImaLink or NODEB_IMA_LINK.nedn_SubNetwork & "/" & nedn_MeContext & "/" & moid_ImaGroup & "/" & moid_ImaLink or	

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				RXI_IMA_LINK.nedn_SubNetwork & "/" & nedn_MeContext & "/" & moid_ImaGroup & "/" & moid_ImaLink	
Relationship Attributes					
IMA_Group_Id	Identifier of the IMA Group.	Y	Y	RNC_IMA_LINK.nedn_SubNetwork & "/" & moid_ImaGroup or NODEB_IMA_LINK.nedn_SubNetwork & "/" & nedn_MeContext & "/" & moid_ImaGroup or RXI_IMA_LINK.nedn_SubNetwork & "/" & nedn_MeContext & "/" & moid_ImaGroup; RNC_IMA_LINK.nedn_SubNetwork & "/" & moid_ImaGroup or NODEB_IMA_LINK.nedn_SubNetwork & "/" & nedn_MeContext & "/" & moid_ImaGroup or RXI_IMA_LINK.nedn_SubNetwork & "/" & nedn_MeContext & "/" & moid_ImaGroup	
NodeB_Id	Identifier of the BS.	Y	Y	NODEB_IMA_LINK.nedn_SubNetwork & "/" & nedn_MeContext; NODEB_IMA_LINK.nedn_SubNetwork & "/" & nedn_MeContext	
RNC_Id	Identifier of the BSC/RNC.	Y	Y	RNC_IMA_LINK.nedn_SubNetwork or NODEB_IMA_LINK.nedn_SubNetwork or RXI_IMA_LINK.nedn_SubNetwork; RNC_IMA_LINK.nedn_SubNetwork or NODEB_IMA_LINK.nedn_SubNetwork or RXI_IMA_LINK.nedn_SubNetwork	

Region_Id	Identifier of the region of the IMA Link or RNC.	Y	Y	lookup("nc_bsc","region_id",utime(StartDate & StartTime,"%d %b %Y %R"), RNC_IMA_LINK.nedn_SubNetwork) or lookup("nc_bsc","region_id",utime(StartDate & StartTime,"%d %b %Y %R"), NODEB_IMA_LINK.nedn_SubNetwork) or lookup("nc_bsc","region_id",utime(StartDate & StartTime,"%d %b %Y %R"), RXI_IMA_LINK.nedn_SubNetwork); lookup("nc_bsc","region_id",utime(StartDate & StartTime,"%d %b %Y %R"), RNC_IMA_LINK.nedn_SubNetwork) or lookup("nc_bsc","region_id",utime(StartDate & StartTime,"%d %b %Y %R"), NODEB_IMA_LINK.nedn_SubNetwork) or lookup("nc_bsc","region_id",utime(StartDate & StartTime,"%d %b %Y %R"), RXI_IMA_LINK.nedn_SubNetwork)
Network_Id	Identifier of the network/PLMN.	Y	Y	lookup("nc_bsc","network_id",utime(StartDate & StartTime,"%d %b %Y %R"), RNC_IMA_LINK.nedn_SubNetwork) or lookup("nc_bsc","network_id",utime(StartDate & StartTime,"%d %b %Y %R"), NODEB_IMA_LINK.nedn_SubNetwork) or

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			<pre>lookup("nc_bsc","network_id", utime(StartDate & StartTime,"%d %b %Y %R"), RXI_IMA_LINK.nedn_SubNet work); lookup("nc_bsc","network_id", utime(StartDate & StartTime,"%d %b %Y %R"), RNC_IMA_LINK.nedn_SubNe twork) or lookup("nc_bsc","network_id", utime(StartDate & StartTime,"%d %b %Y %R"), NODEB_IMA_LINK.nedn_Su bNetwork) or lookup("nc_bsc","network_id", utime(StartDate & StartTime,"%d %b %Y %R"), RXI_IMA_LINK.nedn_SubNet work)</pre>	
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Configuration Attributes

IMA_Link_Name	Meaningful name of the IMA Link.		<pre>RNC_IMA_LINK.nedn_SubNe twork & "/" & moid_ImaGroup & "/" & moid_ImaLink or NODEB_IMA_LINK.nedn_Su bNetwork & "/" & nedn_MeContext & "/" & moid_ImaGroup & "/" & moid_ImaLink or RXI_IMA_LINK.nedn_SubNet work & "/" & nedn_MeContext & "/" & moid_ImaGroup & "/" & moid_ImaLink; RNC_IMA_LINK.nedn_SubNe twork & "/" & moid_ImaGroup & "/" & moid_ImaLink or NODEB_IMA_LINK.nedn_Su bNetwork & "/" & nedn_MeContext & "/" & moid_ImaGroup & "/" & moid_ImaLink or RXI_IMA_LINK.nedn_SubNet work & "/" & nedn_MeContext & "/" & moid_ImaGroup & "/" & moid_ImaLink</pre>	
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Version	Hardware/Software version of the IMA_link or RNC.			RNC_IMA_LINK."P7.1" or NODEB_IMA_LINK."P7.1" or RXI_IMA_LINK."P7.1"; RNC_IMA_LINK."P7.1" or NODEB_IMA_LINK."P7.1" or RXI_IMA_LINK."P7.1"	
Technology	Technology of the network/element (e.g. GSM, GPRS, UMTS).			RNC_IMA_LINK."UMTS" or NODEB_IMA_LINK."UMTS" or RXI_IMA_LINK."UMTS"; RNC_IMA_LINK."UMTS" or NODEB_IMA_LINK."UMTS" or RXI_IMA_LINK."UMTS"	

5.27 InternalEthernetPort_IpIf details

In the network hierarchy, the immediate parent of the InternalEthernetPort_IpIf object is InternalEthernetPort.

Attribute Name	Description	Read - Only ?	Time-Track ed?	Mapping	Aggrega tor
Primary Identifier					
InternalEthernet Port_IpIf_Id	The primary identifier of the InternalEthernetPort_IpIf .	Y		RNC_PInU_ExchTermIp_Int ernalEthPrt_IpIntf.nedn_Sub Network & "/" & moid_Equipment & "/" & moid_Subrack & "/" & moid_Slot & "/" & moid_PlugInUnit & "/" & moid_ExchangeTerminalIp & "/" & moid_InternalEthernetPort & "/" & moid_IpInterface or NodeB_PInU_ExchTermIp_I nternalEthPrt_IpIntf.nedn_Su bNetwork & "/" & nedn_MeContext & "/" & moid_Equipment & "/" &	

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moid_Subrack & "/" &
moid_Slot & "/" &
moid_PlugInUnit & "/" &
moid_ExchangeTerminalIp &
"/" &
moid_InternalEthernetPort &
"/" & moid_IpInterface or
RXI_PInU_ExchTermIp_Inte
rnalEthPrt_IpIntf.nedn_SubN
etwork & "/" &
nedn_MeContext & "/" &
moid_Equipment & "/" &
moid_Subrack & "/" &
moid_Slot & "/" &
moid_PlugInUnit & "/" &
moid_ExchangeTerminalIp &
"/" &
moid_InternalEthernetPort &
"/" & moid_IpInterface;
RNC_PInU_ExchTermIp_Int
ernalEthPrt_IpIntf.nedn_Sub
Network & "/" &
moid_Equipment & "/" &
moid_Subrack & "/" &
moid_Slot & "/" &
moid_PlugInUnit & "/" &
moid_ExchangeTerminalIp &
"/" &
moid_InternalEthernetPort &
"/" & moid_IpInterface or
NodeB_PInU_ExchTermIp_I
nternalEthPrt_IpIntf.nedn_Su
bNetwork & "/" &
nedn_MeContext & "/" &
moid_Equipment & "/" &
moid_Subrack & "/" &
moid_Slot & "/" &
moid_PlugInUnit & "/" &
moid_ExchangeTerminalIp &
"/" &
moid_InternalEthernetPort &
"/" & moid_IpInterface or
RXI_PInU_ExchTermIp_Inte
rnalEthPrt_IpIntf.nedn_SubN
etwork & "/" &
nedn_MeContext & "/" &

				moid_Equipment & "/" & moid_Subrack & "/" & moid_Slot & "/" & moid_PlugInUnit & "/" & moid_ExchangeTerminalIp & "/" & moid_InternalEthernetPort & "/" & moid_IpInterface	
Relationship Attributes					
InternalEthernetPort_Id	The InternalEthernetPort this device belongs to.	Y	Y	RNC_PInU_ExchTermIp_InternalEthPrt_IpIntf.nedn_SubNetwork & "/" & moid_Equipment & "/" & moid_Subrack & "/" & moid_Slot & "/" & moid_PlugInUnit & "/" & moid_ExchangeTerminalIp & "/" & moid_InternalEthernetPort or NodeB_PInU_ExchTermIp_InternalEthPrt_IpIntf.nedn_SubNetwork & "/" & nedn_MeContext & "/" & moid_Equipment & "/" & moid_Subrack & "/" & moid_Slot & "/" & moid_PlugInUnit & "/" & moid_ExchangeTerminalIp & "/" & moid_InternalEthernetPort or RXI_PInU_ExchTermIp_InternalEthPrt_IpIntf.nedn_SubNetwork & "/" & nedn_MeContext & "/" & moid_Equipment & "/" & moid_Subrack & "/" & moid_Slot & "/" & moid_PlugInUnit & "/" & moid_ExchangeTerminalIp & "/" &	

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				<p>moid_InternalEthernetPort; RNC_PInU_ExchTermIp_Int ernalEthPrt_IpIntf.nedn_Sub Network & "/" & moid_Equipment & "/" & moid_Subrack & "/" & moid_Slot & "/" & moid_PlugInUnit & "/" & moid_ExchangeTerminalIp & "/" & moid_InternalEthernetPort or NodeB_PInU_ExchTermIp_I nternalEthPrt_IpIntf.nedn_Su bNetwork & "/" & nedn_MeContext & "/" & moid_Equipment & "/" & moid_Subrack & "/" & moid_Slot & "/" & moid_PlugInUnit & "/" & moid_ExchangeTerminalIp & "/" & moid_InternalEthernetPort or RXI_PInU_ExchTermIp_Inte rnalEthPrt_IpIntf.nedn_SubN etwork & "/" & nedn_MeContext & "/" & moid_Equipment & "/" & moid_Subrack & "/" & moid_Slot & "/" & moid_PlugInUnit & "/" & moid_ExchangeTerminalIp & "/" & moid_InternalEthernetPort</p>	
Plug_In_Unit	Equipment Plug in Unit in a UTRAN network.	Y	Y	<p>RNC_PInU_ExchTermIp_Int ernalEthPrt_IpIntf.nedn_Sub Network & "/" & moid_Equipment & "/" & moid_Subrack & "/" & moid_Slot & "/" & moid_PlugInUnit or NodeB_PInU_ExchTermIp_I nternalEthPrt_IpIntf.nedn_Su bNetwork & "/" & nedn_MeContext & "/" & moid_Equipment & "/" &</p>	

				moid_Subrack & "/" & moid_Slot & "/" & moid_PlugInUnit or RXI_PInU_ExchTermIp_Inte rnalEthPrt_IpIntf.nedn_SubN etwork & "/" & nedn_MeContext & "/" & moid_Equipment & "/" & moid_Subrack & "/" & moid_Slot & "/" & moid_PlugInUnit; RNC_PInU_ExchTermIp_Int ernalEthPrt_IpIntf.nedn_Sub Network & "/" & moid_Equipment & "/" & moid_Subrack & "/" & moid_Slot & "/" & moid_PlugInUnit or NodeB_PInU_ExchTermIp_I nternalEthPrt_IpIntf.nedn_Su bNetwork & "/" & nedn_MeContext & "/" & moid_Equipment & "/" & moid_Subrack & "/" & moid_Slot & "/" & moid_PlugInUnit or RXI_PInU_ExchTermIp_Inte rnalEthPrt_IpIntf.nedn_SubN etwork & "/" & nedn_MeContext & "/" & moid_Equipment & "/" & moid_Subrack & "/" & moid_Slot & "/" & moid_PlugInUnit	
NodeB_Id	NodeB in a UTRAN network.	Y	Y	NodeB_PInU_ExchTermIp_I nternalEthPrt_IpIntf.nedn_Su bNetwork & "/" & nedn_MeContext; NodeB_PInU_ExchTermIp_I nternalEthPrt_IpIntf.nedn_Su	

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				bNetwork & "/" & nedn_MeContext	
RNC_Id	RNC in a UTRAN network.	Y	Y	RNC_PInU_ExchTermIp_InternalEthPrt_IpIntf.nedn_SubNetwork or NodeB_PInU_ExchTermIp_InternalEthPrt_IpIntf.nedn_SubNetwork or RXI_PInU_ExchTermIp_InternalEthPrt_IpIntf.nedn_SubNetwork; RNC_PInU_ExchTermIp_InternalEthPrt_IpIntf.nedn_SubNetwork or NodeB_PInU_ExchTermIp_InternalEthPrt_IpIntf.nedn_SubNetwork or RXI_PInU_ExchTermIp_InternalEthPrt_IpIntf.nedn_SubNetwork	
Network_Id	Network associated with the InternalEthernetPort_IpIf .	Y	Y	lookup("nc_bsc","network_id",utime(StartDate & StartTime,"%d %b %Y %R"),RNC_PInU_ExchTermIp_InternalEthPrt_IpIntf.nedn_SubNetwork) or lookup("nc_bsc","network_id",utime(StartDate & StartTime,"%d %b %Y %R"),NodeB_PInU_ExchTermIp_InternalEthPrt_IpIntf.nedn_SubNetwork) or lookup("nc_bsc","network_id",utime(StartDate & StartTime,"%d %b %Y %R"),RXI_PInU_ExchTermIp_InternalEthPrt_IpIntf.nedn_SubNetwork); lookup("nc_bsc","network_id",utime(StartDate & StartTime,"%d %b %Y %R"),RNC_PInU_ExchTermIp_InternalEthPrt_IpIntf.nedn_SubNetwork) or lookup("nc_bsc","network_id	

				",utime(StartDate & StartTime,"%d %b %Y %R"), NodeB_PInU_ExchTermIp_I nternalEthPrt_IpIntf.nedn_Su bNetwork) or lookup("nc_bsc","network_id ",utime(StartDate & StartTime,"%d %b %Y %R"), RXI_PInU_ExchTermIp_Inte rnalEthPrt_IpIntf.nedn_SubN etwork)
Region_Id	Region associated with the InternalEthernetPort_IpIf	Y	Y	lookup("nc_bsc","region_id", utime(StartDate & StartTime,"%d %b %Y %R"), RNC_PInU_ExchTermIp_Int ernalEthPrt_IpIntf.nedn_Sub Network) or lookup("nc_bsc","region_id", utime(StartDate & StartTime,"%d %b %Y %R"), NodeB_PInU_ExchTermIp_I nternalEthPrt_IpIntf.nedn_Su bNetwork) or lookup("nc_bsc","region_id", utime(StartDate & StartTime,"%d %b %Y %R"), RXI_PInU_ExchTermIp_Inte rnalEthPrt_IpIntf.nedn_SubN etwork); lookup("nc_bsc","region_id", utime(StartDate & StartTime,"%d %b %Y %R"), RNC_PInU_ExchTermIp_Int ernalEthPrt_IpIntf.nedn_Sub Network) or lookup("nc_bsc","region_id", utime(StartDate & StartTime,"%d %b %Y %R"), NodeB_PInU_ExchTermIp_I nternalEthPrt_IpIntf.nedn_Su

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				bNetwork) or lookup("nc_bsc","region_id", utime(StartDate & StartTime,"%d %b %Y %R"), RXI_PInU_ExchTermIp_Inte rnalEthPrt_IpIntf.nedn_SubN etwork)
Configuration Attributes				
InternalEthernet Port_IpIf_Name	The meaningful name of the InternalEthernetPort_IpIf			RNC_PInU_ExchTermIp_Int ernalEthPrt_IpIntf.nedn_Sub Network & "/" & moid_Equipment & "/" & moid_Subrack & "/" & moid_Slot & "/" & moid_PlugInUnit & "/" & moid_ExchangeTerminalIp & "/" & moid_InternalEthernetPort & "/" & moid_IpInterface or NodeB_PInU_ExchTermIp_I nternalEthPrt_IpIntf.nedn_Su bNetwork & "/" & nedn_MeContext & "/" & moid_Equipment & "/" & moid_Subrack & "/" & moid_Slot & "/" & moid_PlugInUnit & "/" & moid_ExchangeTerminalIp & "/" & moid_InternalEthernetPort & "/" & moid_IpInterface or RXI_PInU_ExchTermIp_Inte rnalEthPrt_IpIntf.nedn_SubN etwork & "/" & nedn_MeContext & "/" & moid_Equipment & "/" & moid_Subrack & "/" & moid_Slot & "/" & moid_PlugInUnit & "/" & moid_ExchangeTerminalIp & "/" & moid_InternalEthernetPort & "/" & moid_IpInterface; RNC_PInU_ExchTermIp_Int ernalEthPrt_IpIntf.nedn_Sub

				<p>Network & "/" & moid_Equipment & "/" & moid_Subrack & "/" & moid_Slot & "/" & moid_PlugInUnit & "/" & moid_ExchangeTerminalIp & "/" & moid_InternalEthernetPort & "/" & moid_IpInterface or NodeB_PInU_ExchTermIp_I nternalEthPrt_IpIntf.nedn_Su bNetwork & "/" & nedn_MeContext & "/" & moid_Equipment & "/" & moid_Subrack & "/" & moid_Slot & "/" & moid_PlugInUnit & "/" & moid_ExchangeTerminalIp & "/" & moid_InternalEthernetPort & "/" & moid_IpInterface or RXI_PInU_ExchTermIp_Inte rnalEthPrt_IpIntf.nedn_SubN etwork & "/" & nedn_MeContext & "/" & moid_Equipment & "/" & moid_Subrack & "/" & moid_Slot & "/" & moid_PlugInUnit & "/" & moid_ExchangeTerminalIp & "/" & moid_InternalEthernetPort & "/" & moid_IpInterface</p>
Technology	Technology of the network/element (e.g. GSM, GPRS, UMTS).			<p>RNC_PInU_ExchTermIp_Int ernalEthPrt_IpIntf."UMTS" or NodeB_PInU_ExchTermIp_I nternalEthPrt_IpIntf."UMTS" or RXI_PInU_ExchTermIp_Inte</p>

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				<p> rnalEthPrt_IpIntf."UMTS"; RNC_PInU_ExchTermIp_Int ernalEthPrt_IpIntf."UMTS" or NodeB_PInU_ExchTermIp_I nternalEthPrt_IpIntf."UMTS" or RXI_PInU_ExchTermIp_Inte rnalEthPrt_IpIntf."UMTS" </p>	
Version	Hardware/Software version of the InternalEthernetPort_IpIf .			<p> RNC_PInU_ExchTermIp_Int ernalEthPrt_IpIntf."P7.1" or NodeB_PInU_ExchTermIp_I nternalEthPrt_IpIntf."P7.1" or RXI_PInU_ExchTermIp_Inte rnalEthPrt_IpIntf."P7.1"; RNC_PInU_ExchTermIp_Int ernalEthPrt_IpIntf."P7.1" or NodeB_PInU_ExchTermIp_I nternalEthPrt_IpIntf."P7.1" or RXI_PInU_ExchTermIp_Inte rnalEthPrt_IpIntf."P7.1" </p>	
Node_Type	Type of Node.			<p> RNC_PInU_ExchTermIp_Int ernalEthPrt_IpIntf."RNC" or NodeB_PInU_ExchTermIp_I nternalEthPrt_IpIntf."NodeB" or RXI_PInU_ExchTermIp_Inte rnalEthPrt_IpIntf."RXI"; RNC_PInU_ExchTermIp_Int ernalEthPrt_IpIntf."RNC" or NodeB_PInU_ExchTermIp_I nternalEthPrt_IpIntf."NodeB" or RXI_PInU_ExchTermIp_Inte rnalEthPrt_IpIntf."RXI" </p>	
Node_Id	The unique identifier for the node this object is connected to.			No mapping; No mapping	
Node_Name	A user friendly name for this node the object is connected to.			No mapping; No mapping	

5.28 InternalEthernetPort details

In the network hierarchy, the immediate parent of the InternalEthernetPort object is Plug_In_Unit.

Attribute Name	Description	Read - Only ?	Time-Track ed?	Mapping	Aggrega tor
Primary Identifier					
InternalEthernetPort_Id	The primary identifier of the InternalEthernetPort	Y		RNC_InternalEthernetPort.ned n_SubNetwork & "/" & moid_Equipment & "/" & moid_Subrack & "/" & moid_Slot & "/" & moid_PlugInUnit & "/" & moid_ExchangeTerminalIp & "/" & moid_InternalEthernetPort or NODEB_InternalEthernetPort. nedn_SubNetwork & "/" & nedn_MeContext & "/" & moid_Equipment & "/" & moid_Subrack & "/" & moid_Slot & "/" & moid_PlugInUnit & "/" & moid_ExchangeTerminalIp & "/" & moid_InternalEthernetPort or RXI_InternalEthernetPort.ned n_SubNetwork & "/" & nedn_MeContext & "/" & moid_Equipment & "/" & moid_Subrack & "/" & moid_Slot & "/" & moid_PlugInUnit & "/" & moid_ExchangeTerminalIp & "/" & moid_InternalEthernetPort; RNC_InternalEthernetPort.ned n_SubNetwork & "/" & moid_Equipment & "/" &	

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				moid_Subrack & "/" & moid_Slot & "/" & moid_PlugInUnit & "/" & moid_ExchangeTerminallp & "/" & moid_InternalEthernetPort or NODEB_InternalEthernetPort. nedn_SubNetwork & "/" & nedn_MeContext & "/" & moid_Equipment & "/" & moid_Subrack & "/" & moid_Slot & "/" & moid_PlugInUnit & "/" & moid_ExchangeTerminallp & "/" & moid_InternalEthernetPort or RXI_InternalEthernetPort.ned n_SubNetwork & "/" & nedn_MeContext & "/" & moid_Equipment & "/" & moid_Subrack & "/" & moid_Slot & "/" & moid_PlugInUnit & "/" & moid_ExchangeTerminallp & "/" & moid_InternalEthernetPort	
--	--	--	--	---	--

Relationship Attributes

Plug_In_Unit_Id	Equipment Plug in Unit in a UTRAN network.	Y	Y	RNC_InternalEthernetPort.ned n_SubNetwork & "/" & moid_Equipment & "/" & moid_Subrack & "/" & moid_Slot & "/" & moid_PlugInUnit or NODEB_InternalEthernetPort. nedn_SubNetwork & "/" & nedn_MeContext & "/" & moid_Equipment & "/" & moid_Subrack & "/" & moid_Slot & "/" & moid_PlugInUnit or RXI_InternalEthernetPort.ned n_SubNetwork & "/" & nedn_MeContext & "/" & moid_Equipment & "/" & moid_Subrack & "/" &	
-----------------	--	---	---	--	--

				moid_Slot & "/" & moid_PlugInUnit; RNC_InternalEthernetPort.ned n_SubNetwork & "/" & moid_Equipment & "/" & moid_Subrack & "/" & moid_Slot & "/" & moid_PlugInUnit or NODEB_InternalEthernetPort. nedn_SubNetwork & "/" & nedn_MeContext & "/" & moid_Equipment & "/" & moid_Subrack & "/" & moid_Slot & "/" & moid_PlugInUnit or RXI_InternalEthernetPort.ned n_SubNetwork & "/" & nedn_MeContext & "/" & moid_Equipment & "/" & moid_Subrack & "/" & moid_Slot & "/" & moid_PlugInUnit	
NodeB_Id	NodeB in a UTRAN network.	Y	Y	NODEB_InternalEthernetPort. nedn_SubNetwork & "/" & nedn_MeContext; NODEB_InternalEthernetPort. nedn_SubNetwork & "/" & nedn_MeContext	
RNC_Id	RNC in a UTRAN network.	Y	Y	RNC_InternalEthernetPort.ned n_SubNetwork or NODEB_InternalEthernetPort. nedn_SubNetwork or RXI_InternalEthernetPort.ned n_SubNetwork; RNC_InternalEthernetPort.ned n_SubNetwork or NODEB_InternalEthernetPort. nedn_SubNetwork or RXI_InternalEthernetPort.ned n_SubNetwork	

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Network_Id	Network associated with the InternalEthernetPort.	Y	Y	lookup("nc_bsc","network_id",utime(StartDate & StartTime,"%d %b %Y %R"),RNC_InternalEthernetPort.nedn_SubNetwork) or lookup("nc_bsc","network_id",utime(StartDate & StartTime,"%d %b %Y %R"),NODEB_InternalEthernetPort.nedn_SubNetwork) or lookup("nc_bsc","network_id",utime(StartDate & StartTime,"%d %b %Y %R"),RXI_InternalEthernetPort.nedn_SubNetwork); lookup("nc_bsc","network_id",utime(StartDate & StartTime,"%d %b %Y %R"),RNC_InternalEthernetPort.nedn_SubNetwork) or lookup("nc_bsc","network_id",utime(StartDate & StartTime,"%d %b %Y %R"),NODEB_InternalEthernetPort.nedn_SubNetwork) or lookup("nc_bsc","network_id",utime(StartDate & StartTime,"%d %b %Y %R"),RXI_InternalEthernetPort.nedn_SubNetwork)	
Region_Id	Region associated with the InternalEthernetPort.	Y	Y	lookup("nc_bsc","region_id",utime(StartDate & StartTime,"%d %b %Y %R"),RNC_InternalEthernetPort.nedn_SubNetwork) or lookup("nc_bsc","region_id",utime(StartDate & StartTime,"%d %b %Y %R"),NODEB_InternalEthernetPort.nedn_SubNetwork) or lookup("nc_bsc","region_id",utime(StartDate & StartTime,"%d %b %Y %R"),RXI_InternalEthernetPort.nedn_SubNetwork);	

				lookup("nc_bsc","region_id",u time(StartDate & StartTime,"%d %b %Y %R"), RNC_InternalEthernetPort.ned n_SubNetwork) or lookup("nc_bsc","region_id",u time(StartDate & StartTime,"%d %b %Y %R"), NODEB_InternalEthernetPort. nedn_SubNetwork) or lookup("nc_bsc","region_id",u time(StartDate & StartTime,"%d %b %Y %R"), RXI_InternalEthernetPort.ned n_SubNetwork)
Configuration Attributes				
InternalEthernet Port_Name	The meaningful name of the InternalEthernetPort			RNC_InternalEthernetPort.ned n_SubNetwork & "/" & moid_Equipment & "/" & moid_Subrack & "/" & moid_Slot & "/" & moid_PlugInUnit & "/" & moid_ExchangeTerminalIp & "/" & moid_InternalEthernetPort or NODEB_InternalEthernetPort. nedn_SubNetwork & "/" & nedn_MeContext & "/" & moid_Equipment & "/" & moid_Subrack & "/" & moid_Slot & "/" & moid_PlugInUnit & "/" & moid_ExchangeTerminalIp & "/" & moid_InternalEthernetPort or RXI_InternalEthernetPort.ned n_SubNetwork & "/" & nedn_MeContext & "/" & moid_Equipment & "/" & moid_Subrack & "/" &

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			<pre> moid_Slot & "/" & moid_PlugInUnit & "/" & moid_ExchangeTerminalIp & "/" & moid_InternalEthernetPort; RNC_InternalEthernetPort.ned n_SubNetwork & "/" & moid_Equipment & "/" & moid_Subrack & "/" & moid_Slot & "/" & moid_PlugInUnit & "/" & moid_ExchangeTerminalIp & "/" & moid_InternalEthernetPort or NODEB_InternalEthernetPort. nedn_SubNetwork & "/" & nedn_MeContext & "/" & moid_Equipment & "/" & moid_Subrack & "/" & moid_Slot & "/" & moid_PlugInUnit & "/" & moid_ExchangeTerminalIp & "/" & moid_InternalEthernetPort or RXI_InternalEthernetPort.ned n_SubNetwork & "/" & nedn_MeContext & "/" & moid_Equipment & "/" & moid_Subrack & "/" & moid_Slot & "/" & moid_PlugInUnit & "/" & moid_ExchangeTerminalIp & "/" & moid_InternalEthernetPort </pre>	
Technology	Technology of the network/element (e.g. GSM, GPRS, UMTS).		<pre> RNC_InternalEthernetPort."U MTS" or NODEB_InternalEthernetPort. "UMTS" or RXI_InternalEthernetPort."U MTS"; RNC_InternalEthernetPort."U MTS" or NODEB_InternalEthernetPort. "UMTS" or RXI_InternalEthernetPort."U </pre>	

				MTS"	
Version	Hardware/Software version of the InternalEthernetPort.			RNC_InternalEthernetPort."P7.1" or NODEB_InternalEthernetPort."P7.1" or RXI_InternalEthernetPort."P7.1"; RNC_InternalEthernetPort."P7.1" or NODEB_InternalEthernetPort."P7.1" or RXI_InternalEthernetPort."P7.1"	
Node_Type	Type of Node.			RNC_InternalEthernetPort."RNC" or NODEB_InternalEthernetPort."NodeB" or RXI_InternalEthernetPort."RXI"; RNC_InternalEthernetPort."RNC" or NODEB_InternalEthernetPort."NodeB" or RXI_InternalEthernetPort."RXI"	
Node_Id	The unique identifier for the node this object is connected to.			No mapping; No mapping	
Node_Name	A user friendly name for this node the object is connected to.			No mapping; No mapping	

5.29 InternalLinkGroup details

In the network hierarchy, the immediate parents of the InternalLinkGroup object are: RNC and NodeB.

Attribute	Description	Read	Time-	Mapping	Aggrega
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Name		- Only ?	Track ed?		tor
Primary Identifier					
InternalLinkGroup_Id	A unique identifier for the InternalLinkGroup.	Y		RNC_SwitchFabric_InternalLinkGroup.nedn_SubNetwork & "/" & moid_SwitchFabric & "/" & moid_InternalLinkGroup or NodeB_SwitchFabric_InternalLinkGroup.nedn_SubNetwork & "/" & nedn_MeContext & "/" & moid_SwitchFabric & "/" & moid_InternalLinkGroup or RXI_SwitchFabric_InternalLinkGroup.nedn_SubNetwork & "/" & nedn_MeContext & "/" & moid_SwitchFabric & "/" & moid_InternalLinkGroup; RNC_SwitchFabric_InternalLinkGroup.nedn_SubNetwork & "/" & moid_SwitchFabric & "/" & moid_InternalLinkGroup or NodeB_SwitchFabric_InternalLinkGroup.nedn_SubNetwork & "/" & nedn_MeContext & "/" & moid_SwitchFabric & "/" & moid_InternalLinkGroup or RXI_SwitchFabric_InternalLinkGroup.nedn_SubNetwork & "/" & nedn_MeContext & "/" & moid_SwitchFabric & "/" & moid_InternalLinkGroup	
Relationship Attributes					
Network_Id	Network associated with the node where InternalLinkGroup is setup against.	Y	Y	lookup("nc_bsc","network_id", utime(StartDate & StartTime,"%d %b %Y %R"), RNC_SwitchFabric_InternalLinkGroup.nedn_SubNetwork) or lookup("nc_bsc","network_id", utime(StartDate & StartTime,"%d %b %Y %R"), NodeB_SwitchFabric_InternalLinkGroup.nedn_SubNetwork)	

				<p>or lookup("nc_bsc","network_id", utime(StartDate & StartTime,"%d %b %Y %R"), RXI_SwitchFabric_InternalLin kGroup.nedn_SubNetwork); lookup("nc_bsc","network_id", utime(StartDate & StartTime,"%d %b %Y %R"), RNC_SwitchFabric_InternalLi nkGroup.nedn_SubNetwork) or lookup("nc_bsc","network_id", utime(StartDate & StartTime,"%d %b %Y %R"), NodeB_SwitchFabric_Internal LinkGroup.nedn_SubNetwork) or lookup("nc_bsc","network_id", utime(StartDate & StartTime,"%d %b %Y %R"), RXI_SwitchFabric_InternalLin kGroup.nedn_SubNetwork)</p>
RNC_Id	The RNC associated with the node where InternalLinkGroup is setup against.	Y	Y	<p>RNC_SwitchFabric_InternalLi nkGroup.nedn_SubNetwork or NodeB_SwitchFabric_Internal LinkGroup.nedn_SubNetwork or RXI_SwitchFabric_InternalLin kGroup.nedn_SubNetwork; RNC_SwitchFabric_InternalLi nkGroup.nedn_SubNetwork or NodeB_SwitchFabric_Internal LinkGroup.nedn_SubNetwork or RXI_SwitchFabric_InternalLin kGroup.nedn_SubNetwork</p>
NodeB_Id	The NodeB in a UTRAN network.	Y	Y	<p>NodeB_SwitchFabric_Internal LinkGroup.nedn_SubNetwork & "/" & nedn_MeContext; NodeB_SwitchFabric_Internal</p>

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				LinkGroup.nedn_SubNetwork & "/" & nedn_MeContext	
Region_Id	Region associated with the InternalLinkGroup	Y	Y	lookup("nc_bsc","region_id",utime(StartDate & StartTime,"%d %b %Y %R"),RNC_SwitchFabric_InternalLinkGroup.nedn_SubNetwork) or lookup("nc_bsc","region_id",utime(StartDate & StartTime,"%d %b %Y %R"),NodeB_SwitchFabric_InternalLinkGroup.nedn_SubNetwork) or lookup("nc_bsc","region_id",utime(StartDate & StartTime,"%d %b %Y %R"),RXI_SwitchFabric_InternalLinkGroup.nedn_SubNetwork); lookup("nc_bsc","region_id",utime(StartDate & StartTime,"%d %b %Y %R"),RNC_SwitchFabric_InternalLinkGroup.nedn_SubNetwork) or lookup("nc_bsc","region_id",utime(StartDate & StartTime,"%d %b %Y %R"),NodeB_SwitchFabric_InternalLinkGroup.nedn_SubNetwork) or lookup("nc_bsc","region_id",utime(StartDate & StartTime,"%d %b %Y %R"),RXI_SwitchFabric_InternalLinkGroup.nedn_SubNetwork)	
Configuration Attributes					
InternalLinkGroup_Name	A user friendly name preferably unique for the InternalLinkGroup			RNC_SwitchFabric_InternalLinkGroup.nedn_SubNetwork & "/" & moid_SwitchFabric & "/" & moid_InternalLinkGroup or NodeB_SwitchFabric_InternalLinkGroup.nedn_SubNetwork & "/" & nedn_MeContext & "/" & moid_SwitchFabric & "/" & moid_InternalLinkGroup or	

				RXI_SwitchFabric_InternalLinkGroup.nedn_SubNetwork & "/" & nedn_MeContext & "/" & moid_SwitchFabric & "/" & moid_InternalLinkGroup; RNC_SwitchFabric_InternalLinkGroup.nedn_SubNetwork & "/" & moid_SwitchFabric & "/" & moid_InternalLinkGroup or NodeB_SwitchFabric_InternalLinkGroup.nedn_SubNetwork & "/" & nedn_MeContext & "/" & moid_SwitchFabric & "/" & moid_InternalLinkGroup or RXI_SwitchFabric_InternalLinkGroup.nedn_SubNetwork & "/" & nedn_MeContext & "/" & moid_SwitchFabric & "/" & moid_InternalLinkGroup
Node_Type	Type of Node.			RNC_SwitchFabric_InternalLinkGroup."RNC" or NodeB_SwitchFabric_InternalLinkGroup."NodeB" or RXI_SwitchFabric_InternalLinkGroup."RXI"; RNC_SwitchFabric_InternalLinkGroup."RNC" or NodeB_SwitchFabric_InternalLinkGroup."NodeB" or RXI_SwitchFabric_InternalLinkGroup."RXI"
Version	Hardware/Software version of the InternalLinkGroup			RNC_SwitchFabric_InternalLinkGroup."P7.1" or NodeB_SwitchFabric_InternalLinkGroup."P7.1" or RXI_SwitchFabric_InternalLinkGroup."P7.1"; RNC_SwitchFabric_InternalLinkGroup."P7.1" or NodeB_SwitchFabric_Internal

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				LinkGroup."P7.1" or RXI_SwitchFabric_InternalLinkGroup."P7.1"	
Technology	Technology of the network/element (e.g. GSM, GPRS, UMTS).			RNC_SwitchFabric_InternalLinkGroup."UMTS" or NodeB_SwitchFabric_InternalLinkGroup."UMTS" or RXI_SwitchFabric_InternalLinkGroup."UMTS"; RNC_SwitchFabric_InternalLinkGroup."UMTS" or NodeB_SwitchFabric_InternalLinkGroup."UMTS" or RXI_SwitchFabric_InternalLinkGroup."UMTS"	
Node_Id	The unique identifier for the node this object is connected to.			No mapping; No mapping	
Node_Name	A user friendly name for this node the object is connected to.			No mapping; No mapping	

5.30 Ip_Atm_Link details

In the network hierarchy, the immediate parent of the Ip_Atm_Link object is IP_Interface.

Attribute Name	Description	Read - Only ?	Time-Track ed?	Mapping	Aggregator
Primary Identifier					
Ip_Atm_Link_Id	A unique identifier for the IP over ATM Link in a UTRAN network.	Y		RNC_IP_ATM_Link.nedn_SubNetwork & "/" & moid_IpOam & "/" & moid_Ip & "/" & moid_IpAtmLink or NODEB_IP_ATM_Link.nedn_SubNetwork & "/" & nedn_MeContext & "/" & moid_IpOam & "/" & moid_Ip & "/" & moid_IpAtmLink or RXI_IP_ATM_Link.nedn_SubNetwork & "/" &	

				nedn_MeContext & "/" & moid_IpOam & "/" & moid_Ip & "/" & moid_IpAtmLink; RNC_IP_ATM_Link.nedn_SubNetwork & "/" & moid_IpOam & "/" & moid_Ip & "/" & moid_IpAtmLink or NODEB_IP_ATM_Link.nedn_SubNetwork & "/" & nedn_MeContext & "/" & moid_IpOam & "/" & moid_Ip & "/" & moid_IpAtmLink or RXI_IP_ATM_Link.nedn_SubNetwork & "/" & nedn_MeContext & "/" & moid_IpOam & "/" & moid_Ip & "/" & moid_IpAtmLink
Relationship Attributes				
Network_Id	Network associated with the IP ATM Link.	Y	Y	lookup("nc_bsc","network_id", utime(StartDate & StartTime,"%d %b %Y %R"), RNC_IP_ATM_Link.nedn_SubNetwork) or lookup("nc_bsc","network_id", utime(StartDate & StartTime,"%d %b %Y %R"), NODEB_IP_ATM_Link.nedn_SubNetwork) or lookup("nc_bsc","network_id", utime(StartDate & StartTime,"%d %b %Y %R"), RXI_IP_ATM_Link.nedn_SubNetwork); lookup("nc_bsc","network_id", utime(StartDate & StartTime,"%d %b %Y %R"), RNC_IP_ATM_Link.nedn_SubNetwork) or lookup("nc_bsc","network_id", utime(StartDate &

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				StartTime,"%d %b %Y %R"), NODEB_IP_ATM_Link.nedn_SubNetwork) or lookup("nc_bsc","network_id", utime(StartDate & StartTime,"%d %b %Y %R"), RXI_IP_ATM_Link.nedn_Sub Network)
NodeB_Id	NodeB in a UTRAN network.	Y	Y	NODEB_IP_ATM_Link.nedn_SubNetwork & "/" & nedn_MeContext; NODEB_IP_ATM_Link.nedn_SubNetwork & "/" & nedn_MeContext
RNC_Id	RNC in a UTRAN network.	Y	Y	RNC_IP_ATM_Link.nedn_SubNetwork or NODEB_IP_ATM_Link.nedn_SubNetwork or RXI_IP_ATM_Link.nedn_SubNetwork; RNC_IP_ATM_Link.nedn_SubNetwork or NODEB_IP_ATM_Link.nedn_SubNetwork or RXI_IP_ATM_Link.nedn_SubNetwork
Region_Id	Region associated with the IP ATM Link.	Y	Y	lookup("nc_bsc","region_id",utime(StartDate & StartTime,"%d %b %Y %R"), RNC_IP_ATM_Link.nedn_SubNetwork) or lookup("nc_bsc","region_id",utime(StartDate & StartTime,"%d %b %Y %R"), NODEB_IP_ATM_Link.nedn_SubNetwork) or lookup("nc_bsc","region_id",utime(StartDate & StartTime,"%d %b %Y %R"), RXI_IP_ATM_Link.nedn_SubNetwork); lookup("nc_bsc","region_id",utime(StartDate & StartTime,"%d %b %Y %R"),

				RNC_IP_ATM_Link.nedn_Sub Network) or lookup("nc_bsc","region_id",time(StartDate & StartTime,"%d %b %Y %R"), NODEB_IP_ATM_Link.nedn_SubNetwork) or lookup("nc_bsc","region_id",time(StartDate & StartTime,"%d %b %Y %R"), RXI_IP_ATM_Link.nedn_Sub Network)	
Interface_Id	IP Link in a UTRAN network.	Y	Y	RNC_IP_ATM_Link.nedn_Sub Network & "/" & moid_IpOam & "/" & moid_Ip or NODEB_IP_ATM_Link.nedn_SubNetwork & "/" & nedn_MeContext & "/" & moid_IpOam & "/" & moid_Ip or RXI_IP_ATM_Link.nedn_Sub Network & "/" & nedn_MeContext & "/" & moid_IpOam & "/" & moid_Ip; RNC_IP_ATM_Link.nedn_Sub Network & "/" & moid_IpOam & "/" & moid_Ip or NODEB_IP_ATM_Link.nedn_SubNetwork & "/" & nedn_MeContext & "/" & moid_IpOam & "/" & moid_Ip or RXI_IP_ATM_Link.nedn_Sub Network & "/" & nedn_MeContext & "/" & moid_IpOam & "/" & moid_Ip	
Configuration Attributes					
Ip_Atm_Link_Name	A user-friendly name preferably unique for the			RNC_IP_ATM_Link.nedn_Sub Network & "/" & moid_IpOam	

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	Ip Atm Link.		& "/" & moid_Ip & "/" & moid_IpAtmLink or NODEB_IP_ATM_Link.nedn_ SubNetwork & "/" & nedn_MeContext & "/" & moid_IpOam & "/" & moid_Ip & "/" & moid_IpAtmLink or RXI_IP_ATM_Link.nedn_Sub Network & "/" & nedn_MeContext & "/" & moid_IpOam & "/" & moid_Ip & "/" & moid_IpAtmLink; RNC_IP_ATM_Link.nedn_Sub Network & "/" & moid_IpOam & "/" & moid_Ip & "/" & moid_IpAtmLink or NODEB_IP_ATM_Link.nedn_ SubNetwork & "/" & nedn_MeContext & "/" & moid_IpOam & "/" & moid_Ip & "/" & moid_IpAtmLink or RXI_IP_ATM_Link.nedn_Sub Network & "/" & nedn_MeContext & "/" & moid_IpOam & "/" & moid_Ip & "/" & moid_IpAtmLink	
Technology	Technology of the network/element (e.g. GSM, GPRS, UMTS).		RNC_IP_ATM_Link."UMTS" or NODEB_IP_ATM_Link."UMT S" or RXI_IP_ATM_Link."UMTS"; RNC_IP_ATM_Link."UMTS" or NODEB_IP_ATM_Link."UMT S" or RXI_IP_ATM_Link."UMTS"	
Version	Hardware/Software version of the IP ATM Link.		RNC_IP_ATM_Link."P7.1" or NODEB_IP_ATM_Link."P7.1" or RXI_IP_ATM_Link."P7.1"; RNC_IP_ATM_Link."P7.1" or NODEB_IP_ATM_Link."P7.1" or RXI_IP_ATM_Link."P7.1"	
Node_Type	Type of Node.		RNC_IP_ATM_Link."RNC" or NODEB_IP_ATM_Link."Node	

				B" or RXI_IP_ATM_Link."RXI" ; RNC_IP_ATM_Link."RNC" or NODEB_IP_ATM_Link."Node B" or RXI_IP_ATM_Link."RXI"	
Node_Id	The unique identifier for the node this object is connected to.			No mapping; No mapping	
Node_Name	A user friendly name for this node the object is connected to.			No mapping; No mapping	
Ip_protocol_layer_id	The identifier of the Ip_protocol_layer_id			No mapping; No mapping	
IP_System	IP_System in a UTRAN network.			RNC_IP_ATM_Link.nedn_SubNetwork & "/" & moid_IpOam or NODEB_IP_ATM_Link.nedn_SubNetwork & "/" & nedn_MeContext & "/" & moid_IpOam or RXI_IP_ATM_Link.nedn_SubNetwork & "/" & nedn_MeContext & "/" & moid_IpOam; RNC_IP_ATM_Link.nedn_SubNetwork & "/" & moid_IpOam or NODEB_IP_ATM_Link.nedn_SubNetwork & "/" & nedn_MeContext & "/" & moid_IpOam or RXI_IP_ATM_Link.nedn_SubNetwork & "/" & nedn_MeContext & "/" & moid_IpOam	

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5.31 IP_Interface details

In the network hierarchy, the immediate parent of the IP_Interface object is Region.

Attribute Name	Description	Read - Only ?	Time-Track ed?	Mapping	Aggrega tor
Primary Identifier					
Interface_Id	A unique identifier for the IP Interface.	Y		RNC_IP_Link.nedn_SubNetwork & "/" & moid_IpOam & "/" & moid_Ip or NODEB_IP_Link.nedn_SubNetwork & "/" & nedn_MeContext & "/" & moid_IpOam & "/" & moid_Ip or RXI_IP_Link.nedn_SubNetwork & "/" & nedn_MeContext & "/" & moid_IpOam & "/" & moid_Ip or PlugInUnit_EtMfg_GigaBitEthernet_IpIntf.nedn_SubNetwork & "/" & moid_Equipment & "/" & moid_Subrack & "/" & moid_Slot & "/" & moid_PlugInUnit & "/" & moid_EtMfg & "/" & moid_GigaBitEthernet & "/" & moid_IpInterface; RNC_IP_Link.nedn_SubNetwork & "/" & moid_IpOam & "/" & moid_Ip or NODEB_IP_Link.nedn_SubNetwork & "/" & nedn_MeContext & "/" & moid_IpOam & "/" & moid_Ip or RXI_IP_Link.nedn_SubNetwork & "/" & nedn_MeContext & "/" & moid_IpOam & "/" & moid_Ip or PlugInUnit_EtMfg_GigaBitEthernet_IpIntf.nedn_SubNetwork & "/" & moid_Equipment & "/" & moid_Subrack & "/" & moid_Slot & "/" & moid_PlugInUnit & "/" &	

				moid_EtMfg & "/" & moid_GigaBitEthernet & "/" & moid_IpInterface
Relationship Attributes				
Network_Id	Network associated with the IP Interface.	Y	Y	lookup("nc_bsc","network_id", utime(StartDate & StartTime,"%d %b %Y %R"), RNC_IP_Link.nedn_SubNetwork) or lookup("nc_bsc","network_id", utime(StartDate & StartTime,"%d %b %Y %R"), NODEB_IP_Link.nedn_SubNetwork) or lookup("nc_bsc","network_id", utime(StartDate & StartTime,"%d %b %Y %R"), RXI_IP_Link.nedn_SubNetwork) or lookup("nc_bsc","network_id", utime(StartDate & StartTime,"%d %b %Y %R"), PlugInUnit_EtMfg_GigaBitEther_IpIntf.nedn_SubNetwork); lookup("nc_bsc","network_id", utime(StartDate & StartTime,"%d %b %Y %R"), RNC_IP_Link.nedn_SubNetwork) or lookup("nc_bsc","network_id", utime(StartDate & StartTime,"%d %b %Y %R"), NODEB_IP_Link.nedn_SubNetwork) or lookup("nc_bsc","network_id", utime(StartDate & StartTime,"%d %b %Y %R"), RXI_IP_Link.nedn_SubNetwork) or lookup("nc_bsc","network_id",

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				<pre> time(StartDate & StartTime,"%d %b %Y %R"), PlugInUnit_EtMfg_GigaBitEth er_IpIntf.nedn_SubNetwork) </pre>
Region_Id	Region associated with the IP Interface.	Y	Y	<pre> lookup("nc_bsc","region_id",uti me(StartDate & StartTime,"%d %b %Y %R"), RNC_IP_Link.nedn_SubNetwo rk) or lookup("nc_bsc","region_id",uti me(StartDate & StartTime,"%d %b %Y %R"), NODEB_IP_Link.nedn_SubNet work) or lookup("nc_bsc","region_id",uti me(StartDate & StartTime,"%d %b %Y %R"), RXI_IP_Link.nedn_SubNetwor k) or lookup("nc_bsc","region_id",uti me(StartDate & StartTime,"%d %b %Y %R"), PlugInUnit_EtMfg_GigaBitEth er_IpIntf.nedn_SubNetwork); lookup("nc_bsc","region_id",uti me(StartDate & StartTime,"%d %b %Y %R"), RNC_IP_Link.nedn_SubNetwo rk) or lookup("nc_bsc","region_id",uti me(StartDate & StartTime,"%d %b %Y %R"), NODEB_IP_Link.nedn_SubNet work) or lookup("nc_bsc","region_id",uti me(StartDate & StartTime,"%d %b %Y %R"), RXI_IP_Link.nedn_SubNetwor k) or lookup("nc_bsc","region_id",uti me(StartDate & StartTime,"%d %b %Y %R"), PlugInUnit_EtMfg_GigaBitEth er_IpIntf.nedn_SubNetwork) </pre>
Configuration Attributes				

<p>Interface_Name</p>	<p>A user friendly name preferably unique for the IP Interface.</p>		<p>RNC_IP_Link.nedn_SubNetwork & "/" & moid_IpOam & "/" & moid_Ip or NODEB_IP_Link.nedn_SubNetwork & "/" & nedn_MeContext & "/" & moid_IpOam & "/" & moid_Ip or RXI_IP_Link.nedn_SubNetwork & "/" & nedn_MeContext & "/" & moid_IpOam & "/" & moid_Ip or PlugInUnit_EtMfg_GigaBitEthernet_IpIntf.nedn_SubNetwork & "/" & moid_Equipment & "/" & moid_Subrack & "/" & moid_Slot & "/" & moid_PlugInUnit & "/" & moid_EtMfg & "/" & moid_GigaBitEthernet & "/" & moid_IpInterface; RNC_IP_Link.nedn_SubNetwork & "/" & moid_IpOam & "/" & moid_Ip or NODEB_IP_Link.nedn_SubNetwork & "/" & nedn_MeContext & "/" & moid_IpOam & "/" & moid_Ip or RXI_IP_Link.nedn_SubNetwork & "/" & nedn_MeContext & "/" & moid_IpOam & "/" & moid_Ip or PlugInUnit_EtMfg_GigaBitEthernet_IpIntf.nedn_SubNetwork & "/" & moid_Equipment & "/" & moid_Subrack & "/" & moid_Slot & "/" & moid_PlugInUnit & "/" & moid_EtMfg & "/" & moid_GigaBitEthernet & "/" & moid_IpInterface</p>	
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IP_Address	IP Address of the Node connected to the IP Interface.			No mapping; No mapping	
Interface_Duplex	Interface duplex allocation.			No mapping; No mapping	
Interface_Version	Hardware/Software version of the IP Interface.			RNC_IP_Link."P7.1" or NODEB_IP_Link."P7.1" or RXI_IP_Link."P7.1" or PlugInUnit_EtMfg_GigaBitEthernet_IpIntf."P7.1"; RNC_IP_Link."P7.1" or NODEB_IP_Link."P7.1" or RXI_IP_Link."P7.1" or PlugInUnit_EtMfg_GigaBitEthernet_IpIntf."P7.1"	
MTU	Maximum Transmission Unit of the IP Interface.			No mapping; No mapping	
Mib2_if_desc_r	Description of the Mib2 interface.			No mapping; No mapping	
Mib2_if_index	Index of the Mib2 interface.			No mapping; No mapping	
Mib2_if_name	A user friendly name preferably unique for the Mib2 interface.			No mapping; No mapping	
Mib2_if_type	Type of Mib2 interface.			No mapping; No mapping	
Node_Id	A unique identifier for the Node (connected to the IP Interface).			NODEB_IP_Link.nedn_SubNetwork & "/" & nedn_MeContext or RNC_IP_Link.nedn_SubNetwork or RXI_IP_Link.nedn_SubNetwork & "/" & nedn_MeContext or PlugInUnit_EtMfg_GigaBitEthernet_IpIntf.nedn_SubNetwork; NODEB_IP_Link.nedn_SubNetwork & "/" & nedn_MeContext or RNC_IP_Link.nedn_SubNetwork or RXI_IP_Link.nedn_SubNetwork & "/" & nedn_MeContext or	

				PlugInUnit_EtMfg_GigaBitEther_IpIntf.nedn_SubNetwork	
Node_Name	A user friendly name preferably unique for the Node (connected to the IP Interface).			NODEB_IP_Link.nedn_SubNetwork & "/" & nedn_MeContext or RNC_IP_Link.nedn_SubNetwork or RXI_IP_Link.nedn_SubNetwork & "/" & nedn_MeContext or PlugInUnit_EtMfg_GigaBitEther_IpIntf.nedn_SubNetwork; NODEB_IP_Link.nedn_SubNetwork & "/" & nedn_MeContext or RNC_IP_Link.nedn_SubNetwork or RXI_IP_Link.nedn_SubNetwork & "/" & nedn_MeContext or PlugInUnit_EtMfg_GigaBitEther_IpIntf.nedn_SubNetwork	
Node_Type	Type of Node (connected to the IP Interface).			RNC_IP_Link."RNC" or NODEB_IP_Link."NodeB" or RXI_IP_Link."RXI" or PlugInUnit_EtMfg_GigaBitEther_IpIntf."RNC"; RNC_IP_Link."RNC" or NODEB_IP_Link."NodeB" or RXI_IP_Link."RXI" or PlugInUnit_EtMfg_GigaBitEther_IpIntf."RNC"	
Physical_address	Physical address of the IP Interface.			No mapping; No mapping	
Speed	Transmission speed of the IP Interface.			No mapping; No mapping	
Subnet_Prefix_Length	Subnet prefix length allocation.			No mapping; No mapping	
Technology	Technology of the			RNC_IP_Link."UMTS" or	

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				bNetwork & "/" & nedn_MeContext & "/" & moid_IpSystem & "/" & moid_IpAccessHostEt	
Relationship Attributes					
NodeB_Id	NodeB in a UTRAN network.	Y	Y	NODEB_IpAccessHostEt.nedn_SubNetwork & "/" & nedn_MeContext; NODEB_IpAccessHostEt.nedn_SubNetwork & "/" & nedn_MeContext	
RNC_Id	RNC in a UTRAN network.	Y	Y	RNC_IpAccessHostEt.nedn_SubNetwork or NODEB_IpAccessHostEt.nedn_SubNetwork or RXI_IpAccessHostEt.nedn_SubNetwork; RNC_IpAccessHostEt.nedn_SubNetwork or NODEB_IpAccessHostEt.nedn_SubNetwork or RXI_IpAccessHostEt.nedn_SubNetwork	
Network_Id	Network associated with the IpAccessHostEt.	Y	Y	lookup("nc_bsc","network_id", utime(StartDate & StartTime,"%d %b %Y %R"), RNC_IpAccessHostEt.nedn_SubNetwork) or lookup("nc_bsc","network_id", utime(StartDate & StartTime,"%d %b %Y %R"), NODEB_IpAccessHostEt.nedn_SubNetwork) or lookup("nc_bsc","network_id", utime(StartDate & StartTime,"%d %b %Y %R"), RXI_IpAccessHostEt.nedn_SubNetwork);	

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				<p>lookup("nc_bsc","network_id", utime(StartDate & StartTime,"%d %b %Y %R"), RNC_IpAccessHostEt.nedn_Su bNetwork) or lookup("nc_bsc","network_id", utime(StartDate & StartTime,"%d %b %Y %R"), NODEB_IpAccessHostEt.nedn _SubNetwork) or lookup("nc_bsc","network_id", utime(StartDate & StartTime,"%d %b %Y %R"), RXI_IpAccessHostEt.nedn_Su bNetwork)</p>
Region_Id	Region associated with the IpAccessHostEt.	Y	Y	<p>lookup("nc_bsc","region_id",ut ime(StartDate & StartTime,"%d %b %Y %R"), RNC_IpAccessHostEt.nedn_Su bNetwork) or lookup("nc_bsc","region_id",ut ime(StartDate & StartTime,"%d %b %Y %R"), NODEB_IpAccessHostEt.nedn _SubNetwork) or lookup("nc_bsc","region_id",ut ime(StartDate & StartTime,"%d %b %Y %R"), RXI_IpAccessHostEt.nedn_Su bNetwork); lookup("nc_bsc","region_id",ut ime(StartDate & StartTime,"%d %b %Y %R"), RNC_IpAccessHostEt.nedn_Su bNetwork) or lookup("nc_bsc","region_id",ut ime(StartDate & StartTime,"%d %b %Y %R"), NODEB_IpAccessHostEt.nedn _SubNetwork) or lookup("nc_bsc","region_id",ut ime(StartDate & StartTime,"%d %b %Y %R"), RXI_IpAccessHostEt.nedn_Su bNetwork)</p>

Configuration Attributes				
IPAccessHostEt_Name	The meaningful name of the IPAccessHostEt			RNC_IPAccessHostEt.nedn_SubNetwork & "/" & moid_IPSystem & "/" & moid_IPAccessHostEt or NODEB_IPAccessHostEt.nedn_SubNetwork & "/" & nedn_MeContext & "/" & moid_IPSystem & "/" & moid_IPAccessHostEt or RXI_IPAccessHostEt.nedn_SubNetwork & "/" & nedn_MeContext & "/" & moid_IPSystem & "/" & moid_IPAccessHostEt ; RNC_IPAccessHostEt.nedn_SubNetwork & "/" & moid_IPSystem & "/" & moid_IPAccessHostEt or NODEB_IPAccessHostEt.nedn_SubNetwork & "/" & nedn_MeContext & "/" & moid_IPSystem & "/" & moid_IPAccessHostEt or RXI_IPAccessHostEt.nedn_SubNetwork & "/" & nedn_MeContext & "/" & moid_IPSystem & "/" & moid_IPAccessHostEt
Technology	Technology of the network/element (e.g. GSM, GPRS, UMTS).			RNC_IPAccessHostEt."UMTS" or NODEB_IPAccessHostEt."UMTS" or RXI_IPAccessHostEt."UMTS"; RNC_IPAccessHostEt."UMTS" or NODEB_IPAccessHostEt."UMTS" or RXI_IPAccessHostEt."UMTS"

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Version	Hardware/Software version of the IpAccessHostEt.			RNC_IpAccessHostEt."P7.1" or NODEB_IpAccessHostEt."P7.1" " or RXI_IpAccessHostEt."P7.1"; RNC_IpAccessHostEt."P7.1" or NODEB_IpAccessHostEt."P7.1" " or RXI_IpAccessHostEt."P7.1"	
Node_Type	Type of Node.			RNC_IpAccessHostEt."RNC" or NODEB_IpAccessHostEt."NodeB" or RXI_IpAccessHostEt."RXI" ; RNC_IpAccessHostEt."RNC" or NODEB_IpAccessHostEt."NodeB" or RXI_IpAccessHostEt."RXI"	
Node_Id	The unique identifier for the node this object is connected to.			No mapping; No mapping	
Node_Name	A user friendly name for this node the object is connected to.			No mapping; No mapping	

5.33 IPAccessHost_Gpb details

In the network hierarchy, the immediate parents of the IPAccessHost_Gpb object are: RNC and NodeB.

Attribute Name	Description	Read - Only ?	Time-Track ed?	Mapping	Aggrega tor
Primary Identifier					
IPAccessHost_Gpb_Id	A unique identifier for the IPAccessHost Gpb.	Y		RNC_IpSystem_IpAccessHostGpb.nedn_SubNetwork & "/" & moid_IpSystem & "/" & moid_IpAccessHostGpb or NodeB_IpSystem_IpAccessHos	

				tGpb.nedn_SubNetwork & "/" & nedn_MeContext & "/" & moid_IpSystem & "/" & moid_IpAccessHostGpb; RNC_IpSystem_IpAccessHostGpb.nedn_SubNetwork & "/" & moid_IpSystem & "/" & moid_IpAccessHostGpb or NodeB_IpSystem_IpAccessHostGpb.nedn_SubNetwork & "/" & nedn_MeContext & "/" & moid_IpSystem & "/" & moid_IpAccessHostGpb
Relationship Attributes				
Network_Id	Network associated with the IPAccessHost Gpb.	Y	Y	lookup("nc_bsc","network_id",utime(StartDate & StartTime,"%d %b %Y %R"), RNC_IpSystem_IpAccessHostGpb.nedn_SubNetwork) or lookup("nc_bsc","network_id",utime(StartDate & StartTime,"%d %b %Y %R"), NodeB_IpSystem_IpAccessHostGpb.nedn_SubNetwork); lookup("nc_bsc","network_id",utime(StartDate & StartTime,"%d %b %Y %R"), RNC_IpSystem_IpAccessHostGpb.nedn_SubNetwork) or lookup("nc_bsc","network_id",utime(StartDate & StartTime,"%d %b %Y %R"), NodeB_IpSystem_IpAccessHostGpb.nedn_SubNetwork)
Region_Id	Region associated with the IPAccessHost Gpb.	Y	Y	lookup("nc_bsc","region_id",utime(StartDate & StartTime,"%d %b %Y %R"), RNC_IpSystem_IpAccessHostGpb.nedn_SubNetwork) or

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				lookup("nc_bsc","region_id",utime(StartDate & StartTime,"%d %b %Y %R"), NodeB_IpSystem_IpAccessHostGpb.nedn_SubNetwork); lookup("nc_bsc","region_id",utime(StartDate & StartTime,"%d %b %Y %R"), RNC_IpSystem_IpAccessHostGpb.nedn_SubNetwork) or lookup("nc_bsc","region_id",utime(StartDate & StartTime,"%d %b %Y %R"), NodeB_IpSystem_IpAccessHostGpb.nedn_SubNetwork)	
RNC_Id	RNC in a UTRAN network.	Y	Y	RNC_IpSystem_IpAccessHostGpb.nedn_SubNetwork; RNC_IpSystem_IpAccessHostGpb.nedn_SubNetwork	
NodeB_Id	NodeB in a UTRAN network.	Y	Y	NodeB_IpSystem_IpAccessHostGpb.nedn_SubNetwork & "/" & nedn_MeContext; NodeB_IpSystem_IpAccessHostGpb.nedn_SubNetwork & "/" & nedn_MeContext	
Configuration Attributes					
IPAccessHost_Gpb_Name	Unique identifier for the IPAccessHost Gpb.			RNC_IpSystem_IpAccessHostGpb.nedn_SubNetwork & "/" & moid_IpSystem & "/" & moid_IPAccessHostGpb or NodeB_IpSystem_IpAccessHostGpb.nedn_SubNetwork & "/" & nedn_MeContext & "/" & moid_IpSystem & "/" & moid_IPAccessHostGpb; RNC_IpSystem_IpAccessHostGpb.nedn_SubNetwork & "/" & moid_IpSystem & "/" & moid_IPAccessHostGpb or NodeB_IpSystem_IpAccessHostGpb.nedn_SubNetwork & "/" & nedn_MeContext & "/" & moid_IPSystem & "/" &	

				moid_IpAccessHostGpb	
Version	Hardware/Software version of the IPAccessHost.			RNC_IpSystem_IpAccessHostGpb."P7.1" or NodeB_IpSystem_IpAccessHostGpb."P7.1"; RNC_IpSystem_IpAccessHostGpb."P7.1" or NodeB_IpSystem_IpAccessHostGpb."P7.1"	
Technology	Technology of the network/element (e.g. GSM, GPRS, UMTS).			RNC_IpSystem_IpAccessHostGpb."UMTS" or NodeB_IpSystem_IpAccessHostGpb."UMTS"; RNC_IpSystem_IpAccessHostGpb."UMTS" or NodeB_IpSystem_IpAccessHostGpb."UMTS"	

5.34 IPAccessHost_Spb details

In the network hierarchy, the immediate parents of the IPAccessHost_Spb object are: RNC and NodeB.

Attribute Name	Description	Read - Only ?	Time-Track ed?	Mapping	Aggrega tor
Primary Identifier					
IPAccessHost_Spb_Id	A unique identifier for the IPAccessHost Spb.	Y		RNC_IP_Access.nedn_SubNetwork & "/" & moid_IpSystem & "/" & moid_IpAccessHostSpb; RNC_IP_Access.nedn_SubNetwork & "/" & moid_IpSystem & "/" & moid_IpAccessHostSpb	
Relationship Attributes					

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Network_Id	Network associated with the IPAccessHost Spb.	Y	Y	lookup("nc_bsc","network_id", utime(StartDate & StartTime,"%d %b %Y %R"), nedn_SubNetwork); lookup("nc_bsc","network_id", utime(StartDate & StartTime,"%d %b %Y %R"), nedn_SubNetwork)	
Region_Id	Region associated with the IPAccessHost Spb.	Y	Y	lookup("nc_bsc","region_id", utime(StartDate & StartTime,"%d %b %Y %R"), nedn_SubNetwork); lookup("nc_bsc","region_id", utime(StartDate & StartTime,"%d %b %Y %R"), nedn_SubNetwork)	
RNC_Id	RNC in a UTRAN network.	Y	Y	RNC_IP_Access.nedn_SubNetwork; RNC_IP_Access.nedn_SubNetwork	
NodeB_Id	NodeB in a UTRAN network.	Y	Y	No mapping; No mapping	
Configuration Attributes					
IPAccessHost_Spb_Name	A user friendly name preferably unique for the IPAccessHost Spb.			RNC_IP_Access.nedn_SubNetwork & "/" & moid_IpSystem & "/" & moid_IPAccessHostSpb; RNC_IP_Access.nedn_SubNetwork & "/" & moid_IpSystem & "/" & moid_IPAccessHostSpb	
Technology	Technology of the network/element (e.g. GSM, GPRS, UMTS).			"UMTS"; "UMTS"	
Version	Hardware/Software version of the IPAccessHost Spb.			"P7.1"; "P7.1"	

5.35 IPAccessUdpHost_Msb details

In the network hierarchy, the immediate parents of the IPAccessUdpHost_Msb object are: RNC and NodeB.

Attribute Name	Description	Read - Only ?	Time-Track ed?	Mapping	Aggrega tor
Primary Identifier					
IPAccessHost_Msb_Id	IPAccessHost Msb.	Y		RNC_IpSystem_IpAccessUdpH ostMsb.nedn_SubNetwork & "/" & moid_IpSystem & "/" & moid_UdpHostMainMsb & "/" & moid_IPAccessUdpHostMsb or NodeB_IpSystem_IpAccessUdp HostMsb.nedn_SubNetwork & "/" & nedn_MeContext & "/" & moid_IpSystem & "/" & moid_UdpHostMainMsb & "/" & moid_IPAccessUdpHostMsb; RNC_IpSystem_IpAccessUdpH ostMsb.nedn_SubNetwork & "/" & moid_IPSystem & "/" & moid_UdpHostMainMsb & "/" & moid_IPAccessUdpHostMsb or NodeB_IpSystem_IpAccessUdp HostMsb.nedn_SubNetwork & "/" & nedn_MeContext & "/" & moid_IPSystem & "/" & moid_UdpHostMainMsb & "/" & moid_IPAccessUdpHostMsb	
Relationship Attributes					
Network_Id	Network associated with the IPAccessHost Msb.	Y	Y	lookup("nc_bsc","network_id",ut ime(StartDate & StartTime,"%d %b %Y %R"),	

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				RNC_IpSystem_IpAccessUdpHostMsb.nedn_SubNetwork) or lookup("nc_bsc","network_id",utime(StartDate & StartTime,"%d %b %Y %R"), NodeB_IpSystem_IpAccessUdpHostMsb.nedn_SubNetwork); lookup("nc_bsc","network_id",utime(StartDate & StartTime,"%d %b %Y %R"), RNC_IpSystem_IpAccessUdpHostMsb.nedn_SubNetwork) or lookup("nc_bsc","network_id",utime(StartDate & StartTime,"%d %b %Y %R"), NodeB_IpSystem_IpAccessUdpHostMsb.nedn_SubNetwork)	
Region_Id	Region associated with the IPAccessHostMsb.	Y	Y	lookup("nc_bsc","region_id",utime(StartDate & StartTime,"%d %b %Y %R"), RNC_IpSystem_IpAccessUdpHostMsb.nedn_SubNetwork) or lookup("nc_bsc","region_id",utime(StartDate & StartTime,"%d %b %Y %R"), NodeB_IpSystem_IpAccessUdpHostMsb.nedn_SubNetwork); lookup("nc_bsc","region_id",utime(StartDate & StartTime,"%d %b %Y %R"), RNC_IpSystem_IpAccessUdpHostMsb.nedn_SubNetwork) or lookup("nc_bsc","region_id",utime(StartDate & StartTime,"%d %b %Y %R"), NodeB_IpSystem_IpAccessUdpHostMsb.nedn_SubNetwork)	
RNC_Id	RNC in a UTRAN network.	Y	Y	RNC_IpSystem_IpAccessUdpHostMsb.nedn_SubNetwork; RNC_IpSystem_IpAccessUdpHostMsb.nedn_SubNetwork	
NodeB_Id	NodeB in a UTRAN network.	Y	Y	NodeB_IpSystem_IpAccessUdpHostMsb.nedn_SubNetwork & "/" & nedn_MeContext;	

				NodeB_IpSystem_IpAccessUdpHostMsb.nedn_SubNetwork & "/" & nedn_MeContext	
Configuration Attributes					
IPAccessHost_Msb_Name	IPAccessHost Msb.			RNC_IpSystem_IpAccessUdpHostMsb.nedn_SubNetwork & "/" & moid_IpSystem & "/" & moid_UdpHostMainMsb & "/" & moid_IpAccessUdpHostMsb or NodeB_IpSystem_IpAccessUdpHostMsb.nedn_SubNetwork & "/" & nedn_MeContext & "/" & moid_IpSystem & "/" & moid_UdpHostMainMsb & "/" & moid_IpAccessUdpHostMsb; RNC_IpSystem_IpAccessUdpHostMsb.nedn_SubNetwork & "/" & moid_IpSystem & "/" & moid_UdpHostMainMsb & "/" & moid_IpAccessUdpHostMsb or NodeB_IpSystem_IpAccessUdpHostMsb.nedn_SubNetwork & "/" & nedn_MeContext & "/" & moid_IpSystem & "/" & moid_UdpHostMainMsb & "/" & moid_IpAccessUdpHostMsb	
Version	Hardware/Software version of the IPAccessHost Msb.			RNC_IpSystem_IpAccessUdpHostMsb."P7.1" or NodeB_IpSystem_IpAccessUdpHostMsb."P7.1"; RNC_IpSystem_IpAccessUdpHostMsb."P7.1" or NodeB_IpSystem_IpAccessUdpHostMsb."P7.1"	
Technology	Technology of the network/element (e.g.			RNC_IpSystem_IpAccessUdpHostMsb."UMTS" or	

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	GSM, GPRS, UMTS).			NodeB_IpSystem_IpAccessUdpHostMsb."UMTS"; RNC_IpSystem_IpAccessUdpHostMsb."UMTS" or NodeB_IpSystem_IpAccessUdpHostMsb."UMTS"	
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5.36 IPethPacketDataRouter details

In the network hierarchy, the immediate parent of the IPethPacketDataRouter object is RNC.

Attribute Name	Description	Read-Only?	Time-Track ed?	Mapping	Aggrega tor
Primary Identifier					
IPethPacketDataRouter_Id	A unique identifier for the IPethPacketDataRouter.	Y		ME_RNC_IPethPDR.nedn_SubNetwork & "/" & moid_Equipment & "/" & moid_SpDevicePool & "/" & moid_PdrDevice & "/" & moid_IPethPacketDataRouter; ME_RNC_IPethPDR.nedn_SubNetwork & "/" & moid_Equipment & "/" & moid_SpDevicePool & "/" & moid_PdrDevice & "/" & moid_IPethPacketDataRouter	
Relationship Attributes					
Network_Id	Network associated with the IPethPacketDataRouter.	Y	Y	lookup("nc_ bsc", "network_id", utime(StartDate & StartTime, "%d %b %Y %R"), nedn_SubNetwork); lookup("nc_ bsc", "network_id", utime(StartDate & StartTime, "%d %b %Y %R"), nedn_SubNetwork)	
Region_Id	Region associated with the IPethPacketDataRouter.	Y	Y	lookup("nc_ bsc", "region_id", utime(StartDate & StartTime, "%d %b %Y %R"), nedn_SubNetwork)	

				%R"), nedn_SubNetwork); lookup("nc_bsc","region_id", utime(StartDate & StartTime,"%d %b %Y %R"), nedn_SubNetwork)	
RNC_Id	RNC in a UTRAN network.	Y	Y	ME_RNC_IpEthPDR.nedn_SubNetwork; ME_RNC_IpEthPDR.nedn_SubNetwork	
Configuration Attributes					
IPEthPacketDataRouter_Name	A user friendly name preferably unique for IPEthPacketDataRouter.			ME_RNC_IpEthPDR.nedn_SubNetwork & "/" & moid_Equipment & "/" & moid_SpDevicePool & "/" & moid_PdrDevice & "/" & moid_IpEthPacketDataRouter; ME_RNC_IpEthPDR.nedn_SubNetwork & "/" & moid_Equipment & "/" & moid_SpDevicePool & "/" & moid_PdrDevice & "/" & moid_IpEthPacketDataRouter	
Version	Hardware/Software version of the IPEthPacketDataRouter.			"P7.1"; "P7.1"	
Technology	Technology of the network/element (e.g. GSM, GPRS, UMTS).			"UMTS"; "UMTS"	

5.37 IpHostLink details

In the network hierarchy, the immediate parent of the IpHostLink object is IP_Interface.

Attribute Name	Description	Read	Time-Track	Mapping	Aggregator
		-			

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		Only ?	ed?		
Primary Identifier					
IpHostLink_ID	A unique identifier for the IP over ATM Link in a UTRAN network.	Y		RNC_IPHostLink.nedn_SubNetwork & "/" & moid_IpOam & "/" & moid_Ip & "/" & moid_IpHostLink or NODEB_IPHostLink.nedn_SubNetwork & "/" & nedn_MeContext & "/" & moid_IpOam & "/" & moid_Ip & "/" & moid_IpHostLink or RXI_IPHostLink.nedn_SubNetwork & "/" & nedn_MeContext & "/" & moid_IpOam & "/" & moid_Ip & "/" & moid_IpHostLink; RNC_IPHostLink.nedn_SubNetwork & "/" & moid_IpOam & "/" & moid_Ip & "/" & moid_IpHostLink or NODEB_IPHostLink.nedn_SubNetwork & "/" & nedn_MeContext & "/" & moid_IpOam & "/" & moid_Ip & "/" & moid_IpHostLink or RXI_IPHostLink.nedn_SubNetwork & "/" & nedn_MeContext & "/" & moid_IpOam & "/" & moid_Ip & "/" & moid_IpHostLink	
Relationship Attributes					
Interface_Id	IP Link in a UTRAN network.	Y	Y	RNC_IPHostLink.nedn_SubNetwork & "/" & moid_IpOam & "/" & moid_Ip or NODEB_IPHostLink.nedn_SubNetwork & "/" & nedn_MeContext & "/" & moid_IpOam & "/" & moid_Ip or RXI_IPHostLink.nedn_SubNetwork & "/" & nedn_MeContext & "/" & moid_IpOam & "/" &	

				moid_Ip; RNC_IPHostLink.nedn_SubNet work & "/" & moid_IpOam & "/" & moid_Ip or NODEB_IPHostLink.nedn_Sub Network & "/" & nedn_MeContext & "/" & moid_IpOam & "/" & moid_Ip or RXI_IPHostLink.nedn_SubNet work & "/" & nedn_MeContext & "/" & moid_IpOam & "/" & moid_Ip	
Network_Id	Network associated with the IP ATM Link.	Y	Y	lookup("nc_bsc","network_id", utime(StartDate & StartTime,"%d %b %Y %R"), RNC_IPHostLink.nedn_SubNet work) or lookup("nc_bsc","network_id", utime(StartDate & StartTime,"%d %b %Y %R"), NODEB_IPHostLink.nedn_Sub Network) or lookup("nc_bsc","network_id", utime(StartDate & StartTime,"%d %b %Y %R"), RXI_IPHostLink.nedn_SubNet work); lookup("nc_bsc","network_id", utime(StartDate & StartTime,"%d %b %Y %R"), RNC_IPHostLink.nedn_SubNet work) or lookup("nc_bsc","network_id", utime(StartDate & StartTime,"%d %b %Y %R"), NODEB_IPHostLink.nedn_Sub Network) or lookup("nc_bsc","network_id", utime(StartDate &	

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				StartTime,"%d %b %Y %R"), RXI_IPHostLink.nedn_SubNet work)	
NodeB_Id	NodeB in a UTRAN network.	Y	Y	NODEB_IPHostLink.nedn_Sub Network & "/" & nedn_MeContext; NODEB_IPHostLink.nedn_Sub Network & "/" & nedn_MeContext	
RNC_Id	RNC in a UTRAN network.	Y	Y	RNC_IPHostLink.nedn_SubNet work or NODEB_IPHostLink.nedn_Sub Network or RXI_IPHostLink.nedn_SubNet work; RNC_IPHostLink.nedn_SubNet work or NODEB_IPHostLink.nedn_Sub Network or RXI_IPHostLink.nedn_SubNet work	
Region_Id	Region associated with the IP ATM Link.	Y	Y	lookup("nc_bsc","region_id",uti me(StartDate & StartTime,"%d %b %Y %R"), RNC_IPHostLink.nedn_SubNet work) or lookup("nc_bsc","region_id",uti me(StartDate & StartTime,"%d %b %Y %R"), NODEB_IPHostLink.nedn_Sub Network) or lookup("nc_bsc","region_id",uti me(StartDate & StartTime,"%d %b %Y %R"), RXI_IPHostLink.nedn_SubNet work); lookup("nc_bsc","region_id",uti me(StartDate & StartTime,"%d %b %Y %R"), RNC_IPHostLink.nedn_SubNet work) or lookup("nc_bsc","region_id",uti me(StartDate & StartTime,"%d %b %Y %R"),	

				NODEB_IPHostLink.nedn_Sub Network) or lookup("nc_bsc","region_id",time(StartDate & StartTime,"%d %b %Y %R"), RXI_IPHostLink.nedn_SubNetwork)
Configuration Attributes				
IpHostLink_Name	A user-friendly name preferably unique for the Ip Atm Link.			RNC_IPHostLink.nedn_SubNetwork & "/" & moid_IpOam & "/" & moid_Ip & "/" & moid_IpHostLink or NODEB_IPHostLink.nedn_SubNetwork & "/" & nedn_MeContext & "/" & moid_IpOam & "/" & moid_Ip & "/" & moid_IpHostLink or RXI_IPHostLink.nedn_SubNetwork & "/" & nedn_MeContext & "/" & moid_IpOam & "/" & moid_Ip & "/" & moid_IpHostLink; RNC_IPHostLink.nedn_SubNetwork & "/" & moid_IpOam & "/" & moid_Ip & "/" & moid_IpHostLink or NODEB_IPHostLink.nedn_SubNetwork & "/" & nedn_MeContext & "/" & moid_IpOam & "/" & moid_Ip & "/" & moid_IpHostLink
IP_Oam	IP_Oam in a UTRAN network.			RNC_IPHostLink.nedn_SubNetwork & "/" & moid_IpOam or NODEB_IPHostLink.nedn_Sub

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				Network & "/" & nedn_MeContext & "/" & moid_IpOam or RXI_IPHostLink.nedn_SubNetwork & "/" & nedn_MeContext & "/" & moid_IpOam; RNC_IPHostLink.nedn_SubNetwork & "/" & moid_IpOam or NODEB_IPHostLink.nedn_SubNetwork & "/" & nedn_MeContext & "/" & moid_IpOam or RXI_IPHostLink.nedn_SubNetwork & "/" & nedn_MeContext & "/" & moid_IpOam	
Technology	Technology of the network/element (e.g. GSM, GPRS, UMTS).			RNC_IPHostLink."UMTS" or NODEB_IPHostLink."UMTS" or RXI_IPHostLink."UMTS"; RNC_IPHostLink."UMTS" or NODEB_IPHostLink."UMTS" or RXI_IPHostLink."UMTS"	
Version	Hardware/Software version of the IP ATM Link.			RNC_IPHostLink."P7.1" or NODEB_IPHostLink."P7.1" or RXI_IPHostLink."P7.1"; RNC_IPHostLink."P7.1" or NODEB_IPHostLink."P7.1" or RXI_IPHostLink."P7.1"	
Node_Type	Type of Node.			RNC_IPHostLink."RNC" or NODEB_IPHostLink."NodeB" or RXI_IPHostLink."RXI"; RNC_IPHostLink."RNC" or NODEB_IPHostLink."NodeB" or RXI_IPHostLink."RXI"	
Node_Id	The unique identifier for the node this object is connected to.			No mapping; No mapping	
Node_Name	A user friendly name for this node the object is connected to.			No mapping; No mapping	
Ip_protocol_layer_id	The identifier of the Ip_protocol_layer_id			No mapping; No mapping	

5.38 IuBcLink details

In the network hierarchy, the immediate parent of the IuBcLink object is RNC.

Attribute Name	Description	Read - Only ?	Time-Track ed?	Mapping	Aggrega tor
Primary Identifier					
IuBcLink_Id	The unique identifier for the IuBcLink	Y		ManagedElement_RncFunction_IuBcLink.nedn_subnetwork&"/&moid_iubclink; ManagedElement_RncFunction_IuBcLink.nedn_subnetwork&"/&moid_iubclink	
Relationship Attributes					
Network_Id	Network associated with the IuBcLink	Y	Y	lookup("nc_bsc","network_id",u time(StartDate & StartTime,"%d %b %Y %R"), nedn_SubNetwork); lookup("nc_bsc","network_id",u time(StartDate & StartTime,"%d %b %Y %R"), nedn_SubNetwork)	
Region_Id	Region associated with the IuBcLink	Y	Y	lookup("nc_bsc","region_id",u time(StartDate & StartTime,"%d %b %Y %R"), nedn_SubNetwork); lookup("nc_bsc","region_id",u time(StartDate & StartTime,"%d %b %Y %R"), nedn_SubNetwork)	
RNC_Id	RNC identifier associated with this IuBcLink.	Y	Y	ManagedElement_RncFunction_IuBcLink.nedn_SubNetwork; ManagedElement_RncFunction_IuBcLink.nedn_SubNetwork	
Configuration Attributes					

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IuBcLink_Name	a user friendly name preferably unique for the IuBcLink			ManagedElement_RncFunction_IuBcLink.nedn_subnetwork&"/"&moid_iubclink; ManagedElement_RncFunction_IuBcLink.nedn_subnetwork&"/"&moid_iubclink	
Version	Hardware/software version of the IuBcLink			"P7.1"; "P7.1"	
Technology	Technology of the network/element			"UMTS"; "UMTS"	

5.39 IubEdch details

In the network hierarchy, the immediate parent of the IubEdch object is RNC.

Attribute Name	Description	Read - Only ?	Time-Track ed?	Mapping	Aggrega tor
Primary Identifier					
IubEdch_Id	A unique identifier for the IubEdch.	Y		ME_RNC_IubLink_IubEdch.nedn_SubNetwork & "/" & moid_IubLink & "/" & moid_IubEdch; ME_RNC_IubLink_IubEdch.nedn_SubNetwork & "/" & moid_IubLink & "/" & moid_IubEdch	
Relationship Attributes					
Network_Id	Network associated with the IubEdch.	Y	Y	lookup("nc_bsc","network_id", utime(StartDate & StartTime,"%d %b %Y %R"), nedn_SubNetwork); lookup("nc_bsc","network_id", utime(StartDate & StartTime,"%d %b %Y %R"), nedn_SubNetwork)	
Region_Id	Region associated with the IubEdch.	Y	Y	lookup("nc_bsc","region_id", utime(StartDate & StartTime,"%d %b %Y %R"), nedn_SubNetwork);	

				lookup("nc_bsc","region_id",utime(StartDate & StartTime,"%d %b %Y %R"), nedn_SubNetwork)	
RNC_Id	RNC in a UTRAN network.	Y	Y	ME_RNC_IubLink_IubEdch.nedn_SubNetwork; ME_RNC_IubLink_IubEdch.nedn_SubNetwork	
Configuration Attributes					
IubEdch_Name	A user friendly name preferably unique for IubEdch.			ME_RNC_IubLink_IubEdch.nedn_SubNetwork & "/" & moid_IubLink & "/" & moid_IubEdch; ME_RNC_IubLink_IubEdch.nedn_SubNetwork & "/" & moid_IubLink & "/" & moid_IubEdch	
Version	Hardware/Software version of the IubEdch.			"P7.1"; "P7.1"	
Technology	Technology of the network/element (e.g. GSM, GPRS, UMTS).			"UMTS"; "UMTS"	

5.40 Iub details

In the network hierarchy, the immediate parents of the Iub object are: NodeB and RNC.

Attribute Name	Description	Read - Only ?	Time-Track ed?	Mapping	Aggrega tor
Primary Identifier					
Iub_Id	Primary Identifier of the Iub Interface.	Y		ME_RNC_IubLink.nedn_SubNetwork & "/" & moid_IubLink or	

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				ManagedElement_NodeBFuncti on_Iub.nedn_SubNetwork & "/" & nedn_MeContext & "/" & moid_Iub; ME_RNC_IubLink.nedn_SubN etwork & "/" & moid_IubLink or ManagedElement_NodeBFuncti on_Iub.nedn_SubNetwork & "/" & nedn_MeContext & "/" & moid_Iub	
Relationship Attributes					
NodeB_Id	Identifier of the NodeB.	Y	Y	ManagedElement_NodeBFuncti on_Iub.nedn_SubNetwork & "/" & nedn_MeContext; ManagedElement_NodeBFuncti on_Iub.nedn_SubNetwork & "/" & nedn_MeContext	
RNC_Id	Identifier of the RNC.	Y	Y	ME_RNC_IubLink.nedn_SubN etwork or ManagedElement_NodeBFuncti on_Iub.nedn_SubNetwork; ME_RNC_IubLink.nedn_SubN etwork or ManagedElement_NodeBFuncti on_Iub.nedn_SubNetwork	
Region_Id	Region of the Iub / RNC.	Y	Y	lookup("nc_bsc","region_id",uti me(StartDate & StartTime,"%d %b %Y %R"), ME_RNC_IubLink.nedn_SubN etwork) or lookup("nc_bsc","region_id",uti me(StartDate & StartTime,"%d %b %Y %R"), ManagedElement_NodeBFuncti on_Iub.nedn_SubNetwork); lookup("nc_bsc","region_id",uti me(StartDate & StartTime,"%d %b %Y %R"), ME_RNC_IubLink.nedn_SubN etwork) or lookup("nc_bsc","region_id",uti me(StartDate & StartTime,"%d	

				%b %Y %R"), ManagedElement_NodeBFuncti on_Iub.nedn_SubNetwork)	
Network_Id	Identifier of the Network / PLMN.	Y	Y	lookup("nc_bsc","network_id",u time(StartDate & StartTime,"%d %b %Y %R"), ME_RNC_IubLink.nedn_SubN etwork) or lookup("nc_bsc","network_id",u time(StartDate & StartTime,"%d %b %Y %R"), ManagedElement_NodeBFuncti on_Iub.nedn_SubNetwork); lookup("nc_bsc","network_id",u time(StartDate & StartTime,"%d %b %Y %R"), ME_RNC_IubLink.nedn_SubN etwork) or lookup("nc_bsc","network_id",u time(StartDate & StartTime,"%d %b %Y %R"), ManagedElement_NodeBFuncti on_Iub.nedn_SubNetwork)	
Configuration Attributes					
Iub_Name	Meaningful name of the Iub.			ME_RNC_IubLink.nedn_SubN etwork & "/" & moid_IubLink or ManagedElement_NodeBFuncti on_Iub.nedn_SubNetwork & "/" & nedn_MeContext & "/" & moid_Iub; ME_RNC_IubLink.nedn_SubN etwork & "/" & moid_IubLink or ManagedElement_NodeBFuncti on_Iub.nedn_SubNetwork & "/" & nedn_MeContext & "/" & moid_Iub	

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Version	The hardware/software version of the equipment/element which is supporting this Iub link.			ME_RNC_IubLink."P7.1" or ManagedElement_NodeBFunction_Iub."P7.1"; ME_RNC_IubLink."P7.1" or ManagedElement_NodeBFunction_Iub."P7.1"	
Technology	Technology of the network/element (e.g. GSM, GPRS, UMTS).			ME_RNC_IubLink."UMTS" or ManagedElement_NodeBFunction_Iub."UMTS"; ME_RNC_IubLink."UMTS" or ManagedElement_NodeBFunction_Iub."UMTS"	

5.41 Iu details

In the network hierarchy, the immediate parents of the Iu object are: NodeB and RNC.

Attribute Name	Description	Read - Only ?	Time-Track ed?	Mapping	Aggrega tor
Primary Identifier					
Iu_Id	Identifier of the Iu Interface.	Y		ME_RNC_CNOPR_IuLink.nedn_SubNetwork & "/" & moid_CnOperator & "/" & moid_IuLink; ME_RNC_CNOPR_IuLink.nedn_SubNetwork & "/" & moid_CnOperator & "/" & moid_IuLink	
Relationship Attributes					
NodeB_Id	Identifier of the NodeB.	Y	Y	No mapping; No mapping	
RNC_Id	Identifier of the RNC.	Y	Y	ME_RNC_CNOPR_IuLink.nedn_SubNetwork; ME_RNC_CNOPR_IuLink.nedn_SubNetwork	
Region_Id	Identifier of the Region.	Y	Y	lookup("nc_bsc","region_id",utime(StartDate & StartTime,"%d %b %Y %R"), nedn_SubNetwork);	

				lookup("nc_bsc","region_id",utime(StartDate & StartTime,"%d %b %Y %R"), nedn_SubNetwork)	
Network_Id	Identifier of the Network.	Y	Y	lookup("nc_bsc","network_id", utime(StartDate & StartTime,"%d %b %Y %R"), nedn_SubNetwork); lookup("nc_bsc","network_id", utime(StartDate & StartTime,"%d %b %Y %R"), nedn_SubNetwork)	
Configuration Attributes					
Iu_Name	Meaningful name of the Iu Interface.			ME_RNC_CNOPR_IuLink.nedn_SubNetwork & "/" & moid_CnOperator & "/" & moid_IuLink; ME_RNC_CNOPR_IuLink.nedn_SubNetwork & "/" & moid_CnOperator & "/" & moid_IuLink	
Node_Id	A unique identifier for Node.			No mapping; No mapping	
Version	The hardware/software version of the equipment/element which is supporting this Iu link.			"P7.1"; "P7.1"	
Node_Name	A user friendly name preferably unique for the Node.			No mapping; No mapping	
Node_Type	Type of Node.			"RNC"; "RNC"	
Technology	Technology of the network/element (e.g. GSM, GPRS, UMTS).			"UMTS"; "UMTS"	

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5.42 LAC details

In the network hierarchy, the immediate parent of the LAC object is MSC.

Attribute Name	Description	Read - Only ?	Time-Track ed?	Mapping	Aggrega tor
Primary Identifier					
LAC_Id	A unique identifier for the LAC.	Y		ManagedElement_RncFunction_LocationArea.nedn_SubNetwork & "/" & moid_RncFunction & "/" & moid_LocationArea; ManagedElement_RncFunction_LocationArea.nedn_SubNetwork & "/" & moid_RncFunction & "/" & moid_LocationArea; "Populated by customer"	
Relationship Attributes					
MSC_Id	The MSC which controls this Location Area Code.	Y	Y	lookup("nc_bsc","msc_id",utime(StartDate & StartTime,"%d %b %Y %R"), nedn_SubNetwork); lookup("nc_bsc","msc_id",utime(StartDate & StartTime,"%d %b %Y %R"), nedn_SubNetwork); No mapping	
Network_Id	Network associated with the LAC.	Y	Y	lookup("nc_bsc","network_id",utime(StartDate & StartTime,"%d %b %Y %R"), nedn_SubNetwork); lookup("nc_bsc","network_id",utime(StartDate & StartTime,"%d %b %Y %R"), nedn_SubNetwork); No mapping	
Region_Id	Region associated with the LAC.	Y	Y	lookup("nc_bsc","region_id",utime(StartDate & StartTime,"%d %b %Y %R"), nedn_SubNetwork); lookup("nc_bsc","region_id",utime(StartDate & StartTime,"%d	

				%b %Y %R"), nedn_SubNetwork); No mapping	
Configuration Attributes					
LAC_Name	A user friendly name preferably unique for the LAC.			ManagedElement_RncFunction_LocationArea.nedn_SubNetwork & "/" & moid_RncFunction & "/" & moid_LocationArea; ManagedElement_RncFunction_LocationArea.nedn_SubNetwork & "/" & moid_RncFunction & "/" & moid_LocationArea; No mapping	

5.43 Load_Control_Unit details

In the network hierarchy, the immediate parent of the Load_Control_Unit object is Plug_In_Unit.

Attribute Name	Description	Read - Only ?	Time-Track ed?	Mapping	Aggrega tor
Primary Identifier					
Load_Control_Unit_Id	A unique identifier for the Load Control within a UTRAN network.	Y		RNC_PIU_GeneralProcessorUnit_LoadControl.nedn_SubNetwork & "/" & moid_Equipment & "/" & moid_Subrack & "/" & moid_Slot & "/" & moid_PlugInUnit & "/" & moid_GeneralProcessorUnit & "/" & moid_LoadControl; RNC_PIU_GeneralProcessorUnit_LoadControl.nedn_SubNetwork & "/" & moid_Equipment & "/" & moid_Subrack & "/" & moid_Slot & "/" & moid_PlugInUnit & "/" & moid_GeneralProcessorUnit &	

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				"/" & moid_LoadControl	
Relationship Attributes					
Network_Id	The network associated with the object.	Y	Y	lookup("nc_bsc","network_id",u time(StartDate & StartTime,"%d %b %Y %R"), nedn_SubNetwork); lookup("nc_bsc","network_id",u time(StartDate & StartTime,"%d %b %Y %R"), nedn_SubNetwork)	
Region_Id	Region associated with the object.	Y	Y	lookup("nc_bsc","region_id",uti me(StartDate & StartTime,"%d %b %Y %R"), nedn_SubNetwork); lookup("nc_bsc","region_id",uti me(StartDate & StartTime,"%d %b %Y %R"), nedn_SubNetwork)	
RNC_Id	RNC in a UTRAN network.	Y	Y	RNC_PIU_GeneralProcessorUni t_LoadControl.nedn_SubNetwor k; RNC_PIU_GeneralProcessorUni t_LoadControl.nedn_SubNetwor k	
Plug_In_Unit	The plug_in_unit this load control belongs to.	Y	Y	RNC_PIU_GeneralProcessorUni t_LoadControl.nedn_SubNetwor k & "/" & moid_Equipment & "/" & moid_Subrack & "/" & moid_Slot & "/" & moid_PlugInUnit; RNC_PIU_GeneralProcessorUni t_LoadControl.nedn_SubNetwor k & "/" & moid_Equipment & "/" & moid_Subrack & "/" & moid_Slot & "/" & moid_PlugInUnit	
Configuration Attributes					
Load_Control_Unit_Name	A user-friendly name preferably unique for the Load Control.			RNC_PIU_GeneralProcessorUni t_LoadControl.nedn_SubNetwor k & "/" & moid_Equipment & "/" & moid_Subrack & "/" &	

				moid_Slot & "/" & moid_PlugInUnit & "/" & moid_GeneralProcessorUnit & "/" & moid_LoadControl; RNC_PIU_GeneralProcessorUnit_LoadControl.nedn_SubNetwork & "/" & moid_Equipment & "/" & moid_Subrack & "/" & moid_Slot & "/" & moid_PlugInUnit & "/" & moid_GeneralProcessorUnit & "/" & moid_LoadControl	
Node_Id	The unique identifier for the node this object is connected to.			RNC_PIU_GeneralProcessorUnit_LoadControl.nedn_SubNetwork; RNC_PIU_GeneralProcessorUnit_LoadControl.nedn_SubNetwork	
Node_Type	The type of network element of the node this object is connected to.			"RNC"; "RNC"	
Node_Name	A user friendly name for this node the object is connected to.			RNC_PIU_GeneralProcessorUnit_LoadControl.nedn_SubNetwork; RNC_PIU_GeneralProcessorUnit_LoadControl.nedn_SubNetwork	
Technology	Technology of the network/element (e.g. GSM, GPRS, UMTS).			"UMTS"; "UMTS"	
Version	Hardware/Software version of the Load Control Unit.			"P7.1"; "P7.1"	

5.44 M3UA details

In the network hierarchy, the immediate parent of the M3UA object is MTP3B_SP.

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Attribute Name	Description	Read - Only ?	Time-Track ed?	Mapping	Aggrega tor
Primary Identifier					
M3UA_Id	A unique identifier for the M3UA.	Y		ME_TN_Mtp3bSpItu_M3uAsso ciation.nedn_SubNetwork & "/" & moid_Mtp3bSpItu & "/" & moid_M3uAssociation; ME_TN_Mtp3bSpItu_M3uAsso ciation.nedn_SubNetwork & "/" & moid_Mtp3bSpItu & "/" & moid_M3uAssociation	
Relationship Attributes					
Network_Id	Network associated with the M3UA.	Y	Y	lookup("nc_bsc","network_id",u time(StartDate & StartTime,"%d %b %Y %R"), nedn_SubNetwork); lookup("nc_bsc","network_id",u time(StartDate & StartTime,"%d %b %Y %R"), nedn_SubNetwork)	
Region_Id	Region associated with M3UA.	Y	Y	lookup("nc_bsc","region_id",uti me(StartDate & StartTime,"%d %b %Y %R"), nedn_SubNetwork); lookup("nc_bsc","region_id",uti me(StartDate & StartTime,"%d %b %Y %R"), nedn_SubNetwork)	
RNC_Id	RNC in a UTRAN network.	Y	Y	ME_TN_Mtp3bSpItu_M3uAsso ciation.nedn_SubNetwork; ME_TN_Mtp3bSpItu_M3uAsso ciation.nedn_SubNetwork	
MTP3B_SP_I d	MTP3B SP that is supporting the M3UA.	Y	Y	ME_TN_Mtp3bSpItu_M3uAsso ciation.nedn_SubNetwork & "/" & moid_Mtp3bSpItu; ME_TN_Mtp3bSpItu_M3uAsso ciation.nedn_SubNetwork & "/" & moid_Mtp3bSpItu	
Configuration Attributes					

M3UA_Name	A user friendly name preferably unique for M3UA.			ME_TN_Mtp3bSpItu_M3uAssociation.nedn_SubNetwork & "/" & moid_Mtp3bSpItu & "/" & moid_M3uAssociation; ME_TN_Mtp3bSpItu_M3uAssociation.nedn_SubNetwork & "/" & moid_Mtp3bSpItu & "/" & moid_M3uAssociation	
Node_Id	The unique identifier for the node this object is connected to.			No mapping; No mapping	
Version	Hardware/Software version of the equipment supporting M3UA.			"P7.1"; "P7.1"	
Technology	Technology of the network/element (e.g. GSM, GPRS, UMTS).			"UMTS"; "UMTS"	
Node_Type	Type of Node.			ME_TN_Mtp3bSpItu_M3uAssociation."RNC"; ME_TN_Mtp3bSpItu_M3uAssociation."RNC"	
Node_Name	A user friendly name for this node the object is connected to.			No mapping; No mapping	

5.45 Mbms details

In the network hierarchy, the immediate parent of the Mbms object is RNC.

Attribute Name	Description	Read - Only ?	Time-Track ed?	Mapping	Aggrega tor
Primary Identifier					
Mbms_Id	The primary identifier of the Mbms	Y		ME_RNC_Mbms.nedn_SubNetwork & "/" & moid_Mbms;	

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				ME_RNC_Mbms.nedn_SubNetwork & "/" & moid_Mbms	
Relationship Attributes					
RNC_Id	RNC in a UTRAN network.	Y	Y	ME_RNC_Mbms.nedn_SubNetwork; ME_RNC_Mbms.nedn_SubNetwork	
Network_Id	Network associated with the Mbms.	Y	Y	lookup("nc_bsc","network_id", utime(StartDate & StartTime,"%d %b %Y %R"), nedn_SubNetwork); lookup("nc_bsc","network_id", utime(StartDate & StartTime,"%d %b %Y %R"), nedn_SubNetwork)	
Region_Id	Region associated with the Mbms.	Y	Y	lookup("nc_bsc","region_id", utime(StartDate & StartTime,"%d %b %Y %R"), nedn_SubNetwork); lookup("nc_bsc","region_id", utime(StartDate & StartTime,"%d %b %Y %R"), nedn_SubNetwork)	
Configuration Attributes					
Mbms_Name	The meaningful name of the Mbms			ME_RNC_Mbms.nedn_SubNetwork & "/" & moid_Mbms; ME_RNC_Mbms.nedn_SubNetwork & "/" & moid_Mbms	
Technology	Technology of the network/element (e.g. GSM, GPRS, UMTS).			"UMTS"; "UMTS"	
Version	Hardware/Software version of the Mbms.			"P7.1"; "P7.1"	

5.46 Medium_Access_Unit details

In the network hierarchy, the immediate parent of the Medium_Access_Unit object is Plug_In_Unit.

Attribute Name	Description	Read -	Time-Track	Mapping	Aggregator
----------------	-------------	--------	------------	---------	------------

		Only ?	ed?		
Primary Identifier					
Medium_Access_Unit_Id	A unique identifier for the Medium Access Unit in a UTRAN network.	Y		RNC_Processor_Load.nedn_SubNetwork & "/" & moid_Equipment & "/" & moid_Subrack & "/" & moid_Slot & "/" & moid_PlugInUnit & "/" & moid_GeneralProcessorUnit & "/" & moid_MediumAccessUnit or RXI_Processor_Load.nedn_SubNetwork & "/" & moid_Equipment & "/" & moid_Subrack & "/" & moid_Slot & "/" & moid_PlugInUnit & "/" & moid_GeneralProcessorUnit & "/" & moid_MediumAccessUnit or NODEB_Processor_Load.nedn_SubNetwork & "/" & nedn_MeContext & "/" & moid_Equipment & "/" & moid_Subrack & "/" & moid_Slot & "/" & moid_PlugInUnit & "/" & moid_GeneralProcessorUnit & "/" & moid_MediumAccessUnit or NODEB_CBU_Processor_Load.nedn_SubNetwork & "/" & nedn_MeContext & "/" & moid_Equipment & "/" & moid_Subrack & "/" & moid_Slot & "/" & moid_PlugInUnit & "/" & moid_Cbu & "/" & moid_GeneralProcessorUnit &	

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			<p>"/" & moid_MediumAccessUnit or RNC_CBU_Processor_Load.nedn_SubNetwork & "/" & moid_Equipment & "/" & moid_Subrack & "/" & moid_Slot & "/" & moid_PlugInUnit & "/" & moid_Cbu & "/" & moid_GeneralProcessorUnit & "/" & moid_MediumAccessUnit or RXI_CBU_Processor_Load.nedn_SubNetwork & "/" & moid_Equipment & "/" & moid_Subrack & "/" & moid_Slot & "/" & moid_PlugInUnit & "/" & moid_Cbu & "/" & moid_GeneralProcessorUnit & "/" & moid_MediumAccessUnit; RNC_Processor_Load.nedn_SubNetwork & "/" & moid_Equipment & "/" & moid_Subrack & "/" & moid_Slot & "/" & moid_PlugInUnit & "/" & moid_GeneralProcessorUnit & "/" & moid_MediumAccessUnit or RXI_Processor_Load.nedn_SubNetwork & "/" & moid_Equipment & "/" & moid_Subrack & "/" & moid_Slot & "/" & moid_PlugInUnit & "/" & moid_GeneralProcessorUnit & "/" & moid_MediumAccessUnit or NODEB_Processor_Load.nedn_SubNetwork & "/" & nedn_MeContext & "/" & moid_Equipment & "/" & moid_Subrack & "/" & moid_Slot & "/" &</p>	
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				moid_PlugInUnit & "/" & moid_GeneralProcessorUnit & "/" & moid_MediumAccessUnit or NODEB_CBU_Processor_Load. nedn_SubNetwork & "/" & nedn_MeContext & "/" & moid_Equipment & "/" & moid_Subrack & "/" & moid_Slot & "/" & moid_PlugInUnit & "/" & moid_Cbu & "/" & moid_GeneralProcessorUnit & "/" & moid_MediumAccessUnit or RNC_CBU_Processor_Load.ne dn_SubNetwork & "/" & moid_Equipment & "/" & moid_Subrack & "/" & moid_Slot & "/" & moid_PlugInUnit & "/" & moid_Cbu & "/" & moid_GeneralProcessorUnit & "/" & moid_MediumAccessUnit or RXI_CBU_Processor_Load.ned n_SubNetwork & "/" & moid_Equipment & "/" & moid_Subrack & "/" & moid_Slot & "/" & moid_PlugInUnit & "/" & moid_Cbu & "/" & moid_GeneralProcessorUnit & "/" & moid_MediumAccessUnit
--	--	--	--	---

Relationship Attributes

Network_Id	Network associated with the Medium Access Unit.	Y	Y	lookup("nc_bsc","network_id",u time(StartDate & StartTime,"%d %b %Y %R"), RNC_Processor_Load.nedn_Su bNetwork) or
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lookup("nc_bsc","network_id",u
time(StartDate & StartTime,"%d
%b %Y %R"),
RXI_Processor_Load.nedn_Sub
Network) or
lookup("nc_bsc","network_id",u
time(StartDate & StartTime,"%d
%b %Y %R"),
NODEB_Processor_Load.nedn_
SubNetwork) or
lookup("nc_bsc","network_id",u
time(StartDate & StartTime,"%d
%b %Y %R"),
NODEB_CBU_Processor_Load.
nedn_SubNetwork) or
lookup("nc_bsc","network_id",u
time(StartDate & StartTime,"%d
%b %Y %R"),
RNC_CBU_Processor_Load.ne
dn_SubNetwork) or
lookup("nc_bsc","network_id",u
time(StartDate & StartTime,"%d
%b %Y %R"),
RXI_CBU_Processor_Load.ned
n_SubNetwork);
lookup("nc_bsc","network_id",u
time(StartDate & StartTime,"%d
%b %Y %R"),
RNC_Processor_Load.nedn_Su
bNetwork) or
lookup("nc_bsc","network_id",u
time(StartDate & StartTime,"%d
%b %Y %R"),
RXI_Processor_Load.nedn_Sub
Network) or
lookup("nc_bsc","network_id",u
time(StartDate & StartTime,"%d
%b %Y %R"),
NODEB_Processor_Load.nedn_
SubNetwork) or
lookup("nc_bsc","network_id",u
time(StartDate & StartTime,"%d
%b %Y %R"),
NODEB_CBU_Processor_Load.
nedn_SubNetwork) or
lookup("nc_bsc","network_id",u

				time(StartDate & StartTime,"%d %b %Y %R"), RNC_CBU_Processor_Load.nedn_SubNetwork) or lookup("nc_bsc","network_id",u time(StartDate & StartTime,"%d %b %Y %R"), RXI_CBU_Processor_Load.nedn_SubNetwork)
RNC_Id	RNC in a UTRAN network.	Y	Y	RNC_Processor_Load.nedn_SubNetwork or NODEB_Processor_Load.nedn_SubNetwork or RXI_Processor_Load.nedn_SubNetwork or RNC_CBU_Processor_Load.nedn_SubNetwork or NODEB_CBU_Processor_Load.nedn_SubNetwork or RXI_CBU_Processor_Load.nedn_SubNetwork; RNC_Processor_Load.nedn_SubNetwork or NODEB_Processor_Load.nedn_SubNetwork or RXI_Processor_Load.nedn_SubNetwork or RNC_CBU_Processor_Load.nedn_SubNetwork or NODEB_CBU_Processor_Load.nedn_SubNetwork or RXI_CBU_Processor_Load.nedn_SubNetwork
Region_Id	Region associated with the Medium Access Unit.	Y	Y	lookup("nc_bsc","region_id",u time(StartDate & StartTime,"%d %b %Y %R"), RNC_Processor_Load.nedn_SubNetwork) or lookup("nc_bsc","region_id",u time(StartDate & StartTime,"%d

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%b %Y %R"),
RXI_Processor_Load.nedn_Sub
Network) or
lookup("nc_bsc","region_id",uti
me(StartDate & StartTime,"%d
%b %Y %R"),
NODEB_Processor_Load.nedn_
SubNetwork) or
lookup("nc_bsc","region_id",uti
me(StartDate & StartTime,"%d
%b %Y %R"),
NODEB_CBU_Processor_Load.
nedn_SubNetwork) or
lookup("nc_bsc","region_id",uti
me(StartDate & StartTime,"%d
%b %Y %R"),
RNC_CBU_Processor_Load.ne
dn_SubNetwork) or
lookup("nc_bsc","region_id",uti
me(StartDate & StartTime,"%d
%b %Y %R"),
RXI_CBU_Processor_Load.ned
n_SubNetwork);
lookup("nc_bsc","region_id",uti
me(StartDate & StartTime,"%d
%b %Y %R"),
RNC_Processor_Load.nedn_Su
bNetwork) or
lookup("nc_bsc","region_id",uti
me(StartDate & StartTime,"%d
%b %Y %R"),
RXI_Processor_Load.nedn_Sub
Network) or
lookup("nc_bsc","region_id",uti
me(StartDate & StartTime,"%d
%b %Y %R"),
NODEB_Processor_Load.nedn_
SubNetwork) or
lookup("nc_bsc","region_id",uti
me(StartDate & StartTime,"%d
%b %Y %R"),
NODEB_CBU_Processor_Load.
nedn_SubNetwork) or
lookup("nc_bsc","region_id",uti
me(StartDate & StartTime,"%d
%b %Y %R"),

				RNC_CBU_Processor_Load.nedn_SubNetwork) or lookup("nc_bsc","region_id",time(StartDate & StartTime,"%d %b %Y %R"), RXI_CBU_Processor_Load.nedn_SubNetwork)
Plug_in_Unit _Id	Plug in Unit for a UTRAN network.	Y	Y	RNC_Processor_Load.nedn_SubNetwork & "/" & moid_Equipment & "/" & moid_Subrack & "/" & moid_Slot & "/" & moid_PlugInUnit or RXI_Processor_Load.nedn_SubNetwork & "/" & moid_Equipment & "/" & moid_Subrack & "/" & moid_Slot & "/" & moid_PlugInUnit or NODEB_Processor_Load.nedn_SubNetwork & "/" & nedn_MeContext & "/" & moid_Equipment & "/" & moid_Subrack & "/" & moid_Slot & "/" & moid_PlugInUnit or NODEB_CBU_Processor_Load.nedn_SubNetwork & "/" & nedn_MeContext & "/" & moid_Equipment & "/" & moid_Subrack & "/" & moid_Slot & "/" & moid_PlugInUnit or RNC_CBU_Processor_Load.nedn_SubNetwork & "/" & moid_Equipment & "/" & moid_Subrack & "/" & moid_Slot & "/" & moid_PlugInUnit or RXI_CBU_Processor_Load.ned

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				n_SubNetwork & "/" & moid_Equipment & "/" & moid_Subrack & "/" & moid_Slot & "/" & moid_PlugInUnit; RNC_Processor_Load.nedn_Su bNetwork & "/" & moid_Equipment & "/" & moid_Subrack & "/" & moid_Slot & "/" & moid_PlugInUnit or RXI_Processor_Load.nedn_Sub Network & "/" & moid_Equipment & "/" & moid_Subrack & "/" & moid_Slot & "/" & moid_PlugInUnit or NODEB_Processor_Load.nedn_ SubNetwork & "/" & nedn_MeContext & "/" & moid_Equipment & "/" & moid_Subrack & "/" & moid_Slot & "/" & moid_PlugInUnit or NODEB_CBU_Processor_Load. nedn_SubNetwork & "/" & nedn_MeContext & "/" & moid_Equipment & "/" & moid_Subrack & "/" & moid_Slot & "/" & moid_PlugInUnit or RNC_CBU_Processor_Load.ne dn_SubNetwork & "/" & moid_Equipment & "/" & moid_Subrack & "/" & moid_Slot & "/" & moid_PlugInUnit or RXI_CBU_Processor_Load.ned n_SubNetwork & "/" & moid_Equipment & "/" & moid_Subrack & "/" & moid_Slot & "/" & moid_PlugInUnit	
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Configuration Attributes				
Medium_Acc	A user-friendly name			RNC_Processor_Load.nedn_Su

<p>ess_Unit_Name</p>	<p>preferably unique for the Medium_Access_Unit.</p>		<p>bNetwork & "/" & moid_Equipment & "/" & moid_Subrack & "/" & moid_Slot & "/" & moid_PlugInUnit & "/" & moid_GeneralProcessorUnit & "/" & moid_MediumAccessUnit or RXI_Processor_Load.nedn_Sub Network & "/" & moid_Equipment & "/" & moid_Subrack & "/" & moid_Slot & "/" & moid_PlugInUnit & "/" & moid_GeneralProcessorUnit & "/" & moid_MediumAccessUnit or NODEB_Processor_Load.nedn_ SubNetwork & "/" & nedn_MeContext & "/" & moid_Equipment & "/" & moid_Subrack & "/" & moid_Slot & "/" & moid_PlugInUnit & "/" & moid_GeneralProcessorUnit & "/" & moid_MediumAccessUnit or NODEB_CBU_Processor_Load. nedn_SubNetwork & "/" & nedn_MeContext & "/" & moid_Equipment & "/" & moid_Subrack & "/" & moid_Slot & "/" & moid_PlugInUnit & "/" & moid_Cbu & "/" & moid_GeneralProcessorUnit & "/" & moid_MediumAccessUnit or RNC_CBU_Processor_Load.ne dn_SubNetwork & "/" & moid_Equipment & "/" &</p>
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			<p>moid_Subrack & "/" & moid_Slot & "/" & moid_PlugInUnit & "/" & moid_Cbu & "/" & moid_GeneralProcessorUnit & "/" & moid_MediumAccessUnit or RXI_CBU_Processor_Load.nedn_SubNetwork & "/" & moid_Equipment & "/" & moid_Subrack & "/" & moid_Slot & "/" & moid_PlugInUnit & "/" & moid_Cbu & "/" & moid_GeneralProcessorUnit & "/" & moid_MediumAccessUnit; RNC_Processor_Load.nedn_SubNetwork & "/" & moid_Equipment & "/" & moid_Subrack & "/" & moid_Slot & "/" & moid_PlugInUnit & "/" & moid_GeneralProcessorUnit & "/" & moid_MediumAccessUnit or RXI_Processor_Load.nedn_SubNetwork & "/" & moid_Equipment & "/" & moid_Subrack & "/" & moid_Slot & "/" & moid_PlugInUnit & "/" & moid_GeneralProcessorUnit & "/" & moid_MediumAccessUnit or NODEB_Processor_Load.nedn_SubNetwork & "/" & nedn_MeContext & "/" & moid_Equipment & "/" & moid_Subrack & "/" & moid_Slot & "/" & moid_PlugInUnit & "/" & moid_GeneralProcessorUnit & "/" & moid_MediumAccessUnit or NODEB_CBU_Processor_Load.</p>
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				<p>nedn_SubNetwork & "/" & nedn_MeContext & "/" & moid_Equipment & "/" & moid_Subrack & "/" & moid_Slot & "/" & moid_PlugInUnit & "/" & moid_Cbu & "/" & moid_GeneralProcessorUnit & "/" & moid_MediumAccessUnit or RNC_CBU_Processor_Load.ne dn_SubNetwork & "/" & moid_Equipment & "/" & moid_Subrack & "/" & moid_Slot & "/" & moid_PlugInUnit & "/" & moid_Cbu & "/" & moid_GeneralProcessorUnit & "/" & moid_MediumAccessUnit or RXI_CBU_Processor_Load.ned n_SubNetwork & "/" & moid_Equipment & "/" & moid_Subrack & "/" & moid_Slot & "/" & moid_PlugInUnit & "/" & moid_Cbu & "/" & moid_GeneralProcessorUnit & "/" & moid_MediumAccessUnit</p>
Technology	Technology of the network/element (e.g. GSM, GPRS, UMTS).			<p>RNC_Processor_Load."UMTS" or RXI_Processor_Load."UMTS" or NODEB_Processor_Load."UM TS" or NODEB_CBU_Processor_Load. "UMTS" or RNC_CBU_Processor_Load."U MTS" or RXI_CBU_Processor_Load."U</p>

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			<p>MTS"; RNC_Processor_Load."UMTS" or RXI_Processor_Load."UMTS" or NODEB_Processor_Load."UMTS" or NODEB_CBU_Processor_Load." "UMTS" or RNC_CBU_Processor_Load."UMTS" or RXI_CBU_Processor_Load."UMTS"</p>	
Version	Hardware/Software version of the Medium Access Unit.		<p>RNC_Processor_Load."P7.1" or RXI_Processor_Load.."P7.1" or NODEB_Processor_Load."P7.1" " or NODEB_CBU_Processor_Load." "P7.1" or RNC_CBU_Processor_Load."P7.1" or RXI_CBU_Processor_Load."P7.1"; RNC_Processor_Load."P7.1" or RXI_Processor_Load.."P7.1" or NODEB_Processor_Load."P7.1" " or NODEB_CBU_Processor_Load." "P7.1" or RNC_CBU_Processor_Load."P7.1" or RXI_CBU_Processor_Load."P7.1"</p>	
Node_Type	Type of Node.		<p>RNC_Processor_Load."RNC" or NODEB_Processor_Load."NodeB" or RXI_Processor_Load."RXI" or RNC_CBU_Processor_Load."RNC" or NODEB_CBU_Processor_Load." "NodeB" or RXI_CBU_Processor_Load."RXI"; RNC_Processor_Load."RNC"</p>	

				or NODEB_Processor_Load."NodeB" or RXI_Processor_Load."RXI" or RNC_CBU_Processor_Load."RNC" or NODEB_CBU_Processor_Load." NodeB" or RXI_CBU_Processor_Load."RXI"	
Node_Id	The unique identifier for the node this object is connected to.			No mapping; No mapping	
Node_Name	A user friendly name for this node the object is connected to.			No mapping; No mapping	

5.47 MTP2_Tp details

In the network hierarchy, the immediate parents of the MTP2_Tp object are: RNC and NodeB.

Attribute Name	Description	Read - Only ?	Time-Track ed?	Mapping	Aggrega tor
Primary Identifier					
MTP2_Tp_Id	A unique identifier for the MTP2 TP.	Y		RNC_Mtp2tpItu.nedn_SubNetwork & "/" & moid_Mtp2tpItu or NODEB_Mtp2tpItu.nedn_SubNetwork & "/" & nedn_MeContext & "/" & moid_Mtp2tpItu; RNC_Mtp2tpItu.nedn_SubNetwork & "/" & moid_Mtp2tpItu or NODEB_Mtp2tpItu.nedn_SubN	

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				network & "/" & nedn_MeContext & "/" & moid_Mtp2tpItu	
Relationship Attributes					
Network_Id	Network associated with the MTP2 TP.	Y	Y	lookup("nc_bsc","network_id", utime(StartDate & StartTime,"%d %b %Y %R"), RNC_Mtp2tpItu.nedn_SubNet work) or lookup("nc_bsc","network_id", utime(StartDate & StartTime,"%d %b %Y %R"), NODEB_Mtp2tpItu.nedn_SubN etwork); lookup("nc_bsc","network_id", utime(StartDate & StartTime,"%d %b %Y %R"), RNC_Mtp2tpItu.nedn_SubNet work) or lookup("nc_bsc","network_id", utime(StartDate & StartTime,"%d %b %Y %R"), NODEB_Mtp2tpItu.nedn_SubN etwork)	
Region_Id	Region associated with the MTP2 TP.	Y	Y	lookup("nc_bsc","region_id",uti me(StartDate & StartTime,"%d %b %Y %R"), RNC_Mtp2tpItu.nedn_SubNet work) or lookup("nc_bsc","region_id",uti me(StartDate & StartTime,"%d %b %Y %R"), NODEB_Mtp2tpItu.nedn_SubN etwork); lookup("nc_bsc","region_id",uti me(StartDate & StartTime,"%d %b %Y %R"), RNC_Mtp2tpItu.nedn_SubNet work) or lookup("nc_bsc","region_id",uti me(StartDate & StartTime,"%d %b %Y %R"), NODEB_Mtp2tpItu.nedn_SubN etwork)	

RNC_Id	RNC in a UTRAN network.	Y	Y	RNC_Mtp2tpItu.nedn_SubNetwork or NODEB_Mtp2tpItu.nedn_SubNetwork; RNC_Mtp2tpItu.nedn_SubNetwork or NODEB_Mtp2tpItu.nedn_SubNetwork
NodeB_Id	NodeB in a UTRAN network.	Y	Y	NODEB_Mtp2tpItu.nedn_SubNetwork & "/" & nedn_MeContext; NODEB_Mtp2tpItu.nedn_SubNetwork & "/" & nedn_MeContext
Configuration Attributes				
MTP2_Tp_Name	A user friendly name preferably unique for MTP2 TP.			RNC_Mtp2tpItu.nedn_SubNetwork & "/" & moid_Mtp2tpItu or NODEB_Mtp2tpItu.nedn_SubNetwork & "/" & nedn_MeContext & "/" & moid_Mtp2tpItu; RNC_Mtp2tpItu.nedn_SubNetwork & "/" & moid_Mtp2tpItu or NODEB_Mtp2tpItu.nedn_SubNetwork & "/" & nedn_MeContext & "/" & moid_Mtp2tpItu
Version	Hardware/Software version of the MTP2 TP.			RNC_Mtp2tpItu."P7.1" or NODEB_Mtp2tpItu."P7.1"; RNC_Mtp2tpItu."P7.1" or NODEB_Mtp2tpItu."P7.1"
Technology	Technology of the network/element (e.g. GSM, GPRS, UMTS).			RNC_Mtp2tpItu."UMTS" or NODEB_Mtp2tpItu."UMTS"; RNC_Mtp2tpItu."UMTS" or NODEB_Mtp2tpItu."UMTS"

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Node_Id	The unique identifier for the node this object is connected to.			No mapping; No mapping	
Node_Type	The type of network element of the node this object is connected to.			RNC_Mtp2tpItu."RNC" or NODEB_Mtp2tpItu."NodeB" ; RNC_Mtp2tpItu."RNC" or NODEB_Mtp2tpItu."NodeB"	
Node_Name	A user friendly name for this node the object is connected to.			No mapping; No mapping	

5.48 MTP3B_AP details

In the network hierarchy, the immediate parents of the MTP3B_AP object are: RNC and Region.

Attribute Name	Description	Read - Only ?	Time-Track ed?	Mapping	Aggrega tor
Primary Identifier					
MTP3B_AP_I d	A unique identifier for the MTP3B_AP signaling in a UTRAN network.	Y		ME_TN_Mtp3bSpItu_Mtp3bA p.nedn_SubNetwork & "/" & moid_Mtp3bSpItu & "/" & moid_Mtp3bAp; ME_TN_Mtp3bSpItu_Mtp3bA p.nedn_SubNetwork & "/" & moid_Mtp3bSpItu & "/" & moid_Mtp3bAp	
Relationship Attributes					
RNC_Id	RNC in a UTRAN network.	Y	Y	ME_TN_Mtp3bSpItu_Mtp3bA p.nedn_SubNetwork; ME_TN_Mtp3bSpItu_Mtp3bA p.nedn_SubNetwork	
Signalling_Po int_Id	The signalling point associated with the object.	Y	Y	No mapping; No mapping	
Region_Id	Region associated with the MTP3B AP.	Y	Y	lookup("nc_bsc","region_id",uti me(StartDate & StartTime,"%d %b %Y %R"),	

				nedn_SubNetwork); lookup("nc_bsc","region_id",utime(StartDate & StartTime,"%d %b %Y %R"), nedn_SubNetwork)	
Network_Id	Network associated with the MTP3B SP.	Y	Y	lookup("nc_bsc","network_id", utime(StartDate & StartTime,"%d %b %Y %R"), nedn_SubNetwork); lookup("nc_bsc","network_id", utime(StartDate & StartTime,"%d %b %Y %R"), nedn_SubNetwork)	
Configuration Attributes					
MTP3B_AP_Name	A user friendly name preferably unique for MTP3B AP.			ME_TN_Mtp3bSpItu_Mtp3bAp.nedn_SubNetwork & "/" & moid_Mtp3bSpItu & "/" & moid_Mtp3bAp; ME_TN_Mtp3bSpItu_Mtp3bAp.nedn_SubNetwork & "/" & moid_Mtp3bSpItu & "/" & moid_Mtp3bAp	
Node_Id	The unique identifier for the node this object is connected to.			No mapping; No mapping	
Node_Type	The type of network element of the node this object is connected to.			ME_TN_Mtp3bSpItu_Mtp3bAp."RNC"; ME_TN_Mtp3bSpItu_Mtp3bAp."RNC"	
Node_Name	A user friendly name for this node the object is connected to.			No mapping; No mapping	
Version	Hardware/Software version of the MTP3B AP.			"P7.1"; "P7.1"	
Technology	Technology of the			"UMTS"; "UMTS"	

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	network/element (e.g. GSM, GPRS, UMTS).				
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5.49 MTP3B_SL details

In the network hierarchy, the immediate parents of the MTP3B_SL object are: RNC and MTP3B_SP.

Attribute Name	Description	Read - Only ?	Time-Track ed?	Mapping	Aggrega tor
Primary Identifier					
MTP3B_SL_Id	A unique identifier for the MTP signalling Link in a UTRAN network.	Y		ME_TN_Mtp3bSpItu_Mtp3bSls_Mtp3bSIItu.nedn_SubNetwork & "/" & moid_Mtp3bSpItu & "/" & moid_Mtp3bSls & "/" & moid_Mtp3bSIItu; ME_TN_Mtp3bSpItu_Mtp3bSls_Mtp3bSIItu.nedn_SubNetwork & "/" & moid_Mtp3bSpItu & "/" & moid_Mtp3bSls & "/" & moid_Mtp3bSIItu	
Relationship Attributes					
Network_Id	Network associated with the MTP3B SL.	Y	Y	lookup("nc_bsc","network_id", utime(StartDate & StartTime,"%d %b %Y %R"), nedn_SubNetwork); lookup("nc_bsc","network_id", utime(StartDate & StartTime,"%d %b %Y %R"), nedn_SubNetwork)	
RNC_Id	RNC in a UTRAN network.	Y	Y	ME_TN_Mtp3bSpItu_Mtp3bSls_Mtp3bSIItu.nedn_SubNetwork ; ME_TN_Mtp3bSpItu_Mtp3bSls_Mtp3bSIItu.nedn_SubNetwork	
Region_Id	Region associated with the MTP3B SL.	Y	Y	lookup("nc_bsc","region_id", utime(StartDate & StartTime,"%d %b %Y %R"), nedn_SubNetwork); lookup("nc_bsc","region_id", uti	

				me(StartDate & StartTime,"%d %b %Y %R"), nedn_SubNetwork)	
MTP3B_SP_Id	MTP3B SP associated with this Signalling Link.	Y	Y	ME_TN_Mtp3bSpItu_Mtp3bSls_Mtp3bSIItu.nedn_SubNetwork & "/" & moid_Mtp3bSpItu; ME_TN_Mtp3bSpItu_Mtp3bSls_Mtp3bSIItu.nedn_SubNetwork & "/" & moid_Mtp3bSpItu	
Configuration Attributes					
MTP3B_SL_Name	A user friendly name preferably unique for the MTP3B SL.			ME_TN_Mtp3bSpItu_Mtp3bSls_Mtp3bSIItu.nedn_SubNetwork & "/" & moid_Mtp3bSpItu & "/" & moid_Mtp3bSls & "/" & moid_Mtp3bSIItu; ME_TN_Mtp3bSpItu_Mtp3bSls_Mtp3bSIItu.nedn_SubNetwork & "/" & moid_Mtp3bSpItu & "/" & moid_Mtp3bSls & "/" & moid_Mtp3bSIItu	
Technology	Technology of the network/element (e.g. GSM, GPRS, UMTS).			"UMTS"; "UMTS"	
Version	Hardware/Software version of the MTP3B SL.			"P7.1"; "P7.1"	
Node_Id	The unique identifier for the node this object is connected to.			No mapping; No mapping	
Node_Type	The type of network element of the node this object is connected to.			ME_TN_Mtp3bSpItu_Mtp3bSls_Mtp3bSIItu."RNC"; ME_TN_Mtp3bSpItu_Mtp3bSls_Mtp3bSIItu."RNC"	
Node_Name	A user friendly name for this node the object is connected to.			No mapping; No mapping	

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5.50 MTP3B_SP details

In the network hierarchy, the immediate parent of the MTP3B_SP object is RNC.

Attribute Name	Description	Read - Only ?	Time-Track ed?	Mapping	Aggrega tor
Primary Identifier					
MTP3B_SP_I d	A unique identifier for the MTP3B_SP signaling in a UTRAN network.	Y		RNC_Mtp3bSpItu_Signaling.nedn_SubNetwork & "/" & moid_Mtp3bSpItu; RNC_Mtp3bSpItu_Signaling.nedn_SubNetwork & "/" & moid_Mtp3bSpItu	
Relationship Attributes					
Network_Id	Network associated with the MTP3B SP.	Y	Y	lookup("nc_bsc","network_id", utime(StartDate & StartTime,"%d %b %Y %R"), nedn_SubNetwork); lookup("nc_bsc","network_id", utime(StartDate & StartTime,"%d %b %Y %R"), nedn_SubNetwork)	
RNC_Id	RNC in a UTRAN network.	Y	Y	RNC_Mtp3bSpItu_Signaling.nedn_SubNetwork; RNC_Mtp3bSpItu_Signaling.nedn_SubNetwork	
Region_Id	Region associated with the MTP3B SP.	Y	Y	lookup("nc_bsc","region_id", utime(StartDate & StartTime,"%d %b %Y %R"), nedn_SubNetwork); lookup("nc_bsc","region_id", utime(StartDate & StartTime,"%d %b %Y %R"), nedn_SubNetwork)	
Configuration Attributes					
MTP3B_SP_ Name	A user friendly name preferably unique for MTP3B SP.			RNC_Mtp3bSpItu_Signaling.nedn_SubNetwork & "/" & moid_Mtp3bSpItu;	

				RNC_Mtp3bSpItu_Signaling.nedn_SubNetwork & "/" & moid_Mtp3bSpItu	
Technology	Technology of the network/element (e.g. GSM, GPRS, UMTS).			"UMTS"; "UMTS"	
Version	Hardware/Software version of the MTP3B SP.			"P7.1"; "P7.1"	
Node_Id	The unique identifier for the node this object is connected to.			No mapping; No mapping	
Node_Type	The type of network element of the node this object is connected to.			RNC_Mtp3bSpItu_Signaling."RNC"; RNC_Mtp3bSpItu_Signaling."RNC"	
Node_Name	A user friendly name for this node the object is connected to.			No mapping; No mapping	

5.51 MTP3B_SR details

In the network hierarchy, the immediate parent of the MTP3B_SR object is MTP3B_SRS.

Attribute Name	Description	Read - Only ?	Time-Track ed?	Mapping	Aggrega tor
Primary Identifier					
MTP3B_SR_I d	A unique identifier for the MTP3B signalling route.	Y		ME_TN_Mtp3bSpItu_Mtp3bSrs_Mtp3bSr.nedn_SubNetwork & "/" & moid_Mtp3bSpItu & "/" & moid_Mtp3bSrs & "/" & moid_Mtp3bSr; ME_TN_Mtp3bSpItu_Mtp3bSrs_Mtp3bSr.nedn_SubNetwork	

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				& "/" & moid_Mtp3bSpItu & "/" & moid_Mtp3bSrs & "/" & moid_Mtp3bSr	
Relationship Attributes					
RNC_Id	RNC in a UTRAN network.	Y	Y	ME_TN_Mtp3bSpItu_Mtp3bSrs_Mtp3bSr.nedn_SubNetwork; ME_TN_Mtp3bSpItu_Mtp3bSrs_Mtp3bSr.nedn_SubNetwork	
MTP3B_SP_Id	MTP3B signalling point.	Y	Y	ME_TN_Mtp3bSpItu_Mtp3bSrs_Mtp3bSr.nedn_SubNetwork & "/" & moid_Mtp3bSpItu; ME_TN_Mtp3bSpItu_Mtp3bSrs_Mtp3bSr.nedn_SubNetwork & "/" & moid_Mtp3bSpItu	
MTP3B_SRS_Id	MTP3B signalling route set.	Y	Y	ME_TN_Mtp3bSpItu_Mtp3bSrs_Mtp3bSr.nedn_SubNetwork & "/" & moid_Mtp3bSpItu & "/" & moid_Mtp3bSrs; ME_TN_Mtp3bSpItu_Mtp3bSrs_Mtp3bSr.nedn_SubNetwork & "/" & moid_Mtp3bSpItu & "/" & moid_Mtp3bSrs	
Network_Id	Network associated with the MTP3B SR.	Y	Y	lookup("nc_bsc","network_id", utime(StartDate & StartTime,"%d %b %Y %R"), nedn_SubNetwork); lookup("nc_bsc","network_id", utime(StartDate & StartTime,"%d %b %Y %R"), nedn_SubNetwork)	
Region_Id	Region associated with the MTP3B SR.	Y	Y	lookup("nc_bsc","region_id", utime(StartDate & StartTime,"%d %b %Y %R"), nedn_SubNetwork); lookup("nc_bsc","region_id", utime(StartDate & StartTime,"%d %b %Y %R"), nedn_SubNetwork)	
Configuration Attributes					
MTP3B_SR_Name	A user friendly name preferably unique for the			ME_TN_Mtp3bSpItu_Mtp3bSrs_Mtp3bSr.nedn_SubNetwork	

	MTP3B SR.			& "/" & moid_Mtp3bSpItu & "/" & moid_Mtp3bSrs & "/" & moid_Mtp3bSr; ME_TN_Mtp3bSpItu_Mtp3bSrs_Mtp3bSr.nedn_SubNetwork & "/" & moid_Mtp3bSpItu & "/" & moid_Mtp3bSrs & "/" & moid_Mtp3bSr	
Version	Hardware/Software version of the MTP3B SR.			"P7.1"; "P7.1"	
Technology	Technology of the network/element (e.g. GSM, GPRS, UMTS).			"UMTS"; "UMTS"	
Node_Id	The unique identifier for the node this object is connected to.			No mapping; No mapping	
Node_Type	The type of network element of the node this object is connected to.			ME_TN_Mtp3bSpItu_Mtp3bSrs_Mtp3bSr."RNC"; ME_TN_Mtp3bSpItu_Mtp3bSrs_Mtp3bSr."RNC"	
Node_Name	A user friendly name for this node the object is connected to.			No mapping; No mapping	

5.52 MTP3B_SRS details

In the network hierarchy, the immediate parent of the MTP3B_SRS object is MTP3B_SP.

Attribute Name	Description	Read - Only ?	Time-Track ed?	Mapping	Aggrega tor
Primary Identifier					
MTP3B_SRS_Id	A unique identifier for the MTP3B signaling	Y		ME_TN_Mtp3bSpItu_Mtp3bSrs.nedn_SubNetwork & "/" &	

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	route set.			moid_Mtp3bSpItu & "/" & moid_Mtp3bSrs; ME_TN_Mtp3bSpItu_Mtp3bSr s.nedn_SubNetwork & "/" & moid_Mtp3bSpItu & "/" & moid_Mtp3bSrs	
Relationship Attributes					
RNC_Id	RNC in a UTRAN network.	Y	Y	ME_TN_Mtp3bSpItu_Mtp3bSr s.nedn_SubNetwork; ME_TN_Mtp3bSpItu_Mtp3bSr s.nedn_SubNetwork	
MTP3B_SP_I d	Unique identifier for MTP3B signalling point.	Y	Y	ME_TN_Mtp3bSpItu_Mtp3bSr s.nedn_SubNetwork & "/" & moid_Mtp3bSpItu; ME_TN_Mtp3bSpItu_Mtp3bSr s.nedn_SubNetwork & "/" & moid_Mtp3bSpItu	
Network_Id	Network associated with the MTP3B SRS.	Y	Y	lookup("nc_bsc","network_id", utime(StartDate & StartTime,"%d %b %Y %R"), nedn_SubNetwork); lookup("nc_bsc","network_id", utime(StartDate & StartTime,"%d %b %Y %R"), nedn_SubNetwork)	
Region_Id	Region associated with the MTP3B SRS.	Y	Y	lookup("nc_bsc","region_id",uti me(StartDate & StartTime,"%d %b %Y %R"), nedn_SubNetwork); lookup("nc_bsc","region_id",uti me(StartDate & StartTime,"%d %b %Y %R"), nedn_SubNetwork)	
Configuration Attributes					
MTP3B_SRS _Name	A user friendly name preferably unique for the MTP3BSRS.			ME_TN_Mtp3bSpItu_Mtp3bSr s.nedn_SubNetwork & "/" & moid_Mtp3bSpItu & "/" & moid_Mtp3bSrs; ME_TN_Mtp3bSpItu_Mtp3bSr s.nedn_SubNetwork & "/" & moid_Mtp3bSpItu & "/" &	

				moid_Mtp3bSrs	
Technology	Technology of the network/element (e.g. GSM, GPRS, UMTS).			"UMTS"; "UMTS"	
Version	Hardware/Software version of the MTP3B SRS.			"P7.1"; "P7.1"	
Node_Id	The unique identifier for the node this object is connected to.			No mapping; No mapping	
Node_Type	The type of network element of the node this object is connected to.			ME_TN_Mtp3bSpItu_Mtp3bSrs."RNC"; ME_TN_Mtp3bSpItu_Mtp3bSrs."RNC"	
Node_Name	A user friendly name for this node the object is connected to.			No mapping; No mapping	

5.53 NBAPCommon details

In the network hierarchy, the immediate parent of the NBAPCommon object is Iub.

Attribute Name	Description	Read - Only ?	Time-Track ed?	Mapping	Aggrega tor
Primary Identifier					
NBAPCommon_Id	The primary identifier of the NBAPCommon	Y		ManagedElement_RncFunction_NbapCommon.nedn_SubNetwork & "/" & moid_IubLink & "/" & moid_NbapCommon; ManagedElement_RncFunction_NbapCommon.nedn_SubNetwork & "/" & moid_IubLink & "/" & moid_NbapCommon	

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Relationship Attributes					
NodeB_Id	Identifier for the NodeB associated with this object	Y	Y	lookup("nc_iub","nodeb_id",utime(StartDate & StartTime,"%d %b %Y %R"), ManagedElement_RncFunction_NbapCommon.nedn_SubNetwork & "/" & moid_IubLink); lookup("nc_iub","nodeb_id",utime(StartDate & StartTime,"%d %b %Y %R"), ManagedElement_RncFunction_NbapCommon.nedn_SubNetwork & "/" & moid_IubLink)	
Iub_Id	The Iub link related to this object.	Y	Y	ManagedElement_RncFunction_NbapCommon.nedn_SubNetwork & "/" & moid_IubLink; ManagedElement_RncFunction_NbapCommon.nedn_SubNetwork & "/" & moid_IubLink	
RNC_Id	RNC in a UTRAN network.	Y	Y	ManagedElement_RncFunction_NbapCommon.nedn_SubNetwork; ManagedElement_RncFunction_NbapCommon.nedn_SubNetwork	
Network_Id	Network associated with the NBAPCommon object.	Y	Y	lookup("nc_bsc","network_id",utime(StartDate & StartTime,"%d %b %Y %R"),nedn_SubNetwork); lookup("nc_bsc","network_id",utime(StartDate & StartTime,"%d %b %Y %R"),nedn_SubNetwork)	
Region_Id	Region associated with the NBAPCommon object.	Y	Y	lookup("nc_bsc","region_id",utime(StartDate & StartTime,"%d %b %Y %R"),nedn_SubNetwork); lookup("nc_bsc","region_id",utime(StartDate & StartTime,"%d %b %Y %R"),nedn_SubNetwork)	
Configuration Attributes					

NBAPCommon_Name	The meaningful name of the NBAPCommon.			ManagedElement_RncFunction_NbapCommon.nedn_SubNetwork & "/" & moid_IubLink & "/" & moid_NbapCommon; ManagedElement_RncFunction_NbapCommon.nedn_SubNetwork & "/" & moid_IubLink & "/" & moid_NbapCommon	
Technology	Technology of the network/element (e.g. GSM, GPRS, UMTS).			"UMTS"; "UMTS"	
Version	Hardware/Software version of the NBAPCommon object.			"P7.1"; "P7.1"	

5.54 Neighbour_RNC details

In the network hierarchy, the immediate parent of the Neighbour_RNC object is RNC.

Attribute Name	Description	Read - Only ?	Time-Track ed?	Mapping	Aggrega tor
Primary Identifier					
RNC_Neighbour_Id	A unique identifier for the RNC.	Y		ManagedElement_RncFunction_IurLink.nedn_SubNetwork & "/" & moid_IurLink or ManagedElement_RncFunction_IurLink_IurCchUp.nedn_SubNetwork & "/" & moid_IurLink or ManagedElement_RncFunction_IurLink_IurCchCp.nedn_SubNetwork & "/" & moid_IurLink; ManagedElement_RncFunction_IurLink.nedn_SubNetwork & "/" & moid_IurLink or ManagedElement_RncFunction	

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				_IurLink_IurCchUp.nedn_SubNetwork & "/" & moid_IurLink or ManagedElement_RncFunction_IurLink_IurCchCp.nedn_SubNetwork & "/" & moid_IurLink
Relationship Attributes				
Source_RNC_Id	A unique identifier for the Source RNC.	Y	Y	ManagedElement_RncFunction_IurLink.nedn_SubNetwork or ManagedElement_RncFunction_IurLink_IurCchUp.nedn_SubNetwork or ManagedElement_RncFunction_IurLink_IurCchCp.nedn_SubNetwork; ManagedElement_RncFunction_IurLink.nedn_SubNetwork or ManagedElement_RncFunction_IurLink_IurCchUp.nedn_SubNetwork or ManagedElement_RncFunction_IurLink_IurCchCp.nedn_SubNetwork
Configuration Attributes				
RNC_Neighbour_Name	A user friendly name preferably unique for the RNC.			ManagedElement_RncFunction_IurLink.nedn_SubNetwork & "/" & moid_IurLink or ManagedElement_RncFunction_IurLink_IurCchUp.nedn_SubNetwork & "/" & moid_IurLink or ManagedElement_RncFunction_IurLink_IurCchCp.nedn_SubNetwork & "/" & moid_IurLink; ManagedElement_RncFunction_IurLink.nedn_SubNetwork & "/" & moid_IurLink or ManagedElement_RncFunction_IurLink_IurCchUp.nedn_SubNetwork & "/" & moid_IurLink or ManagedElement_RncFunction_IurLink_IurCchCp.nedn_SubN

				etwork & "/" & moid_IurLink	
Source_RNC_Technology	Technology of the network/element (e.g. GSM, GPRS, UMTS).			ManagedElement_RncFunction_IurLink."UMTS" or ManagedElement_RncFunction_IurLink_IurCchUp."UMTS" or ManagedElement_RncFunction_IurLink_IurCchCp."UMTS"; ManagedElement_RncFunction_IurLink."UMTS" or ManagedElement_RncFunction_IurLink_IurCchUp."UMTS" or ManagedElement_RncFunction_IurLink_IurCchCp."UMTS"	
Source_RNC_Type	Type of Source RNC.			ManagedElement_RncFunction_IurLink."UTRAN" or ManagedElement_RncFunction_IurLink_IurCchUp."UTRAN" or ManagedElement_RncFunction_IurLink_IurCchCp."UTRAN"; ManagedElement_RncFunction_IurLink."UTRAN" or ManagedElement_RncFunction_IurLink_IurCchUp."UTRAN" or ManagedElement_RncFunction_IurLink_IurCchCp."UTRAN"	
Source_RNC_Vendor	Manufacturer of the Source RNC.			ManagedElement_RncFunction_IurLink."Ericsson" or ManagedElement_RncFunction_IurLink_IurCchUp."Ericsson" or ManagedElement_RncFunction_IurLink_IurCchCp."Ericsson"; ManagedElement_RncFunction_IurLink."Ericsson" or ManagedElement_RncFunction_IurLink_IurCchUp."Ericsson" or	

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				ManagedElement_RncFunction_IurLink_IurCchCp."Ericsson"	
Source_RNC_Version	Hardware/Software version of the Source RNC.			ManagedElement_RncFunction_IurLink."P7.1" or ManagedElement_RncFunction_IurLink_IurCchUp."P7.1" or ManagedElement_RncFunction_IurLink_IurCchCp."P7.1"; ManagedElement_RncFunction_IurLink."P7.1" or ManagedElement_RncFunction_IurLink_IurCchUp."P7.1" or ManagedElement_RncFunction_IurLink_IurCchCp."P7.1"	
Target_RNC_Id	A unique identifier for the Target RNC.			ManagedElement_RncFunction_IurLink.moid_IurLink or ManagedElement_RncFunction_IurLink_IurCchUp.moid_IurLink or ManagedElement_RncFunction_IurLink_IurCchCp.moid_IurLink; ManagedElement_RncFunction_IurLink.moid_IurLink or ManagedElement_RncFunction_IurLink_IurCchUp.moid_IurLink or ManagedElement_RncFunction_IurLink_IurCchCp.moid_IurLink	
Target_RNC_Technology	Technology of the network/element (e.g. GSM, GPRS, UMTS).			lookup("nc_bsc","technology", utime(StartDate & StartTime,"%d %b %Y %R"), ManagedElement_RncFunction_IurLink.nedn_SubNetwork or lookup("nc_bsc","technology", utime(StartDate & StartTime,"%d %b %Y %R"), ManagedElement_RncFunction_IurLink_IurCchUp.nedn_SubNetwork or lookup("nc_bsc","technology", utime(StartDate & StartTime,"%d %b %Y %R"),	

				ManagedElement_RncFunction_IurLink_IurCchCp.nedn_SubNetwork; lookup("nc_bsc","technology", utime(StartDate & StartTime,"%d %b %Y %R"), ManagedElement_RncFunction_IurLink.nedn_SubNetwork or lookup("nc_bsc","technology", utime(StartDate & StartTime,"%d %b %Y %R"), ManagedElement_RncFunction_IurLink_IurCchUp.nedn_SubNetwork or lookup("nc_bsc","technology", utime(StartDate & StartTime,"%d %b %Y %R"), ManagedElement_RncFunction_IurLink_IurCchCp.nedn_SubNetwork
Target_RNC_Type	Type of Target RNC.			ManagedElement_RncFunction_IurLink."UTRAN" or ManagedElement_RncFunction_IurLink_IurCchUp."UTRAN" or ManagedElement_RncFunction_IurLink_IurCchCp."UTRAN"; ManagedElement_RncFunction_IurLink."UTRAN" or ManagedElement_RncFunction_IurLink_IurCchUp."UTRAN" or ManagedElement_RncFunction_IurLink_IurCchCp."UTRAN"
Target_RNC_Vendor	Manufacturer of the Target RNC.			lookup("nc_bsc","vendor_id", utime(StartDate & StartTime,"%d %b %Y %R"), ManagedElement_RncFunction_IurLink.nedn_SubNetwork) or lookup("nc_bsc","vendor_id",

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			<pre> utime(StartDate & StartTime,"%d %b %Y %R"), ManagedElement_RncFunction _IurLink_IurCchUp.nedn_SubN etwork) or lookup("nc_bsc","vendor_id", utime(StartDate & StartTime,"%d %b %Y %R"), ManagedElement_RncFunction _IurLink_IurCchCp.nedn_SubN etwork); lookup("nc_bsc","vendor_id", utime(StartDate & StartTime,"%d %b %Y %R"), ManagedElement_RncFunction _IurLink.nedn_SubNetwork) or lookup("nc_bsc","vendor_id", utime(StartDate & StartTime,"%d %b %Y %R"), ManagedElement_RncFunction _IurLink_IurCchUp.nedn_SubN etwork) or lookup("nc_bsc","vendor_id", utime(StartDate & StartTime,"%d %b %Y %R"), ManagedElement_RncFunction _IurLink_IurCchCp.nedn_SubN etwork) </pre>
Target_RNC_Verison	Hardware/Software version of the Target RNC.		<pre> lookup("nc_bsc","bsc_version", utime(StartDate & StartTime,"%d %b %Y %R"), ManagedElement_RncFunction _IurLink.nedn_SubNetwork) or lookup("nc_bsc","bsc_version", utime(StartDate & StartTime,"%d %b %Y %R"), ManagedElement_RncFunction _IurLink_IurCchUp.nedn_SubN etwork) or lookup("nc_bsc","bsc_version", utime(StartDate & StartTime,"%d %b %Y %R"), ManagedElement_RncFunction _IurLink_IurCchCp.nedn_SubN etwork); </pre>

				lookup("nc_bsc","bsc_version", utime(StartDate & StartTime,"%d %b %Y %R"), ManagedElement_RncFunction _IurLink.nedn_SubNetwork) or lookup("nc_bsc","bsc_version", utime(StartDate & StartTime,"%d %b %Y %R"), ManagedElement_RncFunction _IurLink_IurCchUp.nedn_SubN etwork) or lookup("nc_bsc","bsc_version", utime(StartDate & StartTime,"%d %b %Y %R"), ManagedElement_RncFunction _IurLink_IurCchCp.nedn_SubN etwork)
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5.55 Neighbour details

In the network hierarchy, the immediate parent of the Neighbour object is Cell.

Attribute Name	Description	Read - Only ?	Time-Track ed?	Mapping	Aggrega tor
Primary Identifier					
Neighbour_Id	A unique identifier for the Neighbour.	Y		ManagedElement_RncFunction _UtranCell_GsmRelation.nedn_ SubNetwork & "/" & moid_UtranCell & "/" & moid_GsmRelation or ManagedElement_RncFunction _UtranCell_UtranRelation.nedn_ _SubNetwork & "/" & moid_UtranCell & "/" & moid_UtranRelation; ManagedElement_RncFunction _UtranCell_GsmRelation.nedn_	

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				SubNetwork & "/" & moid_UtranCell & "/" & moid_GsmRelation or ManagedElement_RncFunction _UtranCell_UtranRelation.nedn _SubNetwork & "/" & moid_UtranCell & "/" & moid_UtranRelation; UtranRelation.utranCellIubLink _MeContext & "/" & UtranCell_id & "/" & adjacentCell_UtranCell	
Relationship Attributes					
Source_Cell_I d	A unique identifier for the Cell_Id of the Cell that is handling calls.	Y	Y	ManagedElement_RncFunction _UtranCell_GsmRelation.moid_ UtranCell or ManagedElement_RncFunction _UtranCell_UtranRelation.moid _UtranCell; ManagedElement_RncFunction _UtranCell_GsmRelation.moid_ UtranCell or ManagedElement_RncFunction _UtranCell_UtranRelation.moid _UtranCell; UtranRelation.UtranCell_id	
Configuration Attributes					
Neighbour_N ame	A user friendly name preferably unique for the Neighbour.			ManagedElement_RncFunction _UtranCell_GsmRelation.nedn_ SubNetwork & "/" & moid_UtranCell & "/" & moid_GsmRelation or ManagedElement_RncFunction _UtranCell_UtranRelation.nedn _SubNetwork & "/" & moid_UtranCell & "/" & moid_UtranRelation; ManagedElement_RncFunction _UtranCell_GsmRelation.nedn_ SubNetwork & "/" & moid_UtranCell & "/" & moid_GsmRelation or ManagedElement_RncFunction	

				_UtranCell_UtranRelation.nedn _SubNetwork & "/" & moid_UtranCell & "/" & moid_UtranRelation; UtranRelation.UtranRelation_id
Source_Cell_Technology	Technology of the network/element (e.g. GSM, GPRS, UMTS).			ManagedElement_RncFunction _UtranCell_GsmRelation."UMTS" or ManagedElement_RncFunction _UtranCell_UtranRelation."UMTS"; ManagedElement_RncFunction _UtranCell_GsmRelation."UMTS" or ManagedElement_RncFunction _UtranCell_UtranRelation."UMTS"; No mapping
Source_Cell_Type	Type of Source Cell.			ManagedElement_RncFunction _UtranCell_GsmRelation."UMTS" or ManagedElement_RncFunction _UtranCell_UtranRelation."UMTS"; ManagedElement_RncFunction _UtranCell_GsmRelation."UMTS" or ManagedElement_RncFunction _UtranCell_UtranRelation."UMTS"; lookup("nc_cell","cell_type",now(),UtranCell_id)
Source_Cell_Vendor	Manufacturer of the Source Cell.			ManagedElement_RncFunction _UtranCell_GsmRelation."Ericsson" or ManagedElement_RncFunction _UtranCell_UtranRelation."Ericsson"; ManagedElement_RncFunction _UtranCell_GsmRelation."Ericsson"

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				son" or ManagedElement_RncFunction _UtranCell_UtranRelation."Eric sson"; No mapping	
Source_Cell_Version	Hardware/Software version of the Source Cell.			ManagedElement_RncFunction _UtranCell_GsmRelation."P7.1" or ManagedElement_RncFunction _UtranCell_UtranRelation."P7.1" ", ManagedElement_RncFunction _UtranCell_GsmRelation."P7.1" or ManagedElement_RncFunction _UtranCell_UtranRelation."P7.1" ", lookup("nc_cell","cell_version", now(),UtranCell_id)	
Target_Cell_Id	A unique identifier for the Cell_Id of the Cell that is receiving handed-over calls.			ManagedElement_RncFunction _UtranCell_GsmRelation.moid_ GsmRelation or ManagedElement_RncFunction _UtranCell_UtranRelation.moid _UtranRelation; ManagedElement_RncFunction _UtranCell_GsmRelation.moid_ GsmRelation or ManagedElement_RncFunction _UtranCell_UtranRelation.moid _UtranRelation; UtranRelation.adjacentCell_Utr anCell	
Target_Cell_Position	Position of Target Cell.			No mapping	
Target_Cell_Technology	Technology of the network/element (e.g. GSM, GPRS, UMTS).			ManagedElement_RncFunction _UtranCell_GsmRelation."UMT S" or ManagedElement_RncFunction _UtranCell_UtranRelation."UM TS"; ManagedElement_RncFunction _UtranCell_GsmRelation."UMT S" or	

				ManagedElement_RncFunction_UtranCell_UtranRelation."UMTS"; No mapping
Target_Cell_Type	Type of Target Cell.			ManagedElement_RncFunction_UtranCell_GsmRelation."UMTS" or ManagedElement_RncFunction_UtranCell_UtranRelation."UMTS"; ManagedElement_RncFunction_UtranCell_GsmRelation."UMTS" or ManagedElement_RncFunction_UtranCell_UtranRelation."UMTS"; lookup("nc_cell","cell_type",now(),adjacentCell_UtranCell)
Target_Cell_Vendor	Manufacturer of the Target Cell.			ManagedElement_RncFunction_UtranCell_GsmRelation."Ericsson" or ManagedElement_RncFunction_UtranCell_UtranRelation."Ericsson"; ManagedElement_RncFunction_UtranCell_GsmRelation."Ericsson" or ManagedElement_RncFunction_UtranCell_UtranRelation."Ericsson"; No mapping
Target_Cell_Version	Hardware/Software version of the Target Cell.			ManagedElement_RncFunction_UtranCell_GsmRelation."P7.1" or ManagedElement_RncFunction_UtranCell_UtranRelation."P7.1"; ManagedElement_RncFunction_UtranCell_GsmRelation."P7.1" or ManagedElement_RncFunction

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				UtranCell_UtranRelation."P7.1"; No mapping	
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5.56 Network details

Attribute Name	Description	Read - Only ?	Time-Track ed?	Mapping	Aggrega tor
Primary Identifier					
Network_Id	A unique identifier for the Network.	Y		ManagedElement_RncFunction.NETWORK_ID; ManagedElement_RncFunction.NETWORK_ID; "Populated by customer"	
Configuration Attributes					
Network_Na me	A user friendly name preferably unique for the Network.			"Populated by customer"; "Populated by customer"; "PLMN"	
Default_Link _Speed	The default speed of SS7 Signalling Links in this network.			No mapping	
Network_Typ e	Type of Network (e.g. GSM-900, GSM-1800 or GSM-1900).			"UMTS"; "UMTS"; "UMTS"	

5.57 Nni_SAAL_Tp details

In the network hierarchy, the immediate parents of the Nni_SAAL_Tp object are: NodeB and RNC.

Attribute Name	Description	Read - Only ?	Time-Track ed?	Mapping	Aggrega tor
Primary Identifier					
Nni_SAAL_T p_Id	A unique identifier for the NniSAalTp signalling.	Y		RNC_NniSAalTp_Signaling.ne dn_SubNetwork & "/" & moid_NniSaalTp or NODEB_NniSAalTp_Signaling	

				.nedn_SubNetwork & "/" & nedn_MeContext & "/" & moid_NniSaalTp or RXI_NniSAalTp_Signaling.ned n_SubNetwork & "/" & nedn_MeContext & "/" & moid_NniSaalTp; RNC_NniSAalTp_Signaling.ne dn_SubNetwork & "/" & moid_NniSaalTp or NODEB_NniSAalTp_Signaling .nedn_SubNetwork & "/" & nedn_MeContext & "/" & moid_NniSaalTp or RXI_NniSAalTp_Signaling.ned n_SubNetwork & "/" & nedn_MeContext & "/" & moid_NniSaalTp	
Relationship Attributes					
Network_Id	Network associated with the NNI SAAL TP.	Y	Y	lookup("nc_bsc","network_id", utime(StartDate & StartTime,"%d %b %Y %R"), RNC_NniSAalTp_Signaling.ne dn_SubNetwork) or lookup("nc_bsc","network_id", utime(StartDate & StartTime,"%d %b %Y %R"), NODEB_NniSAalTp_Signaling .nedn_SubNetwork) or lookup("nc_bsc","network_id", utime(StartDate & StartTime,"%d %b %Y %R"), RXI_NniSAalTp_Signaling.ned n_SubNetwork); lookup("nc_bsc","network_id", utime(StartDate & StartTime,"%d %b %Y %R"), RNC_NniSAalTp_Signaling.ne dn_SubNetwork) or lookup("nc_bsc","network_id",	

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				utime(StartDate & StartTime,"%d %b %Y %R"), NODEB_NniSAalTp_Signaling .nedn_SubNetwork) or lookup("nc_bsc","network_id", utime(StartDate & StartTime,"%d %b %Y %R"), RXI_NniSAalTp_Signaling.ned n_SubNetwork)
NodeB_Id	NodeB in a UTRAN network.	Y	Y	NODEB_NniSAalTp_Signaling .nedn_SubNetwork & "/" & nedn_MeContext; NODEB_NniSAalTp_Signaling .nedn_SubNetwork & "/" & nedn_MeContext
RNC_Id	RNC in a UTRAN network.	Y	Y	RNC_NniSAalTp_Signaling.ne dn_SubNetwork or NODEB_NniSAalTp_Signaling .nedn_SubNetwork or RXI_NniSAalTp_Signaling.ned n_SubNetwork; RNC_NniSAalTp_Signaling.ne dn_SubNetwork or NODEB_NniSAalTp_Signaling .nedn_SubNetwork or RXI_NniSAalTp_Signaling.ned n_SubNetwork
Region_Id	Region associated with the Nni SAAL Tp.	Y	Y	lookup("nc_bsc","region_id",uti me(StartDate & StartTime,"%d %b %Y %R"), RNC_NniSAalTp_Signaling.ne dn_SubNetwork) or lookup("nc_bsc","region_id",uti me(StartDate & StartTime,"%d %b %Y %R"), NODEB_NniSAalTp_Signaling .nedn_SubNetwork) or lookup("nc_bsc","region_id",uti me(StartDate & StartTime,"%d %b %Y %R"), RXI_NniSAalTp_Signaling.ned n_SubNetwork); lookup("nc_bsc","region_id",uti me(StartDate & StartTime,"%d

				%b %Y %R"), RNC_NniSAalTp_Signaling.nedn_SubNetwork) or lookup("nc_bsc","region_id",utime(StartDate & StartTime,"%d %b %Y %R"), NODEB_NniSAalTp_Signaling.nedn_SubNetwork) or lookup("nc_bsc","region_id",utime(StartDate & StartTime,"%d %b %Y %R"), RXI_NniSAalTp_Signaling.nedn_SubNetwork)
Configuration Attributes				
Nni_SAAL_Tp_Name	A user-friendly name preferably unique for the Nni SAAL Tp.			RNC_NniSAalTp_Signaling.nedn_SubNetwork & "/" & moid_NniSaalTp or NODEB_NniSAalTp_Signaling.nedn_SubNetwork & "/" & nedn_MeContext & "/" & moid_NniSaalTp or RXI_NniSAalTp_Signaling.nedn_SubNetwork & "/" & nedn_MeContext & "/" & moid_NniSaalTp; RNC_NniSAalTp_Signaling.nedn_SubNetwork & "/" & moid_NniSaalTp or NODEB_NniSAalTp_Signaling.nedn_SubNetwork & "/" & nedn_MeContext & "/" & moid_NniSaalTp or RXI_NniSAalTp_Signaling.nedn_SubNetwork & "/" & nedn_MeContext & "/" & moid_NniSaalTp
Technology	Technology of the network/element (e.g. GSM, GPRS, UMTS).			RNC_NniSAalTp_Signaling."UMTS" or NODEB_NniSAalTp_Signaling

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				."UMTS" or RXI_NniSAalTp_Signaling."U MTS"; RNC_NniSAalTp_Signaling."U MTS" or NODEB_NniSAalTp_Signaling ."UMTS" or RXI_NniSAalTp_Signaling."U MTS"	
Version	Hardware/Software version of the NNI SAAL TP.			RNC_NniSAalTp_Signaling."P 7.1" or NODEB_NniSAalTp_Signaling ."P7.1" or RXI_NniSAalTp_Signaling."P7 .1"; RNC_NniSAalTp_Signaling."P 7.1" or NODEB_NniSAalTp_Signaling ."P7.1" or RXI_NniSAalTp_Signaling."P7 .1"	
Node_Type	Type of Node.			RNC_NniSAalTp_Signaling."R NC" or NODEB_NniSAalTp_Signaling ."NodeB" or RXI_NniSAalTp_Signaling."R XI"; RNC_NniSAalTp_Signaling."R NC" or NODEB_NniSAalTp_Signaling ."NodeB" or RXI_NniSAalTp_Signaling."R XI"	
Node_Id	The unique identifier for the node this object is connected to.			No mapping; No mapping	
Node_Name	A user friendly name for this node the object is connected to.			No mapping; No mapping	

5.58 NodeB details

In the network hierarchy, the immediate parent of the NodeB object is RNC.

Attribute Name	Description	Read - Only ?	Time-Track ed?	Mapping	Aggrega tor
Primary Identifier					
NodeB_Id	A unique identifier for the NodeB.	Y		ManagedElement.nedn_SubNetwork & "/" & nedn_MeContext; ManagedElement.nedn_SubNetwork & "/" & nedn_MeContext; UtranCell.utranCellIubLink_MeContext & "/" & substr(utranCellIubLink_IubLink,-1,4)	
Relationship Attributes					
MSC_Id	A unique identifier for the MSC.	Y	Y	lookup("nc_bsc","msc_id",utime(StartDate & StartTime,"%d %b %Y %R"), nedn_SubNetwork); lookup("nc_bsc","msc_id",utime(StartDate & StartTime,"%d %b %Y %R"), nedn_SubNetwork); lookup("nc_bsc","msc_id",now(),utranCellIubLink_MeContext)	
Network_Id	Network associated with the NodeB.	Y	Y	lookup("nc_bsc","network_id",utime(StartDate & StartTime,"%d %b %Y %R"), nedn_SubNetwork); lookup("nc_bsc","network_id",utime(StartDate & StartTime,"%d %b %Y %R"), nedn_SubNetwork); lookup("nc_bsc","network_id",now(),utranCellIubLink_MeContext)	
RNC_Id	The RNC that controls this NodeB.	Y	Y	ManagedElement.nedn_SubNetwork; ManagedElement.nedn_SubNetwork;	

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				UtranCell.utranCellIubLink_MeContext	
Region_Id	Region associated with the NodeB.	Y	Y	lookup("nc_bsc","region_id",utime(StartDate & StartTime,"%d %b %Y %R"), nedn_SubNetwork); lookup("nc_bsc","region_id",utime(StartDate & StartTime,"%d %b %Y %R"), nedn_SubNetwork); lookup("nc_bsc","region_id",now(),utranCellIubLink_MeContext)	
SGSN_Id	A unique identifier for the SGSN.	Y	Y	lookup("nc_bsc","sgsn_id",utime(StartDate & StartTime,"%d %b %Y %R"), nedn_SubNetwork); lookup("nc_bsc","sgsn_id",utime(StartDate & StartTime,"%d %b %Y %R"), nedn_SubNetwork); lookup("nc_bsc","sgsn_id",now(),utranCellIubLink_MeContext)	
Configuration Attributes					
NodeB_Name	A user friendly name preferably unique for the NodeB (site).			ManagedElement.nedn_SubNetwork & "/" & nedn_MeContext; ManagedElement.nedn_SubNetwork & "/" & nedn_MeContext; substr(UtranCell.utranCellIubLink_IubLink,-1,4)	
NodeB_Version	Hardware/Software version of the NodeB.			"P7.1"; "P7.1"; "P7.1"	
Technology	Technology of the network/element (e.g. GSM, GPRS, UMTS).			"UMTS"; "UMTS"; "UMTS"	

5.59 NodeSynch details

In the network hierarchy, the immediate parent of the NodeSynch object is Iub.

Attribute Name	Description	Read - Only ?	Time-Track ed?	Mapping	Aggregator
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Primary Identifier					
NodeSynch_Id	The primary identifier of the NodeSynch.	Y		ME_RNC_IubLink_NodeSynch.nedn_SubNetwork & "/" & moid_IubLink & "/" & moid_NodeSynch; ME_RNC_IubLink_NodeSynch.nedn_SubNetwork & "/" & moid_IubLink & "/" & moid_NodeSynch	
Relationship Attributes					
Iub_Id	The Iub link related to this object.	Y	Y	ME_RNC_IubLink_NodeSynch.nedn_SubNetwork & "/" & moid_IubLink; ME_RNC_IubLink_NodeSynch.nedn_SubNetwork & "/" & moid_IubLink	
NodeB_Id	Identifier for the NodeB associated with this object	Y	Y	lookup("nc_iub","nodeb_id",utime(StartDate & StartTime,"%d %b %Y %R"), ME_RNC_IubLink_NodeSynch.nedn_SubNetwork & "/" & moid_IubLink); lookup("nc_iub","nodeb_id",utime(StartDate & StartTime,"%d %b %Y %R"), ME_RNC_IubLink_NodeSynch.nedn_SubNetwork & "/" & moid_IubLink)	
RNC_Id	RNC in a UTRAN network.	Y	Y	ME_RNC_IubLink_NodeSynch.nedn_SubNetwork; ME_RNC_IubLink_NodeSynch.nedn_SubNetwork	
Network_Id	Network associated with the NodeSynch.	Y	Y	lookup("nc_bsc","network_id",utime(StartDate & StartTime,"%d %b %Y %R"),nedn_SubNetwork); lookup("nc_bsc","network_id",	

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				utime(StartDate & StartTime,"%d %b %Y %R"), nedn_SubNetwork)	
Region_Id	Region associated with the NodeSynch.	Y	Y	lookup("nc_bsc","region_id",utime(StartDate & StartTime,"%d %b %Y %R"), nedn_SubNetwork); lookup("nc_bsc","region_id",utime(StartDate & StartTime,"%d %b %Y %R"), nedn_SubNetwork)	
Configuration Attributes					
NodeSynch_Name	The meaningful name of the NodeSynch			ME_RNC_IubLink_NodeSynch.nedn_SubNetwork & "/" & moid_IubLink & "/" & moid_NodeSynch; ME_RNC_IubLink_NodeSynch.nedn_SubNetwork & "/" & moid_IubLink & "/" & moid_NodeSynch	
Technology	Technology of the network/element (e.g. GSM, GPRS, UMTS).			"UMTS"; "UMTS"	
Version	Hardware/Software version of the NodeSynch.			"P7.1"; "P7.1"	

5.60 OS155_Phys_Path_Term details

In the network hierarchy, the immediate parent of the OS155_Phys_Path_Term object is Plug_In_Unit.

Attribute Name	Description	Read - Only ?	Time-Track ed?	Mapping	Aggrega tor
Primary Identifier					
OS155_Phys_Path_Term_Id	A unique identifier for the 155Mbps Physical path Termination.	Y		RNC_155_Physical_Link.nedn_SubNetwork & "/" & moid_Equipment & "/" & moid_Subrack & "/" & moid_Slot & "/" &	

			moid_PlugInUnit & "/" & moid_ExchangeTerminal & "/" & moid_Os155SpiTtp or NODEB_155_Physical_Link.ne dn_SubNetwork & "/" & nedn_MeContext & "/" & moid_Equipment & "/" & moid_Subrack & "/" & moid_Slot & "/" & moid_PlugInUnit & "/" & moid_ExchangeTerminal & "/" & moid_Os155SpiTtp or RXI_155_Physical_Link.nedn_ SubNetwork & "/" & nedn_MeContext & "/" & moid_Equipment & "/" & moid_Subrack & "/" & moid_Slot & "/" & moid_PlugInUnit & "/" & moid_ExchangeTerminal & "/" & moid_Os155SpiTtp; RNC_155_Physical_Link.nedn_ SubNetwork & "/" & moid_Equipment & "/" & moid_Subrack & "/" & moid_Slot & "/" & moid_PlugInUnit & "/" & moid_ExchangeTerminal & "/" & moid_Os155SpiTtp or NODEB_155_Physical_Link.ne dn_SubNetwork & "/" & nedn_MeContext & "/" & moid_Equipment & "/" & moid_Subrack & "/" & moid_Slot & "/" & moid_PlugInUnit & "/" & moid_ExchangeTerminal & "/" & moid_Os155SpiTtp or RXI_155_Physical_Link.nedn_ SubNetwork & "/" & nedn_MeContext & "/" &
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				moid_Equipment & "/" & moid_Subrack & "/" & moid_Slot & "/" & moid_PlugInUnit & "/" & moid_ExchangeTerminal & "/" & & moid_Os155SpiTtp	
Relationship Attributes					
Network_Id	Network associated with the OS155 Phys Path Term.	Y	Y	lookup("nc_bsc","network_id", utime(StartDate & StartTime,"%d %b %Y %R"), RNC_155_Physical_Link.nedn_SubNetwork) or lookup("nc_bsc","network_id", utime(StartDate & StartTime,"%d %b %Y %R"), NODEB_155_Physical_Link.nedn_SubNetwork) or lookup("nc_bsc","network_id", utime(StartDate & StartTime,"%d %b %Y %R"), RXI_155_Physical_Link.nedn_SubNetwork); lookup("nc_bsc","network_id", utime(StartDate & StartTime,"%d %b %Y %R"), RNC_155_Physical_Link.nedn_SubNetwork) or lookup("nc_bsc","network_id", utime(StartDate & StartTime,"%d %b %Y %R"), NODEB_155_Physical_Link.nedn_SubNetwork) or lookup("nc_bsc","network_id", utime(StartDate & StartTime,"%d %b %Y %R"), RXI_155_Physical_Link.nedn_SubNetwork)	
NodeB_Id	NodeB in a UTRAN network.	Y	Y	NODEB_155_Physical_Link.nedn_SubNetwork & "/" & nedn_MeContext; NODEB_155_Physical_Link.nedn_SubNetwork & "/" & nedn_MeContext	

<p>Plug_In_Unit _Id</p>	<p>Equipment Plug in Unit in a UTRAN network.</p>	<p>Y</p>	<p>Y</p>	<p>RNC_155_Physical_Link.nedn_ SubNetwork & "/" & moid_Equipment & "/" & moid_Subrack & "/" & moid_Slot & "/" & moid_PlugInUnit or NODEB_155_Physical_Link.ne dn_SubNetwork & "/" & nedn_MeContext & "/" & moid_Equipment & "/" & moid_Subrack & "/" & moid_Slot & "/" & moid_PlugInUnit or RXI_155_Physical_Link.nedn_ SubNetwork & "/" & nedn_MeContext & "/" & moid_Equipment & "/" & moid_Subrack & "/" & moid_Slot & "/" & moid_PlugInUnit; RNC_155_Physical_Link.nedn_ SubNetwork & "/" & moid_Equipment & "/" & moid_Subrack & "/" & moid_Slot & "/" & moid_PlugInUnit or NODEB_155_Physical_Link.ne dn_SubNetwork & "/" & nedn_MeContext & "/" & moid_Equipment & "/" & moid_Subrack & "/" & moid_Slot & "/" & moid_PlugInUnit or RXI_155_Physical_Link.nedn_ SubNetwork & "/" & nedn_MeContext & "/" & moid_Equipment & "/" & moid_Subrack & "/" & moid_Slot & "/" & moid_PlugInUnit</p>
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RNC_Id	RNC in a UTRAN network.	Y	Y	RNC_155_Physical_Link.nedn_SubNetwork or NODEB_155_Physical_Link.nedn_SubNetwork or RXI_155_Physical_Link.nedn_SubNetwork; RNC_155_Physical_Link.nedn_SubNetwork or NODEB_155_Physical_Link.nedn_SubNetwork or RXI_155_Physical_Link.nedn_SubNetwork
Region_Id	Region associated with the OS155 Physical Path Termination.	Y	Y	lookup("nc_bsc","region_id",time(StartDate & StartTime,"%d %b %Y %R"), RNC_155_Physical_Link.nedn_SubNetwork) or lookup("nc_bsc","region_id",time(StartDate & StartTime,"%d %b %Y %R"), NODEB_155_Physical_Link.nedn_SubNetwork) or lookup("nc_bsc","region_id",time(StartDate & StartTime,"%d %b %Y %R"), RXI_155_Physical_Link.nedn_SubNetwork); lookup("nc_bsc","region_id",time(StartDate & StartTime,"%d %b %Y %R"), RNC_155_Physical_Link.nedn_SubNetwork) or lookup("nc_bsc","region_id",time(StartDate & StartTime,"%d %b %Y %R"), NODEB_155_Physical_Link.nedn_SubNetwork) or lookup("nc_bsc","region_id",time(StartDate & StartTime,"%d %b %Y %R"), RXI_155_Physical_Link.nedn_SubNetwork)

Configuration Attributes				
OS155_Phys_	A user friendly name			RNC_155_Physical_Link.nedn_

<p>Path_Term_Name</p>	<p>preferably unique for OS155 Phys Path Term.</p>		<p>SubNetwork & "/" & moid_Equipment & "/" & moid_Subrack & "/" & moid_Slot & "/" & moid_PlugInUnit & "/" & moid_ExchangeTerminal & "/" & & moid_Os155SpiTtp or NODEB_155_Physical_Link.nedn_SubNetwork & "/" & nedn_MeContext & "/" & moid_Equipment & "/" & moid_Subrack & "/" & moid_Slot & "/" & moid_PlugInUnit & "/" & moid_ExchangeTerminal & "/" & & moid_Os155SpiTtp or RXI_155_Physical_Link.nedn_SubNetwork & "/" & nedn_MeContext & "/" & moid_Equipment & "/" & moid_Subrack & "/" & moid_Slot & "/" & moid_PlugInUnit & "/" & moid_ExchangeTerminal & "/" & & moid_Os155SpiTtp; RNC_155_Physical_Link.nedn_SubNetwork & "/" & moid_Equipment & "/" & moid_Subrack & "/" & moid_Slot & "/" & moid_PlugInUnit & "/" & moid_ExchangeTerminal & "/" & & moid_Os155SpiTtp or NODEB_155_Physical_Link.nedn_SubNetwork & "/" & nedn_MeContext & "/" & moid_Equipment & "/" & moid_Subrack & "/" & moid_Slot & "/" & moid_PlugInUnit & "/" & moid_ExchangeTerminal & "/"</p>
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				& moid_Os155SpiTtp or RXI_155_Physical_Link.nedn_ SubNetwork & "/" & nedn_MeContext & "/" & moid_Equipment & "/" & moid_Subrack & "/" & moid_Slot & "/" & moid_PlugInUnit & "/" & moid_ExchangeTerminal & "/" & moid_Os155SpiTtp
Technology	Technology of the network/element (e.g. GSM, GPRS, UMTS).			RNC_155_Physical_Link."UM TS" or NODEB_155_Physical_Link." UMTS" or RXI_155_Physical_Link."UMT S"; RNC_155_Physical_Link."UM TS" or NODEB_155_Physical_Link." UMTS" or RXI_155_Physical_Link."UMT S"
Version	Hardware/Software version of the OS155 Phys Path Term.			RNC_155_Physical_Link."P7.1 " or NODEB_155_Physical_Link."P 7.1" or RXI_155_Physical_Link."P7.1" ; RNC_155_Physical_Link."P7.1 " or NODEB_155_Physical_Link."P 7.1" or RXI_155_Physical_Link."P7.1"
Node_Type	Type of Node.			RNC_155_Physical_Link."RNC " or NODEB_155_Physical_Link." NodeB" or RXI_155_Physical_Link."RXI" ; RNC_155_Physical_Link."RNC " or NODEB_155_Physical_Link." NodeB" or RXI_155_Physical_Link."RXI"

Node_Id	The unique identifier for the node this object is connected to.			No mapping; No mapping	
Node_Name	A user friendly name for this node the object is connected to.			No mapping; No mapping	

5.61 OSPF_Area details

In the network hierarchy, the immediate parent of the OSPF_Area object is OSPF.

Attribute Name	Description	Read - Only ?	Time-Track ed?	Mapping	Aggrega tor
Primary Identifier					
OSPF_Area_I d	A unique identifier for the OSPF routing protocol area.	Y		RNC_OspfArea.nedn_SubNetw ork & "/" & moid_IpSystem & "/" & moid_Ospf & "/" & moid_OspfArea or NODEB_OspfArea.nedn_SubN etwork & "/" & nedn_MeContext & "/" & moid_IpSystem & "/" & moid_Ospf & "/" & moid_OspfArea or RXI_OspfArea.nedn_SubNetw ork & "/" & nedn_MeContext & "/" & moid_IpSystem & "/" & moid_Ospf & "/" & moid_OspfArea; RNC_OspfArea.nedn_SubNetw ork & "/" & moid_IpSystem & "/" & moid_Ospf & "/" & moid_OspfArea or NODEB_OspfArea.nedn_SubN etwork & "/" & nedn_MeContext & "/" & moid_IpSystem & "/" &	

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				moid_Ospf & "/" & moid_OspfArea or RXI_OspfArea.nedn_SubNetwork & "/" & nedn_MeContext & "/" & moid_IpSystem & "/" & moid_Ospf & "/" & moid_OspfArea	
Relationship Attributes					
NodeB_Id	NodeB in a UTRAN network.	Y	Y	NODEB_OspfArea.nedn_SubNetwork & "/" & nedn_MeContext; NODEB_OspfArea.nedn_SubNetwork & "/" & nedn_MeContext	
RNC_Id	RNC in a UTRAN network.	Y	Y	RNC_OspfArea.nedn_SubNetwork or NODEB_OspfArea.nedn_SubNetwork or RXI_OspfArea.nedn_SubNetwork; RNC_OspfArea.nedn_SubNetwork or NODEB_OspfArea.nedn_SubNetwork or RXI_OspfArea.nedn_SubNetwork	
OSPF_Id	Unique identifier for the OSPF routing protocol.	Y	Y	RNC_OspfArea.nedn_SubNetwork & "/" & moid_IpSystem & "/" & moid_Ospf or NODEB_OspfArea.nedn_SubNetwork & "/" & nedn_MeContext & "/" & moid_IpSystem & "/" & moid_Ospf or RXI_OspfArea.nedn_SubNetwork & "/" & nedn_MeContext & "/" & moid_IpSystem & "/" & moid_Ospf; RNC_OspfArea.nedn_SubNetwork & "/" & moid_IpSystem & "/" & moid_Ospf or NODEB_OspfArea.nedn_SubNetwork & "/" &	

				nedn_MeContext & "/" & moid_IpSystem & "/" & moid_Ospf or RXI_OspfArea.nedn_SubNetwork & "/" & nedn_MeContext & "/" & moid_IpSystem & "/" & moid_Ospf	
Network_Id	Network associated with the OSPF Area.	Y	Y	lookup("nc_bsc","network_id", utime(StartDate & StartTime,"%d %b %Y %R"), RNC_OspfArea.nedn_SubNetwork) or lookup("nc_bsc","network_id", utime(StartDate & StartTime,"%d %b %Y %R"), NODEB_OspfArea.nedn_SubNetwork) or lookup("nc_bsc","network_id", utime(StartDate & StartTime,"%d %b %Y %R"), RXI_OspfArea.nedn_SubNetwork); lookup("nc_bsc","network_id", utime(StartDate & StartTime,"%d %b %Y %R"), RNC_OspfArea.nedn_SubNetwork) or lookup("nc_bsc","network_id", utime(StartDate & StartTime,"%d %b %Y %R"), NODEB_OspfArea.nedn_SubNetwork) or lookup("nc_bsc","network_id", utime(StartDate & StartTime,"%d %b %Y %R"), RXI_OspfArea.nedn_SubNetwork)	
Region_Id	Region associated with the OSPF_Area.	Y	Y	lookup("nc_bsc","region_id", utime(StartDate&StartTime,"%d %b %Y %R"),	

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				RNC_OspfArea.nedn_SubNetwork) or lookup("nc_bsc","region_id",time(StartDate&StartTime,"%d %b%Y%R"), NODEB_OspfArea.nedn_SubNetwork) or lookup("nc_bsc","region_id",time(StartDate&StartTime,"%d %b%Y%R"), RXI_OspfArea.nedn_SubNetwork); lookup("nc_bsc","region_id",time(StartDate&StartTime,"%d %b%Y%R"), RNC_OspfArea.nedn_SubNetwork) or lookup("nc_bsc","region_id",time(StartDate&StartTime,"%d %b%Y%R"), NODEB_OspfArea.nedn_SubNetwork) or lookup("nc_bsc","region_id",time(StartDate&StartTime,"%d %b%Y%R"), RXI_OspfArea.nedn_SubNetwork)
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Configuration Attributes				
OSPF_Area_Name	A user friendly name preferably unique for the OSPF Area.			RNC_OspfArea.nedn_SubNetwork & "/" & moid_IpSystem & "/" & moid_Ospf & "/" & moid_OspfArea or NODEB_OspfArea.nedn_SubNetwork & "/" & nedn_MeContext & "/" & moid_IpSystem & "/" & moid_Ospf & "/" & moid_OspfArea or RXI_OspfArea.nedn_SubNetwork & "/" & nedn_MeContext & "/" & moid_IpSystem & "/" & moid_Ospf & "/" & moid_OspfArea; RNC_OspfArea.nedn_SubNetwork & "/" & moid_IpSystem &

				"/" & moid_Ospf & "/" & moid_OspfArea or NODEB_OspfArea.nedn_SubNetwork & "/" & nedn_MeContext & "/" & moid_IpSystem & "/" & moid_Ospf & "/" & moid_OspfArea or RXI_OspfArea.nedn_SubNetwork & "/" & nedn_MeContext & "/" & moid_IpSystem & "/" & moid_Ospf & "/" & moid_OspfArea	
Technology	Technology of the network/element (e.g. GSM, GPRS, UMTS).			RNC_OspfArea."UMTS" or NODEB_OspfArea."UMTS" or RXI_OspfArea."UMTS"; RNC_OspfArea."UMTS" or NODEB_OspfArea."UMTS" or RXI_OspfArea."UMTS"	
Version	Hardware/Software version of the OSPF Area.			RNC_OspfArea."P7.1" or NODEB_OspfArea."P7.1" or RXI_OspfArea."P7.1"; RNC_OspfArea."P7.1" or NODEB_OspfArea."P7.1" or RXI_OspfArea."P7.1"	
Node_Type	Type of Node.			RNC_OspfArea."RNC" or NODEB_OspfArea."NodeB" or RXI_OspfArea."RXI" ; RNC_OspfArea."RNC" or NODEB_OspfArea."NodeB" or RXI_OspfArea."RXI"	
Node_Id	The unique identifier for the node this object is connected to.			No mapping; No mapping	
Node_Name	A user friendly name for this node the object is connected to.			No mapping; No mapping	

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5.62 OSPF_Interface details

In the network hierarchy, the immediate parent of the OSPF_Interface object is OSPF.

Attribute Name	Description	Read - Only ?	Time-Track ed?	Mapping	Aggrega tor
Primary Identifier					
OSPF_Interface_Id	A unique identifier for the OSPF routing protocol Interface.	Y		RNC_OspfInterface.nedn_SubNetwork & "/" & moid_IpSystem & "/" & moid_Ospf & "/" & moid_OspfInterface or NODEB_OspfInterface.nedn_SubNetwork & "/" & nedn_MeContext & "/" & moid_IpSystem & "/" & moid_Ospf & "/" & moid_OspfInterface or RXI_OspfInterface.nedn_SubNetwork & "/" & nedn_MeContext & "/" & moid_IpSystem & "/" & moid_Ospf & "/" & moid_OspfInterface; RNC_OspfInterface.nedn_SubNetwork & "/" & moid_IpSystem & "/" & moid_Ospf & "/" & moid_OspfInterface or NODEB_OspfInterface.nedn_SubNetwork & "/" & nedn_MeContext & "/" & moid_IpSystem & "/" & moid_Ospf & "/" & moid_OspfInterface or RXI_OspfInterface.nedn_SubNetwork & "/" & nedn_MeContext & "/" & moid_IpSystem & "/" & moid_Ospf & "/" & moid_OspfInterface	
Relationship Attributes					
NodeB_Id	NodeB in a UTRAN network.	Y	Y	NODEB_OspfInterface.nedn_SubNetwork & "/" & nedn_MeContext; NODEB_OspfInterface.nedn_S	

				ubNetwork & "/" & nedn_MeContext
RNC_Id	RNC in a UTRAN network.	Y	Y	RNC_OspfInterface.nedn_SubNetwork or NODEB_OspfInterface.nedn_SubNetwork or RXI_OspfInterface.nedn_SubNetwork; RNC_OspfInterface.nedn_SubNetwork or NODEB_OspfInterface.nedn_SubNetwork or RXI_OspfInterface.nedn_SubNetwork
OSPF_Id	Identifier for OSPF routing protocol.	Y	Y	RNC_OspfInterface.nedn_SubNetwork & "/" & moid_IpSystem & "/" & moid_Ospf & "/" & moid_OspfInterface or NODEB_OspfInterface.nedn_SubNetwork & "/" & nedn_MeContext & "/" & moid_IpSystem & "/" & moid_Ospf & "/" & moid_OspfInterface or RXI_OspfInterface.nedn_SubNetwork & "/" & nedn_MeContext & "/" & moid_IpSystem & "/" & moid_Ospf & "/" & moid_OspfInterface; RNC_OspfInterface.nedn_SubNetwork & "/" & moid_IpSystem & "/" & moid_Ospf & "/" & moid_OspfInterface or NODEB_OspfInterface.nedn_SubNetwork & "/" & nedn_MeContext & "/" & moid_IpSystem & "/" & moid_Ospf & "/" & moid_OspfInterface or RXI_OspfInterface.nedn_SubNe

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				network & "/" & nedn_MeContext & "/" & moid_IpSystem & "/" & moid_Ospf & "/" & moid_OspfInterface	
Network_Id	Network associated with the OSPF Interface.	Y	Y	lookup("nc_bsc","network_id",utime(StartDate & StartTime,"%d %b %Y %R"),RNC_OspfInterface.nedn_SubNetwork) or lookup("nc_bsc","network_id",utime(StartDate & StartTime,"%d %b %Y %R"),NODEB_OspfInterface.nedn_SubNetwork) or lookup("nc_bsc","network_id",utime(StartDate & StartTime,"%d %b %Y %R"),RXI_OspfInterface.nedn_SubNetwork); lookup("nc_bsc","network_id",utime(StartDate & StartTime,"%d %b %Y %R"),RNC_OspfInterface.nedn_SubNetwork) or lookup("nc_bsc","network_id",utime(StartDate & StartTime,"%d %b %Y %R"),NODEB_OspfInterface.nedn_SubNetwork) or lookup("nc_bsc","network_id",utime(StartDate & StartTime,"%d %b %Y %R"),RXI_OspfInterface.nedn_SubNetwork)	
Region_Id	Region associated with the OSPF_ Interface.	Y	Y	lookup("nc_bsc","region_id",utime(StartDate & StartTime,"%d %b %Y %R"),RNC_OspfInterface.nedn_SubNetwork) or lookup("nc_bsc","region_id",utime(StartDate & StartTime,"%d %b %Y %R"),NODEB_OspfInterface.nedn_SubNetwork) or lookup("nc_bsc","region_id",uti	

				<pre>me(StartDate & StartTime,"%d %b %Y %R"), RXI_OspfInterface.nedn_SubNe twork); lookup("nc_bsc","region_id",uti me(StartDate & StartTime,"%d %b %Y %R"), RNC_OspfInterface.nedn_SubN etwork) or lookup("nc_bsc","region_id",uti me(StartDate & StartTime,"%d %b %Y %R"), NODEB_OspfInterface.nedn_S ubNetwork) or lookup("nc_bsc","region_id",uti me(StartDate & StartTime,"%d %b %Y %R"), RXI_OspfInterface.nedn_SubNe twork)</pre>
Configuration Attributes				
OSPF_Interfa ce_Name	A user friendly name preferably unique for the OSPF Interface.			<pre>RNC_OspfInterface.nedn_SubN etwork & "/" & moid_IpSystem & "/" & moid_Ospf & "/" & moid_OspfInterface or NODEB_OspfInterface.nedn_S ubNetwork & "/" & nedn_MeContext & "/" & moid_IpSystem & "/" & moid_Ospf & "/" & moid_OspfInterface or RXI_OspfInterface.nedn_SubNe twork & "/" & nedn_MeContext & "/" & moid_IpSystem & "/" & moid_Ospf & "/" & moid_OspfInterface; RNC_OspfInterface.nedn_SubN etwork & "/" & moid_IpSystem & "/" & moid_Ospf & "/" & moid_OspfInterface or NODEB_OspfInterface.nedn_S</pre>

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				ubNetwork & "/" & nedn_MeContext & "/" & moid_IpSystem & "/" & moid_Ospf & "/" & moid_OspfInterface or RXI_OspfInterface.nedn_SubNe twork & "/" & nedn_MeContext & "/" & moid_IpSystem & "/" & moid_Ospf & "/" & moid_OspfInterface	
Technology	Technology of the network/element (e.g. GSM, GPRS, UMTS).			RNC_OspfInterface."UMTS" or NODEB_OspfInterface."UMTS" " or RXI_OspfInterface."UMTS"; RNC_OspfInterface."UMTS" or NODEB_OspfInterface."UMTS" " or RXI_OspfInterface."UMTS"	
Version	Hardware/Software version of the OSPF Interface.			RNC_OspfInterface."P7.1" or NODEB_OspfInterface."P7.1" or RXI_OspfInterface."P7.1"; RNC_OspfInterface."P7.1" or NODEB_OspfInterface."P7.1" or RXI_OspfInterface."P7.1"	
Node_Type	Type of Node.			RNC_OspfInterface."RNC" or NODEB_OspfInterface."NodeB" " or RXI_OspfInterface."RXI"; RNC_OspfInterface."RNC" or NODEB_OspfInterface."NodeB" " or RXI_OspfInterface."RXI"	
Node_Id	The unique identifier for the node this object is connected to.			No mapping; No mapping	
Node_Name	A user friendly name for this node the object is connected to.			No mapping; No mapping	

5.63 OSPF details

In the network hierarchy, the immediate parents of the OSPF object are: NodeB and RNC.

Attribute Name	Description	Read - Only ?	Time-Track ed?	Mapping	Aggrega tor
Primary Identifier					
OSPF_Id	A unique identifier for the OSPF routing protocol.	Y		RNC_Ospf.nedn_SubNetwork & "/" & moid_IpSystem & "/" & moid_Ospf or NODEB_Ospf.nedn_SubNetwork & "/" & nedn_MeContext & "/" & moid_IpSystem & "/" & moid_Ospf or RXI_Ospf.nedn_SubNetwork & "/" & nedn_MeContext & "/" & moid_IpSystem & "/" & moid_Ospf; RNC_Ospf.nedn_SubNetwork & "/" & moid_IpSystem & "/" & moid_Ospf or NODEB_Ospf.nedn_SubNetwork & "/" & nedn_MeContext & "/" & moid_IpSystem & "/" & moid_Ospf or RXI_Ospf.nedn_SubNetwork & "/" & nedn_MeContext & "/" & moid_IpSystem & "/" & moid_Ospf	
Relationship Attributes					
NodeB_Id	NodeB in a UTRAN network.	Y	Y	NODEB_Ospf.nedn_SubNetwork & "/" & nedn_MeContext; NODEB_Ospf.nedn_SubNetwork & "/" & nedn_MeContext	
RNC_Id	RNC in a UTRAN network.	Y	Y	RNC_Ospf.nedn_SubNetwork or NODEB_Ospf.nedn_SubNetwork or RXI_Ospf.nedn_SubNetwork; RNC_Ospf.nedn_SubNetwork	

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				or NODEB_Ospf.nedn_SubNetwork or RXI_Ospf.nedn_SubNetwork
Network_Id	Network associated with the OSPF.	Y	Y	lookup("nc_bsc","network_id", utime(StartDate & StartTime,"%d %b %Y %R"), RNC_Ospf.nedn_SubNetwork) or lookup("nc_bsc","network_id", utime(StartDate & StartTime,"%d %b %Y %R"), NODEB_Ospf.nedn_SubNetwork) or lookup("nc_bsc","network_id", utime(StartDate & StartTime,"%d %b %Y %R"), RXI_Ospf.nedn_SubNetwork); lookup("nc_bsc","network_id", utime(StartDate & StartTime,"%d %b %Y %R"), RNC_Ospf.nedn_SubNetwork) or lookup("nc_bsc","network_id", utime(StartDate & StartTime,"%d %b %Y %R"), NODEB_Ospf.nedn_SubNetwork) or lookup("nc_bsc","network_id", utime(StartDate & StartTime,"%d %b %Y %R"), RXI_Ospf.nedn_SubNetwork)
Region_Id	Region associated with the OSPF.	Y	Y	lookup("nc_bsc","region_id",uti me(StartDate & StartTime,"%d %b %Y %R"), RNC_Ospf.nedn_SubNetwork) or lookup("nc_bsc","region_id",uti me(StartDate & StartTime,"%d %b %Y %R"), NODEB_Ospf.nedn_SubNetwo rk) or lookup("nc_bsc","region_id",uti me(StartDate & StartTime,"%d %b %Y %R"),

				RXI_Ospf.nedn_SubNetwork); lookup("nc_bsc","region_id",uti me(StartDate & StartTime,"%d %b %Y %R"), RNC_Ospf.nedn_SubNetwork) or lookup("nc_bsc","region_id",uti me(StartDate & StartTime,"%d %b %Y %R"), NODEB_Ospf.nedn_SubNetwo rk) or lookup("nc_bsc","region_id",uti me(StartDate & StartTime,"%d %b %Y %R"), RXI_Ospf.nedn_SubNetwork)
Configuration Attributes				
OSPF_Name	A user friendly name preferably unique for the OSPF.			RNC_Ospf.nedn_SubNetwork & "/" & moid_IpSystem & "/" & moid_Ospf or NODEB_Ospf.nedn_SubNetwo rk & "/" & nedn_MeContext & "/" & moid_IpSystem & "/" & moid_Ospf or RXI_Ospf.nedn_SubNetwork & "/" & nedn_MeContext & "/" & moid_IpSystem & "/" & moid_Ospf; RNC_Ospf.nedn_SubNetwork & "/" & moid_IpSystem & "/" & moid_Ospf or NODEB_Ospf.nedn_SubNetwo rk & "/" & nedn_MeContext & "/" & moid_IpSystem & "/" & moid_Ospf or RXI_Ospf.nedn_SubNetwork & "/" & nedn_MeContext & "/" & moid_IpSystem & "/" & moid_Ospf
Technology	Technology of the			RNC_Ospf."UMTS" or

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	network/element (e.g. GSM, GPRS, UMTS).			NODEB_Ospf."UMTS" or RXI_Ospf."UMTS"; RNC_Ospf."UMTS" or NODEB_Ospf."UMTS" or RXI_Ospf."UMTS"	
Version	Hardware/Software version of the OSPF.			RNC_Ospf."P7.1" or NODEB_Ospf."P7.1" or RXI_Ospf."P7.1"; RNC_Ospf."P7.1" or NODEB_Ospf."P7.1" or RXI_Ospf."P7.1"	
Node_Type	Type of Node.			RNC_Ospf."RNC" or NODEB_Ospf."NodeB" or RXI_Ospf."RXI"; RNC_Ospf."RNC" or NODEB_Ospf."NodeB" or RXI_Ospf."RXI"	
Node_Id	The unique identifier for the node this object is connected to.			No mapping; No mapping	
Node_Name	A user friendly name for this node the object is connected to.			No mapping; No mapping	

5.64 PacketDataRouter details

In the network hierarchy, the immediate parent of the PacketDataRouter object is PDR_SP_Device.

Attribute Name	Description	Read - Only ?	Time-Track ed?	Mapping	Aggrega tor
Primary Identifier					
PacketDataRouter_Id	The primary identifier of the PacketDataRouter.	Y		Me_Eqpt_SpDevicePool_PdrDevice_PacketDataRouter.nedn_SubNetwork & "/" & moid_Equipment & "/" & moid_SpDevicePool & "/PDR-" & moid_PdrDevice & "/" & moid_PacketDataRouter; Me_Eqpt_SpDevicePool_PdrDevice_PacketDataRouter.nedn_	

				SubNetwork & "/" & moid_Equipment & "/" & moid_SpDevicePool & "/PDR-" & moid_PdrDevice & "/" & moid_PacketDataRouter	
Relationship Attributes					
RNC_Id	RNC in a UTRAN network.	Y	Y	Me_Eqpt_SpDevicePool_PdrDevice_PacketDataRouter.nedn_SubNetwork; Me_Eqpt_SpDevicePool_PdrDevice_PacketDataRouter.nedn_SubNetwork	
Network_Id	Network associated with the PacketDataRouter.	Y	Y	lookup("nc_bsc","network_id", utime(StartDate & StartTime,"%d %b %Y %R"), nedn_SubNetwork); lookup("nc_bsc","network_id", utime(StartDate & StartTime,"%d %b %Y %R"), nedn_SubNetwork)	
Region_Id	Region associated with the PacketDataRouter.	Y	Y	lookup("nc_bsc","region_id", utime(StartDate & StartTime,"%d %b %Y %R"), nedn_SubNetwork); lookup("nc_bsc","region_id", utime(StartDate & StartTime,"%d %b %Y %R"), nedn_SubNetwork)	
PDR_SP_Device_Id	The PDR SP Device related to this object.	Y	Y	Me_Eqpt_SpDevicePool_PdrDevice_PacketDataRouter.nedn_SubNetwork & "/" & moid_Equipment & "/" & moid_SpDevicePool & "/PDR-" & moid_PdrDevice; Me_Eqpt_SpDevicePool_PdrDevice_PacketDataRouter.nedn_SubNetwork & "/" & moid_Equipment & "/" &	

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				moid_SpDevicePool & "/PDR-" & moid_PdrDevice	
Configuration Attributes					
PacketDataRouter_Name	The meaningful name of the PacketDataRouter.			Me_Eqpt_SpDevicePool_PdrDevice_PacketDataRouter.nedn_SubNetwork & "/" & moid_Equipment & "/" & moid_SpDevicePool & "/PDR-" & moid_PdrDevice & "/" & moid_PacketDataRouter; Me_Eqpt_SpDevicePool_PdrDevice_PacketDataRouter.nedn_SubNetwork & "/" & moid_Equipment & "/" & moid_SpDevicePool & "/PDR-" & moid_PdrDevice & "/" & moid_PacketDataRouter	
Technology	Technology of the network/element (e.g. GSM, GPRS, UMTS).			"UMTS"; "UMTS"	
Version	Hardware/Software version of the PacketDataRouter.			"P7.1"; "P7.1"	

5.65 Pcap details

In the network hierarchy, the immediate parent of the Pcap object is SasPositioning.

Attribute Name	Description	Read - Only ?	Time-Track ed?	Mapping	Aggregator
Primary Identifier					
Pcap_Id	Unique identifier for the Pcap	Y		ME_RncFunction_SasPositioning_Pcap.nedn_SubNetwork&"/"&moid_saspositioning&"/"&moid_pcap; ME_RncFunction_SasPositioning_Pcap.nedn_SubNetwork&"/"&moid_saspositioning&"/"&moid_pcap	

Relationship Attributes					
RNC_Id	RNC associated with the Pcap	Y	Y	ME_RncFunction_SasPositioning_Pcap.nedn_SubNetwork; ME_RncFunction_SasPositioning_Pcap.nedn_SubNetwork	
SasPositioning_Id	SasPositioning object associated with this pcap	Y	Y	ME_RncFunction_SasPositioning_Pcap.nedn_SubNetwork&"/ "&moid_saspositioning; ME_RncFunction_SasPositioning_Pcap.nedn_SubNetwork&"/ "&moid_saspositioning	
Region_Id	Region associated with this Pcap	Y	Y	lookup("nc_bsc","region_id",utime(StartDate & StartTime,"%d %b %Y %R"), nedn_SubNetwork); lookup("nc_bsc","region_id",utime(StartDate & StartTime,"%d %b %Y %R"), nedn_SubNetwork)	
Network_Id	Network associated with this Pcap	Y	Y	lookup("nc_bsc","network_id", utime(StartDate & StartTime,"%d %b %Y %R"), nedn_SubNetwork); lookup("nc_bsc","network_id", utime(StartDate & StartTime,"%d %b %Y %R"), nedn_SubNetwork)	
Configuration Attributes					
Pcap_Name	A user friendly name, preferably unique for the Pcap.			ME_RncFunction_SasPositioning_Pcap.nedn_SubNetwork&"/ "&moid_saspositioning&"/"& moid_pcap; ME_RncFunction_SasPositioning_Pcap.nedn_SubNetwork&"/ "&moid_saspositioning&"/"& moid_pcap	

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Version	Hardware/software version associated with the Pcap			"P7.1"; "P7.1"	
Technology	Technology associated with the Pcap			"UMTS"; "UMTS"	

5.66 PDR_SP_Device details

In the network hierarchy, the immediate parent of the PDR_SP_Device object is RNC.

Attribute Name	Description	Read - Only ?	Time-Track ed?	Mapping	Aggrega tor
Primary Identifier					
PDR_SP_Dev ice_Id	The primary identifier of the PDR_SP_Device.	Y		Me_Eqpt_SpDevicePool_PdrDe vice.nedn_SubNetwork & "/" & moid_Equipment & "/" & moid_SpDevicePool & "/PDR-" & moid_PdrDevice; Me_Eqpt_SpDevicePool_PdrDe vice.nedn_SubNetwork & "/" & moid_Equipment & "/" & moid_SpDevicePool & "/PDR-" & moid_PdrDevice	
Relationship Attributes					
RNC_Id	RNC in a UTRAN network.	Y	Y	Me_Eqpt_SpDevicePool_PdrDe vice.nedn_SubNetwork; Me_Eqpt_SpDevicePool_PdrDe vice.nedn_SubNetwork	
Network_Id	Network associated with the PDR SP Device	Y	Y	lookup("nc_bsc","network_id", utime(StartDate & StartTime,"%d %b %Y %R"), nedn_SubNetwork); lookup("nc_bsc","network_id", utime(StartDate & StartTime,"%d %b %Y %R"), nedn_SubNetwork)	
Region_Id	Region associated with the PDR SP Device.	Y	Y	lookup("nc_bsc","region_id",uti me(StartDate & StartTime,"%d %b %Y %R"),	

				nedn_SubNetwork); lookup("nc_bsc","region_id",uti me(StartDate & StartTime,"%d %b %Y %R"), nedn_SubNetwork)	
Configuration Attributes					
PDR_SP_Dev ice_Name	The meaningful name of the PDR_SP_Device.			Me_Eqpt_SpDevicePool_PdrDe vice.nedn_SubNetwork & "/" & moid_Equipment & "/" & moid_SpDevicePool & "/PDR-" & moid_PdrDevice; Me_Eqpt_SpDevicePool_PdrDe vice.nedn_SubNetwork & "/" & moid_Equipment & "/" & moid_SpDevicePool & "/PDR-" & moid_PdrDevice	
Technology	Technology of the network/element (e.g. GSM, GPRS, UMTS).			"UMTS"; "UMTS"	
Version	Hardware/Software version of the PDR_SP_Device.			"P7.1"; "P7.1"	

5.67 Plug_In_Unit details

In the network hierarchy, the immediate parent of the Plug_In_Unit object is RNC.

Attribute Name	Description	Read - Only ?	Time- Track ed?	Mapping	Aggrega tor
Primary Identifier					
Plug_In_Unit _Id	A unique identifier for the Plug in Unit within a UTRAN network.	Y		RNC_Plug_In_Unit.nedn_SubN etwork & "/" & moid_Equipment & "/" & moid_Subrack & "/" & moid_Slot & "/" &	

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moid_PlugInUnit or
RXI_Plug_In_Unit.nedn_SubNe
twork & "/" & moid_Equipment
& "/" & moid_Subrack & "/" &
moid_Slot & "/" &
moid_PlugInUnit or
NODEB_Plug_In_Unit.nedn_Su
bNetwork & "/" &
nedn_MeContext & "/" &
moid_Equipment & "/" &
moid_Subrack & "/" &
moid_Slot & "/" &
moid_PlugInUnit or
ME_Eqpt_Subrack_Slot_PlugIn
Unit_SpbDvGrp_CcDevice.ned
n_SubNetwork & "/" &
moid_Equipment & "/" &
moid_Subrack & "/" &
moid_Slot & "/" &
moid_PlugInUnit & "/" &
moid_SpbDeviceGroup & "/" &
moid_SpbDeviceSet & "/" &
moid_CcDevice or
ME_Eqpt_Subrack_Slot_PlugIn
Unit_SpbDvGrp_DcDevice.ned
n_SubNetwork & "/" &
moid_Equipment & "/" &
moid_Subrack & "/" &
moid_Slot & "/" &
moid_PlugInUnit & "/" &
moid_SpbDeviceGroup & "/" &
moid_SpbDeviceSet & "/" &
moid_DcDevice or
RNC_PIU_GeneralProcessorUni
t_LoadControl.nedn_SubNetwor
k & "/" & moid_Equipment &
"/" & moid_Subrack & "/" &
moid_Slot & "/" &
moid_PlugInUnit & "/" &
moid_GeneralProcessorUnit &
"/" & moid_LoadControl or
NODEB_PIU_GeneralProcessor
Unit_LoadControl.nedn_SubNet
work & "/" & nedn_MeContext
& "/" & moid_Equipment & "/"
& moid_Subrack & "/" &

			<p>moid_Slot & "/" & moid_PlugInUnit & "/" & moid_GeneralProcessorUnit & "/" & moid_LoadControl or RXI_PIU_GeneralProcessorUnit _LoadControl.nedn_SubNetwor k & "/" & moid_Equipment & "/" & moid_Subrack & "/" & moid_Slot & "/" & moid_PlugInUnit & "/" & moid_GeneralProcessorUnit & "/" & moid_LoadControl; RNC_Plug_In_Unit.nedn_SubN etwork & "/" & moid_Equipment & "/" & moid_Subrack & "/" & moid_Slot & "/" & moid_PlugInUnit or RXI_Plug_In_Unit.nedn_SubNe twork & "/" & moid_Equipment & "/" & moid_Subrack & "/" & moid_Slot & "/" & moid_PlugInUnit or NODEB_Plug_In_Unit.nedn_Su bNetwork & "/" & nedn_MeContext & "/" & moid_Equipment & "/" & moid_Subrack & "/" & moid_Slot & "/" & moid_PlugInUnit or ME_Eqpt_Subrack_Slot_PlugIn Unit_SpbDvGrp_CcDevice.ned n_SubNetwork & "/" & moid_Equipment & "/" & moid_Subrack & "/" & moid_Slot & "/" & moid_PlugInUnit & "/" & moid_SpbDeviceGroup & "/" & moid_SpbDeviceSet & "/" & moid_CcDevice or ME_Eqpt_Subrack_Slot_PlugIn</p>	
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				Unit_SpbDvGrp_DcDevice.ned n_SubNetwork & "/" & moid_Equipment & "/" & moid_Subrack & "/" & moid_Slot & "/" & moid_PlugInUnit & "/" & moid_SpbDeviceGroup & "/" & moid_SpbDeviceSet & "/" & moid_DcDevice or RNC_PIU_GeneralProcessorUnit _LoadControl.nedn_SubNetwor k & "/" & moid_Equipment & "/" & moid_Subrack & "/" & moid_Slot & "/" & moid_PlugInUnit & "/" & moid_GeneralProcessorUnit & "/" & moid_LoadControl or NODEB_PIU_GeneralProcessor Unit_LoadControl.nedn_SubNet work & "/" & nedn_MeContext & "/" & moid_Equipment & "/" & moid_Subrack & "/" & moid_Slot & "/" & moid_PlugInUnit & "/" & moid_GeneralProcessorUnit & "/" & moid_LoadControl or RXI_PIU_GeneralProcessorUnit _LoadControl.nedn_SubNetwor k & "/" & moid_Equipment & "/" & moid_Subrack & "/" & moid_Slot & "/" & moid_PlugInUnit & "/" & moid_GeneralProcessorUnit & "/" & moid_LoadControl
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Relationship Attributes					
Network_Id	Network associated with the Plug In Unit.	Y	Y	lookup("nc_bsc","network_id",u time(StartDate & StartTime,"%d %b %Y %R"), RNC_Plug_In_Unit.nedn_SubN etwork) or lookup("nc_bsc","network_id",u time(StartDate & StartTime,"%d %b %Y %R"), RXI_Plug_In_Unit.nedn_SubNe twork) or	

			<pre> lookup("nc_bsc","network_id",u time(StartDate & StartTime,"%d %b %Y %R"), NODEB_Plug_In_Unit.nedn_Su bNetwork) or lookup("nc_bsc","network_id",u time(StartDate & StartTime,"%d %b %Y %R"), ME_Eqpt_Subrack_Slot_PlugIn Unit_SpbDvGrp_CcDevice.ned n_SubNetwork) or lookup("nc_bsc","network_id",u time(StartDate & StartTime,"%d %b %Y %R"), ME_Eqpt_Subrack_Slot_PlugIn Unit_SpbDvGrp_DcDevice.ned n_SubNetwork) or lookup("nc_bsc","network_id",u time(StartDate & StartTime,"%d %b %Y %R"), RNC_PIU_GeneralProcessorUni t_LoadControl.nedn_SubNetwor k) or lookup("nc_bsc","network_id",u time(StartDate & StartTime,"%d %b %Y %R"), NODEB_PIU_GeneralProcessor Unit_LoadControl.nedn_SubNet work) or lookup("nc_bsc","network_id",u time(StartDate & StartTime,"%d %b %Y %R"), RXI_PIU_GeneralProcessorUnit _LoadControl.nedn_SubNetwor k); lookup("nc_bsc","network_id",u time(StartDate & StartTime,"%d %b %Y %R"), RNC_Plug_In_Unit.nedn_SubN etwork) or lookup("nc_bsc","network_id",u </pre>
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				<p>time(StartDate & StartTime,"%d %b %Y %R"), RXI_Plug_In_Unit.nedn_SubNetwork) or lookup("nc_bsc","network_id",u time(StartDate & StartTime,"%d %b %Y %R"), NODEB_Plug_In_Unit.nedn_SubNetwork) or lookup("nc_bsc","network_id",u time(StartDate & StartTime,"%d %b %Y %R"), ME_Eqpt_Subrack_Slot_PlugIn_Unit_SpbDvGrp_CcDevice.nedn_SubNetwork) or lookup("nc_bsc","network_id",u time(StartDate & StartTime,"%d %b %Y %R"), ME_Eqpt_Subrack_Slot_PlugIn_Unit_SpbDvGrp_DcDevice.nedn_SubNetwork) or lookup("nc_bsc","network_id",u time(StartDate & StartTime,"%d %b %Y %R"), RNC_PIU_GeneralProcessorUnit_LoadControl.nedn_SubNetwork) or lookup("nc_bsc","network_id",u time(StartDate & StartTime,"%d %b %Y %R"), NODEB_PIU_GeneralProcessorUnit_LoadControl.nedn_SubNetwork) or lookup("nc_bsc","network_id",u time(StartDate & StartTime,"%d %b %Y %R"), RXI_PIU_GeneralProcessorUnit_LoadControl.nedn_SubNetwork)</p>	
RNC_Id	RNC in a UTRAN network.	Y	Y	<p>RNC_Plug_In_Unit.nedn_SubNetwork or NODEB_Plug_In_Unit.nedn_SubNetwork or RXI_Plug_In_Unit.nedn_SubNetwork or</p>	

				ME_Eqpt_Subrack_Slot_PlugIn Unit_SpbDvGrp_CcDevice.ned n_SubNetwork or ME_Eqpt_Subrack_Slot_PlugIn Unit_SpbDvGrp_DcDevice.ned n_SubNetwork or RNC_PIU_GeneralProcessorUni t_LoadControl.nedn_SubNetwor k or NODEB_PIU_GeneralProcessor Unit_LoadControl.nedn_SubNet work or RXI_PIU_GeneralProcessorUnit _LoadControl.nedn_SubNetwor k; RNC_Plug_In_Unit.nedn_SubN etwork or NODEB_Plug_In_Unit.nedn_Su bNetwork or RXI_Plug_In_Unit.nedn_SubNe twork or ME_Eqpt_Subrack_Slot_PlugIn Unit_SpbDvGrp_CcDevice.ned n_SubNetwork or ME_Eqpt_Subrack_Slot_PlugIn Unit_SpbDvGrp_DcDevice.ned n_SubNetwork or RNC_PIU_GeneralProcessorUni t_LoadControl.nedn_SubNetwor k or NODEB_PIU_GeneralProcessor Unit_LoadControl.nedn_SubNet work or RXI_PIU_GeneralProcessorUnit _LoadControl.nedn_SubNetwor k
Region_Id	Region associated with the Plug In Unit.	Y	Y	lookup("nc_bsc","region_id",uti me(StartDate & StartTime,"%d %b %Y %R"), RNC_Plug_In_Unit.nedn_SubN

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etwork) or
lookup("nc_bsc","region_id",time(StartDate & StartTime,"%d %b %Y %R"),
RXI_Plug_In_Unit.nedn_SubNetwork) or
lookup("nc_bsc","region_id",time(StartDate & StartTime,"%d %b %Y %R"),
NODEB_Plug_In_Unit.nedn_SubNetwork) or
lookup("nc_bsc","region_id",time(StartDate & StartTime,"%d %b %Y %R"),
ME_Eqpt_Subrack_Slot_PlugIn_Unit_SpbDvGrp_CcDevice.nedn_SubNetwork) or
lookup("nc_bsc","region_id",time(StartDate & StartTime,"%d %b %Y %R"),
ME_Eqpt_Subrack_Slot_PlugIn_Unit_SpbDvGrp_DcDevice.nedn_SubNetwork) or
lookup("nc_bsc","region_id",time(StartDate & StartTime,"%d %b %Y %R"),
RNC_PIU_GeneralProcessorUnit_LoadControl.nedn_SubNetwork) or
lookup("nc_bsc","region_id",time(StartDate & StartTime,"%d %b %Y %R"),
NODEB_PIU_GeneralProcessorUnit_LoadControl.nedn_SubNetwork) or
lookup("nc_bsc","region_id",time(StartDate & StartTime,"%d %b %Y %R"),
RXI_PIU_GeneralProcessorUnit_LoadControl.nedn_SubNetwork);
lookup("nc_bsc","region_id",time(StartDate & StartTime,"%d %b %Y %R"),
RNC_Plug_In_Unit.nedn_SubNetwork) or

			<p>lookup("nc_bsc","region_id",utime(StartDate & StartTime,"%d %b %Y %R"), RXI_Plug_In_Unit.nedn_SubNetwork) or lookup("nc_bsc","region_id",utime(StartDate & StartTime,"%d %b %Y %R"), NODEB_Plug_In_Unit.nedn_SubNetwork) or lookup("nc_bsc","region_id",utime(StartDate & StartTime,"%d %b %Y %R"), ME_Eqpt_Subrack_Slot_PlugIn_Unit_SpbDvGrp_CcDevice.nedn_SubNetwork) or lookup("nc_bsc","region_id",utime(StartDate & StartTime,"%d %b %Y %R"), ME_Eqpt_Subrack_Slot_PlugIn_Unit_SpbDvGrp_DcDevice.nedn_SubNetwork) or lookup("nc_bsc","region_id",utime(StartDate & StartTime,"%d %b %Y %R"), RNC_PIU_GeneralProcessorUnit_LoadControl.nedn_SubNetwork) or lookup("nc_bsc","region_id",utime(StartDate & StartTime,"%d %b %Y %R"), NODEB_PIU_GeneralProcessorUnit_LoadControl.nedn_SubNetwork) or lookup("nc_bsc","region_id",utime(StartDate & StartTime,"%d %b %Y %R"), RXI_PIU_GeneralProcessorUnit_LoadControl.nedn_SubNetwork)</p>
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Configuration Attributes

<p>Plug_In_Unit _Name</p>	<p>A user-friendly name preferably unique for the Plug In Unit.</p>			<p>RNC_Plug_In_Unit.nedn_SubNetwork & "/" & moid_Equipment & "/" & moid_Subrack & "/" & moid_Slot & "/" & moid_PlugInUnit or RXI_Plug_In_Unit.nedn_SubNetwork & "/" & moid_Equipment & "/" & moid_Subrack & "/" & moid_Slot & "/" & moid_PlugInUnit or NODEB_Plug_In_Unit.nedn_SubNetwork & "/" & nedn_MeContext & "/" & moid_Equipment & "/" & moid_Subrack & "/" & moid_Slot & "/" & moid_PlugInUnit or ME_Eqpt_Subrack_Slot_PlugInUnit_SpbDvGrp_CcDevice.nedn_SubNetwork & "/" & moid_Equipment & "/" & moid_Subrack & "/" & moid_Slot & "/" & moid_PlugInUnit & "/" & moid_SpbDeviceGroup & "/" & moid_SpbDeviceSet & "/" & moid_CcDevice or ME_Eqpt_Subrack_Slot_PlugInUnit_SpbDvGrp_DcDevice.nedn_SubNetwork & "/" & moid_Equipment & "/" & moid_Subrack & "/" & moid_Slot & "/" & moid_PlugInUnit & "/" & moid_SpbDeviceGroup & "/" & moid_SpbDeviceSet & "/" & moid_DcDevice or RNC_PIU_GeneralProcessorUnit_LoadControl.nedn_SubNetwork & "/" & moid_Equipment & "/" & moid_Subrack & "/" & moid_Slot & "/" & moid_PlugInUnit & "/" &</p>	
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			<p>moid_GeneralProcessorUnit & "/" & moid_LoadControl or NODEB_PIU_GeneralProcessorUnit_LoadControl.nedn_SubNetwork & "/" & nedn_MeContext & "/" & moid_Equipment & "/" & moid_Subrack & "/" & moid_Slot & "/" & moid_PlugInUnit & "/" & moid_GeneralProcessorUnit & "/" & moid_LoadControl or RXI_PIU_GeneralProcessorUnit_LoadControl.nedn_SubNetwork & "/" & moid_Equipment & "/" & moid_Subrack & "/" & moid_Slot & "/" & moid_PlugInUnit & "/" & moid_GeneralProcessorUnit & "/" & moid_LoadControl; RNC_Plug_In_Unit.nedn_SubNetwork & "/" & moid_Equipment & "/" & moid_Subrack & "/" & moid_Slot & "/" & moid_PlugInUnit or RXI_Plug_In_Unit.nedn_SubNetwork & "/" & moid_Equipment & "/" & moid_Subrack & "/" & moid_Slot & "/" & moid_PlugInUnit or NODEB_Plug_In_Unit.nedn_SubNetwork & "/" & nedn_MeContext & "/" & moid_Equipment & "/" & moid_Subrack & "/" & moid_Slot & "/" & moid_PlugInUnit or ME_Eqpt_Subrack_Slot_PlugInUnit_SpbDvGrp_CcDevice.nedn_SubNetwork & "/" & moid_Equipment & "/" &</p>	
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				mold_Subrack & "/" & mold_Slot & "/" & mold_PlugInUnit & "/" & mold_SpbDeviceGroup & "/" & mold_SpbDeviceSet & "/" & mold_CcDevice or ME_Eqpt_Subrack_Slot_PlugIn Unit_SpbDvGrp_DcDevice.ned n_SubNetwork & "/" & mold_Equipment & "/" & mold_Subrack & "/" & mold_Slot & "/" & mold_PlugInUnit & "/" & mold_SpbDeviceGroup & "/" & mold_SpbDeviceSet & "/" & mold_DcDevice or RNC_PIU_GeneralProcessorUni t_LoadControl.nedn_SubNetwor k & "/" & mold_Equipment & "/" & mold_Subrack & "/" & mold_Slot & "/" & mold_PlugInUnit & "/" & mold_GeneralProcessorUnit & "/" & mold_LoadControl or NODEB_PIU_GeneralProcessor Unit_LoadControl.nedn_SubNet work & "/" & nedn_MeContext & "/" & mold_Equipment & "/" & mold_Subrack & "/" & mold_Slot & "/" & mold_PlugInUnit & "/" & mold_GeneralProcessorUnit & "/" & mold_LoadControl or RXI_PIU_GeneralProcessorUnit _LoadControl.nedn_SubNetwor k & "/" & mold_Equipment & "/" & mold_Subrack & "/" & mold_Slot & "/" & mold_PlugInUnit & "/" & mold_GeneralProcessorUnit & "/" & mold_LoadControl	
Technology	Technology of the network/element (e.g. GSM, GPRS, UMTS).			RNC_Plug_In_Unit."UMTS" or RXI_Plug_In_Unit."UMTS" or NODEB_Plug_In_Unit."UMTS" or	

				<p>ME_Eqpt_Subrack_Slot_PlugIn Unit_SpbDvGrp_CcDevice."U MTS" or ME_Eqpt_Subrack_Slot_PlugIn Unit_SpbDvGrp_DcDevice."U MTS" or RNC_PIU_GeneralProcessorUni t_LoadControl."UMTS" or NODEB_PIU_GeneralProcessor Unit_LoadControl."UMTS" or RXI_PIU_GeneralProcessorUnit _LoadControl."UMTS"; RNC_Plug_In_Unit."UMTS" or RXI_Plug_In_Unit."UMTS" or NODEB_Plug_In_Unit."UMTS" or ME_Eqpt_Subrack_Slot_PlugIn Unit_SpbDvGrp_CcDevice."U MTS" or ME_Eqpt_Subrack_Slot_PlugIn Unit_SpbDvGrp_DcDevice."U MTS" or RNC_PIU_GeneralProcessorUni t_LoadControl."UMTS" or NODEB_PIU_GeneralProcessor Unit_LoadControl."UMTS" or RXI_PIU_GeneralProcessorUnit _LoadControl."UMTS"</p>
Version	Hardware/Software version of the Plug In Unit.			<p>RNC_Plug_In_Unit."P7.1" or RXI_Plug_In_Unit."P7.1" or NODEB_Plug_In_Unit."P7.1" or ME_Eqpt_Subrack_Slot_PlugIn Unit_SpbDvGrp_CcDevice."P7. 1" or ME_Eqpt_Subrack_Slot_PlugIn Unit_SpbDvGrp_DcDevice."P7. 1" or RNC_PIU_GeneralProcessorUni t_LoadControl."P7.1" or</p>

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				<p>NODEB_PIU_GeneralProcessorUnit_LoadControl."P7.1" or RXI_PIU_GeneralProcessorUnit_LoadControl."P7.1";</p> <p>RNC_Plug_In_Unit."P7.1" or RXI_Plug_In_Unit."P7.1" or NODEB_Plug_In_Unit."P7.1" or</p> <p>ME_Eqpt_Subrack_Slot_PlugInUnit_SpbDvGrp_CcDevice."P7.1" or</p> <p>ME_Eqpt_Subrack_Slot_PlugInUnit_SpbDvGrp_DcDevice."P7.1" or</p> <p>RNC_PIU_GeneralProcessorUnit_LoadControl."P7.1" or NODEB_PIU_GeneralProcessorUnit_LoadControl."P7.1" or RXI_PIU_GeneralProcessorUnit_LoadControl."P7.1"</p>
Node_Id	The unique identifier for the node this object is connected to.			No mapping; No mapping
Node_Type	The type of network element of the node this object is connected to.			<p>RNC_Plug_In_Unit."RNC" or NODEB_Plug_In_Unit."NodeB" or RXI_Plug_In_Unit."RXI"</p> <p>or</p> <p>ME_Eqpt_Subrack_Slot_PlugInUnit_SpbDvGrp_CcDevice."RNC" or</p> <p>ME_Eqpt_Subrack_Slot_PlugInUnit_SpbDvGrp_DcDevice."RNC" or</p> <p>RNC_PIU_GeneralProcessorUnit_LoadControl."RNC" or NODEB_PIU_GeneralProcessorUnit_LoadControl."NodeB" or RXI_PIU_GeneralProcessorUnit_LoadControl."RNC" ;</p> <p>RNC_Plug_In_Unit."RNC" or NODEB_Plug_In_Unit."NodeB" or RXI_Plug_In_Unit."RXI"</p> <p>or</p> <p>ME_Eqpt_Subrack_Slot_PlugInUnit_SpbDvGrp_CcDevice."RN</p>

				C" or ME_Eqpt_Subrack_Slot_PlugIn Unit_SpbDvGrp_DcDevice."RNC" C" or RNC_PIU_GeneralProcessorUnit _LoadControl."RNC" or NODEB_PIU_GeneralProcessor Unit_LoadControl."NodeB" or RXI_PIU_GeneralProcessorUnit _LoadControl."RNC"	
Node_Name	A user friendly name for this node the object is connected to.			No mapping; No mapping	

5.68 PositioningServiceClass details

In the network hierarchy, the immediate parent of the PositioningServiceClass object is RNC.

Attribute Name	Description	Read-Only?	Time-Track ed?	Mapping	Aggrega tor
Primary Identifier					
PositioningService Class_Id	The primary identifier of the PositioningServiceClass.	Y		ME_RNC_UePost_PositioningServiceClass.nedn_SubNetwork & "/" & moid_UePositioning & "/" & moid_PositioningServiceClass; ME_RNC_UePost_PositioningServiceClass.nedn_SubNetwork & "/" & moid_UePositioning & "/" & moid_PositioningServiceClass	
Relationship Attributes					
RNC_Id	RNC in a UTRAN	Y	Y	ME_RNC_UePost_Positioni	

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	network.			ngServiceClass.nedn_SubNetwork; ME_RNC_UePost_PositioningServiceClass.nedn_SubNetwork	
Network_Id	Network associated with the PositioningServiceClasses.	Y	Y	lookup("nc_bsc","network_id",utime(StartDate & StartTime,"%d %b %Y %R"), nedn_SubNetwork); lookup("nc_bsc","network_id",utime(StartDate & StartTime,"%d %b %Y %R"), nedn_SubNetwork)	
Region_Id	Region associated with the PositioningServiceClasses.	Y	Y	lookup("nc_bsc","region_id",utime(StartDate & StartTime,"%d %b %Y %R"), nedn_SubNetwork); lookup("nc_bsc","region_id",utime(StartDate & StartTime,"%d %b %Y %R"), nedn_SubNetwork)	
Configuration Attributes					
PositioningServiceClass_Name	The meaningful name of the PositioningServiceClasses			ME_RNC_UePost_PositioningServiceClass.nedn_SubNetwork & "/" & moid_UePositioning & "/" & moid_PositioningServiceClasses; ME_RNC_UePost_PositioningServiceClass.nedn_SubNetwork & "/" & moid_UePositioning & "/" & moid_PositioningServiceClasses	
Technology	Technology of the network/element (e.g. GSM, GPRS, UMTS).			"UMTS"; "UMTS"	
Version	Hardware/Software version of the PositioningServiceClasses.			"P7.1"; "P7.1"	

5.69 PVC details

In the network hierarchy, the immediate parent of the PVC object is RNC.

Attribute Name	Description	Read - Only ?	Time-Track ed?	Mapping	Aggrega tor
Primary Identifier					
PVC_Id	A unique identifier for the PVC.	Y		ME_RncFunction_RncModule_PacketDataRouter.nedn_SubNet work & "/" & moid_RncModule & "/" & moid_PacketDataRouter or ManagedElement_RncFunction_PdrDevice.nedn_SubNetwork & "/" & moid_Equipment & "/" & moid_Subrack & "/" & moid_Slot & "/" & moid_PlugInUnit & "/" & moid_SpbDeviceGroup & "/" & moid_SpbDeviceSet & "/" & moid_PdrDevice; ME_RncFunction_RncModule_PacketDataRouter.nedn_SubNet work & "/" & moid_RncModule & "/" & moid_PacketDataRouter or ManagedElement_RncFunction_PdrDevice.nedn_SubNetwork & "/" & moid_Equipment & "/" & moid_Subrack & "/" & moid_Slot & "/" & moid_PlugInUnit & "/" & moid_SpbDeviceGroup & "/" & moid_SpbDeviceSet & "/" & moid_PdrDevice	
Relationship Attributes					
Network_Id	A unique identifier for	Y	Y	lookup("nc_bsc","network_id",u	

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	the PVC.			<pre> time(StartDate & StartTime,"%d %b %Y %R"), ME_RncFunction_RncModule_ PacketDataRouter.nedn_SubNet work) or lookup("nc_bsc","network_id",u time(StartDate & StartTime,"%d %b %Y %R"), ManagedElement_RncFunction_ PdrDevice.nedn_SubNetwork); lookup("nc_bsc","network_id",u time(StartDate & StartTime,"%d %b %Y %R"), ME_RncFunction_RncModule_ PacketDataRouter.nedn_SubNet work) or lookup("nc_bsc","network_id",u time(StartDate & StartTime,"%d %b %Y %R"), ManagedElement_RncFunction_ PdrDevice.nedn_SubNetwork) </pre>
RNC_Id	A unique identifier for the RNC.	Y	Y	<pre> ME_RncFunction_RncModule_ PacketDataRouter.nedn_SubNet work or ManagedElement_RncFunction_ PdrDevice.nedn_SubNetwork; ME_RncFunction_RncModule_ PacketDataRouter.nedn_SubNet work or ManagedElement_RncFunction_ PdrDevice.nedn_SubNetwork </pre>
Region_Id	Region associated with the PVC.	Y	Y	<pre> lookup("nc_bsc","region_id",uti me(StartDate & StartTime,"%d %b %Y %R"), ME_RncFunction_RncModule_ PacketDataRouter.nedn_SubNet work) or lookup("nc_bsc","region_id",uti me(StartDate & StartTime,"%d %b %Y %R"), ManagedElement_RncFunction_ PdrDevice.nedn_SubNetwork); lookup("nc_bsc","region_id",uti me(StartDate & StartTime,"%d %b %Y %R"), </pre>

				ME_RncFunction_RncModule_PacketDataRouter.nedn_SubNetwork) or lookup("nc_bsc","region_id",utime(StartDate & StartTime,"%d %b %Y %R"), ManagedElement_RncFunction_PdrDevice.nedn_SubNetwork)
Configuration Attributes				
PVC_Name	A user friendly name preferably unique for the PVC.			ME_RncFunction_RncModule_PacketDataRouter.nedn_SubNetwork & "/" & moid_RncModule & "/" & moid_PacketDataRouter or ManagedElement_RncFunction_PdrDevice.nedn_SubNetwork & "/" & moid_Equipment & "/" & moid_Subrack & "/" & moid_Slot & "/" & moid_PlugInUnit & "/" & moid_SpbDeviceGroup & "/" & moid_SpbDeviceSet & "/" & moid_PdrDevice; ME_RncFunction_RncModule_PacketDataRouter.nedn_SubNetwork & "/" & moid_RncModule & "/" & moid_PacketDataRouter or ManagedElement_RncFunction_PdrDevice.nedn_SubNetwork & "/" & moid_Equipment & "/" & moid_Subrack & "/" & moid_Slot & "/" & moid_PlugInUnit & "/" & moid_SpbDeviceGroup & "/" & moid_SpbDeviceSet & "/" & moid_PdrDevice
Node_Id	A unique identifier for the Node.			No mapping; No mapping

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Node_Name	A user friendly name preferably unique for the Node.			No mapping; No mapping	
Node_Type	Type of Node (connected to the PVC).			ME_RncFunction_RncModule_PacketDataRouter."RNC" or ManagedElement_RncFunction_PdrDevice."RNC"; ME_RncFunction_RncModule_PacketDataRouter."RNC" or ManagedElement_RncFunction_PdrDevice."RNC"	
PVC_Type	Type of PVC.			No mapping; No mapping	
PVC_Version	Hardware/Software version of the PVC.			ME_RncFunction_RncModule_PacketDataRouter."P7.1" or ManagedElement_RncFunction_PdrDevice."P7.1"; ME_RncFunction_RncModule_PacketDataRouter."P7.1" or ManagedElement_RncFunction_PdrDevice."P7.1"	
Technology	Technology of the network/element (e.g. GSM, GPRS, UMTS).			ME_RncFunction_RncModule_PacketDataRouter."UMTS" or ManagedElement_RncFunction_PdrDevice."UMTS"; ME_RncFunction_RncModule_PacketDataRouter."UMTS" or ManagedElement_RncFunction_PdrDevice."UMTS"	

5.70 Radio_Link details

In the network hierarchy, the immediate parent of the Radio_Link object is NodeB.

Attribute Name	Description	Read - Only ?	Time-Track ed?	Mapping	Aggrega tor
Primary Identifier					
Radio_Link_I d	A unique identifier for the Radio Link.	Y		ME_NodeBFunction_Carrier_R adioLinks.nedn_SubNetwork & "/" & nedn_MeContext & "/" & moid_Sector & "/" &	

				moid_Carrier & "/" & moid_RadioLinks; ME_NodeBFunction_Carrier_R adioLinks.nedn_SubNetwork & "/" & nedn_MeContext & "/" & moid_Sector & "/" & moid_Carrier & "/" & moid_RadioLinks	
Relationship Attributes					
NodeB_Id	A unique identifier for the NodeB.	Y	Y	ME_NodeBFunction_Carrier_R adioLinks.nedn_SubNetwork & "/" & nedn_MeContext; ME_NodeBFunction_Carrier_R adioLinks.nedn_SubNetwork & "/" & nedn_MeContext	
RNC_Id	A unique identifier for the RNC.	Y	Y	ME_NodeBFunction_Carrier_R adioLinks.nedn_SubNetwork; ME_NodeBFunction_Carrier_R adioLinks.nedn_SubNetwork	
Network_Id	Identifier of the Network/PLMN.	Y	Y	lookup("nc_bsc","network_id", utime(StartDate & StartTime,"%d %b %Y %R"), nedn_SubNetwork); lookup("nc_bsc","network_id", utime(StartDate & StartTime,"%d %b %Y %R"), nedn_SubNetwork)	
Region_Id	Identifier of the Region.	Y	Y	lookup("nc_bsc","region_id",uti me(StartDate & StartTime,"%d %b %Y %R"), nedn_SubNetwork); lookup("nc_bsc","region_id",uti me(StartDate & StartTime,"%d %b %Y %R"), nedn_SubNetwork)	
Configuration Attributes					

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Radio_Link_Name	A user friendly name preferably unique for the Radio Link.			ME_NodeBFunction_Carrier_RadioLinks.nedn_SubNetwork & "/" & nedn_MeContext & "/" & moid_Sector & "/" & moid_Carrier & "/" & moid_RadioLinks; ME_NodeBFunction_Carrier_RadioLinks.nedn_SubNetwork & "/" & nedn_MeContext & "/" & moid_Sector & "/" & moid_Carrier & "/" & moid_RadioLinks	
Radio_Link_Version	Hardware/Software version of the Radio Link.			"P7.1"; "P7.1"	
Technology	Technology of the network/element (e.g. GSM, GPRS, UMTS).			"UMTS"; "UMTS"	

5.71 RANAP details

In the network hierarchy, the immediate parent of the RANAP object is RNC.

Attribute Name	Description	Read - Only ?	Time-Track ed?	Mapping	Aggrega tor
Primary Identifier					
RANAP_Id	A unique identifier for the RANAP.	Y		ManagedElement_RncFunction_CnOperator_IuLink_Ranap.nedn_SubNetwork & "/" & moid_CnOperator & "/" & moid_IuLink & "/" & moid_Ranap; ManagedElement_RncFunction_CnOperator_IuLink_Ranap.nedn_SubNetwork & "/" & moid_CnOperator & "/" & moid_IuLink & "/" & moid_Ranap	
Relationship Attributes					
RNC_Id	A unique identifier for	Y	Y	ManagedElement_RncFunction	

	the RNC.			_CnOperator_IuLink_Ranap.nedn_SubNetwork; ManagedElement_RncFunction_CnOperator_IuLink_Ranap.nedn_SubNetwork	
Region_Id	Region of the RANAP / RNC.	Y	Y	lookup("nc_bsc","region_id",utime(ManagedElement_RncFunction_CnOperator_IuLink_Ranap.StartDate & StartTime,"%d %b %Y %R"), nedn_SubNetwork); lookup("nc_bsc","region_id",utime(ManagedElement_RncFunction_CnOperator_IuLink_Ranap.StartDate & StartTime,"%d %b %Y %R"), nedn_SubNetwork)	
Network_Id	Identifier of the Network / PLMN.	Y	Y	lookup("nc_bsc","network_id",utime(ManagedElement_RncFunction_CnOperator_IuLink_Ranap.StartDate & StartTime,"%d %b %Y %R"), nedn_SubNetwork); lookup("nc_bsc","network_id",utime(ManagedElement_RncFunction_CnOperator_IuLink_Ranap.StartDate & StartTime,"%d %b %Y %R"), nedn_SubNetwork)	
Configuration Attributes					
RANAP_Name	A user friendly name preferably unique for the RANAP object.			ManagedElement_RncFunction_CnOperator_IuLink_Ranap.nedn_SubNetwork & "/" & moid_CnOperator & "/" & moid_IuLink & "/" & moid_Ranap; ManagedElement_RncFunction_CnOperator_IuLink_Ranap.nedn_SubNetwork & "/" & moid_CnOperator & "/" &	

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				moid_IuLink & "/" & moid_Ranap	
Version	Hardware/Software version of the object supporting RANAP.			"P7.1"; "P7.1"	
Technology	Technology of the network/element (e.g. GSM, GPRS, UMTS).			"UMTS"; "UMTS"	

5.72 Region details

In the network hierarchy, the immediate parent of the Region object is Network.

Attribute Name	Description	Read - Only ?	Time-Track ed?	Mapping	Aggrega tor
Primary Identifier					
Region_Id	Region associated with the network object.	Y		ManagedElement_RncFunction. REGION_ID; ManagedElement_RncFunction. REGION_ID; "Populated by customer"	
Relationship Attributes					
Network_Id	Network associated with the Region.	Y	Y	ManagedElement_RncFunction. NETWORK_ID; ManagedElement_RncFunction. NETWORK_ID; "Populated by customer"	
Configuration Attributes					
Region_Nam e	A user friendly name preferably unique for the Region.			"Populated by customer"; "Populated by customer"; "Populated by customer"	

5.73 RNC_RAB details

In the network hierarchy, the immediate parents of the RNC_RAB object are: RNC and Region.

This object is used for Data Availability tracking

Attribute Name	Description	Read - Only ?	Time-Track ed?	Mapping	Aggrega tor
Primary Identifier					
BSC_RAB_Id	A unique identifier for the RNC/BSC RAB.	Y		ManagedElement_RncFunction_UeRc.nedn_SubNetwork & "/" & moid_UeRc; ManagedElement_RncFunction_UeRc.nedn_SubNetwork & "/" & moid_UeRc	
Relationship Attributes					
RAB_Type_Id	A unique identifier for the RAB Type.	Y	Y	ManagedElement_RncFunction_UeRc.moid_UeRc; ManagedElement_RncFunction_UeRc.moid_UeRc	
RNC_Id	A unique identifier for the RNC.	Y	Y	ManagedElement_RncFunction_UeRc.nedn_SubNetwork; ManagedElement_RncFunction_UeRc.nedn_SubNetwork	
Network_Id	Identifier of the Network / PLMN.	Y	Y	lookup("nc_bsc","network_id",u time(StartDate & StartTime,"%d %b %Y %R"), nedn_SubNetwork); lookup("nc_bsc","network_id",u time(StartDate & StartTime,"%d %b %Y %R"), nedn_SubNetwork)	
Region_Id	Region of the RNC.	Y	Y	lookup("nc_bsc","region_id",u time(StartDate & StartTime,"%d %b %Y %R"), nedn_SubNetwork); lookup("nc_bsc","region_id",u time(StartDate & StartTime,"%d %b %Y %R"), nedn_SubNetwork)	

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Configuration Attributes					
BSC_RAB_Name	A user friendly name preferably unique for the RNC/BSC RAB.			ManagedElement_RncFunction_UeRc.nedn_SubNetwork & "/" & moid_UeRc; ManagedElement_RncFunction_UeRc.nedn_SubNetwork & "/" & moid_UeRc	
RNC_RAB_Version	Hardware/Software version of the RNC/BSC RAB.			"P7.1"; "P7.1"	
Technology	Technology of the network/element (e.g. GSM, GPRS, UMTS).			"UMTS"; "UMTS"	

5.74 RncCapacity details

In the network hierarchy, the immediate parent of the RncCapacity object is RNC.

Attribute Name	Description	Read - Only ?	Time-Track ed?	Mapping	Aggrega tor
Primary Identifier					
RncCapacity_Id	Unique identifier for the RncCapacity	Y		ManagedElement_RncCapacity.nedn_SubNetwork&"/"& moid_SystemFunctions &"/" & moid_Licensing &"/"&moid_RncCapacity; ManagedElement_RncCapacity.nedn_SubNetwork&"/"& moid_SystemFunctions &"/" & moid_Licensing &"/"&moid_RncCapacity	
Relationship Attributes					
Network_Id	Network associated with the RncCapacity	Y	Y	lookup("nc_bsc","network_id", utime(StartDate & StartTime,"%d %b %Y %R"), nedn_SubNetwork); lookup("nc_bsc","network_id", utime(StartDate & StartTime,"%d %b %Y %R"),	

				nedn_SubNetwork)	
Region_Id	Region associated with the RncCapacity	Y	Y	lookup("nc_bsc","region_id",utime(StartDate & StartTime,"%d %b %Y %R"), nedn_SubNetwork); lookup("nc_bsc","region_id",utime(StartDate & StartTime,"%d %b %Y %R"), nedn_SubNetwork)	
RNC_Id	RNC identifier associated with this RncCapacity	Y	Y	ManagedElement_RncCapacity.nedn_SubNetwork; ManagedElement_RncCapacity.nedn_SubNetwork	
Configuration Attributes					
RncCapacity_name	A user friendly name preferably unique for the RncCapacity			ManagedElement_RncCapacity.nedn_SubNetwork&"/"&moid_SystemFunctions &"/" &moid_Licensing &"/"&moid_RncCapacity; ManagedElement_RncCapacity.nedn_SubNetwork&"/"&moid_SystemFunctions &"/" &moid_Licensing &"/"&moid_RncCapacity	
Version	Hardward/software version of the RncCapacity object			"P7.1"; "P7.1"	
Technology	Technology of the network/element			"UMTS"; "UMTS"	

5.75 RNC details

In the network hierarchy, the immediate parent of the RNC object is SGSN.

This object is used for Data Availability tracking

Attribute	Description	Read	Time-	Mapping	Aggrega
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Name		- Only ?	Track ed?		tor
Primary Identifier					
RNC_Id	A unique identifier for the RNC.	Y		ManagedElement_RncFunction. nedn_SubNetwork; ManagedElement_RncFunction. nedn_SubNetwork; UtranCell.utranCellIubLink_Me Context	
Relationship Attributes					
MSC_Id	The MSC to which this RNC is connected.	Y	Y	No mapping; No mapping; "Populated by customer"	
Network_Id	Network associated with the RNC.	Y	Y	ManagedElement_RncFunction. NETWORK_ID; ManagedElement_RncFunction. NETWORK_ID; lookup("nc_bsc","network_id",n ow(),utranCellIubLink_MeConte xt)	
Region_Id	Region associated with the RNC.	Y	Y	ManagedElement_RncFunction. REGION_ID; ManagedElement_RncFunction. REGION_ID; lookup("nc_bsc","region_id",no w(),utranCellIubLink_MeContex t)	
SGSN_Id	A unique identifier for the SGSN.	Y	Y	"Populated by customer"; "Populated by customer"; "Populated by customer"	
Configuration Attributes					
RNC_Name	A user friendly name preferably unique for the RNC.			ManagedElement_RncFunction. nedn_SubNetwork; ManagedElement_RncFunction. nedn_SubNetwork; UtranCell.utranCellIubLink_Me Context	
RNC_Version	Hardware/Software version of the RNC.			"P7.1"; "P7.1"; "P7.1"	

Technology	Technology of the network/element (e.g. GSM, GPRS, UMTS).			"UMTS"; "UMTS"; "UMTS"	
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5.76 Routing_Area details

In the network hierarchy, the immediate parents of the Routing_Area object are: LAC and SGSN.

Attribute Name	Description	Read - Only ?	Time-Track ed?	Mapping	Aggrega tor
Primary Identifier					
Routing_Area_Id	A unique identifier for the Routing_Area.	Y		ME_RncFunction_LocationArea_RoutingArea.nedn_SubNetwork & "/" & moid_RncFunction & "/" & moid_LocationArea & "/" & moid_RoutingArea; ME_RncFunction_LocationArea_RoutingArea.nedn_SubNetwork & "/" & moid_RncFunction & "/" & moid_LocationArea & "/" & moid_RoutingArea	
Relationship Attributes					
LAC_Id	A unique identifier for the LAC.	Y	Y	ME_RncFunction_LocationArea_RoutingArea.nedn_SubNetwork & "/" & moid_RncFunction & "/" & moid_LocationArea; ME_RncFunction_LocationArea_RoutingArea.nedn_SubNetwork & "/" & moid_RncFunction & "/" & moid_LocationArea	
Network_Id	Network associated with the Routing_Area.	Y	Y	lookup("nc_bsc","network_id",u time(StartDate & StartTime,"%d %b %Y %R"), nedn_SubNetwork);	

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				lookup("nc_bsc","network_id",utime(StartDate & StartTime,"%d %b %Y %R"),nedn_SubNetwork)	
Region_Id	Region associated with the Routing_Area.	Y	Y	lookup("nc_bsc","region_id",utime(StartDate & StartTime,"%d %b %Y %R"),nedn_SubNetwork); lookup("nc_bsc","region_id",utime(StartDate & StartTime,"%d %b %Y %R"),nedn_SubNetwork)	
SGSN_Id	A unique identifier for the SGSN.	Y	Y	lookup("nc_bsc","sgsn_id",utime(StartDate & StartTime,"%d %b %Y %R"),nedn_SubNetwork); lookup("nc_bsc","sgsn_id",utime(StartDate & StartTime,"%d %b %Y %R"),nedn_SubNetwork)	
Configuration Attributes					
Routing_Area_Name	A user friendly name preferably unique for the Routing_Area.			ME_RncFunction_LocationArea_RoutingArea.nedn_SubNetwork & "/" & moid_RncFunction & "/" & moid_LocationArea & "/" & moid_RoutingArea; ME_RncFunction_LocationArea_RoutingArea.nedn_SubNetwork & "/" & moid_RncFunction & "/" & moid_LocationArea & "/" & moid_RoutingArea	
SGSN_Unit_Id	A unique identifier for the SGSN Unit.			No mapping; No mapping	

5.77 SasPositioning details

In the network hierarchy, the immediate parent of the SasPositioning object is RNC.

Attribute Name	Description	Read - Only ?	Time-Track ed?	Mapping	Aggrega tor
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Primary Identifier					
SasPositioning_Id	Unique identifier for the SasPositioning object.	Y		ME_RncFunction_SasPositioning.nedn_SubNetwork&"/&moid_saspositioning; ME_RncFunction_SasPositioning.nedn_SubNetwork&"/&moid_saspositioning	
Relationship Attributes					
Network_Id	Network associated with the SasPositioning object.	Y	Y	lookup("nc_bsc","network_id", utime(StartDate & StartTime,"%d %b %Y %R"), nedn_SubNetwork); lookup("nc_bsc","network_id", utime(StartDate & StartTime,"%d %b %Y %R"), nedn_SubNetwork)	
Region_Id	Region associated with the Sas Positioning object.	Y	Y	lookup("nc_bsc","region_id", utime(StartDate & StartTime,"%d %b %Y %R"), nedn_SubNetwork); lookup("nc_bsc","region_id", utime(StartDate & StartTime,"%d %b %Y %R"), nedn_SubNetwork)	
RNC_Id	RNC associated with the SasPositioning object.	Y	Y	ME_RncFunction_SasPositioning.nedn_SubNetwork; ME_RncFunction_SasPositioning.nedn_SubNetwork	
Configuration Attributes					
SasPositioning_Name	A user-friendly name preferably unique for the SasPositioning object.			ME_RncFunction_SasPositioning.nedn_SubNetwork&"/&moid_saspositioning; ME_RncFunction_SasPositioning.nedn_SubNetwork&"/&moid_saspositioning	
Version	Version associated with			"P7.1"; "P7.1"	

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	the SasPositioning object.				
Technology	Technology associated with the SasPositioning object.			"UMTS"; "UMTS"	

5.78 SCCP_Acct_Criteria details

In the network hierarchy, the immediate parent of the SCCP_Acct_Criteria object is SCCP_SCRC.

Attribute Name	Description	Read - Only ?	Time-Track ed?	Mapping	Aggrega tor
Primary Identifier					
SCCP_Accou nting_Criteria _Id	A unique identifier for the SCCP Accounting functionality in a UTRAN network.	Y		RNC_Signaling_Connection_Ct rl_Acc_Criteria.nedn_SubNetwo rk & "/" & moid_SccpSp & "/" & moid_SccpSrc & "/" & moid_SccpAccountingCriteria; RNC_Signaling_Connection_Ct rl_Acc_Criteria.nedn_SubNetwo rk & "/" & moid_SccpSp & "/" & moid_SccpSrc & "/" & moid_SccpAccountingCriteria	
Relationship Attributes					
RNC_Id	RNC in a UTRAN network.	Y	Y	RNC_Signaling_Connection_Ct rl_Acc_Criteria.nedn_SubNetwo rk; RNC_Signaling_Connection_Ct rl_Acc_Criteria.nedn_SubNetwo rk	
SCCP_SCRC _Id	SCCP Routing Control.	Y	Y	RNC_Signaling_Connection_Ct rl_Acc_Criteria.nedn_SubNetwo rk & "/" & moid_SccpSp & "/" & moid_SccpSrc; RNC_Signaling_Connection_Ct rl_Acc_Criteria.nedn_SubNetwo rk & "/" & moid_SccpSp & "/" & moid_SccpSrc	
Network_Id	Network associated with	Y	Y	lookup("nc_bsc","network_id",u	

	the SCCP Accounting Criteria.			time(StartDate & StartTime,"%d %b %Y %R"), nedn_SubNetwork); lookup("nc_bsc","network_id",u time(StartDate & StartTime,"%d %b %Y %R"), nedn_SubNetwork)	
SCCP_SP_Id	SCCP Signalling Point.	Y	Y	RNC_Signaling_Connection_Ct rl_Acc_Criteria.nedn_SubNetwo rk & "/" & moid_SccpSp; RNC_Signaling_Connection_Ct rl_Acc_Criteria.nedn_SubNetwo rk & "/" & moid_SccpSp	
Region_Id	Region associated with the SCCP Accounting Criteria object.	Y	Y	lookup("nc_bsc","region_id",uti me(StartDate & StartTime,"%d %b %Y %R"), nedn_SubNetwork); lookup("nc_bsc","region_id",uti me(StartDate & StartTime,"%d %b %Y %R"), nedn_SubNetwork)	
Configuration Attributes					
SCCP_Accou nting_Criteria _Name	A user friendly name preferably unique for the SCCP Accounting.			RNC_Signaling_Connection_Ct rl_Acc_Criteria.nedn_SubNetwo rk & "/" & moid_SccpSp & "/" & moid_SccpSrc & "/" & moid_SccpAccountingCriteria; RNC_Signaling_Connection_Ct rl_Acc_Criteria.nedn_SubNetwo rk & "/" & moid_SccpSp & "/" & moid_SccpSrc & "/" & moid_SccpAccountingCriteria	
Technology	Technology of the network/element (e.g. GSM, GPRS, UMTS).			"UMTS"; "UMTS"	
Version	Hardware/Software version of the SCCP			"P7.1"; "P7.1"	

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	Accounting Criteria.				
Node_Id	The unique identifier for the node this object is connected to.			No mapping; No mapping	
Node_Type	The type of network element of the node this object is connected to.			RNC_Signaling_Connection_Ctrl_Acc_Criteria."RNC"; RNC_Signaling_Connection_Ctrl_Acc_Criteria."RNC"	
Node_Name	A user friendly name for this node the object is connected to.			No mapping; No mapping	

5.79 SCCP_Policing details

In the network hierarchy, the immediate parent of the SCCP_Policing object is SCCP_SCRG.

Attribute Name	Description	Read - Only ?	Time-Track ed?	Mapping	Aggrega tor
Primary Identifier					
SCCP_Policin g_Id	A unique identifier for the SCCP signalling link in a UTRAN network.	Y		RNC_Signaling_Connection_C ontrol_Policing.nedn_SubNetw ork & "/" & moid_ScspSp & "/" & moid_ScspScrc & "/" & moid_ScspPolicing; RNC_Signaling_Connection_C ontrol_Policing.nedn_SubNetw ork & "/" & moid_ScspSp & "/" & moid_ScspScrc & "/" & moid_ScspPolicing	
Relationship Attributes					
RNC_Id	RNC in a UTRAN network.	Y	Y	RNC_Signaling_Connection_C ontrol_Policing.nedn_SubNetw ork; RNC_Signaling_Connection_C ontrol_Policing.nedn_SubNetw ork	
Scsp_Scrg_Id	SCCP routing control.	Y	Y	RNC_Signaling_Connection_C ontrol_Policing.nedn_SubNetw	

				ork & "/" & moid_SccpSp & "/" & moid_SccpSrc; RNC_Signaling_Connection_Control_Policing.nedn_SubNetwork & "/" & moid_SccpSp & "/" & moid_SccpSrc
Network_Id	Network associated with the SCCP Policing.	Y	Y	lookup("nc_bsc","network_id",utime(StartDate & StartTime,"%d %b %Y %R"),nedn_SubNetwork); lookup("nc_bsc","network_id",utime(StartDate & StartTime,"%d %b %Y %R"),nedn_SubNetwork)
SCCP_SP_Id	SCCP Signalling Point.	Y	Y	RNC_Signaling_Connection_Control_Policing.nedn_SubNetwork & "/" & moid_SccpSp; RNC_Signaling_Connection_Control_Policing.nedn_SubNetwork & "/" & moid_SccpSp
Region_Id	Region associated with the SCCP Policing object.	Y	Y	lookup("nc_bsc","region_id",utime(StartDate & StartTime,"%d %b %Y %R"),nedn_SubNetwork); lookup("nc_bsc","region_id",utime(StartDate & StartTime,"%d %b %Y %R"),nedn_SubNetwork)
Configuration Attributes				
SCCP_Policing_Name	A user friendly name preferably unique for the SCCP Policing.			RNC_Signaling_Connection_Control_Policing.nedn_SubNetwork & "/" & moid_SccpSp & "/" & moid_SccpSrc & "/" & moid_SccpPolicing; RNC_Signaling_Connection_Control_Policing.nedn_SubNetwork & "/" & moid_SccpSp & "/" & moid_SccpSrc & "/" &

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				moid_SccpPolicing	
Technology	Technology of the network/element (e.g. GSM, GPRS, UMTS).			"UMTS"; "UMTS"	
Version	Hardware/Software version of the SCCP Policing.			"P7.1"; "P7.1"	
Node_Id	The unique identifier for the node this object is connected to.			No mapping; No mapping	
Node_Name	A user friendly name for this node the object is connected to.			No mapping; No mapping	
Node_Type	The type of network element of the node this object is connected to.			RNC_Signaling_Connection_Control_Policing."RNC"; RNC_Signaling_Connection_Control_Policing."RNC"	

5.80 SCCP_SCRC details

In the network hierarchy, the immediate parent of the SCCP_SCRC object is SCCP_SP.

Attribute Name	Description	Read - Only ?	Time-Track ed?	Mapping	Aggrega tor
Primary Identifier					
SCCP_SCRC_Id	A unique identifier for the SCCP signalling link in a UTRAN network.	Y		RNC_Signaling_Connection_Control.nedn_SubNetwork & "/" & moid_SccpSp & "/" & moid_SccpScrc; RNC_Signaling_Connection_Control.nedn_SubNetwork & "/" & moid_SccpSp & "/" & moid_SccpScrc	
Relationship Attributes					
Network_Id	Network associated with the SCCP SCRC.	Y	Y	lookup("nc_bsc","network_id", utime(StartDate & StartTime,"%d %b %Y %R"), nedn_SubNetwork);	

				lookup("nc_bsc","network_id", utime(StartDate & StartTime,"%d %b %Y %R"), nedn_SubNetwork)	
RNC_Id	RNC in a UTRAN network.	Y	Y	RNC_Signaling_Connection_C ontrol.nedn_SubNetwork; RNC_Signaling_Connection_C ontrol.nedn_SubNetwork	
SCCP_SP_Id	SCCP Signaling Point.	Y	Y	RNC_Signaling_Connection_C ontrol.nedn_SubNetwork & "/" & moid_SccpSp; RNC_Signaling_Connection_C ontrol.nedn_SubNetwork & "/" & moid_SccpSp	
Region_Id	Region associated with the SCCP SCRC.	Y	Y	lookup("nc_bsc","region_id",uti me(StartDate & StartTime,"%d %b %Y %R"), nedn_SubNetwork); lookup("nc_bsc","region_id",uti me(StartDate & StartTime,"%d %b %Y %R"), nedn_SubNetwork)	
Configuration Attributes					
SCCP_SCRC _Name	A user friendly name preferably unique for SCCP SCRC.			RNC_Signaling_Connection_C ontrol.nedn_SubNetwork & "/" & moid_SccpSp & "/" & moid_SccpScrc; RNC_Signaling_Connection_C ontrol.nedn_SubNetwork & "/" & moid_SccpSp & "/" & moid_SccpScrc	
Technology	Technology of the network/element (e.g. GSM, GPRS, UMTS).			"UMTS"; "UMTS"	
Version	Hardware/Software version of the SCCP			"P7.1"; "P7.1"	

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	SCRC.				
Node_Id	The unique identifier for the node this object is connected to.			No mapping; No mapping	
Node_Type	The type of network element of the node this object is connected to.			RNC_Signaling_Connection_Control."RNC"; RNC_Signaling_Connection_Control."RNC"	
Node_Name	A user friendly name for this node the object is connected to.			No mapping; No mapping	

5.81 SCCP_SP details

In the network hierarchy, the immediate parent of the SCCP_SP object is RNC.

Attribute Name	Description	Read - Only ?	Time-Track ed?	Mapping	Aggrega tor
Primary Identifier					
SCCP_SP_Id	A unique identifier for the SCCP signalling link in a UTRAN network.	Y		RNC_Signaling_Connection_Control_ScpSp.nedn_SubNetwork & "/" & moid_ScpSp; RNC_Signaling_Connection_Control_ScpSp.nedn_SubNetwork & "/" & moid_ScpSp	
Relationship Attributes					
RNC_Id	RNC in a UTRAN network.	Y	Y	RNC_Signaling_Connection_Control_ScpSp.nedn_SubNetwork; RNC_Signaling_Connection_Control_ScpSp.nedn_SubNetwork	
Network_Id	Network associated with the SCCP SP.	Y	Y	lookup("nc_bsc","network_id", utime(StartDate & StartTime,"%d %b %Y %R"), nedn_SubNetwork); lookup("nc_bsc","network_id", utime(StartDate &	

				StartTime,"%d %b %Y %R"), nedn_SubNetwork)	
Region_Id	Region associated with the SCCP SP.	Y	Y	lookup("nc_bsc","region_id", time(StartDate & StartTime,"%d %b %Y %R"), nedn_SubNetwork); lookup("nc_bsc","region_id", time(StartDate & StartTime,"%d %b %Y %R"), nedn_SubNetwork)	
Configuration Attributes					
SCCP_SP_Name	A user friendly name preferably unique for the SCCP SP.			RNC_Signaling_Connection_C ontrol_SccpSp.nedn_SubNetwo rk & "/" & moid_SccpSp; RNC_Signaling_Connection_C ontrol_SccpSp.nedn_SubNetwo rk & "/" & moid_SccpSp	
Technology	Technology of the network/element (e.g. GSM, GPRS, UMTS).			"UMTS"; "UMTS"	
Version	Hardware/Software version of the SCCP SP.			"P7.1"; "P7.1"	
Node_Id	The unique identifier for the node this object is connected to.			No mapping; No mapping	
Node_Type	The type of network element of the node this object is connected to.			RNC_Signaling_Connection_C ontrol_SccpSp."RNC"; RNC_Signaling_Connection_C ontrol_SccpSp."RNC"	
Node_Name	A user friendly name for this node the object is connected to.			No mapping; No mapping	

5.82 SCTP details

In the network hierarchy, the immediate parents of the Sctp object are: Region and RNC.

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Attribute Name	Description	Read - Only ?	Time-Track ed?	Mapping	Aggrega tor
Primary Identifier					
SCTP_Id	Unique identifier for the SCTP.	Y		RNC_SCTP.nedn_SubNetwork & "/" & moid_Sctp or NODEB_SCTP.nedn_SubNetwork & "/" & nedn_MeContext & "/" & moid_Sctp; RNC_SCTP.nedn_SubNetwork & "/" & moid_Sctp or NODEB_SCTP.nedn_SubNetwork & "/" & nedn_MeContext & "/" & moid_Sctp	
Relationship Attributes					
MSC_Id	MSC ID	Y	Y	No mapping; No mapping	
Region_Id	Region associated with the SCTP.	Y	Y	lookup("nc_bsc","region_id",utime(StartDate & StartTime,"%d %b %Y %R"), RNC_SCTP.nedn_SubNetwork) or lookup("nc_bsc","region_id",utime(StartDate & StartTime,"%d %b %Y %R"), NODEB_SCTP.nedn_SubNetwork); lookup("nc_bsc","region_id",utime(StartDate & StartTime,"%d %b %Y %R"), RNC_SCTP.nedn_SubNetwork) or lookup("nc_bsc","region_id",utime(StartDate & StartTime,"%d %b %Y %R"), NODEB_SCTP.nedn_SubNetwork)	
Network_Id	Network associated with the SCTP.	Y	Y	lookup("nc_bsc","network_id", utime(StartDate & StartTime,"%d %b %Y %R"), RNC_SCTP.nedn_SubNetwork	

) or lookup("nc_bsc","network_id", utime(StartDate & StartTime,"%d %b %Y %R"), NODEB_SCTP.nedn_SubNetw ork); lookup("nc_bsc","network_id", utime(StartDate & StartTime,"%d %b %Y %R"), RNC_SCTP.nedn_SubNetwork) or lookup("nc_bsc","network_id", utime(StartDate & StartTime,"%d %b %Y %R"), NODEB_SCTP.nedn_SubNetw ork)	
RNC_Id	RNC in a UTRAN network.	Y	Y	RNC_SCTP.nedn_SubNetwork or NODEB_SCTP.nedn_SubNetw ork; RNC_SCTP.nedn_SubNetwork or NODEB_SCTP.nedn_SubNetw ork	
NodeB_Id	NodeB in a UTRAN network.	Y	Y	NODEB_SCTP.nedn_SubNetw ork & "/" & nedn_MeContext; NODEB_SCTP.nedn_SubNetw ork & "/" & nedn_MeContext	
Configuration Attributes					
SCTP_Name	A user friendly name preferably unique for SCTP.			RNC_SCTP.nedn_SubNetwork & "/" & moid_Sctp or NODEB_SCTP.nedn_SubNetw ork & "/" & nedn_MeContext & "/" & moid_Sctp; RNC_SCTP.nedn_SubNetwork & "/" & moid_Sctp or NODEB_SCTP.nedn_SubNetw ork & "/" & nedn_MeContext &	

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				"/" & moid_Sctp	
Node_Type	The type of network element of the node this object is connected to.			RNC_SCTP."RNC" or NODEB_SCTP."NodeB"; RNC_SCTP."RNC" or NODEB_SCTP."NodeB"	
Node_Id	The unique identifier for the node this object is connected to.			No mapping; No mapping	
Node_Name	A user friendly name for this node the object is connected to.			No mapping; No mapping	
Version	Hardware/Software version of the equipment supporting the SCTP.			RNC_SCTP."P7.1" or NODEB_SCTP."P7.1"; RNC_SCTP."P7.1" or NODEB_SCTP."P7.1"	
Technology	Technology of the network/element (e.g. GSM, GPRS, UMTS).			RNC_SCTP."UMTS" or NODEB_SCTP."UMTS"; RNC_SCTP."UMTS" or NODEB_SCTP."UMTS"	

5.83 SONET_STS1 details

In the network hierarchy, the immediate parent of the SONET_STS1 object is OS155_Phys_Path_Term.

Attribute Name	Description	Read - Only ?	Time-Track ed?	Mapping	Aggrega tor
Primary Identifier					
SONET_STS1_Id	A unique identifier for the SONET STS1 higher order path.	Y		RNC_STS1_TP.nedn_SubNetwork & "/" & moid_Equipment & "/" & moid_Subrack & "/" & moid_Slot & "/" & moid_PlugInUnit & "/" & moid_ExchangeTerminal & "/" & moid_Os155PhysPathTerm & "/" & moid_Sts1SpeTtp Or NODEB_STS1_TP.nedn_SubNetwork & "/" & nedn_MeContext & "/" & moid_Equipment & "/" &	

			<p>moid_Subrack & "/" & moid_Slot & "/" & moid_PlugInUnit & "/" & moid_ExchangeTerminal & "/" & & moid_Os155PhysPathTerm & "/" & moid_Sts1SpeTtp or RXI_STS1_TP.nedn_SubNetwo rk & "/" & nedn_MeContext & "/" & moid_Equipment & "/" & moid_Subrack & "/" & moid_Slot & "/" & moid_PlugInUnit & "/" & moid_ExchangeTerminal & "/" & & moid_Os155PhysPathTerm & "/" & moid_Sts1SpeTtp; RNC_STS1_TP.nedn_SubNetw ork & "/" & moid_Equipment & "/" & moid_Subrack & "/" & moid_Slot & "/" & moid_PlugInUnit & "/" & moid_ExchangeTerminal & "/" & & moid_Os155PhysPathTerm & "/" & moid_Sts1SpeTtp Or NODEB_STS1_TP.nedn_SubN etwork & "/" & nedn_MeContext & "/" & moid_Equipment & "/" & moid_Subrack & "/" & moid_Slot & "/" & moid_PlugInUnit & "/" & moid_ExchangeTerminal & "/" & & moid_Os155PhysPathTerm & "/" & moid_Sts1SpeTtp or RXI_STS1_TP.nedn_SubNetwo rk & "/" & nedn_MeContext & "/" & moid_Equipment & "/" & moid_Subrack & "/" & moid_Slot & "/" & moid_PlugInUnit & "/" & moid_ExchangeTerminal & "/" & & moid_Os155PhysPathTerm &</p>	
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				"/" & moid_Sts1SpeTtp	
Relationship Attributes					
NodeB_Id	NodeB in a UTRAN network.	Y	Y	NODEB_STS1_TP.nedn_SubNetwork & "/" & nedn_MeContext; NODEB_STS1_TP.nedn_SubNetwork & "/" & nedn_MeContext	
Plug_In_Unit_Id	Equipment Plug In Unit in a UTRAN network.	Y	Y	RNC_STS1_TP.nedn_SubNetwork & "/" & moid_Equipment & "/" & moid_Subrack & "/" & moid_Slot & "/" & moid_PlugInUnit or NODEB_STS1_TP.nedn_SubNetwork & "/" & nedn_MeContext & "/" & moid_Equipment & "/" & moid_Subrack & "/" & moid_Slot & "/" & moid_PlugInUnit or RXI_STS1_TP.nedn_SubNetwork & "/" & nedn_MeContext & "/" & moid_Equipment & "/" & moid_Subrack & "/" & moid_Slot & "/" & moid_PlugInUnit; RNC_STS1_TP.nedn_SubNetwork & "/" & moid_Equipment & "/" & moid_Subrack & "/" & moid_Slot & "/" & moid_PlugInUnit or NODEB_STS1_TP.nedn_SubNetwork & "/" & nedn_MeContext & "/" & moid_Equipment & "/" & moid_Subrack & "/" & moid_Slot & "/" & moid_PlugInUnit or RXI_STS1_TP.nedn_SubNetwork & "/" & nedn_MeContext & "/" & moid_Equipment & "/" & moid_Subrack & "/" & moid_Slot & "/" & moid_PlugInUnit	

RNC_Id	RNC in a UTRAN network.	Y	Y	RNC_STS1_TP.nedn_SubNetwork or NODEB_STS1_TP.nedn_SubNetwork or RXI_STS1_TP.nedn_SubNetwork; RNC_STS1_TP.nedn_SubNetwork or NODEB_STS1_TP.nedn_SubNetwork or RXI_STS1_TP.nedn_SubNetwork
OS155_Phys_Path_Term_Id	155 Mbit/s connections.	Y	Y	RNC_STS1_TP.nedn_SubNetwork & "/" & moid_Equipment & "/" & moid_Subrack & "/" & moid_Slot & "/" & moid_PlugInUnit & "/" & moid_ExchangeTerminal & "/" & moid_Os155PhysPathTerm or NODEB_STS1_TP.nedn_SubNetwork & "/" & nedn_MeContext & "/" & moid_Equipment & "/" & moid_Subrack & "/" & moid_Slot & "/" & moid_PlugInUnit & "/" & moid_ExchangeTerminal & "/" & moid_Os155PhysPathTerm or RXI_STS1_TP.nedn_SubNetwork & "/" & nedn_MeContext & "/" & moid_Equipment & "/" & moid_Subrack & "/" & moid_Slot & "/" & moid_PlugInUnit & "/" & moid_ExchangeTerminal & "/" & moid_Os155PhysPathTerm; RNC_STS1_TP.nedn_SubNetwork & "/" & moid_Equipment &

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				"/" & moid_Subrack & "/" & moid_Slot & "/" & moid_PlugInUnit & "/" & moid_ExchangeTerminal & "/" & & moid_Os155PhysPathTerm or NODEB_STS1_TP.nedn_SubN etwork & "/" & nedn_MeContext & "/" & moid_Equipment & "/" & moid_Subrack & "/" & moid_Slot & "/" & moid_PlugInUnit & "/" & moid_ExchangeTerminal & "/" & & moid_Os155PhysPathTerm or RXI_STS1_TP.nedn_SubNetwo rk & "/" & nedn_MeContext & "/" & moid_Equipment & "/" & moid_Subrack & "/" & moid_Slot & "/" & moid_PlugInUnit & "/" & moid_ExchangeTerminal & "/" & & moid_Os155PhysPathTerm
Network_Id	Network associated with the SONET STS1.	Y	Y	lookup("nc_bsc","network_id",u time(StartDate & StartTime,"%d %b %Y %R"), RNC_STS1_TP.nedn_SubNetwo rk) or lookup("nc_bsc","network_id",u time(StartDate & StartTime,"%d %b %Y %R"), NODEB_STS1_TP.nedn_SubN etwork) or lookup("nc_bsc","network_id",u time(StartDate & StartTime,"%d %b %Y %R"), RXI_STS1_TP.nedn_SubNetwo rk); lookup("nc_bsc","network_id",u time(StartDate & StartTime,"%d %b %Y %R"), RNC_STS1_TP.nedn_SubNetwo rk) or lookup("nc_bsc","network_id",u

				time(StartDate & StartTime,"%d %b %Y %R"), NODEB_STS1_TP.nedn_SubNetwork) or lookup("nc_bsc","network_id", time(StartDate & StartTime,"%d %b %Y %R"), RXI_STS1_TP.nedn_SubNetwork)
Region_Id	Region associated with the SONET STS1.	Y	Y	lookup("nc_bsc","region_id", time(StartDate & StartTime,"%d %b %Y %R"), RNC_STS1_TP.nedn_SubNetwork) or lookup("nc_bsc","region_id", time(StartDate & StartTime,"%d %b %Y %R"), NODEB_STS1_TP.nedn_SubNetwork) or lookup("nc_bsc","region_id", time(StartDate & StartTime,"%d %b %Y %R"), RXI_STS1_TP.nedn_SubNetwork); lookup("nc_bsc","region_id", time(StartDate & StartTime,"%d %b %Y %R"), RNC_STS1_TP.nedn_SubNetwork) or lookup("nc_bsc","region_id", time(StartDate & StartTime,"%d %b %Y %R"), NODEB_STS1_TP.nedn_SubNetwork) or lookup("nc_bsc","region_id", time(StartDate & StartTime,"%d %b %Y %R"), RXI_STS1_TP.nedn_SubNetwork)
Configuration Attributes				

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SONET_STS1_Name	A user friendly name preferably unique for the STS1SPETtp.		RNC_STS1_TP.nedn_SubNetwork & "/" & moid_Equipment & "/" & moid_Subrack & "/" & moid_Slot & "/" & moid_PlugInUnit & "/" & moid_ExchangeTerminal & "/" & moid_Os155PhysPathTerm & "/" & moid_Sts1SpeTtp Or NODEB_STS1_TP.nedn_SubNetwork & "/" & nedn_MeContext & "/" & moid_Equipment & "/" & moid_Subrack & "/" & moid_Slot & "/" & moid_PlugInUnit & "/" & moid_ExchangeTerminal & "/" & moid_Os155PhysPathTerm & "/" & moid_Sts1SpeTtp or RXI_STS1_TP.nedn_SubNetwork & "/" & nedn_MeContext & "/" & moid_Equipment & "/" & moid_Subrack & "/" & moid_Slot & "/" & moid_PlugInUnit & "/" & moid_ExchangeTerminal & "/" & moid_Os155PhysPathTerm & "/" & moid_Sts1SpeTtp; RNC_STS1_TP.nedn_SubNetwork & "/" & moid_Equipment & "/" & moid_Subrack & "/" & moid_Slot & "/" & moid_PlugInUnit & "/" & moid_ExchangeTerminal & "/" & moid_Os155PhysPathTerm & "/" & moid_Sts1SpeTtp Or NODEB_STS1_TP.nedn_SubNetwork & "/" & nedn_MeContext & "/" & moid_Equipment & "/" & moid_Subrack & "/" & moid_Slot & "/" & moid_PlugInUnit & "/" & moid_ExchangeTerminal & "/" & moid_Os155PhysPathTerm & "/" & moid_Sts1SpeTtp or RXI_STS1_TP.nedn_SubNetwo
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				rk & "/" & nedn_MeContext & "/" & moid_Equipment & "/" & moid_Subrack & "/" & moid_Slot & "/" & moid_PlugInUnit & "/" & moid_ExchangeTerminal & "/" & moid_Os155PhysPathTerm & "/" & moid_Sts1SpeTtp	
Technology	Technology of the network/element (e.g. GSM, GPRS, UMTS).			RNC_STS1_TP."UMTS" or NODEB_STS1_TP."UMTS" or RXI_STS1_TP."UMTS"; RNC_STS1_TP."UMTS" or NODEB_STS1_TP."UMTS" or RXI_STS1_TP."UMTS"	
Version	Hardware/Software version of the SONET STS1.			RNC_STS1_TP."P7.1" or NODEB_STS1_TP."P7.1" or RXI_STS1_TP."P7.1"; RNC_STS1_TP."P7.1" or NODEB_STS1_TP."P7.1" or RXI_STS1_TP."P7.1"	
Node_Type	Type of Node.			RNC_STS1_TP."RNC" or NODEB_STS1_TP."NodeB" or RXI_STS1_TP."RXI"; RNC_STS1_TP."RNC" or NODEB_STS1_TP."NodeB" or RXI_STS1_TP."RXI"	
Node_Id	The unique identifier for the node this object is connected to.			No mapping; No mapping	
Node_Name	A user friendly name for this node the object is connected to.			No mapping; No mapping	

5.84 SONET_STS3 details

In the network hierarchy, the immediate parent of the SONET_STS3 object is OS155_Phys_Path_Term.

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Attribute Name	Description	Read - Only ?	Time-Track ed?	Mapping	Aggrega tor
Primary Identifier					
SONET_STS3_Id	A unique identifier for the STS3 SONET higher order path.	Y		RNC_STS3_TP.nedn_SubNetwork & "/" & moid_Equipment & "/" & moid_Subrack & "/" & moid_Slot & "/" & moid_PluginUnit & "/" & moid_ExchangeTerminal & "/" & moid_Os155SpiTtp & "/" & moid_Sts3CspeTtp Or NODEB_STS3_TP.nedn_SubNetwork & "/" & nedn_MeContext & "/" & moid_Equipment & "/" & moid_Subrack & "/" & moid_Slot & "/" & moid_PluginUnit & "/" & moid_ExchangeTerminal & "/" & moid_Os155PhysPathTerm & "/" & moid_Sts3CspeTtp or RXI_STS3_TP.nedn_SubNetwork & "/" & nedn_MeContext & "/" & moid_Equipment & "/" & moid_Subrack & "/" & moid_Slot & "/" & moid_PluginUnit & "/" & moid_ExchangeTerminal & "/" & moid_Os155PhysPathTerm & "/" & moid_Sts3CspeTtp; RNC_STS3_TP.nedn_SubNetwork & "/" & moid_Equipment & "/" & moid_Subrack & "/" & moid_Slot & "/" & moid_PluginUnit & "/" & moid_ExchangeTerminal & "/" & moid_Os155SpiTtp & "/" & moid_Sts3CspeTtp Or NODEB_STS3_TP.nedn_SubNetwork & "/" & nedn_MeContext & "/" & moid_Equipment & "/" & moid_Subrack & "/" &	

				moid_Slot & "/" & moid_PlugInUnit & "/" & moid_ExchangeTerminal & "/" & & moid_Os155PhysPathTerm & "/" & moid_Sts3CspeTtp or RXI_STS3_TP.nedn_SubNetwo rk & "/" & nedn_MeContext & "/" & moid_Equipment & "/" & moid_Subrack & "/" & moid_Slot & "/" & moid_PlugInUnit & "/" & moid_ExchangeTerminal & "/" & & moid_Os155PhysPathTerm & "/" & moid_Sts3CspeTtp	
Relationship Attributes					
NodeB_Id	NodeB in a UTRAN network.	Y	Y	NODEB_STS3_TP.nedn_SubN etwork & "/" & nedn_MeContext; NODEB_STS3_TP.nedn_SubN etwork & "/" & nedn_MeContext	
RNC_Id	RNC in a UTRAN network.	Y	Y	RNC_STS3_TP.nedn_SubNetw ork or NODEB_STS3_TP.nedn_SubN etwork or RXI_STS3_TP.nedn_SubNetwo rk; RNC_STS3_TP.nedn_SubNetw ork or NODEB_STS3_TP.nedn_SubN etwork or RXI_STS3_TP.nedn_SubNetwo rk	
Plug_In_Unit_Id	Equipment Plug In Unit in a UTRAN network.	Y	Y	RNC_STS3_TP.nedn_SubNetw ork & "/" & moid_Equipment & "/" & moid_Subrack & "/" & moid_Slot & "/" & moid_PlugInUnit or	

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				<p>NODEB_STS3_TP.nedn_SubNetwork & "/" & nedn_MeContext & "/" & moid_Equipment & "/" & moid_Subrack & "/" & moid_Slot & "/" & moid_PlugInUnit or RXI_STS3_TP.nedn_SubNetwork & "/" & nedn_MeContext & "/" & moid_Equipment & "/" & moid_Subrack & "/" & moid_Slot & "/" & moid_PlugInUnit; RNC_STS3_TP.nedn_SubNetwork & "/" & moid_Equipment & "/" & moid_Subrack & "/" & moid_Slot & "/" & moid_PlugInUnit or NODEB_STS3_TP.nedn_SubNetwork & "/" & nedn_MeContext & "/" & moid_Equipment & "/" & moid_Subrack & "/" & moid_Slot & "/" & moid_PlugInUnit or RXI_STS3_TP.nedn_SubNetwork & "/" & nedn_MeContext & "/" & moid_Equipment & "/" & moid_Subrack & "/" & moid_Slot & "/" & moid_PlugInUnit</p>
OS155_Phys_Path_Term_Id	155 Mbit/s connections link.	Y	Y	<p>RNC_STS3_TP.nedn_SubNetwork & "/" & moid_Equipment & "/" & moid_Subrack & "/" & moid_Slot & "/" & moid_PlugInUnit & "/" & moid_ExchangeTerminal & "/" & moid_Os155SpiTtp or NODEB_STS3_TP.nedn_SubNetwork & "/" & nedn_MeContext & "/" & moid_Equipment & "/" & moid_Subrack & "/" & moid_Slot & "/" & moid_PlugInUnit & "/" &</p>

				<pre> moid_ExchangeTerminal & "/" & moid_Os155PhysPathTerm or RXI_STS3_TP.nedn_SubNetwo rk & "/" & nedn_MeContext & "/" & moid_Equipment & "/" & moid_Subrack & "/" & moid_Slot & "/" & moid_PlugInUnit & "/" & moid_ExchangeTerminal & "/" & moid_Os155PhysPathTerm; RNC_STS3_TP.nedn_SubNetwo rk & "/" & moid_Equipment & "/" & moid_Subrack & "/" & moid_Slot & "/" & moid_PlugInUnit & "/" & moid_ExchangeTerminal & "/" & moid_Os155SpiTtp or NODEB_STS3_TP.nedn_SubN etwork & "/" & nedn_MeContext & "/" & moid_Equipment & "/" & moid_Subrack & "/" & moid_Slot & "/" & moid_PlugInUnit & "/" & moid_ExchangeTerminal & "/" & moid_Os155PhysPathTerm or RXI_STS3_TP.nedn_SubNetwo rk & "/" & nedn_MeContext & "/" & moid_Equipment & "/" & moid_Subrack & "/" & moid_Slot & "/" & moid_PlugInUnit & "/" & moid_ExchangeTerminal & "/" & moid_Os155PhysPathTerm </pre>
Network_Id	Network associated with the SONET STS3.	Y	Y	<pre> lookup("nc_bsc","network_id",u time(StartDate & StartTime,"%d %b %Y %R"), RNC_STS3_TP.nedn_SubNetw </pre>

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				<p>ork) or lookup("nc_bsc","network_id",u time(StartDate & StartTime,"%d %b %Y %R"), NODEB_STS3_TP.nedn_SubN etwork) or lookup("nc_bsc","network_id",u time(StartDate & StartTime,"%d %b %Y %R"), RXI_STS3_TP.nedn_SubNetwo rk); lookup("nc_bsc","network_id",u time(StartDate & StartTime,"%d %b %Y %R"), RNC_STS3_TP.nedn_SubNetwo rk) or lookup("nc_bsc","network_id",u time(StartDate & StartTime,"%d %b %Y %R"), NODEB_STS3_TP.nedn_SubN etwork) or lookup("nc_bsc","network_id",u time(StartDate & StartTime,"%d %b %Y %R"), RXI_STS3_TP.nedn_SubNetwo rk)</p>	
Region_Id	Region associated with the SONET STS3.	Y	Y	<p>lookup("nc_bsc","region_id",uti me(StartDate & StartTime,"%d %b %Y %R"), RNC_STS3_TP.nedn_SubNetwo rk) or lookup("nc_bsc","region_id",uti me(StartDate & StartTime,"%d %b %Y %R"), NODEB_STS3_TP.nedn_SubN etwork) or lookup("nc_bsc","region_id",uti me(StartDate & StartTime,"%d %b %Y %R"), RXI_STS3_TP.nedn_SubNetwo rk); lookup("nc_bsc","region_id",uti me(StartDate & StartTime,"%d %b %Y %R"), RNC_STS3_TP.nedn_SubNetwo</p>	

				<p>ork) or lookup("nc_bsc","region_id",uti me(StartDate & StartTime,"%d %b %Y %R"), NODEB_STS3_TP.nedn_SubN etwork) or lookup("nc_bsc","region_id",uti me(StartDate & StartTime,"%d %b %Y %R"), RXI_STS3_TP.nedn_SubNetwo rk)</p>
Configuration Attributes				
SONET_STS3_Name	A user friendly name preferably unique for the STS3CSPETtp.			<p>RNC_STS3_TP.nedn_SubNetw ork & "/" & moid_Equipment & "/" & moid_Subrack & "/" & moid_Slot & "/" & moid_PlugInUnit & "/" & moid_ExchangeTerminal & "/" & moid_Os155SpiTtp & "/" & moid_Sts3CspeTtp Or NODEB_STS3_TP.nedn_SubN etwork & "/" & nedn_MeContext & "/" & moid_Equipment & "/" & moid_Subrack & "/" & moid_Slot & "/" & moid_PlugInUnit & "/" & moid_ExchangeTerminal & "/" & moid_Os155PhysPathTerm & "/" & moid_Sts3CspeTtp or RXI_STS3_TP.nedn_SubNetwo rk & "/" & nedn_MeContext & "/" & moid_Equipment & "/" & moid_Subrack & "/" & moid_Slot & "/" & moid_PlugInUnit & "/" & moid_ExchangeTerminal & "/" & moid_Os155PhysPathTerm & "/" & moid_Sts3CspeTtp; RNC_STS3_TP.nedn_SubNetw</p>

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			<p>ork & "/" & moid_Equipment & "/" & moid_Subrack & "/" & moid_Slot & "/" & moid_PlugInUnit & "/" & moid_ExchangeTerminal & "/" & moid_Os155SpiTtp & "/" & moid_Sts3CspeTtp Or NODEB_STS3_TP.nedn_SubNetwork & "/" & nedn_MeContext & "/" & moid_Equipment & "/" & moid_Subrack & "/" & moid_Slot & "/" & moid_PlugInUnit & "/" & moid_ExchangeTerminal & "/" & moid_Os155PhysPathTerm & "/" & moid_Sts3CspeTtp or RXI_STS3_TP.nedn_SubNetwork & "/" & nedn_MeContext & "/" & moid_Equipment & "/" & moid_Subrack & "/" & moid_Slot & "/" & moid_PlugInUnit & "/" & moid_ExchangeTerminal & "/" & moid_Os155PhysPathTerm & "/" & moid_Sts3CspeTtp</p>	
Technology	Technology of the network/element (e.g. GSM, GPRS, UMTS).		<p>RNC_STS3_TP."UMTS" or NODEB_STS3_TP."UMTS" or RXI_STS3_TP."UMTS"; RNC_STS3_TP."UMTS" or NODEB_STS3_TP."UMTS" or RXI_STS3_TP."UMTS"</p>	
Version	Hardware/Software version of the SONET STS3.		<p>RNC_STS3_TP."P7.1" or NODEB_STS3_TP."P7.1" or RXI_STS3_TP."P7.1"; RNC_STS3_TP."P7.1" or NODEB_STS3_TP."P7.1" or RXI_STS3_TP."P7.1"</p>	
Node_Type	Type of Node.		<p>RNC_STS3_TP."RNC" or NODEB_STS3_TP."NodeB" or RXI_STS3_TP."RXI"; RNC_STS3_TP."RNC" or NODEB_STS3_TP."NodeB" or RXI_STS3_TP."RXI"</p>	

Node_Id	The unique identifier for the node this object is connected to.			No mapping; No mapping	
Node_Name	A user friendly name for this node the object is connected to.			No mapping; No mapping	

5.85 SwitchPortStp details

In the network hierarchy, the immediate parent of the SwitchPortStp object is EthernetSwitchPort.

Attribute Name	Description	Read - Only ?	Time-Track ed?	Mapping	Aggrega tor
Primary Identifier					
SwitchPortStp_ Id	The primary identifier of the SwitchPortStp.	Y		RNC_SwitchPortStp.nedn_Sub Network & "/" & moid_Equipment & "/" & moid_Subrack & "/" & moid_PlugInUnit & "/" & moid_ExchangeTerminalIp & "/" & moid_EthernetSwitch & "/" & moid_EthernetSwitchPort & "/" & moid_SwitchPortStp or NODEB_SwitchPortStp.nedn_SubNetwork & "/" & nedn_MeContext & "/" & moid_Equipment & "/" & moid_Subrack & "/" & PlugInUnit & "/" & ExchangeTerminalIp & "/" & moid_EthernetSwitch & "/" & moid_EthernetSwitchPort & "/" & moid_SwitchPortStp or RXI_SwitchPortStp.nedn_SubNetwork & "/" & nedn_MeContext & "/" & moid_Equipment & "/" &	

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				moid_Subrack & "/" & PlugInUnit & "/" & ExchangeTerminalIp & "/" & moid_EthernetSwitch & "/" & moid_EthernetSwitchPort & "/" & & moid_SwitchPortStp; RNC_SwitchPortStp.nedn_Sub Network & "/" & moid_Equipment & "/" & moid_Subrack & "/" & moid_PlugInUnit & "/" & moid_ExchangeTerminalIp & "/" & moid_EthernetSwitch & "/" & moid_EthernetSwitchPort & "/" & moid_SwitchPortStp or NODEB_SwitchPortStp.nedn_S ubNetwork & "/" & nedn_MeContext & "/" & moid_Equipment & "/" & moid_Subrack & "/" & PlugInUnit & "/" & ExchangeTerminalIp & "/" & moid_EthernetSwitch & "/" & moid_EthernetSwitchPort & "/" & & moid_SwitchPortStp or RXI_SwitchPortStp.nedn_SubN etwork & "/" & nedn_MeContext & "/" & moid_Equipment & "/" & moid_Subrack & "/" & PlugInUnit & "/" & ExchangeTerminalIp & "/" & moid_EthernetSwitch & "/" & moid_EthernetSwitchPort & "/" & & moid_SwitchPortStp
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Relationship Attributes					
EthernetSwitch Port_Id	The Ethernet Switch Port this object belongs to.	Y	Y	RNC_SwitchPortStp.nedn_Sub Network & "/" & moid_Equipment & "/" & moid_Subrack & "/" & PlugInUnit & "/" & ExchangeTerminalIp & "/" & moid_EthernetSwitch & "/" & moid_EthernetSwitchPort or NODEB_SwitchPortStp.nedn_S	

			ubNetwork & "/" & nedn_MeContext & "/" & moid_Equipment & "/" & moid_Subrack & "/" & PlugInUnit & "/" & ExchangeTerminalIp & "/" & moid_EthernetSwitch & "/" & moid_EthernetSwitchPort or RXI_SwitchPortStp.nedn_SubN etwork & "/" & nedn_MeContext & "/" & moid_Equipment & "/" & moid_Subrack & "/" & PlugInUnit & "/" & ExchangeTerminalIp & "/" & moid_EthernetSwitch & "/" & moid_EthernetSwitchPort; RNC_SwitchPortStp.nedn_Sub Network & "/" & moid_Equipment & "/" & moid_Subrack & "/" & PlugInUnit & "/" & ExchangeTerminalIp & "/" & moid_EthernetSwitch & "/" & moid_EthernetSwitchPort or NODEB_SwitchPortStp.nedn_S ubNetwork & "/" & nedn_MeContext & "/" & moid_Equipment & "/" & moid_Subrack & "/" & PlugInUnit & "/" & ExchangeTerminalIp & "/" & moid_EthernetSwitch & "/" & moid_EthernetSwitchPort or RXI_SwitchPortStp.nedn_SubN etwork & "/" & nedn_MeContext & "/" & moid_Equipment & "/" & moid_Subrack & "/" & PlugInUnit & "/" & ExchangeTerminalIp & "/" &
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				moid_EthernetSwitch & "/" & moid_EthernetSwitchPort	
NodeB_Id	NodeB in a UTRAN network.	Y	Y	NODEB_SwitchPortStp.nedn_SubNetwork & "/" & nedn_MeContext; NODEB_SwitchPortStp.nedn_SubNetwork & "/" & nedn_MeContext	
RNC_Id	RNC in a UTRAN network.	Y	Y	RNC_SwitchPortStp.nedn_SubNetwork or NODEB_SwitchPortStp.nedn_SubNetwork or RXI_SwitchPortStp.nedn_SubNetwork; RNC_SwitchPortStp.nedn_SubNetwork or NODEB_SwitchPortStp.nedn_SubNetwork or RXI_SwitchPortStp.nedn_SubNetwork	
Network_Id	Network associated with the SwitchPortStp.	Y	Y	lookup("nc_bsc","network_id",u time(StartDate & StartTime,"%d %b %Y %R"), RNC_SwitchPortStp.nedn_SubNetwork) or lookup("nc_bsc","network_id",u time(StartDate & StartTime,"%d %b %Y %R"), NODEB_SwitchPortStp.nedn_SubNetwork) or lookup("nc_bsc","network_id",u time(StartDate & StartTime,"%d %b %Y %R"), RXI_SwitchPortStp.nedn_SubNetwork); lookup("nc_bsc","network_id",u time(StartDate & StartTime,"%d %b %Y %R"), RNC_SwitchPortStp.nedn_SubNetwork) or lookup("nc_bsc","network_id",u time(StartDate & StartTime,"%d %b %Y %R"), NODEB_SwitchPortStp.nedn_SubNetwork)	

				ubNetwork) or lookup("nc_bsc","network_id",u time(StartDate & StartTime,"%d %b %Y %R"), RXI_SwitchPortStp.nedn_SubN etwork)	
Region_Id	Region associated with the SwitchPortStp.	Y	Y	lookup("nc_bsc","region_id",uti me(StartDate & StartTime,"%d %b %Y %R"), RNC_SwitchPortStp.nedn_Sub Network) or lookup("nc_bsc","region_id",uti me(StartDate & StartTime,"%d %b %Y %R"), NODEB_SwitchPortStp.nedn_S ubNetwork) or lookup("nc_bsc","region_id",uti me(StartDate & StartTime,"%d %b %Y %R"), RXI_SwitchPortStp.nedn_SubN etwork); lookup("nc_bsc","region_id",uti me(StartDate & StartTime,"%d %b %Y %R"), RNC_SwitchPortStp.nedn_Sub Network) or lookup("nc_bsc","region_id",uti me(StartDate & StartTime,"%d %b %Y %R"), NODEB_SwitchPortStp.nedn_S ubNetwork) or lookup("nc_bsc","region_id",uti me(StartDate & StartTime,"%d %b %Y %R"), RXI_SwitchPortStp.nedn_SubN etwork)	
Configuration Attributes					
SwitchPortStp_ Name	The meaningful name of the SwitchPortStp.			RNC_SwitchPortStp.nedn_Sub Network & "/" &	

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			<p>moid_Equipment & "/" & moid_Subrack & "/" & PlugInUnit & "/" & ExchangeTerminalIp & "/" & moid_EthernetSwitch & "/" & moid_EthernetSwitchPort & "/" & moid_SwitchPortStp or NODEB_SwitchPortStp.nedn_S ubNetwork & "/" & nedn_MeContext & "/" & moid_Equipment & "/" & moid_Subrack & "/" & PlugInUnit & "/" & ExchangeTerminalIp & "/" & moid_EthernetSwitch & "/" & moid_EthernetSwitchPort & "/" & moid_SwitchPortStp or RXI_SwitchPortStp.nedn_SubN etwork & "/" & nedn_MeContext & "/" & moid_Equipment & "/" & moid_Subrack & "/" & PlugInUnit & "/" & ExchangeTerminalIp & "/" & moid_EthernetSwitch & "/" & moid_EthernetSwitchPort & "/" & moid_SwitchPortStp; RNC_SwitchPortStp.nedn_Sub Network & "/" & moid_Equipment & "/" & moid_Subrack & "/" & PlugInUnit & "/" & ExchangeTerminalIp & "/" & moid_EthernetSwitch & "/" & moid_EthernetSwitchPort & "/" & moid_SwitchPortStp or NODEB_SwitchPortStp.nedn_S ubNetwork & "/" & nedn_MeContext & "/" & moid_Equipment & "/" & moid_Subrack & "/" & PlugInUnit & "/" & ExchangeTerminalIp & "/" & moid_EthernetSwitch & "/" & moid_EthernetSwitchPort & "/" & moid_SwitchPortStp or</p>	
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				RXI_SwitchPortStp.nedn_SubNetwork & "/" & nedn_MeContext & "/" & moid_Equipment & "/" & moid_Subrack & "/" & PlugInUnit & "/" & ExchangeTerminalIp & "/" & moid_EthernetSwitch & "/" & moid_EthernetSwitchPort & "/" & moid_SwitchPortStp
Technology	Technology of the network/element (e.g. GSM, GPRS, UMTS).			RNC_SwitchPortStp."UMTS" or NODEB_SwitchPortStp."UMTS" or RXI_SwitchPortStp."UMTS"; RNC_SwitchPortStp."UMTS" or NODEB_SwitchPortStp."UMTS" or RXI_SwitchPortStp."UMTS"
Version	Hardware/Software version of the SwitchPortStp.			RNC_SwitchPortStp."P7.1" or NODEB_SwitchPortStp."P7.1" or RXI_SwitchPortStp."P7.1"; RNC_SwitchPortStp."P7.1" or NODEB_SwitchPortStp."P7.1" or RXI_SwitchPortStp."P7.1"
Node_Type	Type of Node.			RNC_SwitchPortStp."RNC" or NODEB_SwitchPortStp."Node B" or RXI_SwitchPortStp."RXI" ; RNC_SwitchPortStp."RNC" or NODEB_SwitchPortStp."Node B" or RXI_SwitchPortStp."RXI"
Node_Id	The unique identifier for the node this object is connected to.			No mapping; No mapping
Node_Name	A user friendly name			No mapping; No mapping

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	for this node the object is connected to.				
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5.86 SwitchStp details

In the network hierarchy, the immediate parent of the SwitchStp object is Plug_In_Unit.

Attribute Name	Description	Read - Only ?	Time-Track ed?	Mapping	Aggrega tor
Primary Identifier					
SwitchStp_Id	The primary identifier of the SwitchStp.	Y		RNC_SwitchStp.nedn_SubNetw ork & "/" & moid_Equipment & "/" & moid_Subrack & "/" & PlugInUnit & "/" & ExchangeTerminallp & "/" & moid_EthernetSwitch & "/" & moid_EthernetSwitchPort & "/" & moid_SwitchPortStp or NODEB_SwitchStp.nedn_SubNe twork & "/" & nedn_MeContext & "/" & moid_Equipment & "/" & moid_Subrack & "/" & PlugInUnit & "/" & ExchangeTerminallp & "/" & moid_EthernetSwitch & "/" & moid_EthernetSwitchPort & "/" & moid_SwitchPortStp or RXI_SwitchStp.nedn_SubNetwo rk & "/" & nedn_MeContext & "/" & moid_Equipment & "/" & moid_Subrack & "/" & PlugInUnit & "/" & ExchangeTerminallp & "/" & moid_EthernetSwitch & "/" & moid_EthernetSwitchPort & "/" & moid_SwitchPortStp; RNC_SwitchStp.nedn_SubNetw ork & "/" & moid_Equipment & "/" & moid_Subrack & "/" & PlugInUnit & "/" & ExchangeTerminallp & "/" & moid_EthernetSwitch & "/" &	

				moid_EthernetSwitchPort & "/" & moid_SwitchPortStp or NODEB_SwitchStp.nedn_SubNetwork & "/" & nedn_MeContext & "/" & moid_Equipment & "/" & moid_Subrack & "/" & PlugInUnit & "/" & ExchangeTerminalIp & "/" & moid_EthernetSwitch & "/" & moid_EthernetSwitchPort & "/" & moid_SwitchPortStp or RXI_SwitchStp.nedn_SubNetwork & "/" & nedn_MeContext & "/" & moid_Equipment & "/" & moid_Subrack & "/" & PlugInUnit & "/" & ExchangeTerminalIp & "/" & moid_EthernetSwitch & "/" & moid_EthernetSwitchPort & "/" & moid_SwitchPortStp	
Relationship Attributes					
Plug_In_Unit_Id	The Plug In Unit Id related to this object.	Y	Y	RNC_SwitchStp.nedn_SubNetwork & "/" & moid_Equipment & "/" & moid_Subrack & "/" & PlugInUnit or NODEB_SwitchStp.nedn_SubNetwork & "/" & nedn_MeContext & "/" & moid_Equipment & "/" & moid_Subrack & "/" & PlugInUnit or RXI_SwitchStp.nedn_SubNetwork & "/" & nedn_MeContext & "/" & moid_Equipment & "/" & moid_Subrack & "/" & PlugInUnit; RNC_SwitchStp.nedn_SubNetwork & "/" & moid_Equipment & "/" & moid_Subrack & "/" & PlugInUnit or NODEB_SwitchStp.nedn_SubNe	

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				network & "/" & nedn_MeContext & "/" & moid_Equipment & "/" & moid_Subrack & "/" & PlugInUnit or RXI_SwitchStp.nedn_SubNetwork & "/" & nedn_MeContext & "/" & moid_Equipment & "/" & moid_Subrack & "/" & PlugInUnit
NodeB_Id	NodeB in a UTRAN network.	Y	Y	NODEB_SwitchStp.nedn_SubNetwork & "/" & nedn_MeContext; NODEB_SwitchStp.nedn_SubNetwork & "/" & nedn_MeContext
RNC_Id	RNC in a UTRAN network.	Y	Y	RNC_SwitchStp.nedn_SubNetwork or NODEB_SwitchStp.nedn_SubNetwork or RXI_SwitchStp.nedn_SubNetwork; RNC_SwitchStp.nedn_SubNetwork or NODEB_SwitchStp.nedn_SubNetwork or RXI_SwitchStp.nedn_SubNetwork
Network_Id	Network associated with the SwitchStp.	Y	Y	lookup("nc_bsc","network_id",utime(StartDate & StartTime,"%d %b %Y %R"), RNC_SwitchStp.nedn_SubNetwork) or lookup("nc_bsc","network_id",utime(StartDate & StartTime,"%d %b %Y %R"), NODEB_SwitchStp.nedn_SubNetwork) or lookup("nc_bsc","network_id",utime(StartDate & StartTime,"%d %b %Y %R"), RXI_SwitchStp.nedn_SubNetwork); lookup("nc_bsc","network_id",utime(StartDate & StartTime,"%d %b %Y %R"), RNC_SwitchStp.nedn_SubNetwork

				ork) or lookup("nc_bsc","network_id",ut ime(StartDate & StartTime,"%d %b %Y %R"), NODEB_SwitchStp.nedn_SubNe twork) or lookup("nc_bsc","network_id",ut ime(StartDate & StartTime,"%d %b %Y %R"), RXI_SwitchStp.nedn_SubNetwo rk)
Region_Id	Region associated with the SwitchStp.	Y	Y	lookup("nc_bsc","region_id",uti me(StartDate & StartTime,"%d %b %Y %R"), RNC_SwitchStp.nedn_SubNetw ork) or lookup("nc_bsc","region_id",uti me(StartDate & StartTime,"%d %b %Y %R"), NODEB_SwitchStp.nedn_SubNe twork) or lookup("nc_bsc","region_id",uti me(StartDate & StartTime,"%d %b %Y %R"), RXI_SwitchStp.nedn_SubNetwo rk); lookup("nc_bsc","region_id",uti me(StartDate & StartTime,"%d %b %Y %R"), RNC_SwitchStp.nedn_SubNetw ork) or lookup("nc_bsc","region_id",uti me(StartDate & StartTime,"%d %b %Y %R"), NODEB_SwitchStp.nedn_SubNe twork) or lookup("nc_bsc","region_id",uti me(StartDate & StartTime,"%d %b %Y %R"), RXI_SwitchStp.nedn_SubNetwo

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rk)

Configuration Attributes

SwitchStp_Name	The meaningful name of the SwitchStp		RNC_SwitchStp.nedn_SubNetwork & "/" & moid_Equipment & "/" & moid_Subrack & "/" & PlugInUnit & "/" & ExchangeTerminalIp & "/" & moid_EthernetSwitch & "/" & moid_EthernetSwitchPort & "/" & moid_SwitchPortStp or NODEB_SwitchStp.nedn_SubNetwork & "/" & nedn_MeContext & "/" & moid_Equipment & "/" & moid_Subrack & "/" & PlugInUnit & "/" & ExchangeTerminalIp & "/" & moid_EthernetSwitch & "/" & moid_EthernetSwitchPort & "/" & moid_SwitchPortStp or RXI_SwitchStp.nedn_SubNetwork & "/" & nedn_MeContext & "/" & moid_Equipment & "/" & moid_Subrack & "/" & PlugInUnit & "/" & ExchangeTerminalIp & "/" & moid_EthernetSwitch & "/" & moid_EthernetSwitchPort & "/" & moid_SwitchPortStp; RNC_SwitchStp.nedn_SubNetwork & "/" & moid_Equipment & "/" & moid_Subrack & "/" & PlugInUnit & "/" & ExchangeTerminalIp & "/" & moid_EthernetSwitch & "/" & moid_EthernetSwitchPort & "/" & moid_SwitchPortStp or NODEB_SwitchStp.nedn_SubNetwork & "/" & nedn_MeContext & "/" & moid_Equipment & "/" & moid_Subrack & "/" & PlugInUnit & "/" & ExchangeTerminalIp & "/" & moid_EthernetSwitch & "/" & moid_EthernetSwitchPort & "/" & moid_SwitchPortStp or	
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				RXI_SwitchStp.nedn_SubNetwo rk & "/" & nedn_MeContext & "/" & moid_Equipment & "/" & moid_Subrack & "/" & PlugInUnit & "/" & ExchangeTerminalIp & "/" & moid_EthernetSwitch & "/" & moid_EthernetSwitchPort & "/" & moid_SwitchPortStp	
Technology	Technology of the network/element (e.g. GSM, GPRS, UMTS).			RNC_SwitchStp."UMTS" or NODEB_SwitchStp."UMTS" or RXI_SwitchStp."UMTS"; RNC_SwitchStp."UMTS" or NODEB_SwitchStp."UMTS" or RXI_SwitchStp."UMTS"	
Version	Hardware/Software version of the SwitchStp.			RNC_SwitchStp."P7.1" or NODEB_SwitchStp."P7.1" or RXI_SwitchStp."P7.1"; RNC_SwitchStp."P7.1" or NODEB_SwitchStp."P7.1" or RXI_SwitchStp."P7.1"	
Node_Type	Type of Node.			RNC_SwitchStp."RNC" or NODEB_SwitchStp."NodeB" or RXI_SwitchStp."RXI" ; RNC_SwitchStp."RNC" or NODEB_SwitchStp."NodeB" or RXI_SwitchStp."RXI"	
Node_Id	The unique identifier for the node this object is connected to.			No mapping; No mapping	
Node_Name	A user friendly name for this node the object is connected to.			No mapping; No mapping	

5.87 Synchronization details

In the network hierarchy, the immediate parents of the Synchronization object are: NodeB and RNC.

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Attribute Name	Description	Read - Only ?	Time-Track ed?	Mapping	Aggrega tor
Primary Identifier					
Synchronizatio n_Id	The primary identifier of the Synchronization.	Y		RNC_Synchronization.nedn_SubNetwork & "/" & moid_Synchronization or NODEB_Synchronization.nedn_SubNetwork & "/" & nedn_MeContext & "/" & moid_Synchronization or RXI_Synchronization.nedn_SubNetwork & "/" & nedn_MeContext & "/" & moid_Synchronization; RNC_Synchronization.nedn_SubNetwork & "/" & moid_Synchronization or NODEB_Synchronization.nedn_SubNetwork & "/" & nedn_MeContext & "/" & moid_Synchronization or RXI_Synchronization.nedn_SubNetwork & "/" & nedn_MeContext & "/" & moid_Synchronization	
Relationship Attributes					
NodeB_Id	NodeB in a UTRAN network.	Y	Y	NODEB_Synchronization.nedn_SubNetwork & "/" & nedn_MeContext; NODEB_Synchronization.nedn_SubNetwork & "/" & nedn_MeContext	
RNC_Id	RNC in a UTRAN network.	Y	Y	RNC_Synchronization.nedn_SubNetwork or NODEB_Synchronization.nedn_SubNetwork or RXI_Synchronization.nedn_SubNetwork; RNC_Synchronization.nedn_SubNetwork or	

				NODEB_Synchronization.nedn_SubNetwork or RXI_Synchronization.nedn_SubNetwork
Network_Id	Network associated with the Synchronization.	Y	Y	lookup("nc_bsc","network_id", utime(StartDate & StartTime,"%d %b %Y %R"), RNC_Synchronization.nedn_SubNetwork) or lookup("nc_bsc","network_id", utime(StartDate & StartTime,"%d %b %Y %R"), NODEB_Synchronization.nedn_SubNetwork) or lookup("nc_bsc","network_id", utime(StartDate & StartTime,"%d %b %Y %R"), RXI_Synchronization.nedn_SubNetwork); lookup("nc_bsc","network_id", utime(StartDate & StartTime,"%d %b %Y %R"), RNC_Synchronization.nedn_SubNetwork) or lookup("nc_bsc","network_id", utime(StartDate & StartTime,"%d %b %Y %R"), NODEB_Synchronization.nedn_SubNetwork) or lookup("nc_bsc","network_id", utime(StartDate & StartTime,"%d %b %Y %R"), RXI_Synchronization.nedn_SubNetwork)
Region_Id	Region associated with the Synchronization.	Y	Y	lookup("nc_bsc","region_id", utime(StartDate & StartTime,"%d %b %Y %R"), RNC_Synchronization.nedn_SubNetwork) or lookup("nc_bsc","region_id", utime(StartDate & StartTime,"%d %b %Y %R"),

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				<pre> ime(StartDate & StartTime,"%d %b %Y %R"), NODEB_Synchronization.nedn _SubNetwork) or lookup("nc_bsc","region_id",ut ime(StartDate & StartTime,"%d %b %Y %R"), RXI_Synchronization.nedn_Su bNetwork); lookup("nc_bsc","region_id",ut ime(StartDate & StartTime,"%d %b %Y %R"), RNC_Synchronization.nedn_Su bNetwork) or lookup("nc_bsc","region_id",ut ime(StartDate & StartTime,"%d %b %Y %R"), NODEB_Synchronization.nedn _SubNetwork) or lookup("nc_bsc","region_id",ut ime(StartDate & StartTime,"%d %b %Y %R"), RXI_Synchronization.nedn_Su bNetwork) </pre>
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Configuration Attributes

Synchronizatio n_Name	The meaningful name of the Synchronization.			<pre> RNC_Synchronization.nedn_Su bNetwork & "/" & moid_Synchronization or NODEB_Synchronization.nedn _SubNetwork & "/" & nedn_MeContext & "/" & moid_Synchronization or RXI_Synchronization.nedn_Su bNetwork & "/" & nedn_MeContext & "/" & moid_Synchronization; RNC_Synchronization.nedn_Su bNetwork & "/" & moid_Synchronization or NODEB_Synchronization.nedn _SubNetwork & "/" & nedn_MeContext & "/" & moid_Synchronization or RXI_Synchronization.nedn_Su bNetwork & "/" & </pre>
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				nedn_MeContext & "/" & moid_Synchronization	
Technology	Technology of the network/element (e.g. GSM, GPRS, UMTS).			RNC_Synchronization."UMTS" or NODEB_Synchronization."UMTS" or RXI_Synchronization."UMTS"; RNC_Synchronization."UMTS" or NODEB_Synchronization."UMTS" or RXI_Synchronization."UMTS"	
Version	Hardware/Software version of the Synchronization.			RNC_Synchronization."P7.1" or NODEB_Synchronization."P7.1" or RXI_Synchronization."P7.1"; RNC_Synchronization."P7.1" or NODEB_Synchronization."P7.1" or RXI_Synchronization."P7.1"	
Node_Type	Type of Node.			RNC_Synchronization."RNC" or NODEB_Synchronization."NodeB" or RXI_Synchronization."RXI" ; RNC_Synchronization."RNC" or NODEB_Synchronization."NodeB" or RXI_Synchronization."RXI"	
Node_Id	The unique identifier for the node this object is connected to.			No mapping; No mapping	
Node_Name	A user friendly name for this node the object is connected to.			No mapping; No mapping	

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5.88 T1Ttp details

In the network hierarchy, the immediate parent of the T1Ttp object is VT1_5_TP.

Attribute Name	Description	Read - Only ?	Time-Track ed?	Mapping	Aggrega tor
Primary Identifier					
T1Ttp_Id	A unique identifier for the channelised E1 Interface.	Y		RNC_T1Ttp.nedn_SubNetwork & "/" & moid_Equipment & "/" & moid_Subrack & "/" & moid_Slot & "/" & moid_PlugInUnit & "/" & moid_ExchangeTerminal & "/" & moid_Os155PhysPathTerm & "/" & moid_Sts1SpeTtp & "/" & moid_Vt15Ttp & "/" & moid_T1Ttp or NODEB_T1Ttp.nedn_SubNetwork & "/" & nedn_MeContext & "/" & moid_Equipment & "/" & moid_Subrack & "/" & moid_Slot & "/" & moid_PlugInUnit & "/" & moid_ExchangeTerminal & "/" & moid_Os155PhysPathTerm & "/" & moid_Sts1SpeTtp & "/" & moid_Vt15Ttp & "/" & moid_T1Ttp or RXI_T1Ttp.nedn_SubNetwork & "/" & nedn_MeContext & "/" & moid_Equipment & "/" & moid_Subrack & "/" & moid_Slot & "/" & moid_PlugInUnit & "/" & moid_ExchangeTerminal & "/" & moid_Os155PhysPathTerm & "/" & moid_Sts1SpeTtp & "/" & moid_Vt15Ttp & "/" & moid_T1Ttp; RNC_T1Ttp.nedn_SubNetwork & "/" & moid_Equipment & "/" & moid_Subrack & "/" &	

				moid_Slot & "/" & moid_PlugInUnit & "/" & moid_ExchangeTerminal & "/" & & moid_Os155PhysPathTerm & "/" & moid_Sts1SpeTtp & "/" & moid_Vt15Ttp & "/" & moid_T1Ttp or NODEB_T1Ttp.nedn_SubNetwork & "/" & nedn_MeContext & "/" & moid_Equipment & "/" & moid_Subrack & "/" & moid_Slot & "/" & moid_PlugInUnit & "/" & moid_ExchangeTerminal & "/" & & moid_Os155PhysPathTerm & "/" & moid_Sts1SpeTtp & "/" & moid_Vt15Ttp & "/" & moid_T1Ttp or RXI_T1Ttp.nedn_SubNetwork & "/" & nedn_MeContext & "/" & moid_Equipment & "/" & moid_Subrack & "/" & moid_Slot & "/" & moid_PlugInUnit & "/" & moid_ExchangeTerminal & "/" & & moid_Os155PhysPathTerm & "/" & moid_Sts1SpeTtp & "/" & moid_Vt15Ttp & "/" & moid_T1Ttp
Relationship Attributes				
NodeB_Id	NodeB in a UTRAN network.	Y	Y	NODEB_T1Ttp.nedn_SubNetwork & "/" & nedn_MeContext; NODEB_T1Ttp.nedn_SubNetwork & "/" & nedn_MeContext
Plug_In_Unit_Id	Equipment Plug in Unit in a UTRAN network.	Y	Y	RNC_T1Ttp.nedn_SubNetwork & "/" & moid_Equipment & "/" & moid_Subrack & "/" & moid_Slot & "/" & moid_PlugInUnit or

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				<p>NODEB_T1Ttp.nedn_SubNetwork & "/" & nedn_MeContext & "/" & moid_Equipment & "/" & moid_Subrack & "/" & moid_Slot & "/" & moid_PlugInUnit or RXI_T1Ttp.nedn_SubNetwork & "/" & nedn_MeContext & "/" & moid_Equipment & "/" & moid_Subrack & "/" & moid_Slot & "/" & moid_PlugInUnit; RNC_T1Ttp.nedn_SubNetwork & "/" & moid_Equipment & "/" & moid_Subrack & "/" & moid_Slot & "/" & moid_PlugInUnit or NODEB_T1Ttp.nedn_SubNetwork & "/" & nedn_MeContext & "/" & moid_Equipment & "/" & moid_Subrack & "/" & moid_Slot & "/" & moid_PlugInUnit or RXI_T1Ttp.nedn_SubNetwork & "/" & nedn_MeContext & "/" & moid_Equipment & "/" & moid_Subrack & "/" & moid_Slot & "/" & moid_PlugInUnit</p>
RNC_Id	RNC in a UTRAN network.	Y	Y	<p>RNC_T1Ttp.nedn_SubNetwork or NODEB_T1Ttp.nedn_SubNetwork or RXI_T1Ttp.nedn_SubNetwork; RNC_T1Ttp.nedn_SubNetwork or NODEB_T1Ttp.nedn_SubNetwork or RXI_T1Ttp.nedn_SubNetwork</p>
OS155_Phys_Path_Term_Id	SDH Physical Path.	Y	Y	<p>RNC_T1Ttp.nedn_SubNetwork & "/" & moid_Equipment & "/" & moid_Subrack & "/" & moid_Slot & "/" & moid_PlugInUnit & "/" & moid_ExchangeTerminal & "/"</p>

			<p>& moid_Os155PhysPathTerm or NODEB_T1Ttp.nedn_SubNetwork & "/" & nedn_MeContext & "/" & moid_Equipment & "/" & moid_Subrack & "/" & moid_Slot & "/" & moid_PlugInUnit & "/" & moid_ExchangeTerminal & "/" & moid_Os155PhysPathTerm or RXI_T1Ttp.nedn_SubNetwork & "/" & nedn_MeContext & "/" & moid_Equipment & "/" & moid_Subrack & "/" & moid_Slot & "/" & moid_PlugInUnit & "/" & moid_ExchangeTerminal & "/" & moid_Os155PhysPathTerm; RNC_T1Ttp.nedn_SubNetwork & "/" & moid_Equipment & "/" & moid_Subrack & "/" & moid_Slot & "/" & moid_PlugInUnit & "/" & moid_ExchangeTerminal & "/" & moid_Os155PhysPathTerm or NODEB_T1Ttp.nedn_SubNetwork & "/" & nedn_MeContext & "/" & moid_Equipment & "/" & moid_Subrack & "/" & moid_Slot & "/" & moid_PlugInUnit & "/" & moid_ExchangeTerminal & "/" & moid_Os155PhysPathTerm or RXI_T1Ttp.nedn_SubNetwork & "/" & nedn_MeContext & "/" & moid_Equipment & "/" & moid_Subrack & "/" & moid_Slot & "/" & moid_PlugInUnit & "/" & moid_ExchangeTerminal & "/" & moid_Os155PhysPathTerm</p>	
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Vt15Ttp	Vt15Ttp termination point.	Y	Y	RNC_T1Ttp.nedn_SubNetwork & "/" & moid_Equipment & "/" & moid_Subrack & "/" & moid_Slot & "/" & moid_PlugInUnit & "/" & moid_ExchangeTerminal & "/" & moid_Os155PhysPathTerm & "/" & moid_Sts1SpeTtp & "/" & moid_Vt15Ttp or NODEB_T1Ttp.nedn_SubNetwork & "/" & nedn_MeContext & "/" & moid_Equipment & "/" & moid_Subrack & "/" & moid_Slot & "/" & moid_PlugInUnit & "/" & moid_ExchangeTerminal & "/" & moid_Os155PhysPathTerm & "/" & moid_Sts1SpeTtp & "/" & moid_Vt15Ttp or RXI_T1Ttp.nedn_SubNetwork & "/" & nedn_MeContext & "/" & moid_Equipment & "/" & moid_Subrack & "/" & moid_Slot & "/" & moid_PlugInUnit & "/" & moid_ExchangeTerminal & "/" & moid_Os155PhysPathTerm & "/" & moid_Sts1SpeTtp & "/" & moid_Vt15Ttp; RNC_T1Ttp.nedn_SubNetwork & "/" & moid_Equipment & "/" & moid_Subrack & "/" & moid_Slot & "/" & moid_PlugInUnit & "/" & moid_ExchangeTerminal & "/" & moid_Os155PhysPathTerm & "/" & moid_Sts1SpeTtp & "/" & moid_Vt15Ttp or NODEB_T1Ttp.nedn_SubNetwork & "/" & nedn_MeContext & "/" & moid_Equipment & "/" & moid_Subrack & "/" & moid_Slot & "/" & moid_PlugInUnit & "/" & moid_ExchangeTerminal & "/" & moid_Os155PhysPathTerm &
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				"/" & moid_Sts1SpeTtp & "/" & moid_Vt15Ttp or RXI_T1Ttp.nedn_SubNetwork & "/" & nedn_MeContext & "/" & moid_Equipment & "/" & moid_Subrack & "/" & moid_Slot & "/" & moid_PlugInUnit & "/" & moid_ExchangeTerminal & "/" & moid_Os155PhysPathTerm & "/" & moid_Sts1SpeTtp & "/" & moid_Vt15Ttp
Sts1SpeTtp	Sts1SpeTtp termination point.	Y	Y	RNC_T1Ttp.nedn_SubNetwork & "/" & moid_Equipment & "/" & moid_Subrack & "/" & moid_Slot & "/" & moid_PlugInUnit & "/" & moid_ExchangeTerminal & "/" & moid_Os155PhysPathTerm & "/" & RNC_Channelised_SDH_Link or NODEB_T1Ttp.nedn_SubNetwork & "/" & nedn_MeContext & "/" & moid_Equipment & "/" & moid_Subrack & "/" & moid_Slot & "/" & moid_PlugInUnit & "/" & moid_ExchangeTerminal & "/" & moid_Os155PhysPathTerm & "/" & moid_Sts1SpeTtp or RXI_T1Ttp.nedn_SubNetwork & "/" & nedn_MeContext & "/" & moid_Equipment & "/" & moid_Subrack & "/" & moid_Slot & "/" & moid_PlugInUnit & "/" & moid_ExchangeTerminal & "/" & moid_Os155PhysPathTerm & "/" & moid_Sts1SpeTtp;

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				RNC_T1Ttp.nedn_SubNetwork & "/" & moid_Equipment & "/" & moid_Subrack & "/" & moid_Slot & "/" & moid_PlugInUnit & "/" & moid_ExchangeTerminal & "/" & moid_Os155PhysPathTerm & "/" & RNC_Channelised_SDH_Link or NODEB_T1Ttp.nedn_SubNetw ork & "/" & nedn_MeContext & "/" & moid_Equipment & "/" & moid_Subrack & "/" & moid_Slot & "/" & moid_PlugInUnit & "/" & moid_ExchangeTerminal & "/" & moid_Os155PhysPathTerm & "/" & moid_Sts1SpeTtp or RXI_T1Ttp.nedn_SubNetwork & "/" & nedn_MeContext & "/" & moid_Equipment & "/" & moid_Subrack & "/" & moid_Slot & "/" & moid_PlugInUnit & "/" & moid_ExchangeTerminal & "/" & moid_Os155PhysPathTerm & "/" & moid_Sts1SpeTtp
Network_Id	Network associated with the T1Ttp.	Y	Y	lookup("nc_bsc","network_id",u time(StartDate & StartTime,"%d %b %Y %R"), RNC_T1Ttp.nedn_SubNetwork) or lookup("nc_bsc","network_id",u time(StartDate & StartTime,"%d %b %Y %R"), NODEB_T1Ttp.nedn_SubNetw ork) or lookup("nc_bsc","network_id",u time(StartDate & StartTime,"%d %b %Y %R"), RXI_T1Ttp.nedn_SubNetwork); lookup("nc_bsc","network_id",u time(StartDate & StartTime,"%d %b %Y %R"),

				RNC_T1Ttp.nedn_SubNetwork) or lookup("nc_bsc","network_id",u time(StartDate & StartTime,"%d %b %Y %R"), NODEB_T1Ttp.nedn_SubNetw ork) or lookup("nc_bsc","network_id",u time(StartDate & StartTime,"%d %b %Y %R"), RXI_T1Ttp.nedn_SubNetwork)
Region_Id	Region associated with the T1Ttp.	Y	Y	lookup("nc_bsc","region_id",uti me(StartDate & StartTime,"%d %b %Y %R"), RNC_T1Ttp.nedn_SubNetwork) or lookup("nc_bsc","region_id",uti me(StartDate & StartTime,"%d %b %Y %R"), NODEB_T1Ttp.nedn_SubNetw ork) or lookup("nc_bsc","region_id",uti me(StartDate & StartTime,"%d %b %Y %R"), RXI_T1Ttp.nedn_SubNetwork); lookup("nc_bsc","region_id",uti me(StartDate & StartTime,"%d %b %Y %R"), RNC_T1Ttp.nedn_SubNetwork) or lookup("nc_bsc","region_id",uti me(StartDate & StartTime,"%d %b %Y %R"), NODEB_T1Ttp.nedn_SubNetw ork) or lookup("nc_bsc","region_id",uti me(StartDate & StartTime,"%d %b %Y %R"), RXI_T1Ttp.nedn_SubNetwork)
Configuration Attributes				

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T1Ttp_Name	A user friendly name preferably unique for the T1Ttp.		RNC_T1Ttp.nedn_SubNetwork & "/" & moid_Equipment & "/" & moid_Subrack & "/" & moid_Slot & "/" & moid_PlugInUnit & "/" & moid_ExchangeTerminal & "/" & moid_Os155PhysPathTerm & "/" & moid_Sts1SpeTtp & "/" & moid_Vt15Ttp & "/" & moid_T1Ttp or NODEB_T1Ttp.nedn_SubNetwork & "/" & nedn_MeContext & "/" & moid_Equipment & "/" & moid_Subrack & "/" & moid_Slot & "/" & moid_PlugInUnit & "/" & moid_ExchangeTerminal & "/" & moid_Os155PhysPathTerm & "/" & moid_Sts1SpeTtp & "/" & moid_Vt15Ttp & "/" & moid_T1Ttp or RXI_T1Ttp.nedn_SubNetwork & "/" & nedn_MeContext & "/" & moid_Equipment & "/" & moid_Subrack & "/" & moid_Slot & "/" & moid_PlugInUnit & "/" & moid_ExchangeTerminal & "/" & moid_Os155PhysPathTerm & "/" & moid_Sts1SpeTtp & "/" & moid_Vt15Ttp & "/" & moid_T1Ttp; RNC_T1Ttp.nedn_SubNetwork & "/" & moid_Equipment & "/" & moid_Subrack & "/" & moid_Slot & "/" & moid_PlugInUnit & "/" & moid_ExchangeTerminal & "/" & moid_Os155PhysPathTerm & "/" & moid_Sts1SpeTtp & "/" & moid_Vt15Ttp & "/" & moid_T1Ttp or NODEB_T1Ttp.nedn_SubNetwork & "/" & nedn_MeContext & "/" & moid_Equipment & "/" & moid_Subrack & "/" &	
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				moid_Slot & "/" & moid_PlugInUnit & "/" & moid_ExchangeTerminal & "/" & & moid_Os155PhysPathTerm & "/" & moid_Sts1SpeTtp & "/" & moid_Vt15Ttp & "/" & moid_T1Ttp or RXI_T1Ttp.nedn_SubNetwork & "/" & nedn_MeContext & "/" & & moid_Equipment & "/" & moid_Subrack & "/" & moid_Slot & "/" & moid_PlugInUnit & "/" & moid_ExchangeTerminal & "/" & & moid_Os155PhysPathTerm & "/" & moid_Sts1SpeTtp & "/" & moid_Vt15Ttp & "/" & moid_T1Ttp	
Technology	Technology of the network/element (e.g. GSM, GPRS, UMTS).			RNC_T1Ttp."UMTS" or NODEB_T1Ttp."UMTS" or RXI_T1Ttp."UMTS"; RNC_T1Ttp."UMTS" or NODEB_T1Ttp."UMTS" or RXI_T1Ttp."UMTS"	
Version	Hardware/Software version of the T1Ttp.			RNC_T1Ttp."P7.1" or NODEB_T1Ttp."P7.1" or RXI_T1Ttp."P7.1"; RNC_T1Ttp."P7.1" or NODEB_T1Ttp."P7.1" or RXI_T1Ttp."P7.1"	
Node_Type	Type of Node.			RNC_T1Ttp."RNC" or NODEB_T1Ttp."NodeB" or RXI_T1Ttp."RXI" ; RNC_T1Ttp."RNC" or NODEB_T1Ttp."NodeB" or RXI_T1Ttp."RXI"	
Node_Id	The unique identifier for the node this object is			No mapping; No mapping	

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	connected to.				
Node_Name	A user friendly name for this node the object is connected to.			No mapping; No mapping	

5.89 Uni_SAAL_Tp details

In the network hierarchy, the immediate parents of the Uni_SAAL_Tp object are: NodeB and RNC.

Attribute Name	Description	Read - Only ?	Time-Track ed?	Mapping	Aggrega tor
Primary Identifier					
Uni_SAAL_Tp_Id	A unique identifier for the UNI SAAL Signalling in a UTRAN network.	Y		RNC_UniSAalTp_Signaling.nedn_SubNetwork & "/" & moid_UniSaalTp or NODEB_UniSAalTp_Signaling.nedn_SubNetwork & "/" & nedn_MeContext & "/" & moid_UniSaalTp or RXI_UniSAalTp_Signaling.nedn_SubNetwork & "/" & nedn_MeContext & "/" & moid_UniSaalTp; RNC_UniSAalTp_Signaling.nedn_SubNetwork & "/" & moid_UniSaalTp or NODEB_UniSAalTp_Signaling.nedn_SubNetwork & "/" & nedn_MeContext & "/" & moid_UniSaalTp or RXI_UniSAalTp_Signaling.nedn_SubNetwork & "/" & nedn_MeContext & "/" & moid_UniSaalTp	
Relationship Attributes					
Network_Id	Network associated with the UNI SAAL TP.	Y	Y	lookup("nc_bsc","network_id", utime(StartDate & StartTime,"%d %b %Y %R"), RNC_UniSAalTp_Signaling.ne	

				dn_SubNetwork) or lookup("nc_bsc","network_id", utime(StartDate & StartTime,"%d %b %Y %R"), NODEB_UniSAalTp_Signaling .nedn_SubNetwork) or lookup("nc_bsc","network_id", utime(StartDate & StartTime,"%d %b %Y %R"), RXI_UniSAalTp_Signaling.ned n_SubNetwork); lookup("nc_bsc","network_id", utime(StartDate & StartTime,"%d %b %Y %R"), RNC_UniSAalTp_Signaling.ne dn_SubNetwork) or lookup("nc_bsc","network_id", utime(StartDate & StartTime,"%d %b %Y %R"), NODEB_UniSAalTp_Signaling .nedn_SubNetwork) or lookup("nc_bsc","network_id", utime(StartDate & StartTime,"%d %b %Y %R"), RXI_UniSAalTp_Signaling.ned n_SubNetwork)
NodeB_Id	NodeB in a UTRAN network.	Y	Y	NODEB_UniSAalTp_Signaling .nedn_SubNetwork & "/" & nedn_MeContext; NODEB_UniSAalTp_Signaling .nedn_SubNetwork & "/" & nedn_MeContext
RNC_Id	RNC in a UTRAN network.	Y	Y	RNC_UniSAalTp_Signaling.ne dn_SubNetwork or NODEB_UniSAalTp_Signaling .nedn_SubNetwork or RXI_UniSAalTp_Signaling.ned n_SubNetwork; RNC_UniSAalTp_Signaling.ne dn_SubNetwork or

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				NODEB_UniSAalTp_Signaling.nedn_SubNetwork or RXI_UniSAalTp_Signaling.nedn_SubNetwork	
Region_Id	Region associated with the UNI SAAL TP.	Y	Y	lookup("nc_bsc","region_id",time(StartDate & StartTime,"%d %b %Y %R"),RNC_UniSAalTp_Signaling.nedn_SubNetwork) or lookup("nc_bsc","region_id",time(StartDate & StartTime,"%d %b %Y %R"),NODEB_UniSAalTp_Signaling.nedn_SubNetwork) or lookup("nc_bsc","region_id",time(StartDate & StartTime,"%d %b %Y %R"),RXI_UniSAalTp_Signaling.nedn_SubNetwork); lookup("nc_bsc","region_id",time(StartDate & StartTime,"%d %b %Y %R"),RNC_UniSAalTp_Signaling.nedn_SubNetwork) or lookup("nc_bsc","region_id",time(StartDate & StartTime,"%d %b %Y %R"),NODEB_UniSAalTp_Signaling.nedn_SubNetwork) or lookup("nc_bsc","region_id",time(StartDate & StartTime,"%d %b %Y %R"),RXI_UniSAalTp_Signaling.nedn_SubNetwork)	
Configuration Attributes					
Uni_SAAL_Tp_Name	A user friendly name preferably unique for UNI SAAL Tp.			RNC_UniSAalTp_Signaling.nedn_SubNetwork & "/" & moid_UniSaalTp or NODEB_UniSAalTp_Signaling.nedn_SubNetwork & "/" & nedn_MeContext & "/" & moid_UniSaalTp or RXI_UniSAalTp_Signaling.nedn_SubNetwork & "/" &	

				nedn_MeContext & "/" & moid_UniSaalTp; RNC_UniSaalTp_Signaling.nedn_SubNetwork & "/" & moid_UniSaalTp or NODEB_UniSaalTp_Signaling.nedn_SubNetwork & "/" & nedn_MeContext & "/" & moid_UniSaalTp or RXI_UniSaalTp_Signaling.nedn_SubNetwork & "/" & nedn_MeContext & "/" & moid_UniSaalTp
Technology	Technology of the network/element (e.g. GSM, GPRS, UMTS).			RNC_UniSaalTp_Signaling."UMTS" or NODEB_UniSaalTp_Signaling."UMTS" or RXI_UniSaalTp_Signaling."UMTS"; RNC_UniSaalTp_Signaling."UMTS" or NODEB_UniSaalTp_Signaling."UMTS" or RXI_UniSaalTp_Signaling."UMTS"
Version	Hardware/Software version of the UNI SAAL TP.			RNC_UniSaalTp_Signaling."P7.1" or NODEB_UniSaalTp_Signaling."P7.1" or RXI_UniSaalTp_Signaling."P7.1"; RNC_UniSaalTp_Signaling."P7.1" or NODEB_UniSaalTp_Signaling."P7.1" or RXI_UniSaalTp_Signaling."P7.1"
Node_Type	Type of Node.			RNC_UniSaalTp_Signaling."RNC" or

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				NODEB_UniSAalTp_Signaling ."NodeB" or RXI_UniSAalTp_Signaling."R XI"; RNC_UniSAalTp_Signaling."R NC" or NODEB_UniSAalTp_Signaling ."NodeB" or RXI_UniSAalTp_Signaling."R XI"	
Node_Id	The unique identifier for the node this object is connected to.			No mapping; No mapping	
Node_Name	A user friendly name for this node the object is connected to.			No mapping; No mapping	

5.90 UpLink_Baseband_Pool details

In the network hierarchy, the immediate parent of the UpLink_Baseband_Pool object is NodeB.

Attribute Name	Description	Read - Only ?	Time-Track ed?	Mapping	Aggrega tor
Primary Identifier					
UplinkBB_Pool_Id	A unique identifier for the Uplink BaseBand Pool.	Y		NodeB_ULBasebandPool.nedn_ SubNetwork & "/" & nedn_MeContext & "/" & moid_Equipment & "/" & moid_Subrack & "/" & moid_UplinkBaseBandPool; NodeB_ULBasebandPool.nedn_ SubNetwork & "/" & nedn_MeContext & "/" & moid_Equipment & "/" & moid_Subrack & "/" & moid_UplinkBaseBandPool	
Relationship Attributes					
RNC_Id	The RNC associated to the NodeB which houses the Uplink Baseband	Y	Y	NodeB_ULBasebandPool.nedn_ SubNetwork; NodeB_ULBasebandPool.nedn_	

	Pool hardware.			SubNetwork	
NodeB_Id	The associated NodeB which houses the Uplink Baseband Pool hardware.	Y	Y	NodeB_ULBasebandPool.nedn_SubNetwork & "/" & nedn_MeContext; NodeB_ULBasebandPool.nedn_SubNetwork & "/" & nedn_MeContext	
Network_Id	The network associated with the object.	Y	Y	lookup("nc_bsc","network_id",u time(StartDate & StartTime,"%d %b %Y %R"), nedn_SubNetwork); lookup("nc_bsc","network_id",u time(StartDate & StartTime,"%d %b %Y %R"), nedn_SubNetwork)	
Region_Id	Region associated with the Uplink Baseband Pool.	Y	Y	lookup("nc_bsc","region_id",uti me(StartDate & StartTime,"%d %b %Y %R"), nedn_SubNetwork); lookup("nc_bsc","region_id",uti me(StartDate & StartTime,"%d %b %Y %R"), nedn_SubNetwork)	
Configuration Attributes					
UplinkBB_Pool_Name	A user friendly name preferably unique for the Uplink BaseBand Pool.			NodeB_ULBasebandPool.nedn_SubNetwork & "/" & nedn_MeContext & "/" & moid_Equipment & "/" & moid_Subrack & "/" & moid_UplinkBaseBandPool; NodeB_ULBasebandPool.nedn_SubNetwork & "/" & nedn_MeContext & "/" & moid_Equipment & "/" & moid_Subrack & "/" & moid_UplinkBaseBandPool	
Technology	Technology of the			"UMTS"; "UMTS"	

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	network/element (e.g. GSM, GPRS, UMTS).				
Version	Hardware/Software version of the Uplink Baseband Pool.			"P7.1"; "P7.1"	
CE_License	License associated with the Uplink Baseband Pool			No mapping; No mapping	

5.91 URA details

In the network hierarchy, the immediate parent of the URA object is RNC.

Attribute Name	Description	Read - Only ?	Time-Track ed?	Mapping	Aggrega tor
Primary Identifier					
URA_Id	A unique identifier for the URA.	Y		ME_RNC_URA.nedn_SubNetwork & "/" & moid_URA; ME_RNC_URA.nedn_SubNetwork & "/" & moid_URA	
Relationship Attributes					
Network_Id	Network associated with the URA.	Y	Y	lookup("nc_bsc","network_id", utime(StartDate & StartTime,"%d %b %Y %R"), nedn_SubNetwork); lookup("nc_bsc","network_id", utime(StartDate & StartTime,"%d %b %Y %R"), nedn_SubNetwork)	
Region_Id	Region associated with the URA.	Y	Y	lookup("nc_bsc","region_id", utime(StartDate & StartTime,"%d %b %Y %R"), nedn_SubNetwork); lookup("nc_bsc","region_id", utime(StartDate & StartTime,"%d %b %Y %R"), nedn_SubNetwork)	
RNC_Id	RNC in a UTRAN	Y	Y	ME_RNC_URA.nedn_SubNet	

	network.			work; ME_RNC_URA.nedn_SubNet work	
Configuration Attributes					
URA_Name	A user friendly name preferably unique for URA.			ME_RNC_URA.nedn_SubNet work & "/" & moid_URA; ME_RNC_URA.nedn_SubNet work & "/" & moid_URA	
Version	Hardware/Software version of the URA.			"P7.1"; "P7.1"	
Technology	Technology of the network/element (e.g. GSM, GPRS, UMTS).			"UMTS"; "UMTS"	

5.92 VC12_TP details

In the network hierarchy, the immediate parent of the VC12_TP object is VC4_TP.

Attribute Name	Description	Read - Only ?	Time-Track ed?	Mapping	Aggrega tor
Primary Identifier					
VC12_TP_Id	A unique identifier for the SDH VC12 termination point.	Y		RNC_VC12.nedn_SubNetwork & "/" & moid_Equipment & "/" & moid_Subrack & "/" & moid_Slot & "/" & moid_PlugInUnit & "/" & moid_ExchangeTerminal & "/" & moid_Os155PhysPathTerm & "/" & moid_Vc4Ttp & "/" & moid_Vc12Ttp or NODEB_VC12.nedn_SubNetwork & "/" & nedn_MeContext & "/" & moid_Equipment & "/" & moid_Subrack & "/" & moid_Slot & "/" &	

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moid_PlugInUnit & "/" &
 moid_ExchangeTerminal & "/"
 & moid_Os155PhysPathTerm &
 "/" & moid_Vc4Ttp & "/" &
 moid_Vc12Ttp or
 RXI_VC12.nedn_SubNetwork
 & "/" & nedn_MeContext & "/"
 & moid_Equipment & "/" &
 moid_Subrack & "/" &
 moid_Slot & "/" &
 moid_PlugInUnit & "/" &
 moid_ExchangeTerminal & "/"
 & moid_Os155PhysPathTerm &
 "/" & moid_Vc4Ttp & "/" &
 moid_Vc12Ttp;
 RNC_VC12.nedn_SubNetwork
 & "/" & moid_Equipment & "/"
 & moid_Subrack & "/" &
 moid_Slot & "/" &
 moid_PlugInUnit & "/" &
 moid_ExchangeTerminal & "/"
 & moid_Os155PhysPathTerm &
 "/" & moid_Vc4Ttp & "/" &
 moid_Vc12Ttp or
 NODEB_VC12.nedn_SubNetw
 ork & "/" & nedn_MeContext &
 "/" & moid_Equipment & "/" &
 moid_Subrack & "/" &
 moid_Slot & "/" &
 moid_PlugInUnit & "/" &
 moid_ExchangeTerminal & "/"
 & moid_Os155PhysPathTerm &
 "/" & moid_Vc4Ttp & "/" &
 moid_Vc12Ttp or
 RXI_VC12.nedn_SubNetwork
 & "/" & nedn_MeContext & "/"
 & moid_Equipment & "/" &
 moid_Subrack & "/" &
 moid_Slot & "/" &
 moid_PlugInUnit & "/" &
 moid_ExchangeTerminal & "/"
 & moid_Os155PhysPathTerm &
 "/" & moid_Vc4Ttp & "/" &
 moid_Vc12Ttp

Relationship Attributes

NodeB_Id	NodeB in a UTRAN network.	Y	Y	NODEB_VC12.nedn_SubNetwork & "/" & nedn_MeContext; NODEB_VC12.nedn_SubNetwork & "/" & nedn_MeContext
Plug_In_Unit_Id	Equipment Plug in Unit in a UTRAN network.	Y	Y	RNC_VC12.nedn_SubNetwork & "/" & moid_Equipment & "/" & moid_Subrack & "/" & moid_Slot & "/" & moid_PlugInUnit or NODEB_VC12.nedn_SubNetwork & "/" & nedn_MeContext & "/" & moid_Equipment & "/" & moid_Subrack & "/" & moid_Slot & "/" & moid_PlugInUnit or RXI_VC12.nedn_SubNetwork & "/" & nedn_MeContext & "/" & moid_Equipment & "/" & moid_Subrack & "/" & moid_Slot & "/" & moid_PlugInUnit; RNC_VC12.nedn_SubNetwork & "/" & moid_Equipment & "/" & moid_Subrack & "/" & moid_Slot & "/" & moid_PlugInUnit or NODEB_VC12.nedn_SubNetwork & "/" & nedn_MeContext & "/" & moid_Equipment & "/" & moid_Subrack & "/" & moid_Slot & "/" & moid_PlugInUnit or RXI_VC12.nedn_SubNetwork & "/" & nedn_MeContext & "/" & moid_Equipment & "/" & moid_Subrack & "/" & moid_Slot & "/" & moid_PlugInUnit
RNC_Id	RNC in a UTRAN network.	Y	Y	RNC_VC12.nedn_SubNetwork or

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				NODEB_VC12.nedn_SubNetwork or RXI_VC12.nedn_SubNetwork; RNC_VC12.nedn_SubNetwork or NODEB_VC12.nedn_SubNetwork or RXI_VC12.nedn_SubNetwork
OS155_Phys_Path_Term_Id	155 Mbit/s physical path.	Y	Y	RNC_VC12.nedn_SubNetwork & "/" & moid_Equipment & "/" & moid_Subrack & "/" & moid_Slot & "/" & moid_PlugInUnit & "/" & moid_ExchangeTerminal & "/" & moid_Os155PhysPathTerm or NODEB_VC12.nedn_SubNetwork & "/" & nedn_MeContext & "/" & moid_Equipment & "/" & moid_Subrack & "/" & moid_Slot & "/" & moid_PlugInUnit & "/" & moid_ExchangeTerminal & "/" & moid_Os155PhysPathTerm or RXI_VC12.nedn_SubNetwork & "/" & nedn_MeContext & "/" & moid_Equipment & "/" & moid_Subrack & "/" & moid_Slot & "/" & moid_PlugInUnit & "/" & moid_ExchangeTerminal & "/" & moid_Os155PhysPathTerm; RNC_VC12.nedn_SubNetwork & "/" & moid_Equipment & "/" & moid_Subrack & "/" & moid_Slot & "/" & moid_PlugInUnit & "/" & moid_ExchangeTerminal & "/" & moid_Os155PhysPathTerm or NODEB_VC12.nedn_SubNetwork & "/" & nedn_MeContext & "/" & moid_Equipment & "/" & moid_Subrack & "/" & moid_Slot & "/" & moid_PlugInUnit & "/" & moid_ExchangeTerminal & "/"

				& moid_Os155PhysPathTerm or RXI_VC12.nedn_SubNetwork & "/" & nedn_MeContext & "/" & moid_Equipment & "/" & moid_Subrack & "/" & moid_Slot & "/" & moid_PlugInUnit & "/" & moid_ExchangeTerminal & "/" & moid_Os155PhysPathTerm
VC4_TP_Id	SDH VC12 termination point.	Y	Y	RNC_VC12.nedn_SubNetwork & "/" & moid_Equipment & "/" & moid_Subrack & "/" & moid_Slot & "/" & moid_PlugInUnit & "/" & moid_ExchangeTerminal & "/" & moid_Os155PhysPathTerm & "/" & moid_Vc12Ttp or NODEB_VC12.nedn_SubNetwork & "/" & nedn_MeContext & "/" & moid_Equipment & "/" & moid_Subrack & "/" & moid_Slot & "/" & moid_PlugInUnit & "/" & moid_ExchangeTerminal & "/" & moid_Os155PhysPathTerm & "/" & moid_Vc4Ttp or RXI_VC12.nedn_SubNetwork & "/" & nedn_MeContext & "/" & moid_Equipment & "/" & moid_Subrack & "/" & moid_Slot & "/" & moid_PlugInUnit & "/" & moid_ExchangeTerminal & "/" & moid_Os155PhysPathTerm & "/" & moid_Vc4Ttp; RNC_VC12.nedn_SubNetwork & "/" & moid_Equipment & "/" & moid_Subrack & "/" & moid_Slot & "/" & moid_PlugInUnit & "/" &

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				<p>moid_ExchangeTerminal & "/" & moid_Os155PhysPathTerm & "/" & moid_Vc12Ttp or NODEB_VC12.nedn_SubNetwork & "/" & nedn_MeContext & "/" & moid_Equipment & "/" & moid_Subrack & "/" & moid_Slot & "/" & moid_PlugInUnit & "/" & moid_ExchangeTerminal & "/" & moid_Os155PhysPathTerm & "/" & moid_Vc4Ttp or RXI_VC12.nedn_SubNetwork & "/" & nedn_MeContext & "/" & moid_Equipment & "/" & moid_Subrack & "/" & moid_Slot & "/" & moid_PlugInUnit & "/" & moid_ExchangeTerminal & "/" & moid_Os155PhysPathTerm & "/" & moid_Vc4Ttp</p>
Network_Id	Network associated with the VC12 TP.	Y	Y	<p>lookup("nc_bsc","network_id",u time(StartDate & StartTime,"%d %b %Y %R"), RNC_VC12.nedn_SubNetwork) or lookup("nc_bsc","network_id",u time(StartDate & StartTime,"%d %b %Y %R"), NODEB_VC12.nedn_SubNetwork) or lookup("nc_bsc","network_id",u time(StartDate & StartTime,"%d %b %Y %R"), RXI_VC12.nedn_SubNetwork); lookup("nc_bsc","network_id",u time(StartDate & StartTime,"%d %b %Y %R"), RNC_VC12.nedn_SubNetwork) or lookup("nc_bsc","network_id",u time(StartDate & StartTime,"%d %b %Y %R"), NODEB_VC12.nedn_SubNetwork) or</p>

				lookup("nc_bsc","network_id",utime(StartDate & StartTime,"%d %b %Y %R"),RXI_VC12.nedn_SubNetwork)	
Region_Id	Region associated with the VC12 TP.	Y	Y	lookup("nc_bsc","region_id",utime(StartDate & StartTime,"%d %b %Y %R"),RNC_VC12.nedn_SubNetwork) or lookup("nc_bsc","region_id",utime(StartDate & StartTime,"%d %b %Y %R"),NODEB_VC12.nedn_SubNetwork) or lookup("nc_bsc","region_id",utime(StartDate & StartTime,"%d %b %Y %R"),RXI_VC12.nedn_SubNetwork); lookup("nc_bsc","region_id",utime(StartDate & StartTime,"%d %b %Y %R"),RNC_VC12.nedn_SubNetwork) or lookup("nc_bsc","region_id",utime(StartDate & StartTime,"%d %b %Y %R"),NODEB_VC12.nedn_SubNetwork) or lookup("nc_bsc","region_id",utime(StartDate & StartTime,"%d %b %Y %R"),RXI_VC12.nedn_SubNetwork)	
Configuration Attributes					
VC12_TP_Name	A user friendly name preferably unique for the VC12.			RNC_VC12.nedn_SubNetwork & "/" & moid_Equipment & "/" & moid_Subrack & "/" & moid_Slot & "/" & moid_PlugInUnit & "/" & moid_ExchangeTerminal & "/"	

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& moid_Os155PhysPathTerm & "/" & Moid_Vc4Ttp & "/" & moid_Vc12Ttp or
NODEB_VC12.nedn_SubNetwork & "/" & nedn_MeContext & "/" & moid_Equipment & "/" & moid_Subrack & "/" & moid_Slot & "/" & moid_PlugInUnit & "/" & moid_ExchangeTerminal & "/" & moid_Os155PhysPathTerm & "/" & Moid_Vc4Ttp & "/" & moid_Vc12Ttp or
RXI_VC12.nedn_SubNetwork & "/" & nedn_MeContext & "/" & moid_Equipment & "/" & moid_Subrack & "/" & moid_Slot & "/" & moid_PlugInUnit & "/" & moid_ExchangeTerminal & "/" & moid_Os155PhysPathTerm & "/" & Moid_Vc4Ttp & "/" & moid_Vc12Ttp;
RNC_VC12.nedn_SubNetwork & "/" & moid_Equipment & "/" & moid_Subrack & "/" & moid_Slot & "/" & moid_PlugInUnit & "/" & moid_ExchangeTerminal & "/" & moid_Os155PhysPathTerm & "/" & Moid_Vc4Ttp & "/" & moid_Vc12Ttp or
NODEB_VC12.nedn_SubNetwork & "/" & nedn_MeContext & "/" & moid_Equipment & "/" & moid_Subrack & "/" & moid_Slot & "/" & moid_PlugInUnit & "/" & moid_ExchangeTerminal & "/" & moid_Os155PhysPathTerm & "/" & Moid_Vc4Ttp & "/" & moid_Vc12Ttp or
RXI_VC12.nedn_SubNetwork & "/" & nedn_MeContext & "/" & moid_Equipment & "/" & moid_Subrack & "/" &

				moid_Slot & "/" & moid_PlugInUnit & "/" & moid_ExchangeTerminal & "/" & & moid_Os155PhysPathTerm & "/" & moid_Vc4Ttp & "/" & moid_Vc12Ttp	
Technology	Technology of the network/element (e.g. GSM, GPRS, UMTS).			RNC_VC12."UMTS" or NODEB_VC12."UMTS" or RXI_VC12."UMTS"; RNC_VC12."UMTS" or NODEB_VC12."UMTS" or RXI_VC12."UMTS"	
Version	Hardware/Software version of the VC12 TP.			RNC_VC12."P7.1" or NODEB_VC12."P7.1" or RXI_VC12."P7.1"; RNC_VC12."P7.1" or NODEB_VC12."P7.1" or RXI_VC12."P7.1"	
Node_Type	Type of Node.			RNC_VC12."RNC" or NODEB_VC12."NodeB" or RXI_VC12."RXI" ; RNC_VC12."RNC" or NODEB_VC12."NodeB" or RXI_VC12."RXI"	
Node_Id	The unique identifier for the node this object is connected to.			No mapping; No mapping	
Node_Name	A user friendly name for this node the object is connected to.			No mapping; No mapping	

5.93 VC4_TP details

In the network hierarchy, the immediate parent of the VC4_TP object is OS155_Phys_Path_Term.

Attribute Name	Description	Read -	Time-Track	Mapping	Aggregator
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		Only ?	ed?		
Primary Identifier					
VC4_TP_Id	A unique identifier for the SDH VC4 termination point.	Y		RNC_VC4.nedn_SubNetwork & "/" & moid_Equipment & "/" & moid_Subrack & "/" & moid_Slot & "/" & moid_PlugInUnit & "/" & moid_ExchangeTerminal & "/" & moid_Os155SpiTtp & "/" & moid_Vc4Ttp or NODEB_VC4.nedn_SubNetwork & "/" & nedn_MeContext & "/" & moid_Equipment & "/" & moid_Subrack & "/" & moid_Slot & "/" & moid_PlugInUnit & "/" & moid_ExchangeTerminal & "/" & moid_Os155SpiTtp & "/" & moid_Vc4Ttp or RXI_VC4.nedn_SubNetwork & "/" & nedn_MeContext & "/" & moid_Equipment & "/" & moid_Subrack & "/" & moid_Slot & "/" & moid_PlugInUnit & "/" & moid_ExchangeTerminal & "/" & moid_Os155SpiTtp & "/" & moid_Vc4Ttp; RNC_VC4.nedn_SubNetwork & "/" & moid_Equipment & "/" & moid_Subrack & "/" & moid_Slot & "/" & moid_PlugInUnit & "/" & moid_ExchangeTerminal & "/" & moid_Os155SpiTtp & "/" & moid_Vc4Ttp or NODEB_VC4.nedn_SubNetwork & "/" & nedn_MeContext & "/" & moid_Equipment & "/" & moid_Subrack & "/" & moid_Slot & "/" & moid_PlugInUnit & "/" & moid_ExchangeTerminal & "/" & moid_Os155SpiTtp & "/" &	

				moid_Vc4Ttp or RXI_VC4.nedn_SubNetwork & "/" & nedn_MeContext & "/" & moid_Equipment & "/" & moid_Subrack & "/" & moid_Slot & "/" & moid_PlugInUnit & "/" & moid_ExchangeTerminal & "/" & moid_Os155SpiTtp & "/" & moid_Vc4Ttp
Relationship Attributes				
NodeB_Id	NodeB in a UTRAN network.	Y	Y	NODEB_VC4.nedn_SubNetwork & "/" & nedn_MeContext; NODEB_VC4.nedn_SubNetwork & "/" & nedn_MeContext
Plug_In_Unit_Id	Equipment Plug in Unit in a UTRAN network.	Y	Y	RNC_VC4.nedn_SubNetwork & "/" & moid_Equipment & "/" & moid_Subrack & "/" & moid_Slot & "/" & moid_PlugInUnit or NODEB_VC4.nedn_SubNetwork & "/" & nedn_MeContext & "/" & moid_Equipment & "/" & moid_Subrack & "/" & moid_Slot & "/" & moid_PlugInUnit or RXI_VC4.nedn_SubNetwork & "/" & nedn_MeContext & "/" & moid_Equipment & "/" & moid_Subrack & "/" & moid_Slot & "/" & moid_PlugInUnit; RNC_VC4.nedn_SubNetwork & "/" & moid_Equipment & "/" & moid_Subrack & "/" & moid_Slot & "/" & moid_PlugInUnit or NODEB_VC4.nedn_SubNetwork & "/" & nedn_MeContext &

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				"/" & moid_Equipment & "/" & moid_Subrack & "/" & moid_Slot & "/" & moid_PlugInUnit or RXI_VC4.nedn_SubNetwork & "/" & nedn_MeContext & "/" & moid_Equipment & "/" & moid_Subrack & "/" & moid_Slot & "/" & moid_PlugInUnit	
RNC_Id	RNC in a UTRAN network.	Y	Y	RNC_VC4.nedn_SubNetwork or NODEB_VC4.nedn_SubNetwork or RXI_VC4.nedn_SubNetwork; RNC_VC4.nedn_SubNetwork or NODEB_VC4.nedn_SubNetwork or RXI_VC4.nedn_SubNetwork	
OS155_Phys_Path_Term_Id	155 Mbit/s physical path.	Y	Y	RNC_VC4.nedn_SubNetwork & "/" & moid_Equipment & "/" & moid_Subrack & "/" & moid_Slot & "/" & moid_PlugInUnit & "/" & moid_ExchangeTerminal & "/" & moid_Os155SpiTtp or NODEB_VC4.nedn_SubNetwork & "/" & nedn_MeContext & "/" & moid_Equipment & "/" & moid_Subrack & "/" & moid_Slot & "/" & moid_PlugInUnit & "/" & moid_ExchangeTerminal & "/" & moid_Os155SpiTtp or RXI_VC4.nedn_SubNetwork & "/" & nedn_MeContext & "/" & moid_Equipment & "/" & moid_Subrack & "/" & moid_Slot & "/" & moid_PlugInUnit & "/" & moid_ExchangeTerminal & "/" & moid_Os155SpiTtp; RNC_VC4.nedn_SubNetwork & "/" & moid_Equipment & "/"	

				& moid_Subrack & "/" & moid_Slot & "/" & moid_PlugInUnit & "/" & moid_ExchangeTerminal & "/" & & moid_Os155SpiTtp or NODEB_VC4.nedn_SubNetwor k & "/" & nedn_MeContext & "/" & moid_Equipment & "/" & moid_Subrack & "/" & moid_Slot & "/" & moid_PlugInUnit & "/" & moid_ExchangeTerminal & "/" & & moid_Os155SpiTtp or RXI_VC4.nedn_SubNetwork & "/" & nedn_MeContext & "/" & moid_Equipment & "/" & moid_Subrack & "/" & moid_Slot & "/" & moid_PlugInUnit & "/" & moid_ExchangeTerminal & "/" & & moid_Os155SpiTtp
Network_Id	Network associated with the VC4 TP.	Y	Y	lookup("nc_bsc","network_id",u time(StartDate & StartTime,"%d %b %Y %R"), RNC_VC4.nedn_SubNetwork) or lookup("nc_bsc","network_id",u time(StartDate & StartTime,"%d %b %Y %R"), NODEB_VC4.nedn_SubNetwor k) or lookup("nc_bsc","network_id",u time(StartDate & StartTime,"%d %b %Y %R"), RXI_VC4.nedn_SubNetwork); lookup("nc_bsc","network_id",u time(StartDate & StartTime,"%d %b %Y %R"), RNC_VC4.nedn_SubNetwork) or

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				lookup("nc_bsc","network_id",utime(StartDate & StartTime,"%d %b %Y %R"),NODEB_VC4.nedn_SubNetwork) or lookup("nc_bsc","network_id",utime(StartDate & StartTime,"%d %b %Y %R"),RXI_VC4.nedn_SubNetwork)	
Region_Id	Region associated with the VC4 Tp.	Y	Y	lookup("nc_bsc","region_id",utime(StartDate & StartTime,"%d %b %Y %R"),RNC_VC4.nedn_SubNetwork) or lookup("nc_bsc","region_id",utime(StartDate & StartTime,"%d %b %Y %R"),NODEB_VC4.nedn_SubNetwork) or lookup("nc_bsc","region_id",utime(StartDate & StartTime,"%d %b %Y %R"),RXI_VC4.nedn_SubNetwork); lookup("nc_bsc","region_id",utime(StartDate & StartTime,"%d %b %Y %R"),RNC_VC4.nedn_SubNetwork) or lookup("nc_bsc","region_id",utime(StartDate & StartTime,"%d %b %Y %R"),NODEB_VC4.nedn_SubNetwork) or lookup("nc_bsc","region_id",utime(StartDate & StartTime,"%d %b %Y %R"),RXI_VC4.nedn_SubNetwork)	
Configuration Attributes					
VC4_TP_Name	A user friendly name preferably unique for the VC4.			RNC_VC4.nedn_SubNetwork & "/" & moid_Equipment & "/" & moid_Subrack & "/" & moid_Slot & "/" & moid_PlugInUnit & "/" & moid_ExchangeTerminal & "/"	

			<p>& moid_Os155SpiTtp & "/" & moid_Vc4Ttp or NODEB_VC4.nedn_SubNetwork & "/" & nedn_MeContext & "/" & moid_Equipment & "/" & moid_Subrack & "/" & moid_Slot & "/" & moid_PlugInUnit & "/" & moid_ExchangeTerminal & "/" & moid_Os155SpiTtp & "/" & moid_Vc4Ttp or RXI_VC4.nedn_SubNetwork & "/" & nedn_MeContext & "/" & moid_Equipment & "/" & moid_Subrack & "/" & moid_Slot & "/" & moid_PlugInUnit & "/" & moid_ExchangeTerminal & "/" & moid_Os155SpiTtp & "/" & moid_Vc4Ttp; RNC_VC4.nedn_SubNetwork & "/" & moid_Equipment & "/" & moid_Subrack & "/" & moid_Slot & "/" & moid_PlugInUnit & "/" & moid_ExchangeTerminal & "/" & moid_Os155SpiTtp & "/" & moid_Vc4Ttp or NODEB_VC4.nedn_SubNetwork & "/" & nedn_MeContext & "/" & moid_Equipment & "/" & moid_Subrack & "/" & moid_Slot & "/" & moid_PlugInUnit & "/" & moid_ExchangeTerminal & "/" & moid_Os155SpiTtp & "/" & moid_Vc4Ttp or RXI_VC4.nedn_SubNetwork & "/" & nedn_MeContext & "/" & moid_Equipment & "/" & moid_Subrack & "/" &</p>	
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				moid_Slot & "/" & moid_PlugInUnit & "/" & moid_ExchangeTerminal & "/" & & moid_Os155SpiTtp & "/" & moid_Vc4Ttp	
Technology	Technology of the network/element (e.g. GSM, GPRS, UMTS).			RNC_VC4."UMTS" or NODEB_VC4."UMTS" or RXI_VC4."UMTS"; RNC_VC4."UMTS" or NODEB_VC4."UMTS" or RXI_VC4."UMTS"	
Version	Hardware/Software version of the VC4 TP.			RNC_VC4."P7.1" or NODEB_VC4."P7.1" or RXI_VC4."P7.1"; RNC_VC4."P7.1" or NODEB_VC4."P7.1" or RXI_VC4."P7.1"	
Node_Type	Type of Node.			RNC_VC4."RNC" or NODEB_VC4."NodeB" or RXI_VC4."RXI"; RNC_VC4."RNC" or NODEB_VC4."NodeB" or RXI_VC4."RXI"	
Node_Id	The unique identifier for the node this object is connected to.			No mapping; No mapping	
Node_Name	A user friendly name for this node the object is connected to.			No mapping; No mapping	

5.94 VCL_TP details

In the network hierarchy, the immediate parent of the VCL_TP object is VPC_TP.

Attribute Name	Description	Read - Only ?	Time-Track ed?	Mapping	Aggrega tor
Primary Identifier					
VCL_TP_Id	A unique identifier for the Virtual Circuit in a	Y		RNC_Virtual_Channel_Link.ne dn_SubNetwork & "/" &	

				moid_AtmPort & "/" & moid_VplTp & "/" & moid_VpcTp & "/" & moid_VclTp or NODEB_Virtual_Channel_Link.nedn_SubNetwork & "/" & nedn_MeContext & "/" & moid_AtmPort & "/" & moid_VplTp & "/" & moid_VpcTp & "/" & moid_VclTp or RXI_Virtual_Channel_Link.nedn_SubNetwork & "/" & nedn_MeContext & "/" & moid_AtmPort & "/" & moid_VplTp & "/" & moid_VpcTp & "/" & moid_VclTp; RNC_Virtual_Channel_Link.nedn_SubNetwork & "/" & moid_AtmPort & "/" & moid_VplTp & "/" & moid_VpcTp & "/" & moid_VclTp or NODEB_Virtual_Channel_Link.nedn_SubNetwork & "/" & nedn_MeContext & "/" & moid_AtmPort & "/" & moid_VplTp & "/" & moid_VpcTp & "/" & moid_VclTp or RXI_Virtual_Channel_Link.nedn_SubNetwork & "/" & nedn_MeContext & "/" & moid_AtmPort & "/" & moid_VplTp & "/" & moid_VpcTp & "/" & moid_VclTp
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UTRAN network.

Relationship Attributes					
ATM_Port_Id	Physical ATM port in a	Y	Y	RNC_Virtual_Channel_Link.ne	

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	UTRAN network.			dn_SubNetwork & "/" & moid_AtmPort or NODEB_Virtual_Channel_Link.nedn_SubNetwork & "/" & nedn_MeContext & "/" & moid_AtmPort or RXI_Virtual_Channel_Link.nedn_SubNetwork & "/" & nedn_MeContext & "/" & moid_AtmPort; RNC_Virtual_Channel_Link.nedn_SubNetwork & "/" & moid_AtmPort or NODEB_Virtual_Channel_Link.nedn_SubNetwork & "/" & nedn_MeContext & "/" & moid_AtmPort or RXI_Virtual_Channel_Link.nedn_SubNetwork & "/" & nedn_MeContext & "/" & moid_AtmPort
Network_Id	Network associated with the VCL TP.	Y	Y	lookup("nc_bsc","network_id", utime(StartDate & StartTime,"%d %b %Y %R"), RNC_Virtual_Channel_Link.nedn_SubNetwork) or lookup("nc_bsc","network_id", utime(StartDate & StartTime,"%d %b %Y %R"), NODEB_Virtual_Channel_Link.nedn_SubNetwork) or lookup("nc_bsc","network_id", utime(StartDate & StartTime,"%d %b %Y %R"), RXI_Virtual_Channel_Link.nedn_SubNetwork); lookup("nc_bsc","network_id", utime(StartDate & StartTime,"%d %b %Y %R"), RNC_Virtual_Channel_Link.nedn_SubNetwork) or lookup("nc_bsc","network_id", utime(StartDate & StartTime,"%d %b %Y %R"), NODEB_Virtual_Channel_Link

				k.nedn_SubNetwork) or lookup("nc_bsc","network_id", utime(StartDate & StartTime,"%d %b %Y %R"), RXI_Virtual_Channel_Link.ne dn_SubNetwork)	
NodeB_Id	NodeB in a UTRAN network.	Y	Y	NODEB_Virtual_Channel_Lin k.nedn_SubNetwork & "/" & nedn_MeContext; NODEB_Virtual_Channel_Lin k.nedn_SubNetwork & "/" & nedn_MeContext	
RNC_Id	RNC in a UTRAN network.	Y	Y	RNC_Virtual_Channel_Link.ne dn_SubNetwork or NODEB_Virtual_Channel_Lin k.nedn_SubNetwork or RXI_Virtual_Channel_Link.ne dn_SubNetwork; RNC_Virtual_Channel_Link.ne dn_SubNetwork or NODEB_Virtual_Channel_Lin k.nedn_SubNetwork or RXI_Virtual_Channel_Link.ne dn_SubNetwork	
VPC_TP_Id	Virtual path in UTRAN network.	Y	Y	RNC_Virtual_Channel_Link.ne dn_SubNetwork & "/" & moid_AtmPid & "/" & moid_VplTp & "/" & moid_VpcTp or NODEB_Virtual_Channel_Lin k.nedn_SubNetwork & "/" & nedn_MeContext & "/" & moid_AtmPid & "/" & moid_VplTp & "/" & moid_VpcTp or RXI_Virtual_Channel_Link.ne dn_SubNetwork & "/" & nedn_MeContext & "/" & moid_AtmPid & "/" &	

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				<p>moid_VplTp & "/" & moid_VpcTp; RNC_Virtual_Channel_Link.ne dn_SubNetwork & "/" & moid_AtmPort & "/" & moid_VplTp & "/" & moid_VpcTp or NODEB_Virtual_Channel_Lin k.nedn_SubNetwork & "/" & nedn_MeContext & "/" & moid_AtmPort & "/" & moid_VplTp & "/" & moid_VpcTp or RXI_Virtual_Channel_Link.ne dn_SubNetwork & "/" & nedn_MeContext & "/" & moid_AtmPort & "/" & moid_VplTp & "/" & moid_VpcTp</p>	
VPL_TP_Id	Virtual path link in a UTRAN network.	Y	Y	<p>RNC_Virtual_Channel_Link.ne dn_SubNetwork & "/" & moid_AtmPort & "/" & moid_VplTp or NODEB_Virtual_Channel_Lin k.nedn_SubNetwork & "/" & nedn_MeContext & "/" & moid_AtmPort & "/" & moid_VplTp or RXI_Virtual_Channel_Link.ne dn_SubNetwork & "/" & nedn_MeContext & "/" & moid_AtmPort & "/" & moid_VplTp; RNC_Virtual_Channel_Link.ne dn_SubNetwork & "/" & moid_AtmPort & "/" & moid_VplTp or NODEB_Virtual_Channel_Lin k.nedn_SubNetwork & "/" & nedn_MeContext & "/" & moid_AtmPort & "/" & moid_VplTp or RXI_Virtual_Channel_Link.ne dn_SubNetwork & "/" & nedn_MeContext & "/" &</p>	

				moid_AtmPort & "/" & moid_VplTp	
Region_Id	Region associated with the VCL Tp.	Y	Y	lookup("nc_bsc","region_id",time(StartDate & StartTime,"%d %b %Y %R"), RNC_Virtual_Channel_Link.nedn_SubNetwork) or lookup("nc_bsc","region_id",time(StartDate & StartTime,"%d %b %Y %R"), NODEB_Virtual_Channel_Link.nedn_SubNetwork) or lookup("nc_bsc","region_id",time(StartDate & StartTime,"%d %b %Y %R"), RXI_Virtual_Channel_Link.nedn_SubNetwork); lookup("nc_bsc","region_id",time(StartDate & StartTime,"%d %b %Y %R"), RNC_Virtual_Channel_Link.nedn_SubNetwork) or lookup("nc_bsc","region_id",time(StartDate & StartTime,"%d %b %Y %R"), NODEB_Virtual_Channel_Link.nedn_SubNetwork) or lookup("nc_bsc","region_id",time(StartDate & StartTime,"%d %b %Y %R"), RXI_Virtual_Channel_Link.nedn_SubNetwork)	
Configuration Attributes					
VCP_TP_Name	A user friendly name preferably unique for VCP TP.			RNC_Virtual_Channel_Link.nedn_SubNetwork & "/" & moid_AtmPort & "/" & moid_VplTp & "/" & moid_VpcTp & "/" & moid_VclTp or	

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				<p>NODEB_Virtual_Channel_Link.nedn_SubNetwork & "/" & nedn_MeContext & "/" & moid_AtmPort & "/" & moid_VplTp & "/" & moid_VpcTp & "/" & moid_VclTp or RXI_Virtual_Channel_Link.nedn_SubNetwork & "/" & nedn_MeContext & "/" & moid_AtmPort & "/" & moid_VplTp & "/" & moid_VpcTp & "/" & moid_VclTp; RNC_Virtual_Channel_Link.nedn_SubNetwork & "/" & moid_AtmPort & "/" & moid_VplTp & "/" & moid_VpcTp & "/" & moid_VclTp or NODEB_Virtual_Channel_Link.nedn_SubNetwork & "/" & nedn_MeContext & "/" & moid_AtmPort & "/" & moid_VplTp & "/" & moid_VpcTp & "/" & moid_VclTp or RXI_Virtual_Channel_Link.nedn_SubNetwork & "/" & nedn_MeContext & "/" & moid_AtmPort & "/" & moid_VplTp & "/" & moid_VpcTp & "/" & moid_VclTp</p>
Block_Size	AAL2VCL Block size.			No mapping; No mapping
Egress_ATM_PCR	Atm Traffic Descriptor Id.			No mapping; No mapping
Technology	Technology of the network/element (e.g. GSM, GPRS, UMTS).			RNC_Virtual_Channel_Link."UMTS" or NODEB_Virtual_Channel_Link."UMTS" or RXI_Virtual_Channel_Link."UMTS"; RNC_Virtual_Channel_Link."

				UMTS" or NODEB_Virtual_Channel_Link."UMTS" or RXI_Virtual_Channel_Link."UMTS"	
Version	Hardware/Software version of the VCL TP.			RNC_Virtual_Channel_Link."P7.1" or NODEB_Virtual_Channel_Link."P7.1" or RXI_Virtual_Channel_Link."P7.1"; RNC_Virtual_Channel_Link."P7.1" or NODEB_Virtual_Channel_Link."P7.1" or RXI_Virtual_Channel_Link."P7.1"	
Node_Type	Type of Node.			RNC_Virtual_Channel_Link."RNC" or NODEB_Virtual_Channel_Link."NodeB" or RXI_Virtual_Channel_Link."RXI"; RNC_Virtual_Channel_Link."RNC" or NODEB_Virtual_Channel_Link."NodeB" or RXI_Virtual_Channel_Link."RXI"	
Node_Id	The unique identifier for the node this object is connected to.			No mapping; No mapping	
Node_Name	A user friendly name for this node the object is connected to.			No mapping; No mapping	

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5.95 VPC_TP details

In the network hierarchy, the immediate parent of the VPC_TP object is VPL_TP.

5.96 VPC_TP details

In the network hierarchy, the immediate parent of the VPC_TP object is VPL_TP.

Attribute Name	Description	Read - Only ?	Time-Track ed?	Mapping	Aggrega tor
Primary Identifier					
VPC_TP_Id	A unique identifier for the Virtual Path Connection in a UTRAN network.	Y		RNC_Virtual_Path_Connection. nedn_SubNetwork & "/" & moid_AtmPort & "/" & moid_VplTp & "/" & moid_VpcTp or NODEB_Virtual_Path_Connect ion.nedn_SubNetwork & "/" & nedn_MeContext & "/" & moid_AtmPort & "/" & moid_VplTp & "/" & moid_VpcTp or RXI_Virtual_Path_Connection. nedn_SubNetwork & "/" & nedn_MeContext & "/" & moid_AtmPort & "/" & moid_VplTp & "/" & moid_VpcTp; RNC_Virtual_Path_Connection. nedn_SubNetwork & "/" & moid_AtmPort & "/" & moid_VplTp & "/" & moid_VpcTp or NODEB_Virtual_Path_Connect ion.nedn_SubNetwork & "/" & nedn_MeContext & "/" & moid_AtmPort & "/" & moid_VplTp & "/" & moid_VpcTp or RXI_Virtual_Path_Connection. nedn_SubNetwork & "/" & nedn_MeContext & "/" & moid_AtmPort & "/" &	

				moid_VplTp & "/" & moid_VpcTp	
Relationship Attributes					
ATM_Port_Id	Physical ATM port in a UTRAN network.	Y	Y	RNC_Virtual_Path_Connection.nedn_SubNetwork & "/" & moid_AtmPort or NODEB_Virtual_Path_Connection.nedn_SubNetwork & "/" & nedn_MeContext & "/" & moid_AtmPort or RXI_Virtual_Path_Connection.nedn_SubNetwork & "/" & nedn_MeContext & "/" & moid_AtmPort; RNC_Virtual_Path_Connection.nedn_SubNetwork & "/" & moid_AtmPort or NODEB_Virtual_Path_Connection.nedn_SubNetwork & "/" & nedn_MeContext & "/" & moid_AtmPort or RXI_Virtual_Path_Connection.nedn_SubNetwork & "/" & nedn_MeContext & "/" & moid_AtmPort	
Network_Id	Network associated with the VPC TP.	Y	Y	lookup("nc_bsc","network_id", utime(StartDate & StartTime,"%d %b %Y %R"), RNC_Virtual_Path_Connection.nedn_SubNetwork) or lookup("nc_bsc","network_id", utime(StartDate & StartTime,"%d %b %Y %R"), NODEB_Virtual_Path_Connection.nedn_SubNetwork) or lookup("nc_bsc","network_id", utime(StartDate & StartTime,"%d %b %Y %R"), RXI_Virtual_Path_Connection.	

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				nedn_SubNetwork); lookup("nc_bsc","network_id", utime(StartDate & StartTime,"%d %b %Y %R"), RNC_Virtual_Path_Connection. nedn_SubNetwork) or lookup("nc_bsc","network_id", utime(StartDate & StartTime,"%d %b %Y %R"), NODEB_Virtual_Path_Connect ion.nedn_SubNetwork) or lookup("nc_bsc","network_id", utime(StartDate & StartTime,"%d %b %Y %R"), RXI_Virtual_Path_Connection. nedn_SubNetwork)	
NodeB_Id	NodeB in a UTRAN network.	Y	Y	NODEB_Virtual_Path_Connect ion.nedn_SubNetwork & "/" & nedn_MeContext; NODEB_Virtual_Path_Connect ion.nedn_SubNetwork & "/" & nedn_MeContext	
RNC_Id	RNC in a UTRAN network.	Y	Y	RNC_Virtual_Path_Connection. nedn_SubNetwork or NODEB_Virtual_Path_Connect ion.nedn_SubNetwork or RXI_Virtual_Path_Connection. nedn_SubNetwork; RNC_Virtual_Path_Connection. nedn_SubNetwork or NODEB_Virtual_Path_Connect ion.nedn_SubNetwork or RXI_Virtual_Path_Connection. nedn_SubNetwork	
VPL_TP_Id	A unique identifier for the Virtual Path Link in a UTRAN network.	Y	Y	RNC_Virtual_Path_Connection. nedn_SubNetwork & "/" & moid_AtmPort & "/" & moid_VplTp or NODEB_Virtual_Path_Connect ion.nedn_SubNetwork & "/" & nedn_MeContext & "/" & moid_AtmPort & "/" & moid_VplTp or RXI_Virtual_Path_Connection.	

				nedn_SubNetwork & "/" & nedn_MeContext & "/" & moid_AtmPort & "/" & moid_VplTp; RNC_Virtual_Path_Connection. nedn_SubNetwork & "/" & moid_AtmPort & "/" & moid_VplTp or NODEB_Virtual_Path_Connect ion.nedn_SubNetwork & "/" & nedn_MeContext & "/" & moid_AtmPort & "/" & moid_VplTp or RXI_Virtual_Path_Connection. nedn_SubNetwork & "/" & nedn_MeContext & "/" & moid_AtmPort & "/" & moid_VplTp
Region_Id	Region associated with the VPC Tp.	Y	Y	lookup("nc_bsc","region_id",uti me(StartDate & StartTime,"%d %b %Y %R"), RNC_Virtual_Path_Connection. nedn_SubNetwork) or lookup("nc_bsc","region_id",uti me(StartDate & StartTime,"%d %b %Y %R"), NODEB_Virtual_Path_Connect ion.nedn_SubNetwork) or lookup("nc_bsc","region_id",uti me(StartDate & StartTime,"%d %b %Y %R"), RXI_Virtual_Path_Connection. nedn_SubNetwork); lookup("nc_bsc","region_id",uti me(StartDate & StartTime,"%d %b %Y %R"), RNC_Virtual_Path_Connection. nedn_SubNetwork) or lookup("nc_bsc","region_id",uti me(StartDate & StartTime,"%d

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				%b %Y %R"), NODEB_Virtual_Path_Connect ion.nedn_SubNetwork) or lookup("nc_bsc","region_id",uti me(StartDate & StartTime,"%d %b %Y %R"), RXI_Virtual_Path_Connection. nedn_SubNetwork)
Configuration Attributes				
VPC_TP_Na me	A user friendly name preferably unique for VPC Tp.			RNC_Virtual_Path_Connection. nedn_SubNetwork & "/" & moid_AtmPort & "/" & moid_VplTp & "/" & moid_VpcTp or NODEB_Virtual_Path_Connect ion.nedn_SubNetwork & "/" & nedn_MeContext & "/" & moid_AtmPort & "/" & moid_VplTp & "/" & moid_VpcTp or RXI_Virtual_Path_Connection. nedn_SubNetwork & "/" & nedn_MeContext & "/" & moid_AtmPort & "/" & moid_VplTp & "/" & moid_VpcTp; RNC_Virtual_Path_Connection. nedn_SubNetwork & "/" & moid_AtmPort & "/" & moid_VplTp & "/" & moid_VpcTp or NODEB_Virtual_Path_Connect ion.nedn_SubNetwork & "/" & nedn_MeContext & "/" & moid_AtmPort & "/" & moid_VplTp & "/" & moid_VpcTp or RXI_Virtual_Path_Connection. nedn_SubNetwork & "/" & nedn_MeContext & "/" & moid_AtmPort & "/" & moid_VplTp & "/" & moid_VpcTp
Technology	Technology of the			RNC_Virtual_Path_Connection.

	network/element (e.g. GSM, GPRS, UMTS).			"UMTS" or NODEB_Virtual_Path_Connect ion."UMTS" or RXI_Virtual_Path_Connect ion." "UMTS"; RNC_Virtual_Path_Connect ion." "UMTS" or NODEB_Virtual_Path_Connect ion." "UMTS" or RXI_Virtual_Path_Connect ion." "UMTS"	
Version	Hardware/Software version of the VPC TP.			RNC_Virtual_Path_Connect ion." "P7.1" or NODEB_Virtual_Path_Connect ion." "P7.1" or RXI_Virtual_Path_Connect ion." "P7.1"; RNC_Virtual_Path_Connect ion." "P7.1" or NODEB_Virtual_Path_Connect ion." "P7.1" or RXI_Virtual_Path_Connect ion." "P7.1"	
Node_Type	Type of Node.			RNC_Virtual_Path_Connect ion." "RNC" or NODEB_Virtual_Path_Connect ion." "NodeB" or RXI_Virtual_Path_Connect ion." "RXI"; RNC_Virtual_Path_Connect ion." "RNC" or NODEB_Virtual_Path_Connect ion." "NodeB" or RXI_Virtual_Path_Connect ion." "RXI"	
Node_Id	The unique identifier for the node this object is connected to.			No mapping; No mapping	

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Node_Name	A user friendly name for this node the object is connected to.			No mapping; No mapping	
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5.97 VPL_TP details

In the network hierarchy, the immediate parent of the VPL_TP object is ATM_Port.

Attribute Name	Description	Read - Only ?	Time-Track ed?	Mapping	Aggrega tor
Primary Identifier					
VPL_TP_Id	A unique identifier for the Virtual Path Link in a UTRAN network.	Y		RNC_Virtual_Path_Link.nedn_SubNetwork & "/" & moid_AtmPort & "/" & moid_VplTp or NODEB_Virtual_Path_Link.nedn_SubNetwork & "/" & nedn_MeContext & "/" & moid_AtmPort & "/" & moid_VplTp or RXI_Virtual_Path_Link.nedn_SubNetwork & "/" & nedn_MeContext & "/" & moid_AtmPort & "/" & moid_VplTp; RNC_Virtual_Path_Link.nedn_SubNetwork & "/" & moid_AtmPort & "/" & moid_VplTp or NODEB_Virtual_Path_Link.nedn_SubNetwork & "/" & nedn_MeContext & "/" & moid_AtmPort & "/" & moid_VplTp or RXI_Virtual_Path_Link.nedn_SubNetwork & "/" & nedn_MeContext & "/" & moid_AtmPort & "/" & moid_VplTp	
Relationship Attributes					
ATM_Port_Id	Physical ATM port in a	Y	Y	RNC_Virtual_Path_Link.nedn_	

	UTRAN network.			SubNetwork & "/" & moid_AtmPort or NODEB_Virtual_Path_Link.ne dn_SubNetwork & "/" & nedn_MeContext & "/" & moid_AtmPort or RXI_Virtual_Path_Link.nedn_ SubNetwork & "/" & nedn_MeContext & "/" & moid_AtmPort; RNC_Virtual_Path_Link.nedn_ SubNetwork & "/" & moid_AtmPort or NODEB_Virtual_Path_Link.ne dn_SubNetwork & "/" & nedn_MeContext & "/" & moid_AtmPort or RXI_Virtual_Path_Link.nedn_ SubNetwork & "/" & nedn_MeContext & "/" & moid_AtmPort
Network_Id	Network associated with the VPL TP.	Y	Y	lookup("nc_bsc","network_id", utime(StartDate&StartTime,"% d%b%Y%R"), RNC_Virtual_Path_Link.nedn_ SubNetwork) or lookup("nc_bsc","network_id", utime(StartDate&StartTime,"% d%b%Y%R"), NODEB_Virtual_Path_Link.ne dn_SubNetwork) or lookup("nc_bsc","network_id", utime(StartDate&StartTime,"% d%b%Y%R"), RXI_Virtual_Path_Link.nedn_ SubNetwork); lookup("nc_bsc","network_id", utime(StartDate&StartTime,"% d%b%Y%R"), RNC_Virtual_Path_Link.nedn_ SubNetwork);

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				SubNetwork) or lookup("nc_bsc","network_id", utime(StartDate&StartTime,"% d%b%Y%R"), NODEB_Virtual_Path_Link.ne dn_SubNetwork) or lookup("nc_bsc","network_id", utime(StartDate&StartTime,"% d%b%Y%R"), RXI_Virtual_Path_Link.nedn_ SubNetwork)
NodeB_Id	NodeB in a UTRAN network.	Y	Y	NODEB_Virtual_Path_Link.ne dn_SubNetwork & "/" & nedn_MeContext; NODEB_Virtual_Path_Link.ne dn_SubNetwork & "/" & nedn_MeContext
RNC_Id	RNC in a UTRAN network.	Y	Y	RNC_Virtual_Path_Link.nedn_ SubNetwork or NODEB_Virtual_Path_Link.ne dn_SubNetwork or RXI_Virtual_Path_Link.nedn_ SubNetwork; RNC_Virtual_Path_Link.nedn_ SubNetwork or NODEB_Virtual_Path_Link.ne dn_SubNetwork or RXI_Virtual_Path_Link.nedn_ SubNetwork
Region_Id	Region associated with the VPL Tp.	Y	Y	lookup("nc_bsc","region_id",uti me(StartDate & StartTime,"%d %b %Y %R"), RNC_Virtual_Path_Link.nedn_ SubNetwork) or lookup("nc_bsc","region_id",uti me(StartDate & StartTime,"%d %b %Y %R"), NODEB_Virtual_Path_Link.ne dn_SubNetwork) or lookup("nc_bsc","region_id",uti me(StartDate & StartTime,"%d %b %Y %R"), RXI_Virtual_Path_Link.nedn_ SubNetwork);

				<pre>lookup("nc_bsc","region_id",utime(StartDate & StartTime,"%d %b %Y %R"), RNC_Virtual_Path_Link.nedn_SubNetwork) or lookup("nc_bsc","region_id",utime(StartDate & StartTime,"%d %b %Y %R"), NODEB_Virtual_Path_Link.nedn_SubNetwork) or lookup("nc_bsc","region_id",utime(StartDate & StartTime,"%d %b %Y %R"), RXI_Virtual_Path_Link.nedn_SubNetwork)</pre>
Configuration Attributes				
VPL_TP_Name	A user friendly name preferably unique for VPL Tp.			<pre>RNC_Virtual_Path_Link.nedn_SubNetwork & "/" & moid_AtmPort & "/" & moid_VplTp or NODEB_Virtual_Path_Link.nedn_SubNetwork & "/" & nedn_MeContext & "/" & moid_AtmPort & "/" & moid_VplTp or RXI_Virtual_Path_Link.nedn_SubNetwork & "/" & nedn_MeContext & "/" & moid_AtmPort & "/" & moid_VplTp; RNC_Virtual_Path_Link.nedn_SubNetwork & "/" & moid_AtmPort & "/" & moid_VplTp or NODEB_Virtual_Path_Link.nedn_SubNetwork & "/" & nedn_MeContext & "/" & moid_AtmPort & "/" & moid_VplTp or RXI_Virtual_Path_Link.nedn_</pre>

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				SubNetwork & "/" & nedn_MeContext & "/" & moid_AtmPort & "/" & moid_VplTp	
Egress_ATM_PCR	Atm Traffic Descriptor Id.			No mapping; No mapping	
Technology	Technology of the network/element (e.g. GSM, GPRS, UMTS).			RNC_Virtual_Path_Link."UMTS" or NODEB_Virtual_Path_Link."UMTS" or RXI_Virtual_Path_Link."UMTS"; RNC_Virtual_Path_Link."UMTS" or NODEB_Virtual_Path_Link."UMTS" or RXI_Virtual_Path_Link."UMTS"	
Version	Hardware/Software version of the VPL TP.			RNC_Virtual_Path_Link."P7.1" or NODEB_Virtual_Path_Link."P7.1" or RXI_Virtual_Path_Link."P7.1"; RNC_Virtual_Path_Link."P7.1" or NODEB_Virtual_Path_Link."P7.1" or RXI_Virtual_Path_Link."P7.1"	
Node_Type	Type of Node.			RNC_Virtual_Path_Link."RNC" or NODEB_Virtual_Path_Link."NodeB" or RXI_Virtual_Path_Link."RXI"; RNC_Virtual_Path_Link."RNC" or NODEB_Virtual_Path_Link."NodeB" or RXI_Virtual_Path_Link."RXI"	
Node_Id	The unique identifier for the node this object is connected to.			No mapping; No mapping	
Node_Name	A user friendly name for			No mapping; No mapping	

	this node the object is connected to.			
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5.98 VT1_5_TP details

In the network hierarchy, the immediate parent of the VT1_5_TP object is SONET_STS1.

Attribute Name	Description	Read - Only ?	Time-Track ed?	Mapping	Aggrega tor
Primary Identifier					
VT1_5_TP_Id	A unique identifier for the SONET VP 1.5 path.	Y		RNC_VT15.nedn_SubNetwork & "/" & moid_Equipment & "/" & moid_Subrack & "/" & moid_Slot & "/" & moid_PlugInUnit & "/" & moid_ExchangeTerminal & "/" & moid_Os155PhysPathTerm & "/" & moid_Sts1SpeTtp & "/" & moid_Vt15Ttp Or NODEB_VT15.nedn_SubNetwork & "/" & nedn_MeContext & "/" & moid_Equipment & "/" & moid_Subrack & "/" & moid_Slot & "/" & moid_PlugInUnit & "/" & moid_ExchangeTerminal & "/" & moid_Os155PhysPathTerm & "/" & moid_Sts1SpeTtp & "/" & moid_Vt15Ttp or RXI_VT15.nedn_SubNetwork & "/" & moid_Equipment & "/" & moid_Subrack & "/" & moid_Slot & "/" & moid_PlugInUnit & "/" & moid_ExchangeTerminal & "/" & moid_Os155PhysPathTerm & "/" & moid_Sts1SpeTtp & "/" &	

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				<p>moid_Vt15Ttp; RNC_VT15.nedn_SubNetwork & "/" & moid_Equipment & "/" & moid_Subrack & "/" & moid_Slot & "/" & moid_PlugInUnit & "/" & moid_ExchangeTerminal & "/" & moid_Os155PhysPathTerm & "/" & moid_Sts1SpeTtp & "/" & moid_Vt15Ttp Or NODEB_VT15.nedn_SubNetw ork & "/" & nedn_MeContext & "/" & moid_Equipment & "/" & moid_Subrack & "/" & moid_Slot & "/" & moid_PlugInUnit & "/" & moid_ExchangeTerminal & "/" & moid_Os155PhysPathTerm & "/" & moid_Sts1SpeTtp & "/" & moid_Vt15Ttp or RXI_VT15.nedn_SubNetwork & "/" & moid_Equipment & "/" & moid_Subrack & "/" & moid_Slot & "/" & moid_PlugInUnit & "/" & moid_ExchangeTerminal & "/" & moid_Os155PhysPathTerm & "/" & moid_Sts1SpeTtp & "/" & moid_Vt15Ttp</p>
--	--	--	--	---

Relationship Attributes					
NodeB_Id	NodeB in a UTRAN network.	Y	Y	<p>NODEB_VT15.nedn_SubNetw ork & "/" & nedn_MeContext; NODEB_VT15.nedn_SubNetw ork & "/" & nedn_MeContext</p>	
Plug_In_Unit_Id	Equipment Plug In Unit in a UTRAN network.	Y	Y	<p>RNC_VT15.nedn_SubNetwork & "/" & moid_Equipment & "/" & moid_Subrack & "/" & moid_Slot & "/" & moid_PlugInUnit or NODEB_VT15.nedn_SubNetw ork & "/" & nedn_MeContext & "/" & moid_Equipment & "/" & moid_Subrack & "/" & moid_Slot & "/" &</p>	

				moid_PlugInUnit or RXI_VT15.nedn_SubNetwork & "/" & nedn_MeContext & "/" & moid_Equipment & "/" & moid_Subrack & "/" & moid_Slot & "/" & moid_PlugInUnit; RNC_VT15.nedn_SubNetwork & "/" & moid_Equipment & "/" & moid_Subrack & "/" & moid_Slot & "/" & moid_PlugInUnit or NODEB_VT15.nedn_SubNetw ork & "/" & nedn_MeContext & "/" & moid_Equipment & "/" & moid_Subrack & "/" & moid_Slot & "/" & moid_PlugInUnit or RXI_VT15.nedn_SubNetwork & "/" & nedn_MeContext & "/" & moid_Equipment & "/" & moid_Subrack & "/" & moid_Slot & "/" & moid_PlugInUnit	
RNC_Id	RNC in a UTRAN network.	Y	Y	RNC_VT15.nedn_SubNetwork or NODEB_VT15.nedn_SubNetw ork or RXI_VT15.nedn_SubNetwork; RNC_VT15.nedn_SubNetwork or NODEB_VT15.nedn_SubNetw ork or RXI_VT15.nedn_SubNetwork	
OS155_Phys_Path_Term_Id	A unique identifier for the 155 Mbit/s physical path.	Y	Y	RNC_VT15.nedn_SubNetwork & "/" & moid_Equipment & "/" & moid_Subrack & "/" & moid_Slot & "/" & moid_PlugInUnit & "/" & moid_ExchangeTerminal & "/"	

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				& moid_Os155PhysPathTerm or NODEB_VT15.nedn_SubNetw ork & "/" & nedn_MeContext & "/" & moid_Equipment & "/" & moid_Subrack & "/" & moid_Slot & "/" & moid_PlugInUnit & "/" & moid_ExchangeTerminal & "/" & moid_Os155PhysPathTerm or RXI_VT15.nedn_SubNetwork & "/" & nedn_MeContext & "/" & moid_Equipment & "/" & moid_Subrack & "/" & moid_Slot & "/" & moid_PlugInUnit & "/" & moid_ExchangeTerminal & "/" & moid_Os155PhysPathTerm; RNC_VT15.nedn_SubNetwork & "/" & moid_Equipment & "/" & moid_Subrack & "/" & moid_Slot & "/" & moid_PlugInUnit & "/" & moid_ExchangeTerminal & "/" & moid_Os155PhysPathTerm or NODEB_VT15.nedn_SubNetw ork & "/" & nedn_MeContext & "/" & moid_Equipment & "/" & moid_Subrack & "/" & moid_Slot & "/" & moid_PlugInUnit & "/" & moid_ExchangeTerminal & "/" & moid_Os155PhysPathTerm or RXI_VT15.nedn_SubNetwork & "/" & nedn_MeContext & "/" & moid_Equipment & "/" & moid_Subrack & "/" & moid_Slot & "/" & moid_PlugInUnit & "/" & moid_ExchangeTerminal & "/" & moid_Os155PhysPathTerm
SONET_STS 1_Id	SONET STS1 higher order path.	Y	Y	RNC_VT15.nedn_SubNetwork & "/" & moid_Equipment & "/" & moid_Subrack & "/" & moid_Slot & "/" & moid_PlugInUnit & "/" &

			<pre> moid_ExchangeTerminal & "/" & moid_Os155PhysPathTerm & "/" & moid_Sts1SpeTtp Or NODEB_VT15.nedn_SubNetw ork & "/" & nedn_MeContext & "/" & moid_Equipment & "/" & moid_Subrack & "/" & moid_Slot & "/" & moid_PlugInUnit & "/" & moid_ExchangeTerminal & "/" & moid_Os155PhysPathTerm & "/" & moid_Sts1SpeTtp or RXI_VT15.nedn_SubNetwork & "/" & nedn_MeContext & "/" & moid_Equipment & "/" & moid_Subrack & "/" & moid_Slot & "/" & moid_PlugInUnit & "/" & moid_ExchangeTerminal & "/" & moid_Os155PhysPathTerm & "/" & moid_Sts1SpeTtp; RNC_VT15.nedn_SubNetwork & "/" & moid_Equipment & "/" & moid_Subrack & "/" & moid_Slot & "/" & moid_PlugInUnit & "/" & moid_ExchangeTerminal & "/" & moid_Os155PhysPathTerm & "/" & moid_Sts1SpeTtp Or NODEB_VT15.nedn_SubNetw ork & "/" & nedn_MeContext & "/" & moid_Equipment & "/" & moid_Subrack & "/" & moid_Slot & "/" & moid_PlugInUnit & "/" & moid_ExchangeTerminal & "/" & moid_Os155PhysPathTerm & "/" & moid_Sts1SpeTtp or RXI_VT15.nedn_SubNetwork & "/" & nedn_MeContext & "/" & moid_Equipment & "/" & </pre>	
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				moid_Subrack & "/" & moid_Slot & "/" & moid_PlugInUnit & "/" & moid_ExchangeTerminal & "/" & & moid_Os155PhysPathTerm & "/" & moid_Sts1SpeTtp	
Network_Id	Network associated with the VT1 5 TP.	Y	Y	lookup("nc_bsc","network_id",u time(StartDate & StartTime,"%d %b %Y %R"), RNC_VT15.nedn_SubNetwork) or lookup("nc_bsc","network_id",u time(StartDate & StartTime,"%d %b %Y %R"), NODEB_VT15.nedn_SubNetw ork) or lookup("nc_bsc","network_id",u time(StartDate & StartTime,"%d %b %Y %R"), RXI_VT15.nedn_SubNetwork); lookup("nc_bsc","network_id",u time(StartDate & StartTime,"%d %b %Y %R"), RNC_VT15.nedn_SubNetwork) or lookup("nc_bsc","network_id",u time(StartDate & StartTime,"%d %b %Y %R"), NODEB_VT15.nedn_SubNetw ork) or lookup("nc_bsc","network_id",u time(StartDate & StartTime,"%d %b %Y %R"), RXI_VT15.nedn_SubNetwork)	
Region_Id	Region associated with the VT15 Tp.	Y	Y	lookup("nc_bsc","region_id",uti me(StartDate & StartTime,"%d %b %Y %R"), RNC_VT15.nedn_SubNetwork) or lookup("nc_bsc","region_id",uti me(StartDate & StartTime,"%d %b %Y %R"), NODEB_VT15.nedn_SubNetw ork) or lookup("nc_bsc","region_id",uti	

				<pre>me(StartDate & StartTime,"%d %b %Y %R"), RXI_VT15.nedn_SubNetwork); lookup("nc_bsc","region_id",uti me(StartDate & StartTime,"%d %b %Y %R"), RNC_VT15.nedn_SubNetwork) or lookup("nc_bsc","region_id",uti me(StartDate & StartTime,"%d %b %Y %R"), NODEB_VT15.nedn_SubNetw ork) or lookup("nc_bsc","region_id",uti me(StartDate & StartTime,"%d %b %Y %R"), RXI_VT15.nedn_SubNetwork)</pre>
Configuration Attributes				
VT1_5_TP_N ame	A user friendly name preferably unique for the VT15Ttp.			<pre>RNC_VT15.nedn_SubNetwork & "/" & moid_Equipment & "/" & moid_Subrack & "/" & moid_Slot & "/" & moid_PlugInUnit & "/" & moid_ExchangeTerminal & "/" & moid_Os155PhysPathTerm & "/" & moid_Sts1SpeTtp & "/" & moid_Vt15Ttp Or NODEB_VT15.nedn_SubNetw ork & "/" & nedn_MeContext & "/" & moid_Equipment & "/" & moid_Subrack & "/" & moid_Slot & "/" & moid_PlugInUnit & "/" & moid_ExchangeTerminal & "/" & moid_Os155PhysPathTerm & "/" & moid_Sts1SpeTtp & "/" & moid_Vt15Ttp or RXI_VT15.nedn_SubNetwork & "/" & nedn_MeContext & "/" & moid_Equipment & "/" &</pre>

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				<pre> moid_Subrack & "/" & moid_Slot & "/" & moid_PlugInUnit & "/" & moid_ExchangeTerminal & "/" & moid_Os155PhysPathTerm & "/" & moid_Sts1SpeTtp & "/" & moid_Vt15Ttp; RNC_VT15.nedn_SubNetwork & "/" & moid_Equipment & "/" & moid_Subrack & "/" & moid_Slot & "/" & moid_PlugInUnit & "/" & moid_ExchangeTerminal & "/" & moid_Os155PhysPathTerm & "/" & moid_Sts1SpeTtp & "/" & moid_Vt15Ttp Or NODEB_VT15.nedn_SubNetw ork & "/" & nedn_MeContext & "/" & moid_Equipment & "/" & moid_Subrack & "/" & moid_Slot & "/" & moid_PlugInUnit & "/" & moid_ExchangeTerminal & "/" & moid_Os155PhysPathTerm & "/" & moid_Sts1SpeTtp & "/" & moid_Vt15Ttp or RXI_VT15.nedn_SubNetwork & "/" & nedn_MeContext & "/" & moid_Equipment & "/" & moid_Subrack & "/" & moid_Slot & "/" & moid_PlugInUnit & "/" & moid_ExchangeTerminal & "/" & moid_Os155PhysPathTerm & "/" & moid_Sts1SpeTtp & "/" & moid_Vt15Ttp </pre>
Technology	Technology of the network/element (e.g. GSM, GPRS, UMTS).			RNC_VT15."UMTS" or NODEB_VT15."UMTS" or RXI_VT15."UMTS"; RNC_VT15."UMTS" or NODEB_VT15."UMTS" or RXI_VT15."UMTS"
Version	Hardware/Software version of the VT1 5 TP.			RNC_VT15."P7.1" or NODEB_VT15."P7.1" or RXI_VT15."P7.1";

				RNC_VT15."P7.1" or NODEB_VT15."P7.1" or RXI_VT15."P7.1"	
Node_Type	Type of Node.			RNC_VT15."RNC" or NODEB_VT15."NodeB" or RXI_VT15."RXI" ; RNC_VT15."RNC" or NODEB_VT15."NodeB" or RXI_VT15."RXI"	
Node_Id	The unique identifier for the node this object is connected to.			No mapping; No mapping	
Node_Name	A user friendly name for this node the object is connected to.			No mapping; No mapping	

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6 Busy Hours

This section lists the busy hours which are defined for the technology pack module.

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

Object	Busy Hour	Defining KPI	Acronym
ATM_Port	Ericsson_ATM_Received_Cells_Busy_Hour	ATM_Port.Ericsson.ATM.pmReceivedAtmCells	eatmrhb
ATM_Port	Ericsson_ATM_Transmitted_Cells_Busy_Hour	ATM_Port.Ericsson.ATM.PmTransmittedAtmCells	eatmtbh
Cell	Ericsson_Cell_Total_Traffic_Busy_Hour	Cell.Ericsson.traffic_volume.cell_total_traffic	ecttbh
NodeB	Ericsson_NodeB_Load_Busy_Hour	NodeB.Ericsson.hardware_usage_statistics.pmapomcofspreadersused	enblbh
RNC	Ericsson_RNC_Total_Traffic_Busy_Hour	RNC.Ericsson.traffic_volume.total_traffic	erttbh

7 Performance Indicators

This section describes 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:

- [AAL0_Tp_Vcc_Tp performance indicators.](#)
- [AAL1_Tp_Vcc_Tp performance indicators.](#)
- [AAL2_Access_Point performance indicators.](#)
- [AAL2_Path_Vcc_Tp performance indicators.](#)
- [AAL2_Signalling_Point performance indicators.](#)
- [AAL5_Tp_Vcc_Tp performance indicators.](#)
- [Antenna_Branch performance indicators.](#)
- [ATM_Port performance indicators.](#)
- [BS_Carrier performance indicators.](#)
- [CC_SP_Device performance indicators.](#)
- [CchFrameSynch performance indicators.](#)
- [CDMA_Channel performance indicators.](#)
- [Cell performance indicators.](#)
- [DC_SP_Device performance indicators.](#)
- [DchFrameSynch performance indicators.](#)
- [Downlink_Baseband_Pool performance indicators.](#)
- [E1_Phys_Path_Term performance indicators.](#)
- [E1Ttp performance indicators.](#)
- [E3_Phys_Path_Term performance indicators.](#)
- [Ethernet_Link performance indicators.](#)
- [EthernetSwitchModulePort performance indicators.](#)
- [EthernetSwitchPort performance indicators.](#)
- [Fast_Ethernet performance indicators.](#)
- [GigabitEthernet performance indicators.](#)
- [IMA_Group performance indicators.](#)
- [IMA_Link performance indicators.](#)
- [InternalEthernetPort performance indicators.](#)
- [InternalEthernetPort_IpIf performance indicators.](#)

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- [InternalLinkGroup performance indicators.](#)
- [Ip_Atm_Link performance indicators.](#)
- [IP_Interface performance indicators.](#)
- [IPAccessHost_Et performance indicators.](#)
- [IPAccessHost_Gpb performance indicators.](#)
- [IPAccessHost_Spb performance indicators.](#)
- [IPAccessUdpHost_Msb performance indicators.](#)
- [IPEthPacketDataRouter performance indicators.](#)
- [IpHostLink performance indicators.](#)
- [Iu performance indicators.](#)
- [Iub performance indicators.](#)
- [IuBcLink performance indicators.](#)
- [IubEdch performance indicators.](#)
- [LAC performance indicators.](#)
- [Load_Control_Unit performance indicators.](#)
- [M3UA performance indicators.](#)
- [Mbms performance indicators.](#)
- [Medium_Access_Unit performance indicators.](#)
- [MTP2_Tp performance indicators.](#)
- [MTP3B_AP performance indicators.](#)
- [MTP3B_SL performance indicators.](#)
- [MTP3B_SP performance indicators.](#)
- [MTP3B_SR performance indicators.](#)
- [MTP3B_SRS performance indicators.](#)
- [NBAPCommon performance indicators.](#)
- [Neighbour performance indicators.](#)
- [Neighbour_RNC performance indicators.](#)
- [Nni_SAAL_Tp performance indicators.](#)
- [NodeB performance indicators.](#)
- [NodeSynch performance indicators.](#)
- [OS155_Phys_Path_Term performance indicators.](#)
- [OSPF performance indicators.](#)
- [OSPF_Area performance indicators.](#)
- [OSPF_Interface performance indicators.](#)
- [PacketDataRouter performance indicators.](#)
- [Pcap performance indicators.](#)
- [PDR_SP_Device performance indicators.](#)
- [Plug_In_Unit performance indicators.](#)
- [PositioningServiceClass performance indicators.](#)
- [PVC performance indicators.](#)
- [Radio_Link performance indicators.](#)
- [RANAP performance indicators.](#)
- [RNC performance indicators.](#)
- [RNC_RAB performance indicators.](#)
- [RncCapacity performance indicators.](#)
- [Routing_Area performance indicators.](#)

- [SasPositioning performance indicators.](#)
- [SCCP_Acct_Criteria performance indicators.](#)
- [SCCP_Policing performance indicators.](#)
- [SCCP_SCRC performance indicators.](#)
- [SCCP_SP performance indicators.](#)
- [SCTP performance indicators.](#)
- [SONET_STS1 performance indicators.](#)
- [SONET_STS3 performance indicators.](#)
- [SwitchPortStp performance indicators.](#)
- [SwitchStp performance indicators.](#)
- [Synchronization performance indicators.](#)
- [TlTtp performance indicators.](#)
- [Uni_SAAL_Tp performance indicators.](#)
- [UpLink_Baseband_Pool performance indicators.](#)
- [URA performance indicators.](#)
- [VC12_TP performance indicators.](#)
- [VC4_TP performance indicators.](#)
- [VCL_TP performance indicators.](#)
- [VPC_TP performance indicators.](#)
- [VPL_TP performance indicators.](#)
- [VT1_5_TP performance indicators.](#)

7.1 AAL0_Tp_Vcc_Tp Performance Indicators

This section shows the key performance indicators and other counters for the AAL0_Tp_Vcc_Tp object, divided into the following sub-sections:

- [AAL0_Tp_Vcc_Tp.Ericsson.UMTS.AAL0](#)

7.1.1 AAL0_Tp_Vcc_Tp.Ericsson.UMTS.AAL0

ATM Adaptation Layer 0.

KPI	Type	Data Type	Description	Derivation	Default Aggregator	Other Aggregators
pmBwErrBlocks	ACCUMULATION	INT8	Number of blocks with error.	RNC_AAL0_Link.p mBwErrBlocks or NODEB_AAL0_Link.p mBwErrBlocks or	Sum	erttbh, Sum

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				RXI_AAL0_Link.pm BwErrBlocks		
pmBwLostCells	ACCUMULATION	INT8	Number of cells lost on the Virtual Channel Connections (VCC) and Virtual Path Connections (VPC).	RNC_AAL0_Link.p mBwLostCells or NODEB_AAL0_Lin k.pmBwLostCells or RXI_AAL0_Link.pm BwLostCells	Sum	erttbh, Sum
pmBwMissinsCells	ACCUMULATION	INT8	Number of additional mis-inserted cells on the Virtual Channel Connections (VCC) and Virtual Path Connections (VPC).	RNC_AAL0_Link.p mBwMissinsCells or NODEB_AAL0_Lin k.pmBwMissinsCells or RXI_AAL0_Link.pm BwMissinsCells	Sum	erttbh, Sum
pmFwErrBlocks	ACCUMULATION	INT8	Number of blocks with error.	RNC_AAL0_Link.p mFwErrBlocks or NODEB_AAL0_Lin k.pmFwErrBlocks or RXI_AAL0_Link.pm FwErrBlocks	Sum	erttbh, Sum
pmFwLostCells	ACCUMULATION	INT8	Number of cells lost on the Virtual Channel Connections (VCC) and Virtual Path Connections (VPC).	RNC_AAL0_Link.p mFwLostCells or NODEB_AAL0_Lin k.pmFwLostCells or RXI_AAL0_Link.pm FwLostCells	Sum	erttbh, Sum
pmFwMissinsCells	ACCUMULATION	INT8	Number of additional, mis-inserted, cells on the Virtual Channel	RNC_AAL0_Link.p mFwMissinsCells or NODEB_AAL0_Lin k.pmFwMissinsCells or RXI_AAL0_Link.pm	Sum	erttbh, Sum

			Connections (VCC) and Virtual Path Connections (VPC).	FwMissinsCells		
pmLostBrCells	ACCUMULATION	INT8	Number of lost Backward Reporting (BR) cells.	RNC_AAL0_Link.pmLostBrCells or NODEB_AAL0_Link.pmLostBrCells or RXI_AAL0_Link.pmLostBrCells	Sum	erttbh, Sum
pmLostFpmCells	ACCUMULATION	INT8	Number of lost Forward Performance Monitoring (FPM) cells.	RNC_AAL0_Link.pmLostFpmCells or NODEB_AAL0_Link.pmLostFpmCells or RXI_AAL0_Link.pmLostFpmCells	Sum	erttbh, Sum

7.2 AAL1_Tp_Vcc_Tp Performance Indicators

This section shows the key performance indicators and other counters for the AAL1_Tp_Vcc_Tp object, divided into the following sub-sections:

- [AAL1_Tp_Vcc_Tp.Ericsson.UMTS.AAL1](#)

7.2.1 AAL1_Tp_Vcc_Tp.Ericsson.UMTS.AAL1

ATM Adaptation Layer 1 (AAL1) related statistics.

KPI	Type	Data Type	Description	Derivation	Default Aggregator	Other Aggregators
pmBwErrBlocks	ACCUMULATION	INT8	Number of blocks with error.	RNC_AAL1_Link.pmBwErrBlocks or NODEB_AAL1_Link.pmBwErrBlocks or RXI_AAL1_Link.pmBwErrBlocks	Sum	erttbh, Sum

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pmBwLostCells	ACCUMULATION	INT8	Number of cells lost on the Virtual Channel Connections (VCC) and Virtual Path Connections (VPC).	RNC_AAL1_Link.p mBwLostCells or NODEB_AAL1_Link.p mBwLostCells or RXI_AAL1_Link.p mBwLostCells	Sum	erttbh, Sum
pmBwMissinsCells	ACCUMULATION	INT8	Number of lost backward cells.	RNC_AAL1_Link.p mBwMissinsCells or NODEB_AAL1_Link.p mBwMissinsCells or RXI_AAL1_Link.p mBwMissinsCells	Sum	erttbh, Sum
pmFwErrBlocks	ACCUMULATION	INT8	Number of blocks with error.	RNC_AAL1_Link.p mFwErrBlocks or NODEB_AAL1_Link.p mFwErrBlocks or RXI_AAL1_Link.p mFwErrBlocks	Sum	erttbh, Sum
pmFwLostCells	ACCUMULATION	INT8	Number of cells lost on the Virtual Channel Connections (VCC) and Virtual Path Connections (VPC).	RNC_AAL1_Link.p mFwLostCells or NODEB_AAL1_Link.p mFwLostCells or RXI_AAL1_Link.p mFwLostCells	Sum	erttbh, Sum
pmFwMissinsCells	ACCUMULATION	INT8	Number of forward backward cells.	RNC_AAL1_Link.p mFwMissinsCells or NODEB_AAL1_Link.p mFwMissinsCells or RXI_AAL1_Link.p mFwMissinsCells	Sum	erttbh, Sum
pmLostBrCells	ACCUMULATION	INT8	Number of lost Backward Reporting (BR) cells.	RNC_AAL1_Link.p mFwLostCells or NODEB_AAL1_Link.p mFwLostCells or RXI_AAL1_Link.p mFwLostCells	Sum	erttbh, Sum

				LostBrCells		
pmLostFpmCells	ACCUMULATION	INT8	Number of lost Forward Performance Monitoring (FPM) cells.	RNC_AAL1_Link.p mLostFpmCells or NODEB_AAL1_Lin k.pmLostFpmCells or RXI_AAL1_Link.pm LostFpmCells	Sum	erttbh, Sum

7.3 AAL2_Access_Point Performance Indicators

This section shows the key performance indicators and other counters for the AAL2_Access_Point object, divided into the following sub-sections:

- [AAL2_Access_Point.Ericsson.UMTS.AAL2](#)

7.3.1 AAL2_Access_Point.Ericsson.UMTS.AAL2

UTRAN ATM AAL2 link.

KPI	Type	Data Type	Description	Derivation	Default Aggregator	Other Aggregators
_%_UnSuccRateIn	PERCENTAGE	FLOAT	- Obsolete in P5, Aal2ap-Percentage of Unsuccessful In AAL2 connections.	100 * ({pmUnSuccInConnsLocal} + {pmUnSuccInConnsRemote})/ ({pmUnSuccInConnsLocal} + {pmUnSuccInConnsRemote} + {pmSuccInConnsRemote})	Average	Average, erttbh
_%_UnSuccRateOut	PERCENTAGE	FLOAT	- Obsolete in P5, Aal2ap-Percentage	100 * ({pmUnSuccOutConnsLocal} + {pmUnSuccOutConnsRemote})/	Average	Average, erttbh, Sum

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			ge of Unsuccessful Out AAL2 connections.	{pmUnSuccOutConnsLocal} + {pmUnSuccOutConnsRemote} + {pmSuccOutConnsRemote})		
EstAal2Conns	ACCUMULATION	INT8	Number of established AAL2 connections.	{pmExisOrigConns}	Sum	erttbh, Sum
pmExisOrigConns	INTENSITY	INT8	Number of existing connections for the AP originating in this node.	RNC_AAL2_AP.pmExisOrigConns or NODEB_AAL2_AP.pmExisOrigConns or RXI_AAL2_AP.pmExisOrigConns	Average	Average, erttbh, Maximum, Minimum, Sum
pmExisTermConns	INTENSITY	INT8	Number of existing connections for the AP terminating in this node.	RNC_AAL2_AP.pmExisTermConns or NODEB_AAL2_AP.pmExisTermConns or RXI_AAL2_AP.pmExisTermConns	Average	Average, erttbh, Maximum, Minimum, Sum
pmExisTransConns	INTENSITY	INT8	Number of existing connections for the AP transiting in this node.	RNC_AAL2_AP.pmExisTransConns or NODEB_AAL2_AP.pmExisTransConns or RXI_AAL2_AP.pmExisTransConns	Average	Average, erttbh, Maximum, Minimum, Sum

pmSuccInConnsRemote	ACCUMULATION	INT8	Number of successful establishment of incoming connections on this AP.	RNC_AAL2_AP.pmSuccInConnsRemote or NODEB_AAL2_AP.pmSuccInConnsRemote or RXI_AAL2_AP.pmSuccInConnsRemote	Sum	erttbh, Sum
pmSuccInConnsRemoteQosClassA	ACCUMULATION	INTEGER	Number of successful establishments of incoming connections on this AAL2 Access Point (AP). The counter increments in a Terminating node and in a Transit node when a Q.2630 establishment	RNC_AAL2_AP.pmSuccInConnsRemoteQosClassA or NODEB_AAL2_AP.pmSuccInConnsRemoteQosClassA or RXI_AAL2_AP.pmSuccInConnsRemoteQosClassA	Sum	erttbh, Sum

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			confirm message is sent (i.e. as soon as the connection goes to CONNECTED state).			
pmSuccInConnsRemoteQosClassB	ACCUMULATION	INTEGER	Number of successful establishments of incoming connections on this AAL2 Access Point (AP). The counter increments in a Terminating node and in a Transit node when a Q.2630 establishment confirm message is sent (i.e. as	RNC_AAL2_AP.pmSuccInConnsRemoteQosClassB or NODEB_AAL2_AP.pmSuccInConnsRemoteQosClassB or RXI_AAL2_AP.pmSuccInConnsRemoteQosClassB	Sum	erttbh, Sum

			soon as the connection goes to CONNECTED state).			
pmSuccInConnsRemoteQosClassC	ACCUMULATION	INTEGER	Number of successful establishments of incoming connections on this AAL2 Access Point (AP). The counter increments in a Terminating node and in a Transit node when a Q.2630 establishment confirm message is sent	RNC_AAL2_AP.pmSuccInConnsRemoteQosClassC or NODEB_AAL2_AP.pmSuccInConnsRemoteQosClassC or RXI_AAL2_AP.pmSuccInConnsRemoteQosClassC	Sum	erttbh, Sum

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			(i.e. as soon as the connection goes to CONNECTED state).			
pmSuccInConnsRemoteQosClassD	ACCUMULATION	INTEGER	Number of successful establishments of incoming connections on this AAL2 Access Point (AP). The counter increments in a Terminating node and in a Transit node when a Q.2630 establishment confirm message is sent (i.e. as soon as the connecti	RNC_AAL2_AP.pmSuccInConnsRemoteQosClassD or NODEB_AAL2_AP.pmSuccInConnsRemoteQosClassD or RXI_AAL2_AP.pmSuccInConnsRemoteQosClassD	Sum	erttbh, Sum

			on goes to CONNECTED state).			
pmSuccOutConnsRemote	ACCUMULATION	INT8	Number of successful establishment of outgoing connections on this AP.	RNC_AAL2_AP.pmSuccOutConnsRemote or NODEB_AAL2_AP.pmSuccOutConnsRemote or RXI_AAL2_AP.pmSuccOutConnsRemote	Sum	erttbh, Sum
pmSuccOutConnsRemoteQosClassA	ACCUMULATION	INTEGER	Number of successful establishments of outgoing connections on this AAL2 Access Point (AP). The counter increments in a Terminating node or in a Transit node when a	RNC_AAL2_AP.pmSuccOutConnsRemoteQosClassA or NODEB_AAL2_AP.pmSuccOutConnsRemoteQosClassA or RXI_AAL2_AP.pmSuccOutConnsRemoteQosClassA	Sum	erttbh, Sum

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			Q.2630 establishment confirm message is sent (i.e. as soon as the connection goes to CONNECTED state).			
pmSuccOutConnsRemoteQosClassB	ACCUMULATION	INTEGER	Number of successful establishments of outgoing connections on this AAL2 Access Point (AP). The counter increments in a Terminating node or in a Transit node when a Q.2630 establishment confirm message	RNC_AAL2_AP.pmSuccOutConnsRemoteQosClassB or NODEB_AAL2_AP.pmSuccOutConnsRemoteQosClassB or RXI_AAL2_AP.pmSuccOutConnsRemoteQosClassB	Sum	erttbh, Sum

			is sent (i.e. as soon as the connection goes to CONNECTED state).			
pmSuccOutConnsRemoteQosClassC	ACCUMULATION	INTEGER	Number of successful establishments of outgoing connections on this AAL2 Access Point (AP). The counter increments in a Terminating node or in a Transit node when a Q.2630 establishment confirmation message	RNC_AAL2_AP.pmSuccOutConnsRemoteQosClassC or NODEB_AAL2_AP.pmSuccOutConnsRemoteQosClassC or RXI_AAL2_AP.pmSuccOutConnsRemoteQosClassC	Sum	erttbh, Sum

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			is sent (i.e. as soon as the connection goes to CONNECTED state).			
pmSuccOutConnsRemoteQosClassD	ACCUMULATION	INTEGER	Number of successful establishments of outgoing connections on this AAL2 Access Point (AP). The counter increments in a Terminating node or in a Transit node when a Q.2630 establishment confirm message is sent (i.e. as soon as the connecti	RNC_AAL2_AP.pmSuccOutConnsRemoteQosClassD or NODEB_AAL2_AP.pmSuccOutConnsRemoteQosClassD or RXI_AAL2_AP.pmSuccOutConnsRemoteQosClassD	Sum	erttbh, Sum

			on goes to CONNECTED state).			
pmUnRecMessages	ACCUMULATION	INT8	Number of received unrecognized Q.2630.1 messages on this AP.	RNC_AAL2_AP.pmUnRecMessages or NODEB_AAL2_AP.pmUnRecMessages or RXI_AAL2_AP.pmUnRecMessages	Sum	erttbh, Sum
pmUnRecParams	ACCUMULATION	INT8	Number of received Q.2630.1 messages with unrecognized parameters on this AP.	RNC_AAL2_AP.pmUnRecParams or NODEB_AAL2_AP.pmUnRecParams or RXI_AAL2_AP.pmUnRecParams	Sum	erttbh, Sum
pmUnSuccInConnsLocal	ACCUMULATION	INT8	- Obsolete in P5, Aal2ap-Number of unsuccessful attempts to allocate Commo	RNC_AAL2_AP.pmUnSuccInConnsLocal or NODEB_AAL2_AP.pmUnSuccInConnsLocal or RXI_AAL2_AP.pmUnSuccInConnsLocal	Sum	erttbh, Sum

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			<p>n Part Sub-layer, CPS, resources during establishment of incoming connections on this AP caused by Channel Identifier, CID, and/or bandwidth collision or mismatch of Call Admission Control, CAC, between peers.</p>			
pmUnSuccInConnsLocalQosClassA	ACCUMULATION	INTEGER	<p>Number of unsuccessful establishments of incoming connections on this AAL2 Access Point</p>	<p>RNC_AAL2_AP.pmUnSuccInConnsLocalQosClassA or NODEB_AAL2_AP.pmUnSuccInConnsLocalQosClassA or RXI_AAL2_AP.pmUnSuccInConnsLocalQosClassA</p>	Sum	erttbh, Sum

		caused by the reject from the AAL2 Access Point in the remote node. The counter increments in a Terminating node or in a Transit node as soon as the connection has been rejected by the other node due to any of the events : - release connect from remote side - release from remote		
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			side - reset from remote side			
pmUnSuccInConnsLocalQoSClassB	ACCUMULATION	INTEGER	Number of unsuccessful establishments of incoming connections on this AAL2 Access Point caused by the reject from the AAL2 Access Point in the remote node. The counter increments in a Terminating node or in a Transit node as soon as the connection has been rejected	RNC_AAL2_AP.pmUnSuccInConnsLocalQoSClassB or NODEB_AAL2_AP.pmUnSuccInConnsLocalQoSClassB or RXI_AAL2_AP.pmUnSuccInConnsLocalQoSClassB	Sum	erttbh, Sum

			by the other node due to any of the events : - release connect from remote side - release from remote side - reset from remote side			
pmUnSuccInConnsLocalQosClassC	ACCUMULATION	INTEGER	Number of unsuccessful establishments of incoming connections on this AAL2 Access Point caused by the reject from the AAL2 Access	RNC_AAL2_AP.pmUnSuccInConnsLocalQosClassC or NODEB_AAL2_AP.pmUnSuccInConnsLocalQosClassC or RXI_AAL2_AP.pmUnSuccInConnsLocalQosClassC	Sum	erttbh, Sum

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			Point in the remote node. The counter increments in a Terminating node or in a Transit node as soon as the connection has been rejected by the other node due to any of the events : - release connect from remote side - release from remote side - reset from remote side			
pmUnSuccInConnsLocalQoSClassD	ACCUMULATION	INTEGER	Number of unsuccessful establish	RNC_AAL2_AP.pmUnSuccInConnsLocalQoSClassD or NODEB_AAL2_AP.pmUnSuccInConnsLocalQoSCl	Sum	erttbh, Sum

		<p>ments of incoming connections on this AAL2 Access Point caused by the reject from the AAL2 Access Point in the remote node. The counter increments in a Terminating node or in a Transit node as soon as the connection has been rejected by the other node due to any of the</p>	<p>assD or RXI_AAL2_AP.pmUnSuccessInConnsLocalQosClass</p>		
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			events : - release connect from remote side - release from remote side - reset from remote side		
pmUnSuccInConnsRemote	ACCUMULATION	INT8	- Obsolete in P5, Aal2ap-Number of unsuccessful establishment of incoming connections on this AP caused by reject from beyond this node.	RNC_AAL2_AP.pmUnSuccInConnsRemote or NODEB_AAL2_AP.pmUnSuccInConnsRemote or RXI_AAL2_AP.pmUnSuccInConnsRemote	Sum erttbh, Sum
pmUnSuccInConnsRemoteQosClassA	ACCUMULATION	INTEGER	Number of unsuccessful establishments of incoming connections on	RNC_AAL2_AP.pmUnSuccInConnsRemoteQosClassA or NODEB_AAL2_AP.pmUnSuccInConnsRemoteQosClassA or RXI_AAL2_AP.pmUnSuccInConnsRemoteQosClassA	Sum erttbh, Sum

		<p>this AAL2 Access Point caused by the reject from the AAL2 Access Point in the remote node. The counter increme nts in a Termina ting node or in a Transit node as soon as the connecti on has been rejected by the other node due to any of the events : - release connect from remote</p>			
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			side - release from remote side - reset from remote side			
pmUnSuccInConnsRemoteQosClassB	ACCUMULATION	INTEGER	Number of unsuccessful establishments of incoming connections on this AAL2 Access Point caused by the reject from the AAL2 Access Point in the remote node. The counter increments in a Terminating node or in a Transit node as soon as the	RNC_AAL2_AP.pmUnSuccInConnsRemoteQosClassB or NODEB_AAL2_AP.pmUnSuccInConnsRemoteQosClassB or RXI_AAL2_AP.pmUnSuccInConnsRemoteQosClassB	Sum	erttbh, Sum

			connecti on has been rejected by the other node due to any of the events : - release connect from remote side - release from remote side - reset from remote side			
pmUnSuccInConnsRem oteQosClassC	ACCUMU LATION	INTE GER	Number of unsucce ssful establis hments of incomin g connecti ons on this AAL2 Access Point caused by the	RNC_AAL2_AP.pmUnSu ccInConnsRemoteQosClas sC or NODEB_AAL2_AP.pmU nSuccInConnsRemoteQos ClassC or RXI_AAL2_AP.pmUnSu ccInConnsRemoteQosClas sC	Sum	erttbh, Sum

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			reject from the AAL2 Access Point in the remote node. The counter increments in a Terminating node or in a Transit node as soon as the connection has been rejected by the other node due to any of the events : - release connect from remote side - release from remote side - reset from remote side			
pmUnSuccInConnsRem	ACCUMU	INTE	Number	RNC_AAL2_AP.pmUnSu	Sum	erttbh,

oteQosClassD	LATION	GER	of unsuccessful establishments of incoming connections on this AAL2 Access Point caused by the reject from the AAL2 Access Point in the remote node. The counter increments in a Terminating node or in a Transit node as soon as the connection has been rejected by the other	ccInConnsRemoteQosClassD or NODEB_AAL2_AP.pmUnSuccInConnsRemoteQosClassD or RXI_AAL2_AP.pmUnSuccInConnsRemoteQosClassD	Sum

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			node due to any of the events : - release connect from remote side - release from remote side - reset from remote side			
pmUnSuccOutConnsLocal	ACCUMULATION	INT8	- Obsolete in P5, Aal2ap-Number of unsuccessful attempts to allocate CPS resources during establishment of outgoing connections on this AP. Caused by rejects in Connections Admissi	RNC_AAL2_AP.pmUnSuccOutConnsLocal or NODEB_AAL2_AP.pmUnSuccOutConnsLocal or RXI_AAL2_AP.pmUnSuccOutConnsLocal	Sum	erttbh, Sum

			on Control.			
pmUnSuccOutConnsLocalQosClassA	ACCUMULATION	INTEGER	Number of unsuccessful attempts to allocate AAL2 resources (Common Part sublayer) during establishment of outgoing connections on this Access Point (AP). Caused by Rejects in Connections Admission Control (CAC).	RNC_AAL2_AP.pmUnSuccOutConnsLocalQosClassA or NODEB_AAL2_AP.pmUnSuccOutConnsLocalQosClassA or RXI_AAL2_AP.pmUnSuccOutConnsLocalQosClassA	Sum	erttbh, Sum
pmUnSuccOutConnsLocalQosClassB	ACCUMULATION	INTEGER	Number of unsuccessful attempts	RNC_AAL2_AP.pmUnSuccOutConnsLocalQosClassB or NODEB_AAL2_AP.pmUnSuccOutConnsLocalQos	Sum	erttbh, Sum

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			to allocate AAL2 resources (Common Part sublayer) during establishment of outgoing connections on this Access Point (AP). Caused by Rejects in Connections Admission Control (CAC).	ClassB or RXI_AAL2_AP.pmUnSuccOutConnsLocalQosClassB		
pmUnSuccOutConnsLocalQosClassC	ACCUMULATION	INTEGER	Number of unsuccessful attempts to allocate AAL2 resources (Common Part sublayer) during establishment of outgoing	RNC_AAL2_AP.pmUnSuccOutConnsLocalQosClassC or NODEB_AAL2_AP.pmUnSuccOutConnsLocalQosClassC or RXI_AAL2_AP.pmUnSuccOutConnsLocalQosClassC	Sum	erttbh, Sum

			connections on this Access Point (AP). Caused by Rejects in Connections Admission Control (CAC).			
pmUnSuccOutConnsLocalQosClassD	ACCUMULATION	INTEGER	Number of unsuccessful attempts to allocate AAL2 resources (Common Part sublayer) during establishment of outgoing connections on this Access Point (AP). Caused	RNC_AAL2_AP.pmUnSuccOutConnsLocalQosClassD or NODEB_AAL2_AP.pmUnSuccOutConnsLocalQosClassD or RXI_AAL2_AP.pmUnSuccOutConnsLocalQosClassD	Sum	erttbh, Sum

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			by Rejects in Connections Admission Control (CAC).			
pmUnSuccOutConnsRemote	ACCUMULATION	INT8	- Obsolete in P5, Aal2ap-Number of unsuccessful establishment of outgoing connections on this AP caused by reject from remote side, reset from remote side, no reply or signalling link failure.	RNC_AAL2_AP.pmUnSuccOutConnsRemote or NODEB_AAL2_AP.pmUnSuccOutConnsRemote or RXI_AAL2_AP.pmUnSuccOutConnsRemote	Sum	erttbh, Sum
pmUnSuccOutConnsRemoteQosClassA	ACCUMULATION	INTEGER	Number of unsuccessful establishments of outgoing connections on	RNC_AAL2_AP.pmUnSuccOutConnsRemoteQosClassA or NODEB_AAL2_AP.pmUnSuccOutConnsRemoteQosClassA or RXI_AAL2_AP.pmUnSuccOutConnsRemoteQosClassA	Sum	erttbh, Sum

		<p>this AAL2 Access Point (AP). The counter increme nts when any of the followin g events occur after Q.2630 establish request message has been sent from this AAL2 Access Point : - reject from remote side - reset from remote side - no reply (time out) - signallin g link failure</p>		
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pmUnSuccOutConnsRemoteQosClassB	ACCUMULATION	INTEGER	Number of unsuccessful establishments of outgoing connections on this AAL2 Access Point (AP). The counter increments when any of the following events occur after Q.2630 establish request message has been sent from this AAL2 Access Point : - reject from remote side - reset from remote side - no reply (time out) -	RNC_AAL2_AP.pmUnSuccOutConnsRemoteQosClassB or NODEB_AAL2_AP.pmUnSuccOutConnsRemoteQosClassB or RXI_AAL2_AP.pmUnSuccOutConnsRemoteQosClassB	Sum	erttbh, Sum

			signalling link failure			
pmUnSuccOutConnsRemoteQosClassC	ACCUMULATION	INTEGER	Number of unsuccessful establishments of outgoing connections on this AAL2 Access Point (AP). The counter increments when any of the following events occur after Q.2630 establish request message has been sent from this AAL2 Access Point : - reject from	RNC_AAL2_AP.pmUnSuccOutConnsRemoteQosClassC or NODEB_AAL2_AP.pmUnSuccOutConnsRemoteQosClassC or RXI_AAL2_AP.pmUnSuccOutConnsRemoteQosClassC	Sum	erttbh, Sum

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			remote side - reset from remote side - no reply (time out) - signalling link failure			
pmUnSuccOutConnsRemoteQosClassD	ACCUMULATION	INTEGER	Number of unsuccessful establishments of outgoing connections on this AAL2 Access Point (AP). The counter increments when any of the following events occur after Q.2630 establish request message has been sent from this AAL2	RNC_AAL2_AP.pmUnSuccOutConnsRemoteQosClassD or NODEB_AAL2_AP.pmUnSuccOutConnsRemoteQosClassD or RXI_AAL2_AP.pmUnSuccOutConnsRemoteQosClassD	Sum	erttbh, Sum

			Access Point : - reject from remote side - reset from remote side - no reply (time out) - signalling link failure			
UnSuccIn	ACCUMULATION	INT8	- Obsolete in P5, Aal2ap-Number of Unsuccessful In AAL2 connections.	({pmUnSuccInConnsLocal} + {pmUnSuccInConnsRemote})	Sum	erttbh, Sum
UnSuccOut	ACCUMULATION	INT8	- Obsolete in P5, Aal2ap-Number of Unsuccessful Out AAL2 connections.	({pmUnSuccOutConnsLocal} + {pmUnSuccOutConnsRemote})	Sum	erttbh, Sum

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7.4 AAL2_Path_Vcc_Tp Performance Indicators

This section shows the key performance indicators and other counters for the AAL2_Path_Vcc_Tp object, divided into the following sub-sections:

- [AAL2_Path_Vcc_Tp.Ericsson.UMTS.AAL2](#)

7.4.1 AAL2_Path_Vcc_Tp.Ericsson.UMTS.AAL2

UTRAN ATM AAL2 link.

KPI	Type	Data Type	Description	Derivation	Default Aggregator	Other Aggregators
pmBwErrBlocks	ACCUMULATION	INT8	Number of backward error blocks.	RNC_AAL2_Link.pmBwErrBlocks or NODEB_AAL2_Link.pmBwErrBlocks or RXI_AAL2_Link.pmBwErrBlocks	Sum	erttbh, Sum
pmBwLostCells	ACCUMULATION	INT8	Number of lost backward cells.	RNC_AAL2_Link.pmBwLostCells or NODEB_AAL2_Link.pmBwLostCells or RXI_AAL2_Link.pmBwLostCells	Sum	erttbh, Sum
pmBwMissinsCells	ACCUMULATION	INT8	Number of backward mis-inserted cells.	RNC_AAL2_Link.pmBwMissinsCells or NODEB_AAL2_Link.pmBwMissinsCells or RXI_AAL2_Link.pmBwMissinsCells	Sum	erttbh, Sum
pmDiscardedEgressCpsPackets	ACCUMULATION	INT8	Number of discarded AAL2 Common Part Sublayer (CPS) packets in egress direction. This	RNC_AAL2_Link.pmDiscardedEgressCpsPackets or NODEB_AAL2_Link.pmDiscardedEgressCpsPackets or RXI_AAL2_Link.pmDiscardedEgressCpsPackets	Sum	erttbh, Sum

			counter is incremented for each egress AAL2 CPS packet towards the remote AAL2 path endpoint that is discarded due to congestion in the ATM layer. The counter is reset at the beginning of the interval.			
pmEgressCpsPackets	ACCUMULATION	INT8	Number of AAL2 Common Part Sublayer (CPS) egress packets sent. This	RNC_AAL2_Link.pmEgressCpsPackets or NODEB_AAL2_Link.pmEgressCpsPackets or RXI_AAL2_Link.pmEgressCpsPackets	Sum	erttbh, Sum

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			counter is incremented for each AAL2 CPS packet that is sent towards the remote AAL2 path end point. The counter is reset at the beginning of the interval.		
pmFwErrBlocks	ACCUMULATION	INT8	Number of forward errored blocks.	RNC_AAL2_Link.pmFwErrBlocks or NODEB_AAL2_Link.pmFwErrBlocks or RXI_AAL2_Link.pmFwErrBlocks	Sum erttbh, Sum
pmFwLostCells	ACCUMULATION	INT8	Number of forward lost cells.	RNC_AAL2_Link.pmFwLostCells or NODEB_AAL2_Link.pmFwLostCells or RXI_AAL2_Link.pmFwLostCells	Sum erttbh, Sum
pmFwMissinsCells	ACCUMULATION	INT8	Number of forward mis-inserted cells.	RNC_AAL2_Link.pmFwMissinsCells or NODEB_AAL2_Link.pmFwMissinsCells or RXI_AAL2_Link.pmFwMissinsCells	Sum erttbh, Sum
pmIngressCpsPackets	ACCUMULATION	INT8	Number of	RNC_AAL2_Link.pmIngressCpsPackets or	Sum erttbh, Sum

			<p>AAL2 Common Part Sublayer (CPS) ingress packets received. This counter is incremented for each AAL2 CPS packet that is received from the remote AAL2 path end point. The counter is reset at the beginning of the interval.</p>	<p>NODEB_AAL2_Link.pmIngressCpsPackets or RXI_AAL2_Link.pmIngressCpsPackets</p>		
pmLostBrCells	ACCUMULATION	INT8	<p>Number of lost Backward Reporting, BR, cells.</p>	<p>RNC_AAL2_Link.pmLostBrCells or NODEB_AAL2_Link.pmLostBrCells or RXI_AAL2_Link.pmLostBrCells</p>	Sum	erttbh, Sum
pmLostFpmCells	ACCUMULATION	INT8	<p>Number of lost</p>	<p>RNC_AAL2_Link.pmLostFpmCells or</p>	Sum	erttbh, Sum

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			Forward Performance Monitoring, FPM, cells.	NODEB_AAL2_Link.pmLostFpmCells or RXI_AAL2_Link.pmLostFpmCells		
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7.5 AAL2_Signalling_Point Performance Indicators

This section shows the key performance indicators and other counters for the AAL2_Signalling_Point object, divided into the following sub-sections:

- [AAL2_Signalling_Point.Ericsson.UMTS.AAL2](#)

7.5.1 AAL2_Signalling_Point.Ericsson.UMTS.AAL2

UTRAN ATM AAL2 link.

KPI	Type	Data Type	Description	Derivation	Default Aggregator	Other Aggregators
pmUnsuccessfulConnsInternal	ACCUMULATION	INT8	Number of unsuccessful attempts to establish connections due to node Internal problems.	RNC_AAL2_SP.pmUnsuccessfulConnsInternal or NODEB_AAL2_SP.pmUnsuccessfulConnsInternal or RXI_AAL2_SP.pmUnsuccessfulConnsInternal	Sum	erttbh, Sum

7.6 AAL5_Tp_Vcc_Tp Performance Indicators

This section shows the key performance indicators and other counters for the AAL5_Tp_Vcc_Tp object, divided into the following sub-sections:

- [AAL5_Tp_Vcc_Tp.Ericsson.UMTS.AAL5](#)

7.6.1 AAL5_Tp_Vcc_Tp.Ericsson.UMTS.AAL5

UTRAN ATM AAL5 link.

KPI	Type	Data Type	Description	Derivation	Default Aggregator	Other Aggregators
pmBwErrBlocks	ACCUMULATION	INT8	Number of backward error blocks.	RNC_AAL5_Link.p mBwErrBlocks or NODEB_AAL5_Link.p mBwErrBlocks or RXI_AAL5_Link.p mBwErrBlocks	Sum	erttbh, Sum
pmBwLostCells	ACCUMULATION	INT8	Number of lost backward cells.	RNC_AAL5_Link.p mBwLostCells or NODEB_AAL5_Link.p mBwLostCells or RXI_AAL5_Link.p mBwLostCells	Sum	erttbh, Sum
pmBwMissinsCells	ACCUMULATION	INT8	Number of backward mis-inserted cells.	RNC_AAL5_Link.p mBwMissinsCells or NODEB_AAL5_Link.p mBwMissinsCells or RXI_AAL5_Link.p mBwMissinsCells	Sum	erttbh, Sum
pmFwErrBlocks	ACCUMULATION	INT8	Number of forward errored blocks.	RNC_AAL5_Link.p mFwErrBlocks or NODEB_AAL5_Link.p mFwErrBlocks or RXI_AAL5_Link.p mFwErrBlocks	Sum	erttbh, Sum
pmFwLostCells	ACCUMULATION	INT8	Number of forwarded lost cells.	RNC_AAL5_Link.p mFwLostCells or NODEB_AAL5_Link.p mFwLostCells or RXI_AAL5_Link.p mFwLostCells	Sum	erttbh, Sum

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pmFwMissinsCells	ACCUMULATION	INT8	Number of forward mis-inserted cells.	RNC_AAL5_Link.p mFwMissinsCells or NODEB_AAL5_Link.p mFwMissinsCells or RXI_AAL5_Link.p mFwMissinsCells	Sum	erttbh, Sum
pmLostBrCells	ACCUMULATION	INT8	Number of lost Backward Reporting, BR, cells.	RNC_AAL5_Link.p mLostBrCells or NODEB_AAL5_Link.p mLostBrCells or RXI_AAL5_Link.p mLostBrCells	Sum	erttbh, Sum
pmLostFpmCells	ACCUMULATION	INT8	Number of lost Forward Performance Monitoring, FPM, cells.	RNC_AAL5_Link.p mLostFpmCells or NODEB_AAL5_Link.p mLostFpmCells or RXI_AAL5_Link.p mLostFpmCells	Sum	erttbh, Sum

7.7 Antenna_Branch Performance Indicators

This section shows the key performance indicators and other counters for the Antenna_Branch object, divided into the following sub-sections:

- [Antenna_Branch.Ericsson.UMTS.power_control_statistics](#)

7.7.1 Antenna_Branch.Ericsson.UMTS.power_control_statistics

Antenna power control related statistics.

KPI	Type	Data Type	Description	Derivation	Default Aggregator	Other Aggregators
pmnoofpowlimslots	ACCUMULATION	FLOAT	The number of power limited slots during a 15 minute period measured on RFIF in	ManagedElement_Equipment_Sector_AntennaBranch.p mNoOfPowLimSlots	Sum	enblbh, Sum

			the Antenna branch (valid in case where there is only 1 carrier per TX antenna branch in the sector used).		
--	--	--	--	--	--

7.8 ATM_Port Performance Indicators

This section shows the key performance indicators and other counters for the ATM_Port object, divided into the following sub-sections:

- [ATM_Port.Ericsson.UMTS.ATM](#)

7.8.1 ATM_Port.Ericsson.UMTS.ATM

UTRAN ATM link.

KPI	Type	Data Type	Description	Derivation	Default Aggregator	Other Aggregators
%_Vpl_utilization_egress	PERCENTAGE	FLOAT	Utilization of Physical Link Level.	$100 * \frac{\{PmTransmittedAtmCells\}}{(\{Capacity\} * 15 * 60)}$	Average	Average, eatmrhb, eatmtbh
Capacity	INTENSITY	INT8	Capacity of Physical Link Level.	RXI_ATM_Physical_Link.Capacity or NODEB_ATM_Physical_Link.Capacity or RNC_ATM_Physical_Link.Capacity	Average	Average, eatmrhb, eatmtbh, Maximum, Minimum, Sum

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pmReceivedAtmCells	ACCUMULATION	INT8	Performance monitoring counter for number of received ATM cells through the ATM port.	RNC_ATM_Physical_Link.pmReceivedAtmCells or NODEB_ATM_Physical_Link.pmReceivedAtmCells or RXI_ATM_Physical_Link.pmReceivedAtmCells	Sum	eatmrhb, eatmtbh, Sum
pmSecondsWithUnexp	ACCUMULATION	INT8	Performance monitoring counter for error seconds with discarded cells due to protocol errors (unexpected, UNEX, events) Protocol error means unassigned VPI/VCI value, out of range VPI/VCI value or invalid PTI value.	RNC_ATM_Physical_Link.pmSecondsWithUnexp or NODEB_ATM_Physical_Link.pmSecondsWithUnexp or RXI_ATM_Physical_Link.pmSecondsWithUnexp	Sum	eatmrhb, eatmtbh, Sum
PmTransmittedAtmCells	ACCUMULATION	INT8	Performance monitoring counter for number of transmitted ATM cells through the ATM port.	RNC_ATM_Physical_Link.PmTransmittedAtmCells or NODEB_ATM_Physical_Link.PmTransmittedAtmCells or RXI_ATM_Physical_Link.PmTransmittedAtmCells	Sum	eatmrhb, eatmtbh, Sum

7.9 BS_Carrier Performance Indicators

This section shows the key performance indicators and other counters for the BS_Carrier object, divided into the following sub-sections:

- [BS_Carrier.Ericsson.UMTS.Carrier](#)
- [BS_Carrier.Ericsson.UMTS.PDF_pmAverageRssi](#)
- [BS_Carrier.Ericsson.UMTS.PDF_pmTransmittedCarrierPower](#)

7.9.1 BS_Carrier.Ericsson.UMTS.Carrier

Avg, Min, Max of Carrier PDF array statistics.

KPI	Type	Data Type	Description	Derivation	Default Aggregator	Other Aggregators
pmAverageRssi_Avg	INTENSITY	FLOAT	The average Received Signal Strength Indication (RSSI)	ME_NodeBFunction_RbsLocalCell_Carrier.pmAverageRssi_Avg	Average	Average, enblbh, Maximum, Minimum, Sum
pmAverageRssi_Max	INTENSITY	FLOAT	The maximum Received Signal Strength Indication (RSSI)	ME_NodeBFunction_RbsLocalCell_Carrier.pmAverageRssi_Max	Average	Average, enblbh, Maximum, Minimum, Sum
pmAverageRssi_Min	INTENSITY	FLOAT	The minimum	ME_NodeBFunction_RbsLocalCell_Carrier.pmAverageRssi_Min	Average	Average, enblbh, Maximum

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			Received Signal Strength Indication (RSSI)			m, Minimum, Sum
pmAverageUserRate_Avg	INTENSITY	FLOAT	- Obsolete in P5, moved to CDMA_Channel for proper object model-The average user rate among all users allocated to high-speed-DSCH in the cell	ManagedElement_NodeBFunction_Carrier_HsDsch.pmAverageUserRate_Avg	Average	Average, enblbh, Maximum, Minimum, Sum
pmAverageUserRate_Max	INTENSITY	FLOAT	- Obsolete in P5, moved to CDMA_Channel for proper object model-The	ManagedElement_NodeBFunction_Carrier_HsDsch.pmAverageUserRate_Max	Average	Average, enblbh, Maximum, Minimum, Sum

			maximum user rate among all users allocated to high-speed-DSCH in the cell			
pmAverageUserRate_Min	INTENSITY	FLOAT	- Obsolete in P5, moved to CDMA_Channel for proper object model-The minimum user rate among all users allocated to high-speed-DSCH in the cell	ManagedElement_NodeBFunction_Carrier_HsDsch.pmAverageUserRate_Min	Average	Average, enblbh, Maximum, Minimum, Sum
pmReportedCqi_Avg	INTENSITY	FLOAT	- Obsolete	ManagedElement_NodeBFunction_Carrier_HsDsch.pmRep	Average	Average, enblbh,

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			<p>e in P5, moved to CDMA_Channel for proper object model- The average reported Channel Quality Indicator (CQI)</p>	<p>ortedCqi_Avg</p>		<p>Maximum, Minimum, Sum</p>
<p>pmReportedCqi_Max</p>	<p>INTENSITY</p>	<p>FLOAT</p>	<p>- Obsolete in P5, moved to CDMA_Channel for proper object model- The maximum reported Channel Quality Indicator (CQI)</p>	<p>ManagedElement_NodeBFunction_Carrier_HsDsch.pmReportedCqi_Max</p>	<p>Average</p>	<p>Average, enblbh, Maximum, Minimum, Sum</p>
<p>pmReportedCqi_Min</p>	<p>INTENSITY</p>	<p>FLOAT</p>	<p>- Obsolete in P5, moved</p>	<p>ManagedElement_NodeBFunction_Carrier_HsDsch.pmReportedCqi_Min</p>	<p>Average</p>	<p>Average, enblbh, Maximum,</p>

			to CDMA_Channel for proper object model-The minimum reported Channel Quality Indicator (CQI)			Minimum, Sum
pmTransmittedCarrierPower_Avg	INTENSITY	FLOAT	The average transmitted carrier power measured at the TX reference point every 4 seconds	ME_NodeBFunction_RbsLocalCell_Carrier.pmTransmittedCarrierPower_Avg	Average	Average, enblbh, Maximum, Minimum, Sum
pmTransmittedCarrierPower_Max	INTENSITY	FLOAT	The maximum transmitted carrier power measur	ME_NodeBFunction_RbsLocalCell_Carrier.pmTransmittedCarrierPower_Max	Average	Average, enblbh, Maximum, Minimum, Sum

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			ed at the TX reference point every 4 seconds .			
pmTransmittedCarrierPower_Min	INTENSITY	FLOAT	The minimum transmitted carrier power measured at the TX reference point every 4 seconds .	ME_NodeBFunction_RbsLocalCell_Carrier.pmTransmittedCarrierPower_Min	Average	Average, enblbh, Maximum, Minimum, Sum
pmTransmittedCarrierPowerNonHs_Avg	INTENSITY	FLOAT	- Obsolete in P5, moved to CDMA_Channel for proper object model-The average transmitted carrier power for all codes not used for High-Speed	ManagedElement_NodeBFunction_Carrier_HsDsch.pmTransmittedCarrierPowerNonHs_Avg	Average	Average, enblbh, Maximum, Minimum, Sum

			Physical Downlink Shared Channel (HS-PDSCH) or HS-SCCH transmission			
pmTransmittedCarrierPowerNonHs_Max	INTENSITY	FLOAT	- Obsolete in P5, moved to CDMA_Channel for proper object model-The maximum distribution of transmitted carrier power for all codes not used for High-Speed Physical	ManagedElement_NodeBFunction_Carrier_HsDsch.pmTransmittedCarrierPowerNonHs_Max	Average	Average, enblbh, Maximum, Minimum, Sum

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			l Downli nk Shared Channe l (HS- PDSCH) or HS- SCCH transmi ssion		
pmTransmittedCarrierPowerNonHs_Min	INTEN SITY	FLO AT	- Obsolet e in P5, moved to CDMA _Chann el for proper object model- The minimu m transmi tted carrier power for all codes not used for High- Speed Physica l Downli nk Shared Channe l (HS- PDSCH) or	ManagedElement_NodeBFunction_Carrier_HsDsch.pmTransmittedCarrierPowerNonHs_Min	Averag e Average , enblbh, Maximu m, Minimu m, Sum

			HS-SCCH transmission			
pmUsedCqi_Avg	INTENSITY	FLOAT	- Obsolete in P5, moved to CDMA_Channel for proper object model-The average adjusted CQI, which is used to calculate the transport format when the user is transmitting on the high-speed-DSCH	ManagedElement_NodeBFunction_Carrier_HsDsch.pmUsedCqi_Avg	Average	Average, enblbh, Maximum, Minimum, Sum
pmUsedCqi_Max	INTENSITY	FLOAT	- Obsolete in P5, moved	ManagedElement_NodeBFunction_Carrier_HsDsch.pmUsedCqi_Max	Average	Average, enblbh, Maximum,

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			to CDMA_Channel for proper object model-The maximum adjusted CQI, which is used to calculate the transport format when the user is transmitting on the high-speed-DSCH			Minimum, Sum
pmUsedCqi_Min	INTENSITY	FLOAT	- Obsolete in P5, moved to CDMA_Channel for proper object model-The minimum adjusted CQI,	ManagedElement_NodeBFunction_Carrier_HsDsch.pmUsedCqi_Min	Average	Average, enblbh, Maximum, Minimum, Sum

			which is used to calculate the transport format when the user is transmitting on the high-speed-DSCH			
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7.9.2 BS_Carrier.Ericsson.UMTS.PDF_pmAverageRssi

pmAverageRssi PDF counters

KPI	Type	Data Type	Description	Derivation	Default Aggregator	Other Aggregators
pmAverageRssi_0	ACCUMULATION	INTEGER	Received Signal Strength RSSI.	ME_NodeBFunction_RbsLocalCell_Carrier.pmAverageRssi_0	Sum	
pmAverageRssi_10	ACCUMULATION	INTEGER	Received Signal Strength RSSI.	ME_NodeBFunction_RbsLocalCell_Carrier.pmAverageRssi_10	Sum	
pmAverageRssi_11	ACCUMULATION	INTEGER	Received Signal Strength RSSI.	ME_NodeBFunction_RbsLocalCell_Carrier.pmAverageRssi_11	Sum	
pmAverageRssi	ACCUMULATION	INTEGER	Received	ME_NodeBFunction	Sum	

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_12	TION	ER	Signal Strength RSSI.	_RbsLocalCell_Carrier.pmAverageRssi_12		
pmAverageRssi_13	ACCUMULATION	INTEGER	Received Signal Strength RSSI.	ME_NodeBFunction_RbsLocalCell_Carrier.pmAverageRssi_13	Sum	
pmAverageRssi_14	ACCUMULATION	INTEGER	Received Signal Strength RSSI.	ME_NodeBFunction_RbsLocalCell_Carrier.pmAverageRssi_14	Sum	
pmAverageRssi_15	ACCUMULATION	INTEGER	Received Signal Strength RSSI.	ME_NodeBFunction_RbsLocalCell_Carrier.pmAverageRssi_15	Sum	
pmAverageRssi_16	ACCUMULATION	INTEGER	Received Signal Strength RSSI.	ME_NodeBFunction_RbsLocalCell_Carrier.pmAverageRssi_16	Sum	
pmAverageRssi_17	ACCUMULATION	INTEGER	Received Signal Strength RSSI.	ME_NodeBFunction_RbsLocalCell_Carrier.pmAverageRssi_17	Sum	
pmAverageRssi_18	ACCUMULATION	INTEGER	Received Signal Strength RSSI.	ME_NodeBFunction_RbsLocalCell_Carrier.pmAverageRssi_18	Sum	
pmAverageRssi_19	ACCUMULATION	INTEGER	Received Signal Strength RSSI.	ME_NodeBFunction_RbsLocalCell_Carrier.pmAverageRssi_19	Sum	
pmAverageRssi_1	ACCUMULATION	INTEGER	Received Signal Strength RSSI.	ME_NodeBFunction_RbsLocalCell_Carrier.pmAverageRssi_1	Sum	
pmAverageRssi_20	ACCUMULATION	INTEGER	Received Signal Strength RSSI.	ME_NodeBFunction_RbsLocalCell_Carrier.pmAverageRssi_20	Sum	
pmAverageRssi	ACCUMULATION	INTEGER	Received	ME_NodeBFunction	Sum	

_21	TION	ER	Signal Strength RSSI.	_RbsLocalCell_Carrier.pmAverageRssi_21		
pmAverageRssi_22	ACCUMULATION	INTEGER	Received Signal Strength RSSI.	ME_NodeBFunction_RbsLocalCell_Carrier.pmAverageRssi_22	Sum	
pmAverageRssi_23	ACCUMULATION	INTEGER	Received Signal Strength RSSI.	ME_NodeBFunction_RbsLocalCell_Carrier.pmAverageRssi_23	Sum	
pmAverageRssi_24	ACCUMULATION	INTEGER	Received Signal Strength RSSI.	ME_NodeBFunction_RbsLocalCell_Carrier.pmAverageRssi_24	Sum	
pmAverageRssi_25	ACCUMULATION	INTEGER	Received Signal Strength RSSI.	ME_NodeBFunction_RbsLocalCell_Carrier.pmAverageRssi_25	Sum	
pmAverageRssi_26	ACCUMULATION	INTEGER	Received Signal Strength RSSI.	ME_NodeBFunction_RbsLocalCell_Carrier.pmAverageRssi_26	Sum	
pmAverageRssi_27	ACCUMULATION	INTEGER	Received Signal Strength RSSI.	ME_NodeBFunction_RbsLocalCell_Carrier.pmAverageRssi_27	Sum	
pmAverageRssi_28	ACCUMULATION	INTEGER	Received Signal Strength RSSI.	ME_NodeBFunction_RbsLocalCell_Carrier.pmAverageRssi_28	Sum	
pmAverageRssi_29	ACCUMULATION	INTEGER	Received Signal Strength RSSI.	ME_NodeBFunction_RbsLocalCell_Carrier.pmAverageRssi_29	Sum	

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pmAverageRssi_2	ACCUMULATION	INTEGER	Received Signal Strength RSSI.	ME_NodeBFunction_RbsLocalCell_Carrier.pmAverageRssi_2	Sum	
pmAverageRssi_30	ACCUMULATION	INTEGER	Received Signal Strength RSSI.	ME_NodeBFunction_RbsLocalCell_Carrier.pmAverageRssi_30	Sum	
pmAverageRssi_31	ACCUMULATION	INTEGER	Received Signal Strength RSSI.	ME_NodeBFunction_RbsLocalCell_Carrier.pmAverageRssi_31	Sum	
pmAverageRssi_32	ACCUMULATION	INTEGER	Received Signal Strength RSSI.	ME_NodeBFunction_RbsLocalCell_Carrier.pmAverageRssi_32	Sum	
pmAverageRssi_33	ACCUMULATION	INTEGER	Received Signal Strength RSSI.	ME_NodeBFunction_RbsLocalCell_Carrier.pmAverageRssi_33	Sum	
pmAverageRssi_34	ACCUMULATION	INTEGER	Received Signal Strength RSSI.	ME_NodeBFunction_RbsLocalCell_Carrier.pmAverageRssi_34	Sum	
pmAverageRssi_35	ACCUMULATION	INTEGER	Received Signal Strength RSSI.	ME_NodeBFunction_RbsLocalCell_Carrier.pmAverageRssi_35	Sum	
pmAverageRssi_36	ACCUMULATION	INTEGER	Received Signal Strength RSSI.	ME_NodeBFunction_RbsLocalCell_Carrier.pmAverageRssi_36	Sum	
pmAverageRssi_37	ACCUMULATION	INTEGER	Received Signal Strength RSSI.	ME_NodeBFunction_RbsLocalCell_Carrier.pmAverageRssi_37	Sum	
pmAverageRssi_38	ACCUMULATION	INTEGER	Received Signal Strength RSSI.	ME_NodeBFunction_RbsLocalCell_Carrier.pmAverageRssi_38	Sum	

pmAverageRssi_39	ACCUMULATION	INTEGER	Received Signal Strength RSSI.	ME_NodeBFunction_RbsLocalCell_Carrier.pmAverageRssi_39	Sum	
pmAverageRssi_3	ACCUMULATION	INTEGER	Received Signal Strength RSSI.	ME_NodeBFunction_RbsLocalCell_Carrier.pmAverageRssi_3	Sum	
pmAverageRssi_40	ACCUMULATION	INTEGER	Received Signal Strength RSSI.	ME_NodeBFunction_RbsLocalCell_Carrier.pmAverageRssi_40	Sum	
pmAverageRssi_41	ACCUMULATION	INTEGER	Received Signal Strength RSSI.	ME_NodeBFunction_RbsLocalCell_Carrier.pmAverageRssi_41	Sum	
pmAverageRssi_42	ACCUMULATION	INTEGER	Received Signal Strength RSSI.	ME_NodeBFunction_RbsLocalCell_Carrier.pmAverageRssi_42	Sum	
pmAverageRssi_43	ACCUMULATION	INTEGER	Received Signal Strength RSSI.	ME_NodeBFunction_RbsLocalCell_Carrier.pmAverageRssi_43	Sum	
pmAverageRssi_44	ACCUMULATION	INTEGER	Received Signal Strength RSSI.	ME_NodeBFunction_RbsLocalCell_Carrier.pmAverageRssi_44	Sum	
pmAverageRssi_45	ACCUMULATION	INTEGER	Received Signal Strength RSSI.	ME_NodeBFunction_RbsLocalCell_Carrier.pmAverageRssi_45	Sum	
pmAverageRssi_46	ACCUMULATION	INTEGER	Received Signal Strength RSSI.	ME_NodeBFunction_RbsLocalCell_Carrier.pmAverageRssi_46	Sum	

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pmAverageRssi_47	ACCUMULATION	INTEGER	Received Signal Strength RSSI.	ME_NodeBFunction_RbsLocalCell_Carrier.pmAverageRssi_47	Sum	
pmAverageRssi_48	ACCUMULATION	INTEGER	Received Signal Strength RSSI.	ME_NodeBFunction_RbsLocalCell_Carrier.pmAverageRssi_48	Sum	
pmAverageRssi_49	ACCUMULATION	INTEGER	Received Signal Strength RSSI.	ME_NodeBFunction_RbsLocalCell_Carrier.pmAverageRssi_49	Sum	
pmAverageRssi_4	ACCUMULATION	INTEGER	Received Signal Strength RSSI.	ME_NodeBFunction_RbsLocalCell_Carrier.pmAverageRssi_4	Sum	
pmAverageRssi_50	ACCUMULATION	INTEGER	Received Signal Strength RSSI.	ME_NodeBFunction_RbsLocalCell_Carrier.pmAverageRssi_50	Sum	
pmAverageRssi_51	ACCUMULATION	INTEGER	Received Signal Strength RSSI.	ME_NodeBFunction_RbsLocalCell_Carrier.pmAverageRssi_51	Sum	
pmAverageRssi_52	ACCUMULATION	INTEGER	Received Signal Strength RSSI.	ME_NodeBFunction_RbsLocalCell_Carrier.pmAverageRssi_52	Sum	
pmAverageRssi_53	ACCUMULATION	INTEGER	Received Signal Strength RSSI.	ME_NodeBFunction_RbsLocalCell_Carrier.pmAverageRssi_53	Sum	
pmAverageRssi_54	ACCUMULATION	INTEGER	Received Signal Strength RSSI.	ME_NodeBFunction_RbsLocalCell_Carrier.pmAverageRssi_54	Sum	
pmAverageRssi_55	ACCUMULATION	INTEGER	Received Signal Strength RSSI.	ME_NodeBFunction_RbsLocalCell_Carrier.pmAverageRssi_55	Sum	

pmAverageRssi_56	ACCUMULATION	INTEGER	Received Signal Strength RSSI.	ME_NodeBFunction_RbsLocalCell_Carrier.pmAverageRssi_56	Sum	
pmAverageRssi_57	ACCUMULATION	INTEGER	Received Signal Strength RSSI.	ME_NodeBFunction_RbsLocalCell_Carrier.pmAverageRssi_57	Sum	
pmAverageRssi_58	ACCUMULATION	INTEGER	Received Signal Strength RSSI.	ME_NodeBFunction_RbsLocalCell_Carrier.pmAverageRssi_58	Sum	
pmAverageRssi_59	ACCUMULATION	INTEGER	Received Signal Strength RSSI.	ME_NodeBFunction_RbsLocalCell_Carrier.pmAverageRssi_59	Sum	
pmAverageRssi_5	ACCUMULATION	INTEGER	Received Signal Strength RSSI.	ME_NodeBFunction_RbsLocalCell_Carrier.pmAverageRssi_5	Sum	
pmAverageRssi_60	ACCUMULATION	INTEGER	Received Signal Strength RSSI.	ME_NodeBFunction_RbsLocalCell_Carrier.pmAverageRssi_60	Sum	
pmAverageRssi_61	ACCUMULATION	INTEGER	Received Signal Strength RSSI.	ME_NodeBFunction_RbsLocalCell_Carrier.pmAverageRssi_61	Sum	
pmAverageRssi_62	ACCUMULATION	INTEGER	Received Signal Strength RSSI.	ME_NodeBFunction_RbsLocalCell_Carrier.pmAverageRssi_62	Sum	
pmAverageRssi_63	ACCUMULATION	INTEGER	Received Signal Strength RSSI.	ME_NodeBFunction_RbsLocalCell_Carrier.pmAverageRssi_63	Sum	

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pmAverageRssi_64	ACCUMULATION	INTEGER	Received Signal Strength RSSI.	ME_NodeBFunction_RbsLocalCell_Carrier.pmAverageRssi_64	Sum	
pmAverageRssi_6	ACCUMULATION	INTEGER	Received Signal Strength RSSI.	ME_NodeBFunction_RbsLocalCell_Carrier.pmAverageRssi_6	Sum	
pmAverageRssi_7	ACCUMULATION	INTEGER	Received Signal Strength RSSI.	ME_NodeBFunction_RbsLocalCell_Carrier.pmAverageRssi_7	Sum	
pmAverageRssi_8	ACCUMULATION	INTEGER	Received Signal Strength RSSI.	ME_NodeBFunction_RbsLocalCell_Carrier.pmAverageRssi_8	Sum	
pmAverageRssi_9	ACCUMULATION	INTEGER	Received Signal Strength RSSI.	ME_NodeBFunction_RbsLocalCell_Carrier.pmAverageRssi_9	Sum	

7.9.3 BS_Carrier.Ericsson.UMTS.PDF_pmTransmittedCarrierPower

pmTransmittedCarrierPower PDF counters

KPI	Type	Data Type	Description	Derivation	Default Aggregator	Other Aggregators
pmTransmittedCarrierPower_0	ACCUMULATION	INTEGER	The transmitted carrier power.	ME_NodeBFunction_RbsLocalCell_Carrier.pmTransmittedCarrierPower_0	Sum	
pmTransmittedCarrierPower_10	ACCUMULATION	INTEGER	The transmitted carrier power.	ME_NodeBFunction_RbsLocalCell_Carrier.pmTransmittedCarrierPower_10	Sum	
pmTransmittedCarrierPower_11	ACCUMULATION	INTEGER	The transmitted	ME_NodeBFunction_RbsLocalCell_Carrier.pmTransmittedCarrierPower_11	Sum	

			carrier power.			
pmTransmittedCarrierPower_12	ACCUMULATION	INTEGER	The transmitted carrier power.	ME_NodeBFunction_RbsLocalCell_Carrier.pmTransmittedCarrierPower_12	Sum	
pmTransmittedCarrierPower_13	ACCUMULATION	INTEGER	The transmitted carrier power.	ME_NodeBFunction_RbsLocalCell_Carrier.pmTransmittedCarrierPower_13	Sum	
pmTransmittedCarrierPower_14	ACCUMULATION	INTEGER	The transmitted carrier power.	ME_NodeBFunction_RbsLocalCell_Carrier.pmTransmittedCarrierPower_14	Sum	
pmTransmittedCarrierPower_15	ACCUMULATION	INTEGER	The transmitted carrier power.	ME_NodeBFunction_RbsLocalCell_Carrier.pmTransmittedCarrierPower_15	Sum	
pmTransmittedCarrierPower_16	ACCUMULATION	INTEGER	The transmitted carrier power.	ME_NodeBFunction_RbsLocalCell_Carrier.pmTransmittedCarrierPower_16	Sum	
pmTransmittedCarrierPower_17	ACCUMULATION	INTEGER	The transmitted carrier power.	ME_NodeBFunction_RbsLocalCell_Carrier.pmTransmittedCarrierPower_17	Sum	
pmTransmittedCarrierPower_18	ACCUMULATION	INTEGER	The transmitted carrier	ME_NodeBFunction_RbsLocalCell_Carrier.pmTransmittedCarrierPower_18	Sum	

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			power.			
pmTransmittedCarrierPower_19	ACCUMULATION	INTEGER	The transmitted carrier power.	ME_NodeBFunction_Rbs LocalCell_Carrier.pmTransmittedCarrierPower_19	Sum	
pmTransmittedCarrierPower_1	ACCUMULATION	INTEGER	The transmitted carrier power.	ME_NodeBFunction_Rbs LocalCell_Carrier.pmTransmittedCarrierPower_1	Sum	
pmTransmittedCarrierPower_20	ACCUMULATION	INTEGER	The transmitted carrier power.	ME_NodeBFunction_Rbs LocalCell_Carrier.pmTransmittedCarrierPower_20	Sum	
pmTransmittedCarrierPower_21	ACCUMULATION	INTEGER	The transmitted carrier power.	ME_NodeBFunction_Rbs LocalCell_Carrier.pmTransmittedCarrierPower_21	Sum	
pmTransmittedCarrierPower_22	ACCUMULATION	INTEGER	The transmitted carrier power.	ME_NodeBFunction_Rbs LocalCell_Carrier.pmTransmittedCarrierPower_22	Sum	
pmTransmittedCarrierPower_23	ACCUMULATION	INTEGER	The transmitted carrier power.	ME_NodeBFunction_Rbs LocalCell_Carrier.pmTransmittedCarrierPower_23	Sum	
pmTransmittedCarrierPower_24	ACCUMULATION	INTEGER	The transmitted carrier power.	ME_NodeBFunction_Rbs LocalCell_Carrier.pmTransmittedCarrierPower_24	Sum	
pmTransmittedCarrierPower_25	ACCUMULATION	INTEGER	The transmitted carrier power.	ME_NodeBFunction_Rbs LocalCell_Carrier.pmTransmittedCarrierPower_25	Sum	

pmTransmittedCarrierPower_26	ACCUMULATION	INTEGER	The transmitted carrier power.	ME_NodeBFunction_RbsLocalCell_Carrier.pmTransmittedCarrierPower_26	Sum	
pmTransmittedCarrierPower_27	ACCUMULATION	INTEGER	The transmitted carrier power.	ME_NodeBFunction_RbsLocalCell_Carrier.pmTransmittedCarrierPower_27	Sum	
pmTransmittedCarrierPower_28	ACCUMULATION	INTEGER	The transmitted carrier power.	ME_NodeBFunction_RbsLocalCell_Carrier.pmTransmittedCarrierPower_28	Sum	
pmTransmittedCarrierPower_29	ACCUMULATION	INTEGER	The transmitted carrier power.	ME_NodeBFunction_RbsLocalCell_Carrier.pmTransmittedCarrierPower_29	Sum	
pmTransmittedCarrierPower_2	ACCUMULATION	INTEGER	The transmitted carrier power.	ME_NodeBFunction_RbsLocalCell_Carrier.pmTransmittedCarrierPower_2	Sum	
pmTransmittedCarrierPower_30	ACCUMULATION	INTEGER	The transmitted carrier power.	ME_NodeBFunction_RbsLocalCell_Carrier.pmTransmittedCarrierPower_30	Sum	
pmTransmittedCarrierPower_31	ACCUMULATION	INTEGER	The transmitted carrier power.	ME_NodeBFunction_RbsLocalCell_Carrier.pmTransmittedCarrierPower_31	Sum	
pmTransmittedCarrierPower	ACCUMULATION	INTEGER	The transmitted carrier power.	ME_NodeBFunction_RbsLocalCell_Carrier.pmTransmittedCarrierPower	Sum	

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erPower_32	ATION	GER	transmitted carrier power.	LocalCell_Carrier.pmTransmittedCarrierPower_32		
pmTransmittedCarrierPower_33	ACCUMULATION	INTEGER	The transmitted carrier power.	ME_NodeBFunction_Rbs LocalCell_Carrier.pmTransmittedCarrierPower_33	Sum	
pmTransmittedCarrierPower_34	ACCUMULATION	INTEGER	The transmitted carrier power.	ME_NodeBFunction_Rbs LocalCell_Carrier.pmTransmittedCarrierPower_34	Sum	
pmTransmittedCarrierPower_35	ACCUMULATION	INTEGER	The transmitted carrier power.	ME_NodeBFunction_Rbs LocalCell_Carrier.pmTransmittedCarrierPower_35	Sum	
pmTransmittedCarrierPower_36	ACCUMULATION	INTEGER	The transmitted carrier power.	ME_NodeBFunction_Rbs LocalCell_Carrier.pmTransmittedCarrierPower_36	Sum	
pmTransmittedCarrierPower_37	ACCUMULATION	INTEGER	The transmitted carrier power.	ME_NodeBFunction_Rbs LocalCell_Carrier.pmTransmittedCarrierPower_37	Sum	
pmTransmittedCarrierPower_38	ACCUMULATION	INTEGER	The transmitted carrier power.	ME_NodeBFunction_Rbs LocalCell_Carrier.pmTransmittedCarrierPower_38	Sum	
pmTransmittedCarrierPower_39	ACCUMULATION	INTEGER	The transmitted carrier power.	ME_NodeBFunction_Rbs LocalCell_Carrier.pmTransmittedCarrierPower_39	Sum	
pmTransmittedCarrierPower_3	ACCUMULATION	INTEGER	The transmit	ME_NodeBFunction_Rbs LocalCell_Carrier.pmTra	Sum	

			ted carrier power.	nsmittedCarrierPower_3		
pmTransmittedCarrierPower_40	ACCUMULATION	INTEGER	The transmitted carrier power.	ME_NodeBFunction_RbsLocalCell_Carrier.pmTransmittedCarrierPower_40	Sum	
pmTransmittedCarrierPower_41	ACCUMULATION	INTEGER	The transmitted carrier power.	ME_NodeBFunction_RbsLocalCell_Carrier.pmTransmittedCarrierPower_41	Sum	
pmTransmittedCarrierPower_42	ACCUMULATION	INTEGER	The transmitted carrier power.	ME_NodeBFunction_RbsLocalCell_Carrier.pmTransmittedCarrierPower_42	Sum	
pmTransmittedCarrierPower_43	ACCUMULATION	INTEGER	The transmitted carrier power.	ME_NodeBFunction_RbsLocalCell_Carrier.pmTransmittedCarrierPower_43	Sum	
pmTransmittedCarrierPower_44	ACCUMULATION	INTEGER	The transmitted carrier power.	ME_NodeBFunction_RbsLocalCell_Carrier.pmTransmittedCarrierPower_44	Sum	
pmTransmittedCarrierPower_45	ACCUMULATION	INTEGER	The transmitted carrier power.	ME_NodeBFunction_RbsLocalCell_Carrier.pmTransmittedCarrierPower_45	Sum	
pmTransmittedCarrierPower_46	ACCUMULATION	INTEGER	The transmitted	ME_NodeBFunction_RbsLocalCell_Carrier.pmTransmittedCarrierPower_46	Sum	

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			carrier power.			
pmTransmittedCarrierPower_47	ACCUMULATION	INTEGER	The transmitted carrier power.	ME_NodeBFunction_Rbs LocalCell_Carrier.pmTransmittedCarrierPower_47	Sum	
pmTransmittedCarrierPower_48	ACCUMULATION	INTEGER	The transmitted carrier power.	ME_NodeBFunction_Rbs LocalCell_Carrier.pmTransmittedCarrierPower_48	Sum	
pmTransmittedCarrierPower_49	ACCUMULATION	INTEGER	The transmitted carrier power.	ME_NodeBFunction_Rbs LocalCell_Carrier.pmTransmittedCarrierPower_49	Sum	
pmTransmittedCarrierPower_4	ACCUMULATION	INTEGER	The transmitted carrier power.	ME_NodeBFunction_Rbs LocalCell_Carrier.pmTransmittedCarrierPower_4	Sum	
pmTransmittedCarrierPower_50	ACCUMULATION	INTEGER	The transmitted carrier power.	ME_NodeBFunction_Rbs LocalCell_Carrier.pmTransmittedCarrierPower_50	Sum	
pmTransmittedCarrierPower_51	ACCUMULATION	INTEGER	The transmitted carrier power.	ME_NodeBFunction_Rbs LocalCell_Carrier.pmTransmittedCarrierPower_51	Sum	
pmTransmittedCarrierPower_5	ACCUMULATION	INTEGER	The transmitted carrier power.	ME_NodeBFunction_Rbs LocalCell_Carrier.pmTransmittedCarrierPower_5	Sum	
pmTransmittedCarrierPower_6	ACCUMULATION	INTEGER	The transmitted carrier	ME_NodeBFunction_Rbs LocalCell_Carrier.pmTransmittedCarrierPower_6	Sum	

			power.			
pmTransmittedCarrierPower_7	ACCUMULATION	INTEGER	The transmitted carrier power.	ME_NodeBFunction_RbsLocalCell_Carrier.pmTransmittedCarrierPower_7	Sum	
pmTransmittedCarrierPower_8	ACCUMULATION	INTEGER	The transmitted carrier power.	ME_NodeBFunction_RbsLocalCell_Carrier.pmTransmittedCarrierPower_8	Sum	
pmTransmittedCarrierPower_9	ACCUMULATION	INTEGER	The transmitted carrier power.	ME_NodeBFunction_RbsLocalCell_Carrier.pmTransmittedCarrierPower_9	Sum	

7.10 CC_SP_Device Performance Indicators

This section shows the key performance indicators and other counters for the CC_SP_Device object, divided into the following sub-sections:

- [CC_SP_Device.Ericsson.UMTS.SP_DevicePool_CC](#)

7.10.1 CC_SP_Device.Ericsson.UMTS.SP_DevicePool_CC

CC SP processor related statistics.

KPI	Type	Data Type	Description	Derivation	Default Aggregator	Other Aggregators
AvgCcSpLoad	PERCENTAGE	FLOAT	The averaged measured load on The	100 * {pmSumMeasuredCcSpLoad}/ {pmSamplesMeasuredCcSpLoad}	Average	Average, erttbh

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			CC SP		
pmSamplesMeasuredCcSpLoad	ACCUMULATION	INTEGER	Number of samples recorded within the ROP period for -Level of the averaged measured load on the CC SP-	ME_Eqpt_SpDevicePool_CcDevice.pmSamplesMeasuredCcSpLoad	Sum erttbh, Sum
pmSumMeasuredCcSpLoad	ACCUMULATION	INTEGER	Sum of all sample values recorded for -Level of the averaged measured load on the CC SP-	ME_Eqpt_SpDevicePool_CcDevice.pmSumMeasuredCcSpLoad	Sum erttbh, Sum

7.11 CchFrameSynch Performance Indicators

This section shows the key performance indicators and other counters for the CchFrameSynch object, divided into the following sub-sections:

- [CchFrameSynch.Ericsson.UMTS.Cch_Frame_Synchronisation](#)

7.11.1 CchFrameSynch.Ericsson.UMTS.Cch_Frame_Synchronisation

Cch frame synchronisation statistics on FACH and PCH.

KPI	Type	Data Type	Description	Derivation	Default Aggregator	Other Aggregators
pmNoCchDiscardedDataFramesE	ACCUMULATION	INTEGER	Number of discarded DL data frames due to too early reception.	ManagedElement_RncFunction_CchFrameSynch.pmNoCchDiscardedDataFramesE	Sum	erttbh, Sum
pmNoCchDiscardedDataFramesL	ACCUMULATION	INTEGER	Number of discarded DL data frames due to too late reception.	ManagedElement_RncFunction_CchFrameSynch.pmNoCchDiscardedDataFramesL	Sum	erttbh, Sum
pmNoCchTimingAdjContrFrames	ACCUMULATION	INTEGER	Number of received DL timing adjustment control frames for	ManagedElement_RncFunction_CchFrameSynch.pmNoCchTimingAdjContrFrames	Sum	erttbh, Sum

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		FACH and PCH.		
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7.12 CDMA_Channel Performance Indicators

This section shows the key performance indicators and other counters for the CDMA_Channel object, divided into the following sub-sections:

- [CDMA_Channel.Ericsson.UMTS.Active_Subframes](#)
- [CDMA_Channel.Ericsson.UMTS.Common_Channel_Handling](#)
- [CDMA_Channel.Ericsson.UMTS.EDCH_Resource](#)
- [CDMA_Channel.Ericsson.UMTS.Frame_Delay_SPI_1](#)
- [CDMA_Channel.Ericsson.UMTS.Frame_Delay_SPI_2](#)
- [CDMA_Channel.Ericsson.UMTS.HSDSCH_Resource](#)
- [CDMA_Channel.Ericsson.UMTS.Inactive_Subframes](#)
- [CDMA_Channel.Ericsson.UMTS.Modulation](#)
- [CDMA_Channel.Ericsson.UMTS.PDF_pmAck16Qam](#)
- [CDMA_Channel.Ericsson.UMTS.PDF_pmAck64Qam](#)
- [CDMA_Channel.Ericsson.UMTS.PDF_pmAckQpsk](#)
- [CDMA_Channel.Ericsson.UMTS.PDF_pmAverageUserRate](#)
- [CDMA_Channel.Ericsson.UMTS.PDF_pmCapacityHsDschUsers](#)
- [CDMA_Channel.Ericsson.UMTS.PDF_pmCapacityHsPdschCodes](#)
- [CDMA_Channel.Ericsson.UMTS.PDF_pmCapacityServEDchUsers](#)
- [CDMA_Channel.Ericsson.UMTS.PDF_pmCommonChPowerEul](#)
- [CDMA_Channel.Ericsson.UMTS.PDF_pmDelayDistributionSpi00](#)
- [CDMA_Channel.Ericsson.UMTS.PDF_pmDelayDistributionSpi01](#)
- [CDMA_Channel.Ericsson.UMTS.PDF_pmDelayDistributionSpi02](#)
- [CDMA_Channel.Ericsson.UMTS.PDF_pmDelayDistributionSpi03](#)
- [CDMA_Channel.Ericsson.UMTS.PDF_pmDelayDistributionSpi04](#)
- [CDMA_Channel.Ericsson.UMTS.PDF_pmDelayDistributionSpi05](#)
- [CDMA_Channel.Ericsson.UMTS.PDF_pmDelayDistributionSpi06](#)
- [CDMA_Channel.Ericsson.UMTS.PDF_pmDelayDistributionSpi07](#)
- [CDMA_Channel.Ericsson.UMTS.PDF_pmDelayDistributionSpi08](#)
- [CDMA_Channel.Ericsson.UMTS.PDF_pmDelayDistributionSpi09](#)
- [CDMA_Channel.Ericsson.UMTS.PDF_pmDelayDistributionSpi10](#)
- [CDMA_Channel.Ericsson.UMTS.PDF_pmDelayDistributionSpi11](#)
- [CDMA_Channel.Ericsson.UMTS.PDF_pmDelayDistributionSpi12](#)
- [CDMA_Channel.Ericsson.UMTS.PDF_pmDelayDistributionSpi13](#)
- [CDMA_Channel.Ericsson.UMTS.PDF_pmDelayDistributionSpi14](#)
- [CDMA_Channel.Ericsson.UMTS.PDF_pmDelayDistributionSpi15](#)
- [CDMA_Channel.Ericsson.UMTS.PDF_pmLEDchTot](#)
- [CDMA_Channel.Ericsson.UMTS.PDF_pmLMaxEDch](#)
- [CDMA_Channel.Ericsson.UMTS.PDF_pmMbmsScepcchTransmittedTfc](#)
- [CDMA_Channel.Ericsson.UMTS.PDF_pmNoiseFloor](#)
- [CDMA_Channel.Ericsson.UMTS.PDF_pmNoSchEdchEul](#)

- [CDMA_Channel.Ericsson.UMTS.PDF_pmOwnUuLoad](#)
- [CDMA_Channel.Ericsson.UMTS.PDF_pmPropagationDelay](#)
- [CDMA_Channel.Ericsson.UMTS.PDF_pmReceivedPreambleSir](#)
- [CDMA_Channel.Ericsson.UMTS.PDF_pmRemainingResourceCheck](#)
- [CDMA_Channel.Ericsson.UMTS.PDF_pmReportedCqi64Qam](#)
- [CDMA_Channel.Ericsson.UMTS.PDF_pmReportedCqiMimoDs1](#)
- [CDMA_Channel.Ericsson.UMTS.PDF_pmReportedCqiMimoDs2](#)
- [CDMA_Channel.Ericsson.UMTS.PDF_pmReportedCqiMimoSs](#)
- [CDMA_Channel.Ericsson.UMTS.PDF_pmReportedCqi](#)
- [CDMA_Channel.Ericsson.UMTS.PDF_pmSumOfHsScchUsedPwr](#)
- [CDMA_Channel.Ericsson.UMTS.PDF_pmTotalRotCoverage](#)
- [CDMA_Channel.Ericsson.UMTS.PDF_pmTotRateGrantedEul](#)
- [CDMA_Channel.Ericsson.UMTS.PDF_pmTransmittedCarrierPowerHs](#)
- [CDMA_Channel.Ericsson.UMTS.PDF_pmTransmittedCarrierPowerNonHs](#)
- [CDMA_Channel.Ericsson.UMTS.PDF_pmUsedCqi](#)
- [CDMA_Channel.Ericsson.UMTS.PDF_pmUsedHsPdschCodes](#)
- [CDMA_Channel.Ericsson.UMTS.PDF_pmUsedTbs16Qam](#)
- [CDMA_Channel.Ericsson.UMTS.PDF_pmUsedTbs64Qam](#)
- [CDMA_Channel.Ericsson.UMTS.PDF_pmUsedTbsQpsk](#)
- [CDMA_Channel.Ericsson.UMTS.PDF_pmWaitingTimeEul](#)
- [CDMA_Channel.Ericsson.UMTS.Signal_to_Inteference_on_RACH](#)
- [CDMA_Channel.Ericsson.UMTS.User_Buffer](#)
- [CDMA_Channel.Ericsson.UMTS.User_Scheduling](#)

7.12.1 CDMA_Channel.Ericsson.UMTS.Active_Subframes

Active subframes transmitted statistics

KPI	Type	Data Type	Description	Derivation	Default Aggregator	Other Aggregators
pmNoActiveSubFramesSpi00	ACCUMULATION	INTEGER	The number of subframes containing high-speed data transmitted by the RBS. The counter is per cell and per	ME_NodeBFunction_HsDschResources.pmNoActiveSubFramesSpi00	Sum	ecttbh, enblbh, Sum

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			<p>subframe, meaning increments with max 1 per subframe. A -subframe- is a 2 ms TTI for HS-DSCH. Each counter observes a specific SPI. The different flows are configured ON/OFF using RBS MOM parameter IubDataStreams::schHsFlowControlOnOff.</p>		
pmNoActiveSubFramesSpi01	ACCUMULATION	INTEGER	<p>The number of subframes containing high-speed data transmitted by the RBS. The counter is per cell and per subframe, meaning increments with max 1 per subframe. A -subframe- is a 2 ms TTI for HS-DSCH. Each counter observes a specific SPI. The different flows are configured ON/OFF using RBS MOM</p>	ME_NodeBFunction_HsDschResources.pmNoActiveSubFramesSpi01	<p>Sum</p> <p>ecttbh, enblbh, Sum</p>

			parameter IubDataStreams:: schHsFlowControlOnOff.			
pmNoActiveSubFramesSpi02	ACCUMULATION	INTEGER	The number of subframes containing high-speed data transmitted by the RBS. The counter is per cell and per subframe, meaning increments with max 1 per subframe. A -subframe- is a 2 ms TTI for HS-DSCH. Each counter observes a specific SPI. The different flows are configured ON/OFF using RBS MOM parameter IubDataStreams::schHsFlowControlOnOff.	ME_NodeBFunction_HsDschResources.pmNoActiveSubFramesSpi02	Sum	ecttbh, enblbh, Sum
pmNoActiveSubFramesSpi03	ACCUMULATION	INTEGER	The number of subframes containing high-speed data transmitted by the RBS. The	ME_NodeBFunction_HsDschResources.pmNoActiveSubFramesSpi03	Sum	ecttbh, enblbh, Sum

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			<p>counter is per cell and per subframe, meaning increments with max 1 per subframe. A -subframe- is a 2 ms TTI for HS-DSCH. Each counter observes a specific SPI. The different flows are configured ON/OFF using RBS MOM parameter IubDataStreams::schHsFlowControlOnOff.</p>		
pmNoActiveSubFramesSpi04	ACCUMULATION	INTEGER	<p>The number of subframes containing high-speed data transmitted by the RBS. The counter is per cell and per subframe, meaning increments with max 1 per subframe. A -subframe- is a 2 ms TTI for HS-DSCH. Each counter observes a specific SPI. The different flows are configured ON/OFF using RBS MOM parameter IubDataStreams::schHsFlowControlOnOff.</p>	ME_NodeBFunction_HsDschResources.pmNoActiveSubFramesSpi04	<p>Sum</p> <p>ecttbh, enlbh, Sum</p>

			OFF using RBS MOM parameter IubDataStream s::schHsFlowControlOnOff.		
pmNoActiveSubFramesSpi05	ACCUMULATION	INTEGER	The number of subframes containing high-speed data transmitted by the RBS. The counter is per cell and per subframe, meaning increments with max 1 per subframe. A -subframe- is a 2 ms TTI for HS-DSCH. Each counter observes a specific SPI. The different flows are configured ON/OFF using RBS MOM parameter IubDataStream s::schHsFlowControlOnOff.	ME_NodeBFunction_HsDschResources.pmNoActiveSubFramesSpi05	Sum ecttbh, enlbh, Sum
pmNoActiveSubFramesSpi06	ACCUMULATION	INTEGER	The number of subframes containing high-speed data	ME_NodeBFunction_HsDschResources.pmNoActiveSubFramesSpi06	Sum ecttbh, enlbh, Sum

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			<p>transmitted by the RBS. The counter is per cell and per subframe, meaning increments with max 1 per subframe. A -subframe- is a 2 ms TTI for HS-DSCH. Each counter observes a specific SPI. The different flows are configured ON/OFF using RBS MOM parameter IubDataStream s::schHsFlowControlOnOff.</p>			
pmNoActiveSubFramesSpi07	ACCUMULATION	INTEGER	<p>The number of subframes containing high-speed data transmitted by the RBS. The counter is per cell and per subframe, meaning increments with max 1 per subframe. A -subframe- is a 2 ms TTI for HS-DSCH. Each counter observes a specific SPI. The different</p>	ME_NodeBFunction_HsDschResources.pmNoActiveSubFramesSpi07	Sum	ecttbh, enblbh, Sum

			flows are configured ON/OFF using RBS MOM parameter IubDataStreams::schHsFlowControlOnOff.			
pmNoActiveSubFramesSpi08	ACCUMULATION	INTEGER	The number of subframes containing high-speed data transmitted by the RBS. The counter is per cell and per subframe, meaning increments with max 1 per subframe. A -subframe- is a 2 ms TTI for HS-DSCH. Each counter observes a specific SPI. The different flows are configured ON/OFF using RBS MOM parameter IubDataStreams::schHsFlowControlOnOff.	ME_NodeBFunction_HsDsChResources.pmNoActiveSubFramesSpi08	Sum	ecttbh, enblbh, Sum
pmNoActiveSubFramesSpi09	ACCUMULATION	INTEGER	The number of subframes	ME_NodeBFunction_HsDsChResources.pmNoActiveS	Sum	ecttbh, enblbh,

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			containing high-speed data transmitted by the RBS. The counter is per cell and per subframe, meaning increments with max 1 per subframe. A -subframe- is a 2 ms TTI for HS-DSCH. Each counter observes a specific SPI. The different flows are configured ON/OFF using RBS MOM parameter IubDataStream s:: schHsFlowControlOnOff.	ubFramesSpi09		Sum
pmNoActiveSubFramesSpi10	ACCUMULATION	INTEGER	The number of subframes containing high-speed data transmitted by the RBS. The counter is per cell and per subframe, meaning increments with max 1 per subframe. A -subframe- is a 2 ms TTI for HS-DSCH. Each counter observes a	ME_NodeBFunction_HsDschResources.pmNoActiveSubFramesSpi10	Sum	ectt h , enbl h , Sum

			specific SPI. The different flows are configured ON/OFF using RBS MOM parameter IubDataStreams::schHsFlowControlOnOff.		
pmNoActiveSubFramesSpi11	ACCUMULATION	INTEGER	The number of subframes containing high-speed data transmitted by the RBS. The counter is per cell and per subframe, meaning increments with max 1 per subframe. A -subframe- is a 2 ms TTI for HS-DSCH. Each counter observes a specific SPI. The different flows are configured ON/OFF using RBS MOM parameter IubDataStreams::schHsFlowControlOnOff.	ME_NodeBFunction_HsDschResources.pmNoActiveSubFramesSpi11	Sum ecttbh, enblbh, Sum

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pmNoActiveSubFramesSpi12	ACCUMULATION	INTEGER	<p>The number of subframes containing high-speed data transmitted by the RBS. The counter is per cell and per subframe, meaning increments with max 1 per subframe. A -subframe- is a 2 ms TTI for HS-DSCH. Each counter observes a specific SPI. The different flows are configured ON/OFF using RBS MOM parameter IubDataStreams::schHsFlowControlOnOff.</p>	ME_NodeBFunction_HsDschResources.pmNoActiveSubFramesSpi12	Sum	ecttbh, enlbh, Sum
pmNoActiveSubFramesSpi13	ACCUMULATION	INTEGER	<p>The number of subframes containing high-speed data transmitted by the RBS. The counter is per cell and per subframe, meaning increments with max 1 per subframe. A -subframe- is a 2 ms TTI for HS-DSCH.</p>	ME_NodeBFunction_HsDschResources.pmNoActiveSubFramesSpi13	Sum	ecttbh, enlbh, Sum

			Each counter observes a specific SPI. The different flows are configured ON/OFF using RBS MOM parameter IubDataStreams::schHsFlowControlOnOff.			
pmNoActiveSubFramesSpi14	ACCUMULATION	INTEGER	The number of subframes containing high-speed data transmitted by the RBS. The counter is per cell and per subframe, meaning increments with max 1 per subframe. A -subframe- is a 2 ms TTI for HS-DSCH. Each counter observes a specific SPI. The different flows are configured ON/OFF using RBS MOM parameter IubDataStreams::	ME_NodeBFunction_HsDschResources.pmNoActiveSubFramesSpi14	Sum	ecttbh, enblbh, Sum

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			schHsFlowControlOnOff.		
pmNoActiveSubFramesSpi15	ACCUMULATION	INTEGER	The number of subframes containing high-speed data transmitted by the RBS. The counter is per cell and per subframe, meaning increments with max 1 per subframe. A -subframe- is a 2 ms TTI for HS-DSCH. Each counter observes a specific SPI. The different flows are configured ON/OFF using RBS MOM parameter IubDataStreams::schHsFlowControlOnOff.	ME_NodeBFunction_HsDschResources.pmNoActiveSubFramesSpi15	Sum ecttbh, enblbh, Sum
Tot_pmNoActiveSubFramesSpi	ACCUMULATION	INT8	The total number of subframes containing high-speed data transmitted by the RBS.	ME_NodeBFunction_HsDschResources.pmNoActiveSubFramesSpi00 + pmNoActiveSubFramesSpi01 + pmNoActiveSubFramesSpi02 + pmNoActiveSubFramesSpi03 + pmNoActiveSubFramesSpi04 + pmNoActiveSubFramesSpi05 + pmNoActiveSubFramesSpi0	Sum ecttbh, enblbh, Sum

				6 + pmNoActiveSubFramesSpi0		
				7 + pmNoActiveSubFramesSpi0		
				8 + pmNoActiveSubFramesSpi0		
				9 + pmNoActiveSubFramesSpi1		
				0 + pmNoActiveSubFramesSpi1		
				1 + pmNoActiveSubFramesSpi1		
				2 + pmNoActiveSubFramesSpi1		
				3 + pmNoActiveSubFramesSpi1		
				4 + pmNoActiveSubFramesSpi1		
				5		

7.12.2 CDMA_Channel.Ericsson.UMTS.Common_Channel_Handling

Common Control Channel statistics.

KPI	Type	Data Type	Description	Derivation	Default Aggregator	Other Aggregators
pmMbmsSccpchTransmittedTfc_Avg	INTENSITY	FLOAT	Average: MBMS Transmitted TFCs on an SCCPCH with a certain spreading factor.	ManagedElement_NodeB Function_Carrier_Scpch. pmMbmsSccpchTransmittedTfc_Avg	Average	ecttbb, enblbh, Sum, Minimum, Maximum

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pmMbmsSccpchTransmittedTfc_Max	INTENSITY	INTEGER	Maximum: MBMS Transmitted TFCs on an SCCPCH with a certain spreading factor.	ManagedElement_NodeB Function_Carrier_Scpch. pmMbmsSccpchTransmittedTfc_Max	Average	ecttbh, enblbh, Sum, Minimum, Maximum
pmMbmsSccpchTransmittedTfc_Min	INTENSITY	INTEGER	Minimum: MBMS Transmitted TFCs on an SCCPCH with a certain spreading factor.	ManagedElement_NodeB Function_Carrier_Scpch. pmMbmsSccpchTransmittedTfc_Min	Average	ecttbh, enblbh, Sum, Minimum, Maximum
pmnegativemessages	ACCUMULATION	INT8	The number of negative Acquisition Indicator (AI) messages per GP sent on the Acquisition Indication Channel (AICH).	ManagedElement_NodeB Function_Sector_Carrier_Aich. pmNegativeMessages	Sum	ecttbh, enblbh, Sum
pmNoOfTfc1OnFach1	ACCUMULATION	INT8	The number	ManagedElement_NodeB Function_Carrier_Scpch.	Sum	ecttbh, enblbh,

			of transmitted Transport Format Combination 1 (TFC1) frames on FACH1.	pmNoOfTfc1OnFach1		Sum
pmNoOfTfc2OnFach1	ACCUMULATION	INT8	The number of transmitted Transport Format Combination 2 (TFC2) frames on FACH1.	ManagedElement_NodeB Function_Carrier_Scpch. pmNoOfTfc2OnFach1	Sum	ecttbh, enblbh, Sum
pmNoOfTfc3OnFach2	ACCUMULATION	INT8	The number of transmitted Transport Format Combination 3 (TFC3) frames on FACH2.	ManagedElement_NodeB Function_Carrier_Scpch. pmNoOfTfc3OnFach2	Sum	ecttbh, enblbh, Sum
pmNoPreambleFalse Detection	ACCUMULATION	INT8	The number	ME_NodeBFunction_Sector_Carrier_Prach. pmNoPr	Sum	ecttbh, enblbh,

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			of false detections caused by noise on the Random Access Channel (RACH).	eambleFalseDetection		Sum
pmpositivemessages	ACCUMULATION	INT8	The number of positive Acquisition Indicator (AI) messages per GP sent on the Acquisition Indicator Channel (AICH).	ManagedElement_NodeBFunction_Sector_Carrier_Aich.pmPositiveMessages	Sum	ecttbh, enlbh, Sum
pmPropagationDelay_0	INTENSITY	INTEGER	Maximum Propagation delay value for the cell. Propagation delay is measured for Random Access Channel (RACH) message	ME_NodeBFunction_Sector_Carrier_Prach.pmPropagationDelay_0	Average	Average, ecttbh, enlbh, Maximum, Minimum, Sum

			s with correct Cyclic Redundancy Check (CRC). Bin 0 holds the maximum delay for the cell, measured as number of chips with a range of 0..2562. Bins 1? 40 are stored as a PDF with a range of 0..100pc .			
pmPropagationDelay_Avg	INTENSITY	FLOAT	Average: Propagation delay for the cell. Propagation delay is measured for Random Access	ME_NodeBFunction_Sector_Carrier_Prach.pmPropagationDelay_Avg	Average	Average, ecttbh, enblbh, Maximum, Minimum, Sum

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			Channel (RACH) messages with correct Cyclic Redundancy Check (CRC). PDF step range with a non-linear resolution, 41 steps long. Bin 0 holds the maximum delay for the cell, measured as number of chips with a range of 0..2562. Bins 1? 40 are stored as a PDF with a range of 0..100pc.			
pmPropagationDelay_Max	INTENSITY	FLOAT	Maximum:Channel (RACH)	ME_NodeBFunction_Sector_Carrier_Prach.pmPropagationDelay_Max	Average	Average, ecttbh, enblbh, Maximum

			<p>messages with correct Cyclic Redundancy Check (CRC). PDF step range with a non-linear resolution, 41 steps long. Bin 0 holds the maximum delay for the cell, measured as number of chips with a range of 0..2562. Bins 1? 40 are stored as a PDF with a range of 0..100pc.</p>			<p>m, Minimum, Sum</p>
pmPropagationDelay	INTENSITY	FLOA	Minimum	ME_NodeBFunction_Sect	Averag	Average

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_Min		T	m:Propagaton delay for the cell. Propagation delay is measured for Random Access Channel (RACH) messages with correct Cyclic Redundancy Check (CRC). PDF step range with a non-linear resolution, 41 steps long. Bin 0 holds the maximum delay for the cell, measured as number of chips with a range of 0..2562. Bins 1? 40 are	or_Carrier_Prach.pmpPropagationDelay_Min	e	, ecttbh, enblbh, Maximum, Minimum, Sum
------	--	---	--	--	---	---

			stored as a PDF with a range of 0..100pc.			
pmsuccreceivedblocks	ACCUMULATION	INT8	The number of successfully received transport blocks per GP.	ME_NodeBFunction_Sector_Carrier_Prach.pmSuccessReceivedBlocks	Sum	ecttbh, enlbh, Sum
pmunsuccreceivedblocks	ACCUMULATION	INT8	The number of unsuccessfully received transport blocks per GP.	ME_NodeBFunction_Sector_Carrier_Prach.pmUnsuccessfulReceivedBlocks	Sum	ecttbh, enlbh, Sum
totalblocks	ACCUMULATION	INT8	The number of received transport blocks per GP.	{pmsuccreceivedblocks} + {pmunsuccreivedblocks}	Sum	ecttbh, enlbh, Sum
totalmessages	ACCUMULATION	INT8	The number of Acquisition Indicator (AI)	{pmpositivemessages} + {pmnegativemessages}	Sum	ecttbh, enlbh, Sum

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			messages per GP sent on the Acquisition Indication Channel (AICH).		
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7.12.3 CDMA_Channel.Ericsson.UMTS.EDCH_Resource

Enhanced DCH Resources related statistics.

KPI	Type	Data Type	Description	Derivation	Default Aggregator	Other Aggregators
%_Failed_CapAllocAttServEDch	PERCENTAGE	FLOAT	Percentage failed attempts to allocate resources for new Serving E-DCH user.	$100 * \frac{\text{pmCapacityAllocRejServEDchUsers}}{\text{pmCapacityAllocAttServEDchUser}}$	Average	ecttbh, enlbh
pmCapacityAllocAttServEDchUser	ACCUMULATION	INTEGER	The number of attempts to allocate resources for new Serving E-DCH user.	ME_NodeBFunction_Sector_Carrier_EDchResources.pmCapacityAllocAttServEDchUser	Sum	ecttbh, enlbh
pmCapacityAllocRejServEDchUsers	ACCUMULATION	INTEGER	The number of attempts to allocate resources for new Serving E-DCH user that are rejected (related to bin [0] of pmCapacityServEDchUsers).	ME_NodeBFunction_Sector_Carrier_EDchResources.pmCapacityAllocRejServEDchUsers	Sum	ecttbh, enlbh
pmCapacityServEDchUsers_Avg	INTENSITY	FLOAT	Average: The distribution of the number of Serving E-DCH users, as	ME_NodeBFunction_Sector_Carrier_EDchResources.pmCapacityServEDchUsers_Avg	Average	ecttbh, enlbh,

			percentages of the corresponding license limit.			Sum, Minimum, Maximum
pmCapacityServEDchUsers_Max	INTENSITY	INTEGER	Maximum: The distribution of the number of Serving E-DCH users, as percentages of the corresponding license limit.	ME_NodeBFunction_Sector_Carrier_EDchResources.pmCapacityServEDchUsers_Max	Average	ecttbbh, enlbh, Sum, Minimum, Maximum
pmCapacityServEDchUsers_Min	INTENSITY	INTEGER	Minimum: The distribution of the number of Serving E-DCH users, as percentages of the corresponding license limit.	ME_NodeBFunction_Sector_Carrier_EDchResources.pmCapacityServEDchUsers_Min	Average	ecttbbh, enlbh, Sum, Minimum, Maximum
pmCommonChPowerEul_Avg	INTENSITY	FLOAT	Average: This counter is used to observe the total DL power used for the E-AGCH, E-RGCH and E-HICH in the cell. The value is stored as PDF with 1 dBm resolution from 0 to 40 dB range.	ME_NodeBFunction_Sector_Carrier_EDchResources.pmCommonChPowerEul_Avg	Average	Average, ecttbbh, enlbh, Maximum, Minimum, Sum
pmCommonChPowerEul_Max	INTENSITY	FLOAT	Maximum: This counter is used to observe the total DL power used for	ME_NodeBFunction_Sector_Carrier_EDchResources.pmCommonChPowerEul_Max	Average	Average, ecttbbh,

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			the E-AGCH, E-RGCH and E-HICH in the cell. The value is stored as PDF with 1 dBm resolution from 0 to 40 dB range.			enblb h, Maximum, Minimum, Sum
pmCommonChPowerEul_Min	INTENSITY	FLOAT	Minimum: This counter is used to observe the total DL power used for the E-AGCH, E-RGCH and E-HICH in the cell. The value is stored as PDF with 1 dBm resolution from 0 to 40 dB range.	ME_NodeBFunction_Sector_Carrier_EDchResources .pmCommonChPowerEul_Min	Average	Average, ecttbbh, enblb h, Maximum, Minimum, Sum
pmLEDchTot_Avg	INTENSITY	FLOAT	Average: Counter for the Scheduled E-DCH Uu load estimate in a cell. Includes component from EDPDCH, E-DPCCH for E-DCH users in the cell. The sampled value is a load factor and is unitless with range 0..1. Where 0 means no load and 1 is infinite load. Note it does not include the load components of DPCCH and HS-DPCCH for E-DCH users.	ME_NodeBFunction_Sector_Carrier_EDchResources .pmLEDchTot_Avg	Average	ecttbbh, enblb h, Sum, Minimum, Maximum
pmLEDchTot_Max	INTENSITY	FLOAT	Maximum: Counter for the Scheduled E-DCH Uu load estimate in	ME_NodeBFunction_Sector_Carrier_EDchResources .pmLEDchTot_Max	Average	ecttbbh, enblb h,

			a cell. Includes component from EDPDCH, E-DPCCH for E-DCH users in the cell. The sampled value is a load factor and is unitless with range 0..1. Where 0 means no load and 1 is infinite load. Note it does not include the load components of DPCCH and HS-DPCCH for E-DCH users.			Sum, Minimum, Maximum
pmLEDchTot_Min	INTENSITY	FLOAT	Minimum: Counter for the Scheduled E-DCH Uu load estimate in a cell. Includes component from EDPDCH, E-DPCCH for E-DCH users in the cell. The sampled value is a load factor and is unitless with range 0..1. Where 0 means no load and 1 is infinite load. Note it does not include the load components of DPCCH and HS-DPCCH for E-DCH users.	ME_NodeBFunction_Sector_Carrier_EDchResources.pmLEDchTot_Min	Average	ecttbn, enblbn, Sum, Minimum, Maximum

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pmLMaxEDch_Avg	INTENSITY	FLOAT	Average: Counter for the total cell level estimate of the Uu component of the scheduling headroom available for EUL schedulable traffic in a cell. The sampled value is a load factor and is unit less with range 0..1. Where 0 means no load and 1 is infinite load.	ME_NodeBFunction_Sector_Carrier_EDchResources. pmLMaxEDch_Avg	Average	ecttbbh, enlbh, Sum, Minimum, Maximum
pmLMaxEDch_Max	INTENSITY	FLOAT	Maximum: Counter for the total cell level estimate of the Uu component of the scheduling headroom available for EUL schedulable traffic in a cell. The sampled value is a load factor and is unit less with range 0..1. Where 0 means no load and 1 is infinite load.	ME_NodeBFunction_Sector_Carrier_EDchResources. pmLMaxEDch_Max	Average	ecttbbh, enlbh, Sum, Minimum, Maximum
pmLMaxEDch_Min	INTENSITY	FLOAT	Minimum: Counter for the total cell level estimate of the Uu component of the scheduling headroom available for EUL schedulable traffic in a cell. The sampled value is a load factor and is unit less with range 0..1. Where 0 means no load and	ME_NodeBFunction_Sector_Carrier_EDchResources. pmLMaxEDch_Min	Average	ecttbbh, enlbh, Sum, Minimum, Maximum

			1 is infinite load.			
pmNoActive10msFramesEul	ACCUMULATION	INTEGER	Counter for the sum of used 10 ms frames (TTI) that receive E-DCH data in a cell during a ROP period for all E-DCH users.	ME_NodeBFunction_Sector_Carrier_EDchResources.pmNoActive10msFramesEul	Sum	ecttbh , enlbh, Sum
pmNoActive10msIntervalsEulTti10	ACCUMULATION	INTEGER	Counter for the total amount of 10 ms intervals in a cell in which the transmission of one or more E-DCH frames has been detected, excluding frames that are not decoded due to lack of hardware to decode the frame.	ME_NodeBFunction_Sector_Carrier_EDchResources.pmNoActive10msIntervalsEulTti10	Sum	ecttbh , enlbh
pmNoActive2msFramesEul	ACCUMULATION	INTEGER	Sum of used 2 ms frames (TTI) that receive E-DCH data in a cell during an ROP for all EDCH users, excluding frames that are not decoded due to lack of hardware.	ME_NodeBFunction_Sector_Carrier_EDchResources.pmNoActive2msFramesEul	Sum	ecttbh , enlbh
pmNoActive2msIntervalsEul	ACCUMULATION	INTEGER	Counter for the total amount of 2 ms intervals in a cell in which the transmission of one or more E-DCH frames has been	ME_NodeBFunction_Sector_Carrier_EDchResources.pmNoActive2msIntervalsEul	Sum	ecttbh , enlbh

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			detected, excluding frames that are not decoded due to lack of hardware to decode the frame.		
pmNoActive2msIntervalsEulTti2	ACCUMULATION	INTEGER	Counter for the total amount of 2 ms intervals in a cell in which the transmission of one or more E-DCH frames has been detected, excluding frames that are not decoded due to lack of hardware to decode the frame.	ME_NodeBFunction_Sector_Carrier_EDchResources .pmNoActive2msIntervalsEulTti2	Sum ecttbh , enlbh
pmNoAllowedEul	ACCUMULATION	INT8	Stepped every 100 ms whenever the uplink load estimator finds that there is no allowed E-DCH traffic owing to uplink interference, that is, when the reported LmaxEDCH = 0 from the Uu load estimator.	ME_NodeBFunction_Sector_Carrier_EDchResources .pmNoAllowedEul	Sum ecttbh , enlbh, Sum
pmNoiseFloor_Avg	INTENSITY	FLOAT	Average: This counter is used to show the used thermal noise level value in the RoT measurement. PDF with 1 dBm resolution from -114 to -60.	ME_NodeBFunction_Sector_Carrier_EDchResources .pmNoiseFloor_Avg	Average ecttbh , enlbh, Maximum, Minimum, Sum
pmNoiseFloor_Max	INTENSITY	FLOAT	Maximum: This counter is used to	ME_NodeBFunction_Sector_Carrier_EDchResources	Average Average,

			show the used thermal noise level value in the RoT measurement. PDF with 1 dBm resolution from -114 to -60.	.pmNoiseFloor_Max		ecttbh , enblbh, Maximum, Minimum, Sum
pmNoiseFloor_Min	INTENSITY	FLOAT	Minimum:This counter is used to show the used thermal noise level value in the RoT measurement. PDF with 1 dBm resolution from -114 to -60.	ME_NodeBFunction_Sector_Carrier_EDchResources .pmNoiseFloor_Min	Average	Average, ecttbh , enblbh, Maximum, Minimum, Sum
pmNoSchEdchEul_Avg	INTENSITY	FLOAT	Average:This counter shows the bit rates (in kbit/s) experienced by scheduled E-DCH users. The number of users are sampled once per second and is stored as PDF.	ME_NodeBFunction_Sector_Carrier_EDchResources .pmNoSchEdchEul_Avg	Average	Average, ecttbh , enblbh, Maximum, Minimum, Sum
pmNoSchEdchEul_Max	INTENSITY	FLOAT	Maximum:This counter shows the bit rates (in kbit/s) experienced by scheduled E-DCH users. The number of users are sampled once per	ME_NodeBFunction_Sector_Carrier_EDchResources .pmNoSchEdchEul_Max	Average	Average, ecttbh , enblbh, Maximum,

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			second and is stored as PDF.			Minimum, Sum
pmNoSchEdchEul_Min	INTENSITY	FLOAT	Minimum: This counter shows the bit rates (in kbit/s) experienced by scheduled E-DCH users. The number of users are sampled once per second and is stored as PDF.	ME_NodeBFunction_Sector_Carrier_EDchResources.pmNoSchEdchEul_Min	Average	Average, ecttbh, enblbh, Maximum, Minimum, Sum
pmNoUIUuLoadLimitEul	ACCUMULATION	INTEGER	Counter for the number of times a scheduling decision is taken to increase the Uu rate of an E-DCH user and there is a need to decrease the Uu rate for another E-DCH user owing to UL Uu load limitations.	ME_NodeBFunction_Sector_Carrier_EDchResources.pmNoUIUuLoadLimitEul	Sum	ecttbh, enblbh, Sum
pmOwnUuLoad_Avg	INTENSITY	FLOAT	Average: Counter per cell for the power-controlled noise rise caused by the intra-cell interference that affects the Uu load. PDF with 0.2 dB resolutions in 51 step range from 0 to 10 dB.	ME_NodeBFunction_Sector_Carrier_EDchResources.pmOwnUuLoad_Avg	Average	Average, ecttbh, enblbh, Maximum, Minimum, Sum
pmOwnUuLoad_Max	INTENSITY	FLOAT	Maximum: Counter per cell for the power-controlled noise rise caused by the intra-cell	ME_NodeBFunction_Sector_Carrier_EDchResources.pmOwnUuLoad_Max	Average	Average, ecttbh, enblbh

			interference that affects the Uu load. PDF with 0.2 dB resolutions in 51 step range from 0 to 10 dB.			h, Maximum, Minimum, Sum
pmOwnUuLoad_Min	INTENSITY	FLOAT	Minimum:Counter per cell for the power-controlled noise rise caused by the intra-cell interference that affects the Uu load. PDF with 0.2 dB resolutions in 51 step range from 0 to 10 dB.	ME_NodeBFunction_Sector_Carrier_EDchResources.pmOwnUuLoad_Min	Average	Average, ecttbn, enblbn, Maximum, Minimum, Sum
pmSamplesCapacityServEDchUsers	ACCUMULATION	INTEGER	Number of samples in pmSumCapacityServEDchUsers (that is, pmSamplesCapacityServEDchUsers = pmSamplesCapacityServEDchUsers + 1, whenever pmSumCapacityServEDchUsers is to be updated).	ME_NodeBFunction_Sector_Carrier_EDchResources.pmSamplesCapacityServEDchUsers	Sum	ecttbn, enblbn
pmSumAackedBitsCellEul	ACCUMULATION	INTEGER	- Obsolete in P7 (replaced with pmSumAackedBitsCellEulTti2 and pmSumAackedBitsCellEulTti10) : Counter for the total amount of acked data received	ME_NodeBFunction_Sector_Carrier_EDchResources.pmSumAackedBitsCellEul	Sum	ecttbn, enblbn, Sum

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			in kbits after HARQ process on MAC-e level for all users in a cell. Stepped every 10 ms TTI.			
pmSumAackedBitsCellEulTti10	ACCUMULATION	INTEGER	Counter for the total amount of acked data received in kbits after HARQ process on MAC-e level for all 10 ms TTI users in a cell. Note that k = 1000.	ME_NodeBFunction_Sector_Carrier_EDchResources.pmSumAackedBitsCellEulTti10	Sum	ecttbh, enlbh
pmSumAackedBitsCellEulTti2	ACCUMULATION	INTEGER	Counter for the total amount of acked data received in kbits after HARQ process on MAC-e level for all 2 ms TTI users in a cell. Note that k = 1000.	ME_NodeBFunction_Sector_Carrier_EDchResources.pmSumAackedBitsCellEulTti2	Sum	ecttbh, enlbh
pmSumCapacityServedEDchUsers	ACCUMULATION	INTEGER	Aggregate of all sample values (measurement_value) recorded within the ROP for number of Serving E-DCH users.	ME_NodeBFunction_Sector_Carrier_EDchResources.pmSumCapacityServedEDchUsers	Sum	ecttbh, enlbh
pmSumNackedBitsCellEul	ACCUMULATION	INTEGER	- Obsolete in P7 (replaced with pmSumNackedBitsCellEulTti2 and pmSumNackedBitsCellEulTti10) : Counter for the total amount of n-acked data received in kbits after HARQ process on MAC-e level for	ME_NodeBFunction_Sector_Carrier_EDchResources.pmSumNackedBitsCellEul	Sum	ecttbh, enlbh, Sum

			all users in a cell. Stepped every 10 ms TTI.		
pmSumNackedBitsCellEulTti10	ACCUMULATION	INTEGER	Counter for the total amount of nacked data received in kbits after HARQ process on MAC-e level for all 10 ms TTI users in a cell, excluding data that is NACKed due to lack of hardware to decode the frame. Note that k = 1000.	ME_NodeBFunction_Sector_Carrier_EDchResources.pmSumNackedBitsCellEulTti10	Sum ecttbh , enlbh
pmSumNackedBitsCellEulTti2	ACCUMULATION	INTEGER	Counter for the total amount of nacked data received in kbits after HARQ process on MAC-e level for all 2 ms TTI users in a cell, excluding data that is NACKed due to lack of hardware to decode the frame. Note that k = 1000.	ME_NodeBFunction_Sector_Carrier_EDchResources.pmSumNackedBitsCellEulTti2	Sum ecttbh , enlbh
pmSumSqrCapacityServEDchUsers	ACCUMULATION	INTEGER	Aggregate of the squares of the sample values (measurement_value) in pmSumCapacityServEDchUsers that is, pmSumSqrCapacityServEDchUsers =	ME_NodeBFunction_Sector_Carrier_EDchResources.pmSumSqrCapacityServEDchUsers	Sum ecttbh , enlbh

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			pmSumSqrCapacityServEDchUsers + sqr(measurement_value).		
pmTotalRotCoverage_Avg	INTENSITY	FLOAT	Average:Counter per cell for the total Rise over Thermal (RoT) (including all uplink traffic and external interference) that affects the coverage. PDF with 0.5 dB resolution in 51 step range from 0.5 to 25 dB.	ME_NodeBFunction_Sector_Carrier_EDchResources .pmTotalRotCoverage_Avg	Average Average, ecttbn, enlbh, Maximum, Minimum, Sum
pmTotalRotCoverage_Max	INTENSITY	FLOAT	Maximum:Counter per cell for the total Rise over Thermal (RoT) (including all uplink traffic and external interference) that affects the coverage. PDF with 0.5 dB resolution in 51 step range from 0.5 to 25 dB.	ME_NodeBFunction_Sector_Carrier_EDchResources .pmTotalRotCoverage_Max	Average, ecttbn, enlbh, Maximum, Minimum, Sum
pmTotalRotCoverage_Min	INTENSITY	FLOAT	Minimum:Counter per cell for the total Rise over Thermal (RoT) (including all uplink traffic and external interference) that affects the coverage. PDF with 0.5 dB resolution in 51 step range from 0.5 to 25 dB.	ME_NodeBFunction_Sector_Carrier_EDchResources .pmTotalRotCoverage_Min	Average, ecttbn, enlbh, Maximum, Minimum, Sum

pmTotRateGrantedEul_Avg	INTENSITY	FLOAT	Average:Total granted Uu rate. Counter for the total granted Uu rate for all E-DCH users including soft/softer handover by the scheduler per cell. PDF with 100 kbps resolution in 61 step range from 0 to 6000 x 100kbps.	ME_NodeBFunction_Sector_Carrier_EDchResources.pmTotRateGrantedEul_Avg	Average	Average, ecttbh, enblbh, Maximum, Minimum, Sum
pmTotRateGrantedEul_Max	INTENSITY	FLOAT	Maximum:Total granted Uu rate. Counter for the total granted Uu rate for all E-DCH users including soft/softer handover by the scheduler per cell. PDF with 100 kbps resolution in 61 step range from 0 to 6000 x 100kbps.	ME_NodeBFunction_Sector_Carrier_EDchResources.pmTotRateGrantedEul_Max	Average	Average, ecttbh, enblbh, Maximum, Minimum, Sum
pmTotRateGrantedEul_Min	INTENSITY	FLOAT	Minimum:Total granted Uu rate. Counter for the total granted Uu rate for all E-DCH users including soft/softer handover by the scheduler per cell. PDF with 100 kbps resolution in 61 step range from 0 to 6000 x 100kbps.	ME_NodeBFunction_Sector_Carrier_EDchResources.pmTotRateGrantedEul_Min	Average	Average, ecttbh, enblbh, Maximum, Minimum, Sum

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pmWaitingTimeEul_Avg	INTENSITY	FLOAT	Average:Counter for the waiting time in ms for an E-DCH user from when a rate increase request is received when the scheduled grant = 0 to when a scheduled grant more than 0 is sent to the UE with an absolute grant.	ME_NodeBFunction_Sector_Carrier_EDchResources .pmWaitingTimeEul_Avg	Average	Average, ecttbh, enblbh, Maximum, Minimum, Sum
pmWaitingTimeEul_Max	INTENSITY	FLOAT	Maximum:Counter for the waiting time in ms for an E-DCH user from when a rate increase request is received when the scheduled grant = 0 to when a scheduled grant more than 0 is sent to the UE with an absolute grant.	ME_NodeBFunction_Sector_Carrier_EDchResources .pmWaitingTimeEul_Max	Average	Average, ecttbh, enblbh, Maximum, Minimum, Sum
pmWaitingTimeEul_Min	INTENSITY	FLOAT	Minimum:Counter for the waiting time in ms for an E-DCH user from when a rate increase request is received when the scheduled grant = 0 to when a scheduled grant more than 0 is sent to the UE with an absolute grant.	ME_NodeBFunction_Sector_Carrier_EDchResources .pmWaitingTimeEul_Min	Average	Average, ecttbh, enblbh, Maximum, Minimum, Sum

7.12.4 CDMA_Channel.Ericsson.UMTS.Frame_Delay_SPI_1

Framing delay distribution group 1

KPI	Type	Data Type	Description	Derivation	Default Aggregator	Other Aggregators
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pmDelayDistributionSpi00_Avg	INTENSITY	FLOAT	Measurements to observe the distribution of the scheduling delay for scheduling priority class 00 on each subframe on those priority queue(s) selected for transmission. The scheduling delay is counted as a percentage of schMaxDelay of each priority class and 3000 ms will be used as a schMaxDelay in case it is set to -1.	ME_NodeBFunction_HsDschResources.pmDelayDistributionSpi00_Avg	Average	Average, ecttbh, enlbh, Maximum, Minimum, Sum
pmDelayDistributionSpi00_Max	INTENSITY	FLOAT	Measurements to observe the distribution of the	ME_NodeBFunction_HsDschResources.pmDelayDistributionSpi00_Max	Constant	Average, ecttbh, enlbh, Maximum, Minimum

			<p>scheduling delay for scheduling priority class 00 on each subframe on those priority queue(s) selected for transmission. The scheduling delay is counted as a percentage of schMaxDelay of each priority class and 3000 ms will be used as a schMaxDelay in case it is set to -1.</p>			<p>m, Sum</p>
pmDelayDistributionSpi00_Min	INTENSITY	FLOAT	Measurements to observe the distribution of the scheduling	ME_NodeBFunction_HsDschResources.pmDelayDistributionSpi00_Min	Minimum	Average, ecttbh, enlbh, Maximum, Minimum, Sum

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			g delay for scheduling priority class 00 on each subframe on those priority queue(s) selected for transmission. The scheduling delay is counted as a percentage of schMaxdelay of each priority class and 3000 ms will be used as a schMaxDelay in case it is set to -1.			
pmDelayDistributionSpi01_Avg	INTENSITY	FLOAT	Measurements to observe the distribution of the scheduling delay for scheduling priority class 01 on each	ME_NodeBFunction_HsDschResources.pmDelayDistributionSpi01_Avg	Average	Average, ecttbh, enblbh, Maximum, Minimum, Sum

			subframe on those priority queue(s) selected for transmission. The scheduling delay is counted as a percentage of schMaxDelay of each priority class and 3000 ms will be used as a schMaxDelay in case it is set to -1.			
pmDelayDistributionSpi01_Max	INTENSITY	FLOAT	Measurements to observe the distribution of the scheduling delay for scheduling priority class 01 on each subframe	ME_NodeBFunction_HsDschResources.pmDelayDistributionSpi01_Max	Constant	Average, ecttbh, enlbh, Maximum, Minimum, Sum

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			<p>on those priority queue(s) selected for transmission. The scheduling delay is counted as a percentage of schMaxdelay of each priority class and 3000 ms will be used as a schMaxDelay in case it is set to -1.</p>		
pmDelayDistributionSpi01_Min	INTENSITY	FLOAT	<p>Measurements to observe the distribution of the scheduling delay for scheduling priority class 01 on each subframe on those priority queue(s) selected for transmiss</p>	ME_NodeBFunction_HsDschr esources.pmDelayDistributionSpi01_Min	<p>Minimum Average, ecttbh, enlbh, Maximum, Minimum, Sum</p>

			ion. The scheduling delay is counted as a percentage of schMaxDelay of each priority class and 3000 ms will be used as a schMaxDelay in case it is set to -1.			
pmDelayDistributionSpi02_Avg	INTENSITY	FLOAT	Measurements to observe the distribution of the scheduling delay for scheduling priority class 02 on each subframe on those priority queue(s) selected for transmission. The	ME_NodeBFunction_HsDschResources.pmDelayDistributionSpi02_Avg	Average	Average, ecttbh, enlbh, Maximum, Minimum, Sum

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			<p>scheduling delay is counted as a percentage of schMaxdelay of each priority class and 3000 ms will be used as a schMaxDelay in case it is set to -1.</p>		
pmDelayDistributionSpi02_Max	INTENSITY	FLOAT	<p>Measurements to observe the distribution of the scheduling delay for scheduling priority class 02 on each subframe on those priority queue(s) selected for transmission. The scheduling delay is counted as a percentage of</p>	ME_NodeBFunction_HsDschResources.pmDelayDistributionSpi02_Max	<p>Constant Average, ecttbh, enlbh, Maximum, Minimum, Sum</p>

			schMaxd elay of each priority class and 3000 ms will be used as a schMaxD elay in case it is set to -1.			
pmDelayDistributi onSpi02_Min	INTEN SITY	FLO AT	Measure ments to observe the distributi on of the schedulin g delay for schedulin g priority class 02 on each subframe on those priority queue(s) selected for transmiss ion. The schedulin g delay is counted as a percentag e of schMaxd	ME_NodeBFunction_HsDschR esources.pmDelayDistributionS pi02_Min	Minimu m	Average, ecttbh, enblbh, Maximu m, Minimu m, Sum

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			elay of each priority class and 3000 ms will be used as a schMaxDelay in case it is set to -1.			
pmDelayDistributionSpi03_Avg	INTENSITY	FLOAT	Measurements to observe the distribution of the scheduling delay for scheduling priority class 03 on each subframe on those priority queue(s) selected for transmission. The scheduling delay is counted as a percentage of schMaxDelay of each priority class and 3000 ms will be	ME_NodeBFunction_HsDschResources.pmDelayDistributionSpi03_Avg	Average	Average, ecttbh, enlbh, Maximum, Minimum, Sum

			used as a schMaxDelay in case it is set to -1.			
pmDelayDistributionSpi03_Max	INTENSITY	FLOAT	Measurements to observe the distribution of the scheduling delay for scheduling priority class 03 on each subframe on those priority queue(s) selected for transmission. The scheduling delay is counted as a percentage of schMaxDelay of each priority class and 3000 ms will be used as a	ME_NodeBFunction_HsDschResources.pmDelayDistributionSpi03_Max	Constant	Average, ecttbh, enlbh, Maximum, Minimum, Sum

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			schMaxDelay in case it is set to -1.			
pmDelayDistributionSpi03_Min	INTENSITY	FLOAT	Measurements to observe the distribution of the scheduling delay for scheduling priority class 03 on each subframe on those priority queue(s) selected for transmission. The scheduling delay is counted as a percentage of schMaxDelay of each priority class and 3000 ms will be used as a schMaxDelay in case it is set to -1.	ME_NodeBFunction_HsDschResources.pmDelayDistributionSpi03_Min	Minimum	Average, ecttbh, enlbh, Maximum, Minimum, Sum
pmDelayDistributionSpi04_Avg	INTENSITY	FLOAT	Measurements to	ME_NodeBFunction_HsDschResources.pmDelayDistributionS	Average	Average, ecttbh,

			observe the distribution of the scheduling delay for scheduling priority class 04 on each subframe on those priority queue(s) selected for transmission. The scheduling delay is counted as a percentage of schMaxDelay of each priority class and 3000 ms will be used as a schMaxDelay in case it is set to -1.	pi04_Avg		enlbh, Maximum, Minimum, Sum
pmDelayDistributionSpi04_Max	INTENSITY	FLOAT	Measurements to observe	ME_NodeBFunction_HsDschResources.pmDelayDistributionSpi04_Max	Constant	Average, ecttbh, enlbh,

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			<p>the distribution of the scheduling delay for scheduling priority class 04 on each subframe on those priority queue(s) selected for transmission. The scheduling delay is counted as a percentage of schMaxDelay of each priority class and 3000 ms will be used as a schMaxDelay in case it is set to -1.</p>			<p>Maximum, Minimum, Sum</p>
pmDelayDistributionSpi04_Min	INTENSITY	FLOAT	Measurements to observe the distribution of the scheduling delay for	ME_NodeBFunction_HsDschResources.pmDelayDistributionSpi04_Min	Minimum	Average, ecttbh, enlbh, Maximum, Minimum, Sum

			<p>scheduling priority class 04 on each subframe on those priority queue(s) selected for transmission. The scheduling delay is counted as a percentage of schMaxDelay of each priority class and 3000 ms will be used as a schMaxDelay in case it is set to -1.</p>			
pmDelayDistributionSpi05_Avg	INTENSITY	FLO AT	Measurements to observe the distribution of the scheduling delay for scheduling	ME_NodeBFunction_HsDschResources.pmDelayDistributionSpi05_Avg	Average	Average, ecttbh, enlbh, Maximum, Minimum, Sum

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			g priority class 05 on each subframe on those priority queue(s) selected for transmission. The scheduling delay is counted as a percentage of schMaxDelay of each priority class and 3000 ms will be used as a schMaxDelay in case it is set to -1.		
pmDelayDistributionSpi05_Max	INTENSITY	FLOAT	Measurements to observe the distribution of the scheduling delay for scheduling priority class 05 on each subframe on those priority	ME_NodeBFunction_HsDschResources.pmDelayDistributionSpi05_Max	Constant Average, ecttbh, enlbh, Maximum, Minimum, Sum

			queue(s) selected for transmission. The scheduling delay is counted as a percentage of schMaxDelay of each priority class and 3000 ms will be used as a schMaxDelay in case it is set to -1.			
pmDelayDistributionSpi05_Min	INTENSITY	FLO AT	Measurements to observe the distribution of the scheduling delay for scheduling priority class 05 on each subframe on those priority queue(s)	ME_NodeBFunction_HsDschResources.pmDelayDistributionSpi05_Min	Minimum	Average, ecttbh, enlbh, Maximum, Minimum, Sum

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			selected for transmission. The scheduling delay is counted as a percentage of schMaxDelay of each priority class and 3000 ms will be used as a schMaxDelay in case it is set to -1.		
pmDelayDistributionSpi06_Avg	INTENSITY	FLOAT	Measurements to observe the distribution of the scheduling delay for scheduling priority class 06 on each subframe on those priority queue(s) selected for transmission. The scheduling delay is	ME_NodeBFunction_HsDschResources.pmDelayDistributionSpi06_Avg	Average, ecttbh, enblbh, Maximum, Minimum, Sum

			counted as a percentage of schMaxdelay of each priority class and 3000 ms will be used as a schMaxDelay in case it is set to -1.			
pmDelayDistributionSpi06_Max	INTENSITY	FLOAT	Measurements to observe the distribution of the scheduling delay for scheduling priority class 06 on each subframe on those priority queue(s) selected for transmission. The scheduling delay is counted	ME_NodeBFunction_HsDschResources.pmDelayDistributionSpi06_Max	Constant	Average, ecttbh, enlbh, Maximum, Minimum, Sum

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			as a percentage of schMaxdelay of each priority class and 3000 ms will be used as a schMaxDelay in case it is set to -1.			
pmDelayDistributionSpi06_Min	INTENSITY	FLOAT	Measurements to observe the distribution of the scheduling delay for scheduling priority class 06 on each subframe on those priority queue(s) selected for transmission. The scheduling delay is counted as a percentage of schMaxdelay of each	ME_NodeBFunction_HsDschResources.pmDelayDistributionSpi06_Min	Minimum	Average, ecttbh, enlbh, Maximum, Minimum, Sum

			priority class and 3000 ms will be used as a schMaxDelay in case it is set to -1.			
pmDelayDistributionSpi07_Avg	INTENSITY	FLOAT	Measurements to observe the distribution of the scheduling delay for scheduling priority class 07 on each subframe on those priority queue(s) selected for transmission. The scheduling delay is counted as a percentage of schMaxDelay of each priority	ME_NodeBFunction_HsDschResources.pmDelayDistributionSpi07_Avg	Average	Average, ecttbh, enlbh, Maximum, Minimum, Sum

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			class and 3000 ms will be used as a schMaxDelay in case it is set to -1.			
pmDelayDistributionSpi07_Max	INTENSITY	FLOAT	Measurements to observe the distribution of the scheduling delay for scheduling priority class 07 on each subframe on those priority queue(s) selected for transmission. The scheduling delay is counted as a percentage of schMaxDelay of each priority class and 3000 ms will be used as a schMaxDelay in	ME_NodeBFunction_HsDschResources.pmDelayDistributionSpi07_Max	Constant	Average, ecttbh, enlbh, Maximum, Minimum, Sum

			case it is set to -1.			
pmDelayDistributionSpi07_Min	INTENSITY	FLOAT	Measurements to observe the distribution of the scheduling delay for scheduling priority class 07 on each subframe on those priority queue(s) selected for transmission. The scheduling delay is counted as a percentage of schMaxDelay of each priority class and 3000 ms will be used as a schMaxDelay in case it is	ME_NodeBFunction_HsDschResources.pmDelayDistributionSpi07_Min	Minimum	Average, ecttbh, enblbh, Maximum, Minimum, Sum

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			set to -1.			
pmDelayDistributionSpi08_Avg	INTENSITY	FLOAT	Measurements to observe the distribution of the scheduling delay for scheduling priority class 08 on each subframe on those priority queue(s) selected for transmission. The scheduling delay is counted as a percentage of schMaxDelay of each priority class and 3000 ms will be used as a schMaxDelay in case it is set to -1.	ME_NodeBFunction_HsDschResources.pmDelayDistributionSpi08_Avg	Average	Average, ecttbh, enlbh, Maximum, Minimum, Sum
pmDelayDistributionSpi08_Max	INTENSITY	FLOAT	Measurements to observe the distribution	ME_NodeBFunction_HsDschResources.pmDelayDistributionSpi08_Max	Constant	Average, ecttbh, enlbh, Maximum,

			<p>on of the schedulin g delay for schedulin g priority class 08 on each subframe on those priority queue(s) selected for transmiss ion. The schedulin g delay is counted as a percentag e of schMaxd elay of each priority class and 3000 ms will be used as a schMaxD elay in case it is set to -1.</p>			<p>Minimu m, Sum</p>
pmDelayDistributi onSpi08_Min	INTEN SITY	FLO AT	<p>Measure ments to observe the distributi on of the</p>	ME_NodeBFunction_HsDschR esources.pmDelayDistributionSpi08_Min	Minimu m	<p>Average, ecttbh, enblbh, Maximu m, Minimu</p>

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			<p>scheduling delay for scheduling priority class 08 on each subframe on those priority queue(s) selected for transmission. The scheduling delay is counted as a percentage of schMaxDelay of each priority class and 3000 ms will be used as a schMaxDelay in case it is set to -1.</p>			<p>m, Sum</p>
pmDelayDistributionSpi09_Avg	INTENSITY	FLOAT	<p>Measurements to observe the distribution of the scheduling delay for scheduling priority class 09</p>	ME_NodeBFunction_HsDschResources.pmDelayDistributionSpi09_Avg	Average	<p>Average, ecttbh, enlbh, Maximum, Minimum, Sum</p>

			on each subframe on those priority queue(s) selected for transmission. The scheduling delay is counted as a percentage of schMaxdelay of each priority class and 3000 ms will be used as a schMaxDelay in case it is set to -1.		
pmDelayDistributionSpi09_Max	INTENSITY	FLOAT	Measurements to observe the distribution of the scheduling delay for scheduling priority class 09 on each	ME_NodeBFunction_HsDschResources.pmDelayDistributionSpi09_Max	Constant Average, ecttbh, enblbh, Maximum, Minimum, Sum

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			subframe on those priority queue(s) selected for transmission. The scheduling delay is counted as a percentage of schMaxdelay of each priority class and 3000 ms will be used as a schMaxDelay in case it is set to -1.			
pmDelayDistributionSpi09_Min	INTENSITY	FLOAT	Measurements to observe the distribution of the scheduling delay for scheduling priority class 09 on each subframe on those priority queue(s) selected for	ME_NodeBFunction_HsDschr.esources.pmDelayDistributionSpi09_Min	Minimum	Average, ecttbh, enlbh, Maximum, Minimum, Sum

			transmission. The scheduling delay is counted as a percentage of schMaxdelay of each priority class and 3000 ms will be used as a schMaxDelay in case it is set to -1.			
pmDelayDistributionSpi10_Avg	INTENSITY	FLOAT	Measurements to observe the distribution of the scheduling delay for scheduling priority class 10 on each subframe on those priority queue(s) selected for transmission	ME_NodeBFunction_HsDschResources.pmDelayDistributionSpi10_Avg	Average	Average, ecttbh, enlbh, Maximum, Minimum, Sum

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			ion. The scheduling delay is counted as a percentage of schMaxdelay of each priority class and 3000 ms will be used as a schMaxDelay in case it is set to -1.			
pmDelayDistributionSpi10_Max	INTENSITY	FLOAT	Measurements to observe the distribution of the scheduling delay for scheduling priority class 10 on each subframe on those priority queue(s) selected for transmission. The scheduling delay is counted as a percentag	ME_NodeBFunction_HsDschResources.pmDelayDistributionSpi10_Max	Constant	Average, ecttbh, enlbh, Maximum, Minimum, Sum

			e of schMaxd elay of each priority class and 3000 ms will be used as a schMaxD elay in case it is set to -1.			
pmDelayDistributi onSpi10_Min	INTEN SITY	FLO AT	Measure ments to observe the distributi on of the schedulin g delay for schedulin g priority class 10 on each subframe on those priority queue(s) selected for transmiss ion. The schedulin g delay is counted as a percentag e of	ME_NodeBFunction_HsDschR esources.pmDelayDistributionSpi10_Min	Minimu m	Average, ecttbh, enlbh, Maximu m, Minimu m, Sum

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			schMaxdelay of each priority class and 3000 ms will be used as a schMaxDelay in case it is set to -1.			
pmDelayDistributionSpi11_Avg	INTENSITY	FLOAT	Measurements to observe the distribution of the scheduling delay for scheduling priority class 11 on each subframe on those priority queue(s) selected for transmission. The scheduling delay is counted as a percentage of schMaxdelay of each priority class and 3000 ms	ME_NodeBFunction_HsDschr esources.pmDelayDistributionSpi11_Avg	Average	Average, ecttbh, enlbh, Maximum, Minimum, Sum

			will be used as a schMaxDelay in case it is set to -1.			
pmDelayDistributionSpi11_Max	INTENSITY	FLO AT	Measurements to observe the distribution of the scheduling delay for scheduling priority class 11 on each subframe on those priority queue(s) selected for transmission. The scheduling delay is counted as a percentage of schMaxDelay of each priority class and 3000 ms will be	ME_NodeBFunction_HsDschResources.pmDelayDistributionSpi11_Max	Constant	Average, ecttbh, enlbh, Maximum, Minimum, Sum

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			used as a schMaxDelay in case it is set to -1.			
pmDelayDistributionSpi11_Min	INTENSITY	FLOAT	Measurements to observe the distribution of the scheduling delay for scheduling priority class 11 on each subframe on those priority queue(s) selected for transmission. The scheduling delay is counted as a percentage of schMaxDelay of each priority class and 3000 ms will be used as a schMaxDelay in case it is set to -1.	ME_NodeBFunction_HsDschResources.pmDelayDistributionSpi11_Min	Minimum	Average, ecttbh, enlbh, Maximum, Minimum, Sum
pmDelayDistributionSpi11_Min	INTEN	FLO	Measure	ME_NodeBFunction_HsDschR	Averag	Average,

onSpi12_Avg	SITY	AT	ments to observe the distribution of the scheduling delay for scheduling priority class 12 on each subframe on those priority queue(s) selected for transmission. The scheduling delay is counted as a percentage of schMaxDelay of each priority class and 3000 ms will be used as a schMaxDelay in case it is set to -1.	resources.pmDelayDistributionSpi12_Avg	e	ecttbh, enlbh, Maximum, Minimum, Sum
pmDelayDistributionSpi12_Max	INTENSITY	FLOAT	Measurements to	ME_NodeBFunction_HsDschResources.pmDelayDistributionS	Constant	Average, ecttbh,

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			observe the distribution of the scheduling delay for scheduling priority class 12 on each subframe on those priority queue(s) selected for transmission. The scheduling delay is counted as a percentage of schMaxDelay of each priority class and 3000 ms will be used as a schMaxDelay in case it is set to -1.	pi12_Max		enlbh, Maximum, Minimum, Sum
pmDelayDistributionSpi12_Min	INTENSITY	FLOAT	Measurements to observe the distribution of the scheduling delay	ME_NodeBFunction_HsDschResources.pmDelayDistributionSpi12_Min	Minimum	Average, ecttbh, enlbh, Maximum, Minimum, Sum

			for scheduling priority class 12 on each subframe on those priority queue(s) selected for transmission. The scheduling delay is counted as a percentage of schMaxDelay of each priority class and 3000 ms will be used as a schMaxDelay in case it is set to -1.			
pmDelayDistributionSpi13_Avg	INTENSITY	FLOAT	Measurements to observe the distribution of the scheduling delay for	ME_NodeBFunction_HsDschResources.pmDelayDistributionSpi13_Avg	Average	Average, ecttbh, enlbh, Maximum, Minimum, Sum

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			<p>scheduling priority class 13 on each subframe on those priority queue(s) selected for transmission. The scheduling delay is counted as a percentage of schMaxDelay of each priority class and 3000 ms will be used as a schMaxDelay in case it is set to -1.</p>		
pmDelayDistributionSpi13_Max	INTENSITY	FLOAT	Measurements to observe the distribution of the scheduling delay for scheduling priority class 13 on each subframe on those	ME_NodeBFunction_HsDschResources.pmDelayDistributionSpi13_Max	Constant Average, ecttbh, enlbh, Maximum, Minimum, Sum

			priority queue(s) selected for transmission. The scheduling delay is counted as a percentage of schMaxdelay of each priority class and 3000 ms will be used as a schMaxDelay in case it is set to -1.			
pmDelayDistributionSpi13_Min	INTENSITY	FLOAT	Measurements to observe the distribution of the scheduling delay for scheduling priority class 13 on each subframe on those priority	ME_NodeBFunction_HsDschResources.pmDelayDistributionSpi13_Min	Minimum	Average, ecttbh, enlbh, Maximum, Minimum, Sum

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			queue(s) selected for transmission. The scheduling delay is counted as a percentage of schMaxDelay of each priority class and 3000 ms will be used as a schMaxDelay in case it is set to -1.		
pmDelayDistributionSpi14_Avg	INTENSITY	FLOAT	Measurements to observe the distribution of the scheduling delay for scheduling priority class 14 on each subframe on those priority queue(s) selected for transmission. The scheduling	ME_NodeBFunction_HsDschResources.pmDelayDistributionSpi14_Avg	Average, Average, ecttbh, enlbh, Maximum, Minimum, Sum

			g delay is counted as a percentage of schMaxdelay of each priority class and 3000 ms will be used as a schMaxDelay in case it is set to -1.			
pmDelayDistributionSpi14_Max	INTENSITY	FLOAT	Measurements to observe the distribution of the scheduling delay for scheduling priority class 14 on each subframe on those priority queue(s) selected for transmission. The scheduling delay is	ME_NodeBFunction_HsDschResources.pmDelayDistributionSpi14_Max	Constant	Average, ecttbh, enblbh, Maximum, Minimum, Sum

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			counted as a percentage of schMaxDelay of each priority class and 3000 ms will be used as a schMaxDelay in case it is set to -1.		
pmDelayDistributionSpi14_Min	INTENSITY	FLOAT	Measurements to observe the distribution of the scheduling delay for scheduling priority class 14 on each subframe on those priority queue(s) selected for transmission. The scheduling delay is counted as a percentage of schMaxDelay of	ME_NodeBFunction_HsDschResources.pmDelayDistributionSpi14_Min	Average, ecttbh, enlbh, Maximum, Minimum, Sum

			each priority class and 3000 ms will be used as a schMaxDelay in case it is set to -1.			
pmDelayDistributionSpi15_Avg	INTENSITY	FLO AT	Measurements to observe the distribution of the scheduling delay for scheduling priority class 15 on each subframe on those priority queue(s) selected for transmission. The scheduling delay is counted as a percentage of schMaxdelay of each	ME_NodeBFunction_HsDschResources.pmDelayDistributionSpi15_Avg	Average	Average, ecttbh, enblbh, Maximum, Minimum, Sum

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			priority class and 3000 ms will be used as a schMaxDelay in case it is set to -1.			
pmDelayDistributionSpi15_Max	INTENSITY	FLOAT	Measurements to observe the distribution of the scheduling delay for scheduling priority class 15 on each subframe on those priority queue(s) selected for transmission. The scheduling delay is counted as a percentage of schMaxDelay of each priority class and 3000 ms will be used as a schMaxD	ME_NodeBFunction_HsDschResources.pmDelayDistributionSpi15_Max	Constant	Average, ecttbh, enlbh, Maximum, Minimum, Sum

			elay in case it is set to -1.			
pmDelayDistributionSpi15_Min	INTENSITY	FLOAT	Measurements to observe the distribution of the scheduling delay for scheduling priority class 15 on each subframe on those priority queue(s) selected for transmission. The scheduling delay is counted as a percentage of schMaxdelay of each priority class and 3000 ms will be used as a schMaxDelay in	ME_NodeBFunction_HsDschResources.pmDelayDistributionSpi15_Min	Minimum	Average, ecttbh, enlbh, Maximum, Minimum, Sum

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			case it is set to -1.		
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7.12.5 CDMA_Channel.Ericsson.UMTS.Frame_Delay_SPI_2

Framing delay distribution group 2

KPI	Type	Data Type	Description	Derivation	Default Aggregator	Other Aggregators
pmSumDelaySpi00	ACCUMULATION	INTEGER	Measurements to observe the sum of the delay of the transmitted data for scheduling priority class 00 during a ROP period before it is scheduled. Each counter observes a specific SPI. The different flows are configured ON/OFF using RBS MOM parameter IubDataStreams::schHsFlowControlOnOff.	ME_NodeBFunction_HsDschResources.pmSumDelaySpi00	Sum	ecttbh, enblbh, Sum
pmSumDelaySpi01	ACCUMULATION	INTEGER	Measurements to observe the sum of the delay of the transmitted data for scheduling priority class 01 during a ROP period before it is scheduled. Each counter observes a specific SPI. The different	ME_NodeBFunction_HsDschResources.pmSumDelaySpi01	Sum	ecttbh, enblbh, Sum

			flows are configured ON/OFF using RBS MOM parameter IubDataStreams::schHsFlowControlOnOff.			
pmSumDelaySpi02	ACCUMULATION	INTEGER	Measurements to observe the sum of the delay of the transmitted data for scheduling priority class 02 during a ROP period before it is scheduled. Each counter observes a specific SPI. The different flows are configured ON/OFF using RBS MOM parameter IubDataStreams::schHsFlowControlOnOff.	ME_NodeBFunction_HsDschResources.pmSumDelaySpi02	Sum	ecttbh, enblbh, Sum
pmSumDelaySpi03	ACCUMULATION	INTEGER	Measurements to observe the sum of the delay of the transmitted data for scheduling priority class 03 during a ROP period before it is scheduled. Each counter observes	ME_NodeBFunction_HsDschResources.pmSumDelaySpi03	Sum	ecttbh, enblbh, Sum

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			a specific SPI. The different flows are configured ON/OFF using RBS MOM parameter IubDataStreams::schHsFlowControlOnOff.			
pmSumDelaySpi04	ACCUMULATION	INTEGER	Measurements to observe the sum of the delay of the transmitted data for scheduling priority class 04 during a ROP period before it is scheduled. Each counter observes a specific SPI. The different flows are configured ON/OFF using RBS MOM parameter IubDataStreams::schHsFlowControlOnOff.	ME_NodeBFunction_HsDschResources.pmSumDelaySpi04	Sum	ecttbh, enlbbh, Sum
pmSumDelaySpi05	ACCUMULATION	INTEGER	Measurements to observe the sum of the delay of the transmitted data for scheduling priority class 05 during a ROP period before it is scheduled. Each counter observes a specific SPI. The different flows are	ME_NodeBFunction_HsDschResources.pmSumDelaySpi05	Sum	ecttbh, enlbbh, Sum

			configured ON/OFF using RBS MOM parameter IubDataStreams::schHsFlowControlOnOff.			
pmSumDelaySpi06	ACCUMULATION	INTEGER	Measurements to observe the sum of the delay of the transmitted data for scheduling priority class 06 during a ROP period before it is scheduled. Each counter observes a specific SPI. The different flows are configured ON/OFF using RBS MOM parameter IubDataStreams::schHsFlowControlOnOff.	ME_NodeBFunction_HsDschResources.pmSumDelaySpi06	Sum	ecttbh, enblbh, Sum
pmSumDelaySpi07	ACCUMULATION	INTEGER	Measurements to observe the sum of the delay of the transmitted data for scheduling priority class 07 during a ROP period before it is scheduled. Each counter observes a specific SPI.	ME_NodeBFunction_HsDschResources.pmSumDelaySpi07	Sum	ecttbh, enblbh, Sum

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			The different flows are configured ON/OFF using RBS MOM parameter IubDataStreams::schHsFlowControlOnOff.			
pmSumDelaySpi08	ACCUMULATION	INTEGER	Measurements to observe the sum of the delay of the transmitted data for scheduling priority class 08 during a ROP period before it is scheduled. Each counter observes a specific SPI. The different flows are configured ON/OFF using RBS MOM parameter IubDataStreams::schHsFlowControlOnOff.	ME_NodeBFunction_HsDschResources.pmSumDelaySpi08	Sum	ecttbh, enlbbh, Sum
pmSumDelaySpi09	ACCUMULATION	INTEGER	Measurements to observe the sum of the delay of the transmitted data for scheduling priority class 09 during a ROP period before it is scheduled. Each counter observes a specific SPI. The different flows are configured	ME_NodeBFunction_HsDschResources.pmSumDelaySpi09	Sum	ecttbh, enlbbh, Sum

			ON/OFF using RBS MOM parameter IubDataStreams::schHsFlowControlOnOff.			
pmSumDelaySpi10	ACCUMULATION	INTEGER	Measurements to observe the sum of the delay of the transmitted data for scheduling priority class 10 during a ROP period before it is scheduled. Each counter observes a specific SPI. The different flows are configured ON/OFF using RBS MOM parameter IubDataStreams::schHsFlowControlOnOff.	ME_NodeBFunction_HsDschResources.pmSumDelaySpi10	Sum	ecttbh, enlbh, Sum
pmSumDelaySpi11	ACCUMULATION	INTEGER	Measurements to observe the sum of the delay of the transmitted data for scheduling priority class 11 during a ROP period before it is scheduled. Each counter observes a specific SPI. The different	ME_NodeBFunction_HsDschResources.pmSumDelaySpi11	Sum	ecttbh, enlbh, Sum

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			flows are configured ON/OFF using RBS MOM parameter IubDataStreams::schHsFlowControlOnOff.		
pmSumDelaySpi12	ACCUMULATION	INTEGER	Measurements to observe the sum of the delay of the transmitted data for scheduling priority class 12 during a ROP period before it is scheduled. Each counter observes a specific SPI. The different flows are configured ON/OFF using RBS MOM parameter IubDataStreams::schHsFlowControlOnOff.	ME_NodeBFunction_HsDschResources.pmSumDelaySpi12	Sum ecttbh, enlbh, Sum
pmSumDelaySpi13	ACCUMULATION	INTEGER	Measurements to observe the sum of the delay of the transmitted data for scheduling priority class 13 during a ROP period before it is scheduled. Each counter observes a specific SPI. The different flows are configured ON/OFF using	ME_NodeBFunction_HsDschResources.pmSumDelaySpi13	Sum ecttbh, enlbh, Sum

			RBS MOM parameter IubDataStreams::schHsFlowControlOnOff.			
pmSumDelaySpi14	ACCUMULATION	INTEGER	Measurements to observe the sum of the delay of the transmitted data for scheduling priority class 14 during a ROP period before it is scheduled. Each counter observes a specific SPI. The different flows are configured ON/OFF using RBS MOM parameter IubDataStreams::schHsFlowControlOnOff.	ME_NodeBFunction_HsDschResources.pmSumDelaySpi14	Sum	ecttbh, enblbh, Sum
pmSumDelaySpi15	ACCUMULATION	INTEGER	Measurements to observe the sum of the delay of the transmitted data for scheduling priority class 15 during a ROP period before it is scheduled. Each counter observes a specific SPI. The different flows are	ME_NodeBFunction_HsDschResources.pmSumDelaySpi15	Sum	ecttbh, enblbh, Sum

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			configured ON/OFF using RBS MOM parameter IubDataStreams::schHsFlowControlOnOff.			
pmSumJitterSpi00	ACCUMULATION	INTEGER	Measurements to observe the sum of the delay jitter of the transmitted data for scheduling priority class 00 during a ROP period before it is scheduled. The jitter delay is defined as a time difference between current delay and the previous one. Each counter observes a specific SPI. The different flows are configured ON/OFF using RBS MOM parameter IubDataStreams::schHsFlowControlOnOff.	ME_NodeBFunction_HsDschResources.pmSumJitterSpi00	Sum	ecttbh, enblbh, Sum
pmSumJitterSpi01	ACCUMULATION	INTEGER	Measurements to observe the sum of the delay jitter of the transmitted data for scheduling priority class 01 during a ROP period before it is scheduled. The jitter delay is	ME_NodeBFunction_HsDschResources.pmSumJitterSpi01	Sum	ecttbh, enblbh, Sum

			defined as a time difference between current delay and the previous one. Each counter observes a specific SPI. The different flows are configured ON/OFF using RBS MOM parameter IubDataStreams::schHsFlowControlOnOff.			
pmSumJitterSpi02	ACCUMULATION	INTEGER	Measurements to observe the sum of the delay jitter of the transmitted data for scheduling priority class 02 during a ROP period before it is scheduled. The jitter delay is defined as a time difference between current delay and the previous one. Each counter observes a specific SPI. The different flows are configured ON/OFF using RBS MOM parameter	ME_NodeBFunction_HsDschResources.pmSumJitterSpi02	Sum	ecttbh, enlbh, Sum

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			IubDataStreams::schHsFlowControlOnOff.			
pmSumJitterSpi03	ACCUMULATION	INTEGER	Measurements to observe the sum of the delay jitter of the transmitted data for scheduling priority class 03 during a ROP period before it is scheduled. The jitter delay is defined as a time difference between current delay and the previous one. Each counter observes a specific SPI. The different flows are configured ON/OFF using RBS MOM parameter IubDataStreams::schHsFlowControlOnOff.	ME_NodeBFunction_HsDschResources.pmSumJitterSpi03	Sum	ecttbh, enblbh, Sum
pmSumJitterSpi04	ACCUMULATION	INTEGER	Measurements to observe the sum of the delay jitter of the transmitted data for scheduling priority class 04 during a ROP period before it is scheduled. The jitter delay is defined as a time difference between current delay and the	ME_NodeBFunction_HsDschResources.pmSumJitterSpi04	Sum	ecttbh, enblbh, Sum

			previous one. Each counter observes a specific SPI. The different flows are configured ON/OFF using RBS MOM parameter IubDataStreams::schHsFlowControlOnOff.			
pmSumJitterSpi05	ACCUMULATION	INTEGER	Measurements to observe the sum of the delay jitter of the transmitted data for scheduling priority class 05 during a ROP period before it is scheduled. The jitter delay is defined as a time difference between current delay and the previous one. Each counter observes a specific SPI. The different flows are configured ON/OFF using RBS MOM parameter IubDataStreams::schHsFlowControlOnOff.	ME_NodeBFunction_HsDschResources.pmSumJitterSpi05	Sum	ecttbh, enlbbh, Sum
pmSumJitter	ACCUMUL	INTE	Measurements to	ME_NodeBFunction_Hs	Sum	ecttbh,

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Spi06	ATION	GER	<p>observe the sum of the delay jitter of the transmitted data for scheduling priority class 06 during a ROP period before it is scheduled. The jitter delay is defined as a time difference between current delay and the previous one. Each counter observes a specific SPI. The different flows are configured ON/OFF using RBS MOM parameter IubDataStreams::schHsFlowControlOnOff.</p>	DschResources.pmSumJitterSpi06		enlbh, Sum
pmSumJitterSpi07	ACCUMULATION	INTEGER	<p>Measurements to observe the sum of the delay jitter of the transmitted data for scheduling priority class 07 during a ROP period before it is scheduled. The jitter delay is defined as a time difference between current delay and the previous one. Each counter observes a specific SPI. The</p>	ME_NodeBFunction_HsDschResources.pmSumJitterSpi07	Sum	ectt h , enlbh, Sum

			different flows are configured ON/OFF using RBS MOM parameter IubDataStreams::schHsFlowControlOnOff.			
pmSumJitterSpi08	ACCUMULATION	INTEGER	Measurements to observe the sum of the delay jitter of the transmitted data for scheduling priority class 08 during a ROP period before it is scheduled. The jitter delay is defined as a time difference between current delay and the previous one. Each counter observes a specific SPI. The different flows are configured ON/OFF using RBS MOM parameter IubDataStreams::schHsFlowControlOnOff.	ME_NodeBFunction_HsDschResources.pmSumJitterSpi08	Sum	ecttbh, enblbh, Sum
pmSumJitterSpi09	ACCUMULATION	INTEGER	Measurements to observe the sum of the delay jitter of the transmitted data for	ME_NodeBFunction_HsDschResources.pmSumJitterSpi09	Sum	ecttbh, enblbh, Sum

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			<p>scheduling priority class 09 during a ROP period before it is scheduled. The jitter delay is defined as a time difference between current delay and the previous one. Each counter observes a specific SPI. The different flows are configured ON/OFF using RBS MOM parameter IubDataStreams::schHsFlowControlOnOff.</p>		
pmSumJitterSpi10	ACCUMULATION	INTEGER	<p>Measurements to observe the sum of the delay jitter of the transmitted data for scheduling priority class 10 during a ROP period before it is scheduled. The jitter delay is defined as a time difference between current delay and the previous one. Each counter observes a specific SPI. The different flows are configured ON/OFF using RBS MOM</p>	ME_NodeBFunction_HsDschResources.pmSumJitterSpi10	Sum ecttbh, enblbh, Sum

			parameter IubDataStreams::schHsFlowControlOnOff.		
pmSumJitterSpi11	ACCUMULATION	INTEGER	Measurements to observe the sum of the delay jitter of the transmitted data for scheduling priority class 11 during a ROP period before it is scheduled. The jitter delay is defined as a time difference between current delay and the previous one. Each counter observes a specific SPI. The different flows are configured ON/OFF using RBS MOM parameter IubDataStreams::schHsFlowControlOnOff.	ME_NodeBFunction_HsDschResources.pmSumJitterSpi11	Sum ecttbh, enblbh, Sum
pmSumJitterSpi12	ACCUMULATION	INTEGER	Measurements to observe the sum of the delay jitter of the transmitted data for scheduling priority class 12 during a ROP period before it is	ME_NodeBFunction_HsDschResources.pmSumJitterSpi12	Sum ecttbh, enblbh, Sum

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			<p>scheduled. The jitter delay is defined as a time difference between current delay and the previous one. Each counter observes a specific SPI. The different flows are configured ON/OFF using RBS MOM parameter IubDataStreams::schHsFlowControlOnOff.</p>		
pmSumJitterSpi13	ACCUMULATION	INTEGER	<p>Measurements to observe the sum of the delay jitter of the transmitted data for scheduling priority class 13 during a ROP period before it is scheduled. The jitter delay is defined as a time difference between current delay and the previous one. Each counter observes a specific SPI. The different flows are configured ON/OFF using RBS MOM parameter IubDataStreams::schHsFlowControlOnOff.</p>	ME_NodeBFunction_HsDschResources.pmSumJitterSpi13	<p>Sum</p> <p>ecttbh, enblbh, Sum</p>

pmSumJitterSpi14	ACCUMULATION	INTEGER	Measurements to observe the sum of the delay jitter of the transmitted data for scheduling priority class 14 during a ROP period before it is scheduled. The jitter delay is defined as a time difference between current delay and the previous one. Each counter observes a specific SPI. The different flows are configured ON/OFF using RBS MOM parameter IubDataStreams::schHsFlowControlOnOff.	ME_NodeBFunction_HsDschResources.pmSumJitterSpi14	Sum	ecttbh, enlbbh, Sum
pmSumJitterSpi15	ACCUMULATION	INTEGER	Measurements to observe the sum of the delay jitter of the transmitted data for scheduling priority class 15 during a ROP period before it is scheduled. The jitter delay is defined as a time difference	ME_NodeBFunction_HsDschResources.pmSumJitterSpi15	Sum	ecttbh, enlbbh, Sum

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			between current delay and the previous one. Each counter observes a specific SPI. The different flows are configured ON/OFF using RBS MOM parameter IubDataStreams::schHsFlowControlOnOff.		
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7.12.6 CDMA_Channel.Ericsson.UMTS.HSDSCH_Resource

HS-DSCH Resources related statistics.

KPI	Type	Data Type	Description	Derivation	Default Aggregator	Other Aggregators
$\%_Failed_CapAllocAttHsDsch$	PERCENTAGE	FLOAT	Percentage failed attempts to allocate resources for new HS-DSCH user.	$100 * \frac{\{pmCapacityAllocRejHsDschUsers\}}{\{pmCapacityAllocAttHsDschUsers\}}$	Average	ecttbh, enlbh
$\%_Failed_CapAllocAttHsPdsch$	PERCENTAGE	FLOAT	Percentage failed attempts to allocate HS-DSCH codes.	$100 * \frac{\{pmCapacityAllocRejHsPdschCodes\}}{\{pmCapacityAllocAttHsPdschCodes\}}$	Average	ecttbh, enlbh
Avg_pmNumHsPdschCodesAdded	INTENSITY	FLOAT	Average number of codes that are allocated for HS-DSCH (RNC allocation + codes allocated by the RBS dynamic HS-PDSCH code addition algorithm). The	$thresholddiv(\{pmSumNumHsPdschCodesAdded\}, \{pmSampleNumHsPdschCodesAdded\}, 0, 0)$	Average	Average, ecttbh, enlbh, Maximum, Minimum,

			measure is taken after limitations owing to HW is enforced.			Sum
pmAck64Qam_Avg	INTENSITY	FLOAT	Average: Counting the number of received ACKs for a specified transport block size (TBS) with 64QAM. The number of successful HARQ transmissions are counted of the MAC-hs layer.	ME_NodeBFunction_HsDschResources.pmAck64Qam_Avg	Average	ecttbfh, enblbfh, Sum, Minimum, Maximum
pmAck64Qam_Max	INTENSITY	INTEGER	Maximum: Counting the number of received ACKs for a specified transport block size (TBS) with 64QAM. The number of successful HARQ transmissions are counted of the MAC-hs layer.	ME_NodeBFunction_HsDschResources.pmAck64Qam_Max	Average	ecttbfh, enblbfh, Sum, Minimum, Maximum
pmAck64Qam_Min	INTENSITY	INTEGER	Minimum: Counting the number of received ACKs for a specified transport block size (TBS) with 64QAM. The number of successful HARQ	ME_NodeBFunction_HsDschResources.pmAck64Qam_Min	Average	ecttbfh, enblbfh, Sum, Minimum, Maximum

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			transmissions are counted of the MAC-hs layer.		
pmAckReceived	ACCUMULATION	INT8	The number of occasions when ACK is received, not counting repetitions of ACK transmissions.	ME_NodeBFunction_HsDschResources.pmAckReceived	Sum ecttbh, enblbh, Sum
pmAllocRejHwHsDschUsers	ACCUMULATION	INTEGER	The number of attempts to allocate resources for new HS-DSCH user that is rejected due to lack of HS resource capacity.	ME_NodeBFunction_HsDschResources.pmAllocRejHwHsDschUsers	Sum ecttbh, enblbh
pmAverageUserRate_Avg	INTENSITY	FLOAT	The average user rate among all users allocated to high-speed-DSCH in the cell	ME_NodeBFunction_HsDschResources.pmAverageUserRate_Avg	Average ecttbh, enblbh, Maximum, Minimum, Sum
pmAverageUserRate_Max	INTENSITY	FLOAT	The maximum user rate among all users allocated to high-speed-DSCH in the cell	ME_NodeBFunction_HsDschResources.pmAverageUserRate_Max	Average ecttbh, enblbh, Maximum, Minimum, Sum
pmAverageUserRate_Min	INTENSITY	FLOAT	The minimum user rate among all users allocated to	ME_NodeBFunction_HsDschResources.pmAverageUserRate_Min	Average ecttbh

			high-speed-DSCH in the cell			, enblb h, Maxi mum, Mini mum, Sum
pmCapacityAllocAttHsDschUsers	ACCUMULATION	INTEGER	The number of attempts to allocate resources for new HS-DSCH user.	ME_NodeBFunction_HsDschResources.pmCapacityAllocAttHsDschUsers	Sum	ectt bh , enblb h
pmCapacityAllocAttHsPdschCodes	ACCUMULATION	INTEGER	The number of attempts to allocate HS-PDSCH codes.	ME_NodeBFunction_HsDschResources.pmCapacityAllocAttHsPdschCodes	Sum	ectt bh , enblb h
pmCapacityAllocRejHsDschUsers	ACCUMULATION	INTEGER	The number of attempts to allocate resources for new HS-DSCH user that are rejected (related to bin [0] of pmCapacityHsDschUsers).	ME_NodeBFunction_HsDschResources.pmCapacityAllocRejHsDschUsers	Sum	ectt bh , enblb h
pmCapacityAllocRejHsPdschCodes	ACCUMULATION	INTEGER	The number of attempts to allocate HS-PDSCH codes that are rejected (related to bin [0] of pmCapacityHsPdschCodes).	ME_NodeBFunction_HsDschResources.pmCapacityAllocRejHsPdschCodes	Sum	ectt bh , enblb h
pmCapacityHsDschUsers_Avg	INTENSITY	FLOAT	Average: The distribution of the number of HS-	ME_NodeBFunction_HsDschResources.pmCapacityHsDschUsers_Avg	Average	ectt bh , enblb

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			DSCH users, as percentages of the corresponding license limit.			h, Sum, Minimum, Maximum
pmCapacityHsDschUsers_Max	INTENSITY	FLOAT	Maximum: The distribution of the number of HS-DSCH users, as percentages of the corresponding license limit.	ME_NodeBFunction_HsDschResources.pmCapacityHsDschUsers_Max	Average	ecttbh, enlbh, Sum, Minimum, Maximum
pmCapacityHsDschUsers_Min	INTENSITY	FLOAT	Minimum: The distribution of the number of HS-DSCH users, as percentages of the corresponding license limit.	ME_NodeBFunction_HsDschResources.pmCapacityHsDschUsers_Min	Average	ecttbh, enlbh, Sum, Minimum, Maximum
pmCapacityHsPdschCodes_Avg	INTENSITY	FLOAT	The distribution of the HS-PDSCH code utilization, as license limit percentages of the number of HS-PDSCH codes available for the scheduler.	ME_NodeBFunction_HsDschResources.pmCapacityHsPdschCodes_Avg	Average	Average, ecttbh, enlbh, Sum, Minimum, Maximum
pmCapacityHsPdschCodes_Max	INTENSITY	INTEGER	Maximum: The distribution of the HS-PDSCH code utilization, as license limit percentages of the number of HS-PDSCH codes	ME_NodeBFunction_HsDschResources.pmCapacityHsPdschCodes_Max	Average	ecttbh, enlbh, Maximum, Sum, Mini

			available for the scheduler			mum
pmCapacityHsPdschCodes_Min	INTENSITY	INTEGER	Minimum:The distribution of the HS-PDSCH code utilization, as license limit percentages of the number of HS-PDSCH codes available for the scheduler	ME_NodeBFunction_HsDschResources.pmCapacityHsPdschCodes_Min	Average	ecttbh, enlbh, Minimum, Sum, Maximum
pmIubMacdPduCellReceivedBits	ACCUMULATION	INTEGER	The number of bits received over Iub high-speed MAC-d PDU in the cell	ME_NodeBFunction_HsDschResources.pmIubMacdPduCellReceivedBits	Sum	ecttbh, enlbh, Sum
pmNackReceived	ACCUMULATION	INTEGER	The number of occasions when Negative Acknowledgement (NACK) is received	ME_NodeBFunction_HsDschResources.pmNackReceived	Sum	ecttbh, enlbh, Sum
pmNoActiveSubFrames	ACCUMULATION	INTEGER	The sum of active 2 ms subframes	ME_NodeBFunction_HsDschResources.pmNoActiveSubFrames	Sum	ecttbh, enlbh, Sum
pmNoInactiveRequiredSubFrames	ACCUMULATION	INTEGER	The sum of 2 ms subframes	ME_NodeBFunction_HsDschResources.pmNoInactiveRequiredSubFrames	Sum	ecttbh, enlbh, Sum
pmNoOfHsUsersPerTti_0	ACCUMULATION	INTEGER	Number of high-speed users scheduled in the cell at each 2 ms	ME_NodeBFunction_HsDschResources.pmNoOfHsUsersPerTti_0	Sum	ecttbh, enlbh,

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			Transmission Time Interval (TTI) is 0. PDF from 0 to 4 users.			Sum
pmNoOfHsUsersPerTti_1	ACCUMULATION	INTEGER	Number of high-speed users scheduled in the cell at each 2 ms Transmission Time Interval (TTI) is 1. PDF from 0 to 4 users.	ME_NodeBFunction_HsDschResources.pmNoOfHsUsersPerTti_1	Sum	ecttbh, enlbh, Sum
pmNoOfHsUsersPerTti_2	ACCUMULATION	INTEGER	Number of high-speed users scheduled in the cell at each 2 ms Transmission Time Interval (TTI) is 2. PDF from 0 to 4 users.	ME_NodeBFunction_HsDschResources.pmNoOfHsUsersPerTti_2	Sum	ecttbh, enlbh, Sum
pmNoOfHsUsersPerTti_3	ACCUMULATION	INTEGER	Number of high-speed users scheduled in the cell at each 2 ms Transmission Time Interval (TTI) is 3. PDF from 0 to 4 users.	ME_NodeBFunction_HsDschResources.pmNoOfHsUsersPerTti_3	Sum	ecttbh, enlbh, Sum
pmNoOfHsUsersPerTti_4	ACCUMULATION	INTEGER	Number of high-speed users scheduled in the cell at each 2 ms Transmission Time Interval (TTI) is 4. PDF from 0 to 4 users.	ME_NodeBFunction_HsDschResources.pmNoOfHsUsersPerTti_4	Sum	ecttbh, enlbh, Sum
pmNoOfHsUsersPerTti_Avg	INTENSITY	FLOAT	Average number of high-speed users scheduled in the cell at each 2 ms Transmission Time Interval (TTI). PDF from 0	ME_NodeBFunction_HsDschResources.pmNoOfHsUsersPerTti_Avg	Average	Average, ecttbh, enlbh, Maxi

			to 4 users.			mum, Mini mum, Sum
pmRemainingResourceCheck_0	ACCUMULATION	INTEGER	Zero occurrence why it is not possible to schedule another high-speed user for immediate traffic due to HS-SCCH code shortage.	ME_NodeBFunction_HsDschResources.pmRemainingResourceCheck_0	Sum	ectt bh , enbl h, Sum
pmRemainingResourceCheck_1	ACCUMULATION	INTEGER	Number of 1 occurrence why it is not possible to schedule another high-speed user for immediate traffic due to HS-PDSCH code shortage	ME_NodeBFunction_HsDschResources.pmRemainingResourceCheck_1	Sum	ectt bh , enbl h, Sum
pmRemainingResourceCheck_2	ACCUMULATION	INTEGER	Number of 2 occurrence why it is not possible to schedule another high-speed user for immediate traffic due to HS-PDSCH power shortage.	ME_NodeBFunction_HsDschResources.pmRemainingResourceCheck_2	Sum	ectt bh , enbl h, Sum
pmReportedCqi_0	ACCUMULATION	INTEGER	The reported number of Channel Quality Indicator (CQI) value of 0	ME_NodeBFunction_HsDschResources.pmReportedCqi_0	Sum	ectt bh , enbl h, Sum
pmReportedCqi_1_30	ACCUMULATION	INTEGER	Sum of reported reported CQI	ME_NodeBFunction_HsDschResources.pmReportedCq	Sum	ectt bh ,

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	N	R	arrays from 1 to 30	i_1_30		enblbh, Sum
pmReportedCqi_Avg	INTENSITY	FLOAT	The average reported Channel Quality Indicator (CQI)	ME_NodeBFunction_HsDschResources.pmReportedCqi_Avg	Average	Average, ecttbh, enblbh, Maximum, Minimum, Sum
pmReportedCqi_Max	INTENSITY	INTEGER	The maximum reported Channel Quality Indicator (CQI)	ME_NodeBFunction_HsDschResources.pmReportedCqi_Max	Average	Average, ecttbh, enblbh, Maximum, Minimum, Sum
pmReportedCqi_Min	INTENSITY	INTEGER	The minimum reported Channel Quality Indicator (CQI)	ME_NodeBFunction_HsDschResources.pmReportedCqi_Min	Average	Average, ecttbh, enblbh, Maximum, Minimum, Sum
pmReportedCqi64Qam_Avg	INTENSITY	FLOAT	Average: The UE reported CQI received for a 64QAM-enabled HS-DSCH. Note that it is the true (unadjusted) CQI	ME_NodeBFunction_HsDschResources.pmReportedCqi64Qam_Avg	Average	ecttbh, enblbh, Sum, Minimum,

			that is counted for 64QAM-enabled HS-DSCHs.			Maximum
pmReportedCqi64Qam_Max	INTENSITY	INTEGER	Maximum: The UE reported CQI received for a 64QAM-enabled HS-DSCH. Note that it is the true (unadjusted) CQI that is counted for 64QAM-enabled HS-DSCHs.	ME_NodeBFunction_HsDschResources.pmReportedCqi64Qam_Max	Average	ecttbn, enblbn, Sum, Minimum, Maximum
pmReportedCqi64Qam_Min	INTENSITY	INTEGER	Minimum: The UE reported CQI received for a 64QAM-enabled HS-DSCH. Note that it is the true (unadjusted) CQI that is counted for 64QAM-enabled HS-DSCHs.	ME_NodeBFunction_HsDschResources.pmReportedCqi64Qam_Min	Average	ecttbn, enblbn, Sum, Minimum, Maximum
pmReportedCqiMimoDs1_Avg	INTENSITY	FLOAT	Average: The UE reported dual stream CQI for stream 1. Note that it is the true (e.g. unadjusted) CQI that is counted. This counter is only relevant for UEs using MIMO.	ME_NodeBFunction_HsDschResources.pmReportedCqiMimoDs1_Avg	Average	ecttbn, enblbn, Sum, Minimum, Maximum
pmReportedCqiMimoDs1_Max	INTENSITY	INTEGER	Maximum: The UE reported dual stream CQI for stream 1. Note that it is the true (e.g.	ME_NodeBFunction_HsDschResources.pmReportedCqiMimoDs1_Max	Average	ecttbn, enblbn, Sum,

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			unadjusted) CQI that is counted. This counter is only relevant for UEs using MIMO.			Minimum, Maximum
pmReportedCqiMimoDs1_Min	INTENSITY	INTEGER	Minimum: The UE reported dual stream CQI for stream 1. Note that it is the true (e.g. unadjusted) CQI that is counted. This counter is only relevant for UEs using MIMO.	ME_NodeBFunction_HsDschResources.pmReportedCqiMimoDs1_Min	Average	ecttbbh, enblbh, Sum, Minimum, Maximum
pmReportedCqiMimoDs2_Avg	INTENSITY	FLOAT	Average: The UE reported dual stream CQI for stream 2. Note that it is the true (e.g. unadjusted) CQI that is counted. This counter is only relevant for UEs using MIMO.	ME_NodeBFunction_HsDschResources.pmReportedCqiMimoDs2_Avg	Average	ecttbbh, enblbh, Sum, Minimum, Maximum
pmReportedCqiMimoDs2_Max	INTENSITY	INTEGER	Maximum: The UE reported dual stream CQI for stream 2. Note that it is the true (e.g. unadjusted) CQI that is counted. This counter is only relevant for UEs using MIMO.	ME_NodeBFunction_HsDschResources.pmReportedCqiMimoDs2_Max	Average	ecttbbh, enblbh, Sum, Minimum, Maximum
pmReportedCqiMimoDs2_Min	INTENSITY	INTEGER	Minimum: The UE reported dual stream CQI for stream 2. Note that it is the true (e.g. unadjusted) CQI that is counted. This counter is	ME_NodeBFunction_HsDschResources.pmReportedCqiMimoDs2_Min	Average	ecttbbh, enblbh, Sum, Minimum, Maxi

			only relevant for UEs using MIMO.			mum
pmReportedCqiMimoSs_Avg	INTENSITY	FLOAT	Average: The UE reported CQI for single stream CQI. Note that it is the true (unadjusted) CQI that is counted. This counter is only relevant for UEs using MIMO.	ME_NodeBFunction_HsDschResources.pmReportedCqiMimoSs_Avg	Average	ecttbfh, enblbh, Sum, Minimum, Maximum
pmReportedCqiMimoSs_Max	INTENSITY	INTEGER	Maximum: The UE reported CQI for single stream CQI. Note that it is the true (unadjusted) CQI that is counted. This counter is only relevant for UEs using MIMO.	ME_NodeBFunction_HsDschResources.pmReportedCqiMimoSs_Max	Average	ecttbfh, enblbh, Sum, Minimum, Maximum
pmReportedCqiMimoSs_Min	INTENSITY	INTEGER	Minimum: The UE reported CQI for single stream CQI. Note that it is the true (unadjusted) CQI that is counted. This counter is only relevant for UEs using MIMO.	ME_NodeBFunction_HsDschResources.pmReportedCqiMimoSs_Min	Average	ecttbfh, enblbh, Sum, Minimum, Maximum
pmReportedInvalid_Cqi	ACCUMULATION	INTEGER	The reported number of invalid Channel Quality Indicator (CQI)	ME_NodeBFunction_HsDschResources.pmReportedCqi_31	Sum	ecttbfh, enblbh, Sum
pmSampleNumHs	ACCUM	INT	The number of	ME_NodeBFunction_HsDs	Sum	ecttbfh

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PdschCodesAdded	ACCUMULATION	INTEGER	times the RBS dynamic code addition algorithm is executed	chResources.pmSampleNumHsPdschCodesAdded	Sum	ecttbf, enblbh, Sum
pmSamplesCapacityHsDschUsers	ACCUMULATION	INTEGER	Number of samples in pmSumCapacityHsDschUsers (that is, pmSamplesCapacityHsDschUsers = pmSamplesCapacityHsDschUsers + 1, whenever pmSumCapacityHsDschUsers is to be updated).	ME_NodeBFunction_HsDschResources.pmSamplesCapacityHsDschUsers	Sum	ecttbf, enblbh
pmSamplesCapacityHsPdschCodes	ACCUMULATION	INTEGER	Number of samples in pmSumCapacityHsPdschCodes (that is, pmSamplesCapacityHsPdschCodes = pmSamplesCapacityHsPdschCodes + 1, whenever pmSumCapacityHsPdschCodes is to be updated).	ME_NodeBFunction_HsDschResources.pmSamplesCapacityHsPdschCodes	Sum	ecttbf, enblbh
pmSumAckedBits	ACCUMULATION	INTEGER	-Obsolete in P6- The number of bits transmitted at Media Access Control high-speed (MAC-hs) and acknowledged by the User Equipment (UE).	ME_NodeBFunction_HsDschResources.pmSumAckedBits	Sum	ecttbf, enblbh, Sum
pmSumAckedBitsSpi00	ACCUMULATION	INTEGER	The number of MAC-hs bits received and acknowledged by	ME_NodeBFunction_HsDschResources.pmSumAckedBitsSpi00	Sum	ecttbf, enblbh,

			the User Equipment (UE). Each counter observes a specific SPI. The different flows are configured ON/OFF using RBS MOM parameter IubDataStreams::schHsFlowControl OnOff.			Sum
pmSumAckedBits Spi01	ACCUM ULATIO N	INT EGE R	The number of MAC-hs bits received and acknowledged by the User Equipment (UE). Each counter observes a specific SPI. The different flows are configured ON/OFF using RBS MOM parameter IubDataStreams::schHsFlowControl OnOff.	ME_NodeBFunction_HsDs chResources.pmSumAcked BitsSpi01	Sum	ecttbh , enblb h, Sum
pmSumAckedBits Spi02	ACCUM ULATIO N	INT EGE R	The number of MAC-hs bits received and acknowledged by the User Equipment (UE). Each counter observes a specific SPI. The different flows are	ME_NodeBFunction_HsDs chResources.pmSumAcked BitsSpi02	Sum	ecttbh , enblb h, Sum

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			configured ON/OFF using RBS MOM parameter IubDataStreams::schHsFlowControl OnOff.		
pmSumAckedBits Spi03	ACCUMULATION	INTEGER	The number of MAC-hs bits received and acknowledged by the User Equipment (UE). Each counter observes a specific SPI. The different flows are configured ON/OFF using RBS MOM parameter IubDataStreams::schHsFlowControl OnOff.	ME_NodeBFunction_HsDschResources.pmSumAckedBitsSpi03	Sum ecttbh , enblbh, Sum
pmSumAckedBits Spi04	ACCUMULATION	INTEGER	The number of MAC-hs bits received and acknowledged by the User Equipment (UE). Each counter observes a specific SPI. The different flows are configured ON/OFF using RBS MOM parameter IubDataStreams::schHsFlowControl OnOff.	ME_NodeBFunction_HsDschResources.pmSumAckedBitsSpi04	Sum ecttbh , enblbh, Sum
pmSumAckedBits Spi05	ACCUMULATION	INTEGER	The number of MAC-hs bits received and	ME_NodeBFunction_HsDschResources.pmSumAckedBitsSpi05	Sum ecttbh , enblbh

			acknowledged by the User Equipment (UE). Each counter observes a specific SPI. The different flows are configured ON/OFF using RBS MOM parameter IubDataStreams::schHsFlowControl OnOff.			h, Sum
pmSumAckedBits Spi06	ACCUMULATION	INTEGER	The number of MAC-hs bits received and acknowledged by the User Equipment (UE). Each counter observes a specific SPI. The different flows are configured ON/OFF using RBS MOM parameter IubDataStreams::schHsFlowControl OnOff.	ME_NodeBFunction_HsDschResources.pmSumAckedBitsSpi06	Sum	ecttbbh, enlbh, Sum
pmSumAckedBits Spi07	ACCUMULATION	INTEGER	The number of MAC-hs bits received and acknowledged by the User Equipment (UE). Each counter observes a specific SPI. The different	ME_NodeBFunction_HsDschResources.pmSumAckedBitsSpi07	Sum	ecttbbh, enlbh, Sum

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			flows are configured ON/OFF using RBS MOM parameter IubDataStreams::schHsFlowControl OnOff.		
pmSumAckedBits Spi08	ACCUMULATION	INTEGER	The number of MAC-hs bits received and acknowledged by the User Equipment (UE). Each counter observes a specific SPI. The different flows are configured ON/OFF using RBS MOM parameter IubDataStreams::schHsFlowControl OnOff.	ME_NodeBFunction_HsDschResources.pmSumAckedBitsSpi08	Sum ecttbh , enlbh, Sum
pmSumAckedBits Spi09	ACCUMULATION	INTEGER	The number of MAC-hs bits received and acknowledged by the User Equipment (UE). Each counter observes a specific SPI. The different flows are configured ON/OFF using RBS MOM parameter IubDataStreams::schHsFlowControl OnOff.	ME_NodeBFunction_HsDschResources.pmSumAckedBitsSpi09	Sum ecttbh , enlbh, Sum
pmSumAckedBits Spi10	ACCUMULATION	INTEGER	The number of MAC-hs bits	ME_NodeBFunction_HsDschResources.pmSumAcked	Sum ecttbh ,

	N	R	received and acknowledged by the User Equipment (UE). Each counter observes a specific SPI. The different flows are configured ON/OFF using RBS MOM parameter IubDataStreams::schHsFlowControl OnOff.	BitsSpi10		enblh, Sum
pmSumAckedBits Spi11	ACCUMULATION	INTEGER	The number of MAC-hs bits received and acknowledged by the User Equipment (UE). Each counter observes a specific SPI. The different flows are configured ON/OFF using RBS MOM parameter IubDataStreams::schHsFlowControl OnOff.	ME_NodeBFunction_HsDs chResources.pmSumAcked BitsSpi11	Sum	ecttbh, enblh, Sum
pmSumAckedBits Spi12	ACCUMULATION	INTEGER	The number of MAC-hs bits received and acknowledged by the User Equipment (UE). Each counter observes a specific	ME_NodeBFunction_HsDs chResources.pmSumAcked BitsSpi12	Sum	ecttbh, enblh, Sum

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			SPI. The different flows are configured ON/OFF using RBS MOM parameter IubDataStreams::schHsFlowControl OnOff.		
pmSumAckedBits Spi13	ACCUMULATION	INTEGER	The number of MAC-hs bits received and acknowledged by the User Equipment (UE). Each counter observes a specific SPI. The different flows are configured ON/OFF using RBS MOM parameter IubDataStreams::schHsFlowControl OnOff.	ME_NodeBFunction_HsDschResources.pmSumAckedBitsSpi13	Sum ecttbh , enblbh, Sum
pmSumAckedBits Spi14	ACCUMULATION	INTEGER	The number of MAC-hs bits received and acknowledged by the User Equipment (UE). Each counter observes a specific SPI. The different flows are configured ON/OFF using RBS MOM parameter IubDataStreams::schHsFlowControl OnOff.	ME_NodeBFunction_HsDschResources.pmSumAckedBitsSpi14	Sum ecttbh , enblbh, Sum
pmSumAckedBits	ACCUM	INT	The number of	ME_NodeBFunction_HsDs	Sum ecttbh

Spi15	ULATI ON	EGE R	MAC-hs bits received and acknowledged by the User Equipment (UE). Each counter observes a specific SPI. The different flows are configured ON/OFF using RBS MOM parameter IubDataStreams::schHsFlowControl OnOff.	chResources.pmSumAcked BitsSpi15		, enbl h, Sum
pmSumCapacityH sDsSchUsers	ACCUM ULATI ON	INT EGE R	Aggregate of all sample values (measurement_val ue) recorded within the ROP for number of HS-DSCH users.	ME_NodeBFunction_HsDs chResources.pmSumCapacit yHsDsSchUsers	Sum	ectt bh , enbl h
pmSumCapacityH sPdschCodes	ACCUM ULATI ON	INT EGE R	Aggregate of all sample values (measurement_val ue) recorded within the ROP for number of used HS-PDSCH codes.	ME_NodeBFunction_HsDs chResources.pmSumCapacit yHsPdschCodes	Sum	ectt bh , enbl h
pmSumNonEmpty UserBuffers	ACCUM ULATI ON	INT 8	The number of user buffers with data in the buffer.	ME_NodeBFunction_HsDs chResources.pmSumNonEm ptyUserBuffers	Sum	ectt bh , enbl h, Sum
pmSumNumHsPd schCodesAdded	ACCUM ULATI ON	INT EGE	Sum of all codes that are allocated	ME_NodeBFunction_HsDs chResources.pmSumNumHs	Sum	ectt bh ,

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	N	R	for HS-DSCH (RNC allocation + codes allocated by the RBS dynamic HS-PDSCH code addition algorithm). The measure is taken after limitations owing to HW is enforced.	PdschCodesAdded		enblb h, Sum
pmSumOfHsScchUsedPwr_Avg	INTENSITY	FLOAT	Average:HS-SCCH transmitted power per cell. If more than one HS-SCCH code is used, then the registered value is the sum of each individual value. PDF with range of 103 steps range, 0 to 50.5 dBm with 0.5 dBm resolution.	ME_NodeBFunction_HsDschResources.pmSumOfHsScchUsedPwr_Avg	Average	Average, ecttbh, enblb h, Maximum, Minimum, Sum
pmSumOfHsScchUsedPwr_Max	INTENSITY	FLOAT	Maximum:HS-SCCH transmitted power per cell. If more than one HS-SCCH code is used, then the registered value is the sum of each individual value. PDF with range of 103 steps range, 0 to 50.5 dBm with 0.5 dBm resolution.	ME_NodeBFunction_HsDschResources.pmSumOfHsScchUsedPwr_Max	Average	Average, ecttbh, enblb h, Maximum, Minimum, Sum
pmSumOfHsScchUsedPwr_Min	INTENSITY	FLOAT	Minimum:HS-SCCH transmitted power per cell. If more than one HS-SCCH code is	ME_NodeBFunction_HsDschResources.pmSumOfHsScchUsedPwr_Min	Average	Average, ecttbh, enblb

			used, then the registered value is the sum of each individual value. PDF with range of 103 steps range, 0 to 50.5 dBm with 0.5 dBm resolution.			h, Maximum, Minimum, Sum
pmSumSqrCapacityHsDschUsers	ACCUMULATION	INTEGER	Aggregate of the squares of the sample values (measurement_value) in pmSumCapacityHsDschUsers, that is, pmSumSqrCapacityHsDschUsers = pmSumSqrCapacityHsDschUsers + sqr(measurement_value).	ME_NodeBFunction_HsDschResources.pmSumSqrCapacityHsDschUsers	Sum	ecttbn, enblbn
pmSumSqrCapacityHsPdschCodes	ACCUMULATION	INTEGER	Aggregate of the squares of the sample values (measurement_value) in pmSumCapacityHsPdschCodes, that is, pmSumSqrCapacityHsPdschCodes = pmSumSqrCapacityHsPdschCodes + sqr(measurement_value).	ME_NodeBFunction_HsDschResources.pmSumSqrCapacityHsPdschCodes	Sum	ecttbn, enblbn
pmSumTransmittedBits	ACCUMULATION	INT8	-Obsolete in P6- The number of	ME_NodeBFunction_HsDschResources.pmSumTransm	Sum	ecttbn,

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	N		transmitted bits at MAC-hs, level including retransmissions	mittedBits		enblh, Sum
pmSumTransmittedBitsSpi00	ACCUMULATION	INTEGER	Measurements to observe the total amount of data sent on MAC-hs level per scheduling priority class 00. Each counter observes a specific SPI. The different flows are configured ON/OFF using RBS MOM parameter IubDataStreams::schHsFlowControlOnOff.	ME_NodeBFunction_HsDsChResources.pmSumTransmittedBitsSpi00	Sum	ecttbh, enblh, Sum
pmSumTransmittedBitsSpi01	ACCUMULATION	INTEGER	Measurements to observe the total amount of data sent on MAC-hs level per scheduling priority class 01. Each counter observes a specific SPI. The different flows are configured ON/OFF using RBS MOM parameter IubDataStreams::schHsFlowControlOnOff.	ME_NodeBFunction_HsDsChResources.pmSumTransmittedBitsSpi01	Sum	ecttbh, enblh, Sum
pmSumTransmittedBitsSpi02	ACCUMULATION	INTEGER	Measurements to observe the total amount of data sent on MAC-hs level per scheduling priority	ME_NodeBFunction_HsDsChResources.pmSumTransmittedBitsSpi02	Sum	ecttbh, enblh, Sum

			class 02 Each counter observes a specific SPI. The different flows are configured ON/OFF using RBS MOM parameter IubDataStreams::schHsFlowControl OnOff.		
pmSumTransmittedBitsSpi03	ACCUMULATION	INTEGER	Measurements to observe the total amount of data sent on MAC-hs level per scheduling priority class 03. Each counter observes a specific SPI. The different flows are configured ON/OFF using RBS MOM parameter IubDataStreams::schHsFlowControl OnOff.	ME_NodeBFunction_HsDschResources.pmSumTransmittedBitsSpi03	Sum ecttbh , enblbh, Sum
pmSumTransmittedBitsSpi04	ACCUMULATION	INTEGER	Measurements to observe the total amount of data sent on MAC-hs level per scheduling priority class 04. Each counter observes a specific SPI. The different flows are configured ON/OFF using	ME_NodeBFunction_HsDschResources.pmSumTransmittedBitsSpi04	Sum ecttbh , enblbh, Sum

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			RBS MOM parameter IubDataStreams::schHsFlowControl OnOff.		
pmSumTransmittedBitsSpi05	ACCUMULATION	INTEGER	Measurements to observe the total amount of data sent on MAC-hs level per scheduling priority class 05. Each counter observes a specific SPI. The different flows are configured ON/OFF using RBS MOM parameter IubDataStreams::schHsFlowControl OnOff.	ME_NodeBFunction_HsDs chResources.pmSumTransmittedBitsSpi05	Sum ecttbh , enlbh, Sum
pmSumTransmittedBitsSpi06	ACCUMULATION	INTEGER	Measurements to observe the total amount of data sent on MAC-hs level per scheduling priority class 06. Each counter observes a specific SPI. The different flows are configured ON/OFF using RBS MOM parameter IubDataStreams::schHsFlowControl OnOff.	ME_NodeBFunction_HsDs chResources.pmSumTransmittedBitsSpi06	Sum ecttbh , enlbh, Sum
pmSumTransmittedBitsSpi07	ACCUMULATION	INTEGER	Measurements to observe the total amount of data sent on MAC-hs level per	ME_NodeBFunction_HsDs chResources.pmSumTransmittedBitsSpi07	Sum ecttbh , enlbh, Sum

			scheduling priority class 07. Each counter observes a specific SPI. The different flows are configured ON/OFF using RBS MOM parameter IubDataStreams::schHsFlowControl OnOff.		
pmSumTransmittedBitsSpi08	ACCUMULATION	INTEGER	Measurements to observe the total amount of data sent on MAC-hs level per scheduling priority class 08. Each counter observes a specific SPI. The different flows are configured ON/OFF using RBS MOM parameter IubDataStreams::schHsFlowControl OnOff.	ME_NodeBFunction_HsDschResources.pmSumTransmittedBitsSpi08	Sum ecttbh , enblbh, Sum
pmSumTransmittedBitsSpi09	ACCUMULATION	INTEGER	Measurements to observe the total amount of data sent on MAC-hs level per scheduling priority class 09. Each counter observes a specific SPI. The different flows are configured	ME_NodeBFunction_HsDschResources.pmSumTransmittedBitsSpi09	Sum ecttbh , enblbh, Sum

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			ON/OFF using RBS MOM parameter IubDataStreams::schHsFlowControl OnOff.		
pmSumTransmittedBitsSpi10	ACCUMULATION	INTEGER	Measurements to observe the total amount of data sent on MAC-hs level per scheduling priority class 10. Each counter observes a specific SPI. The different flows are configured ON/OFF using RBS MOM parameter IubDataStreams::schHsFlowControl OnOff.	ME_NodeBFunction_HsDschResources.pmSumTransmittedBitsSpi10	Sum ecttbh , enlbh, Sum
pmSumTransmittedBitsSpi11	ACCUMULATION	INTEGER	Measurements to observe the total amount of data sent on MAC-hs level per scheduling priority class 11. Each counter observes a specific SPI. The different flows are configured ON/OFF using RBS MOM parameter IubDataStreams::schHsFlowControl OnOff.	ME_NodeBFunction_HsDschResources.pmSumTransmittedBitsSpi11	Sum ecttbh , enlbh, Sum
pmSumTransmittedBitsSpi12	ACCUMULATION	INTEGER	Measurements to observe the total amount of data sent on MAC-hs	ME_NodeBFunction_HsDschResources.pmSumTransmittedBitsSpi12	Sum ecttbh , enlbh,

			level per scheduling priority class 12. Each counter observes a specific SPI. The different flows are configured ON/OFF using RBS MOM parameter IubDataStreams::schHsFlowControl OnOff.			Sum
pmSumTransmittedBitsSpi13	ACCUMULATION	INTEGER	Measurements to observe the total amount of data sent on MAC-hs level per scheduling priority class 13. Each counter observes a specific SPI. The different flows are configured ON/OFF using RBS MOM parameter IubDataStreams::schHsFlowControl OnOff.	ME_NodeBFunction_HsDschResources.pmSumTransmittedBitsSpi13	Sum	ecttbh, enlbh, Sum
pmSumTransmittedBitsSpi14	ACCUMULATION	INTEGER	Measurements to observe the total amount of data sent on MAC-hs level per scheduling priority class 14. Each counter observes a specific SPI. The different flows are	ME_NodeBFunction_HsDschResources.pmSumTransmittedBitsSpi14	Sum	ecttbh, enlbh, Sum

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			configured ON/OFF using RBS MOM parameter IubDataStreams::schHsFlowControl OnOff.		
pmSumTransmittedBitsSpi15	ACCUMULATION	INTEGER	Measurements to observe the total amount of data sent on MAC-hs level per scheduling priority class 15. Each counter observes a specific SPI. The different flows are configured ON/OFF using RBS MOM parameter IubDataStreams::schHsFlowControl OnOff.	ME_NodeBFunction_HsDschResources.pmSumTransmittedBitsSpi15	Sum ecttbh , enblbh, Sum
pmTransmittedCarrierPowerHs_Avg	INTENSITY	FLOAT	Average transmitted carrier power for all codes used for transmission of HSDPA channels including HS-PDSCH, HS-SCCH, E-AGCH, E-RGCH and E-HICH.	ME_NodeBFunction_HsDschResources.pmTransmittedCarrierPowerHs_Avg	Average, ecttbh , enblbh, Maximum, Minimum, Sum
pmTransmittedCarrierPowerHs_Max	INTENSITY	FLOAT	Maximum transmitted carrier power for all codes used for transmission of HSDPA channels including HS-PDSCH, HS-SCCH, E-AGCH,	ME_NodeBFunction_HsDschResources.pmTransmittedCarrierPowerHs_Max	Constant Average, ecttbh , enblbh, Maximum, Mini

			E-RGCH and E-HICH.			Sum
pmTransmittedCarrierPowerHs_Min	INTENSITY	FLOAT	Minimum transmitted carrier power for all codes used for transmission of HSDPA channels including HS-PDSCH, HS-SCCH, E-AGCH, E-RGCH and E-HICH.	ME_NodeBFunction_HsDs chResources.pmTransmittedCarrierPowerHs_Min	Minimum	Average, ecttbh, enlbh, Maximum, Minimum, Sum
pmTransmittedCarrierPowerNonHs_Avg	INTENSITY	FLOAT	The average transmitted carrier power for all codes not used for High-Speed Physical Downlink Shared Channel (HS-PDSCH) or HS-SCCH transmission	ME_NodeBFunction_HsDs chResources.pmTransmittedCarrierPowerNonHs_Avg	Average	Average, ecttbh, enlbh, Maximum, Minimum, Sum
pmTransmittedCarrierPowerNonHs_Max	INTENSITY	FLOAT	The maximum distribution of transmitted carrier power for all codes not used for High-Speed Physical Downlink Shared Channel (HS-PDSCH) or HS-SCCH transmission	ME_NodeBFunction_HsDs chResources.pmTransmittedCarrierPowerNonHs_Max	Average	Average, ecttbh, enlbh, Maximum, Minimum, Sum
pmTransmittedCarrierPowerNonHs_Min	INTENSITY	FLOAT	The minimum transmitted carrier	ME_NodeBFunction_HsDs chResources.pmTransmitted	Average	Average,

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Min			power for all codes not used for High-Speed Physical Downlink Shared Channel (HS-PDSCH) or HS-SCCH transmission	CarrierPowerNonHs_Min		ecttbh , enblbh, Maximum, Minimum, Sum
pmUsedCqi_0	ACCUMULATION	INTEGER	The number of occurrence of adjusted CQI value of 0. This counter is only relevant for UEs not using MIMO. No corresponding counter exists for UEs using MIMO.	ME_NodeBFunction_HsDschResources.pmUsedCqi_0	Sum	ecttbh , enblbh, Sum
pmUsedCqi_1_29	ACCUMULATION	INTEGER	Sum of reported used CQI arrays from 1 to 30. This counter is only relevant for UEs not using MIMO. No corresponding counter exists for UEs using MIMO.	ME_NodeBFunction_HsDschResources.pmUsedCqi_1_29	Sum	ecttbh , enblbh, Sum
pmUsedCqi_Avg	INTENSITY	FLOAT	The average adjusted CQI, which is used to calculate the transport format when the user is transmitting on the high-speed-DSCH. This counter is only relevant for UEs not using MIMO. No corresponding counter exists for UEs using MIMO.	ME_NodeBFunction_HsDschResources.pmUsedCqi_Avg	Average	Average, ecttbh , enblbh, Maximum, Minimum, Sum

pmUsedCqi_Max	INTENSITY	FLOAT	The maximum adjusted CQI, which is used to calculate the transport format when the user is transmitting on the high-speed-DSCH. This counter is only relevant for UEs not using MIMO. No corresponding counter exists for UEs using MIMO.	ME_NodeBFunction_HsDschResources.pmUsedCqi_Max	Average	Average, ecttbh, enblbh, Maximum, Minimum, Sum
pmUsedCqi_Min	INTENSITY	FLOAT	The minimum adjusted CQI, which is used to calculate the transport format when the user is transmitting on the high-speed-DSCH. This counter is only relevant for UEs not using MIMO. No corresponding counter exists for UEs using MIMO.	ME_NodeBFunction_HsDschResources.pmUsedCqi_Min	Average	Average, ecttbh, enblbh, Maximum, Minimum, Sum
pmUsedHsPdschCodes_Avg	INTENSITY	FLOAT	Average: The distribution of the HS-PDSCH code utilization, as the number of HS-PDSCH codes used by the scheduler.	ME_NodeBFunction_HsDschResources.pmUsedHsPdschCodes_Avg	Average	ecttbh, enblbh, Sum, Minimum, Maximum

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pmUsedHsPdschCodes_Max	INTENSITY	INTEGER	Maximum: The distribution of the HS-PDSCH code utilization, as the number of HS-PDSCH codes used by the scheduler.	ME_NodeBFunction_HsDschResources.pmUsedHsPdschCodes_Max	Average	ecttbbh, enlbh, Sum, Minimum, Maximum
pmUsedHsPdschCodes_Min	INTENSITY	INTEGER	Minimum: The distribution of the HS-PDSCH code utilization, as the number of HS-PDSCH codes used by the scheduler.	ME_NodeBFunction_HsDschResources.pmUsedHsPdschCodes_Min	Average	ecttbbh, enlbh, Sum, Minimum, Maximum
pmUsedTbs64Qam_Avg	INTENSITY	FLOAT	Average: Counting the number of used transport block size (TBS) with 64QAM. The number of successful HARQ transmissions are counted on the MAC-hs layer.	ME_NodeBFunction_HsDschResources.pmUsedTbs64Qam_Avg	Average	ecttbbh, enlbh, Sum, Minimum, Maximum
pmUsedTbs64Qam_Max	INTENSITY	INTEGER	Maximum: Counting the number of used transport block size (TBS) with 64QAM. The number of successful HARQ transmissions are counted on the MAC-hs layer.	ME_NodeBFunction_HsDschResources.pmUsedTbs64Qam_Max	Average	ecttbbh, enlbh, Sum, Minimum, Maximum
pmUsedTbs64Qam_Min	INTENSITY	INTEGER	Minimum: Counting the number of used transport block	ME_NodeBFunction_HsDschResources.pmUsedTbs64Qam_Min	Average	ecttbbh, enlbh,

			size (TBS) with 64QAM. The number of successful HARQ transmissions are counted on the MAC-hs layer.			Sum, Minimum, Maximum
Tot_pmSumAckedBitsSpi	ACCUMULATION	INTEGER	The total number of MAC-hs bits received and acknowledged by the User Equipment (UE) for all SPIs	ME_NodeBFunction_HsDschResources.pmSumAckedBitsSpi00 + pmSumAckedBitsSpi01 + pmSumAckedBitsSpi02 + pmSumAckedBitsSpi03 + pmSumAckedBitsSpi04 + pmSumAckedBitsSpi05 + pmSumAckedBitsSpi06 + pmSumAckedBitsSpi07 + pmSumAckedBitsSpi08 + pmSumAckedBitsSpi09 + pmSumAckedBitsSpi10 + pmSumAckedBitsSpi11 + pmSumAckedBitsSpi12 + pmSumAckedBitsSpi13 + pmSumAckedBitsSpi14 + pmSumAckedBitsSpi15	Sum	ecttbf, enlbh, Sum
Tot_pmSumTransmittedBitsSpi	ACCUMULATION	INTEGER	Total amount of data sent on MAC-hs level per scheduling priority class 0-15.	ME_NodeBFunction_HsDschResources.pmSumTransmittedBitsSpi00 + pmSumTransmittedBitsSpi01 + pmSumTransmittedBitsSpi02 + pmSumTransmittedBitsSpi03 + pmSumTransmittedBitsSpi04 + pmSumTransmittedBitsSpi05 + pmSumTransmittedBitsSpi06 +	Sum	ecttbf, enlbh, Sum

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				pmSumTransmittedBitsSpi0 7 + pmSumTransmittedBitsSpi0 8 + pmSumTransmittedBitsSpi0 9 + pmSumTransmittedBitsSpi1 0 + pmSumTransmittedBitsSpi1 1 + pmSumTransmittedBitsSpi1 2 + pmSumTransmittedBitsSpi1 3 + pmSumTransmittedBitsSpi1 4 + pmSumTransmittedBitsSpi1 5	
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7.12.7 CDMA_Channel.Ericsson.UMTS.Inactive_Subframes

Empty subframes transmitted statistics

KPI	Type	Data Type	Description	Derivation	Default Aggregator	Other Aggregators
pmNoInactiveRequiredSubFramesSpi00	ACCUMULATION	INTEGER	The number of empty subframes transmitted even though data is scheduled for priority queue. Each counter observes a specific SPI. The different flows are configured ON/OFF using RBS	ME_NodeBFunction_HsDschResources.pmNoInactiveRequiredSubFramesSpi00	Sum	ecttbbh, enlbh, Sum

			MOM parameter IubDataStreams::schHsFlowControlOnOff.		
pmNoInactiveRequiredSubFramesSpi01	ACCUMULATION	INTEGER	The number of empty subframes transmitted even though data is scheduled for priority queue. Each counter observes a specific SPI. The different flows are configured ON/OFF using RBS MOM parameter IubDataStreams::schHsFlowControlOnOff.	ME_NodeBFunction_HsDschResources.pmNoInactiveRequiredSubFramesSpi01	Sum ecttbh, enlbh, Sum
pmNoInactiveRequiredSubFramesSpi02	ACCUMULATION	INTEGER	The number of empty subframes transmitted even though data is scheduled for priority queue. Each counter observes a	ME_NodeBFunction_HsDschResources.pmNoInactiveRequiredSubFramesSpi02	Sum ecttbh, enlbh, Sum

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			specific SPI. The different flows are configured ON/OFF using RBS MOM parameter IubDataStreams::schHsFlowControlOnOff.		
pmNoInactiveRequiredSubFramesSpi03	ACCUMULATION	INTEGER	The number of empty subframes transmitted even though data is scheduled for priority queue. Each counter observes a specific SPI. The different flows are configured ON/OFF using RBS MOM parameter IubDataStreams::schHsFlowControlOnOff.	ME_NodeBFunction_HsDschResources.pmNoInactiveRequiredSubFramesSpi03	Sum ecttbh , enblbh, Sum
pmNoInactiveRequiredSubFramesSpi04	ACCUMULATION	INTEGER	The number of empty subframes transmitted even though data is scheduled for priority queue. Each counter	ME_NodeBFunction_HsDschResources.pmNoInactiveRequiredSubFramesSpi04	Sum ecttbh , enblbh, Sum

			observes a specific SPI. The different flows are configured ON/OFF using RBS MOM parameter IubDataStreams::schHsFlowControlOnOff.		
pmNoInactiveRequiredSubFramesSpi05	ACCUMULATION	INTEGER	The number of empty subframes transmitted even though data is scheduled for priority queue. Each counter observes a specific SPI. The different flows are configured ON/OFF using RBS MOM parameter IubDataStreams::schHsFlowControlOnOff.	ME_NodeBFunction_HsDschResources.pmNoInactiveRequiredSubFramesSpi05	Sum ecttbh , enblbh, Sum
pmNoInactiveRequiredSubFramesSpi06	ACCUMULATION	INTEGER	The number of empty subframes transmitted	ME_NodeBFunction_HsDschResources.pmNoInactiveRequiredSubFramesSpi06	Sum ecttbh , enblbh,

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			even though data is scheduled for priority queue. Each counter observes a specific SPI. The different flows are configured ON/OFF using RBS MOM parameter IubDataStreams::schHsFlowControlOnOff.			Sum
pmNoInactiveRequiredSubFramesSpi07	ACCUMULATION	INTEGER	The number of empty subframes transmitted even though data is scheduled for priority queue. Each counter observes a specific SPI. The different flows are configured ON/OFF using RBS MOM parameter IubDataStreams::schHsFlowControlOnOff.	ME_NodeBFunction_HsDschResources.pmNoInactiveRequiredSubFramesSpi07	Sum	ecttbh , enblbh, Sum
pmNoInactiveRequiredSubFramesSpi08	ACCUMULATION	INTEGER	The number of empty subframes	ME_NodeBFunction_HsDschResources.pmNoInactiveRequiredSubFramesSpi08	Sum	ecttbh , enblbh

			transmitted even though data is scheduled for priority queue. Each counter observes a specific SPI. The different flows are configured ON/OFF using RBS MOM parameter IubDataStreams::schHsFlowControlOnOff.			h, Sum
pmNoInactiveRequiredSubFramesSpi09	ACCUMULATION	INTEGER	The number of empty subframes transmitted even though data is scheduled for priority queue. Each counter observes a specific SPI. The different flows are configured ON/OFF using RBS MOM parameter IubDataStreams::schHsFlowControlOnOff.	ME_NodeBFunction_HsDschResources.pmNoInactiveRequiredSubFramesSpi09	Sum	ecttbh, enlbh, Sum

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			ms::schHsFlowControlOnOff.		
pmNoInactiveRequiredSubFramesSpi10	ACCUMULATION	INTEGER	The number of empty subframes transmitted even though data is scheduled for priority queue. Each counter observes a specific SPI. The different flows are configured ON/OFF using RBS MOM parameter IubDataStreams::schHsFlowControlOnOff.	ME_NodeBFunction_HsDschResources.pmNoInactiveRequiredSubFramesSpi10	Sum ecttbh , enlbh, Sum
pmNoInactiveRequiredSubFramesSpi11	ACCUMULATION	INTEGER	The number of empty subframes transmitted even though data is scheduled for priority queue. Each counter observes a specific SPI. The different flows are configured ON/OFF using RBS MOM parameter	ME_NodeBFunction_HsDschResources.pmNoInactiveRequiredSubFramesSpi11	Sum ecttbh , enlbh, Sum

			IubDataStreams::schHsFlowControlOnOff.			
pmNoInactiveRequiredSubFramesSpi12	ACCUMULATION	INTEGER	The number of empty subframes transmitted even though data is scheduled for priority queue. Each counter observes a specific SPI. The different flows are configured ON/OFF using RBS MOM parameter IubDataStreams::schHsFlowControlOnOff.	ME_NodeBFunction_HsDschResources.pmNoInactiveRequiredSubFramesSpi12	Sum	ecttbh, enlbh, Sum
pmNoInactiveRequiredSubFramesSpi13	ACCUMULATION	INTEGER	The number of empty subframes transmitted even though data is scheduled for priority queue. Each counter observes a specific SPI. The different	ME_NodeBFunction_HsDschResources.pmNoInactiveRequiredSubFramesSpi13	Sum	ecttbh, enlbh, Sum

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			flows are configured ON/OFF using RBS MOM parameter IubDataStreams::schHsFlowControlOnOff.		
pmNoInactiveRequiredSubFramesSpi14	ACCUMULATION	INTEGER	The number of empty subframes transmitted even though data is scheduled for priority queue. Each counter observes a specific SPI. The different flows are configured ON/OFF using RBS MOM parameter IubDataStreams::schHsFlowControlOnOff.	ME_NodeBFunction_HsDschResources.pmNoInactiveRequiredSubFramesSpi14	Sum ecttbh, enlbh, Sum
pmNoInactiveRequiredSubFramesSpi15	ACCUMULATION	INTEGER	The number of empty subframes transmitted even though data is scheduled for priority queue. Each counter observes a specific SPI.	ME_NodeBFunction_HsDschResources.pmNoInactiveRequiredSubFramesSpi15	Sum ecttbh, enlbh, Sum

			The different flows are configured ON/OFF using RBS MOM parameter IubDataStreams::schHsFlowControlOnOff.			
Tot_pmNoInactiveRequiredSubFramesSpi	ACCUMULATION	INT 8	The total number of empty subframes transmitted even though data is scheduled for priority queue.	ME_NodeBFunction_HsDschResources.pmNoInactiveRequiredSubFramesSpi00 + pmNoInactiveRequiredSubFramesSpi01 + pmNoInactiveRequiredSubFramesSpi02 + pmNoInactiveRequiredSubFramesSpi03 + pmNoInactiveRequiredSubFramesSpi04 + pmNoInactiveRequiredSubFramesSpi05 + pmNoInactiveRequiredSubFramesSpi06 + pmNoInactiveRequiredSubFramesSpi07 + pmNoInactiveRequiredSubFramesSpi08 + pmNoInactiveRequiredSubFramesSpi09 + pmNoInactiveRequiredSubFramesSpi10 + pmNoInactiveRequiredSubFramesSpi11 + pmNoInactiveRequiredSubFramesSpi12 + pmNoInactiveRequiredSubFramesSpi13 +	Sum	ecttbh, enlbh, Sum

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				pmNoInactiveRequiredSubFramesSpi14 + pmNoInactiveRequiredSubFramesSpi15		
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7.12.8 CDMA_Channel.Ericsson.UMTS.Modulation

Signal modulation statistics

KPI	Type	Data Type	Description	Derivation	Default Aggregator	Other Aggregators
pmAck16Qam_Avg	INTENSITY	FLOAT	Average transport block size with 16 Quadrature Amplitude Modulation (QAM). The number of successful Hybrid Automatic Repetition Request (HARQ) transmissions are counted on the Media Access Control high-speed (MAC-hs) layer.	ME_NodeBFunction_HsDsChResources.pmAck16Qam_Avg	Average	Average, ecttbh, enblbh, Maximum, Minimum, Sum
pmAck16Qam_Max	INTENSITY	FLOAT	Maximum transport block size with 16 Quadrature Amplitude Modulation (QAM). The number of successful	ME_NodeBFunction_HsDsChResources.pmAck16Qam_Max	Constant	Average, ecttbh, enblbh, Maximum, Minimum, Sum

			Hybrid Automatic Repetition Request (HARQ) transmissions are counted on the Media Access Control high-speed (MAC-hs) layer.			
pmAck16Qam_Min	INTENSITY	FLOAT	Minimum transport block size with 16 Quadrature Amplitude Modulation (QAM). The number of successful Hybrid Automatic Repetition Request (HARQ) transmissions are counted on the Media Access Control high-speed (MAC-hs) layer.	ME_NodeBFunction_HsDsChResources.pmAck16Qam_Min	Minimum	Average, ecttbh, enblbh, Maximum, Minimum, Sum
pmAckQpsk_Avg	INTENSITY	FLOAT	Average transport block size with Quadrature Phase Shift	ME_NodeBFunction_HsDsChResources.pmAckQpsk_Avg	Average	Average, ecttbh, enblbh, Maximum, Minimum

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			Keying (QPSK). The number of successful HARQ transmissions are counted on the MAC-hs layer.			m, Sum
pmAckQpsk_Max	INTENSITY	FLOAT	Maximum transport block size with Quadrature Phase Shift Keying (QPSK). The number of successful HARQ transmissions are counted on the MAC-hs layer.	ME_NodeBFunction_HsDschResources.pmAckQpsk_Max	Constant	Average, ecttbh, enblbh, Maximum, Minimum, Sum
pmAckQpsk_Min	INTENSITY	FLOAT	Minimum transport block size with Quadrature Phase Shift Keying (QPSK). The number of successful HARQ transmissions are counted on the MAC-hs layer.	ME_NodeBFunction_HsDschResources.pmAckQpsk_Min	Minimum	Average, ecttbh, enblbh, Maximum, Minimum, Sum
pmUsedTbs16Qam_Avg	INTENSITY	FLOAT	Average used transport block size with 16QAM. A	ME_NodeBFunction_HsDschResources.pmUsedTbs16Qam_Avg	Average	Average, ecttbh, enblbh, Maximum,

			transport block is a HARQ data block MAC-hs) Power Distribution Unit (PDU). The number of HARQ transmissions and retransmissions on the MAC-hs layer are counted.			Minimum, Sum
pmUsedTbs16Qam_Max	INTENSITY	FLOAT	Maximum used transport block size with 16QAM. A transport block is a HARQ data block MAC-hs) Power Distribution Unit (PDU). The number of HARQ transmissions and retransmissions on the MAC-hs layer are counted.	ME_NodeBFunction_HsDschResources.pmUsedTbs16Qam_Max	Constant	Average, ecttbh, enblbh, Maximum, Minimum, Sum
pmUsedTbs16Qam_Min	INTENSITY	FLOAT	Minimum used	ME_NodeBFunction_HsDschResources.pmUsedTbs16	Minimum	Average, ecttbh,

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			transport block size with 16QAM. A transport block is a HARQ data block MAC-hs) Power Distribution Unit (PDU). The number of HARQ transmissions and retransmissions on the MAC-hs layer are counted.	Qam_Min		enblbh, Maximum, Minimum, Sum
pmUsedTbsQps_k_Avg	INTENSITY	FLOAT	Average used transport block size with QPSK. A transport block is a HARQ data block (MAC-hs PDU). The number of HARQ transmissions and retransmissions on the MAC-hs layer are counted.	ME_NodeBFunction_HsDschResources.pmUsedTbsQpsk_Avg	Average	Average, ecttbh, enblbh, Maximum, Minimum, Sum
pmUsedTbsQps_k_Max	INTENSITY	FLOAT	Maximum used transport block size with QPSK. A transport block is a	ME_NodeBFunction_HsDschResources.pmUsedTbsQpsk_Max	Constant	Average, ecttbh, enblbh, Maximum, Minimum, Sum

			HARQ data block (MAC-hs PDU). The number of HARQ transmissions and retransmissions on the MAC-hs layer are counted.			
pmUsedTbsQps_k_Min	INTENSITY	FLOAT	Minimum used transport block size with QPSK. A transport block is a HARQ data block (MAC-hs PDU). The number of HARQ transmissions and retransmissions on the MAC-hs layer are counted.	ME_NodeBFunction_HsDschResources.pmUsedTbsQpsk_Min	Minimum	Average, ecttbh, enblbh, Maximum, Minimum, Sum

7.12.9 CDMA_Channel.Ericsson.UMTS.PDF_pmAck16Qam

pmAck16Qam PDF counters

KPI	Type	Data Type	Description	Derivation	Default Aggregator	Other Aggregators
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pmAck16Qam_0	ACCUMULATION	INTEGER	Number of received ACKs for a specified transport block size (TBS) with 16QAM. The number of successful HARQ transmissions are counted on the MAC-hs layer.	ME_NodeBFunction_Hs DschResources.pmAck16Qam_0	Sum	
pmAck16Qam_10	ACCUMULATION	INTEGER	Number of received ACKs for a specified transport block size (TBS) with 16QAM. The number of successful HARQ transmissions are counted on the MAC-hs layer.	ME_NodeBFunction_Hs DschResources.pmAck16Qam_10	Sum	
pmAck16Qam_11	ACCUMULATION	INTEGER	Number of received ACKs for a specified transport block size (TBS) with 16QAM. The number of successful	ME_NodeBFunction_Hs DschResources.pmAck16Qam_11	Sum	

			HARQ transmissions are counted on the MAC-hs layer.			
pmAck16Qam_12	ACCUMULATION	INTEGER	Number of received ACKs for a specified transport block size (TBS) with 16QAM. The number of successful HARQ transmissions are counted on the MAC-hs layer.	ME_NodeBFunction_HsDschResources.pmAck16Qam_12	Sum	
pmAck16Qam_13	ACCUMULATION	INTEGER	Number of received ACKs for a specified transport block size (TBS) with 16QAM. The number of successful HARQ transmissions are counted on the MAC-hs layer.	ME_NodeBFunction_HsDschResources.pmAck16Qam_13	Sum	

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pmAck16Qam_14	ACCUMULATION	INTEGER	Number of received ACKs for a specified transport block size (TBS) with 16QAM. The number of successful HARQ transmissions are counted on the MAC-hs layer.	ME_NodeBFunction_Hs DschResources.pmAck16Qam_14	Sum	
pmAck16Qam_15	ACCUMULATION	INTEGER	Number of received ACKs for a specified transport block size (TBS) with 16QAM. The number of successful HARQ transmissions are counted on the MAC-hs layer.	ME_NodeBFunction_Hs DschResources.pmAck16Qam_15	Sum	
pmAck16Qam_16	ACCUMULATION	INTEGER	Number of received ACKs for a specified transport block size (TBS) with 16QAM. The number of successful	ME_NodeBFunction_Hs DschResources.pmAck16Qam_16	Sum	

			HARQ transmissions are counted on the MAC-hs layer.			
pmAck16Qam_17	ACCUMULATION	INTEGER	Number of received ACKs for a specified transport block size (TBS) with 16QAM. The number of successful HARQ transmissions are counted on the MAC-hs layer.	ME_NodeBFunction_HsDschResources.pmAck16Qam_17	Sum	
pmAck16Qam_18	ACCUMULATION	INTEGER	Number of received ACKs for a specified transport block size (TBS) with 16QAM. The number of successful HARQ transmissions are counted on the MAC-hs layer.	ME_NodeBFunction_HsDschResources.pmAck16Qam_18	Sum	

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pmAck16Qam_19	ACCUMULATION	INTEGER	Number of received ACKs for a specified transport block size (TBS) with 16QAM. The number of successful HARQ transmissions are counted on the MAC-hs layer.	ME_NodeBFunction_Hs DschResources.pmAck16Qam_19	Sum	
pmAck16Qam_1	ACCUMULATION	INTEGER	Number of received ACKs for a specified transport block size (TBS) with 16QAM. The number of successful HARQ transmissions are counted on the MAC-hs layer.	ME_NodeBFunction_Hs DschResources.pmAck16Qam_1	Sum	
pmAck16Qam_20	ACCUMULATION	INTEGER	Number of received ACKs for a specified transport block size (TBS) with 16QAM. The number of successful	ME_NodeBFunction_Hs DschResources.pmAck16Qam_20	Sum	

			HARQ transmissions are counted on the MAC-hs layer.			
pmAck16Qam_21	ACCUMULATION	INTEGER	Number of received ACKs for a specified transport block size (TBS) with 16QAM. The number of successful HARQ transmissions are counted on the MAC-hs layer.	ME_NodeBFunction_HsDschResources.pmAck16Qam_21	Sum	
pmAck16Qam_22	ACCUMULATION	INTEGER	Number of received ACKs for a specified transport block size (TBS) with 16QAM. The number of successful HARQ transmissions are counted on the MAC-hs layer.	ME_NodeBFunction_HsDschResources.pmAck16Qam_22	Sum	

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pmAck16Qam_23	ACCUMULATION	INTEGER	Number of received ACKs for a specified transport block size (TBS) with 16QAM. The number of successful HARQ transmissions are counted on the MAC-hs layer.	ME_NodeBFunction_Hs DschResources.pmAck16Qam_23	Sum	
pmAck16Qam_24	ACCUMULATION	INTEGER	Number of received ACKs for a specified transport block size (TBS) with 16QAM. The number of successful HARQ transmissions are counted on the MAC-hs layer.	ME_NodeBFunction_Hs DschResources.pmAck16Qam_24	Sum	
pmAck16Qam_25	ACCUMULATION	INTEGER	Number of received ACKs for a specified transport block size (TBS) with 16QAM. The number of successful	ME_NodeBFunction_Hs DschResources.pmAck16Qam_25	Sum	

			HARQ transmissions are counted on the MAC-hs layer.			
pmAck16Qam_26	ACCUMULATION	INTEGER	Number of received ACKs for a specified transport block size (TBS) with 16QAM. The number of successful HARQ transmissions are counted on the MAC-hs layer.	ME_NodeBFunction_Hs DschResources.pmAck16Qam_26	Sum	
pmAck16Qam_27	ACCUMULATION	INTEGER	Number of received ACKs for a specified transport block size (TBS) with 16QAM. The number of successful HARQ transmissions are counted on the MAC-hs layer.	ME_NodeBFunction_Hs DschResources.pmAck16Qam_27	Sum	

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pmAck16Qam_28	ACCUMULATION	INTEGER	Number of received ACKs for a specified transport block size (TBS) with 16QAM. The number of successful HARQ transmissions are counted on the MAC-hs layer.	ME_NodeBFunction_Hs DschResources.pmAck16Qam_28	Sum	
pmAck16Qam_29	ACCUMULATION	INTEGER	Number of received ACKs for a specified transport block size (TBS) with 16QAM. The number of successful HARQ transmissions are counted on the MAC-hs layer.	ME_NodeBFunction_Hs DschResources.pmAck16Qam_29	Sum	
pmAck16Qam_2	ACCUMULATION	INTEGER	Number of received ACKs for a specified transport block size (TBS) with 16QAM. The number of successful	ME_NodeBFunction_Hs DschResources.pmAck16Qam_2	Sum	

			HARQ transmissions are counted on the MAC-hs layer.			
pmAck16Qam_3	ACCUMULATION	INTEGER	Number of received ACKs for a specified transport block size (TBS) with 16QAM. The number of successful HARQ transmissions are counted on the MAC-hs layer.	ME_NodeBFunction_Hs DschResources.pmAck16Qam_3	Sum	
pmAck16Qam_4	ACCUMULATION	INTEGER	Number of received ACKs for a specified transport block size (TBS) with 16QAM. The number of successful HARQ transmissions are counted on the MAC-hs layer.	ME_NodeBFunction_Hs DschResources.pmAck16Qam_4	Sum	

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pmAck16Qam_5	ACCUMULATION	INTEGER	Number of received ACKs for a specified transport block size (TBS) with 16QAM. The number of successful HARQ transmissions are counted on the MAC-hs layer.	ME_NodeBFunction_Hs DschResources.pmAck16Qam_5	Sum	
pmAck16Qam_6	ACCUMULATION	INTEGER	Number of received ACKs for a specified transport block size (TBS) with 16QAM. The number of successful HARQ transmissions are counted on the MAC-hs layer.	ME_NodeBFunction_Hs DschResources.pmAck16Qam_6	Sum	
pmAck16Qam_7	ACCUMULATION	INTEGER	Number of received ACKs for a specified transport block size (TBS) with 16QAM. The number of successful	ME_NodeBFunction_Hs DschResources.pmAck16Qam_7	Sum	

			HARQ transmissions are counted on the MAC-hs layer.		
pmAck16Qam_8	ACCUMULATION	INTEGER	Number of received ACKs for a specified transport block size (TBS) with 16QAM. The number of successful HARQ transmissions are counted on the MAC-hs layer.	ME_NodeBFunction_Hs DschResources.pmAck16Qam_8	Sum
pmAck16Qam_9	ACCUMULATION	INTEGER	Number of received ACKs for a specified transport block size (TBS) with 16QAM. The number of successful HARQ transmissions are counted on the MAC-hs layer.	ME_NodeBFunction_Hs DschResources.pmAck16Qam_9	Sum

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7.12.10CDMA_Channel.Ericsson.UMTS.PDF_pmAck64Qam

pmAck64Qam PDF counters

KPI	Type	Data Type	Description	Derivation	Default Aggregator	Other Aggregators
pmAck64Qam_0	ACCUMULATION	INTEGER	Counting the number of received ACKs for a specified transport block size (TBS) with 64QAM. The number of successful HARQ transmissions are counted of the MAC-hs layer.	ME_NodeBFunction_Hs DschResources.pmAck64Qam_0	Sum	
pmAck64Qam_10	ACCUMULATION	INTEGER	Counting the number of received ACKs for a specified transport block size (TBS) with 64QAM. The number of successful HARQ transmissions are counted of the MAC-hs layer.	ME_NodeBFunction_Hs DschResources.pmAck64Qam_10	Sum	
pmAck64Qam_11	ACCUMULATION	INTEGER	Counting the number	ME_NodeBFunction_Hs DschResources.pmAck6	Sum	

			of received ACKs for a specified transport block size (TBS) with 64QAM. The number of successful HARQ transmissions are counted of the MAC-hs layer.	4Qam_11		
pmAck64Qam_12	ACCUMULATION	INTEGER	Counting the number of received ACKs for a specified transport block size (TBS) with 64QAM. The number of successful HARQ transmissions are counted of the MAC-hs layer.	ME_NodeBFunction_Hs DschResources.pmAck64Qam_12	Sum	
pmAck64Qam_13	ACCUMULATION	INTEGER	Counting the number of received ACKs for a specified transport block size (TBS) with	ME_NodeBFunction_Hs DschResources.pmAck64Qam_13	Sum	

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			64QAM. The number of successful HARQ transmissions are counted of the MAC-hs layer.			
pmAck64Qam_14	ACCUMULATION	INTEGER	Counting the number of received ACKs for a specified transport block size (TBS) with 64QAM. The number of successful HARQ transmissions are counted of the MAC-hs layer.	ME_NodeBFunction_Hs DschResources.pmAck64Qam_14	Sum	
pmAck64Qam_15	ACCUMULATION	INTEGER	Counting the number of received ACKs for a specified transport block size (TBS) with 64QAM. The number of successful HARQ transmissions are counted of the MAC-hs layer.	ME_NodeBFunction_Hs DschResources.pmAck64Qam_15	Sum	
pmAck64Qa	ACCUMULATION	INTEG	Counting	ME_NodeBFunction_Hs	Sum	

m_16	TION	ER	the number of received ACKs for a specified transport block size (TBS) with 64QAM. The number of successful HARQ transmissions are counted of the MAC-hs layer.	DschResources.pmAck64Qam_16		
pmAck64Qam_17	ACCUMULATION	INTEGER	Counting the number of received ACKs for a specified transport block size (TBS) with 64QAM. The number of successful HARQ transmissions are counted of the MAC-hs layer.	ME_NodeBFunction_HsDschResources.pmAck64Qam_17	Sum	
pmAck64Qam_18	ACCUMULATION	INTEGER	Counting the number of received ACKs for a specified transport block size	ME_NodeBFunction_HsDschResources.pmAck64Qam_18	Sum	

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			(TBS) with 64QAM. The number of successful HARQ transmissions are counted of the MAC-hs layer.		
pmAck64Qam_19	ACCUMULATION	INTEGER	Counting the number of received ACKs for a specified transport block size (TBS) with 64QAM. The number of successful HARQ transmissions are counted of the MAC-hs layer.	ME_NodeBFunction_Hs DschResources.pmAck64Qam_19	Sum
pmAck64Qam_1	ACCUMULATION	INTEGER	Counting the number of received ACKs for a specified transport block size (TBS) with 64QAM. The number of successful HARQ transmissions are counted of the MAC-hs layer.	ME_NodeBFunction_Hs DschResources.pmAck64Qam_1	Sum

pmAck64Qam_20	ACCUMULATION	INTEGER	Counting the number of received ACKs for a specified transport block size (TBS) with 64QAM. The number of successful HARQ transmissions are counted of the MAC-hs layer.	ME_NodeBFunction_Hs DschResources.pmAck64Qam_20	Sum	
pmAck64Qam_21	ACCUMULATION	INTEGER	Counting the number of received ACKs for a specified transport block size (TBS) with 64QAM. The number of successful HARQ transmissions are counted of the MAC-hs layer.	ME_NodeBFunction_Hs DschResources.pmAck64Qam_21	Sum	
pmAck64Qam_22	ACCUMULATION	INTEGER	Counting the number of received ACKs for a specified transport	ME_NodeBFunction_Hs DschResources.pmAck64Qam_22	Sum	

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			block size (TBS) with 64QAM. The number of successful HARQ transmissions are counted of the MAC-hs layer.		
pmAck64Qam_23	ACCUMULATION	INTEGER	Counting the number of received ACKs for a specified transport block size (TBS) with 64QAM. The number of successful HARQ transmissions are counted of the MAC-hs layer.	ME_NodeBFunction_Hs DschResources.pmAck64Qam_23	Sum
pmAck64Qam_24	ACCUMULATION	INTEGER	Counting the number of received ACKs for a specified transport block size (TBS) with 64QAM. The number of successful HARQ transmissions are counted of the MAC-hs layer.	ME_NodeBFunction_Hs DschResources.pmAck64Qam_24	Sum

pmAck64Qam_25	ACCUMULATION	INTEGER	Counting the number of received ACKs for a specified transport block size (TBS) with 64QAM. The number of successful HARQ transmissions are counted of the MAC-hs layer.	ME_NodeBFunction_Hs DschResources.pmAck64Qam_25	Sum	
pmAck64Qam_26	ACCUMULATION	INTEGER	Counting the number of received ACKs for a specified transport block size (TBS) with 64QAM. The number of successful HARQ transmissions are counted of the MAC-hs layer.	ME_NodeBFunction_Hs DschResources.pmAck64Qam_26	Sum	
pmAck64Qam_27	ACCUMULATION	INTEGER	Counting the number of received ACKs for a specified transport	ME_NodeBFunction_Hs DschResources.pmAck64Qam_27	Sum	

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			block size (TBS) with 64QAM. The number of successful HARQ transmissions are counted of the MAC-hs layer.		
pmAck64Qam_28	ACCUMULATION	INTEGER	Counting the number of received ACKs for a specified transport block size (TBS) with 64QAM. The number of successful HARQ transmissions are counted of the MAC-hs layer.	ME_NodeBFunction_Hs DschResources.pmAck64Qam_28	Sum
pmAck64Qam_29	ACCUMULATION	INTEGER	Counting the number of received ACKs for a specified transport block size (TBS) with 64QAM. The number of successful HARQ transmissions are counted of the MAC-hs layer.	ME_NodeBFunction_Hs DschResources.pmAck64Qam_29	Sum

pmAck64Qam_2	ACCUMULATION	INTEGER	Counting the number of received ACKs for a specified transport block size (TBS) with 64QAM. The number of successful HARQ transmissions are counted of the MAC-hs layer.	ME_NodeBFunction_Hs DschResources.pmAck64Qam_2	Sum	
pmAck64Qam_3	ACCUMULATION	INTEGER	Counting the number of received ACKs for a specified transport block size (TBS) with 64QAM. The number of successful HARQ transmissions are counted of the MAC-hs layer.	ME_NodeBFunction_Hs DschResources.pmAck64Qam_3	Sum	
pmAck64Qam_4	ACCUMULATION	INTEGER	Counting the number of received ACKs for a specified transport	ME_NodeBFunction_Hs DschResources.pmAck64Qam_4	Sum	

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			block size (TBS) with 64QAM. The number of successful HARQ transmissions are counted of the MAC-hs layer.		
pmAck64Qam_5	ACCUMULATION	INTEGER	Counting the number of received ACKs for a specified transport block size (TBS) with 64QAM. The number of successful HARQ transmissions are counted of the MAC-hs layer.	ME_NodeBFunction_Hs DschResources.pmAck64Qam_5	Sum
pmAck64Qam_6	ACCUMULATION	INTEGER	Counting the number of received ACKs for a specified transport block size (TBS) with 64QAM. The number of successful HARQ transmissions are counted of the MAC-hs layer.	ME_NodeBFunction_Hs DschResources.pmAck64Qam_6	Sum

pmAck64Qam_7	ACCUMULATION	INTEGER	Counting the number of received ACKs for a specified transport block size (TBS) with 64QAM. The number of successful HARQ transmissions are counted of the MAC-hs layer.	ME_NodeBFunction_Hs DschResources.pmAck64Qam_7	Sum	
pmAck64Qam_8	ACCUMULATION	INTEGER	Counting the number of received ACKs for a specified transport block size (TBS) with 64QAM. The number of successful HARQ transmissions are counted of the MAC-hs layer.	ME_NodeBFunction_Hs DschResources.pmAck64Qam_8	Sum	
pmAck64Qam_9	ACCUMULATION	INTEGER	Counting the number of received ACKs for a specified transport	ME_NodeBFunction_Hs DschResources.pmAck64Qam_9	Sum	

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			block size (TBS) with 64QAM. The number of successful HARQ transmissions are counted of the MAC-hs layer.			
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7.12.11 CDMA_Channel.Ericsson.UMTS.PDF_pmAckQpsk

pmAckQpsk PDF counters

KPI	Type	Data Type	Description	Derivation	Default Aggregator	Other Aggregators
pmAckQpsk_0	ACCUMULATION	INTEGER	Number of received ACKs for a specified transport block size (TBS) with QPSK. The number of successful HARQ transmissions are counted on the MAC-hs layer.	ME_NodeBFunction_Hs DschResources.pmAckQpsk_0	Sum	
pmAckQpsk_10	ACCUMULATION	INTEGER	Number of received ACKs for a specified transport block size (TBS) with QPSK. The number of successful	ME_NodeBFunction_Hs DschResources.pmAckQpsk_10	Sum	

			HARQ transmissions are counted on the MAC-hs layer.			
pmAckQpsk_11	ACCUMULATION	INTEGER	Number of received ACKs for a specified transport block size (TBS) with QPSK. The number of successful HARQ transmissions are counted on the MAC-hs layer.	ME_NodeBFunction_Hs DschResources.pmAckQpsk_11	Sum	
pmAckQpsk_12	ACCUMULATION	INTEGER	Number of received ACKs for a specified transport block size (TBS) with QPSK. The number of successful HARQ transmissions are counted on the MAC-hs layer.	ME_NodeBFunction_Hs DschResources.pmAckQpsk_12	Sum	
pmAckQpsk_13	ACCUMULATION	INTEGER	Number of received ACKs for a specified	ME_NodeBFunction_Hs DschResources.pmAckQpsk_13	Sum	

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			transport block size (TBS) with QPSK. The number of successful HARQ transmissions are counted on the MAC-hs layer.			
pmAckQpsk_14	ACCUMULATION	INTEGER	Number of received ACKs for a specified transport block size (TBS) with QPSK. The number of successful HARQ transmissions are counted on the MAC-hs layer.	ME_NodeBFunction_Hs DschResources.pmAckQpsk_14	Sum	
pmAckQpsk_15	ACCUMULATION	INTEGER	Number of received ACKs for a specified transport block size (TBS) with QPSK. The number of successful HARQ transmissions are counted on the MAC-hs layer.	ME_NodeBFunction_Hs DschResources.pmAckQpsk_15	Sum	
pmAckQpsk_16	ACCUMULATION	INTEGER	Number of received ACKs for a	ME_NodeBFunction_Hs DschResources.pmAckQpsk_16	Sum	

			specified transport block size (TBS) with QPSK. The number of successful HARQ transmissions are counted on the MAC-hs layer.			
pmAckQpsk_17	ACCUMULATION	INTEGER	Number of received ACKs for a specified transport block size (TBS) with QPSK. The number of successful HARQ transmissions are counted on the MAC-hs layer.	ME_NodeBFunction_HsDschResources.pmAckQpsk_17	Sum	
pmAckQpsk_18	ACCUMULATION	INTEGER	Number of received ACKs for a specified transport block size (TBS) with QPSK. The number of successful HARQ transmissions are counted	ME_NodeBFunction_HsDschResources.pmAckQpsk_18	Sum	

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			on the MAC-hs layer.			
pmAckQpsk_19	ACCUMULATION	INTEGER	Number of received ACKs for a specified transport block size (TBS) with QPSK. The number of successful HARQ transmissions are counted on the MAC-hs layer.	ME_NodeBFunction_Hs DschResources.pmAckQpsk_19	Sum	
pmAckQpsk_1	ACCUMULATION	INTEGER	Number of received ACKs for a specified transport block size (TBS) with QPSK. The number of successful HARQ transmissions are counted on the MAC-hs layer.	ME_NodeBFunction_Hs DschResources.pmAckQpsk_1	Sum	
pmAckQpsk_20	ACCUMULATION	INTEGER	Number of received ACKs for a specified transport block size (TBS) with QPSK. The number of successful HARQ transmissions	ME_NodeBFunction_Hs DschResources.pmAckQpsk_20	Sum	

			are counted on the MAC-hs layer.			
pmAckQpsk_21	ACCUMULATION	INTEGER	Number of received ACKs for a specified transport block size (TBS) with QPSK. The number of successful HARQ transmissions are counted on the MAC-hs layer.	ME_NodeBFunction_Hs DschResources.pmAckQpsk_21	Sum	
pmAckQpsk_22	ACCUMULATION	INTEGER	Number of received ACKs for a specified transport block size (TBS) with QPSK. The number of successful HARQ transmissions are counted on the MAC-hs layer.	ME_NodeBFunction_Hs DschResources.pmAckQpsk_22	Sum	
pmAckQpsk_23	ACCUMULATION	INTEGER	Number of received ACKs for a specified transport block size	ME_NodeBFunction_Hs DschResources.pmAckQpsk_23	Sum	

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			(TBS) with QPSK. The number of successful HARQ transmissions are counted on the MAC-hs layer.			
pmAckQpsk_24	ACCUMULATION	INTEGER	Number of received ACKs for a specified transport block size (TBS) with QPSK. The number of successful HARQ transmissions are counted on the MAC-hs layer.	ME_NodeBFunction_Hs DschResources.pmAckQpsk_24	Sum	
pmAckQpsk_25	ACCUMULATION	INTEGER	Number of received ACKs for a specified transport block size (TBS) with QPSK. The number of successful HARQ transmissions are counted on the MAC-hs layer.	ME_NodeBFunction_Hs DschResources.pmAckQpsk_25	Sum	
pmAckQpsk_26	ACCUMULATION	INTEGER	Number of received ACKs for a specified transport	ME_NodeBFunction_Hs DschResources.pmAckQpsk_26	Sum	

			block size (TBS) with QPSK. The number of successful HARQ transmissions are counted on the MAC-hs layer.		
pmAckQpsk_27	ACCUMULATION	INTEGER	Number of received ACKs for a specified transport block size (TBS) with QPSK. The number of successful HARQ transmissions are counted on the MAC-hs layer.	ME_NodeBFunction_Hs DschResources.pmAckQpsk_27	Sum
pmAckQpsk_28	ACCUMULATION	INTEGER	Number of received ACKs for a specified transport block size (TBS) with QPSK. The number of successful HARQ transmissions are counted on the MAC-hs layer.	ME_NodeBFunction_Hs DschResources.pmAckQpsk_28	Sum

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pmAckQpsk_29	ACCUMULATION	INTEGER	Number of received ACKs for a specified transport block size (TBS) with QPSK. The number of successful HARQ transmissions are counted on the MAC-hs layer.	ME_NodeBFunction_Hs DschResources.pmAckQpsk_29	Sum	
pmAckQpsk_2	ACCUMULATION	INTEGER	Number of received ACKs for a specified transport block size (TBS) with QPSK. The number of successful HARQ transmissions are counted on the MAC-hs layer.	ME_NodeBFunction_Hs DschResources.pmAckQpsk_2	Sum	
pmAckQpsk_3	ACCUMULATION	INTEGER	Number of received ACKs for a specified transport block size (TBS) with QPSK. The number of successful HARQ transmissions are counted on the MAC-hs layer.	ME_NodeBFunction_Hs DschResources.pmAckQpsk_3	Sum	

pmAckQpsk_4	ACCUMULATION	INTEGER	Number of received ACKs for a specified transport block size (TBS) with QPSK. The number of successful HARQ transmissions are counted on the MAC-hs layer.	ME_NodeBFunction_Hs DschResources.pmAckQpsk_4	Sum	
pmAckQpsk_5	ACCUMULATION	INTEGER	Number of received ACKs for a specified transport block size (TBS) with QPSK. The number of successful HARQ transmissions are counted on the MAC-hs layer.	ME_NodeBFunction_Hs DschResources.pmAckQpsk_5	Sum	
pmAckQpsk_6	ACCUMULATION	INTEGER	Number of received ACKs for a specified transport block size (TBS) with QPSK. The number of successful	ME_NodeBFunction_Hs DschResources.pmAckQpsk_6	Sum	

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			HARQ transmissions are counted on the MAC-hs layer.			
pmAckQpsk_7	ACCUMULATION	INTEGER	Number of received ACKs for a specified transport block size (TBS) with QPSK. The number of successful HARQ transmissions are counted on the MAC-hs layer.	ME_NodeBFunction_Hs DschResources.pmAckQpsk_7	Sum	
pmAckQpsk_8	ACCUMULATION	INTEGER	Number of received ACKs for a specified transport block size (TBS) with QPSK. The number of successful HARQ transmissions are counted on the MAC-hs layer.	ME_NodeBFunction_Hs DschResources.pmAckQpsk_8	Sum	
pmAckQpsk_9	ACCUMULATION	INTEGER	Number of received ACKs for a specified transport block size (TBS) with QPSK. The number of	ME_NodeBFunction_Hs DschResources.pmAckQpsk_9	Sum	

			successful HARQ transmissions are counted on the MAC-hs layer.		
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7.12.12CDMA_Channel.Ericsson.UMTS.PDF_pmAverageUserRate

pmAverageUserRate PDF counters

KPI	Type	Data Type	Description	Derivation	Default Aggregator	Other Aggregators
pmAverageUserRate_0	ACCUMULATION	INTEGER	The distribution of the average user rate among all users allocated to high-speed DSCH in the cell.	ME_NodeBFunction_HsDschResources.pmAverageUserRate_0	Sum	
pmAverageUserRate_10	ACCUMULATION	INTEGER	The distribution of the average user rate among all users allocated to	ME_NodeBFunction_HsDschResources.pmAverageUserRate_10	Sum	

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			high-speed DSCH in the cell.			
pmAverageUserRate_11	ACCUMULATION	INTEGER	The distribution of the average user rate among all users allocated to high-speed DSCH in the cell.	ME_NodeBFunction_HsDsc hResources.pmAverageUserRate_11	Sum	
pmAverageUserRate_12	ACCUMULATION	INTEGER	The distribution of the average user rate among all users allocated to high-speed DSCH in the cell.	ME_NodeBFunction_HsDsc hResources.pmAverageUserRate_12	Sum	
pmAverageUserRate_13	ACCUMULATION	INTEGER	The distribution of the average user rate among all users allocated	ME_NodeBFunction_HsDsc hResources.pmAverageUserRate_13	Sum	

			d to high-speed DSCH in the cell.			
pmAverageUserRate_14	ACCUMULATION	INTEGER	The distribution of the average user rate among all users allocated to high-speed DSCH in the cell.	ME_NodeBFunction_HsDsc hResources.pmAverageUserRate_14	Sum	
pmAverageUserRate_15	ACCUMULATION	INTEGER	The distribution of the average user rate among all users allocated to high-speed DSCH in the cell.	ME_NodeBFunction_HsDsc hResources.pmAverageUserRate_15	Sum	
pmAverageUserRate_16	ACCUMULATION	INTEGER	The distribution of	ME_NodeBFunction_HsDsc hResources.pmAverageUserRate_16	Sum	

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			the average user rate among all users allocated to high-speed DSCH in the cell.			
pmAverageUserRate_17	ACCUMULATION	INTEGER	The distribution of the average user rate among all users allocated to high-speed DSCH in the cell.	ME_NodeBFunction_HsDscHResources.pmAverageUserRate_17	Sum	
pmAverageUserRate_18	ACCUMULATION	INTEGER	The distribution of the average user rate among all users allocated to high-speed DSCH in the cell.	ME_NodeBFunction_HsDscHResources.pmAverageUserRate_18	Sum	
pmAverageUserRate_19	ACCUMULATION	INTEGER	The distribut	ME_NodeBFunction_HsDscHResources.pmAverageUser	Sum	

			ion of the average user rate among all users allocated to high-speed DSCH in the cell.	Rate_19		
pmAverageUserRate_1	ACCUMULATION	INTEGER	The distribution of the average user rate among all users allocated to high-speed DSCH in the cell.	ME_NodeBFunction_HsDschResources.pmAverageUserRate_1	Sum	
pmAverageUserRate_20	ACCUMULATION	INTEGER	The distribution of the average user rate among all users allocated to high-speed	ME_NodeBFunction_HsDschResources.pmAverageUserRate_20	Sum	

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			DSCH in the cell.			
pmAverageUserRate_21	ACCUMULATION	INTEGER	The distribution of the average user rate among all users allocated to high-speed DSCH in the cell.	ME_NodeBFunction_HsDscHResources.pmAverageUserRate_21	Sum	
pmAverageUserRate_22	ACCUMULATION	INTEGER	The distribution of the average user rate among all users allocated to high-speed DSCH in the cell.	ME_NodeBFunction_HsDscHResources.pmAverageUserRate_22	Sum	
pmAverageUserRate_23	ACCUMULATION	INTEGER	The distribution of the average user rate among all users allocated to high-	ME_NodeBFunction_HsDscHResources.pmAverageUserRate_23	Sum	

			speed DSCH in the cell.			
pmAverageUserRate_2	ACCUMULATION	INTEGER	The distribution of the average user rate among all users allocated to high-speed DSCH in the cell.	ME_NodeBFunction_HsDsc hResources.pmAverageUserRate_2	Sum	
pmAverageUserRate_3	ACCUMULATION	INTEGER	The distribution of the average user rate among all users allocated to high-speed DSCH in the cell.	ME_NodeBFunction_HsDsc hResources.pmAverageUserRate_3	Sum	
pmAverageUserRate_4	ACCUMULATION	INTEGER	The distribution of the average	ME_NodeBFunction_HsDsc hResources.pmAverageUserRate_4	Sum	

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			user rate among all users allocated to high-speed DSCH in the cell.			
pmAverageUserRate_5	ACCUMULATION	INTEGER	The distribution of the average user rate among all users allocated to high-speed DSCH in the cell.	ME_NodeBFunction_HsDschResources.pmAverageUserRate_5	Sum	
pmAverageUserRate_6	ACCUMULATION	INTEGER	The distribution of the average user rate among all users allocated to high-speed DSCH in the cell.	ME_NodeBFunction_HsDschResources.pmAverageUserRate_6	Sum	
pmAverageUserRate_7	ACCUMULATION	INTEGER	The distribution of the	ME_NodeBFunction_HsDschResources.pmAverageUserRate_7	Sum	

			average user rate among all users allocated to high-speed DSCH in the cell.			
pmAverageUserRate_8	ACCUMULATION	INTEGER	The distribution of the average user rate among all users allocated to high-speed DSCH in the cell.	ME_NodeBFunction_HsDschResources.pmAverageUserRate_8	Sum	
pmAverageUserRate_9	ACCUMULATION	INTEGER	The distribution of the average user rate among all users allocated to high-speed DSCH in the	ME_NodeBFunction_HsDschResources.pmAverageUserRate_9	Sum	

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			cell.		
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7.12.13CDMA_Channel.Ericsson.UMTS.PDF_pmCapacityHsDschUsers

pmCapacityHsDschUsers PDF counters

KPI	Type	Data Type	Description	Derivation	Default Aggregator	Other Aggregators
pmCapacityHsDschUsers_0	ACCUMULATION	INTEGER	The distribution of the number of HS-DSCH users, as percentages of the corresponding license limit.	ME_NodeBFunction_HsDschResources.pmCapacityHsDschUsers_0	Sum	
pmCapacityHsDschUsers_10	ACCUMULATION	INTEGER	The distribution of the number of HS-DSCH users, as percentages of the corresponding license limit.	ME_NodeBFunction_HsDschResources.pmCapacityHsDschUsers_10	Sum	
pmCapacityHsDschUsers_11	ACCUMULATION	INTEGER	The distribution of the number of HS-DSCH	ME_NodeBFunction_HsDschResources.pmCapacityHsDschUsers_11	Sum	

			users, as percentages of the corresponding license limit.			
pmCapacityHsDschUsers_12	ACCUMULATION	INTEGER	The distribution of the number of HS-DSCH users, as percentages of the corresponding license limit.	ME_NodeBFunction_HsDschResources.pmCapacityHsDschUsers_12	Sum	
pmCapacityHsDschUsers_13	ACCUMULATION	INTEGER	The distribution of the number of HS-DSCH users, as percentages of the corresponding license limit.	ME_NodeBFunction_HsDschResources.pmCapacityHsDschUsers_13	Sum	
pmCapacityHsDschUsers_14	ACCUMULATION	INTEGER	The distribution of the	ME_NodeBFunction_HsDschResources.pmCapacityHsDschUsers_14	Sum	

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			number of HS-DSCH users, as percentages of the corresponding license limit.			
pmCapacityHsDschUsers_15	ACCUMULATION	INTEGER	The distribution of the number of HS-DSCH users, as percentages of the corresponding license limit.	ME_NodeBFunction_HsDschResources.pmCapacityHsDschUsers_15	Sum	
pmCapacityHsDschUsers_16	ACCUMULATION	INTEGER	The distribution of the number of HS-DSCH users, as percentages of the corresponding license limit.	ME_NodeBFunction_HsDschResources.pmCapacityHsDschUsers_16	Sum	
pmCapacityHsDschUsers_17	ACCUMULATION	INTEGER	The distribution of the number of HS-	ME_NodeBFunction_HsDschResources.pmCapacityHsDschUsers_17	Sum	

			DSCH users, as percentages of the corresponding license limit.			
pmCapacityHsDschUsers_18	ACCUMULATION	INTEGER	The distribution of the number of HS-DSCH users, as percentages of the corresponding license limit.	ME_NodeBFunction_HsDschResources.pmCapacityHsDschUsers_18	Sum	
pmCapacityHsDschUsers_19	ACCUMULATION	INTEGER	The distribution of the number of HS-DSCH users, as percentages of the corresponding license limit.	ME_NodeBFunction_HsDschResources.pmCapacityHsDschUsers_19	Sum	
pmCapacityHsDschUsers_1	ACCUMULATION	INTEGER	The distributi	ME_NodeBFunction_HsDschResources.pmCapacityHsDsc	Sum	

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			on of the number of HS-DSCH users, as percentages of the corresponding license limit.	hUsers_1		
pmCapacityHsDschUsers_20	ACCUMULATION	INTEGER	The distribution of the number of HS-DSCH users, as percentages of the corresponding license limit.	ME_NodeBFunction_HsDschResources.pmCapacityHsDschUsers_20	Sum	
pmCapacityHsDschUsers_2	ACCUMULATION	INTEGER	The distribution of the number of HS-DSCH users, as percentages of the corresponding license limit.	ME_NodeBFunction_HsDschResources.pmCapacityHsDschUsers_2	Sum	
pmCapacityHsDschUsers_3	ACCUMULATION	INTEGER	The distribution of the number	ME_NodeBFunction_HsDschResources.pmCapacityHsDschUsers_3	Sum	

			of HS-DSCH users, as percentages of the corresponding license limit.			
pmCapacityHsDschUsers_4	ACCUMULATION	INTEGER	The distribution of the number of HS-DSCH users, as percentages of the corresponding license limit.	ME_NodeBFunction_HsDschResources.pmCapacityHsDschUsers_4	Sum	
pmCapacityHsDschUsers_5	ACCUMULATION	INTEGER	The distribution of the number of HS-DSCH users, as percentages of the corresponding license limit.	ME_NodeBFunction_HsDschResources.pmCapacityHsDschUsers_5	Sum	
pmCapacityHsDs	ACCUMUL	INTE	The	ME_NodeBFunction_HsDsch	Sum	

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chUsers_6	ATION	GER	distribution of the number of HS-DSCH users, as percentages of the corresponding license limit.	Resources.pmCapacityHsDschUsers_6		
pmCapacityHsDschUsers_7	ACCUMULATION	INTEGER	The distribution of the number of HS-DSCH users, as percentages of the corresponding license limit.	ME_NodeBFunction_HsDschResources.pmCapacityHsDschUsers_7	Sum	
pmCapacityHsDschUsers_8	ACCUMULATION	INTEGER	The distribution of the number of HS-DSCH users, as percentages of the corresponding license limit.	ME_NodeBFunction_HsDschResources.pmCapacityHsDschUsers_8	Sum	
pmCapacityHsDschUsers_9	ACCUMULATION	INTEGER	The distribution of the	ME_NodeBFunction_HsDschResources.pmCapacityHsDschUsers_9	Sum	

			number of HS-DSCH users, as percentages of the corresponding license limit.		
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7.12.14CDMA_Channel.Ericsson.UMTS.PDF_pmCapacityHsPdschCodes

pmCapacityHsPdschCodes PDF counters

KPI	Type	Data Type	Description	Derivation	Default Aggregator	Other Aggregators
pmCapacityHsPdschCodes_0	ACCUMULATION	INTEGER	The distribution of the HS-PDSCH code utilization, as license limit percentages of the number of HS-PDSCH codes available for	ME_NodeBFunction_HsDschResources.pmCapacityHsPdschCodes_0	Sum	

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			the scheduler.		
pmCapacityHsPdschCodes_10	ACCUMULATION	INTEGER	The distribution of the HS-PDSC H code utilization, as license limit percentages of the number of HS-PDSC H codes available for the scheduler.	ME_NodeBFunction_HsDschResources.pmCapacityHsPdschCodes_10	Sum
pmCapacityHsPdschCodes_1	ACCUMULATION	INTEGER	The distribution of the HS-PDSC H code utilization, as license limit percentages of the number of HS-PDSC H codes availab	ME_NodeBFunction_HsDschResources.pmCapacityHsPdschCodes_1	Sum

			le for the scheduler.			
pmCapacityHsPdschCodes_2	ACCUMULATION	INTEGER	The distribution of the HS-PDSC H code utilization, as license limit percentages of the number of HS-PDSC H codes available for the scheduler.	ME_NodeBFunction_HsDschResources.pmCapacityHsPdschCodes_2	Sum	
pmCapacityHsPdschCodes_3	ACCUMULATION	INTEGER	The distribution of the HS-PDSC H code utilization, as license limit percentages of the	ME_NodeBFunction_HsDschResources.pmCapacityHsPdschCodes_3	Sum	

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			number of HS-PDSC H codes available for the scheduler.			
pmCapacityHsPdschCodes_4	ACCUMULATION	INTEGER	The distribution of the HS-PDSC H code utilization, as license limit percentages of the number of HS-PDSC H codes available for the scheduler.	ME_NodeBFunction_HsDschResources.pmCapacityHsPdschCodes_4	Sum	
pmCapacityHsPdschCodes_5	ACCUMULATION	INTEGER	The distribution of the HS-PDSC H code utilization, as license limit percentages of	ME_NodeBFunction_HsDschResources.pmCapacityHsPdschCodes_5	Sum	

			the number of HS-PDSC H codes available for the scheduler.			
pmCapacityHsPdschCodes_6	ACCUMULATION	INTEGER	The distribution of the HS-PDSC H code utilization, as license limit percent ages of the number of HS-PDSC H codes available for the scheduler.	ME_NodeBFunction_HsDschResources.pmCapacityHsPdschCodes_6	Sum	
pmCapacityHsPdschCodes_7	ACCUMULATION	INTEGER	The distribution of the HS-PDSC H code	ME_NodeBFunction_HsDschResources.pmCapacityHsPdschCodes_7	Sum	

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			utilization, as license limit percentages of the number of HS-PDSC H codes available for the scheduler.			
pmCapacityHsPdschCodes_8	ACCUMULATION	INTEGER	The distribution of the HS-PDSC H code utilization, as license limit percentages of the number of HS-PDSC H codes available for the scheduler.	ME_NodeBFunction_HsDschResources.pmCapacityHsPdschCodes_8	Sum	
pmCapacityHsPdschCodes_9	ACCUMULATION	INTEGER	The distribution of the HS-PDSC	ME_NodeBFunction_HsDschResources.pmCapacityHsPdschCodes_9	Sum	

			H code utilization, as license limit percentages of the number of HS-PDSC H codes available for the scheduler.		
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7.12.15CDMA_Channel.Ericsson.UMTS.PDF_pmCapacityServEDchUsers

pmCapacityServEDchUsers PDF counters

KPI	Type	Data Type	Description	Derivation	Default Aggregator	Other Aggregators
pmCapacityServEDchUsers_0	ACCUMULATION	INTEGER	The distribution of the number of Serving E-DCH users, as percentages of the correspo	ME_NodeBFunction_Sector_Carrier_EDchResources.pmCapacityServEDchUsers_0	Sum	

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			ending license limit.			
pmCapacityServEDchUsers_10	ACCUMULATION	INTEGER	The distribution of the number of Serving E-DCH users, as percentages of the corresponding license limit.	ME_NodeBFunction_Sector_Carrier_EDchResources.pmCapacityServEDchUsers_10	Sum	
pmCapacityServEDchUsers_1	ACCUMULATION	INTEGER	The distribution of the number of Serving E-DCH users, as percentages of the corresponding license limit.	ME_NodeBFunction_Sector_Carrier_EDchResources.pmCapacityServEDchUsers_1	Sum	
pmCapacityServEDchUsers_2	ACCUMULATION	INTEGER	The distribution of the number of Serving E-DCH users, as	ME_NodeBFunction_Sector_Carrier_EDchResources.pmCapacityServEDchUsers_2	Sum	

			percentages of the corresponding license limit.			
pmCapacityServEDchUsers_3	ACCUMULATION	INTEGER	The distribution of the number of Serving E-DCH users, as percentages of the corresponding license limit.	ME_NodeBFunction_Sector_Carrier_EDchResources.pmCapacityServEDchUsers_3	Sum	
pmCapacityServEDchUsers_4	ACCUMULATION	INTEGER	The distribution of the number of Serving E-DCH users, as percentages of the corresponding license limit.	ME_NodeBFunction_Sector_Carrier_EDchResources.pmCapacityServEDchUsers_4	Sum	

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pmCapacityServEDchUsers_5	ACCUMULATION	INTEGER	The distribution of the number of Serving E-DCH users, as percentages of the corresponding license limit.	ME_NodeBFunction_Sector_Carrier_EDchResources.pmCapacityServEDchUsers_5	Sum	
pmCapacityServEDchUsers_6	ACCUMULATION	INTEGER	The distribution of the number of Serving E-DCH users, as percentages of the corresponding license limit.	ME_NodeBFunction_Sector_Carrier_EDchResources.pmCapacityServEDchUsers_6	Sum	
pmCapacityServEDchUsers_7	ACCUMULATION	INTEGER	The distribution of the number of Serving E-DCH users, as percentages of the correspo	ME_NodeBFunction_Sector_Carrier_EDchResources.pmCapacityServEDchUsers_7	Sum	

			ending license limit.		
pmCapacityServEDchUsers_8	ACCUMULATION	INTEGER	The distribution of the number of Serving E-DCH users, as percentages of the corresponding license limit.	ME_NodeBFunction_Sector_Carrier_EDchResources.pmCapacityServEDchUsers_8	Sum
pmCapacityServEDchUsers_9	ACCUMULATION	INTEGER	The distribution of the number of Serving E-DCH users, as percentages of the corresponding license limit.	ME_NodeBFunction_Sector_Carrier_EDchResources.pmCapacityServEDchUsers_9	Sum

7.12.16CDMA_Channel.Ericsson.UMTS.PDF_pmCommonChPowerEul

pmCommonChPowerEul PDF counters

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KPI	Type	Data Type	Description	Derivation	Default Aggregator	Other Aggregators
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pmCommonChPowerEul_0	ACCUMULATION	INTEGER	This counter is used to observe the total DL power used for the E-AGCH, E-RGCH and E-HICH in the cell.	ME_NodeBFunction_Sector_Carrier_EDchResources.pm CommonChPowerEul_0	Sum	
pmCommonChPowerEul_10	ACCUMULATION	INTEGER	This counter is used to observe the total DL power used for the E-AGCH, E-RGCH and E-HICH in the cell.	ME_NodeBFunction_Sector_Carrier_EDchResources.pm CommonChPowerEul_10	Sum	
pmCommonChPowerEul_11	ACCUMULATION	INTEGER	This counter is used to observe the total	ME_NodeBFunction_Sector_Carrier_EDchResources.pm CommonChPowerEul_11	Sum	

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			DL power used for the E-AGCH, E-RGCH and E-HICH in the cell.			
pmCommonChPowerEul_12	ACCUMULATION	INTEGER	This counter is used to observe the total DL power used for the E-AGCH, E-RGCH and E-HICH in the cell.	ME_NodeBFunction_Sector_Carrier_EDchResources.pmCommonChPowerEul_12	Sum	
pmCommonChPowerEul_13	ACCUMULATION	INTEGER	This counter is used to observe the total DL power used for the E-AGCH, E-RGCH and E-HICH in the cell.	ME_NodeBFunction_Sector_Carrier_EDchResources.pmCommonChPowerEul_13	Sum	

pmCommonChPowerEul_14	ACCUMULATION	INTEGER	This counter is used to observe the total DL power used for the E-AGCH, E-RGCH and E-HICH in the cell.	ME_NodeBFunction_Sector_Carrier_EDchResources.pm CommonChPowerEul_14	Sum	
pmCommonChPowerEul_15	ACCUMULATION	INTEGER	This counter is used to observe the total DL power used for the E-AGCH, E-RGCH and E-HICH in the cell.	ME_NodeBFunction_Sector_Carrier_EDchResources.pm CommonChPowerEul_15	Sum	
pmCommonChPowerEul_16	ACCUMULATION	INTEGER	This counter is used to observe the total	ME_NodeBFunction_Sector_Carrier_EDchResources.pm CommonChPowerEul_16	Sum	

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			DL power used for the E-AGCH, E-RGCH and E-HICH in the cell.			
pmCommonChPowerEul_17	ACCUMULATION	INTEGER	This counter is used to observe the total DL power used for the E-AGCH, E-RGCH and E-HICH in the cell.	ME_NodeBFunction_Sector_Carrier_EDchResources.pmCommonChPowerEul_17	Sum	
pmCommonChPowerEul_18	ACCUMULATION	INTEGER	This counter is used to observe the total DL power used for the E-AGCH, E-RGCH and E-HICH in the cell.	ME_NodeBFunction_Sector_Carrier_EDchResources.pmCommonChPowerEul_18	Sum	

pmCommonChPowerEul_19	ACCUMULATION	INTEGER	This counter is used to observe the total DL power used for the E-AGCH, E-RGCH and E-HICH in the cell.	ME_NodeBFunction_Sector_Carrier_EDchResources.pm CommonChPowerEul_19	Sum	
pmCommonChPowerEul_1	ACCUMULATION	INTEGER	This counter is used to observe the total DL power used for the E-AGCH, E-RGCH and E-HICH in the cell.	ME_NodeBFunction_Sector_Carrier_EDchResources.pm CommonChPowerEul_1	Sum	
pmCommonChPowerEul_20	ACCUMULATION	INTEGER	This counter is used to observe the total	ME_NodeBFunction_Sector_Carrier_EDchResources.pm CommonChPowerEul_20	Sum	

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			DL power used for the E-AGCH, E-RGCH and E-HICH in the cell.			
pmCommonChPowerEul_21	ACCUMULATION	INTEGER	This counter is used to observe the total DL power used for the E-AGCH, E-RGCH and E-HICH in the cell.	ME_NodeBFunction_Sector_Carrier_EDchResources.pmCommonChPowerEul_21	Sum	
pmCommonChPowerEul_22	ACCUMULATION	INTEGER	This counter is used to observe the total DL power used for the E-AGCH, E-RGCH and E-HICH in the cell.	ME_NodeBFunction_Sector_Carrier_EDchResources.pmCommonChPowerEul_22	Sum	

pmCommonChPowerEul_23	ACCUMULATION	INTEGER	This counter is used to observe the total DL power used for the E-AGCH, E-RGCH and E-HICH in the cell.	ME_NodeBFunction_Sector_Carrier_EDchResources.pm CommonChPowerEul_23	Sum	
pmCommonChPowerEul_24	ACCUMULATION	INTEGER	This counter is used to observe the total DL power used for the E-AGCH, E-RGCH and E-HICH in the cell.	ME_NodeBFunction_Sector_Carrier_EDchResources.pm CommonChPowerEul_24	Sum	
pmCommonChPowerEul_25	ACCUMULATION	INTEGER	This counter is used to observe the total	ME_NodeBFunction_Sector_Carrier_EDchResources.pm CommonChPowerEul_25	Sum	

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			DL power used for the E-AGCH, E-RGCH and E-HICH in the cell.			
pmCommonChPowerEul_26	ACCUMULATION	INTEGER	This counter is used to observe the total DL power used for the E-AGCH, E-RGCH and E-HICH in the cell.	ME_NodeBFunction_Sector_Carrier_EDchResources.pmCommonChPowerEul_26	Sum	
pmCommonChPowerEul_27	ACCUMULATION	INTEGER	This counter is used to observe the total DL power used for the E-AGCH, E-RGCH and E-HICH in the cell.	ME_NodeBFunction_Sector_Carrier_EDchResources.pmCommonChPowerEul_27	Sum	

pmCommonChPowerEul_28	ACCUMULATION	INTEGER	This counter is used to observe the total DL power used for the E-AGCH, E-RGCH and E-HICH in the cell.	ME_NodeBFunction_Sector_Carrier_EDchResources.pm CommonChPowerEul_28	Sum	
pmCommonChPowerEul_29	ACCUMULATION	INTEGER	This counter is used to observe the total DL power used for the E-AGCH, E-RGCH and E-HICH in the cell.	ME_NodeBFunction_Sector_Carrier_EDchResources.pm CommonChPowerEul_29	Sum	
pmCommonChPowerEul_2	ACCUMULATION	INTEGER	This counter is used to observe the total	ME_NodeBFunction_Sector_Carrier_EDchResources.pm CommonChPowerEul_2	Sum	

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			DL power used for the E-AGCH, E-RGCH and E-HICH in the cell.			
pmCommonChPowerEul_30	ACCUMULATION	INTEGER	This counter is used to observe the total DL power used for the E-AGCH, E-RGCH and E-HICH in the cell.	ME_NodeBFunction_Sector_Carrier_EDchResources.pmCommonChPowerEul_30	Sum	
pmCommonChPowerEul_31	ACCUMULATION	INTEGER	This counter is used to observe the total DL power used for the E-AGCH, E-RGCH and E-HICH in the cell.	ME_NodeBFunction_Sector_Carrier_EDchResources.pmCommonChPowerEul_31	Sum	

pmCommonChPowerEul_32	ACCUMULATION	INTEGER	This counter is used to observe the total DL power used for the E-AGCH, E-RGCH and E-HICH in the cell.	ME_NodeBFunction_Sector_Carrier_EDchResources.pm CommonChPowerEul_32	Sum	
pmCommonChPowerEul_33	ACCUMULATION	INTEGER	This counter is used to observe the total DL power used for the E-AGCH, E-RGCH and E-HICH in the cell.	ME_NodeBFunction_Sector_Carrier_EDchResources.pm CommonChPowerEul_33	Sum	
pmCommonChPowerEul_34	ACCUMULATION	INTEGER	This counter is used to observe the total	ME_NodeBFunction_Sector_Carrier_EDchResources.pm CommonChPowerEul_34	Sum	

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			DL power used for the E-AGCH, E-RGCH and E-HICH in the cell.			
pmCommonChPowerEul_35	ACCUMULATION	INTEGER	This counter is used to observe the total DL power used for the E-AGCH, E-RGCH and E-HICH in the cell.	ME_NodeBFunction_Sector_Carrier_EDchResources.pmCommonChPowerEul_35	Sum	
pmCommonChPowerEul_36	ACCUMULATION	INTEGER	This counter is used to observe the total DL power used for the E-AGCH, E-RGCH and E-HICH in the cell.	ME_NodeBFunction_Sector_Carrier_EDchResources.pmCommonChPowerEul_36	Sum	

pmCommonChPowerEul_37	ACCUMULATION	INTEGER	This counter is used to observe the total DL power used for the E-AGCH, E-RGCH and E-HICH in the cell.	ME_NodeBFunction_Sector_Carrier_EDchResources.pm CommonChPowerEul_37	Sum	
pmCommonChPowerEul_38	ACCUMULATION	INTEGER	This counter is used to observe the total DL power used for the E-AGCH, E-RGCH and E-HICH in the cell.	ME_NodeBFunction_Sector_Carrier_EDchResources.pm CommonChPowerEul_38	Sum	
pmCommonChPowerEul_39	ACCUMULATION	INTEGER	This counter is used to observe the total	ME_NodeBFunction_Sector_Carrier_EDchResources.pm CommonChPowerEul_39	Sum	

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			DL power used for the E-AGCH, E-RGCH and E-HICH in the cell.			
pmCommonChPowerEul_3	ACCUMULATION	INTEGER	This counter is used to observe the total DL power used for the E-AGCH, E-RGCH and E-HICH in the cell.	ME_NodeBFunction_Sector_Carrier_EDchResources.pmCommonChPowerEul_3	Sum	
pmCommonChPowerEul_40	ACCUMULATION	INTEGER	This counter is used to observe the total DL power used for the E-AGCH, E-RGCH and E-HICH in the cell.	ME_NodeBFunction_Sector_Carrier_EDchResources.pmCommonChPowerEul_40	Sum	

pmCommonChPowerEul_4	ACCUMULATION	INTEGER	This counter is used to observe the total DL power used for the E-AGCH, E-RGCH and E-HICH in the cell.	ME_NodeBFunction_Sector_Carrier_EDchResources.pm CommonChPowerEul_4	Sum	
pmCommonChPowerEul_5	ACCUMULATION	INTEGER	This counter is used to observe the total DL power used for the E-AGCH, E-RGCH and E-HICH in the cell.	ME_NodeBFunction_Sector_Carrier_EDchResources.pm CommonChPowerEul_5	Sum	
pmCommonChPowerEul_6	ACCUMULATION	INTEGER	This counter is used to observe the total	ME_NodeBFunction_Sector_Carrier_EDchResources.pm CommonChPowerEul_6	Sum	

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			DL power used for the E-AGCH, E-RGCH and E-HICH in the cell.			
pmCommonChPowerEul_7	ACCUMULATION	INTEGER	This counter is used to observe the total DL power used for the E-AGCH, E-RGCH and E-HICH in the cell.	ME_NodeBFunction_Sector_Carrier_EDchResources.pmCommonChPowerEul_7	Sum	
pmCommonChPowerEul_8	ACCUMULATION	INTEGER	This counter is used to observe the total DL power used for the E-AGCH, E-RGCH and E-HICH in the cell.	ME_NodeBFunction_Sector_Carrier_EDchResources.pmCommonChPowerEul_8	Sum	

pmCommonChPowerEul_9	ACCUMULATION	INTEGER	This counter is used to observe the total DL power used for the E-AGCH, E-RGCH and E-HICH in the cell.	ME_NodeBFunction_Sector_Carrier_EDchResources.pmCommonChPowerEul_9	Sum	
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7.12.17CDMA_Channel.Ericsson.UMTS.PDF_pmDelayDistributionSpi00

pmDelayDistributionSpi00 PDF counters

KPI	Type	Data Type	Description	Derivation	Default Aggregator	Other Aggregators
pmDelayDistributionSpi00_0	ACCUMULATION	INTEGER	Measurement to observe the distribution of the scheduling delay for scheduling priority class 00	ME_NodeBFunction_HsDschResources.pmDelayDistributionSpi00_0	Sum	

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			<p>on each subframe on those priority queue(s) selected for transmission. The scheduling delay is counted as a percentage of schMax delay of each priority class and 3000 ms will be used as a schMax Delay in case it is set to -1.</p>			
pmDelayDistributionSpi00_10	ACCUMULATION	INTEGER	Measurement to observe the distribution of the scheduling delay for scheduling priority	ME_NodeBFunction_HsDschResources.pmDelayDistributionSpi00_10	Sum	

			<p>class 00 on each subframe on those priority queue(s) selected for transmission. The scheduling delay is counted as a percentage of schMax delay of each priority class and 3000 ms will be used as a schMax Delay in case it is set to -1.</p>			
pmDelayDistributionSpi00_1	ACCUMULATION	INTEGER	Measurement to observe the distribution of the	ME_NodeBFunction_HsDschResources.pmDelayDistributionSpi00_1	Sum	

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			<p>scheduling delay for scheduling priority class 00 on each subframe on those priority queue(s) selected for transmission. The scheduling delay is counted as a percentage of schMax delay of each priority class and 3000 ms will be used as a schMax Delay in case it is set to -1.</p>		
pmDelayDistributionSpi00_2	ACCUMULATION	INTEGER	Measurement to observe the distribution of	ME_NodeBFunction_HsDschResources.pmDelayDistributionSpi00_2	Sum

		<p>the scheduling delay for scheduling priority class 00 on each subframe on those priority queue(s) selected for transmission. The scheduling delay is counted as a percentage of schMax delay of each priority class and 3000 ms will be used as a schMax Delay in case it is set to -1.</p>		
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pmDelayDistributionSpi00_3	ACCUMULATION	INTEGER	<p>Measurement to observe the distribution of the scheduling delay for scheduling priority class 00 on each subframe on those priority queue(s) selected for transmission. The scheduling delay is counted as a percentage of schMax delay of each priority class and 3000 ms will be used as a schMax Delay in case it is set to -1.</p>	ME_NodeBFunction_HsDschResources.pmDelayDistributionSpi00_3	Sum	
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pmDelayDistributionSpi00_4	ACCUMULATION	INTEGER	Measurement to observe the distribution of the scheduling delay for scheduling priority class 00 on each subframe on those priority queue(s) selected for transmission. The scheduling delay is counted as a percentage of schMax delay of each priority class and 3000 ms will be used as	ME_NodeBFunction_HsDschResources.pmDelayDistributionSpi00_4	Sum	
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			a schMax Delay in case it is set to -1.			
pmDelayDistribut ionSpi00_5	ACCUMUL ATION	INTE GER	Measure ment to observe the distribut ion of the scheduli ng delay for scheduli ng priority class 00 on each subfram e on those priority queue(s) selected for transmis sion. The scheduli ng delay is counted as a percenta ge of schMax delay of each priority class and 3000 ms will be	ME_NodeBFunction_HsDsch Resources.pmDelayDistributi onSpi00_5	Sum	

			used as a schMax Delay in case it is set to -1.			
pmDelayDistributionSpi00_6	ACCUMULATION	INTEGER	Measurement to observe the distribution of the scheduling delay for scheduling priority class 00 on each subframe on those priority queue(s) selected for transmission. The scheduling delay is counted as a percentage of schMax delay of	ME_NodeBFunction_HsDschResources.pmDelayDistributionSpi00_6	Sum	

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			each priority class and 3000 ms will be used as a schMax Delay in case it is set to -1.		
pmDelayDistributionSpi00_7	ACCUMULATION	INTEGER	Measurement to observe the distribution of the scheduling delay for scheduling priority class 00 on each subframe on those priority queue(s) selected for transmission. The scheduling delay is counted as a percentage of schMax	ME_NodeBFunction_HsDschResources.pmDelayDistributionSpi00_7	Sum

			delay of each priority class and 3000 ms will be used as a schMax Delay in case it is set to -1.			
pmDelayDistributionSpi00_8	ACCUMULATION	INTEGER	Measurement to observe the distribution of the scheduling delay for scheduling priority class 00 on each subframe on those priority queue(s) selected for transmission. The scheduling delay	ME_NodeBFunction_HsDschResources.pmDelayDistributionSpi00_8	Sum	

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			is counted as a percentage of schMax delay of each priority class and 3000 ms will be used as a schMax Delay in case it is set to -1.		
pmDelayDistributionSpi00_9	ACCUMULATION	INTEGER	Measurement to observe the distribution of the scheduling delay for scheduling priority class 00 on each subframe on those priority queue(s) selected for transmission. The scheduling	ME_NodeBFunction_HsDschResources.pmDelayDistributionSpi00_9	Sum

			ng delay is counted as a percentage of schMax delay of each priority class and 3000 ms will be used as a schMax Delay in case it is set to -1.		
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7.12.18CDMA_Channel.Ericsson.UMTS.PDF_pmDelayDistributionSpi01

pmDelayDistributionSpi01 PDF counters

KPI	Type	Data Type	Description	Derivation	Default Aggregator	Other Aggregators
pmDelayDistributionSpi01_0	ACCUMULATION	INTEGER	Measurement to observe the distribution of the scheduling delay for scheduling	ME_NodeBFunction_HsDschResources.pmDelayDistributionSpi01_0	Sum	

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			<p>ng priority class 01 on each subfram e on those priority queue(s) selected for transmis sion. The scheduli ng delay is counted as a percenta ge of schMax delay of each priority class and 3000 ms will be used as a schMax Delay in case it is set to -1.</p>			
pmDelayDistribut ionSpi01_10	ACCUMUL ATION	INTE GER	Measure ment to observe the distribut ion of the scheduli ng delay for	ME_NodeBFunction_HsDsch Resources.pmDelayDistributi onSpi01_10	Sum	

			<p>scheduling priority class 01 on each subframe on those priority queue(s) selected for transmission. The scheduling delay is counted as a percentage of schMax delay of each priority class and 3000 ms will be used as a schMax Delay in case it is set to -1.</p>			
pmDelayDistributionSpi01_1	ACCUMULATION	INTEGER	Measurement to observe the	ME_NodeBFunction_HsDschResources.pmDelayDistributionSpi01_1	Sum	

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			<p>distribution of the scheduling delay for scheduling priority class 01 on each subframe on those priority queue(s) selected for transmission. The scheduling delay is counted as a percentage of schMax delay of each priority class and 3000 ms will be used as a schMax Delay in case it is set to -1.</p>			
pmDelayDistributionSpi01_2	ACCUMULATION	INTEGER	Measurement to observe	ME_NodeBFunction_HsDschResources.pmDelayDistributionSpi01_2	Sum	

		<p>the distribution of the scheduling delay for scheduling priority class 01 on each subframe on those priority queue(s) selected for transmission. The scheduling delay is counted as a percentage of schMax delay of each priority class and 3000 ms will be used as a schMax Delay in</p>		
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			case it is set to -1.		
pmDelayDistributionSpi01_3	ACCUMULATION	INTEGER	Measurement to observe the distribution of the scheduling delay for scheduling priority class 01 on each subframe on those priority queue(s) selected for transmission. The scheduling delay is counted as a percentage of schMax delay of each priority class and 3000 ms will be used as a schMax	ME_NodeBFunction_HsDschResources.pmDelayDistributionSpi01_3	Sum

			Delay in case it is set to -1.		
pmDelayDistributionSpi01_4	ACCUMULATION	INTEGER	Measurement to observe the distribution of the scheduling delay for scheduling priority class 01 on each subframe on those priority queue(s) selected for transmission. The scheduling delay is counted as a percentage of schMax delay of each priority class	ME_NodeBFunction_HsDschResources.pmDelayDistributionSpi01_4	Sum

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			and 3000 ms will be used as a schMax Delay in case it is set to -1.		
pmDelayDistributionSpi01_5	ACCUMULATION	INTEGER	Measurement to observe the distribution of the scheduling delay for scheduling priority class 01 on each subframe on those priority queue(s) selected for transmission. The scheduling delay is counted as a percentage of schMax delay of each priority	ME_NodeBFunction_HsDschResources.pmDelayDistributionSpi01_5	Sum

			class and 3000 ms will be used as a schMax Delay in case it is set to -1.			
pmDelayDistributionSpi01_6	ACCUMULATION	INTEGER	Measurement to observe the distribution of the scheduling delay for scheduling priority class 01 on each subframe on those priority queue(s) selected for transmission. The scheduling delay is counted as a	ME_NodeBFunction_HsDschResources.pmDelayDistributionSpi01_6	Sum	

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			percentage of schMax delay of each priority class and 3000 ms will be used as a schMax Delay in case it is set to -1.		
pmDelayDistributionSpi01_7	ACCUMULATION	INTEGER	Measurement to observe the distribution of the scheduling delay for scheduling priority class 01 on each subframe on those priority queue(s) selected for transmission. The scheduling delay is counted	ME_NodeBFunction_HsDschResources.pmDelayDistributionSpi01_7	Sum

			as a percentage of schMax delay of each priority class and 3000 ms will be used as a schMax Delay in case it is set to -1.			
pmDelayDistributionSpi01_8	ACCUMULATION	INTEGER	Measurement to observe the distribution of the scheduling delay for scheduling priority class 01 on each subframe on those priority queue(s) selected for transmis	ME_NodeBFunction_HsDschResources.pmDelayDistributionSpi01_8	Sum	

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			<p>sion. The scheduling delay is counted as a percentage of schMax delay of each priority class and 3000 ms will be used as a schMax Delay in case it is set to -1.</p>		
pmDelayDistributionSpi01_9	ACCUMULATION	INTEGER	<p>Measurement to observe the distribution of the scheduling delay for scheduling priority class 01 on each subframe on those priority queue(s) selected for</p>	ME_NodeBFunction_HsDschResources.pmDelayDistributionSpi01_9	Sum

			transmission. The scheduling delay is counted as a percentage of schMax delay of each priority class and 3000 ms will be used as a schMax Delay in case it is set to -1.		
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7.12.19CDMA_Channel.Ericsson.UMTS.PDF_pmDelayDistributionSpi02

pmDelayDistributionSpi02 PDF counters

KPI	Type	Data Type	Description	Derivation	Default Aggregator	Other Aggregators
pmDelayDistributionSpi02_0	ACCUMULATION	INTEGER	Measurement to observe the distribution of the	ME_NodeBFunction_HsDschResources.pmDelayDistributionSpi02_0	Sum	

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			<p>scheduling delay for scheduling priority class 02 on each subframe on those priority queue(s) selected for transmission. The scheduling delay is counted as a percentage of schMax delay of each priority class and 3000 ms will be used as a schMax Delay in case it is set to -1.</p>			
pmDelayDistributionSpi02_10	ACCUMULATION	INTEGER	Measurement to observe the distribution of	ME_NodeBFunction_HsDschResources.pmDelayDistributionSpi02_10	Sum	

		<p>the scheduling delay for scheduling priority class 02 on each subframe on those priority queue(s) selected for transmission. The scheduling delay is counted as a percentage of schMax delay of each priority class and 3000 ms will be used as a schMax Delay in case it is set to -1.</p>		
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pmDelayDistributionSpi02_1	ACCUMULATION	INTEGER	<p>Measurement to observe the distribution of the scheduling delay for scheduling priority class 02 on each subframe on those priority queue(s) selected for transmission. The scheduling delay is counted as a percentage of schMax delay of each priority class and 3000 ms will be used as a schMax Delay in case it is set to -1.</p>	ME_NodeBFunction_HsDschResources.pmDelayDistributionSpi02_1	Sum	
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pmDelayDistributionSpi02_2	ACCUMULATION	INTEGER	Measurement to observe the distribution of the scheduling delay for scheduling priority class 02 on each subframe on those priority queue(s) selected for transmission. The scheduling delay is counted as a percentage of schMax delay of each priority class and 3000 ms will be used as	ME_NodeBFunction_HsDschResources.pmDelayDistributionSpi02_2	Sum	
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			a schMax Delay in case it is set to -1.			
pmDelayDistribut ionSpi02_3	ACCUMUL ATION	INTE GER	Measure ment to observe the distribut ion of the scheduli ng delay for scheduli ng priority class 02 on each subfram e on those priority queue(s) selected for transmis sion. The scheduli ng delay is counted as a percenta ge of schMax delay of each priority class and 3000 ms will be	ME_NodeBFunction_HsDsch Resources.pmDelayDistributi onSpi02_3	Sum	

			used as a schMax Delay in case it is set to -1.			
pmDelayDistributionSpi02_4	ACCUMULATION	INTEGER	Measurement to observe the distribution of the scheduling delay for scheduling priority class 02 on each subframe on those priority queue(s) selected for transmission. The scheduling delay is counted as a percentage of schMax delay of	ME_NodeBFunction_HsDschResources.pmDelayDistributionSpi02_4	Sum	

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			each priority class and 3000 ms will be used as a schMax Delay in case it is set to -1.		
pmDelayDistributionSpi02_5	ACCUMULATION	INTEGER	Measurement to observe the distribution of the scheduling delay for scheduling priority class 02 on each subframe on those priority queue(s) selected for transmission. The scheduling delay is counted as a percentage of schMax	ME_NodeBFunction_HsDschResources.pmDelayDistributionSpi02_5	Sum

			delay of each priority class and 3000 ms will be used as a schMax Delay in case it is set to -1.			
pmDelayDistributionSpi02_6	ACCUMULATION	INTEGER	Measurement to observe the distribution of the scheduling delay for scheduling priority class 02 on each subframe on those priority queue(s) selected for transmission. The scheduling delay	ME_NodeBFunction_HsDschResources.pmDelayDistributionSpi02_6	Sum	

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			is counted as a percentage of schMax delay of each priority class and 3000 ms will be used as a schMax Delay in case it is set to -1.		
pmDelayDistributionSpi02_7	ACCUMULATION	INTEGER	Measurement to observe the distribution of the scheduling delay for scheduling priority class 02 on each subframe on those priority queue(s) selected for transmission. The scheduling	ME_NodeBFunction_HsDschResources.pmDelayDistributionSpi02_7	Sum

			ng delay is counted as a percentage of schMax delay of each priority class and 3000 ms will be used as a schMax Delay in case it is set to -1.			
pmDelayDistributionSpi02_8	ACCUMULATION	INTEGER	Measurement to observe the distribution of the scheduling delay for scheduling priority class 02 on each subframe on those priority queue(s)	ME_NodeBFunction_HsDschResources.pmDelayDistributionSpi02_8	Sum	

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			<p>selected for transmission. The scheduling delay is counted as a percentage of schMax delay of each priority class and 3000 ms will be used as a schMax Delay in case it is set to -1.</p>		
pmDelayDistributionSpi02_9	ACCUMULATION	INTEGER	<p>Measurement to observe the distribution of the scheduling delay for scheduling priority class 02 on each subframe on those priority</p>	ME_NodeBFunction_HsDschResources.pmDelayDistributionSpi02_9	Sum

			<p>queue(s) selected for transmission. The scheduling delay is counted as a percentage of schMax delay of each priority class and 3000 ms will be used as a schMax Delay in case it is set to -1.</p>		
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7.12.20CDMA_Channel.Ericsson.UMTS.PDF_pmDelayDistributionSpi03

pmDelayDistributionSpi03 PDF counters

KPI	Type	Data Type	Description	Derivation	Default Aggregator	Other Aggregators
pmDelayDistributionSpi03_0	ACCUMULATION	INTEGER	Measurement to observe the	ME_NodeBFunction_HsDschResources.pmDelayDistributionSpi03_0	Sum	

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			<p>distribution of the scheduling delay for scheduling priority class 03 on each subframe on those priority queue(s) selected for transmission. The scheduling delay is counted as a percentage of schMax delay of each priority class and 3000 ms will be used as a schMax Delay in case it is set to -1.</p>			
pmDelayDistributionSpi03_10	ACCUMULATION	INTEGER	Measurement to observe	ME_NodeBFunction_HsDschResources.pmDelayDistributionSpi03_10	Sum	

			the distribution of the scheduling delay for scheduling priority class 03 on each subframe on those priority queue(s) selected for transmission. The scheduling delay is counted as a percentage of schMax delay of each priority class and 3000 ms will be used as a schMax Delay in		
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			case it is set to -1.		
pmDelayDistributionSpi03_1	ACCUMULATION	INTEGER	Measurement to observe the distribution of the scheduling delay for scheduling priority class 03 on each subframe on those priority queue(s) selected for transmission. The scheduling delay is counted as a percentage of schMax delay of each priority class and 3000 ms will be used as a schMax	ME_NodeBFunction_HsDschResources.pmDelayDistributionSpi03_1	Sum

			Delay in case it is set to -1.		
pmDelayDistributionSpi03_2	ACCUMULATION	INTEGER	Measurement to observe the distribution of the scheduling delay for scheduling priority class 03 on each subframe on those priority queue(s) selected for transmission. The scheduling delay is counted as a percentage of schMax delay of each priority class	ME_NodeBFunction_HsDschResources.pmDelayDistributionSpi03_2	Sum

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			and 3000 ms will be used as a schMax Delay in case it is set to -1.		
pmDelayDistributionSpi03_3	ACCUMULATION	INTEGER	Measurement to observe the distribution of the scheduling delay for scheduling priority class 03 on each subframe on those priority queue(s) selected for transmission. The scheduling delay is counted as a percentage of schMax delay of each priority	ME_NodeBFunction_HsDschResources.pmDelayDistributionSpi03_3	Sum

			class and 3000 ms will be used as a schMax Delay in case it is set to -1.			
pmDelayDistributionSpi03_4	ACCUMULATION	INTEGER	Measurement to observe the distribution of the scheduling delay for scheduling priority class 03 on each subframe on those priority queue(s) selected for transmission. The scheduling delay is counted as a	ME_NodeBFunction_HsDschResources.pmDelayDistributionSpi03_4	Sum	

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			<p>percentage of schMax delay of each priority class and 3000 ms will be used as a schMax Delay in case it is set to -1.</p>		
pmDelayDistributionSpi03_5	ACCUMULATION	INTEGER	<p>Measurement to observe the distribution of the scheduling delay for scheduling priority class 03 on each subframe on those priority queue(s) selected for transmission. The scheduling delay is counted</p>	ME_NodeBFunction_HsDschResources.pmDelayDistributionSpi03_5	Sum

			as a percentage of schMax delay of each priority class and 3000 ms will be used as a schMax Delay in case it is set to -1.			
pmDelayDistributionSpi03_6	ACCUMULATION	INTEGER	Measurement to observe the distribution of the scheduling delay for scheduling priority class 03 on each subframe on those priority queue(s) selected for transmis	ME_NodeBFunction_HsDschResources.pmDelayDistributionSpi03_6	Sum	

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			<p>sion. The scheduling delay is counted as a percentage of schMax delay of each priority class and 3000 ms will be used as a schMax Delay in case it is set to -1.</p>		
pmDelayDistributionSpi03_7	ACCUMULATION	INTEGER	<p>Measurement to observe the distribution of the scheduling delay for scheduling priority class 03 on each subframe on those priority queue(s) selected for</p>	ME_NodeBFunction_HsDschResources.pmDelayDistributionSpi03_7	Sum

			transmission. The scheduling delay is counted as a percentage of schMax delay of each priority class and 3000 ms will be used as a schMax Delay in case it is set to -1.			
pmDelayDistributionSpi03_8	ACCUMULATION	INTEGER	Measurement to observe the distribution of the scheduling delay for scheduling priority class 03 on each subfram	ME_NodeBFunction_HsDschResources.pmDelayDistributionSpi03_8	Sum	

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			<p>e on those priority queue(s) selected for transmission. The scheduling delay is counted as a percentage of schMax delay of each priority class and 3000 ms will be used as a schMax Delay in case it is set to -1.</p>		
pmDelayDistributionSpi03_9	ACCUMULATION	INTEGER	Measurement to observe the distribution of the scheduling delay for scheduling priority class 03 on each	ME_NodeBFunction_HsDschResources.pmDelayDistributionSpi03_9	Sum

			<p>subframe on those priority queue(s) selected for transmission. The scheduling delay is counted as a percentage of schMax delay of each priority class and 3000 ms will be used as a schMax Delay in case it is set to -1.</p>		
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7.12.21CDMA_Channel.Ericsson.UMTS.PDF_pmDelayDistributionSpi04

pmDelayDistributionSpi04 PDF counters

KPI	Type	Data Type	Description	Derivation	Default Aggregator	Other Aggregators
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pmDelayDistributionSpi04_0	ACCUMULATION	INTEGER	<p>Measurement to observe the distribution of the scheduling delay for scheduling priority class 04 on each subframe on those priority queue(s) selected for transmission. The scheduling delay is counted as a percentage of schMax delay of each priority class and 3000 ms will be used as a schMax Delay in case it is set to -1.</p>	ME_NodeBFunction_HsDschResources.pmDelayDistributionSpi04_0	Sum	
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pmDelayDistributionSpi04_10	ACCUMULATION	INTEGER	Measurement to observe the distribution of the scheduling delay for scheduling priority class 04 on each subframe on those priority queue(s) selected for transmission. The scheduling delay is counted as a percentage of schMax delay of each priority class and 3000 ms will be used as	ME_NodeBFunction_HsDschResources.pmDelayDistributionSpi04_10	Sum	
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			a schMax Delay in case it is set to -1.			
pmDelayDistribut ionSpi04_1	ACCUMUL ATION	INTE GER	Measure ment to observe the distribut ion of the scheduli ng delay for scheduli ng priority class 04 on each subfram e on those priority queue(s) selected for transmis sion. The scheduli ng delay is counted as a percenta ge of schMax delay of each priority class and 3000 ms will be	ME_NodeBFunction_HsDsch Resources.pmDelayDistributi onSpi04_1	Sum	

			used as a schMax Delay in case it is set to -1.			
pmDelayDistributionSpi04_2	ACCUMULATION	INTEGER	Measurement to observe the distribution of the scheduling delay for scheduling priority class 04 on each subframe on those priority queue(s) selected for transmission. The scheduling delay is counted as a percentage of schMax delay of	ME_NodeBFunction_HsDschResources.pmDelayDistributionSpi04_2	Sum	

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			each priority class and 3000 ms will be used as a schMax Delay in case it is set to -1.		
pmDelayDistributionSpi04_3	ACCUMULATION	INTEGER	Measurement to observe the distribution of the scheduling delay for scheduling priority class 04 on each subframe on those priority queue(s) selected for transmission. The scheduling delay is counted as a percentage of schMax	ME_NodeBFunction_HsDschResources.pmDelayDistributionSpi04_3	Sum

			delay of each priority class and 3000 ms will be used as a schMax Delay in case it is set to -1.		
pmDelayDistributionSpi04_4	ACCUMULATION	INTEGER	Measurement to observe the distribution of the scheduling delay for scheduling priority class 04 on each subframe on those priority queue(s) selected for transmission. The scheduling delay	ME_NodeBFunction_HsDschResources.pmDelayDistributionSpi04_4	Sum

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			is counted as a percentage of schMax delay of each priority class and 3000 ms will be used as a schMax Delay in case it is set to -1.		
pmDelayDistributionSpi04_5	ACCUMULATION	INTEGER	Measurement to observe the distribution of the scheduling delay for scheduling priority class 04 on each subframe on those priority queue(s) selected for transmission. The scheduling	ME_NodeBFunction_HsDschResources.pmDelayDistributionSpi04_5	Sum

			ng delay is counted as a percentage of schMax delay of each priority class and 3000 ms will be used as a schMax Delay in case it is set to -1.			
pmDelayDistributionSpi04_6	ACCUMULATION	INTEGER	Measurement to observe the distribution of the scheduling delay for scheduling priority class 04 on each subframe on those priority queue(s)	ME_NodeBFunction_HsDschResources.pmDelayDistributionSpi04_6	Sum	

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			<p>selected for transmission. The scheduling delay is counted as a percentage of schMax delay of each priority class and 3000 ms will be used as a schMax Delay in case it is set to -1.</p>		
pmDelayDistributionSpi04_7	ACCUMULATION	INTEGER	Measurement to observe the distribution of the scheduling delay for scheduling priority class 04 on each subframe on those priority	ME_NodeBFunction_HsDschResources.pmDelayDistributionSpi04_7	Sum

			<p>queue(s) selected for transmission. The scheduling delay is counted as a percentage of schMax delay of each priority class and 3000 ms will be used as a schMax Delay in case it is set to -1.</p>		
pmDelayDistributionSpi04_8	ACCUMULATION	INTEGER	Measurement to observe the distribution of the scheduling delay for scheduling priority	ME_NodeBFunction_HsDschResources.pmDelayDistributionSpi04_8	Sum

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			<p>class 04 on each subframe on those priority queue(s) selected for transmission. The scheduling delay is counted as a percentage of schMax delay of each priority class and 3000 ms will be used as a schMax Delay in case it is set to -1.</p>		
pmDelayDistributionSpi04_9	ACCUMULATION	INTEGER	Measurement to observe the distribution of the scheduling delay for scheduling	ME_NodeBFunction_HsDschResources.pmDelayDistributionSpi04_9	Sum

			<p>priority class 04 on each subframe on those priority queue(s) selected for transmission. The scheduling delay is counted as a percentage of schMax delay of each priority class and 3000 ms will be used as a schMax Delay in case it is set to -1.</p>		
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7.12.22CDMA_Channel.Ericsson.UMTS.PDF_pmDelayDistributionSpi05

pmDelayDistributionSpi05 PDF counters

KPI	Type	Data Type	Description	Derivation	Default	Other Aggreg
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					Aggregator	ators
pmDelayDistributionSpi05_0	ACCUMULATION	INTEGER	Measurement to observe the distribution of the scheduling delay for scheduling priority class 05 on each subframe on those priority queue(s) selected for transmission. The scheduling delay is counted as a percentage of schMax delay of each priority class and 3000 ms will be used as a schMax	ME_NodeBFunction_HsDschResources.pmDelayDistributionSpi05_0	Sum	

			Delay in case it is set to -1.		
pmDelayDistributionSpi05_10	ACCUMULATION	INTEGER	Measurement to observe the distribution of the scheduling delay for scheduling priority class 05 on each subframe on those priority queue(s) selected for transmission. The scheduling delay is counted as a percentage of schMax delay of each priority class	ME_NodeBFunction_HsDschResources.pmDelayDistributionSpi05_10	Sum

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			and 3000 ms will be used as a schMax Delay in case it is set to -1.		
pmDelayDistributionSpi05_1	ACCUMULATION	INTEGER	Measurement to observe the distribution of the scheduling delay for scheduling priority class 05 on each subframe on those priority queue(s) selected for transmission. The scheduling delay is counted as a percentage of schMax delay of each priority	ME_NodeBFunction_HsDschResources.pmDelayDistributionSpi05_1	Sum

			class and 3000 ms will be used as a schMax Delay in case it is set to -1.			
pmDelayDistributionSpi05_2	ACCUMULATION	INTEGER	Measurement to observe the distribution of the scheduling delay for scheduling priority class 05 on each subframe on those priority queue(s) selected for transmission. The scheduling delay is counted as a	ME_NodeBFunction_HsDschResources.pmDelayDistributionSpi05_2	Sum	

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			<p>percentage of schMax delay of each priority class and 3000 ms will be used as a schMax Delay in case it is set to -1.</p>		
pmDelayDistributionSpi05_3	ACCUMULATION	INTEGER	<p>Measurement to observe the distribution of the scheduling delay for scheduling priority class 05 on each subframe on those priority queue(s) selected for transmission. The scheduling delay is counted</p>	ME_NodeBFunction_HsDschResources.pmDelayDistributionSpi05_3	Sum

			as a percentage of schMax delay of each priority class and 3000 ms will be used as a schMax Delay in case it is set to -1.			
pmDelayDistributionSpi05_4	ACCUMULATION	INTEGER	Measurement to observe the distribution of the scheduling delay for scheduling priority class 05 on each subframe on those priority queue(s) selected for transmis	ME_NodeBFunction_HsDschResources.pmDelayDistributionSpi05_4	Sum	

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			<p>sion. The scheduling delay is counted as a percentage of schMax delay of each priority class and 3000 ms will be used as a schMax Delay in case it is set to -1.</p>		
pmDelayDistributionSpi05_5	ACCUMULATION	INTEGER	<p>Measurement to observe the distribution of the scheduling delay for scheduling priority class 05 on each subframe on those priority queue(s) selected for</p>	ME_NodeBFunction_HsDschResources.pmDelayDistributionSpi05_5	Sum

			transmission. The scheduling delay is counted as a percentage of schMax delay of each priority class and 3000 ms will be used as a schMax Delay in case it is set to -1.		
pmDelayDistributionSpi05_6	ACCUMULATION	INTEGER	Measurement to observe the distribution of the scheduling delay for scheduling priority class 05 on each subfram	ME_NodeBFunction_HsDschResources.pmDelayDistributionSpi05_6	Sum

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			<p>e on those priority queue(s) selected for transmission. The scheduling delay is counted as a percentage of schMax delay of each priority class and 3000 ms will be used as a schMax Delay in case it is set to -1.</p>		
pmDelayDistributionSpi05_7	ACCUMULATION	INTEGER	Measurement to observe the distribution of the scheduling delay for scheduling priority class 05 on each	ME_NodeBFunction_HsDschResources.pmDelayDistributionSpi05_7	Sum

			subframe on those priority queue(s) selected for transmission. The scheduling delay is counted as a percentage of schMax delay of each priority class and 3000 ms will be used as a schMax Delay in case it is set to -1.			
pmDelayDistributionSpi05_8	ACCUMULATION	INTEGER	Measurement to observe the distribution of the scheduling delay	ME_NodeBFunction_HsDschResources.pmDelayDistributionSpi05_8	Sum	

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			<p>for scheduling priority class 05 on each subframe on those priority queue(s) selected for transmission. The scheduling delay is counted as a percentage of schMax delay of each priority class and 3000 ms will be used as a schMax Delay in case it is set to -1.</p>			
pmDelayDistributionSpi05_9	ACCUMULATION	INTEGER	Measurement to observe the distribution of the scheduling	ME_NodeBFunction_HsDschResources.pmDelayDistributionSpi05_9	Sum	

			<p>ng delay for scheduling priority class 05 on each subframe on those priority queue(s) selected for transmission. The scheduling delay is counted as a percentage of schMax delay of each priority class and 3000 ms will be used as a schMax Delay in case it is set to -1.</p>		
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7.12.23CDMA_Channel.Ericsson.UMTS.PDF_pmDelayDistributionSpi06

pmDelayDistributionSpi06 PDF counters

KPI	Type	Data Type	Description	Derivation	Default Aggregator	Other Aggregators
pmDelayDistributionSpi06_0	ACCUMULATION	INTEGER	Measurement to observe the distribution of the scheduling delay for scheduling priority class 06 on each subframe on those priority queue(s) selected for transmission. The scheduling delay is counted as a percentage of schMax delay of each priority class and 3000 ms	ME_NodeBFunction_HsDschResources.pmDelayDistributionSpi06_0	Sum	

			will be used as a schMax Delay in case it is set to -1.			
pmDelayDistributionSpi06_10	ACCUMULATION	INTEGER	Measurement to observe the distribution of the scheduling delay for scheduling priority class 06 on each subframe on those priority queue(s) selected for transmission. The scheduling delay is counted as a percentage of schMax	ME_NodeBFunction_HsDschResources.pmDelayDistributionSpi06_10	Sum	

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			delay of each priority class and 3000 ms will be used as a schMax Delay in case it is set to -1.		
pmDelayDistributionSpi06_1	ACCUMULATION	INTEGER	Measurement to observe the distribution of the scheduling delay for scheduling priority class 06 on each subframe on those priority queue(s) selected for transmission. The scheduling delay is counted as a percentage of	ME_NodeBFunction_HsDschResources.pmDelayDistributionSpi06_1	Sum

			schMax delay of each priority class and 3000 ms will be used as a schMax Delay in case it is set to -1.		
pmDelayDistributionSpi06_2	ACCUMULATION	INTEGER	Measurement to observe the distribution of the scheduling delay for scheduling priority class 06 on each subframe on those priority queue(s) selected for transmission. The scheduling	ME_NodeBFunction_HsDschResources.pmDelayDistributionSpi06_2	Sum

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			<p>ng delay is counted as a percentage of schMax delay of each priority class and 3000 ms will be used as a schMax Delay in case it is set to -1.</p>		
pmDelayDistributionSpi06_3	ACCUMULATION	INTEGER	<p>Measurement to observe the distribution of the scheduling delay for scheduling priority class 06 on each subframe on those priority queue(s) selected for transmission. The</p>	ME_NodeBFunction_HsDschResources.pmDelayDistributionSpi06_3	Sum

			<p>scheduling delay is counted as a percentage of schMax delay of each priority class and 3000 ms will be used as a schMax Delay in case it is set to -1.</p>			
pmDelayDistributionSpi06_4	ACCUMULATION	INTEGER	<p>Measurement to observe the distribution of the scheduling delay for scheduling priority class 06 on each subframe on those priority</p>	ME_NodeBFunction_HsDschResources.pmDelayDistributionSpi06_4	Sum	

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			<p>queue(s) selected for transmission. The scheduling delay is counted as a percentage of schMax delay of each priority class and 3000 ms will be used as a schMax Delay in case it is set to -1.</p>		
pmDelayDistributionSpi06_5	ACCUMULATION	INTEGER	<p>Measurement to observe the distribution of the scheduling delay for scheduling priority class 06 on each subframe on those</p>	ME_NodeBFunction_HsDschResources.pmDelayDistributionSpi06_5	Sum

			priority queue(s) selected for transmission. The scheduling delay is counted as a percentage of schMax delay of each priority class and 3000 ms will be used as a schMax Delay in case it is set to -1.			
pmDelayDistributionSpi06_6	ACCUMULATION	INTEGER	Measurement to observe the distribution of the scheduling delay for scheduling	ME_NodeBFunction_HsDschResources.pmDelayDistributionSpi06_6	Sum	

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			<p>priority class 06 on each subframe on those priority queue(s) selected for transmission. The scheduling delay is counted as a percentage of schMax delay of each priority class and 3000 ms will be used as a schMax Delay in case it is set to -1.</p>			
pmDelayDistributionSpi06_7	ACCUMULATION	INTEGER	Measurement to observe the distribution of the scheduling delay for scheduling	ME_NodeBFunction_HsDschResources.pmDelayDistributionSpi06_7	Sum	

			<p>ng priority class 06 on each subfram e on those priority queue(s) selected for transmis sion. The scheduli ng delay is counted as a percenta ge of schMax delay of each priority class and 3000 ms will be used as a schMax Delay in case it is set to -1.</p>			
pmDelayDistribut ionSpi06_8	ACCUMUL ATION	INTE GER	Measure ment to observe the distribut	ME_NodeBFunction_HsDsch Resources.pmDelayDistributi onSpi06_8	Sum	

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			<p>ion of the scheduling delay for scheduling priority class 06 on each subframe on those priority queue(s) selected for transmission. The scheduling delay is counted as a percentage of schMax delay of each priority class and 3000 ms will be used as a schMax Delay in case it is set to -1.</p>			
pmDelayDistributionSpi06_9	ACCUMULATION	INTEGER	Measurement to observe the	ME_NodeBFunction_HsDschResources.pmDelayDistributionSpi06_9	Sum	

			<p>distribut ion of the scheduli ng delay for scheduli ng priority class 06 on each subfram e on those priority queue(s) selected for transmis sion. The scheduli ng delay is counted as a percenta ge of schMax delay of each priority class and 3000 ms will be used as a schMax Delay in case it is</p>		
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		set to -1.		
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7.12.24CDMA_Channel.Ericsson.UMTS.PDF_pmDelayDistributionSpi07

pmDelayDistributionSpi07 PDF counters

KPI	Type	Data Type	Description	Derivation	Default Aggregator	Other Aggregators
pmDelayDistributionSpi07_0	ACCUMULATION	INTEGER	Measurement to observe the distribution of the scheduling delay for scheduling priority class 07 on each subframe on those priority queue(s) selected for transmission. The scheduling delay is counted as a percentage of schMax delay of each	ME_NodeBFunction_HsDschResources.pmDelayDistributionSpi07_0	Sum	

			priority class and 3000 ms will be used as a schMax Delay in case it is set to -1.			
pmDelayDistributionSpi07_10	ACCUMULATION	INTEGER	Measurement to observe the distribution of the scheduling delay for scheduling priority class 07 on each subframe on those priority queue(s) selected for transmission. The scheduling delay is counted	ME_NodeBFunction_HsDschResources.pmDelayDistributionSpi07_10	Sum	

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			as a percentage of schMax delay of each priority class and 3000 ms will be used as a schMax Delay in case it is set to -1.		
pmDelayDistributionSpi07_1	ACCUMULATION	INTEGER	Measurement to observe the distribution of the scheduling delay for scheduling priority class 07 on each subframe on those priority queue(s) selected for transmission. The scheduling delay is	ME_NodeBFunction_HsDschResources.pmDelayDistributionSpi07_1	Sum

			counted as a percentage of schMax delay of each priority class and 3000 ms will be used as a schMax Delay in case it is set to -1.			
pmDelayDistributionSpi07_2	ACCUMULATION	INTEGER	Measurement to observe the distribution of the scheduling delay for scheduling priority class 07 on each subframe on those priority queue(s) selected for	ME_NodeBFunction_HsDschResources.pmDelayDistributionSpi07_2	Sum	

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			transmission. The scheduling delay is counted as a percentage of schMax delay of each priority class and 3000 ms will be used as a schMax Delay in case it is set to -1.		
pmDelayDistributionSpi07_3	ACCUMULATION	INTEGER	Measurement to observe the distribution of the scheduling delay for scheduling priority class 07 on each subframe on those priority queue(s) selected	ME_NodeBFunction_HsDschResources.pmDelayDistributionSpi07_3	Sum

			for transmission. The scheduling delay is counted as a percentage of schMax delay of each priority class and 3000 ms will be used as a schMax Delay in case it is set to -1.			
pmDelayDistributionSpi07_4	ACCUMULATION	INTEGER	Measurement to observe the distribution of the scheduling delay for scheduling priority class 07 on each	ME_NodeBFunction_HsDschResources.pmDelayDistributionSpi07_4	Sum	

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			subframe on those priority queue(s) selected for transmission. The scheduling delay is counted as a percentage of schMax delay of each priority class and 3000 ms will be used as a schMax Delay in case it is set to -1.			
pmDelayDistributionSpi07_5	ACCUMULATION	INTEGER	Measurement to observe the distribution of the scheduling delay for scheduling priority class 07	ME_NodeBFunction_HsDschResources.pmDelayDistributionSpi07_5	Sum	

			<p>on each subframe on those priority queue(s) selected for transmission. The scheduling delay is counted as a percentage of schMax delay of each priority class and 3000 ms will be used as a schMax Delay in case it is set to -1.</p>			
pmDelayDistributionSpi07_6	ACCUMULATION	INTEGER	Measurement to observe the distribution of the scheduling	ME_NodeBFunction_HsDschResources.pmDelayDistributionSpi07_6	Sum	

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			<p>ng delay for scheduling priority class 07 on each subframe on those priority queue(s) selected for transmission. The scheduling delay is counted as a percentage of schMax delay of each priority class and 3000 ms will be used as a schMax Delay in case it is set to -1.</p>		
pmDelayDistributionSpi07_7	ACCUMULATION	INTEGER	Measurement to observe the distribution of the	ME_NodeBFunction_HsDschResources.pmDelayDistributionSpi07_7	Sum

			<p>scheduling delay for scheduling priority class 07 on each subframe on those priority queue(s) selected for transmission. The scheduling delay is counted as a percentage of schMax delay of each priority class and 3000 ms will be used as a schMax Delay in case it is set to -1.</p>			
pmDelayDistribut	ACCUMUL	INTE	Measure	ME_NodeBFunction_HsDsch	Sum	

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ionSpi07_8	ACTION	GER	<p>ment to observe the distribution of the scheduling delay for scheduling priority class 07 on each subframe on those priority queue(s) selected for transmission. The scheduling delay is counted as a percentage of schMax delay of each priority class and 3000 ms will be used as a schMax Delay in case it is set to -1.</p>	Resources.pmDelayDistributionSpi07_8		
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pmDelayDistributionSpi07_9	ACCUMULATION	INTEGER	Measurement to observe the distribution of the scheduling delay for scheduling priority class 07 on each subframe on those priority queue(s) selected for transmission. The scheduling delay is counted as a percentage of schMax delay of each priority class and 3000 ms will be used as	ME_NodeBFunction_HsDschResources.pmDelayDistributionSpi07_9	Sum	
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			a schMax Delay in case it is set to -1.			
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7.12.25CDMA_Channel.Ericsson.UMTS.PDF_pmDelayDistributionSpi08

pmDelayDistributionSpi08 PDF counters

KPI	Type	Data Type	Description	Derivation	Default Aggregator	Other Aggregators
pmDelayDistributionSpi08_0	ACCUMULATION	INTEGER	Measurement to observe the distribution of the scheduling delay for scheduling priority class 08 on each subframe on those priority queue(s) selected for transmission. The scheduling delay is counted as a percenta	ME_NodeBFunction_HsDschResources.pmDelayDistributionSpi08_0	Sum	

			ge of schMax delay of each priority class and 3000 ms will be used as a schMax Delay in case it is set to -1.		
pmDelayDistributionSpi08_10	ACCUMULATION	INTEGER	Measurement to observe the distribution of the scheduling delay for scheduling priority class 08 on each subframe on those priority queue(s) selected for transmission. The	ME_NodeBFunction_HsDschResources.pmDelayDistributionSpi08_10	Sum

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			<p>scheduling delay is counted as a percentage of schMax delay of each priority class and 3000 ms will be used as a schMax Delay in case it is set to -1.</p>		
pmDelayDistributionSpi08_1	ACCUMULATION	INTEGER	<p>Measurement to observe the distribution of the scheduling delay for scheduling priority class 08 on each subframe on those priority queue(s) selected for transmission.</p>	ME_NodeBFunction_HsDschResources.pmDelayDistributionSpi08_1	Sum

			The scheduling delay is counted as a percentage of schMax delay of each priority class and 3000 ms will be used as a schMax Delay in case it is set to -1.			
pmDelayDistributionSpi08_2	ACCUMULATION	INTEGER	Measurement to observe the distribution of the scheduling delay for scheduling priority class 08 on each subframe on those	ME_NodeBFunction_HsDschResources.pmDelayDistributionSpi08_2	Sum	

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			<p>priority queue(s) selected for transmission. The scheduling delay is counted as a percentage of schMax delay of each priority class and 3000 ms will be used as a schMax Delay in case it is set to -1.</p>		
pmDelayDistributionSpi08_3	ACCUMULATION	INTEGER	Measurement to observe the distribution of the scheduling delay for scheduling priority class 08 on each subframe on	ME_NodeBFunction_HsDschResources.pmDelayDistributionSpi08_3	Sum

			those priority queue(s) selected for transmission. The scheduling delay is counted as a percentage of schMax delay of each priority class and 3000 ms will be used as a schMax Delay in case it is set to -1.		
pmDelayDistributionSpi08_4	ACCUMULATION	INTEGER	Measurement to observe the distribution of the scheduling delay for scheduling	ME_NodeBFunction_HsDschResources.pmDelayDistributionSpi08_4	Sum

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			<p>ng priority class 08 on each subfram e on those priority queue(s) selected for transmis sion. The scheduli ng delay is counted as a percenta ge of schMax delay of each priority class and 3000 ms will be used as a schMax Delay in case it is set to -1.</p>			
pmDelayDistribut ionSpi08_5	ACCUMUL ATION	INTE GER	Measure ment to observe the distribut ion of the scheduli ng delay for	ME_NodeBFunction_HsDsch Resources.pmDelayDistributi onSpi08_5	Sum	

			<p>scheduling priority class 08 on each subframe on those priority queue(s) selected for transmission. The scheduling delay is counted as a percentage of schMax delay of each priority class and 3000 ms will be used as a schMax Delay in case it is set to -1.</p>			
pmDelayDistributionSpi08_6	ACCUMULATION	INTEGER	Measurement to observe the	ME_NodeBFunction_HsDschResources.pmDelayDistributionSpi08_6	Sum	

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			<p>distribution of the scheduling delay for scheduling priority class 08 on each subframe on those priority queue(s) selected for transmission. The scheduling delay is counted as a percentage of schMax delay of each priority class and 3000 ms will be used as a schMax Delay in case it is set to -1.</p>			
pmDelayDistributionSpi08_7	ACCUMULATION	INTEGER	Measurement to observe	ME_NodeBFunction_HsDschResources.pmDelayDistributionSpi08_7	Sum	

		<p>the distribution of the scheduling delay for scheduling priority class 08 on each subframe on those priority queue(s) selected for transmission. The scheduling delay is counted as a percentage of schMax delay of each priority class and 3000 ms will be used as a schMax Delay in</p>		
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			case it is set to -1.		
pmDelayDistributionSpi08_8	ACCUMULATION	INTEGER	Measurement to observe the distribution of the scheduling delay for scheduling priority class 08 on each subframe on those priority queue(s) selected for transmission. The scheduling delay is counted as a percentage of schMax delay of each priority class and 3000 ms will be used as a schMax	ME_NodeBFunction_HsDschResources.pmDelayDistributionSpi08_8	Sum

			Delay in case it is set to -1.		
pmDelayDistributionSpi08_9	ACCUMULATION	INTEGER	Measurement to observe the distribution of the scheduling delay for scheduling priority class 08 on each subframe on those priority queue(s) selected for transmission. The scheduling delay is counted as a percentage of schMax delay of each priority class	ME_NodeBFunction_HsDschResources.pmDelayDistributionSpi08_9	Sum

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			and 3000 ms will be used as a schMax Delay in case it is set to -1.		
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7.12.26CDMA_Channel.Ericsson.UMTS.PDF_pmDelayDistributionSpi09

pmDelayDistributionSpi09 PDF counters

KPI	Type	Data Type	Description	Derivation	Default Aggregator	Other Aggregators
pmDelayDistributionSpi09_0	ACCUMULATION	INTEGER	Measurement to observe the distribution of the scheduling delay for scheduling priority class 09 on each subframe on those priority queue(s) selected for transmission. The scheduling delay	ME_NodeBFunction_HsDschResources.pmDelayDistributionSpi09_0	Sum	

			is counted as a percentage of schMax delay of each priority class and 3000 ms will be used as a schMax Delay in case it is set to -1.		
pmDelayDistributionSpi09_10	ACCUMULATION	INTEGER	Measurement to observe the distribution of the scheduling delay for scheduling priority class 09 on each subframe on those priority queue(s) selected	ME_NodeBFunction_HsDschResources.pmDelayDistributionSpi09_10	Sum

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			for transmission. The scheduling delay is counted as a percentage of schMax delay of each priority class and 3000 ms will be used as a schMax Delay in case it is set to -1.			
pmDelayDistributionSpi09_1	ACCUMULATION	INTEGER	Measurement to observe the distribution of the scheduling delay for scheduling priority class 09 on each subframe on those priority queue(s)	ME_NodeBFunction_HsDschResources.pmDelayDistributionSpi09_1	Sum	

			selected for transmission. The scheduling delay is counted as a percentage of schMax delay of each priority class and 3000 ms will be used as a schMax Delay in case it is set to -1.			
pmDelayDistributionSpi09_2	ACCUMULATION	INTEGER	Measurement to observe the distribution of the scheduling delay for scheduling priority class 09	ME_NodeBFunction_HsDschResources.pmDelayDistributionSpi09_2	Sum	

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			<p>on each subframe on those priority queue(s) selected for transmission. The scheduling delay is counted as a percentage of schMax delay of each priority class and 3000 ms will be used as a schMax Delay in case it is set to -1.</p>			
pmDelayDistributionSpi09_3	ACCUMULATION	INTEGER	Measurement to observe the distribution of the scheduling delay for scheduling priority	ME_NodeBFunction_HsDschResources.pmDelayDistributionSpi09_3	Sum	

			<p>class 09 on each subframe on those priority queue(s) selected for transmission. The scheduling delay is counted as a percentage of schMax delay of each priority class and 3000 ms will be used as a schMax Delay in case it is set to -1.</p>			
pmDelayDistributionSpi09_4	ACCUMULATION	INTEGER	Measurement to observe the distribution of the	ME_NodeBFunction_HsDschResources.pmDelayDistributionSpi09_4	Sum	

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			<p>scheduling delay for scheduling priority class 09 on each subframe on those priority queue(s) selected for transmission. The scheduling delay is counted as a percentage of schMax delay of each priority class and 3000 ms will be used as a schMax Delay in case it is set to -1.</p>		
pmDelayDistributionSpi09_5	ACCUMULATION	INTEGER	Measurement to observe the distribution of	ME_NodeBFunction_HsDschResources.pmDelayDistributionSpi09_5	Sum

		<p>the scheduling delay for scheduling priority class 09 on each subframe on those priority queue(s) selected for transmission. The scheduling delay is counted as a percentage of schMax delay of each priority class and 3000 ms will be used as a schMax Delay in case it is set to -1.</p>		
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pmDelayDistributionSpi09_6	ACCUMULATION	INTEGER	<p>Measurement to observe the distribution of the scheduling delay for scheduling priority class 09 on each subframe on those priority queue(s) selected for transmission. The scheduling delay is counted as a percentage of schMax delay of each priority class and 3000 ms will be used as a schMax Delay in case it is set to -1.</p>	ME_NodeBFunction_HsDschResources.pmDelayDistributionSpi09_6	Sum	
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pmDelayDistributionSpi09_7	ACCUMULATION	INTEGER	Measurement to observe the distribution of the scheduling delay for scheduling priority class 09 on each subframe on those priority queue(s) selected for transmission. The scheduling delay is counted as a percentage of schMax delay of each priority class and 3000 ms will be used as	ME_NodeBFunction_HsDschResources.pmDelayDistributionSpi09_7	Sum	
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			a schMax Delay in case it is set to -1.			
pmDelayDistribut ionSpi09_8	ACCUMUL ATION	INTE GER	Measure ment to observe the distribut ion of the scheduli ng delay for scheduli ng priority class 09 on each subfram e on those priority queue(s) selected for transmis sion. The scheduli ng delay is counted as a percenta ge of schMax delay of each priority class and 3000 ms will be	ME_NodeBFunction_HsDsch Resources.pmDelayDistributi onSpi09_8	Sum	

			used as a schMax Delay in case it is set to -1.			
pmDelayDistributionSpi09_9	ACCUMULATION	INTEGER	Measurement to observe the distribution of the scheduling delay for scheduling priority class 09 on each subframe on those priority queue(s) selected for transmission. The scheduling delay is counted as a percentage of schMax delay of	ME_NodeBFunction_HsDschResources.pmDelayDistributionSpi09_9	Sum	

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			each priority class and 3000 ms will be used as a schMax Delay in case it is set to -1.		
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7.12.27CDMA_Channel.Ericsson.UMTS.PDF_pmDelayDistributionSpi10

pmDelayDistributionSpi10 PDF counters

KPI	Type	Data Type	Description	Derivation	Default Aggregator	Other Aggregators
pmDelayDistributionSpi10_0	ACCUMULATION	INTEGER	Measurement to observe the distribution of the scheduling delay for scheduling priority class 10 on each subframe on those priority queue(s) selected for transmission.	ME_NodeBFunction_HsDschResources.pmDelayDistributionSpi10_0	Sum	

			The scheduling delay is counted as a percentage of schMax delay of each priority class and 3000 ms will be used as a schMax Delay in case it is set to -1.			
pmDelayDistributionSpi10_10	ACCUMULATION	INTEGER	Measurement to observe the distribution of the scheduling delay for scheduling priority class 10 on each subframe on those	ME_NodeBFunction_HsDschResources.pmDelayDistributionSpi10_10	Sum	

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			<p>priority queue(s) selected for transmission. The scheduling delay is counted as a percentage of schMax delay of each priority class and 3000 ms will be used as a schMax Delay in case it is set to -1.</p>			
pmDelayDistributionSpi10_1	ACCUMULATION	INTEGER	Measurement to observe the distribution of the scheduling delay for scheduling priority class 10 on each subframe on	ME_NodeBFunction_HsDschResources.pmDelayDistributionSpi10_1	Sum	

			those priority queue(s) selected for transmission. The scheduling delay is counted as a percentage of schMax delay of each priority class and 3000 ms will be used as a schMax Delay in case it is set to -1.		
pmDelayDistributionSpi10_2	ACCUMULATION	INTEGER	Measurement to observe the distribution of the scheduling delay for scheduling	ME_NodeBFunction_HsDschResources.pmDelayDistributionSpi10_2	Sum

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			<p>ng priority class 10 on each subfram e on those priority queue(s) selected for transmis sion. The scheduli ng delay is counted as a percenta ge of schMax delay of each priority class and 3000 ms will be used as a schMax Delay in case it is set to -1.</p>			
pmDelayDistribut ionSpi10_3	ACCUMUL ATION	INTE GER	Measure ment to observe the distribut ion of the scheduli ng delay for	ME_NodeBFunction_HsDsch Resources.pmDelayDistributi onSpi10_3	Sum	

			<p>scheduling priority class 10 on each subframe on those priority queue(s) selected for transmission. The scheduling delay is counted as a percentage of schMax delay of each priority class and 3000 ms will be used as a schMax Delay in case it is set to -1.</p>			
pmDelayDistributionSpi10_4	ACCUMULATION	INTEGER	Measurement to observe the	ME_NodeBFunction_HsDschResources.pmDelayDistributionSpi10_4	Sum	

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			<p>distribution of the scheduling delay for scheduling priority class 10 on each subframe on those priority queue(s) selected for transmission. The scheduling delay is counted as a percentage of schMax delay of each priority class and 3000 ms will be used as a schMax Delay in case it is set to -1.</p>			
pmDelayDistributionSpi10_5	ACCUMULATION	INTEGER	Measurement to observe	ME_NodeBFunction_HsDschResources.pmDelayDistributionSpi10_5	Sum	

		<p>the distribution of the scheduling delay for scheduling priority class 10 on each subframe on those priority queue(s) selected for transmission. The scheduling delay is counted as a percentage of schMax delay of each priority class and 3000 ms will be used as a schMax Delay in</p>		
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			case it is set to -1.		
pmDelayDistributionSpi10_6	ACCUMULATION	INTEGER	Measurement to observe the distribution of the scheduling delay for scheduling priority class 10 on each subframe on those priority queue(s) selected for transmission. The scheduling delay is counted as a percentage of schMax delay of each priority class and 3000 ms will be used as a schMax	ME_NodeBFunction_HsDschResources.pmDelayDistributionSpi10_6	Sum

			Delay in case it is set to -1.		
pmDelayDistributionSpi10_7	ACCUMULATION	INTEGER	Measurement to observe the distribution of the scheduling delay for scheduling priority class 10 on each subframe on those priority queue(s) selected for transmission. The scheduling delay is counted as a percentage of schMax delay of each priority class	ME_NodeBFunction_HsDschResources.pmDelayDistributionSpi10_7	Sum

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			and 3000 ms will be used as a schMax Delay in case it is set to -1.		
pmDelayDistributionSpi10_8	ACCUMULATION	INTEGER	Measurement to observe the distribution of the scheduling delay for scheduling priority class 10 on each subframe on those priority queue(s) selected for transmission. The scheduling delay is counted as a percentage of schMax delay of each priority	ME_NodeBFunction_HsDschResources.pmDelayDistributionSpi10_8	Sum

			class and 3000 ms will be used as a schMax Delay in case it is set to -1.			
pmDelayDistributionSpi10_9	ACCUMULATION	INTEGER	Measurement to observe the distribution of the scheduling delay for scheduling priority class 10 on each subframe on those priority queue(s) selected for transmission. The scheduling delay is counted as a	ME_NodeBFunction_HsDschResources.pmDelayDistributionSpi10_9	Sum	

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			percentage of schMax delay of each priority class and 3000 ms will be used as a schMax Delay in case it is set to -1.		
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7.12.28CDMA_Channel.Ericsson.UMTS.PDF_pmDelayDistributionSpi11

pmDelayDistributionSpi11 PDF counters

KPI	Type	Data Type	Description	Derivation	Default Aggregator	Other Aggregators
pmDelayDistributionSpi11_0	ACCUMULATION	INTEGER	Measurement to observe the distribution of the scheduling delay for scheduling priority class 11 on each subframe on those priority queue(s)	ME_NodeBFunction_HsDschResources.pmDelayDistributionSpi11_0	Sum	

			selected for transmission. The scheduling delay is counted as a percentage of schMax delay of each priority class and 3000 ms will be used as a schMax Delay in case it is set to -1.			
pmDelayDistributionSpi11_10	ACCUMULATION	INTEGER	Measurement to observe the distribution of the scheduling delay for scheduling priority class 11	ME_NodeBFunction_HsDschResources.pmDelayDistributionSpi11_10	Sum	

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			<p>on each subframe on those priority queue(s) selected for transmission. The scheduling delay is counted as a percentage of schMax delay of each priority class and 3000 ms will be used as a schMax Delay in case it is set to -1.</p>			
pmDelayDistributionSpi11_1	ACCUMULATION	INTEGER	Measurement to observe the distribution of the scheduling delay for scheduling priority	ME_NodeBFunction_HsDschResources.pmDelayDistributionSpi11_1	Sum	

			<p>class 11 on each subframe on those priority queue(s) selected for transmission. The scheduling delay is counted as a percentage of schMax delay of each priority class and 3000 ms will be used as a schMax Delay in case it is set to -1.</p>			
pmDelayDistributionSpi11_2	ACCUMULATION	INTEGER	Measurement to observe the distribution of the	ME_NodeBFunction_HsDschResources.pmDelayDistributionSpi11_2	Sum	

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			<p>scheduling delay for scheduling priority class 11 on each subframe on those priority queue(s) selected for transmission. The scheduling delay is counted as a percentage of schMax delay of each priority class and 3000 ms will be used as a schMax Delay in case it is set to -1.</p>			
pmDelayDistributionSpi11_3	ACCUMULATION	INTEGER	Measurement to observe the distribution of	ME_NodeBFunction_HsDschResources.pmDelayDistributionSpi11_3	Sum	

		<p>the scheduling delay for scheduling priority class 11 on each subframe on those priority queue(s) selected for transmission. The scheduling delay is counted as a percentage of schMax delay of each priority class and 3000 ms will be used as a schMax Delay in case it is set to -1.</p>		
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pmDelayDistributionSpi11_4	ACCUMULATION	INTEGER	<p>Measurement to observe the distribution of the scheduling delay for scheduling priority class 11 on each subframe on those priority queue(s) selected for transmission. The scheduling delay is counted as a percentage of schMax delay of each priority class and 3000 ms will be used as a schMax Delay in case it is set to -1.</p>	ME_NodeBFunction_HsDschResources.pmDelayDistributionSpi11_4	Sum	
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pmDelayDistributionSpi11_5	ACCUMULATION	INTEGER	Measurement to observe the distribution of the scheduling delay for scheduling priority class 11 on each subframe on those priority queue(s) selected for transmission. The scheduling delay is counted as a percentage of schMax delay of each priority class and 3000 ms will be used as	ME_NodeBFunction_HsDschResources.pmDelayDistributionSpi11_5	Sum	
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			a schMax Delay in case it is set to -1.			
pmDelayDistribut ionSpi11_6	ACCUMUL ATION	INTE GER	Measure ment to observe the distribut ion of the scheduli ng delay for scheduli ng priority class 11 on each subfram e on those priority queue(s) selected for transmis sion. The scheduli ng delay is counted as a percenta ge of schMax delay of each priority class and 3000 ms will be	ME_NodeBFunction_HsDsch Resources.pmDelayDistributi onSpi11_6	Sum	

			used as a schMax Delay in case it is set to -1.			
pmDelayDistributionSpi11_7	ACCUMULATION	INTEGER	Measurement to observe the distribution of the scheduling delay for scheduling priority class 11 on each subframe on those priority queue(s) selected for transmission. The scheduling delay is counted as a percentage of schMax delay of	ME_NodeBFunction_HsDschResources.pmDelayDistributionSpi11_7	Sum	

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			each priority class and 3000 ms will be used as a schMax Delay in case it is set to -1.		
pmDelayDistributionSpi11_8	ACCUMULATION	INTEGER	Measurement to observe the distribution of the scheduling delay for scheduling priority class 11 on each subframe on those priority queue(s) selected for transmission. The scheduling delay is counted as a percentage of schMax	ME_NodeBFunction_HsDschResources.pmDelayDistributionSpi11_8	Sum

			delay of each priority class and 3000 ms will be used as a schMax Delay in case it is set to -1.			
pmDelayDistributionSpi11_9	ACCUMULATION	INTEGER	Measurement to observe the distribution of the scheduling delay for scheduling priority class 11 on each subframe on those priority queue(s) selected for transmission. The scheduling delay	ME_NodeBFunction_HsDschResources.pmDelayDistributionSpi11_9	Sum	

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			is counted as a percentage of schMax delay of each priority class and 3000 ms will be used as a schMax Delay in case it is set to -1.		
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7.12.29CDMA_Channel.Ericsson.UMTS.PDF_pmDelayDistributionSpi12

pmDelayDistributionSpi12 PDF counters

KPI	Type	Data Type	Description	Derivation	Default Aggregator	Other Aggregators
pmDelayDistributionSpi12_0	ACCUMULATION	INTEGER	Measurement to observe the distribution of the scheduling delay for scheduling priority class 12 on each subframe on	ME_NodeBFunction_HsDschResources.pmDelayDistributionSpi12_0	Sum	

			those priority queue(s) selected for transmission. The scheduling delay is counted as a percentage of schMax delay of each priority class and 3000 ms will be used as a schMax Delay in case it is set to -1.		
pmDelayDistributionSpi12_10	ACCUMULATION	INTEGER	Measurement to observe the distribution of the scheduling delay for scheduling	ME_NodeBFunction_HsDschResources.pmDelayDistributionSpi12_10	Sum

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			<p>ng priority class 12 on each subfram e on those priority queue(s) selected for transmis sion. The scheduli ng delay is counted as a percenta ge of schMax delay of each priority class and 3000 ms will be used as a schMax Delay in case it is set to -1.</p>			
pmDelayDistribut ionSpi12_1	ACCUMUL ATION	INTE GER	Measure ment to observe the distribut ion of the scheduli ng delay for	ME_NodeBFunction_HsDsch Resources.pmDelayDistributi onSpi12_1	Sum	

			<p>scheduling priority class 12 on each subframe on those priority queue(s) selected for transmission. The scheduling delay is counted as a percentage of schMax delay of each priority class and 3000 ms will be used as a schMax Delay in case it is set to -1.</p>			
pmDelayDistributionSpi12_2	ACCUMULATION	INTEGER	Measurement to observe the	ME_NodeBFunction_HsDschResources.pmDelayDistributionSpi12_2	Sum	

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			<p>distribution of the scheduling delay for scheduling priority class 12 on each subframe on those priority queue(s) selected for transmission. The scheduling delay is counted as a percentage of schMax delay of each priority class and 3000 ms will be used as a schMax Delay in case it is set to -1.</p>			
pmDelayDistributionSpi12_3	ACCUMULATION	INTEGER	Measurement to observe	ME_NodeBFunction_HsDschResources.pmDelayDistributionSpi12_3	Sum	

		<p>the distribution of the scheduling delay for scheduling priority class 12 on each subframe on those priority queue(s) selected for transmission. The scheduling delay is counted as a percentage of schMax delay of each priority class and 3000 ms will be used as a schMax Delay in</p>		
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			case it is set to -1.		
pmDelayDistributionSpi12_4	ACCUMULATION	INTEGER	Measurement to observe the distribution of the scheduling delay for scheduling priority class 12 on each subframe on those priority queue(s) selected for transmission. The scheduling delay is counted as a percentage of schMax delay of each priority class and 3000 ms will be used as a schMax	ME_NodeBFunction_HsDschResources.pmDelayDistributionSpi12_4	Sum

			Delay in case it is set to -1.		
pmDelayDistributionSpi12_5	ACCUMULATION	INTEGER	Measurement to observe the distribution of the scheduling delay for scheduling priority class 12 on each subframe on those priority queue(s) selected for transmission. The scheduling delay is counted as a percentage of schMax delay of each priority class	ME_NodeBFunction_HsDschResources.pmDelayDistributionSpi12_5	Sum

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			and 3000 ms will be used as a schMax Delay in case it is set to -1.		
pmDelayDistributionSpi12_6	ACCUMULATION	INTEGER	Measurement to observe the distribution of the scheduling delay for scheduling priority class 12 on each subframe on those priority queue(s) selected for transmission. The scheduling delay is counted as a percentage of schMax delay of each priority	ME_NodeBFunction_HsDschResources.pmDelayDistributionSpi12_6	Sum

			class and 3000 ms will be used as a schMax Delay in case it is set to -1.			
pmDelayDistributionSpi12_7	ACCUMULATION	INTEGER	Measurement to observe the distribution of the scheduling delay for scheduling priority class 12 on each subframe on those priority queue(s) selected for transmission. The scheduling delay is counted as a	ME_NodeBFunction_HsDschResources.pmDelayDistributionSpi12_7	Sum	

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			percentage of schMax delay of each priority class and 3000 ms will be used as a schMax Delay in case it is set to -1.			
pmDelayDistributionSpi12_8	ACCUMULATION	INTEGER	Measurement to observe the distribution of the scheduling delay for scheduling priority class 12 on each subframe on those priority queue(s) selected for transmission. The scheduling delay is counted	ME_NodeBFunction_HsDschResources.pmDelayDistributionSpi12_8	Sum	

			as a percentage of schMax delay of each priority class and 3000 ms will be used as a schMax Delay in case it is set to -1.			
pmDelayDistributionSpi12_9	ACCUMULATION	INTEGER	Measurement to observe the distribution of the scheduling delay for scheduling priority class 12 on each subframe on those priority queue(s) selected for transmis	ME_NodeBFunction_HsDschResources.pmDelayDistributionSpi12_9	Sum	

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			<p>sion. The scheduling delay is counted as a percentage of schMax delay of each priority class and 3000 ms will be used as a schMax Delay in case it is set to -1.</p>		
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7.12.30CDMA_Channel.Ericsson.UMTS.PDF_pmDelayDistributionSpi13

pmDelayDistributionSpi13 PDF counters

KPI	Type	Data Type	Description	Derivation	Default Aggregator	Other Aggregators
pmDelayDistributionSpi13_0	ACCUMULATION	INTEGER	Measurement to observe the distribution of the scheduling delay for scheduling priority	ME_NodeBFunction_HsDschResources.pmDelayDistributionSpi13_0	Sum	

			<p>class 13 on each subframe on those priority queue(s) selected for transmission. The scheduling delay is counted as a percentage of schMax delay of each priority class and 3000 ms will be used as a schMax Delay in case it is set to -1.</p>			
pmDelayDistributionSpi13_10	ACCUMULATION	INTEGER	Measurement to observe the distribution of the	ME_NodeBFunction_HsDschResources.pmDelayDistributionSpi13_10	Sum	

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			<p>scheduling delay for scheduling priority class 13 on each subframe on those priority queue(s) selected for transmission. The scheduling delay is counted as a percentage of schMax delay of each priority class and 3000 ms will be used as a schMax Delay in case it is set to -1.</p>		
pmDelayDistributionSpi13_1	ACCUMULATION	INTEGER	Measurement to observe the distribution of	ME_NodeBFunction_HsDschResources.pmDelayDistributionSpi13_1	Sum

		<p>the scheduling delay for scheduling priority class 13 on each subframe on those priority queue(s) selected for transmission. The scheduling delay is counted as a percentage of schMax delay of each priority class and 3000 ms will be used as a schMax Delay in case it is set to -1.</p>		
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pmDelayDistributionSpi13_2	ACCUMULATION	INTEGER	<p>Measurement to observe the distribution of the scheduling delay for scheduling priority class 13 on each subframe on those priority queue(s) selected for transmission. The scheduling delay is counted as a percentage of schMax delay of each priority class and 3000 ms will be used as a schMax Delay in case it is set to -1.</p>	ME_NodeBFunction_HsDschResources.pmDelayDistributionSpi13_2	Sum	
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pmDelayDistributionSpi13_3	ACCUMULATION	INTEGER	Measurement to observe the distribution of the scheduling delay for scheduling priority class 13 on each subframe on those priority queue(s) selected for transmission. The scheduling delay is counted as a percentage of schMax delay of each priority class and 3000 ms will be used as	ME_NodeBFunction_HsDschResources.pmDelayDistributionSpi13_3	Sum	
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			a schMax Delay in case it is set to -1.			
pmDelayDistribut ionSpi13_4	ACCUMUL ATION	INTE GER	Measure ment to observe the distribut ion of the scheduli ng delay for scheduli ng priority class 13 on each subfram e on those priority queue(s) selected for transmis sion. The scheduli ng delay is counted as a percenta ge of schMax delay of each priority class and 3000 ms will be	ME_NodeBFunction_HsDsch Resources.pmDelayDistributi onSpi13_4	Sum	

			used as a schMax Delay in case it is set to -1.			
pmDelayDistributionSpi13_5	ACCUMULATION	INTEGER	Measurement to observe the distribution of the scheduling delay for scheduling priority class 13 on each subframe on those priority queue(s) selected for transmission. The scheduling delay is counted as a percentage of schMax delay of	ME_NodeBFunction_HsDschResources.pmDelayDistributionSpi13_5	Sum	

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			each priority class and 3000 ms will be used as a schMax Delay in case it is set to -1.		
pmDelayDistributionSpi13_6	ACCUMULATION	INTEGER	Measurement to observe the distribution of the scheduling delay for scheduling priority class 13 on each subframe on those priority queue(s) selected for transmission. The scheduling delay is counted as a percentage of schMax	ME_NodeBFunction_HsDschResources.pmDelayDistributionSpi13_6	Sum

			delay of each priority class and 3000 ms will be used as a schMax Delay in case it is set to -1.		
pmDelayDistributionSpi13_7	ACCUMULATION	INTEGER	Measurement to observe the distribution of the scheduling delay for scheduling priority class 13 on each subframe on those priority queue(s) selected for transmission. The scheduling delay	ME_NodeBFunction_HsDschResources.pmDelayDistributionSpi13_7	Sum

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			is counted as a percentage of schMax delay of each priority class and 3000 ms will be used as a schMax Delay in case it is set to -1.		
pmDelayDistributionSpi13_8	ACCUMULATION	INTEGER	Measurement to observe the distribution of the scheduling delay for scheduling priority class 13 on each subframe on those priority queue(s) selected for transmission. The scheduling	ME_NodeBFunction_HsDschResources.pmDelayDistributionSpi13_8	Sum

			ng delay is counted as a percentage of schMax delay of each priority class and 3000 ms will be used as a schMax Delay in case it is set to -1.			
pmDelayDistributionSpi13_9	ACCUMULATION	INTEGER	Measurement to observe the distribution of the scheduling delay for scheduling priority class 13 on each subframe on those priority queue(s)	ME_NodeBFunction_HsDschResources.pmDelayDistributionSpi13_9	Sum	

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			selected for transmission. The scheduling delay is counted as a percentage of schMax delay of each priority class and 3000 ms will be used as a schMax Delay in case it is set to -1.		
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7.12.31CDMA_Channel.Ericsson.UMTS.PDF_pmDelayDistributionSpi14

pmDelayDistributionSpi14 PDF counters

KPI	Type	Data Type	Description	Derivation	Default Aggregator	Other Aggregators
pmDelayDistributionSpi14_0	ACCUMULATION	INTEGER	Measurement to observe the distribution of the scheduling delay for	ME_NodeBFunction_HsDschResources.pmDelayDistributionSpi14_0	Sum	

			<p>scheduling priority class 14 on each subframe on those priority queue(s) selected for transmission. The scheduling delay is counted as a percentage of schMax delay of each priority class and 3000 ms will be used as a schMax Delay in case it is set to -1.</p>			
pmDelayDistributionSpi14_10	ACCUMULATION	INTEGER	Measurement to observe the	ME_NodeBFunction_HsDschResources.pmDelayDistributionSpi14_10	Sum	

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			<p>distribution of the scheduling delay for scheduling priority class 14 on each subframe on those priority queue(s) selected for transmission. The scheduling delay is counted as a percentage of schMax delay of each priority class and 3000 ms will be used as a schMax Delay in case it is set to -1.</p>			
pmDelayDistributionSpi14_1	ACCUMULATION	INTEGER	Measurement to observe	ME_NodeBFunction_HsDschResources.pmDelayDistributionSpi14_1	Sum	

			the distribution of the scheduling delay for scheduling priority class 14 on each subframe on those priority queue(s) selected for transmission. The scheduling delay is counted as a percentage of schMax delay of each priority class and 3000 ms will be used as a schMax Delay in		
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			case it is set to -1.		
pmDelayDistributionSpi14_2	ACCUMULATION	INTEGER	Measurement to observe the distribution of the scheduling delay for scheduling priority class 14 on each subframe on those priority queue(s) selected for transmission. The scheduling delay is counted as a percentage of schMax delay of each priority class and 3000 ms will be used as a schMax	ME_NodeBFunction_HsDschResources.pmDelayDistributionSpi14_2	Sum

			Delay in case it is set to -1.		
pmDelayDistributionSpi14_3	ACCUMULATION	INTEGER	Measurement to observe the distribution of the scheduling delay for scheduling priority class 14 on each subframe on those priority queue(s) selected for transmission. The scheduling delay is counted as a percentage of schMax delay of each priority class	ME_NodeBFunction_HsDschResources.pmDelayDistributionSpi14_3	Sum

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			and 3000 ms will be used as a schMax Delay in case it is set to -1.		
pmDelayDistributionSpi14_4	ACCUMULATION	INTEGER	Measurement to observe the distribution of the scheduling delay for scheduling priority class 14 on each subframe on those priority queue(s) selected for transmission. The scheduling delay is counted as a percentage of schMax delay of each priority	ME_NodeBFunction_HsDschResources.pmDelayDistributionSpi14_4	Sum

			class and 3000 ms will be used as a schMax Delay in case it is set to -1.			
pmDelayDistributionSpi14_5	ACCUMULATION	INTEGER	Measurement to observe the distribution of the scheduling delay for scheduling priority class 14 on each subframe on those priority queue(s) selected for transmission. The scheduling delay is counted as a	ME_NodeBFunction_HsDschResources.pmDelayDistributionSpi14_5	Sum	

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			<p>percentage of schMax delay of each priority class and 3000 ms will be used as a schMax Delay in case it is set to -1.</p>		
pmDelayDistributionSpi14_6	ACCUMULATION	INTEGER	<p>Measurement to observe the distribution of the scheduling delay for scheduling priority class 14 on each subframe on those priority queue(s) selected for transmission. The scheduling delay is counted</p>	ME_NodeBFunction_HsDschResources.pmDelayDistributionSpi14_6	Sum

			as a percentage of schMax delay of each priority class and 3000 ms will be used as a schMax Delay in case it is set to -1.			
pmDelayDistributionSpi14_7	ACCUMULATION	INTEGER	Measurement to observe the distribution of the scheduling delay for scheduling priority class 14 on each subframe on those priority queue(s) selected for transmis	ME_NodeBFunction_HsDschResources.pmDelayDistributionSpi14_7	Sum	

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			<p>sion. The scheduling delay is counted as a percentage of schMax delay of each priority class and 3000 ms will be used as a schMax Delay in case it is set to -1.</p>		
pmDelayDistributionSpi14_8	ACCUMULATION	INTEGER	<p>Measurement to observe the distribution of the scheduling delay for scheduling priority class 14 on each subframe on those priority queue(s) selected for</p>	ME_NodeBFunction_HsDschResources.pmDelayDistributionSpi14_8	Sum

			transmission. The scheduling delay is counted as a percentage of schMax delay of each priority class and 3000 ms will be used as a schMax Delay in case it is set to -1.		
pmDelayDistributionSpi14_9	ACCUMULATION	INTEGER	Measurement to observe the distribution of the scheduling delay for scheduling priority class 14 on each subfram	ME_NodeBFunction_HsDschResources.pmDelayDistributionSpi14_9	Sum

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			<p>e on those priority queue(s) selected for transmission. The scheduling delay is counted as a percentage of schMax delay of each priority class and 3000 ms will be used as a schMax Delay in case it is set to -1.</p>		
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7.12.32CDMA_Channel.Ericsson.UMTS.PDF_pmDelayDistributionSpi15

pmDelayDistributionSpi15 PDF counters

KPI	Type	Data Type	Description	Derivation	Default Aggregator	Other Aggregators
pmDelayDistributionSpi15_0	ACCUMULATION	INTEGER	Measurement to observe the distribution of	ME_NodeBFunction_HsDschResources.pmDelayDistributionSpi15_0	Sum	

		<p>the scheduling delay for scheduling priority class 15 on each subframe on those priority queue(s) selected for transmission. The scheduling delay is counted as a percentage of schMax delay of each priority class and 3000 ms will be used as a schMax Delay in case it is set to -1.</p>		
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pmDelayDistributionSpi15_10	ACCUMULATION	INTEGER	<p>Measurement to observe the distribution of the scheduling delay for scheduling priority class 15 on each subframe on those priority queue(s) selected for transmission. The scheduling delay is counted as a percentage of schMax delay of each priority class and 3000 ms will be used as a schMax Delay in case it is set to -1.</p>	ME_NodeBFunction_HsDschResources.pmDelayDistributionSpi15_10	Sum	
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pmDelayDistributionSpi15_1	ACCUMULATION	INTEGER	Measurement to observe the distribution of the scheduling delay for scheduling priority class 15 on each subframe on those priority queue(s) selected for transmission. The scheduling delay is counted as a percentage of schMax delay of each priority class and 3000 ms will be used as	ME_NodeBFunction_HsDschResources.pmDelayDistributionSpi15_1	Sum	
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			a schMax Delay in case it is set to -1.			
pmDelayDistribut ionSpi15_2	ACCUMUL ATION	INTE GER	Measure ment to observe the distribut ion of the scheduli ng delay for scheduli ng priority class 15 on each subfram e on those priority queue(s) selected for transmis sion. The scheduli ng delay is counted as a percenta ge of schMax delay of each priority class and 3000 ms will be	ME_NodeBFunction_HsDsch Resources.pmDelayDistributi onSpi15_2	Sum	

			used as a schMax Delay in case it is set to -1.			
pmDelayDistributionSpi15_3	ACCUMULATION	INTEGER	Measurement to observe the distribution of the scheduling delay for scheduling priority class 15 on each subframe on those priority queue(s) selected for transmission. The scheduling delay is counted as a percentage of schMax delay of	ME_NodeBFunction_HsDschResources.pmDelayDistributionSpi15_3	Sum	

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			each priority class and 3000 ms will be used as a schMax Delay in case it is set to -1.		
pmDelayDistributionSpi15_4	ACCUMULATION	INTEGER	Measurement to observe the distribution of the scheduling delay for scheduling priority class 15 on each subframe on those priority queue(s) selected for transmission. The scheduling delay is counted as a percentage of schMax	ME_NodeBFunction_HsDschResources.pmDelayDistributionSpi15_4	Sum

			delay of each priority class and 3000 ms will be used as a schMax Delay in case it is set to -1.			
pmDelayDistributionSpi15_5	ACCUMULATION	INTEGER	Measurement to observe the distribution of the scheduling delay for scheduling priority class 15 on each subframe on those priority queue(s) selected for transmission. The scheduling delay	ME_NodeBFunction_HsDschResources.pmDelayDistributionSpi15_5	Sum	

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			is counted as a percentage of schMax delay of each priority class and 3000 ms will be used as a schMax Delay in case it is set to -1.		
pmDelayDistributionSpi15_6	ACCUMULATION	INTEGER	Measurement to observe the distribution of the scheduling delay for scheduling priority class 15 on each subframe on those priority queue(s) selected for transmission. The scheduling	ME_NodeBFunction_HsDschResources.pmDelayDistributionSpi15_6	Sum

			ng delay is counted as a percentage of schMax delay of each priority class and 3000 ms will be used as a schMax Delay in case it is set to -1.			
pmDelayDistributionSpi15_7	ACCUMULATION	INTEGER	Measurement to observe the distribution of the scheduling delay for scheduling priority class 15 on each subframe on those priority queue(s)	ME_NodeBFunction_HsDschResources.pmDelayDistributionSpi15_7	Sum	

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			<p>selected for transmission. The scheduling delay is counted as a percentage of schMax delay of each priority class and 3000 ms will be used as a schMax Delay in case it is set to -1.</p>		
pmDelayDistributionSpi15_8	ACCUMULATION	INTEGER	<p>Measurement to observe the distribution of the scheduling delay for scheduling priority class 15 on each subframe on those priority</p>	ME_NodeBFunction_HsDschResources.pmDelayDistributionSpi15_8	Sum

			<p>queue(s) selected for transmission. The scheduling delay is counted as a percentage of schMax delay of each priority class and 3000 ms will be used as a schMax Delay in case it is set to -1.</p>			
pmDelayDistributionSpi15_9	ACCUMULATION	INTEGER	Measurement to observe the distribution of the scheduling delay for scheduling priority	ME_NodeBFunction_HsDschResources.pmDelayDistributionSpi15_9	Sum	

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			<p>class 15 on each subframe on those priority queue(s) selected for transmission. The scheduling delay is counted as a percentage of schMax delay of each priority class and 3000 ms will be used as a schMax Delay in case it is set to -1.</p>		
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7.12.33CDMA_Channel.Ericsson.UMTS.PDF_pmLEDchTot

pmLEDchTot PDF counters

KPI	Type	Data Type	Description	Derivation	Default Aggregator	Other Aggregators
pmLEDchTot_0	ACCUMULATION	INTEGER	Counter for the Scheduled E-DCH Uu	ME_NodeBFunction_Sector_Carrier_EDchResources.pmLEDchTot_0	Sum	

			<p>load estimate in a cell. Includes component from E-DPDCH, E-DPCCH for E-DCH users in the cell. The sampled value is a load factor and is unitless with range 0..1. Where 0 means no load and 1 is infinite load. Note it does not include the load components of DPCCH and HS-DPCCH for E-DCH users.</p>		
pmLEDchTot_10	ACCUMULATION	INTEGER	<p>Counter for the Scheduled E-DCH Uu load estimate in a cell. Includes component from E-DPDCH, E-DPCCH for E-DCH users</p>	ME_NodeBFunction_Sector_Carrier_EDchResources.pmLEDchTot_10	Sum

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			<p>in the cell. The sampled value is a load factor and is unitless with range 0..1. Where 0 means no load and 1 is infinite load. Note it does not include the load components of DPCCH and HS-DPCCH for E-DCH users.</p>		
pmLEDchTot_11	ACCUMULATION	INTEGER	<p>Counter for the Scheduled E-DCH Uu load estimate in a cell. Includes component from E-DPDCH, E-DPCCH for E-DCH users in the cell. The sampled value is a load factor and is unitless with range 0..1. Where 0 means no load and 1 is infinite load. Note it does not include</p>	ME_NodeBFunction_Sector_Carrier_EDchResources.pmLEDchTot_11	Sum

			the load components of DPCCH and HS-DPCCH for E-DCH users.			
pmLEDchTot_12	ACCUMULATION	INTEGER	Counter for the Scheduled E-DCH Uu load estimate in a cell. Includes component from E-DPDCH, E-DPCCH for E-DCH users in the cell. The sampled value is a load factor and is unitless with range 0..1. Where 0 means no load and 1 is infinite load. Note it does not include the load components of DPCCH and HS-DPCCH for E-DCH users.	ME_NodeBFunction_Sector_Carrier_EDchResources.pmLEDchTot_12	Sum	
pmLEDchTot	ACCUMULATION	INTEGER	Counter for	ME_NodeBFunction_S	Sum	

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_13	TION	ER	<p>the Scheduled E-DCH Uu load estimate in a cell. Includes component from E-DPDCH, E-DPCCH for E-DCH users in the cell. The sampled value is a load factor and is unitless with range 0..1. Where 0 means no load and 1 is infinite load. Note it does not include the load components of DPCCH and HS-DPCCH for E-DCH users.</p>	ector_Carrier_EDchResources.pmLEDchTot_13		
pmLEDchTot_14	ACCUMULATION	INTEGER	<p>Counter for the Scheduled E-DCH Uu load estimate in a cell. Includes component from E-DPDCH, E-DPCCH for E-DCH users in the cell. The sampled</p>	ME_NodeBFunction_Sector_Carrier_EDchResources.pmLEDchTot_14	Sum	

			value is a load factor and is unitless with range 0..1. Where 0 means no load and 1 is infinite load. Note it does not include the load components of DPCCH and HS-DPCCH for E-DCH users.		
pmLEDchTot_15	ACCUMULATION	INTEGER	Counter for the Scheduled E-DCH Uu load estimate in a cell. Includes component from E-DPDCH, E-DPCCH for E-DCH users in the cell. The sampled value is a load factor and is unitless with range 0..1. Where 0 means no load and 1 is	ME_NodeBFunction_Sector_Carrier_EDchResources.pmLEDchTot_15	Sum

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			infinite load. Note it does not include the load components of DPCCH and HS-DPCCH for E-DCH users.		
pmLEDchTot_16	ACCUMULATION	INTEGER	Counter for the Scheduled E-DCH Uu load estimate in a cell. Includes component from E-DPDCH, E-DPCCH for E-DCH users in the cell. The sampled value is a load factor and is unitless with range 0..1. Where 0 means no load and 1 is infinite load. Note it does not include the load components of DPCCH and HS-DPCCH for E-DCH users.	ME_NodeBFunction_Sector_Carrier_EDchResources.pmLEDchTot_16	Sum
pmLEDchTot_17	ACCUMULATION	INTEGER	Counter for the Scheduled E-	ME_NodeBFunction_Sector_Carrier_EDchResources.pmLEDchTot_1	Sum

			<p>DCH Uu load estimate in a cell. Includes component from E-DPDCH, E-DPCCH for E-DCH users in the cell. The sampled value is a load factor and is unitless with range 0..1. Where 0 means no load and 1 is infinite load. Note it does not include the load components of DPCCH and HS-DPCCH for E-DCH users.</p>			
pmLEDchTot_18	ACCUMULATION	INTEGRER	<p>Counter for the Scheduled E-DCH Uu load estimate in a cell. Includes component from E-DPDCH, E-DPCCH for</p>	ME_NodeBFunction_Sector_Carrier_EDchResources.pmLEDchTot_18	Sum	

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			<p>E-DCH users in the cell. The sampled value is a load factor and is unitless with range 0..1. Where 0 means no load and 1 is infinite load. Note it does not include the load components of DPCCH and HS-DPCCH for E-DCH users.</p>		
pmLEDchTot_19	ACCUMULATION	INTEGRER	<p>Counter for the Scheduled E-DCH Uu load estimate in a cell. Includes component from E-DPDCH, E-DPCCH for E-DCH users in the cell. The sampled value is a load factor and is unitless with range 0..1. Where 0 means no load and 1 is infinite load. Note it does</p>	ME_NodeBFunction_Sector_Carrier_EDchResources.pmLEDchTot_19	Sum

			not include the load components of DPCCH and HS-DPCCH for E-DCH users.		
pmLEDchTot_1	ACCUMULATION	INTEGER	Counter for the Scheduled E-DCH Uu load estimate in a cell. Includes component from E-DPDCH, E-DPCCH for E-DCH users in the cell. The sampled value is a load factor and is unitless with range 0..1. Where 0 means no load and 1 is infinite load. Note it does not include the load components of DPCCH and HS-DPCCH for E-DCH users.	ME_NodeBFunction_Sector_Carrier_EDchResources.pmLEDchTot_1	Sum

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pmLEDchTot_20	ACCUMULATION	INTEGER	<p>Counter for the Scheduled E-DCH Uu load estimate in a cell. Includes component from E-DPDCH, E-DPCCH for E-DCH users in the cell. The sampled value is a load factor and is unitless with range 0..1. Where 0 means no load and 1 is infinite load. Note it does not include the load components of DPCCH and HS-DPCCH for E-DCH users.</p>	ME_NodeBFunction_Sector_Carrier_EDchResources.pmLEDchTot_20	Sum	
pmLEDchTot_21	ACCUMULATION	INTEGER	<p>Counter for the Scheduled E-DCH Uu load estimate in a cell. Includes component from E-DPDCH, E-DPCCH for E-DCH users in the cell.</p>	ME_NodeBFunction_Sector_Carrier_EDchResources.pmLEDchTot_21	Sum	

			<p>The sampled value is a load factor and is unitless with range 0..1. Where 0 means no load and 1 is infinite load. Note it does not include the load components of DPCCH and HS-DPCCH for E-DCH users.</p>		
pmLEDchTot_22	ACCUMULATION	INTEGRER	<p>Counter for the Scheduled E-DCH Uu load estimate in a cell. Includes component from E-DPDCH, E-DPCCH for E-DCH users in the cell. The sampled value is a load factor and is unitless with range 0..1. Where 0 means no</p>	ME_NodeBFunction_Sector_Carrier_EDchResources.pmLEDchTot_22	Sum

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			load and 1 is infinite load. Note it does not include the load components of DPCCH and HS-DPCCH for E-DCH users.		
pmLEDchTot_23	ACCUMULATION	INTEGER	Counter for the Scheduled E-DCH Uu load estimate in a cell. Includes component from E-DPDCH, E-DPCCH for E-DCH users in the cell. The sampled value is a load factor and is unitless with range 0..1. Where 0 means no load and 1 is infinite load. Note it does not include the load components of DPCCH and HS-DPCCH for E-DCH users.	ME_NodeBFunction_Sector_Carrier_EDchResources.pmLEDchTot_23	Sum
pmLEDchTot_24	ACCUMULATION	INTEGER	Counter for the	ME_NodeBFunction_Sector_Carrier_EDchRes	Sum

			<p>Scheduled E-DCH Uu load estimate in a cell. Includes component from E-DPDCH, E-DPCCH for E-DCH users in the cell. The sampled value is a load factor and is unitless with range 0..1. Where 0 means no load and 1 is infinite load. Note it does not include the load components of DPCCH and HS-DPCCH for E-DCH users.</p>	sources.pmLEDchTot_24		
pmLEDchTot_25	ACCUMULATION	INTEGER	<p>Counter for the Scheduled E-DCH Uu load estimate in a cell. Includes component from E-DPDCH, E-</p>	ME_NodeBFunction_Sector_Carrier_EDchResources.pmLEDchTot_25	Sum	

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			<p>DPCCH for E-DCH users in the cell. The sampled value is a load factor and is unitless with range 0..1. Where 0 means no load and 1 is infinite load. Note it does not include the load components of DPCCH and HS-DPCCH for E-DCH users.</p>		
pmLEDchTot_26	ACCUMULATION	INTEGER	<p>Counter for the Scheduled E-DCH Uu load estimate in a cell. Includes component from E-DPDCH, E-DPCCH for E-DCH users in the cell. The sampled value is a load factor and is unitless with range 0..1. Where 0 means no load and 1 is infinite load.</p>	ME_NodeBFunction_Sector_Carrier_EDchResources.pmLEDchTot_26	Sum

			Note it does not include the load components of DPCCH and HS-DPCCH for E-DCH users.		
pmLEDchTot_27	ACCUMULATION	INTEGRER	Counter for the Scheduled E-DCH Uu load estimate in a cell. Includes component from E-DPDCH, E-DPCCH for E-DCH users in the cell. The sampled value is a load factor and is unitless with range 0..1. Where 0 means no load and 1 is infinite load. Note it does not include the load components of DPCCH and HS-DPCCH for E-DCH	ME_NodeBFunction_Sector_Carrier_EDchResources.pmLEDchTot_27	Sum

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			users.			
pmLEDchTot_28	ACCUMULATION	INTEGER	Counter for the Scheduled E-DCH Uu load estimate in a cell. Includes component from E-DPDCH, E-DPCCH for E-DCH users in the cell. The sampled value is a load factor and is unitless with range 0..1. Where 0 means no load and 1 is infinite load. Note it does not include the load components of DPCCH and HS-DPCCH for E-DCH users.	ME_NodeBFunction_Sector_Carrier_EDchResources.pmLEDchTot_28	Sum	
pmLEDchTot_29	ACCUMULATION	INTEGER	Counter for the Scheduled E-DCH Uu load estimate in a cell. Includes component from E-DPDCH, E-DPCCH for E-DCH users	ME_NodeBFunction_Sector_Carrier_EDchResources.pmLEDchTot_29	Sum	

			<p>in the cell. The sampled value is a load factor and is unitless with range 0..1. Where 0 means no load and 1 is infinite load. Note it does not include the load components of DPCCH and HS-DPCCH for E-DCH users.</p>		
pmLEDchTot_2	ACCUMULATION	INTEGER	<p>Counter for the Scheduled E-DCH Uu load estimate in a cell. Includes component from E-DPDCH, E-DPCCH for E-DCH users in the cell. The sampled value is a load factor and is unitless with range 0..1. Where 0</p>	ME_NodeBFunction_Sector_Carrier_EDchResources.pmLEDchTot_2	Sum

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			means no load and 1 is infinite load. Note it does not include the load components of DPCCH and HS-DPCCH for E-DCH users.			
pmLEDchTot_30	ACCUMULATION	INTEGER	Counter for the Scheduled E-DCH U _u load estimate in a cell. Includes component from E-DPDCH, E-DPCCH for E-DCH users in the cell. The sampled value is a load factor and is unitless with range 0..1. Where 0 means no load and 1 is infinite load. Note it does not include the load components of DPCCH and HS-DPCCH for E-DCH users.	ME_NodeBFunction_Sector_Carrier_EDchResources.pmLEDchTot_30	Sum	
pmLEDchTot	ACCUMULATION	INTEGER	Counter for	ME_NodeBFunction_S	Sum	

_31	TION	ER	<p>the Scheduled E-DCH Uu load estimate in a cell. Includes component from E-DPDCH, E-DPCCH for E-DCH users in the cell. The sampled value is a load factor and is unitless with range 0..1. Where 0 means no load and 1 is infinite load. Note it does not include the load components of DPCCH and HS-DPCCH for E-DCH users.</p>	ector_Carrier_EDchResources.pmLEDchTot_31		
pmLEDchTot_32	ACCUMULATION	INTEGRER	<p>Counter for the Scheduled E-DCH Uu load estimate in a cell. Includes component from E-</p>	ME_NodeBFunction_Sector_Carrier_EDchResources.pmLEDchTot_32	Sum	

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			<p>DPDCH, E-DPCCH for E-DCH users in the cell. The sampled value is a load factor and is unitless with range 0..1. Where 0 means no load and 1 is infinite load. Note it does not include the load components of DPCCH and HS-DPCCH for E-DCH users.</p>		
pmLEDchTot_33	ACCUMULATION	INTEGER	<p>Counter for the Scheduled E-DCH Uu load estimate in a cell. Includes component from E-DPDCH, E-DPCCH for E-DCH users in the cell. The sampled value is a load factor and is unitless with range 0..1. Where 0 means no load and 1 is</p>	ME_NodeBFunction_Sector_Carrier_EDchResources.pmLEDchTot_33	Sum

			infinite load. Note it does not include the load components of DPCCH and HS-DPCCH for E-DCH users.		
pmLEDchTot_34	ACCUMULATION	INTEGER	Counter for the Scheduled E-DCH Uu load estimate in a cell. Includes component from E-DPDCH, E-DPCCH for E-DCH users in the cell. The sampled value is a load factor and is unitless with range 0..1. Where 0 means no load and 1 is infinite load. Note it does not include the load components of DPCCH and HS-DPCCH for	ME_NodeBFunction_Sector_Carrier_EDchResources.pmLEDchTot_34	Sum

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			E-DCH users.		
pmLEDchTot_35	ACCUMULATION	INTEGER	Counter for the Scheduled E-DCH Uu load estimate in a cell. Includes component from E-DPDCH, E-DPCCH for E-DCH users in the cell. The sampled value is a load factor and is unitless with range 0..1. Where 0 means no load and 1 is infinite load. Note it does not include the load components of DPCCH and HS-DPCCH for E-DCH users.	ME_NodeBFunction_Sector_Carrier_EDchResources.pmLEDchTot_35	Sum
pmLEDchTot_36	ACCUMULATION	INTEGER	Counter for the Scheduled E-DCH Uu load estimate in a cell. Includes component from E-DPDCH, E-DPCCH for	ME_NodeBFunction_Sector_Carrier_EDchResources.pmLEDchTot_36	Sum

			<p>E-DCH users in the cell. The sampled value is a load factor and is unitless with range 0..1. Where 0 means no load and 1 is infinite load. Note it does not include the load components of DPCCH and HS-DPCCH for E-DCH users.</p>		
pmLEDchTot_37	ACCUMULATION	INTEGER	<p>Counter for the Scheduled E-DCH Uu load estimate in a cell. Includes component from E-DPDCH, E-DPCCH for E-DCH users in the cell. The sampled value is a load factor and is unitless with range 0..1.</p>	ME_NodeBFunction_Sector_Carrier_EDchResources.pmLEDchTot_37	Sum

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			Where 0 means no load and 1 is infinite load. Note it does not include the load components of DPCCH and HS-DPCCH for E-DCH users.		
pmLEDchTot_38	ACCUMULATION	INTEGER	Counter for the Scheduled E-DCH Uu load estimate in a cell. Includes component from E-DPDCH, E-DPCCH for E-DCH users in the cell. The sampled value is a load factor and is unitless with range 0..1. Where 0 means no load and 1 is infinite load. Note it does not include the load components of DPCCH and HS-DPCCH for E-DCH users.	ME_NodeBFunction_Sector_Carrier_EDchResources.pmLEDchTot_38	Sum

pmLEDchTot_39	ACCUMULATION	INTEGER	Counter for the Scheduled E-DCH Uu load estimate in a cell. Includes component from E-DPDCH, E-DPCCH for E-DCH users in the cell. The sampled value is a load factor and is unitless with range 0..1. Where 0 means no load and 1 is infinite load. Note it does not include the load components of DPCCH and HS-DPCCH for E-DCH users.	ME_NodeBFunction_Sector_Carrier_EDchResources.pmLEDchTot_39	Sum	
pmLEDchTot_3	ACCUMULATION	INTEGER	Counter for the Scheduled E-DCH Uu load estimate in a cell. Includes component	ME_NodeBFunction_Sector_Carrier_EDchResources.pmLEDchTot_3	Sum	

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			<p>from E-DPDCH, E-DPCCH for E-DCH users in the cell. The sampled value is a load factor and is unitless with range 0..1. Where 0 means no load and 1 is infinite load. Note it does not include the load components of DPCCH and HS-DPCCH for E-DCH users.</p>		
pmLEDchTot_40	ACCUMULATION	INTEGER	<p>Counter for the Scheduled E-DCH Uu load estimate in a cell. Includes component from E-DPDCH, E-DPCCH for E-DCH users in the cell. The sampled value is a load factor and is unitless with range 0..1. Where 0 means no</p>	ME_NodeBFunction_Sector_Carrier_EDchResources.pmLEDchTot_40	Sum

			load and 1 is infinite load. Note it does not include the load components of DPCCH and HS-DPCCH for E-DCH users.			
pmLEDchTot_41	ACCUMULATION	INTEGER	Counter for the Scheduled E-DCH Uu load estimate in a cell. Includes component from E-DPDCH, E-DPCCH for E-DCH users in the cell. The sampled value is a load factor and is unitless with range 0..1. Where 0 means no load and 1 is infinite load. Note it does not include the load components of DPCCH and HS-	ME_NodeBFunction_Sector_Carrier_EDchResources.pmLEDchTot_41	Sum	

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			DPCCH for E-DCH users.		
pmLEDchTot_42	ACCUMULATION	INTEGER	Counter for the Scheduled E-DCH Uu load estimate in a cell. Includes component from E-DPDCH, E-DPCCH for E-DCH users in the cell. The sampled value is a load factor and is unitless with range 0..1. Where 0 means no load and 1 is infinite load. Note it does not include the load components of DPCCH and HS-DPCCH for E-DCH users.	ME_NodeBFunction_Sector_Carrier_EDchResources.pmLEDchTot_42	Sum
pmLEDchTot_43	ACCUMULATION	INTEGER	Counter for the Scheduled E-DCH Uu load estimate in a cell. Includes component from E-DPDCH, E-	ME_NodeBFunction_Sector_Carrier_EDchResources.pmLEDchTot_43	Sum

			<p>DPCCH for E-DCH users in the cell. The sampled value is a load factor and is unitless with range 0..1. Where 0 means no load and 1 is infinite load. Note it does not include the load components of DPCCH and HS-DPCCH for E-DCH users.</p>		
pmLEDchTot_44	ACCUMULATION	INTEGER	<p>Counter for the Scheduled E-DCH Uu load estimate in a cell. Includes component from E-DPDCH, E-DPCCH for E-DCH users in the cell. The sampled value is a load factor and is unitless with</p>	ME_NodeBFunction_Sector_Carrier_EDchResources.pmLEDchTot_44	Sum

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			range 0..1. Where 0 means no load and 1 is infinite load. Note it does not include the load components of DPCCH and HS-DPCCH for E-DCH users.		
pmLEDchTot_45	ACCUMULATION	INTEGRER	Counter for the Scheduled E-DCH Uu load estimate in a cell. Includes component from E-DPDCH, E-DPCCH for E-DCH users in the cell. The sampled value is a load factor and is unitless with range 0..1. Where 0 means no load and 1 is infinite load. Note it does not include the load components of DPCCH and HS-DPCCH for E-DCH	ME_NodeBFunction_Sector_Carrier_EDchResources.pmLEDchTot_45	Sum

			users.			
pmLEDchTot_46	ACCUMULATION	INTEGER	Counter for the Scheduled E-DCH Uu load estimate in a cell. Includes component from E-DPDCH, E-DPCCH for E-DCH users in the cell. The sampled value is a load factor and is unitless with range 0..1. Where 0 means no load and 1 is infinite load. Note it does not include the load components of DPCCH and HS-DPCCH for E-DCH users.	ME_NodeBFunction_Sector_Carrier_EDchResources.pmLEDchTot_46	Sum	
pmLEDchTot_47	ACCUMULATION	INTEGER	Counter for the Scheduled E-DCH Uu load estimate in a cell. Includes	ME_NodeBFunction_Sector_Carrier_EDchResources.pmLEDchTot_47	Sum	

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			<p>component from E-DPDCH, E-DPCCH for E-DCH users in the cell. The sampled value is a load factor and is unitless with range 0..1. Where 0 means no load and 1 is infinite load. Note it does not include the load components of DPCCH and HS-DPCCH for E-DCH users.</p>		
pmLEDchTot_48	ACCUMULATION	INTEGRER	<p>Counter for the Scheduled E-DCH Uu load estimate in a cell. Includes component from E-DPDCH, E-DPCCH for E-DCH users in the cell. The sampled value is a load factor and is unitless with range 0..1. Where 0</p>	ME_NodeBFunction_Sector_Carrier_EDchResources.pmLEDchTot_48	Sum

			means no load and 1 is infinite load. Note it does not include the load components of DPCCH and HS-DPCCH for E-DCH users.			
pmLEDchTot_49	ACCUMULATION	INTEGER	Counter for the Scheduled E-DCH Uu load estimate in a cell. Includes component from E-DPDCH, E-DPCCH for E-DCH users in the cell. The sampled value is a load factor and is unitless with range 0..1. Where 0 means no load and 1 is infinite load. Note it does not include the load components of DPCCH	ME_NodeBFunction_Sector_Carrier_EDchResources.pmLEDchTot_49	Sum	

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			and HS-DPCCH for E-DCH users.		
pmLEDchTot_4	ACCUMULATION	INTEGER	Counter for the Scheduled E-DCH Uu load estimate in a cell. Includes component from E-DPDCH, E-DPCCH for E-DCH users in the cell. The sampled value is a load factor and is unitless with range 0..1. Where 0 means no load and 1 is infinite load. Note it does not include the load components of DPCCH and HS-DPCCH for E-DCH users.	ME_NodeBFunction_Sector_Carrier_EDchResources.pmLEDchTot_4	Sum
pmLEDchTot_5	ACCUMULATION	INTEGER	Counter for the Scheduled E-DCH Uu load estimate in a cell. Includes component from E-	ME_NodeBFunction_Sector_Carrier_EDchResources.pmLEDchTot_5	Sum

			<p>DPDCH, E-DPCCH for E-DCH users in the cell. The sampled value is a load factor and is unitless with range 0..1. Where 0 means no load and 1 is infinite load. Note it does not include the load components of DPCCH and HS-DPCCH for E-DCH users.</p>		
pmLEDchTot_6	ACCUMULATION	INTEGER	<p>Counter for the Scheduled E-DCH Uu load estimate in a cell. Includes component from E-DPDCH, E-DPCCH for E-DCH users in the cell. The sampled value is a load factor and is</p>	ME_NodeBFunction_Sector_Carrier_EDchResources.pmLEDchTot_6	Sum

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			<p>unitless with range 0..1. Where 0 means no load and 1 is infinite load. Note it does not include the load components of DPCCH and HS-DPCCH for E-DCH users.</p>		
pmLEDchTot_7	ACCUMULATION	INTEGER	<p>Counter for the Scheduled E-DCH Uu load estimate in a cell. Includes component from E-DPDCH, E-DPCCH for E-DCH users in the cell. The sampled value is a load factor and is unitless with range 0..1. Where 0 means no load and 1 is infinite load. Note it does not include the load components of DPCCH and HS-DPCCH for</p>	ME_NodeBFunction_Sector_Carrier_EDchResources.pmLEDchTot_7	Sum

			E-DCH users.			
pmLEDchTot_8	ACCUMULATION	INTEGER	Counter for the Scheduled E-DCH Uu load estimate in a cell. Includes component from E-DPDCH, E-DPCCH for E-DCH users in the cell. The sampled value is a load factor and is unitless with range 0..1. Where 0 means no load and 1 is infinite load. Note it does not include the load components of DPCCH and HS-DPCCH for E-DCH users.	ME_NodeBFunction_Sector_Carrier_EDchResources.pmLEDchTot_8	Sum	
pmLEDchTot_9	ACCUMULATION	INTEGER	Counter for the Scheduled E-DCH Uu load estimate in a cell.	ME_NodeBFunction_Sector_Carrier_EDchResources.pmLEDchTot_9	Sum	

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			<p>Includes component from E-DPDCH, E-DPCCH for E-DCH users in the cell. The sampled value is a load factor and is unitless with range 0..1. Where 0 means no load and 1 is infinite load. Note it does not include the load components of DPCCH and HS-DPCCH for E-DCH users.</p>		
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7.12.34CDMA_Channel.Ericsson.UMTS.PDF_pmLMaxEDch

pmLMaxEDch PDF counters

KPI	Type	Data Type	Description	Derivation	Default Aggregator	Other Aggregators
pmLMaxEDch_0	ACCUMULATION	INTEGER	Counter for the total cell level estimate of the Uu component of the scheduling headroom available for EUL	ME_NodeBFunction_Sector_Carrier_EDchResources.pmLMaxEDch_0	Sum	

			-schedulable - traffic in a cell. The sampled value is a load factor and is unit less with range 0..1. Where 0 means no load and 1 is infinite load.		
pmLMaxEDch_10	ACCUMULATION	INTEGER	Counter for the total cell level estimate of the Uu component of the scheduling headroom available for EUL -schedulable - traffic in a cell. The sampled value is a load factor and is unit less with range 0..1. Where 0 means no load and 1 is infinite load.	ME_NodeBFunction_Sector_Carrier_EDchResources.pmLMaxEDch_10	Sum
pmLMaxEDch_11	ACCUMULATION	INTEGER	Counter for the total cell level	ME_NodeBFunction_Sector_Carrier_EDchResources.pmLMaxEDch_11	Sum

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			<p>estimate of the Uu component of the scheduling headroom available for EUL -schedulable - traffic in a cell. The sampled value is a load factor and is unit less with range 0..1. Where 0 means no load and 1 is infinite load.</p>		
pmLMaxEDch_12	ACCUMULATION	INTEGER	<p>Counter for the total cell level estimate of the Uu component of the scheduling headroom available for EUL -schedulable - traffic in a cell. The sampled value is a load factor and is unit less with range 0..1. Where 0 means no load and 1 is infinite load.</p>	ME_NodeBFunction_Sector_Carrier_EDchResources.pmLMaxEDch_12	Sum

pmLMaxEDch_13	ACCUMULATION	INTEGER	Counter for the total cell level estimate of the Uu component of the scheduling headroom available for EUL -schedulable - traffic in a cell. The sampled value is a load factor and is unit less with range 0..1. Where 0 means no load and 1 is infinite load.	ME_NodeBFunction_Sector_Carrier_EDchResources.pmLMaxEDch_13	Sum	
pmLMaxEDch_14	ACCUMULATION	INTEGER	Counter for the total cell level estimate of the Uu component of the scheduling headroom available for EUL -schedulable - traffic in a cell. The sampled value is a	ME_NodeBFunction_Sector_Carrier_EDchResources.pmLMaxEDch_14	Sum	

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			load factor and is unit less with range 0..1. Where 0 means no load and 1 is infinite load.		
pmLMaxEDch_15	ACCUMULATION	INTEGER	Counter for the total cell level estimate of the Uu component of the scheduling headroom available for EUL -schedulable - traffic in a cell. The sampled value is a load factor and is unit less with range 0..1. Where 0 means no load and 1 is infinite load.	ME_NodeBFunction_Sector_Carrier_EDchResources.pmLMaxEDch_15	Sum
pmLMaxEDch_16	ACCUMULATION	INTEGER	Counter for the total cell level estimate of the Uu component of the scheduling headroom available for EUL -schedulable - traffic in a	ME_NodeBFunction_Sector_Carrier_EDchResources.pmLMaxEDch_16	Sum

			cell. The sampled value is a load factor and is unit less with range 0..1. Where 0 means no load and 1 is infinite load.			
pmLMaxEDch_17	ACCUMULATION	INTEGER	Counter for the total cell level estimate of the Uu component of the scheduling headroom available for EUL - schedulable - traffic in a cell. The sampled value is a load factor and is unit less with range 0..1. Where 0 means no load and 1 is infinite load.	ME_NodeBFunction_Sector_Carrier_EDchResources.pmLMaxEDch_17	Sum	
pmLMaxEDch_18	ACCUMULATION	INTEGER	Counter for the total cell level estimate of the Uu	ME_NodeBFunction_Sector_Carrier_EDchResources.pmLMaxEDch_18	Sum	

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			<p>component of the scheduling headroom available for EUL -schedulable - traffic in a cell. The sampled value is a load factor and is unit less with range 0..1. Where 0 means no load and 1 is infinite load.</p>		
pmLMaxEDch_19	ACCUMULATION	INTEGER	<p>Counter for the total cell level estimate of the Uu component of the scheduling headroom available for EUL -schedulable - traffic in a cell. The sampled value is a load factor and is unit less with range 0..1. Where 0 means no load and 1 is infinite load.</p>	ME_NodeBFunction_Sector_Carrier_EDchResources.pmLMaxEDch_19	Sum
pmLMaxEDch_1	ACCUMULATION	INTEGER	Counter for the total cell	ME_NodeBFunction_Sector_Carrier_EDchReso	Sum

			level estimate of the Uu component of the scheduling headroom available for EUL -schedulable - traffic in a cell. The sampled value is a load factor and is unit less with range 0..1. Where 0 means no load and 1 is infinite load.	urces.pmLMaxEDch_1		
pmLMaxEDch_20	ACCUMULATION	INTEGER	Counter for the total cell level estimate of the Uu component of the scheduling headroom available for EUL -schedulable - traffic in a cell. The sampled value is a load factor and is unit	ME_NodeBFunction_Sector_Carrier_EDchResources.pmLMaxEDch_20	Sum	

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			less with range 0..1. Where 0 means no load and 1 is infinite load.		
pmLMaxEDch_21	ACCUMULATION	INTEGER	Counter for the total cell level estimate of the Uu component of the scheduling headroom available for EUL -schedulable - traffic in a cell. The sampled value is a load factor and is unit less with range 0..1. Where 0 means no load and 1 is infinite load.	ME_NodeBFunction_Sector_Carrier_EDchResources.pmLMaxEDch_21	Sum
pmLMaxEDch_22	ACCUMULATION	INTEGER	Counter for the total cell level estimate of the Uu component of the scheduling headroom available for EUL -schedulable - traffic in a cell. The sampled	ME_NodeBFunction_Sector_Carrier_EDchResources.pmLMaxEDch_22	Sum

			value is a load factor and is unit less with range 0..1. Where 0 means no load and 1 is infinite load.			
pmLMaxEDch_23	ACCUMULATION	INTEGER	Counter for the total cell level estimate of the Uu component of the scheduling headroom available for EUL -schedulable - traffic in a cell. The sampled value is a load factor and is unit less with range 0..1. Where 0 means no load and 1 is infinite load.	ME_NodeBFunction_Sector_Carrier_EDchResources.pmLMaxEDch_23	Sum	
pmLMaxEDch_24	ACCUMULATION	INTEGER	Counter for the total cell level estimate of the Uu component of the	ME_NodeBFunction_Sector_Carrier_EDchResources.pmLMaxEDch_24	Sum	

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			<p>scheduling headroom available for EUL</p> <p>-schedulable</p> <p>- traffic in a cell. The sampled value is a load factor and is unit less with range 0..1. Where 0 means no load and 1 is infinite load.</p>		
pmLMaxEDch_25	ACCUMULATION	INTEGER	<p>Counter for the total cell level estimate of the Uu component of the scheduling headroom available for EUL</p> <p>-schedulable</p> <p>- traffic in a cell. The sampled value is a load factor and is unit less with range 0..1. Where 0 means no load and 1 is infinite load.</p>	ME_NodeBFunction_Sector_Carrier_EDchResources.pmLMaxEDch_25	Sum
pmLMaxEDch_26	ACCUMULATION	INTEGER	<p>Counter for the total cell level estimate of</p>	ME_NodeBFunction_Sector_Carrier_EDchResources.pmLMaxEDch_26	Sum

			the Uu component of the scheduling headroom available for EUL -schedulable - traffic in a cell. The sampled value is a load factor and is unit less with range 0..1. Where 0 means no load and 1 is infinite load.		
pmLMaxEDch_27	ACCUMULATION	INTEGER	Counter for the total cell level estimate of the Uu component of the scheduling headroom available for EUL -schedulable - traffic in a cell. The sampled value is a load factor and is unit less with range 0..1.	ME_NodeBFunction_Sector_Carrier_EDchResources.pmLMaxEDch_27	Sum

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			Where 0 means no load and 1 is infinite load.		
pmLMaxEDch_28	ACCUMULATION	INTEGER	Counter for the total cell level estimate of the Uu component of the scheduling headroom available for EUL -schedulable - traffic in a cell. The sampled value is a load factor and is unit less with range 0..1. Where 0 means no load and 1 is infinite load.	ME_NodeBFunction_Sector_Carrier_EDchResources.pmLMaxEDch_28	Sum
pmLMaxEDch_29	ACCUMULATION	INTEGER	Counter for the total cell level estimate of the Uu component of the scheduling headroom available for EUL -schedulable - traffic in a cell. The sampled value is a load factor	ME_NodeBFunction_Sector_Carrier_EDchResources.pmLMaxEDch_29	Sum

			and is unit less with range 0..1. Where 0 means no load and 1 is infinite load.		
pmLMaxEDch_2	ACCUMULATION	INTEGER	Counter for the total cell level estimate of the Uu component of the scheduling headroom available for EUL -schedulable - traffic in a cell. The sampled value is a load factor and is unit less with range 0..1. Where 0 means no load and 1 is infinite load.	ME_NodeBFunction_Sector_Carrier_EDchResources.pmLMaxEDch_2	Sum
pmLMaxEDch_30	ACCUMULATION	INTEGER	Counter for the total cell level estimate of the Uu component of the scheduling headroom	ME_NodeBFunction_Sector_Carrier_EDchResources.pmLMaxEDch_30	Sum

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			available for EUL -schedulable - traffic in a cell. The sampled value is a load factor and is unit less with range 0..1. Where 0 means no load and 1 is infinite load.		
pmLMaxEDch_31	ACCUMULATION	INTEGER	Counter for the total cell level estimate of the Uu component of the scheduling headroom available for EUL -schedulable - traffic in a cell. The sampled value is a load factor and is unit less with range 0..1. Where 0 means no load and 1 is infinite load.	ME_NodeBFunction_Sector_Carrier_EDchResources.pmLMaxEDch_31	Sum
pmLMaxEDch_32	ACCUMULATION	INTEGER	Counter for the total cell level estimate of the Uu component	ME_NodeBFunction_Sector_Carrier_EDchResources.pmLMaxEDch_32	Sum

			of the scheduling headroom available for EUL -schedulable - traffic in a cell. The sampled value is a load factor and is unit less with range 0..1. Where 0 means no load and 1 is infinite load.			
pmLMaxEDch_33	ACCUMULATION	INTEGER	Counter for the total cell level estimate of the Uu component of the scheduling headroom available for EUL -schedulable - traffic in a cell. The sampled value is a load factor and is unit less with range 0..1. Where 0 means no	ME_NodeBFunction_Sector_Carrier_EDchResources.pmLMaxEDch_33	Sum	

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			load and 1 is infinite load.		
pmLMaxEDch_34	ACCUMULATION	INTEGER	Counter for the total cell level estimate of the Uu component of the scheduling headroom available for EUL -schedulable - traffic in a cell. The sampled value is a load factor and is unit less with range 0..1. Where 0 means no load and 1 is infinite load.	ME_NodeBFunction_Sector_Carrier_EDchResources.pmLMaxEDch_34	Sum
pmLMaxEDch_35	ACCUMULATION	INTEGER	Counter for the total cell level estimate of the Uu component of the scheduling headroom available for EUL -schedulable - traffic in a cell. The sampled value is a load factor and is unit less with	ME_NodeBFunction_Sector_Carrier_EDchResources.pmLMaxEDch_35	Sum

			range 0..1. Where 0 means no load and 1 is infinite load.		
pmLMaxEDch_36	ACCUMULATION	INTEGER	Counter for the total cell level estimate of the Uu component of the scheduling headroom available for EUL -schedulable - traffic in a cell. The sampled value is a load factor and is unit less with range 0..1. Where 0 means no load and 1 is infinite load.	ME_NodeBFunction_Sector_Carrier_EDchResources.pmLMaxEDch_36	Sum
pmLMaxEDch_37	ACCUMULATION	INTEGER	Counter for the total cell level estimate of the Uu component of the scheduling headroom available for EUL	ME_NodeBFunction_Sector_Carrier_EDchResources.pmLMaxEDch_37	Sum

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			-schedulable - traffic in a cell. The sampled value is a load factor and is unit less with range 0..1. Where 0 means no load and 1 is infinite load.		
pmLMaxEDch_38	ACCUMULATION	INTEGER	Counter for the total cell level estimate of the Uu component of the scheduling headroom available for EUL -schedulable - traffic in a cell. The sampled value is a load factor and is unit less with range 0..1. Where 0 means no load and 1 is infinite load.	ME_NodeBFunction_Sector_Carrier_EDchResources.pmLMaxEDch_38	Sum
pmLMaxEDch_39	ACCUMULATION	INTEGER	Counter for the total cell level estimate of the Uu component of the scheduling	ME_NodeBFunction_Sector_Carrier_EDchResources.pmLMaxEDch_39	Sum

			<p>headroom available for EUL -schedulable - traffic in a cell. The sampled value is a load factor and is unit less with range 0..1. Where 0 means no load and 1 is infinite load.</p>			
pmLMaxEDch_3	ACCUMULATION	INTEGER	<p>Counter for the total cell level estimate of the Uu component of the scheduling headroom available for EUL -schedulable - traffic in a cell. The sampled value is a load factor and is unit less with range 0..1. Where 0 means no load and 1 is infinite load.</p>	ME_NodeBFunction_Sector_Carrier_EDchResources.pmLMaxEDch_3	Sum	

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pmLMaxEDch_40	ACCUMULATION	INTEGER	Counter for the total cell level estimate of the Uu component of the scheduling headroom available for EUL -schedulable - traffic in a cell. The sampled value is a load factor and is unit less with range 0..1. Where 0 means no load and 1 is infinite load.	ME_NodeBFunction_Sector_Carrier_EDchResources.pmLMaxEDch_40	Sum	
pmLMaxEDch_41	ACCUMULATION	INTEGER	Counter for the total cell level estimate of the Uu component of the scheduling headroom available for EUL -schedulable - traffic in a cell. The sampled value is a load factor and is unit less with range 0..1. Where 0	ME_NodeBFunction_Sector_Carrier_EDchResources.pmLMaxEDch_41	Sum	

			means no load and 1 is infinite load.		
pmLMaxEDch_42	ACCUMULATION	INTEGER	Counter for the total cell level estimate of the Uu component of the scheduling headroom available for EUL -schedulable - traffic in a cell. The sampled value is a load factor and is unit less with range 0..1. Where 0 means no load and 1 is infinite load.	ME_NodeBFunction_Sector_Carrier_EDchResources.pmLMaxEDch_42	Sum
pmLMaxEDch_43	ACCUMULATION	INTEGER	Counter for the total cell level estimate of the Uu component of the scheduling headroom available for EUL -schedulable - traffic in a	ME_NodeBFunction_Sector_Carrier_EDchResources.pmLMaxEDch_43	Sum

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			cell. The sampled value is a load factor and is unit less with range 0..1. Where 0 means no load and 1 is infinite load.		
pmLMaxEDch_44	ACCUMULATION	INTEGER	Counter for the total cell level estimate of the Uu component of the scheduling headroom available for EUL -schedulable - traffic in a cell. The sampled value is a load factor and is unit less with range 0..1. Where 0 means no load and 1 is infinite load.	ME_NodeBFunction_Sector_Carrier_EDchResources.pmLMaxEDch_44	Sum
pmLMaxEDch_45	ACCUMULATION	INTEGER	Counter for the total cell level estimate of the Uu component of the scheduling headroom available for	ME_NodeBFunction_Sector_Carrier_EDchResources.pmLMaxEDch_45	Sum

			EUL -schedulable - traffic in a cell. The sampled value is a load factor and is unit less with range 0..1. Where 0 means no load and 1 is infinite load.		
pmLMaxEDch_46	ACCUMULATION	INTEGER	Counter for the total cell level estimate of the Uu component of the scheduling headroom available for EUL -schedulable - traffic in a cell. The sampled value is a load factor and is unit less with range 0..1. Where 0 means no load and 1 is infinite load.	ME_NodeBFunction_Sector_Carrier_EDchResources.pmLMaxEDch_46	Sum
pmLMaxEDch_47	ACCUMULATION	INTEGER	Counter for the total cell	ME_NodeBFunction_Sector_Carrier_EDchResources	Sum

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			<p>level estimate of the Uu component of the scheduling headroom available for EUL -schedulable - traffic in a cell. The sampled value is a load factor and is unit less with range 0..1. Where 0 means no load and 1 is infinite load.</p>	<p>urces.pmLMaxEDch_47</p>		
<p>pmLMaxEDch_48</p>	<p>ACCUMULATION</p>	<p>INTEGRER</p>	<p>Counter for the total cell level estimate of the Uu component of the scheduling headroom available for EUL -schedulable - traffic in a cell. The sampled value is a load factor and is unit less with range 0..1. Where 0 means no load and 1 is</p>	<p>ME_NodeBFunction_Sector_Carrier_EDchResources.pmLMaxEDch_48</p>	<p>Sum</p>	

			infinite load.		
pmLMaxEDch_49	ACCUMULATION	INTEGER	Counter for the total cell level estimate of the Uu component of the scheduling headroom available for EUL -schedulable - traffic in a cell. The sampled value is a load factor and is unit less with range 0..1. Where 0 means no load and 1 is infinite load.	ME_NodeBFunction_Sector_Carrier_EDchResources.pmLMaxEDch_49	Sum
pmLMaxEDch_4	ACCUMULATION	INTEGER	Counter for the total cell level estimate of the Uu component of the scheduling headroom available for EUL -schedulable - traffic in a cell. The sampled	ME_NodeBFunction_Sector_Carrier_EDchResources.pmLMaxEDch_4	Sum

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			value is a load factor and is unit less with range 0..1. Where 0 means no load and 1 is infinite load.		
pmLMaxEDch_5	ACCUMULATION	INTEGER	Counter for the total cell level estimate of the Uu component of the scheduling headroom available for EUL -schedulable - traffic in a cell. The sampled value is a load factor and is unit less with range 0..1. Where 0 means no load and 1 is infinite load.	ME_NodeBFunction_Sector_Carrier_EDchResources.pmLMaxEDch_5	Sum
pmLMaxEDch_6	ACCUMULATION	INTEGER	Counter for the total cell level estimate of the Uu component of the scheduling headroom available for EUL -schedulable	ME_NodeBFunction_Sector_Carrier_EDchResources.pmLMaxEDch_6	Sum

			- traffic in a cell. The sampled value is a load factor and is unit less with range 0..1. Where 0 means no load and 1 is infinite load.		
pmLMaxEDch_7	ACCUMULATION	INTEGER	Counter for the total cell level estimate of the Uu component of the scheduling headroom available for EUL -schedulable - traffic in a cell. The sampled value is a load factor and is unit less with range 0..1. Where 0 means no load and 1 is infinite load.	ME_NodeBFunction_Sector_Carrier_EDchResources.pmLMaxEDch_7	Sum
pmLMaxEDch_8	ACCUMULATION	INTEGER	Counter for the total cell level estimate of	ME_NodeBFunction_Sector_Carrier_EDchResources.pmLMaxEDch_8	Sum

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			<p>the Uu component of the scheduling headroom available for EUL -schedulable - traffic in a cell. The sampled value is a load factor and is unit less with range 0..1. Where 0 means no load and 1 is infinite load.</p>		
pmLMaxEDch_9	ACCUMULATION	INTEGER	<p>Counter for the total cell level estimate of the Uu component of the scheduling headroom available for EUL -schedulable - traffic in a cell. The sampled value is a load factor and is unit less with range 0..1. Where 0 means no load and 1 is infinite load.</p>	ME_NodeBFunction_Sector_Carrier_EDchResources.pmLMaxEDch_9	Sum

7.12.35CDMA_Channel.Ericsson.UMTS.PDF_pmMbmsSccpchTransmittedTfc

pmMbmsSccpchTransmittedTfc PDF counters

KPI	Type	Data Type	Description	Derivation	Default Aggregator	Other Aggregators
pmMbmsSccpchTransmittedTfc_0	ACCUMULATION	INTEGER	MBMS Transmitted TFCs on an SCCPCH with a certain spreading factor.	ManagedElement_NodeBFunction_Carrier_Scpch.ppmMbmsSccpchTransmittedTfc_0	Sum	
pmMbmsSccpchTransmittedTfc_10	ACCUMULATION	INTEGER	MBMS Transmitted TFCs on an SCCPCH with a certain spreading factor.	ManagedElement_NodeBFunction_Carrier_Scpch.ppmMbmsSccpchTransmittedTfc_10	Sum	
pmMbmsSccpchTransmittedTfc_11	ACCUMULATION	INTEGER	MBMS Transmitted TFCs on an SCCPCH with a	ManagedElement_NodeBFunction_Carrier_Scpch.ppmMbmsSccpchTransmittedTfc_11	Sum	

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			certain spreading factor.			
pmMbmsScpchTransmittedTfc_12	ACCUMULATION	INTEGER	MBMS Transmitted TFCs on an SCCPC H with a certain spreading factor.	ManagedElement_NodeBFunction_Carrier_Scpch.p mMbmsScpchTransmittedTfc_12	Sum	
pmMbmsScpchTransmittedTfc_13	ACCUMULATION	INTEGER	MBMS Transmitted TFCs on an SCCPC H with a certain spreading factor.	ManagedElement_NodeBFunction_Carrier_Scpch.p mMbmsScpchTransmittedTfc_13	Sum	
pmMbmsScpchTransmittedTfc_14	ACCUMULATION	INTEGER	MBMS Transmitted TFCs on an SCCPC H with a certain spreading factor.	ManagedElement_NodeBFunction_Carrier_Scpch.p mMbmsScpchTransmittedTfc_14	Sum	
pmMbmsScpchTransmittedTfc_15	ACCUMULATION	INTEGER	MBMS Transmitted	ManagedElement_NodeBFunction_Carrier_Scpch.p mMbmsScpchTransmitted	Sum	

			TFCs on an SCCPC H with a certain spreading factor.	dTfc_15		
pmMbmsScpchTransmittedTfc_16	ACCUMULATION	INTEGER	MBMS Transmitted TFCs on an SCCPC H with a certain spreading factor.	ManagedElement_NodeBFunction_Carrier_Scpch.p mMbmsScpchTransmittedTfc_16	Sum	
pmMbmsScpchTransmittedTfc_17	ACCUMULATION	INTEGER	MBMS Transmitted TFCs on an SCCPC H with a certain spreading factor.	ManagedElement_NodeBFunction_Carrier_Scpch.p mMbmsScpchTransmittedTfc_17	Sum	
pmMbmsScpchTransmittedTfc_18	ACCUMULATION	INTEGER	MBMS Transmitted TFCs on an SCCPC	ManagedElement_NodeBFunction_Carrier_Scpch.p mMbmsScpchTransmittedTfc_18	Sum	

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			H with a certain spreading factor.			
pmMbmsSccpchTransmittedTfc_19	ACCUMULATION	INTEGER	MBMS Transmitted TFCs on an SCCPC H with a certain spreading factor.	ManagedElement_NodeBF unction_Carrier_Scpch.p mMbmsSccpchTransmittedTfc_19	Sum	
pmMbmsSccpchTransmittedTfc_1	ACCUMULATION	INTEGER	MBMS Transmitted TFCs on an SCCPC H with a certain spreading factor.	ManagedElement_NodeBF unction_Carrier_Scpch.p mMbmsSccpchTransmittedTfc_1	Sum	
pmMbmsSccpchTransmittedTfc_20	ACCUMULATION	INTEGER	MBMS Transmitted TFCs on an SCCPC H with a certain spreading factor.	ManagedElement_NodeBF unction_Carrier_Scpch.p mMbmsSccpchTransmittedTfc_20	Sum	
pmMbmsSccpchTransmittedTfc_20	ACCUMULATION	INTEGER	MBMS	ManagedElement_NodeBF	Sum	

TransmittedTfc_21	ACCUMULATION	INTEGER	Transmitted TFCs on an SCCPCCH with a certain spreading factor.	ManagedElement_NodeBF.unction_Carrier_Scpch.p mMbmsScpchTransmittedTfc_21		
pmMbmsScpchTransmittedTfc_2	ACCUMULATION	INTEGER	MBMS Transmitted TFCs on an SCCPCCH with a certain spreading factor.	ManagedElement_NodeBF.unction_Carrier_Scpch.p mMbmsScpchTransmittedTfc_2	Sum	
pmMbmsScpchTransmittedTfc_3	ACCUMULATION	INTEGER	MBMS Transmitted TFCs on an SCCPCCH with a certain spreading factor.	ManagedElement_NodeBF.unction_Carrier_Scpch.p mMbmsScpchTransmittedTfc_3	Sum	
pmMbmsScpchTransmittedTfc_4	ACCUMULATION	INTEGER	MBMS Transmitted TFCs	ManagedElement_NodeBF.unction_Carrier_Scpch.p mMbmsScpchTransmittedTfc_4	Sum	

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			on an SCCPC H with a certain spreading factor.			
pmMbmsSccpchTransmittedTfc_5	ACCUMULATION	INTEGER	MBMS Transmitted TFCs on an SCCPC H with a certain spreading factor.	ManagedElement_NodeBFunction_Carrier_Scpch.p mMbmsSccpchTransmittedTfc_5	Sum	
pmMbmsSccpchTransmittedTfc_6	ACCUMULATION	INTEGER	MBMS Transmitted TFCs on an SCCPC H with a certain spreading factor.	ManagedElement_NodeBFunction_Carrier_Scpch.p mMbmsSccpchTransmittedTfc_6	Sum	
pmMbmsSccpchTransmittedTfc_7	ACCUMULATION	INTEGER	MBMS Transmitted TFCs on an SCCPC H with a certain spreading factor.	ManagedElement_NodeBFunction_Carrier_Scpch.p mMbmsSccpchTransmittedTfc_7	Sum	

pmMbmsSccpchTransmittedTfc_8	ACCUMULATION	INTEGER	MBMS Transmitted TFCs on an SCCPCH with a certain spreading factor.	ManagedElement_NodeBFunction_Carrier_Scpch.p mMbmsSccpchTransmittedTfc_8	Sum	
pmMbmsSccpchTransmittedTfc_9	ACCUMULATION	INTEGER	MBMS Transmitted TFCs on an SCCPCH with a certain spreading factor.	ManagedElement_NodeBFunction_Carrier_Scpch.p mMbmsSccpchTransmittedTfc_9	Sum	

7.12.36CDMA_Channel.Ericsson.UMTS.PDF_pmNoiseFloor

pmNoiseFloor PDF counters

KPI	Type	Data Type	Description	Derivation	Default Aggregator	Other Aggregators
pmNoiseFloor_0	ACCUMULATION	INTEGER	This counter is used to show the used thermal noise level value in the Rise over	ME_NodeBFunction_Sector_Carrier_EDchResources.p mNoiseFloor_0	Sum	

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			Thermal (RoT) measurement.			
pmNoiseFloor_10	ACCUMULATION	INTEGER	This counter is used to show the used thermal noise level value in the Rise over Thermal (RoT) measurement.	ME_NodeBFunction_Sector_Carrier_EDchResources.pmNoiseFloor_10	Sum	
pmNoiseFloor_11	ACCUMULATION	INTEGER	This counter is used to show the used thermal noise level value in the Rise over Thermal (RoT) measurement.	ME_NodeBFunction_Sector_Carrier_EDchResources.pmNoiseFloor_11	Sum	
pmNoiseFloor_12	ACCUMULATION	INTEGER	This counter is used to show the used thermal noise level value in the Rise over Thermal (RoT) measurement.	ME_NodeBFunction_Sector_Carrier_EDchResources.pmNoiseFloor_12	Sum	
pmNoiseFloor_13	ACCUMULATION	INTEGER	This counter is used to show the used thermal noise level value in the	ME_NodeBFunction_Sector_Carrier_EDchResources.pmNoiseFloor_13	Sum	

			Rise over Thermal (RoT) measurement.			
pmNoiseFloor_14	ACCUMULATION	INTEGER	This counter is used to show the used thermal noise level value in the Rise over Thermal (RoT) measurement.	ME_NodeBFunction_Sector_Carrier_EDchResources.pmNoiseFloor_14	Sum	
pmNoiseFloor_15	ACCUMULATION	INTEGER	This counter is used to show the used thermal noise level value in the Rise over Thermal (RoT) measurement.	ME_NodeBFunction_Sector_Carrier_EDchResources.pmNoiseFloor_15	Sum	
pmNoiseFloor_16	ACCUMULATION	INTEGER	This counter is used to show the used thermal noise level value in the Rise over Thermal (RoT) measurement.	ME_NodeBFunction_Sector_Carrier_EDchResources.pmNoiseFloor_16	Sum	

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pmNoiseFloor_17	ACCUMULATION	INTEGER	This counter is used to show the used thermal noise level value in the Rise over Thermal (RoT) measurement.	ME_NodeBFunction_Sector_Carrier_EDchResources.pmNoiseFloor_17	Sum	
pmNoiseFloor_18	ACCUMULATION	INTEGER	This counter is used to show the used thermal noise level value in the Rise over Thermal (RoT) measurement.	ME_NodeBFunction_Sector_Carrier_EDchResources.pmNoiseFloor_18	Sum	
pmNoiseFloor_19	ACCUMULATION	INTEGER	This counter is used to show the used thermal noise level value in the Rise over Thermal (RoT) measurement.	ME_NodeBFunction_Sector_Carrier_EDchResources.pmNoiseFloor_19	Sum	
pmNoiseFloor_1	ACCUMULATION	INTEGER	This counter is used to show the used thermal noise level value in the Rise over Thermal (RoT) measurement.	ME_NodeBFunction_Sector_Carrier_EDchResources.pmNoiseFloor_1	Sum	

pmNoiseFloor_20	ACCUMULATION	INTEGER	This counter is used to show the used thermal noise level value in the Rise over Thermal (RoT) measurement.	ME_NodeBFunction_Sector_Carrier_EDchResources.pmNoiseFloor_20	Sum	
pmNoiseFloor_21	ACCUMULATION	INTEGER	This counter is used to show the used thermal noise level value in the Rise over Thermal (RoT) measurement.	ME_NodeBFunction_Sector_Carrier_EDchResources.pmNoiseFloor_21	Sum	
pmNoiseFloor_22	ACCUMULATION	INTEGER	This counter is used to show the used thermal noise level value in the Rise over Thermal (RoT) measurement.	ME_NodeBFunction_Sector_Carrier_EDchResources.pmNoiseFloor_22	Sum	
pmNoiseFloor_23	ACCUMULATION	INTEGER	This counter is used to show the used thermal noise level value in the	ME_NodeBFunction_Sector_Carrier_EDchResources.pmNoiseFloor_23	Sum	

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			Rise over Thermal (RoT) measurement.			
pmNoiseFloor_24	ACCUMULATION	INTEGER	This counter is used to show the used thermal noise level value in the Rise over Thermal (RoT) measurement.	ME_NodeBFunction_Sector_Carrier_EDchResources.pmNoiseFloor_24	Sum	
pmNoiseFloor_25	ACCUMULATION	INTEGER	This counter is used to show the used thermal noise level value in the Rise over Thermal (RoT) measurement.	ME_NodeBFunction_Sector_Carrier_EDchResources.pmNoiseFloor_25	Sum	
pmNoiseFloor_26	ACCUMULATION	INTEGER	This counter is used to show the used thermal noise level value in the Rise over Thermal (RoT) measurement.	ME_NodeBFunction_Sector_Carrier_EDchResources.pmNoiseFloor_26	Sum	
pmNoiseFloor_27	ACCUMULATION	INTEGER	This counter is used to show the used thermal noise level	ME_NodeBFunction_Sector_Carrier_EDchResources.pmNoiseFloor_27	Sum	

			value in the Rise over Thermal (RoT) measurement.			
pmNoiseFloor_28	ACCUMULATION	INTEGER	This counter is used to show the used thermal noise level value in the Rise over Thermal (RoT) measurement.	ME_NodeBFunction_Sector_Carrier_EDchResources.pmNoiseFloor_28	Sum	
pmNoiseFloor_29	ACCUMULATION	INTEGER	This counter is used to show the used thermal noise level value in the Rise over Thermal (RoT) measurement.	ME_NodeBFunction_Sector_Carrier_EDchResources.pmNoiseFloor_29	Sum	
pmNoiseFloor_2	ACCUMULATION	INTEGER	This counter is used to show the used thermal noise level value in the Rise over Thermal (RoT) measurement.	ME_NodeBFunction_Sector_Carrier_EDchResources.pmNoiseFloor_2	Sum	

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pmNoiseFloor_30	ACCUMULATION	INTEGER	This counter is used to show the used thermal noise level value in the Rise over Thermal (RoT) measurement.	ME_NodeBFunction_Sector_Carrier_EDchResources.pmNoiseFloor_30	Sum	
pmNoiseFloor_31	ACCUMULATION	INTEGER	This counter is used to show the used thermal noise level value in the Rise over Thermal (RoT) measurement.	ME_NodeBFunction_Sector_Carrier_EDchResources.pmNoiseFloor_31	Sum	
pmNoiseFloor_32	ACCUMULATION	INTEGER	This counter is used to show the used thermal noise level value in the Rise over Thermal (RoT) measurement.	ME_NodeBFunction_Sector_Carrier_EDchResources.pmNoiseFloor_32	Sum	
pmNoiseFloor_33	ACCUMULATION	INTEGER	This counter is used to show the used thermal noise level value in the Rise over Thermal (RoT) measurement.	ME_NodeBFunction_Sector_Carrier_EDchResources.pmNoiseFloor_33	Sum	

pmNoiseFloor_34	ACCUMULATION	INTEGER	This counter is used to show the used thermal noise level value in the Rise over Thermal (RoT) measurement.	ME_NodeBFunction_Sector_Carrier_EDchResources.pmNoiseFloor_34	Sum	
pmNoiseFloor_35	ACCUMULATION	INTEGER	This counter is used to show the used thermal noise level value in the Rise over Thermal (RoT) measurement.	ME_NodeBFunction_Sector_Carrier_EDchResources.pmNoiseFloor_35	Sum	
pmNoiseFloor_36	ACCUMULATION	INTEGER	This counter is used to show the used thermal noise level value in the Rise over Thermal (RoT) measurement.	ME_NodeBFunction_Sector_Carrier_EDchResources.pmNoiseFloor_36	Sum	
pmNoiseFloor_37	ACCUMULATION	INTEGER	This counter is used to show the used thermal noise level value in the	ME_NodeBFunction_Sector_Carrier_EDchResources.pmNoiseFloor_37	Sum	

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			Rise over Thermal (RoT) measurement.			
pmNoiseFloor_38	ACCUMULATION	INTEGER	This counter is used to show the used thermal noise level value in the Rise over Thermal (RoT) measurement.	ME_NodeBFunction_Sector_Carrier_EDchResources.pmNoiseFloor_38	Sum	
pmNoiseFloor_39	ACCUMULATION	INTEGER	This counter is used to show the used thermal noise level value in the Rise over Thermal (RoT) measurement.	ME_NodeBFunction_Sector_Carrier_EDchResources.pmNoiseFloor_39	Sum	
pmNoiseFloor_3	ACCUMULATION	INTEGER	This counter is used to show the used thermal noise level value in the Rise over Thermal (RoT) measurement.	ME_NodeBFunction_Sector_Carrier_EDchResources.pmNoiseFloor_3	Sum	
pmNoiseFloor_40	ACCUMULATION	INTEGER	This counter is used to show the used thermal noise level	ME_NodeBFunction_Sector_Carrier_EDchResources.pmNoiseFloor_40	Sum	

			value in the Rise over Thermal (RoT) measurement.			
pmNoiseFloor_41	ACCUMULATION	INTEGER	This counter is used to show the used thermal noise level value in the Rise over Thermal (RoT) measurement.	ME_NodeBFunction_Sector_Carrier_EDchResources.pmNoiseFloor_41	Sum	
pmNoiseFloor_42	ACCUMULATION	INTEGER	This counter is used to show the used thermal noise level value in the Rise over Thermal (RoT) measurement.	ME_NodeBFunction_Sector_Carrier_EDchResources.pmNoiseFloor_42	Sum	
pmNoiseFloor_43	ACCUMULATION	INTEGER	This counter is used to show the used thermal noise level value in the Rise over Thermal (RoT) measurement.	ME_NodeBFunction_Sector_Carrier_EDchResources.pmNoiseFloor_43	Sum	

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pmNoiseFloor_44	ACCUMULATION	INTEGER	This counter is used to show the used thermal noise level value in the Rise over Thermal (RoT) measurement.	ME_NodeBFunction_Sector_Carrier_EDchResources.pmNoiseFloor_44	Sum	
pmNoiseFloor_45	ACCUMULATION	INTEGER	This counter is used to show the used thermal noise level value in the Rise over Thermal (RoT) measurement.	ME_NodeBFunction_Sector_Carrier_EDchResources.pmNoiseFloor_45	Sum	
pmNoiseFloor_46	ACCUMULATION	INTEGER	This counter is used to show the used thermal noise level value in the Rise over Thermal (RoT) measurement.	ME_NodeBFunction_Sector_Carrier_EDchResources.pmNoiseFloor_46	Sum	
pmNoiseFloor_47	ACCUMULATION	INTEGER	This counter is used to show the used thermal noise level value in the Rise over Thermal (RoT) measurement.	ME_NodeBFunction_Sector_Carrier_EDchResources.pmNoiseFloor_47	Sum	

pmNoiseFloor_48	ACCUMULATION	INTEGER	This counter is used to show the used thermal noise level value in the Rise over Thermal (RoT) measurement.	ME_NodeBFunction_Sector_Carrier_EDchResources.pmNoiseFloor_48	Sum	
pmNoiseFloor_49	ACCUMULATION	INTEGER	This counter is used to show the used thermal noise level value in the Rise over Thermal (RoT) measurement.	ME_NodeBFunction_Sector_Carrier_EDchResources.pmNoiseFloor_49	Sum	
pmNoiseFloor_4	ACCUMULATION	INTEGER	This counter is used to show the used thermal noise level value in the Rise over Thermal (RoT) measurement.	ME_NodeBFunction_Sector_Carrier_EDchResources.pmNoiseFloor_4	Sum	
pmNoiseFloor_50	ACCUMULATION	INTEGER	This counter is used to show the used thermal noise level value in the	ME_NodeBFunction_Sector_Carrier_EDchResources.pmNoiseFloor_50	Sum	

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			Rise over Thermal (RoT) measurement.			
pmNoiseFloor_51	ACCUMULATION	INTEGER	This counter is used to show the used thermal noise level value in the Rise over Thermal (RoT) measurement.	ME_NodeBFunction_Sector_Carrier_EDchResources.pmNoiseFloor_51	Sum	
pmNoiseFloor_52	ACCUMULATION	INTEGER	This counter is used to show the used thermal noise level value in the Rise over Thermal (RoT) measurement.	ME_NodeBFunction_Sector_Carrier_EDchResources.pmNoiseFloor_52	Sum	
pmNoiseFloor_53	ACCUMULATION	INTEGER	This counter is used to show the used thermal noise level value in the Rise over Thermal (RoT) measurement.	ME_NodeBFunction_Sector_Carrier_EDchResources.pmNoiseFloor_53	Sum	
pmNoiseFloor_54	ACCUMULATION	INTEGER	This counter is used to show the used thermal noise level	ME_NodeBFunction_Sector_Carrier_EDchResources.pmNoiseFloor_54	Sum	

			value in the Rise over Thermal (RoT) measurement.			
pmNoiseFloor_55	ACCUMULATION	INTEGER	This counter is used to show the used thermal noise level value in the Rise over Thermal (RoT) measurement.	ME_NodeBFunction_Sector_Carrier_EDchResources.pmNoiseFloor_55	Sum	
pmNoiseFloor_5	ACCUMULATION	INTEGER	This counter is used to show the used thermal noise level value in the Rise over Thermal (RoT) measurement.	ME_NodeBFunction_Sector_Carrier_EDchResources.pmNoiseFloor_5	Sum	
pmNoiseFloor_6	ACCUMULATION	INTEGER	This counter is used to show the used thermal noise level value in the Rise over Thermal (RoT) measurement.	ME_NodeBFunction_Sector_Carrier_EDchResources.pmNoiseFloor_6	Sum	

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pmNoiseFloor_7	ACCUMULATION	INTEGER	This counter is used to show the used thermal noise level value in the Rise over Thermal (RoT) measurement.	ME_NodeBFunction_Sector_Carrier_EDchResources.pmNoiseFloor_7	Sum	
pmNoiseFloor_8	ACCUMULATION	INTEGER	This counter is used to show the used thermal noise level value in the Rise over Thermal (RoT) measurement.	ME_NodeBFunction_Sector_Carrier_EDchResources.pmNoiseFloor_8	Sum	
pmNoiseFloor_9	ACCUMULATION	INTEGER	This counter is used to show the used thermal noise level value in the Rise over Thermal (RoT) measurement.	ME_NodeBFunction_Sector_Carrier_EDchResources.pmNoiseFloor_9	Sum	

7.12.37CDMA_Channel.Ericsson.UMTS.PDF_pmNoSchEdchEul

pmNoSchEdchEul PDF counters

KPI	Type	Data Type	Description	Derivation	Default Aggregator	Other Aggregators
pmNoSchEdchEul_0	ACCUMULATION	INTEGER	This counter shows the	ME_NodeBFunction_Sector_Carrier_EDchResources.pmNoSchEdchEul_0	Sum	

			total number of simultaneous scheduled E-DCH users having a rate greater than 0 kbits/s.			
pmNoSchEdchEul_10	ACCUMULATION	INTEGER	This counter shows the total number of simultaneous scheduled E-DCH users having a rate greater than 0 kbits/s.	ME_NodeBFunction_Sector_Carrier_EDchResources.pmNoSchEdchEul_10	Sum	
pmNoSchEdchEul_11	ACCUMULATION	INTEGER	This counter shows the total number of simultaneous scheduled E-DCH users having a rate greater than 0 kbits/s.	ME_NodeBFunction_Sector_Carrier_EDchResources.pmNoSchEdchEul_11	Sum	

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pmNoSchEdchEul_12	ACCUMULATION	INTEGER	This counter shows the total number of simultaneous scheduled E-DCH users having a rate greater than 0 kbits/s.	ME_NodeBFunction_Sector_Carrier_EDchResources.pmNoSchEdchEul_12	Sum	
pmNoSchEdchEul_13	ACCUMULATION	INTEGER	This counter shows the total number of simultaneous scheduled E-DCH users having a rate greater than 0 kbits/s.	ME_NodeBFunction_Sector_Carrier_EDchResources.pmNoSchEdchEul_13	Sum	
pmNoSchEdchEul_14	ACCUMULATION	INTEGER	This counter shows the total number of simultaneous scheduled E-DCH users having a rate greater than 0 kbits/s.	ME_NodeBFunction_Sector_Carrier_EDchResources.pmNoSchEdchEul_14	Sum	
pmNoSchEdchEul_15	ACCUMULATION	INTEGER	This counter	ME_NodeBFunction_Sector_Carrier_EDchResourc	Sum	

			shows the total number of simultaneous scheduled E-DCH users having a rate greater than 0 kbits/s.	es.pmNoSchEdchEul_15		
pmNoSchEdchEul_16	ACCUMULATION	INTEGER	This counter shows the total number of simultaneous scheduled E-DCH users having a rate greater than 0 kbits/s.	ME_NodeBFunction_Sector_Carrier_EDchResources.pmNoSchEdchEul_16	Sum	
pmNoSchEdchEul_17	ACCUMULATION	INTEGER	This counter shows the total number of simultaneous scheduled E-DCH users having a rate greater than 0 kbits/s.	ME_NodeBFunction_Sector_Carrier_EDchResources.pmNoSchEdchEul_17	Sum	

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pmNoSchEdchEul_18	ACCUMULATION	INTEGER	This counter shows the total number of simultaneous scheduled E-DCH users having a rate greater than 0 kbits/s.	ME_NodeBFunction_Sector_Carrier_EDchResources.pmNoSchEdchEul_18	Sum	
pmNoSchEdchEul_19	ACCUMULATION	INTEGER	This counter shows the total number of simultaneous scheduled E-DCH users having a rate greater than 0 kbits/s.	ME_NodeBFunction_Sector_Carrier_EDchResources.pmNoSchEdchEul_19	Sum	
pmNoSchEdchEul_1	ACCUMULATION	INTEGER	This counter shows the total number of simultaneous scheduled E-DCH users having a rate greater than 0 kbits/s.	ME_NodeBFunction_Sector_Carrier_EDchResources.pmNoSchEdchEul_1	Sum	
pmNoSchEdchEul_20	ACCUMULATION	INTEGER	This counter	ME_NodeBFunction_Sector_Carrier_EDchResourc	Sum	

			shows the total number of simultaneous scheduled E-DCH users having a rate greater than 0 kbits/s.	es.pmNoSchEdchEul_20		
pmNoSchEdchEul_2	ACCUMULATION	INTEGER	This counter shows the total number of simultaneous scheduled E-DCH users having a rate greater than 0 kbits/s.	ME_NodeBFunction_Sector_Carrier_EDchResources.pmNoSchEdchEul_2	Sum	
pmNoSchEdchEul_3	ACCUMULATION	INTEGER	This counter shows the total number of simultaneous scheduled E-DCH users having a rate greater than 0 kbits/s.	ME_NodeBFunction_Sector_Carrier_EDchResources.pmNoSchEdchEul_3	Sum	

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pmNoSchEdchEul_4	ACCUMULATION	INTEGER	This counter shows the total number of simultaneous scheduled E-DCH users having a rate greater than 0 kbits/s.	ME_NodeBFunction_Sector_Carrier_EDchResources.pmNoSchEdchEul_4	Sum	
pmNoSchEdchEul_5	ACCUMULATION	INTEGER	This counter shows the total number of simultaneous scheduled E-DCH users having a rate greater than 0 kbits/s.	ME_NodeBFunction_Sector_Carrier_EDchResources.pmNoSchEdchEul_5	Sum	
pmNoSchEdchEul_6	ACCUMULATION	INTEGER	This counter shows the total number of simultaneous scheduled E-DCH users having a rate greater than 0 kbits/s.	ME_NodeBFunction_Sector_Carrier_EDchResources.pmNoSchEdchEul_6	Sum	
pmNoSchEdchEul_7	ACCUMULATION	INTEGER	This counter	ME_NodeBFunction_Sector_Carrier_EDchResourc	Sum	

			shows the total number of simultaneous scheduled E-DCH users having a rate greater than 0 kbits/s.	es.pmNoSchEdchEul_7		
pmNoSchEdchEul_8	ACCUMULATION	INTEGER	This counter shows the total number of simultaneous scheduled E-DCH users having a rate greater than 0 kbits/s.	ME_NodeBFunction_Sector_Carrier_EDchResources.pmNoSchEdchEul_8	Sum	
pmNoSchEdchEul_9	ACCUMULATION	INTEGER	This counter shows the total number of simultaneous scheduled E-DCH users having a rate greater than 0 kbits/s.	ME_NodeBFunction_Sector_Carrier_EDchResources.pmNoSchEdchEul_9	Sum	

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7.12.38CDMA_Channel.Ericsson.UMTS.PDF_pmOwnUuLoad

pmOwnUuLoad PDF counters

KPI	Type	Data Type	Description	Derivation	Default Aggregator	Other Aggregators
pmOwnUuLoad_0	ACCUMULATION	INTEGER	Counter per cell for the power-controlled noise rise caused by the intra-cell interference that affects the Uu load.	ME_NodeBFunction_Sector_Carrier_EDchResources.pmOwnUuLoad_0	Sum	
pmOwnUuLoad_10	ACCUMULATION	INTEGER	Counter per cell for the power-controlled noise rise caused by the intra-cell interference that affects the Uu load.	ME_NodeBFunction_Sector_Carrier_EDchResources.pmOwnUuLoad_10	Sum	
pmOwnUuLoad_11	ACCUMULATION	INTEGER	Counter per cell for the power-controlled noise rise caused by the intra-cell interference that affects the Uu load.	ME_NodeBFunction_Sector_Carrier_EDchResources.pmOwnUuLoad_11	Sum	
pmOwnUuLoad_12	ACCUMULATION	INTEGER	Counter per cell for the power-	ME_NodeBFunction_Sector_Carrier_EDchResources.pmOwnUuLoad_12	Sum	

			controlled noise rise caused by the intra-cell interference that affects the Uu load.			
pmOwnUuLoad_13	ACCUMULATION	INTEGER	Counter per cell for the power-controlled noise rise caused by the intra-cell interference that affects the Uu load.	ME_NodeBFunction_Sector_Carrier_EDchResources.pmOwnUuLoad_13	Sum	
pmOwnUuLoad_14	ACCUMULATION	INTEGER	Counter per cell for the power-controlled noise rise caused by the intra-cell interference that affects the Uu load.	ME_NodeBFunction_Sector_Carrier_EDchResources.pmOwnUuLoad_14	Sum	
pmOwnUuLoad_15	ACCUMULATION	INTEGER	Counter per cell for the power-controlled noise rise caused by the intra-cell interference	ME_NodeBFunction_Sector_Carrier_EDchResources.pmOwnUuLoad_15	Sum	

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			that affects the Uu load.		
pmOwnUuLoad_16	ACCUMULATION	INTEGER	Counter per cell for the power-controlled noise rise caused by the intra-cell interference that affects the Uu load.	ME_NodeBFunction_Sector_Carrier_EDchResources.pmOwnUuLoad_16	Sum
pmOwnUuLoad_17	ACCUMULATION	INTEGER	Counter per cell for the power-controlled noise rise caused by the intra-cell interference that affects the Uu load.	ME_NodeBFunction_Sector_Carrier_EDchResources.pmOwnUuLoad_17	Sum
pmOwnUuLoad_18	ACCUMULATION	INTEGER	Counter per cell for the power-controlled noise rise caused by the intra-cell interference that affects the Uu load.	ME_NodeBFunction_Sector_Carrier_EDchResources.pmOwnUuLoad_18	Sum
pmOwnUuLoad_19	ACCUMULATION	INTEGER	Counter per cell for the power-controlled noise rise caused by the intra-cell	ME_NodeBFunction_Sector_Carrier_EDchResources.pmOwnUuLoad_19	Sum

			interference that affects the Uu load.			
pmOwnUuLoad_1	ACCUMULATION	INTEGER	Counter per cell for the power-controlled noise rise caused by the intra-cell interference that affects the Uu load.	ME_NodeBFunction_Sector_Carrier_EDchResources.pmOwnUuLoad_1	Sum	
pmOwnUuLoad_20	ACCUMULATION	INTEGER	Counter per cell for the power-controlled noise rise caused by the intra-cell interference that affects the Uu load.	ME_NodeBFunction_Sector_Carrier_EDchResources.pmOwnUuLoad_20	Sum	
pmOwnUuLoad_21	ACCUMULATION	INTEGER	Counter per cell for the power-controlled noise rise caused by the intra-cell interference that affects the Uu load.	ME_NodeBFunction_Sector_Carrier_EDchResources.pmOwnUuLoad_21	Sum	
pmOwnUuLoad_22	ACCUMULATION	INTEGER	Counter per cell for the	ME_NodeBFunction_Sector_Carrier_EDchResources	Sum	

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			power-controlled noise rise caused by the intra-cell interference that affects the Uu load.	rces.pmOwnUuLoad_22		
pmOwnUuLoad_23	ACCUMULATION	INTEGER	Counter per cell for the power-controlled noise rise caused by the intra-cell interference that affects the Uu load.	ME_NodeBFunction_Sector_Carrier_EDchResources.pmOwnUuLoad_23	Sum	
pmOwnUuLoad_24	ACCUMULATION	INTEGER	Counter per cell for the power-controlled noise rise caused by the intra-cell interference that affects the Uu load.	ME_NodeBFunction_Sector_Carrier_EDchResources.pmOwnUuLoad_24	Sum	
pmOwnUuLoad_25	ACCUMULATION	INTEGER	Counter per cell for the power-controlled noise rise caused by the intra-cell interference that affects the Uu load.	ME_NodeBFunction_Sector_Carrier_EDchResources.pmOwnUuLoad_25	Sum	
pmOwnUuLoad	ACCUMULATION	INTEGER	Counter per	ME_NodeBFunction_Se	Sum	

d_26	TION	ER	cell for the power-controlled noise rise caused by the intra-cell interference that affects the Uu load.	ctor_Carrier_EDchResources.pmOwnUuLoad_26		
pmOwnUuLoad_27	ACCUMULATION	INTEGER	Counter per cell for the power-controlled noise rise caused by the intra-cell interference that affects the Uu load.	ME_NodeBFunction_Sector_Carrier_EDchResources.pmOwnUuLoad_27	Sum	
pmOwnUuLoad_28	ACCUMULATION	INTEGER	Counter per cell for the power-controlled noise rise caused by the intra-cell interference that affects the Uu load.	ME_NodeBFunction_Sector_Carrier_EDchResources.pmOwnUuLoad_28	Sum	
pmOwnUuLoad_29	ACCUMULATION	INTEGER	Counter per cell for the power-controlled noise rise caused by the intra-	ME_NodeBFunction_Sector_Carrier_EDchResources.pmOwnUuLoad_29	Sum	

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			cell interference that affects the Uu load.			
pmOwnUuLoad_2	ACCUMULATION	INTEGER	Counter per cell for the power-controlled noise rise caused by the intra-cell interference that affects the Uu load.	ME_NodeBFunction_Sector_Carrier_EDchResources.pmOwnUuLoad_2	Sum	
pmOwnUuLoad_30	ACCUMULATION	INTEGER	Counter per cell for the power-controlled noise rise caused by the intra-cell interference that affects the Uu load.	ME_NodeBFunction_Sector_Carrier_EDchResources.pmOwnUuLoad_30	Sum	
pmOwnUuLoad_31	ACCUMULATION	INTEGER	Counter per cell for the power-controlled noise rise caused by the intra-cell interference that affects the Uu load.	ME_NodeBFunction_Sector_Carrier_EDchResources.pmOwnUuLoad_31	Sum	
pmOwnUuLoad_32	ACCUMULATION	INTEGER	Counter per cell for the power-controlled noise rise caused by	ME_NodeBFunction_Sector_Carrier_EDchResources.pmOwnUuLoad_32	Sum	

			the intra-cell interference that affects the Uu load.			
pmOwnUuLoad_33	ACCUMULATION	INTEGER	Counter per cell for the power-controlled noise rise caused by the intra-cell interference that affects the Uu load.	ME_NodeBFunction_Sector_Carrier_EDchResources.pmOwnUuLoad_33	Sum	
pmOwnUuLoad_34	ACCUMULATION	INTEGER	Counter per cell for the power-controlled noise rise caused by the intra-cell interference that affects the Uu load.	ME_NodeBFunction_Sector_Carrier_EDchResources.pmOwnUuLoad_34	Sum	
pmOwnUuLoad_35	ACCUMULATION	INTEGER	Counter per cell for the power-controlled noise rise caused by the intra-cell interference that affects the Uu load.	ME_NodeBFunction_Sector_Carrier_EDchResources.pmOwnUuLoad_35	Sum	

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pmOwnUuLoad_36	ACCUMULATION	INTEGER	Counter per cell for the power-controlled noise rise caused by the intra-cell interference that affects the Uu load.	ME_NodeBFunction_Sector_Carrier_EDchResources.pmOwnUuLoad_36	Sum	
pmOwnUuLoad_37	ACCUMULATION	INTEGER	Counter per cell for the power-controlled noise rise caused by the intra-cell interference that affects the Uu load.	ME_NodeBFunction_Sector_Carrier_EDchResources.pmOwnUuLoad_37	Sum	
pmOwnUuLoad_38	ACCUMULATION	INTEGER	Counter per cell for the power-controlled noise rise caused by the intra-cell interference that affects the Uu load.	ME_NodeBFunction_Sector_Carrier_EDchResources.pmOwnUuLoad_38	Sum	
pmOwnUuLoad_39	ACCUMULATION	INTEGER	Counter per cell for the power-controlled noise rise caused by the intra-cell interference that affects the Uu load.	ME_NodeBFunction_Sector_Carrier_EDchResources.pmOwnUuLoad_39	Sum	

pmOwnUuLoad_3	ACCUMULATION	INTEGER	Counter per cell for the power-controlled noise rise caused by the intra-cell interference that affects the Uu load.	ME_NodeBFunction_Sector_Carrier_EDchResources.pmOwnUuLoad_3	Sum	
pmOwnUuLoad_40	ACCUMULATION	INTEGER	Counter per cell for the power-controlled noise rise caused by the intra-cell interference that affects the Uu load.	ME_NodeBFunction_Sector_Carrier_EDchResources.pmOwnUuLoad_40	Sum	
pmOwnUuLoad_41	ACCUMULATION	INTEGER	Counter per cell for the power-controlled noise rise caused by the intra-cell interference that affects the Uu load.	ME_NodeBFunction_Sector_Carrier_EDchResources.pmOwnUuLoad_41	Sum	
pmOwnUuLoad_42	ACCUMULATION	INTEGER	Counter per cell for the power-controlled noise rise caused by	ME_NodeBFunction_Sector_Carrier_EDchResources.pmOwnUuLoad_42	Sum	

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			the intra-cell interference that affects the Uu load.			
pmOwnUuLoad_43	ACCUMULATION	INTEGER	Counter per cell for the power-controlled noise rise caused by the intra-cell interference that affects the Uu load.	ME_NodeBFunction_Sector_Carrier_EDchResources.pmOwnUuLoad_43	Sum	
pmOwnUuLoad_44	ACCUMULATION	INTEGER	Counter per cell for the power-controlled noise rise caused by the intra-cell interference that affects the Uu load.	ME_NodeBFunction_Sector_Carrier_EDchResources.pmOwnUuLoad_44	Sum	
pmOwnUuLoad_45	ACCUMULATION	INTEGER	Counter per cell for the power-controlled noise rise caused by the intra-cell interference that affects the Uu load.	ME_NodeBFunction_Sector_Carrier_EDchResources.pmOwnUuLoad_45	Sum	
pmOwnUuLoad_46	ACCUMULATION	INTEGER	Counter per cell for the power-controlled noise rise	ME_NodeBFunction_Sector_Carrier_EDchResources.pmOwnUuLoad_46	Sum	

			caused by the intra-cell interference that affects the Uu load.			
pmOwnUuLoad_47	ACCUMULATION	INTEGER	Counter per cell for the power-controlled noise rise caused by the intra-cell interference that affects the Uu load.	ME_NodeBFunction_Sector_Carrier_EDchResources.pmOwnUuLoad_47	Sum	
pmOwnUuLoad_48	ACCUMULATION	INTEGER	Counter per cell for the power-controlled noise rise caused by the intra-cell interference that affects the Uu load.	ME_NodeBFunction_Sector_Carrier_EDchResources.pmOwnUuLoad_48	Sum	
pmOwnUuLoad_49	ACCUMULATION	INTEGER	Counter per cell for the power-controlled noise rise caused by the intra-cell interference that affects the Uu load.	ME_NodeBFunction_Sector_Carrier_EDchResources.pmOwnUuLoad_49	Sum	

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pmOwnUuLoad_4	ACCUMULATION	INTEGER	Counter per cell for the power-controlled noise rise caused by the intra-cell interference that affects the Uu load.	ME_NodeBFunction_Sector_Carrier_EDchResources.pmOwnUuLoad_4	Sum	
pmOwnUuLoad_50	ACCUMULATION	INTEGER	Counter per cell for the power-controlled noise rise caused by the intra-cell interference that affects the Uu load.	ME_NodeBFunction_Sector_Carrier_EDchResources.pmOwnUuLoad_50	Sum	
pmOwnUuLoad_5	ACCUMULATION	INTEGER	Counter per cell for the power-controlled noise rise caused by the intra-cell interference that affects the Uu load.	ME_NodeBFunction_Sector_Carrier_EDchResources.pmOwnUuLoad_5	Sum	
pmOwnUuLoad_6	ACCUMULATION	INTEGER	Counter per cell for the power-controlled noise rise caused by the intra-cell interference that affects the Uu load.	ME_NodeBFunction_Sector_Carrier_EDchResources.pmOwnUuLoad_6	Sum	

pmOwnUuLoad_7	ACCUMULATION	INTEGER	Counter per cell for the power-controlled noise rise caused by the intra-cell interference that affects the Uu load.	ME_NodeBFunction_Sector_Carrier_EDchResources.pmOwnUuLoad_7	Sum	
pmOwnUuLoad_8	ACCUMULATION	INTEGER	Counter per cell for the power-controlled noise rise caused by the intra-cell interference that affects the Uu load.	ME_NodeBFunction_Sector_Carrier_EDchResources.pmOwnUuLoad_8	Sum	
pmOwnUuLoad_9	ACCUMULATION	INTEGER	Counter per cell for the power-controlled noise rise caused by the intra-cell interference that affects the Uu load.	ME_NodeBFunction_Sector_Carrier_EDchResources.pmOwnUuLoad_9	Sum	

7.12.39CDMA_Channel.Ericsson.UMTS.PDF_pmPropagationDelay

pmPropagationDelay PDF counters

KPI	Type	Data	Description	Derivation	Default	Other
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		Type			Aggregator	Aggregators
pmPropagationDelay_0	ACCUMULATION	INTEGER	Propagation delay for the cell. Propagation delay is measured on RACH messages with correct CRC. A sample is taken from each detected preamble with successful detected message.	ME_NodeBFunction_Sector_Carrier_Prach. pmPropagationDelay_0	Sum	
pmPropagationDelay_10	ACCUMULATION	INTEGER	Propagation delay for the cell. Propagation delay is measured on RACH messages with correct CRC. A sample is taken from each detected preamble with successful detected message.	ME_NodeBFunction_Sector_Carrier_Prach. pmPropagationDelay_10	Sum	
pmPropagationDelay_11	ACCUMULATION	INTEGER	Propagation delay for the cell. Propagation	ME_NodeBFunction_Sector_Carrier_Prach. pmPropagationDelay_11	Sum	

			delay is measured on RACH messages with correct CRC. A sample is taken from each detected preamble with succesful detected message.			
pmPropagationDelay_12	ACCUMULATION	INTEGER	Propagation delay for the cell. Propagation delay is measured on RACH messages with correct CRC. A sample is taken from each detected preamble with succesful detected message.	ME_NodeBFunction_Sector_Carrier_Prach. pmPropagationDelay_12	Sum	
pmPropagationDelay_13	ACCUMULATION	INTEGER	Propagation delay for the cell. Propagation delay is measured	ME_NodeBFunction_Sector_Carrier_Prach. pmPropagationDelay_13	Sum	

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			on RACH messages with correct CRC. A sample is taken from each detected preamble with succesful detected message.		
pmPropagationDelay_14	ACCUMULATION	INTEGER	Propagation delay for the cell. Propagation delay is measured on RACH messages with correct CRC. A sample is taken from each detected preamble with succesful detected message.	ME_NodeBFunction_Sector_Carrier_Prach. pmPropagationDelay_14	Sum
pmPropagationDelay_15	ACCUMULATION	INTEGER	Propagation delay for the cell. Propagation delay is measured on RACH messages with correct CRC. A sample is taken from each	ME_NodeBFunction_Sector_Carrier_Prach. pmPropagationDelay_15	Sum

			detected preamble with successful detected message.			
pmPropagationDelay_16	ACCUMULATION	INTEGER	Propagation delay for the cell. Propagation delay is measured on RACH messages with correct CRC. A sample is taken from each detected preamble with successful detected message.	ME_NodeBFunction_Sector_Carrier_Prach. pmPropagationDelay_16	Sum	
pmPropagationDelay_17	ACCUMULATION	INTEGER	Propagation delay for the cell. Propagation delay is measured on RACH messages with correct CRC. A sample is taken from each detected preamble	ME_NodeBFunction_Sector_Carrier_Prach. pmPropagationDelay_17	Sum	

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			with successful detected message.			
pmPropagationDelay_18	ACCUMULATION	INTEGER	Propagation delay for the cell. Propagation delay is measured on RACH messages with correct CRC. A sample is taken from each detected preamble with successful detected message.	ME_NodeBFunction_Sector_Carrier_Prach. pmPropagationDelay_18	Sum	
pmPropagationDelay_19	ACCUMULATION	INTEGER	Propagation delay for the cell. Propagation delay is measured on RACH messages with correct CRC. A sample is taken from each detected preamble with successful detected message.	ME_NodeBFunction_Sector_Carrier_Prach. pmPropagationDelay_19	Sum	
pmPropagationDelay_1	ACCUMULATION	INTEGER	Propagation delay for	ME_NodeBFunction_Sector_Carrier_Prach.	Sum	

			the cell. Propagation delay is measured on RACH messages with correct CRC. A sample is taken from each detected preamble with succesful detected message.	pmPropagationDelay_1		
pmPropagationDelay_20	ACCUMULATION	INTEGER	Propagation delay for the cell. Propagation delay is measured on RACH messages with correct CRC. A sample is taken from each detected preamble with succesful detected message.	ME_NodeBFunction_Sector_Carrier_Prach_pmPropagationDelay_20	Sum	
pmPropagationDelay_21	ACCUMULATION	INTEGER	Propagation delay for the cell. Propagation	ME_NodeBFunction_Sector_Carrier_Prach_pmPropagationDelay_21	Sum	

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			delay is measured on RACH messages with correct CRC. A sample is taken from each detected preamble with succesful detected message.			
pmPropagationDelay_22	ACCUMULATION	INTEGER	Propagation delay for the cell. Propagation delay is measured on RACH messages with correct CRC. A sample is taken from each detected preamble with succesful detected message.	ME_NodeBFunction_Sector_Carrier_Prach. pmPropagationDelay_22	Sum	
pmPropagationDelay_23	ACCUMULATION	INTEGER	Propagation delay for the cell. Propagation delay is measured on RACH messages with correct CRC. A sample is	ME_NodeBFunction_Sector_Carrier_Prach. pmPropagationDelay_23	Sum	

			taken from each detected preamble with succesful detected message.			
pmPropagationDelay_24	ACCUMULATION	INTEGER	Propagation delay for the cell. Propagation delay is measured on RACH messages with correct CRC. A sample is taken from each detected preamble with succesful detected message.	ME_NodeBFunction_Sector_Carrier_Prach. pmPropagationDelay_24	Sum	
pmPropagationDelay_25	ACCUMULATION	INTEGER	Propagation delay for the cell. Propagation delay is measured on RACH messages with correct CRC. A sample is taken from each	ME_NodeBFunction_Sector_Carrier_Prach. pmPropagationDelay_25	Sum	

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			detected preamble with succesful detected message.			
pmPropagationDelay_26	ACCUMULATION	INTEGER	Propagation delay for the cell. Propagation delay is measured on RACH messages with correct CRC. A sample is taken from each detected preamble with succesful detected message.	ME_NodeBFunction_Sector_Carrier_Prach. pmPropagationDelay_26	Sum	
pmPropagationDelay_27	ACCUMULATION	INTEGER	Propagation delay for the cell. Propagation delay is measured on RACH messages with correct CRC. A sample is taken from each detected preamble with succesful detected message.	ME_NodeBFunction_Sector_Carrier_Prach. pmPropagationDelay_27	Sum	

pmPropagationDelay_28	ACCUMULATION	INTEGER	Propagation delay for the cell. Propagation delay is measured on RACH messages with correct CRC. A sample is taken from each detected preamble with succesful detected message.	ME_NodeBFunction_Sector_Carrier_Prach. pmPropagationDelay_28	Sum	
pmPropagationDelay_29	ACCUMULATION	INTEGER	Propagation delay for the cell. Propagation delay is measured on RACH messages with correct CRC. A sample is taken from each detected preamble with succesful detected message.	ME_NodeBFunction_Sector_Carrier_Prach. pmPropagationDelay_29	Sum	
pmPropagationDelay_2	ACCUMULATION	INTEGER	Propagation delay for	ME_NodeBFunction_Sector_Carrier_Prach.	Sum	

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			the cell. Propagation delay is measured on RACH messages with correct CRC. A sample is taken from each detected preamble with succesful detected message.	pmPropagationDelay_2		
pmPropagationDelay_30	ACCUMULATION	INTEGER	Propagation delay for the cell. Propagation delay is measured on RACH messages with correct CRC. A sample is taken from each detected preamble with succesful detected message.	ME_NodeBFunction_Sector_Carrier_Prach_pmPropagationDelay_30	Sum	
pmPropagationDelay_31	ACCUMULATION	INTEGER	Propagation delay for the cell. Propagation delay is measured on RACH messages with correct	ME_NodeBFunction_Sector_Carrier_Prach_pmPropagationDelay_31	Sum	

			CRC. A sample is taken from each detected preamble with succesful detected message.			
pmPropagationDelay_32	ACCUMULATION	INTEGER	Propagation delay for the cell. Propagation delay is measured on RACH messages with correct CRC. A sample is taken from each detected preamble with succesful detected message.	ME_NodeBFunction_Sector_Carrier_Prach. pmPropagationDelay_32	Sum	
pmPropagationDelay_33	ACCUMULATION	INTEGER	Propagation delay for the cell. Propagation delay is measured on RACH messages with correct CRC. A sample is	ME_NodeBFunction_Sector_Carrier_Prach. pmPropagationDelay_33	Sum	

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			taken from each detected preamble with succesful detected message.			
pmPropagationDelay_34	ACCUMULATION	INTEGER	Propagation delay for the cell. Propagation delay is measured on RACH messages with correct CRC. A sample is taken from each detected preamble with succesful detected message.	ME_NodeBFunction_Sector_Carrier_Prach. pmPropagationDelay_34	Sum	
pmPropagationDelay_35	ACCUMULATION	INTEGER	Propagation delay for the cell. Propagation delay is measured on RACH messages with correct CRC. A sample is taken from each detected preamble with succesful detected	ME_NodeBFunction_Sector_Carrier_Prach. pmPropagationDelay_35	Sum	

			message.			
pmPropagationDelay_36	ACCUMULATION	INTEGER	Propagation delay for the cell. Propagation delay is measured on RACH messages with correct CRC. A sample is taken from each detected preamble with succesful detected message.	ME_NodeBFunction_Sector_Carrier_Prach. pmPropagationDelay_36	Sum	
pmPropagationDelay_37	ACCUMULATION	INTEGER	Propagation delay for the cell. Propagation delay is measured on RACH messages with correct CRC. A sample is taken from each detected preamble with succesful detected message.	ME_NodeBFunction_Sector_Carrier_Prach. pmPropagationDelay_37	Sum	

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pmPropagationDelay_38	ACCUMULATION	INTEGER	Propagation delay for the cell. Propagation delay is measured on RACH messages with correct CRC. A sample is taken from each detected preamble with succesful detected message.	ME_NodeBFunction_Sector_Carrier_Prach. pmPropagationDelay_38	Sum	
pmPropagationDelay_39	ACCUMULATION	INTEGER	Propagation delay for the cell. Propagation delay is measured on RACH messages with correct CRC. A sample is taken from each detected preamble with succesful detected message.	ME_NodeBFunction_Sector_Carrier_Prach. pmPropagationDelay_39	Sum	
pmPropagationDelay_3	ACCUMULATION	INTEGER	Propagation delay for the cell. Propagation delay is measured on RACH	ME_NodeBFunction_Sector_Carrier_Prach. pmPropagationDelay_3	Sum	

			messages with correct CRC. A sample is taken from each detected preamble with successful detected message.			
pmPropagationDelay_40	ACCUMULATION	INTEGER	Propagation delay for the cell. Propagation delay is measured on RACH messages with correct CRC. A sample is taken from each detected preamble with successful detected message.	ME_NodeBFunction_Sector_Carrier_Prach. pmPropagationDelay_40	Sum	
pmPropagationDelay_4	ACCUMULATION	INTEGER	Propagation delay for the cell. Propagation delay is measured on RACH messages with correct	ME_NodeBFunction_Sector_Carrier_Prach. pmPropagationDelay_4	Sum	

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			CRC. A sample is taken from each detected preamble with succesful detected message.		
pmPropagationDelay_5	ACCUMULATION	INTEGER	Propagation delay for the cell. Propagation delay is measured on RACH messages with correct CRC. A sample is taken from each detected preamble with succesful detected message.	ME_NodeBFunction_Sector_Carrier_Prach. pmPropagationDelay_5	Sum
pmPropagationDelay_6	ACCUMULATION	INTEGER	Propagation delay for the cell. Propagation delay is measured on RACH messages with correct CRC. A sample is taken from each detected preamble with	ME_NodeBFunction_Sector_Carrier_Prach. pmPropagationDelay_6	Sum

			successful detected message.			
pmPropagationDelay_7	ACCUMULATION	INTEGER	Propagation delay for the cell. Propagation delay is measured on RACH messages with correct CRC. A sample is taken from each detected preamble with successful detected message.	ME_NodeBFunction_Sector_Carrier_Prach. pmPropagationDelay_7	Sum	
pmPropagationDelay_8	ACCUMULATION	INTEGER	Propagation delay for the cell. Propagation delay is measured on RACH messages with correct CRC. A sample is taken from each detected preamble with successful detected	ME_NodeBFunction_Sector_Carrier_Prach. pmPropagationDelay_8	Sum	

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			message.			
pmPropagationDelay_9	ACCUMULATION	INTEGER	Propagation delay for the cell. Propagation delay is measured on RACH messages with correct CRC. A sample is taken from each detected preamble with successful detected message.	ME_NodeBFunction_Sector_Carrier_Prach.p mPropagationDelay_9	Sum	

7.12.40CDMA_Channel.Ericsson.UMTS.PDF_pmReceivedPreambleSir

pmReceivedPreambleSir PDF counters

KPI	Type	Data Type	Description	Derivation	Default Aggregator	Other Aggregators
pmReceivedPreambleSir_0	ACCUMULATION	INTEGER	The signal strength (SIR) of all access attempts (above the preamble threshold) except false detection (noise) on RACH.	ME_NodeBFunction_Sector_Carrier_Prach.p mReceivedPreambleSir_0	Sum	
pmReceivedPreambleSir_10	ACCUMULATION	INTEGER	The signal strength (SIR) of	ME_NodeBFunction_Sector_Carrier_Prach.p mReceivedPreambleSir	Sum	

			all access attempts (above the preamble threshold) except false detection (noise) on RACH.	_10		
pmReceivedPreambleSir_11	ACCUMULATION	INTEGER	The signal strength (SIR) of all access attempts (above the preamble threshold) except false detection (noise) on RACH.	ME_NodeBFunction_Sector_Carrier_Prach.p mReceivedPreambleSir_11	Sum	
pmReceivedPreambleSir_12	ACCUMULATION	INTEGER	The signal strength (SIR) of all access attempts (above the preamble threshold) except false detection (noise) on RACH.	ME_NodeBFunction_Sector_Carrier_Prach.p mReceivedPreambleSir_12	Sum	
pmReceivedPreambleSir_13	ACCUMULATION	INTEGER	The signal strength (SIR) of	ME_NodeBFunction_Sector_Carrier_Prach.p mReceivedPreambleSir	Sum	

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			all access attempts (above the preamble threshold) except false detection (noise) on RACH.	_13		
pmReceivedPreambleSir_14	ACCUMULATION	INTEGER	The signal strength (SIR) of all access attempts (above the preamble threshold) except false detection (noise) on RACH.	ME_NodeBFunction_Sector_Carrier_Prach.p mReceivedPreambleSir_14	Sum	
pmReceivedPreambleSir_15	ACCUMULATION	INTEGER	The signal strength (SIR) of all access attempts (above the preamble threshold) except false detection (noise) on RACH.	ME_NodeBFunction_Sector_Carrier_Prach.p mReceivedPreambleSir_15	Sum	
pmReceivedPreambleSir_16	ACCUMULATION	INTEGER	The signal strength (SIR) of all access attempts (above the preamble threshold)	ME_NodeBFunction_Sector_Carrier_Prach.p mReceivedPreambleSir_16	Sum	

			except false detection (noise) on RACH.			
pmReceivedPreambleSir_17	ACCUMULATION	INTEGER	The signal strength (SIR) of all access attempts (above the preamble threshold) except false detection (noise) on RACH.	ME_NodeBFunction_Sector_Carrier_Prach.p mReceivedPreambleSir_17	Sum	
pmReceivedPreambleSir_18	ACCUMULATION	INTEGER	The signal strength (SIR) of all access attempts (above the preamble threshold) except false detection (noise) on RACH.	ME_NodeBFunction_Sector_Carrier_Prach.p mReceivedPreambleSir_18	Sum	
pmReceivedPreambleSir_19	ACCUMULATION	INTEGER	The signal strength (SIR) of all access attempts (above the preamble threshold)	ME_NodeBFunction_Sector_Carrier_Prach.p mReceivedPreambleSir_19	Sum	

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			except false detection (noise) on RACH.			
pmReceivedPreambleSir_1	ACCUMULATION	INTEGER	The signal strength (SIR) of all access attempts (above the preamble threshold) except false detection (noise) on RACH.	ME_NodeBFunction_Sector_Carrier_Prach.p mReceivedPreambleSir_1	Sum	
pmReceivedPreambleSir_20	ACCUMULATION	INTEGER	The signal strength (SIR) of all access attempts (above the preamble threshold) except false detection (noise) on RACH.	ME_NodeBFunction_Sector_Carrier_Prach.p mReceivedPreambleSir_20	Sum	
pmReceivedPreambleSir_21	ACCUMULATION	INTEGER	The signal strength (SIR) of all access attempts (above the preamble threshold) except false detection (noise) on RACH.	ME_NodeBFunction_Sector_Carrier_Prach.p mReceivedPreambleSir_21	Sum	

pmReceivedPreambleSir_22	ACCUMULATION	INTEGER	The signal strength (SIR) of all access attempts (above the preamble threshold) except false detection (noise) on RACH.	ME_NodeBFunction_Sector_Carrier_Prach.p mReceivedPreambleSir_22	Sum	
pmReceivedPreambleSir_23	ACCUMULATION	INTEGER	The signal strength (SIR) of all access attempts (above the preamble threshold) except false detection (noise) on RACH.	ME_NodeBFunction_Sector_Carrier_Prach.p mReceivedPreambleSir_23	Sum	
pmReceivedPreambleSir_24	ACCUMULATION	INTEGER	The signal strength (SIR) of all access attempts (above the preamble threshold) except false detection (noise) on RACH.	ME_NodeBFunction_Sector_Carrier_Prach.p mReceivedPreambleSir_24	Sum	

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pmReceivedPreambleSir_25	ACCUMULATION	INTEGER	The signal strength (SIR) of all access attempts (above the preamble threshold) except false detection (noise) on RACH.	ME_NodeBFunction_Sector_Carrier_Prach.p mReceivedPreambleSir_25	Sum	
pmReceivedPreambleSir_26	ACCUMULATION	INTEGER	The signal strength (SIR) of all access attempts (above the preamble threshold) except false detection (noise) on RACH.	ME_NodeBFunction_Sector_Carrier_Prach.p mReceivedPreambleSir_26	Sum	
pmReceivedPreambleSir_2	ACCUMULATION	INTEGER	The signal strength (SIR) of all access attempts (above the preamble threshold) except false detection (noise) on RACH.	ME_NodeBFunction_Sector_Carrier_Prach.p mReceivedPreambleSir_2	Sum	
pmReceivedPreambleSir_3	ACCUMULATION	INTEGER	The signal strength (SIR) of all access attempts	ME_NodeBFunction_Sector_Carrier_Prach.p mReceivedPreambleSir_3	Sum	

			(above the preamble threshold) except false detection (noise) on RACH.			
pmReceivedPreambleSir_4	ACCUMULATION	INTEGER	The signal strength (SIR) of all access attempts (above the preamble threshold) except false detection (noise) on RACH.	ME_NodeBFunction_Sector_Carrier_Prach.p mReceivedPreambleSir_4	Sum	
pmReceivedPreambleSir_5	ACCUMULATION	INTEGER	The signal strength (SIR) of all access attempts (above the preamble threshold) except false detection (noise) on RACH.	ME_NodeBFunction_Sector_Carrier_Prach.p mReceivedPreambleSir_5	Sum	
pmReceivedPreambleSir_6	ACCUMULATION	INTEGER	The signal strength (SIR) of all access attempts	ME_NodeBFunction_Sector_Carrier_Prach.p mReceivedPreambleSir_6	Sum	

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			(above the preamble threshold) except false detection (noise) on RACH.			
pmReceivedPreambleSir_7	ACCUMULATION	INTEGER	The signal strength (SIR) of all access attempts (above the preamble threshold) except false detection (noise) on RACH.	ME_NodeBFunction_Sector_Carrier_Prach.p mReceivedPreambleSir_7	Sum	
pmReceivedPreambleSir_8	ACCUMULATION	INTEGER	The signal strength (SIR) of all access attempts (above the preamble threshold) except false detection (noise) on RACH.	ME_NodeBFunction_Sector_Carrier_Prach.p mReceivedPreambleSir_8	Sum	
pmReceivedPreambleSir_9	ACCUMULATION	INTEGER	The signal strength (SIR) of all access attempts (above the preamble threshold) except false	ME_NodeBFunction_Sector_Carrier_Prach.p mReceivedPreambleSir_9	Sum	

			detection (noise) on RACH.		
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7.12.41CDMA_Channel.Ericsson.UMTS.PDF_pmRemainingResourceCheck

pmRemainingResourceCheck PDF counters

KPI	Type	Data Type	Description	Derivation	Default Aggregator	Other Aggregators
pmRemainingResourceCheck_0	ACCUMULATION	INTEGER	The reason why it is not possible to schedule another high-speed user for immediate traffic.	ME_NodeBFunction_HsDschResources.pmRemainingResourceCheck_0	Sum	
pmRemainingResourceCheck_1	ACCUMULATION	INTEGER	The reason why it is not possible to schedule another high-speed	ME_NodeBFunction_HsDschResources.pmRemainingResourceCheck_1	Sum	

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			user for immediate traffic.			
pmRemainingResourceCheck_2	ACCUMULATION	INTEGER	The reason why it is not possible to schedule another high-speed user for immediate traffic.	ME_NodeBFunction_HsDschResources.pmRemainingResourceCheck_2	Sum	

7.12.42CDMA_Channel.Ericsson.UMTS.PDF_pmReportedCqi64Qam

pmReportedCqi64Qam PDF counters

KPI	Type	Data Type	Description	Derivation	Default Aggregator	Other Aggregators
pmReportedCqi64Qam_0	ACCUMULATION	INTEGER	The UE reported CQI received for a 64QAM-enabled HS-DSCH. Note that it is the true (unadjusted)	ME_NodeBFunction_HsDschResources.pmReportedCqi64Qam_0	Sum	

			CQI that is counted for 64QAM - enabled HS-DSCHs.			
pmReportedCqi64Qam_10	ACCUMULATION	INTEGER	The UE reported CQI received for a 64QAM - enabled HS-DSCH. Note that it is the true (unadjusted) CQI that is counted for 64QAM - enabled HS-DSCHs.	ME_NodeBFunction_HsDschResources.pmReportedCqi64Qam_10	Sum	
pmReportedCqi64Qam_11	ACCUMULATION	INTEGER	The UE reported CQI received for a 64QAM -	ME_NodeBFunction_HsDschResources.pmReportedCqi64Qam_11	Sum	

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			enabled HS-DSCH. Note that it is the true (unadjusted) CQI that is counted for 64QAM-enabled HS-DSCHs.		
pmReportedCqi64Qam_12	ACCUMULATION	INTEGER	The UE reported CQI received for a 64QAM-enabled HS-DSCH. Note that it is the true (unadjusted) CQI that is counted for 64QAM-enabled HS-DSCHs.	ME_NodeBFunction_HsDschResources.pmReportedCqi64Qam_12	Sum
pmReportedCqi64Qam_13	ACCUMULATION	INTEGER	The UE reported CQI receive	ME_NodeBFunction_HsDschResources.pmReportedCqi64Qam_13	Sum

			<p>d for a 64QAM - enabled HS-DSCH. Note that it is the true (unadjusted) CQI that is counted for 64QAM - enabled HS-DSCHs.</p>		
pmReportedCqi64Qam_14	ACCUMULATION	INTEGER	<p>The UE reported CQI received for a 64QAM - enabled HS-DSCH. Note that it is the true (unadjusted) CQI that is counted for 64QAM</p>	ME_NodeBFunction_HsDschResources.pmReportedCqi64Qam_14	Sum

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			- enabled HS- DSCHs.		
pmReportedCqi 64Qam_15	ACCUMULATION	INTEGER	The UE reported CQI received for a 64QAM - enabled HS-DSCH. Note that it is the true (unadjusted) CQI that is counted for 64QAM - enabled HS-DSCHs.	ME_NodeBFunction_HsDschResources.pmReportedCqi64Qam_15	Sum
pmReportedCqi 64Qam_16	ACCUMULATION	INTEGER	The UE reported CQI received for a 64QAM - enabled HS-DSCH. Note that it is the true (unadjusted) CQI that is	ME_NodeBFunction_HsDschResources.pmReportedCqi64Qam_16	Sum

			counted for 64QAM - enabled HS-DSCHs.		
pmReportedCqi64Qam_17	ACCUMULATION	INTEGER	The UE reported CQI received for a 64QAM - enabled HS-DSCH. Note that it is the true (unadjusted) CQI that is counted for 64QAM - enabled HS-DSCHs.	ME_NodeBFunction_HsDschResources.pmReportedCqi64Qam_17	Sum
pmReportedCqi64Qam_18	ACCUMULATION	INTEGER	The UE reported CQI received for a 64QAM - enabled HS-	ME_NodeBFunction_HsDschResources.pmReportedCqi64Qam_18	Sum

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			DSCH. Note that it is the true (unadju sted) CQI that is counted for 64QAM - enabled HS- DSCHs.		
pmReportedCqi 64Qam_19	ACCUMUL ATION	INTE GER	The UE reported CQI receiv ed for a 64QAM - enabled HS- DSCH. Note that it is the true (unadju sted) CQI that is counted for 64QAM - enabled HS- DSCHs.	ME_NodeBFunction_HsDsc hResources.pmReportedCqi6 4Qam_19	Sum
pmReportedCqi 64Qam_1	ACCUMUL ATION	INTE GER	The UE reported CQI receiv ed for a 64QAM	ME_NodeBFunction_HsDsc hResources.pmReportedCqi6 4Qam_1	Sum

			- enabled HS-DSCH. Note that it is the true (unadjusted) CQI that is counted for 64QAM - enabled HS-DSCHs.			
pmReportedCqi64Qam_20	ACCUMULATION	INTEGER	The UE reported CQI received for a 64QAM - enabled HS-DSCH. Note that it is the true (unadjusted) CQI that is counted for 64QAM - enabled	ME_NodeBFunction_HsDschResources.pmReportedCqi64Qam_20	Sum	

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			HS-DSCHs.		
pmReportedCqi64Qam_21	ACCUMULATION	INTEGER	The UE reported CQI received for a 64QAM-enabled HS-DSCH. Note that it is the true (unadjusted) CQI that is counted for 64QAM-enabled HS-DSCHs.	ME_NodeBFunction_HsDschResources.pmReportedCqi64Qam_21	Sum
pmReportedCqi64Qam_22	ACCUMULATION	INTEGER	The UE reported CQI received for a 64QAM-enabled HS-DSCH. Note that it is the true (unadjusted) CQI that is counted for	ME_NodeBFunction_HsDschResources.pmReportedCqi64Qam_22	Sum

			64QAM - enabled HS-DSCHs.		
pmReportedCqi64Qam_23	ACCUMULATION	INTEGER	The UE reported CQI received for a 64QAM - enabled HS-DSCH. Note that it is the true (unadjusted) CQI that is counted for 64QAM - enabled HS-DSCHs.	ME_NodeBFunction_HsDschResources.pmReportedCqi64Qam_23	Sum
pmReportedCqi64Qam_24	ACCUMULATION	INTEGER	The UE reported CQI received for a 64QAM - enabled HS-DSCH. Note	ME_NodeBFunction_HsDschResources.pmReportedCqi64Qam_24	Sum

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			that it is the true (unadjusted) CQI that is counted for 64QAM - enabled HS-DSCHs.		
pmReportedCqi64Qam_25	ACCUMULATION	INTEGER	The UE reported CQI received for a 64QAM - enabled HS-DSCH. Note that it is the true (unadjusted) CQI that is counted for 64QAM - enabled HS-DSCHs.	ME_NodeBFunction_HsDschResources.pmReportedCqi64Qam_25	Sum
pmReportedCqi64Qam_26	ACCUMULATION	INTEGER	The UE reported CQI received for a 64QAM - enabled	ME_NodeBFunction_HsDschResources.pmReportedCqi64Qam_26	Sum

			HS-DSCH. Note that it is the true (unadjusted) CQI that is counted for 64QAM - enabled HS-DSCHs.		
pmReportedCqi64Qam_27	ACCUMULATION	INTEGER	The UE reported CQI received for a 64QAM - enabled HS-DSCH. Note that it is the true (unadjusted) CQI that is counted for 64QAM - enabled HS-DSCHs.	ME_NodeBFunction_HsDsc hResources.pmReportedCqi64Qam_27	Sum

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pmReportedCqi 64Qam_28	ACCUMULATION	INTEGER	The UE reported CQI received for a 64QAM - enabled HS-DSCH. Note that it is the true (unadjusted) CQI that is counted for 64QAM - enabled HS-DSCHs.	ME_NodeBFunction_HsDsc hResources.pmReportedCqi64Qam_28	Sum	
pmReportedCqi 64Qam_29	ACCUMULATION	INTEGER	The UE reported CQI received for a 64QAM - enabled HS-DSCH. Note that it is the true (unadjusted) CQI that is counted for 64QAM -	ME_NodeBFunction_HsDsc hResources.pmReportedCqi64Qam_29	Sum	

			enabled HS-DSCHs.			
pmReportedCqi64Qam_2	ACCUMULATION	INTEGER	The UE reported CQI received for a 64QAM - enabled HS-DSCH. Note that it is the true (unadjusted) CQI that is counted for 64QAM - enabled HS-DSCHs.	ME_NodeBFunction_HsDschResources.pmReportedCqi64Qam_2	Sum	
pmReportedCqi64Qam_30	ACCUMULATION	INTEGER	The UE reported CQI received for a 64QAM - enabled HS-DSCH. Note that it is the true	ME_NodeBFunction_HsDschResources.pmReportedCqi64Qam_30	Sum	

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			(unadjusted) CQI that is counted for 64QAM - enabled HS-DSCHs.		
pmReportedCqi64Qam_31	ACCUMULATION	INTEGER	The UE reported CQI received for a 64QAM - enabled HS-DSCH. Note that it is the true (unadjusted) CQI that is counted for 64QAM - enabled HS-DSCHs.	ME_NodeBFunction_HsDschResources.pmReportedCqi64Qam_31	Sum
pmReportedCqi64Qam_3	ACCUMULATION	INTEGER	The UE reported CQI received for a 64QAM - enabled HS-DSCH.	ME_NodeBFunction_HsDschResources.pmReportedCqi64Qam_3	Sum

			Note that it is the true (unadjusted) CQI that is counted for 64QAM - enabled HS-DSCHs.		
pmReportedCqi64Qam_4	ACCUMULATION	INTEGER	The UE reported CQI received for a 64QAM - enabled HS-DSCH. Note that it is the true (unadjusted) CQI that is counted for 64QAM - enabled HS-DSCHs.	ME_NodeBFunction_HsDschResources.pmReportedCqi64Qam_4	Sum
pmReportedCqi64Qam_5	ACCUMULATION	INTEGER	The UE reported	ME_NodeBFunction_HsDschResources.pmReportedCqi6	Sum

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			<p>CQI received for a 64QAM - enabled HS-DSCH. Note that it is the true (unadjusted) CQI that is counted for 64QAM - enabled HS-DSCHs.</p>	4Qam_5		
pmReportedCqi64Qam_6	ACCUMULATION	INTEGER	<p>The UE reported CQI received for a 64QAM - enabled HS-DSCH. Note that it is the true (unadjusted) CQI that is counted for 64QAM - enabled HS-</p>	ME_NodeBFunction_HsDschResources.pmReportedCqi64Qam_6	Sum	

			DSCHs.		
pmReportedCqi64Qam_7	ACCUMULATION	INTEGER	The UE reported CQI received for a 64QAM-enabled HS-DSCH. Note that it is the true (unadjusted) CQI that is counted for 64QAM-enabled HS-DSCHs.	ME_NodeBFunction_HsDschResources.pmReportedCqi64Qam_7	Sum
pmReportedCqi64Qam_8	ACCUMULATION	INTEGER	The UE reported CQI received for a 64QAM-enabled HS-DSCH. Note that it is the true (unadjusted)	ME_NodeBFunction_HsDschResources.pmReportedCqi64Qam_8	Sum

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			CQI that is counted for 64QAM - enabled HS-DSCHs.			
pmReportedCqi64Qam_9	ACCUMULATION	INTEGER	The UE reported CQI received for a 64QAM - enabled HS-DSCH. Note that it is the true (unadjusted) CQI that is counted for 64QAM - enabled HS-DSCHs.	ME_NodeBFunction_HsDschResources.pmReportedCqi64Qam_9	Sum	

7.12.43CDMA_Channel.Ericsson.UMTS.PDF_pmReportedCqiMimoDs1

pmReportedCqiMimoDs1 PDF counters

KPI	Type	Data Type	Description	Derivation	Default Aggregator	Other Aggregators
pmReportedCqiMimoDs1_0	ACCUMULATION	INTEGER	The UE reported dual	ME_NodeBFunction_HsDschResources.pmReportedCqiMimoDs1_0	Sum	

			stream CQI for stream 1. Note that it is the true (e.g. unadjusted) CQI that is counted. This counter is only relevant for UEs using MIMO.			
pmReportedCqiMimoDs1_10	ACCUMULATION	INTEGER	The UE reported dual stream CQI for stream 1. Note that it is the true (e.g. unadjusted) CQI that is counted. This counter is only	ME_NodeBFunction_HsDschResources.pmReportedCqiMimoDs1_10	Sum	

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			relevant for UEs using MIMO.			
pmReportedCqiMimoDs1_11	ACCUMULATION	INTEGER	The UE reported dual stream CQI for stream 1. Note that it is the true (e.g. unadjusted) CQI that is counted. This counter is only relevant for UEs using MIMO.	ME_NodeBFunction_HsDschResources.pmReportedCqiMimoDs1_11	Sum	
pmReportedCqiMimoDs1_12	ACCUMULATION	INTEGER	The UE reported dual stream CQI for stream 1. Note that it is the true (e.g. unadjusted) CQI that is counted	ME_NodeBFunction_HsDschResources.pmReportedCqiMimoDs1_12	Sum	

			. This counter is only relevant for UEs using MIMO.			
pmReportedCqiMimoDs1_13	ACCUMULATION	INTEGER	The UE reported dual stream CQI for stream 1. Note that it is the true (e.g. unadjusted) CQI that is counted. This counter is only relevant for UEs using MIMO.	ME_NodeBFunction_HsDschResources.pmReportedCqiMimoDs1_13	Sum	
pmReportedCqiMimoDs1_14	ACCUMULATION	INTEGER	The UE reported dual stream CQI for stream 1. Note that it	ME_NodeBFunction_HsDschResources.pmReportedCqiMimoDs1_14	Sum	

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			is the true (e.g. unadjusted) CQI that is counted. This counter is only relevant for UEs using MIMO.			
pmReportedCqiMimoDs1_1	ACCUMULATION	INTEGER	The UE reported dual stream CQI for stream 1. Note that it is the true (e.g. unadjusted) CQI that is counted. This counter is only relevant for UEs using MIMO.	ME_NodeBFunction_HsDschResources.pmReportedCqiMimoDs1_1	Sum	
pmReportedCqiMimoDs1_2	ACCUMULATION	INTEGER	The UE reported dual stream CQI for	ME_NodeBFunction_HsDschResources.pmReportedCqiMimoDs1_2	Sum	

			stream 1. Note that it is the true (e.g. unadju sted) CQI that is counted . This counter is only relevan t for UEs using MIMO.			
pmReportedCqi MimoDs1_3	ACCUMUL ATION	INTE GER	The UE reporte d dual stream CQI for stream 1. Note that it is the true (e.g. unadju sted) CQI that is counted . This counter is only relevan t for	ME_NodeBFunction_HsDsch Resources.pmReportedCqiMi moDs1_3	Sum	

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			UEs using MIMO.			
pmReportedCqiMimoDs1_4	ACCUMULATION	INTEGER	The UE reported dual stream CQI for stream 1. Note that it is the true (e.g. unadjusted) CQI that is counted. This counter is only relevant for UEs using MIMO.	ME_NodeBFunction_HsDschResources.pmReportedCqiMimoDs1_4	Sum	
pmReportedCqiMimoDs1_5	ACCUMULATION	INTEGER	The UE reported dual stream CQI for stream 1. Note that it is the true (e.g. unadjusted) CQI that is counted. This counter	ME_NodeBFunction_HsDschResources.pmReportedCqiMimoDs1_5	Sum	

			is only relevant for UEs using MIMO.			
pmReportedCqiMimoDs1_6	ACCUMULATION	INTEGER	The UE reported dual stream CQI for stream 1. Note that it is the true (e.g. unadjusted) CQI that is counted. This counter is only relevant for UEs using MIMO.	ME_NodeBFunction_HsDschResources.pmReportedCqiMimoDs1_6	Sum	
pmReportedCqiMimoDs1_7	ACCUMULATION	INTEGER	The UE reported dual stream CQI for stream 1. Note that it is the true	ME_NodeBFunction_HsDschResources.pmReportedCqiMimoDs1_7	Sum	

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			(e.g. unadjusted) CQI that is counted. This counter is only relevant for UEs using MIMO.			
pmReportedCqiMimoDs1_8	ACCUMULATION	INTEGER	The UE reported dual stream CQI for stream 1. Note that it is the true (e.g. unadjusted) CQI that is counted. This counter is only relevant for UEs using MIMO.	ME_NodeBFunction_HsDschResources.pmReportedCqiMimoDs1_8	Sum	
pmReportedCqiMimoDs1_9	ACCUMULATION	INTEGER	The UE reported dual stream CQI for stream 1. Note	ME_NodeBFunction_HsDschResources.pmReportedCqiMimoDs1_9	Sum	

			that it is the true (e.g. unadjusted) CQI that is counted. This counter is only relevant for UEs using MIMO.		
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7.12.44CDMA_Channel.Ericsson.UMTS.PDF_pmReportedCqiMimoDs2

pmReportedCqiMimoDs2 PDF counters

KPI	Type	Data Type	Description	Derivation	Default Aggregator	Other Aggregators
pmReportedCqiMimoDs2_0	ACCUMULATION	INTEGER	The UE reported dual stream CQI for stream 2. Note that it is the true (e.g. unadjusted) CQI that is	ME_NodeBFunction_HsDschResources.pmReportedCqiMimoDs2_0	Sum	

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			counted . This counter is only relevant for UEs using MIMO.			
pmReportedCqiMimoDs2_10	ACCUMULATION	INTEGER	The UE reported dual stream CQI for stream 2. Note that it is the true (e.g. unadjusted) CQI that is counted . This counter is only relevant for UEs using MIMO.	ME_NodeBFunction_HsDschResources.pmReportedCqiMimoDs2_10	Sum	
pmReportedCqiMimoDs2_11	ACCUMULATION	INTEGER	The UE reported dual stream CQI for stream 2. Note that it is the true (e.g. unadjus	ME_NodeBFunction_HsDschResources.pmReportedCqiMimoDs2_11	Sum	

			ted) CQI that is counted . This counter is only relevan t for UEs using MIMO.			
pmReportedCqi MimoDs2_12	ACCUMUL ATION	INTE GER	The UE reporte d dual stream CQI for stream 2. Note that it is the true (e.g. unadjus ted) CQI that is counted . This counter is only relevan t for UEs using MIMO.	ME_NodeBFunction_HsDsch Resources.pmReportedCqiMi moDs2_12	Sum	
pmReportedCqi MimoDs2_13	ACCUMUL ATION	INTE GER	The UE reporte d dual stream	ME_NodeBFunction_HsDsch Resources.pmReportedCqiMi moDs2_13	Sum	

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			CQI for stream 2. Note that it is the true (e.g. unadjusted) CQI that is counted. This counter is only relevant for UEs using MIMO.		
pmReportedCqiMimoDs2_14	ACCUMULATION	INTEGER	The UE reported dual stream CQI for stream 2. Note that it is the true (e.g. unadjusted) CQI that is counted. This counter is only relevant for UEs using MIMO.	ME_NodeBFunction_HsDschResources.pmReportedCqiMimoDs2_14	Sum
pmReportedCqi	ACCUMUL	INTE	The UE	ME_NodeBFunction_HsDsch	Sum

MimoDs2_1	ATION	GER	reported dual stream CQI for stream 2. Note that it is the true (e.g. unadjusted) CQI that is counted. This counter is only relevant for UEs using MIMO.	Resources.pmReportedCqiMimoDs2_1		
pmReportedCqiMimoDs2_2	ACCUMULATION	INTEGER	The UE reported dual stream CQI for stream 2. Note that it is the true (e.g. unadjusted) CQI that is counted. This	ME_NodeBFunction_HsDschResources.pmReportedCqiMimoDs2_2	Sum	

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			counter is only relevant for UEs using MIMO.			
pmReportedCqiMimoDs2_3	ACCUMULATION	INTEGER	The UE reported dual stream CQI for stream 2. Note that it is the true (e.g. unadjusted) CQI that is counted. This counter is only relevant for UEs using MIMO.	ME_NodeBFunction_HsDschResources.pmReportedCqiMimoDs2_3	Sum	
pmReportedCqiMimoDs2_4	ACCUMULATION	INTEGER	The UE reported dual stream CQI for stream 2. Note that it is the true (e.g. unadjusted) CQI	ME_NodeBFunction_HsDschResources.pmReportedCqiMimoDs2_4	Sum	

			that is counted . This counter is only relevant for UEs using MIMO.			
pmReportedCqiMimoDs2_5	ACCUMULATION	INTEGER	The UE reported dual stream CQI for stream 2. Note that it is the true (e.g. unadjusted) CQI that is counted . This counter is only relevant for UEs using MIMO.	ME_NodeBFunction_HsDschResources.pmReportedCqiMimoDs2_5	Sum	
pmReportedCqiMimoDs2_6	ACCUMULATION	INTEGER	The UE reported dual stream CQI for stream	ME_NodeBFunction_HsDschResources.pmReportedCqiMimoDs2_6	Sum	

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			2. Note that it is the true (e.g. unadjusted) CQI that is counted . This counter is only relevant for UEs using MIMO.		
pmReportedCqiMimoDs2_7	ACCUMULATION	INTEGER	The UE reported dual stream CQI for stream 2. Note that it is the true (e.g. unadjusted) CQI that is counted . This counter is only relevant for UEs using MIMO.	ME_NodeBFunction_HsDschResources.pmReportedCqiMimoDs2_7	Sum
pmReportedCqiMimoDs2_8	ACCUMULATION	INTEGER	The UE reported dual	ME_NodeBFunction_HsDschResources.pmReportedCqiMimoDs2_8	Sum

			stream CQI for stream 2. Note that it is the true (e.g. unadjusted) CQI that is counted. This counter is only relevant for UEs using MIMO.			
pmReportedCqiMimoDs2_9	ACCUMULATION	INTEGER	The UE reported dual stream CQI for stream 2. Note that it is the true (e.g. unadjusted) CQI that is counted. This counter is only	ME_NodeBFunction_HsDschResources.pmReportedCqiMimoDs2_9	Sum	

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			relevant for UEs using MIMO.			
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7.12.45CDMA_Channel.Ericsson.UMTS.PDF_pmReportedCqiMimoSs

pmReportedCqiMimoSs PDF counters

KPI	Type	Data Type	Description	Derivation	Default Aggregator	Other Aggregators
pmReportedCqiMimoSs_0	ACCUMULATION	INTEGER	The UE reported CQI for single stream CQI. Note that it is the true (unadjusted) CQI that is counted. This counter is only relevant for UEs using MIMO.	ME_NodeBFunction_HsDschResources.pmReportedCqiMimoSs_0	Sum	
pmReportedCqiMimoSs_10	ACCUMULATION	INTEGER	The UE reported CQI for single stream CQI. Note that it is	ME_NodeBFunction_HsDschResources.pmReportedCqiMimoSs_10	Sum	

			the true (unadjusted) CQI that is counted. This counter is only relevant for UEs using MIMO.			
pmReportedCqiMimoSs_11	ACCUMULATION	INTEGER	The UE reported CQI for single stream CQI. Note that it is the true (unadjusted) CQI that is counted. This counter is only relevant for UEs using MIMO.	ME_NodeBFunction_HsDschResources.pmReportedCqiMimoSs_11	Sum	
pmReportedCqiMimoSs_12	ACCUMULATION	INTEGER	The UE reported CQI for single	ME_NodeBFunction_HsDschResources.pmReportedCqiMimoSs_12	Sum	

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			stream CQI. Note that it is the true (unadjusted) CQI that is counted. This counter is only relevant for UEs using MIMO.			
pmReportedCqiMimoSs_13	ACCUMULATION	INTEGER	The UE reported CQI for single stream CQI. Note that it is the true (unadjusted) CQI that is counted. This counter is only relevant for UEs using MIMO.	ME_NodeBFunction_HsDschResources.pmReportedCqiMimoSs_13	Sum	
pmReportedCqiMimoSs_14	ACCUMULATION	INTEGER	The UE reported CQI for single stream	ME_NodeBFunction_HsDschResources.pmReportedCqiMimoSs_14	Sum	

			CQI. Note that it is the true (unadju sted) CQI that is counted . This counter is only relevant for UEs using MIMO.			
pmReportedCqi MimoSs_15	ACCUMUL ATION	INTE GER	The UE reporte d CQI for single stream CQI. Note that it is the true (unadju sted) CQI that is counted . This counter is only relevant for UEs using MIMO.	ME_NodeBFunction_HsDsch Resources.pmReportedCqiMi moSs_15	Sum	
pmReportedCqi MimoSs_16	ACCUMUL ATION	INTE GER	The UE reporte	ME_NodeBFunction_HsDsch Resources.pmReportedCqiMi	Sum	

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			<p>d CQI for single stream CQI. Note that it is the true (unadjusted) CQI that is counted. This counter is only relevant for UEs using MIMO.</p>	moSs_16		
pmReportedCqiMimoSs_17	ACCUMULATION	INTEGER	<p>The UE reported CQI for single stream CQI. Note that it is the true (unadjusted) CQI that is counted. This counter is only relevant for UEs using MIMO.</p>	ME_NodeBFunction_HsDschResources.pmReportedCqiMimoSs_17	Sum	
pmReportedCqiMimoSs_18	ACCUMULATION	INTEGER	<p>The UE reported CQI</p>	ME_NodeBFunction_HsDschResources.pmReportedCqiMimoSs_18	Sum	

			for single stream CQI. Note that it is the true (unadjusted) CQI that is counted. This counter is only relevant for UEs using MIMO.			
pmReportedCqiMimoSs_19	ACCUMULATION	INTEGER	The UE reported CQI for single stream CQI. Note that it is the true (unadjusted) CQI that is counted. This counter is only relevant for UEs using	ME_NodeBFunction_HsDschResources.pmReportedCqiMimoSs_19	Sum	

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			MIMO.		
pmReportedCqiMimoSs_1	ACCUMULATION	INTEGER	The UE reported CQI for single stream CQI. Note that it is the true (unadjusted) CQI that is counted. This counter is only relevant for UEs using MIMO.	ME_NodeBFunction_HsDschResources.pmReportedCqiMimoSs_1	Sum
pmReportedCqiMimoSs_20	ACCUMULATION	INTEGER	The UE reported CQI for single stream CQI. Note that it is the true (unadjusted) CQI that is counted. This counter is only relevant for UEs using MIMO.	ME_NodeBFunction_HsDschResources.pmReportedCqiMimoSs_20	Sum

pmReportedCqiMimoSs_21	ACCUMULATION	INTEGER	The UE reported CQI for single stream CQI. Note that it is the true (unadjusted) CQI that is counted. This counter is only relevant for UEs using MIMO.	ME_NodeBFunction_HsDschResources.pmReportedCqiMimoSs_21	Sum	
pmReportedCqiMimoSs_22	ACCUMULATION	INTEGER	The UE reported CQI for single stream CQI. Note that it is the true (unadjusted) CQI that is counted. This counter is only	ME_NodeBFunction_HsDschResources.pmReportedCqiMimoSs_22	Sum	

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			relevant for UEs using MIMO.			
pmReportedCqiMimoSs_23	ACCUMULATION	INTEGER	The UE reported CQI for single stream CQI. Note that it is the true (unadjusted) CQI that is counted. This counter is only relevant for UEs using MIMO.	ME_NodeBFunction_HsDschResources.pmReportedCqiMimoSs_23	Sum	
pmReportedCqiMimoSs_24	ACCUMULATION	INTEGER	The UE reported CQI for single stream CQI. Note that it is the true (unadjusted) CQI that is counted. This counter is only relevant	ME_NodeBFunction_HsDschResources.pmReportedCqiMimoSs_24	Sum	

			for UEs using MIMO.			
pmReportedCqiMimoSs_25	ACCUMULATION	INTEGER	The UE reported CQI for single stream CQI. Note that it is the true (unadjusted) CQI that is counted. This counter is only relevant for UEs using MIMO.	ME_NodeBFunction_HsDschResources.pmReportedCqiMimoSs_25	Sum	
pmReportedCqiMimoSs_26	ACCUMULATION	INTEGER	The UE reported CQI for single stream CQI. Note that it is the true (unadjusted) CQI that is counted	ME_NodeBFunction_HsDschResources.pmReportedCqiMimoSs_26	Sum	

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			. This counter is only relevant for UEs using MIMO.			
pmReportedCqiMimoSs_27	ACCUMULATION	INTEGER	The UE reported CQI for single stream CQI. Note that it is the true (unadjusted) CQI that is counted . This counter is only relevant for UEs using MIMO.	ME_NodeBFunction_HsDschResources.pmReportedCqiMimoSs_27	Sum	
pmReportedCqiMimoSs_28	ACCUMULATION	INTEGER	The UE reported CQI for single stream CQI. Note that it is the true (unadjusted) CQI that is counted . This	ME_NodeBFunction_HsDschResources.pmReportedCqiMimoSs_28	Sum	

			counter is only relevant for UEs using MIMO.			
pmReportedCqiMimoSs_29	ACCUMULATION	INTEGER	The UE reported CQI for single stream CQI. Note that it is the true (unadjusted) CQI that is counted. This counter is only relevant for UEs using MIMO.	ME_NodeBFunction_HsDschResources.pmReportedCqiMimoSs_29	Sum	
pmReportedCqiMimoSs_2	ACCUMULATION	INTEGER	The UE reported CQI for single stream CQI. Note that it is the true (unadjusted)	ME_NodeBFunction_HsDschResources.pmReportedCqiMimoSs_2	Sum	

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			CQI that is counted . This counter is only relevant for UEs using MIMO.			
pmReportedCqiMimoSs_30	ACCUMULATION	INTEGER	The UE reported CQI for single stream CQI. Note that it is the true (unadjusted) CQI that is counted . This counter is only relevant for UEs using MIMO.	ME_NodeBFunction_HsDschResources.pmReportedCqiMimoSs_30	Sum	
pmReportedCqiMimoSs_31	ACCUMULATION	INTEGER	The UE reported CQI for single stream CQI. Note that it is the true (unadjusted) CQI	ME_NodeBFunction_HsDschResources.pmReportedCqiMimoSs_31	Sum	

			that is counted . This counter is only relevant for UEs using MIMO.			
pmReportedCqiMimoSs_3	ACCUMULATION	INTEGER	The UE reported CQI for single stream CQI. Note that it is the true (unadjusted) CQI that is counted . This counter is only relevant for UEs using MIMO.	ME_NodeBFunction_HsDschResources.pmReportedCqiMimoSs_3	Sum	
pmReportedCqiMimoSs_4	ACCUMULATION	INTEGER	The UE reported CQI for single stream CQI. Note that it is	ME_NodeBFunction_HsDschResources.pmReportedCqiMimoSs_4	Sum	

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			the true (unadjusted) CQI that is counted. This counter is only relevant for UEs using MIMO.		
pmReportedCqiMimoSs_5	ACCUMULATION	INTEGER	The UE reported CQI for single stream CQI. Note that it is the true (unadjusted) CQI that is counted. This counter is only relevant for UEs using MIMO.	ME_NodeBFunction_HsDschResources.pmReportedCqiMimoSs_5	Sum
pmReportedCqiMimoSs_6	ACCUMULATION	INTEGER	The UE reported CQI for single stream CQI. Note that it is the true	ME_NodeBFunction_HsDschResources.pmReportedCqiMimoSs_6	Sum

			(unadjusted) CQI that is counted. This counter is only relevant for UEs using MIMO.			
pmReportedCqiMimoSs_7	ACCUMULATION	INTEGER	The UE reported CQI for single stream CQI. Note that it is the true (unadjusted) CQI that is counted. This counter is only relevant for UEs using MIMO.	ME_NodeBFunction_HsDschResources.pmReportedCqiMimoSs_7	Sum	
pmReportedCqiMimoSs_8	ACCUMULATION	INTEGER	The UE reported CQI for single stream	ME_NodeBFunction_HsDschResources.pmReportedCqiMimoSs_8	Sum	

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			CQI. Note that it is the true (unadjusted) CQI that is counted. This counter is only relevant for UEs using MIMO.			
pmReportedCqiMimoSs_9	ACCUMULATION	INTEGER	The UE reported CQI for single stream CQI. Note that it is the true (unadjusted) CQI that is counted. This counter is only relevant for UEs using MIMO.	ME_NodeBFunction_HsDschResources.pmReportedCqiMimoSs_9	Sum	

7.12.46CDMA_Channel.Ericsson.UMTS.PDF_pmReportedCqi

pmReportedCqi PDF counters

KPI	Type	Data Type	Description	Derivation	Default Aggrega	Other Aggrega
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					tor	tors
pmReportedCqi_0	ACCUMULATION	INTEGER	The UE reported CQI. Note that it is the true (unadjusted) CQI that is counted. This counter is only relevant for UEs not using MIMO or 64QAM.	ME_NodeBFunction_HsDschResources.pmReportedCqi_0	Sum	
pmReportedCqi_10	ACCUMULATION	INTEGER	The UE reported CQI. Note that it is the true (unadjusted) CQI that is counted. This counter is only relevant for UEs not using MIMO or 64QAM.	ME_NodeBFunction_HsDschResources.pmReportedCqi_10	Sum	
pmReportedCqi_11	ACCUMULATION	INTEGER	The UE reported CQI. Note that it is the true (unadjusted	ME_NodeBFunction_HsDschResources.pmReportedCqi_11	Sum	

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) CQI that is counted. This counter is only relevant for UEs not using MIMO or 64QAM.			
pmReportedCqi_12	ACCUMULATION	INTEGER	The UE reported CQI. Note that it is the true (unadjusted) CQI that is counted. This counter is only relevant for UEs not using MIMO or 64QAM.	ME_NodeBFunction_HsDschResources.pmReportedCqi_12	Sum	
pmReportedCqi_13	ACCUMULATION	INTEGER	The UE reported CQI. Note that it is the true (unadjusted) CQI that is counted. This counter is only relevant for UEs not using MIMO or 64QAM.	ME_NodeBFunction_HsDschResources.pmReportedCqi_13	Sum	
pmReportedCqi_14	ACCUMULATION	INTEGER	The UE reported	ME_NodeBFunction_HsDschResources.pmReport	Sum	

			CQI. Note that it is the true (unadjusted) CQI that is counted. This counter is only relevant for UEs not using MIMO or 64QAM.	edCqi_14		
pmReportedCqi_15	ACCUMULATION	INTEGER	The UE reported CQI. Note that it is the true (unadjusted) CQI that is counted. This counter is only relevant for UEs not using MIMO or 64QAM.	ME_NodeBFunction_HsDschResources.pmReportedCqi_15	Sum	
pmReportedCqi_16	ACCUMULATION	INTEGER	The UE reported CQI. Note that it is the true (unadjusted) CQI that is counted. This counter is	ME_NodeBFunction_HsDschResources.pmReportedCqi_16	Sum	

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			only relevant for UEs not using MIMO or 64QAM.			
pmReportedCqi_17	ACCUMULATION	INTEGER	The UE reported CQI. Note that it is the true (unadjusted) CQI that is counted. This counter is only relevant for UEs not using MIMO or 64QAM.	ME_NodeBFunction_HsDschResources.pmReportedCqi_17	Sum	
pmReportedCqi_18	ACCUMULATION	INTEGER	The UE reported CQI. Note that it is the true (unadjusted) CQI that is counted. This counter is only relevant for UEs not using MIMO or 64QAM.	ME_NodeBFunction_HsDschResources.pmReportedCqi_18	Sum	
pmReportedCqi_19	ACCUMULATION	INTEGER	The UE reported CQI. Note that it is the true (unadjusted	ME_NodeBFunction_HsDschResources.pmReportedCqi_19	Sum	

) CQI that is counted. This counter is only relevant for UEs not using MIMO or 64QAM.			
pmReportedCqi_1	ACCUMULATION	INTEGER	The UE reported CQI. Note that it is the true (unadjusted) CQI that is counted. This counter is only relevant for UEs not using MIMO or 64QAM.	ME_NodeBFunction_HsDschResources.pmReportedCqi_1	Sum	
pmReportedCqi_20	ACCUMULATION	INTEGER	The UE reported CQI. Note that it is the true (unadjusted) CQI that is counted. This counter is only relevant for UEs not using	ME_NodeBFunction_HsDschResources.pmReportedCqi_20	Sum	

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			MIMO or 64QAM.			
pmReportedCqi_21	ACCUMULATION	INTEGER	The UE reported CQI. Note that it is the true (unadjusted) CQI that is counted. This counter is only relevant for UEs not using MIMO or 64QAM.	ME_NodeBFunction_Hs DschResources.pmReportedCqi_21	Sum	
pmReportedCqi_22	ACCUMULATION	INTEGER	The UE reported CQI. Note that it is the true (unadjusted) CQI that is counted. This counter is only relevant for UEs not using MIMO or 64QAM.	ME_NodeBFunction_Hs DschResources.pmReportedCqi_22	Sum	
pmReportedCqi_23	ACCUMULATION	INTEGER	The UE reported CQI. Note that it is the true (unadjusted) CQI that is counted. This counter is	ME_NodeBFunction_Hs DschResources.pmReportedCqi_23	Sum	

			only relevant for UEs not using MIMO or 64QAM.			
pmReportedCqi_24	ACCUMULATION	INTEGER	The UE reported CQI. Note that it is the true (unadjusted) CQI that is counted. This counter is only relevant for UEs not using MIMO or 64QAM.	ME_NodeBFunction_Hs DschResources.pmReportedCqi_24	Sum	
pmReportedCqi_25	ACCUMULATION	INTEGER	The UE reported CQI. Note that it is the true (unadjusted) CQI that is counted. This counter is only relevant for UEs not using MIMO or 64QAM.	ME_NodeBFunction_Hs DschResources.pmReportedCqi_25	Sum	
pmReportedC	ACCUMULATION	INTEGER	The UE	ME_NodeBFunction_Hs	Sum	

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qi_26	TION	ER	reported CQI. Note that it is the true (unadjusted) CQI that is counted. This counter is only relevant for UEs not using MIMO or 64QAM.	DschResources.pmReportedCqi_26		
pmReportedCqi_27	ACCUMULATION	INTEGER	The UE reported CQI. Note that it is the true (unadjusted) CQI that is counted. This counter is only relevant for UEs not using MIMO or 64QAM.	ME_NodeBFunction_HsDschResources.pmReportedCqi_27	Sum	
pmReportedCqi_28	ACCUMULATION	INTEGER	The UE reported CQI. Note that it is the true (unadjusted) CQI that is counted. This counter is only relevant for UEs not using	ME_NodeBFunction_HsDschResources.pmReportedCqi_28	Sum	

			MIMO or 64QAM.			
pmReportedCqi_29	ACCUMULATION	INTEGER	The UE reported CQI. Note that it is the true (unadjusted) CQI that is counted. This counter is only relevant for UEs not using MIMO or 64QAM.	ME_NodeBFunction_Hs DschResources.pmReportedCqi_29	Sum	
pmReportedCqi_2	ACCUMULATION	INTEGER	The UE reported CQI. Note that it is the true (unadjusted) CQI that is counted. This counter is only relevant for UEs not using MIMO or 64QAM.	ME_NodeBFunction_Hs DschResources.pmReportedCqi_2	Sum	
pmReportedCqi_30	ACCUMULATION	INTEGER	The UE reported CQI. Note that it is the true	ME_NodeBFunction_Hs DschResources.pmReportedCqi_30	Sum	

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			(unadjusted) CQI that is counted. This counter is only relevant for UEs not using MIMO or 64QAM.			
pmReportedCqi_31	ACCUMULATION	INTEGER	The UE reported CQI. Note that it is the true (unadjusted) CQI that is counted. This counter is only relevant for UEs not using MIMO or 64QAM.	ME_NodeBFunction_Hs DschResources.pmReportedCqi_31	Sum	
pmReportedCqi_3	ACCUMULATION	INTEGER	The UE reported CQI. Note that it is the true (unadjusted) CQI that is counted. This counter is only relevant for UEs not using MIMO or 64QAM.	ME_NodeBFunction_Hs DschResources.pmReportedCqi_3	Sum	
pmReportedC	ACCUMULATION	INTEGER	The UE	ME_NodeBFunction_Hs	Sum	

qi_4	TION	ER	reported CQI. Note that it is the true (unadjusted) CQI that is counted. This counter is only relevant for UEs not using MIMO or 64QAM.	DschResources.pmReportedCqi_4		
pmReportedCqi_5	ACCUMULATION	INTEGER	The UE reported CQI. Note that it is the true (unadjusted) CQI that is counted. This counter is only relevant for UEs not using MIMO or 64QAM.	ME_NodeBFunction_Hs DschResources.pmReportedCqi_5	Sum	
pmReportedCqi_6	ACCUMULATION	INTEGER	The UE reported CQI. Note that it is the true (unadjusted) CQI that is counted. This	ME_NodeBFunction_Hs DschResources.pmReportedCqi_6	Sum	

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			counter is only relevant for UEs not using MIMO or 64QAM.			
pmReportedCqi_7	ACCUMULATION	INTEGER	The UE reported CQI. Note that it is the true (unadjusted) CQI that is counted. This counter is only relevant for UEs not using MIMO or 64QAM.	ME_NodeBFunction_Hs DschResources.pmReportedCqi_7	Sum	
pmReportedCqi_8	ACCUMULATION	INTEGER	The UE reported CQI. Note that it is the true (unadjusted) CQI that is counted. This counter is only relevant for UEs not using MIMO or 64QAM.	ME_NodeBFunction_Hs DschResources.pmReportedCqi_8	Sum	
pmReportedCqi_9	ACCUMULATION	INTEGER	The UE reported CQI. Note that it is the true	ME_NodeBFunction_Hs DschResources.pmReportedCqi_9	Sum	

			(unadjusted) CQI that is counted. This counter is only relevant for UEs not using MIMO or 64QAM.		
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7.12.47 CDMA_Channel.Ericsson.UMTS.PDF_pmSumOfHsScchUsedPwr

pmSumOfHsScchUsedPwr PDF counters

KPI	Type	Data Type	Description	Derivation	Default Aggregator	Other Aggregators
pmSumOfHsScchUsedPwr_0	ACCUMULATION	INTEGER	HS-SCCH transmitted power per cell. In case more than one HS-SCCH code is used, the registered value is the sum	ME_NodeBFunction_HsDschResources.pmSumOfHsScchUsedPwr_0	Sum	

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			of each individual value.			
pmSumOfHsScchUsedPwr_100	ACCUMULATION	INTEGER	HS-SCCH transmitted power per cell. In case more than one HS-SCCH code is used, the registered value is the sum of each individual value.	ME_NodeBFunction_HsDschResources.pmSumOfHsScchUsedPwr_100	Sum	
pmSumOfHsScchUsedPwr_101	ACCUMULATION	INTEGER	HS-SCCH transmitted power per cell. In case more than one HS-SCCH code is used, the register	ME_NodeBFunction_HsDschResources.pmSumOfHsScchUsedPwr_101	Sum	

			ed value is the sum of each individual value.		
pmSumOfHsScchUsedPwr_102	ACCUMULATION	INTEGER	HS-SCCH transmitted power per cell. In case more than one HS-SCCH code is used, the registered value is the sum of each individual value.	ME_NodeBFunction_HsDschResources.pmSumOfHsScchUsedPwr_102	Sum
pmSumOfHsScchUsedPwr_10	ACCUMULATION	INTEGER	HS-SCCH transmitted power per cell. In case more	ME_NodeBFunction_HsDschResources.pmSumOfHsScchUsedPwr_10	Sum

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			than one HS-SCCH code is used, the registered value is the sum of each individual value.			
pmSumOfHsScchUsedPwr_11	ACCUMULATION	INTEGER	HS-SCCH transmitted power per cell. In case more than one HS-SCCH code is used, the registered value is the sum of each individual value.	ME_NodeBFunction_HsDschResources.pmSumOfHsScchUsedPwr_11	Sum	
pmSumOfHsScchUsedPwr_12	ACCUMULATION	INTEGER	HS-SCCH transmitted power per	ME_NodeBFunction_HsDschResources.pmSumOfHsScchUsedPwr_12	Sum	

			cell. In case more than one HS-SCCH code is used, the registered value is the sum of each individual value.			
pmSumOfHsScchUsedPwr_13	ACCUMULATION	INTEGER	HS-SCCH transmitted power per cell. In case more than one HS-SCCH code is used, the registered value is the sum of each individual	ME_NodeBFunction_HsDschResources.pmSumOfHsScchUsedPwr_13	Sum	

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			ual value.			
pmSumOfHsScchUsedPwr_14	ACCUMULATION	INTEGER	HS-SCCH transmitted power per cell. In case more than one HS-SCCH code is used, the registered value is the sum of each individual value.	ME_NodeBFunction_HsDschResources.pmSumOfHsScchUsedPwr_14	Sum	
pmSumOfHsScchUsedPwr_15	ACCUMULATION	INTEGER	HS-SCCH transmitted power per cell. In case more than one HS-SCCH code is used, the registered value is	ME_NodeBFunction_HsDschResources.pmSumOfHsScchUsedPwr_15	Sum	

			the sum of each individual value.			
pmSumOfHsScchUsedPwr_16	ACCUMULATION	INTEGER	HS-SCCH transmitted power per cell. In case more than one HS-SCCH code is used, the registered value is the sum of each individual value.	ME_NodeBFunction_HsDschResources.pmSumOfHsScchUsedPwr_16	Sum	
pmSumOfHsScchUsedPwr_17	ACCUMULATION	INTEGER	HS-SCCH transmitted power per cell. In case more than one	ME_NodeBFunction_HsDschResources.pmSumOfHsScchUsedPwr_17	Sum	

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			HS-SCCH code is used, the registered value is the sum of each individual value.		
pmSumOfHsScchUsedPwr_18	ACCUMULATION	INTEGER	HS-SCCH transmitted power per cell. In case more than one HS-SCCH code is used, the registered value is the sum of each individual value.	ME_NodeBFunction_HsDschResources.pmSumOfHsScchUsedPwr_18	Sum
pmSumOfHsScchUsedPwr_19	ACCUMULATION	INTEGER	HS-SCCH transmitted power per cell. In case	ME_NodeBFunction_HsDschResources.pmSumOfHsScchUsedPwr_19	Sum

			more than one HS-SCCH code is used, the registered value is the sum of each individual value.		
pmSumOfHsScchUsedPwr_1	ACCUMULATION	INTEGER	HS-SCCH transmitted power per cell. In case more than one HS-SCCH code is used, the registered value is the sum of each individual value.	ME_NodeBFunction_HsDschResources.pmSumOfHsScchUsedPwr_1	Sum

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pmSumOfHsScchUsedPwr_20	ACCUMULATION	INTEGER	HS-SCCH transmitted power per cell. In case more than one HS-SCCH code is used, the registered value is the sum of each individual value.	ME_NodeBFunction_HsDschResources.pmSumOfHsScchUsedPwr_20	Sum	
pmSumOfHsScchUsedPwr_21	ACCUMULATION	INTEGER	HS-SCCH transmitted power per cell. In case more than one HS-SCCH code is used, the registered value is the sum of each	ME_NodeBFunction_HsDschResources.pmSumOfHsScchUsedPwr_21	Sum	

			individual value.		
pmSumOfHsScchUsedPwr_22	ACCUMULATION	INTEGER	HS-SCCH transmitted power per cell. In case more than one HS-SCCH code is used, the registered value is the sum of each individual value.	ME_NodeBFunction_HsDschResources.pmSumOfHsScchUsedPwr_22	Sum
pmSumOfHsScchUsedPwr_23	ACCUMULATION	INTEGER	HS-SCCH transmitted power per cell. In case more than one HS-SCCH	ME_NodeBFunction_HsDschResources.pmSumOfHsScchUsedPwr_23	Sum

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			code is used, the registered value is the sum of each individual value.			
pmSumOfHsScchUsedPwr_24	ACCUMULATION	INTEGER	HS-SCCH transmitted power per cell. In case more than one HS-SCCH code is used, the registered value is the sum of each individual value.	ME_NodeBFunction_HsDschResources.pmSumOfHsScchUsedPwr_24	Sum	
pmSumOfHsScchUsedPwr_25	ACCUMULATION	INTEGER	HS-SCCH transmitted power per cell. In case more than	ME_NodeBFunction_HsDschResources.pmSumOfHsScchUsedPwr_25	Sum	

			one HS-SCCH code is used, the registered value is the sum of each individual value.			
pmSumOfHsScchUsedPwr_26	ACCUMULATION	INTEGER	HS-SCCH transmitted power per cell. In case more than one HS-SCCH code is used, the registered value is the sum of each individual value.	ME_NodeBFunction_HsDschResources.pmSumOfHsScchUsedPwr_26	Sum	
pmSumOfHsScchUsedPwr_27	ACCUMULATION	INTEGER	HS-SCCH	ME_NodeBFunction_HsDschResources.pmSumOfHsScchU	Sum	

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			transmitted power per cell. In case more than one HS-SCCH code is used, the registered value is the sum of each individual value.	sedPwr_27		
pmSumOfHsScchUsedPwr_28	ACCUMULATION	INTEGER	HS-SCCH transmitted power per cell. In case more than one HS-SCCH code is used, the registered value is the sum of each individual	ME_NodeBFunction_HsDschResources.pmSumOfHsScchUsedPwr_28	Sum	

			value.			
pmSumOfHsScchUsedPwr_29	ACCUMULATION	INTEGER	HS-SCCH transmitted power per cell. In case more than one HS-SCCH code is used, the registered value is the sum of each individual value.	ME_NodeBFunction_HsDschResources.pmSumOfHsScchUsedPwr_29	Sum	
pmSumOfHsScchUsedPwr_2	ACCUMULATION	INTEGER	HS-SCCH transmitted power per cell. In case more than one HS-SCCH code is used,	ME_NodeBFunction_HsDschResources.pmSumOfHsScchUsedPwr_2	Sum	

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			the register ed value is the sum of each individual value.			
pmSumOfHsScchUsedPwr_30	ACCUMULATION	INTEGER	HS-SCCH transmitted power per cell. In case more than one HS-SCCH code is used, the register ed value is the sum of each individual value.	ME_NodeBFunction_HsDschResources.pmSumOfHsScchUsedPwr_30	Sum	
pmSumOfHsScchUsedPwr_31	ACCUMULATION	INTEGER	HS-SCCH transmitted power per cell. In case more than one HS-	ME_NodeBFunction_HsDschResources.pmSumOfHsScchUsedPwr_31	Sum	

			SCCH code is used, the registered value is the sum of each individual value.			
pmSumOfHsScchUsedPwr_32	ACCUMULATION	INTEGER	HS-SCCH transmitted power per cell. In case more than one HS-SCCH code is used, the registered value is the sum of each individual value.	ME_NodeBFunction_HsDschResources.pmSumOfHsScchUsedPwr_32	Sum	
pmSumOfHsScchUsedPwr_33	ACCUMULATION	INTEGER	HS-SCCH transmitted	ME_NodeBFunction_HsDschResources.pmSumOfHsScchUsedPwr_33	Sum	

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			power per cell. In case more than one HS-SCCH code is used, the registered value is the sum of each individual value.			
pmSumOfHsScchUsedPwr_34	ACCUMULATION	INTEGER	HS-SCCH transmitted power per cell. In case more than one HS-SCCH code is used, the registered value is the sum of each individual value.	ME_NodeBFunction_HsDschResources.pmSumOfHsScchUsedPwr_34	Sum	
pmSumOfHsScch	ACCUMUL	INTE	HS-	ME_NodeBFunction_HsDsch	Sum	

UsedPwr_35	ATION	GER	SCCH transmitted power per cell. In case more than one HS-SCCH code is used, the registered value is the sum of each individual value.	Resources.pmSumOfHsScchUsedPwr_35		
pmSumOfHsScchUsedPwr_36	ACCUMULATION	INTEGER	HS-SCCH transmitted power per cell. In case more than one HS-SCCH code is used, the register	ME_NodeBFunction_HsDschResources.pmSumOfHsScchUsedPwr_36	Sum	

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			ed value is the sum of each individual value.			
pmSumOfHsScchUsedPwr_37	ACCUMULATION	INTEGER	HS-SCCH transmitted power per cell. In case more than one HS-SCCH code is used, the registered value is the sum of each individual value.	ME_NodeBFunction_HsDschResources.pmSumOfHsScchUsedPwr_37	Sum	
pmSumOfHsScchUsedPwr_38	ACCUMULATION	INTEGER	HS-SCCH transmitted power per cell. In case more than one HS-SCCH code is	ME_NodeBFunction_HsDschResources.pmSumOfHsScchUsedPwr_38	Sum	

			used, the registered value is the sum of each individual value.			
pmSumOfHsScchUsedPwr_39	ACCUMULATION	INTEGER	HS-SCCH transmitted power per cell. In case more than one HS-SCCH code is used, the registered value is the sum of each individual value.	ME_NodeBFunction_HsDschResources.pmSumOfHsScchUsedPwr_39	Sum	
pmSumOfHsScchUsedPwr_3	ACCUMULATION	INTEGER	HS-SCCH transmitted power per	ME_NodeBFunction_HsDschResources.pmSumOfHsScchUsedPwr_3	Sum	

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			cell. In case more than one HS-SCCH code is used, the registered value is the sum of each individual value.			
pmSumOfHsScchUsedPwr_40	ACCUMULATION	INTEGER	HS-SCCH transmitted power per cell. In case more than one HS-SCCH code is used, the registered value is the sum of each individual value.	ME_NodeBFunction_HsDschResources.pmSumOfHsScchUsedPwr_40	Sum	
pmSumOfHsScchUsedPwr_41	ACCUMULATION	INTEGER	HS-SCCH transmi	ME_NodeBFunction_HsDschResources.pmSumOfHsScchUsedPwr_41	Sum	

			tted power per cell. In case more than one HS-SCCH code is used, the registered value is the sum of each individual value.			
pmSumOfHsScchUsedPwr_42	ACCUMULATION	INTEGER	HS-SCCH transmitted power per cell. In case more than one HS-SCCH code is used, the registered value is	ME_NodeBFunction_HsDschResources.pmSumOfHsScchUsedPwr_42	Sum	

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			the sum of each individual value.			
pmSumOfHsScchUsedPwr_43	ACCUMULATION	INTEGER	HS-SCCH transmitted power per cell. In case more than one HS-SCCH code is used, the registered value is the sum of each individual value.	ME_NodeBFunction_HsDschResources.pmSumOfHsScchUsedPwr_43	Sum	
pmSumOfHsScchUsedPwr_44	ACCUMULATION	INTEGER	HS-SCCH transmitted power per cell. In case more than one HS-SCCH code is used, the	ME_NodeBFunction_HsDschResources.pmSumOfHsScchUsedPwr_44	Sum	

			registered value is the sum of each individual value.			
pmSumOfHsScchUsedPwr_45	ACCUMULATION	INTEGER	HS-SCCH transmitted power per cell. In case more than one HS-SCCH code is used, the registered value is the sum of each individual value.	ME_NodeBFunction_HsDschResources.pmSumOfHsScchUsedPwr_45	Sum	
pmSumOfHsScchUsedPwr_46	ACCUMULATION	INTEGER	HS-SCCH transmitted power per cell. In case	ME_NodeBFunction_HsDschResources.pmSumOfHsScchUsedPwr_46	Sum	

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			more than one HS-SCCH code is used, the registered value is the sum of each individual value.			
pmSumOfHsScchUsedPwr_47	ACCUMULATION	INTEGER	HS-SCCH transmitted power per cell. In case more than one HS-SCCH code is used, the registered value is the sum of each individual value.	ME_NodeBFunction_HsDschResources.pmSumOfHsScchUsedPwr_47	Sum	
pmSumOfHsScchUsedPwr_48	ACCUMULATION	INTEGER	HS-SCCH transmitted power	ME_NodeBFunction_HsDschResources.pmSumOfHsScchUsedPwr_48	Sum	

			per cell. In case more than one HS-SCCH code is used, the registered value is the sum of each individual value.		
pmSumOfHsScchUsedPwr_49	ACCUMULATION	INTEGER	HS-SCCH transmitted power per cell. In case more than one HS-SCCH code is used, the registered value is the sum of each	ME_NodeBFunction_HsDschResources.pmSumOfHsScchUsedPwr_49	Sum

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			individual value.			
pmSumOfHsScchUsedPwr_4	ACCUMULATION	INTEGER	HS-SCCH transmitted power per cell. In case more than one HS-SCCH code is used, the registered value is the sum of each individual value.	ME_NodeBFunction_HsDschResources.pmSumOfHsScchUsedPwr_4	Sum	
pmSumOfHsScchUsedPwr_50	ACCUMULATION	INTEGER	HS-SCCH transmitted power per cell. In case more than one HS-SCCH code is used, the registered	ME_NodeBFunction_HsDschResources.pmSumOfHsScchUsedPwr_50	Sum	

			value is the sum of each individual value.			
pmSumOfHsScchUsedPwr_51	ACCUMULATION	INTEGER	HS-SCCH transmitted power per cell. In case more than one HS-SCCH code is used, the registered value is the sum of each individual value.	ME_NodeBFunction_HsDschResources.pmSumOfHsScchUsedPwr_51	Sum	
pmSumOfHsScchUsedPwr_52	ACCUMULATION	INTEGER	HS-SCCH transmitted power per cell. In case more than	ME_NodeBFunction_HsDschResources.pmSumOfHsScchUsedPwr_52	Sum	

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			one HS-SCCH code is used, the registered value is the sum of each individual value.			
pmSumOfHsScchUsedPwr_53	ACCUMULATION	INTEGER	HS-SCCH transmitted power per cell. In case more than one HS-SCCH code is used, the registered value is the sum of each individual value.	ME_NodeBFunction_HsDschResources.pmSumOfHsScchUsedPwr_53	Sum	
pmSumOfHsScchUsedPwr_54	ACCUMULATION	INTEGER	HS-SCCH transmitted power per cell. In	ME_NodeBFunction_HsDschResources.pmSumOfHsScchUsedPwr_54	Sum	

			case more than one HS-SCCH code is used, the registered value is the sum of each individual value.		
pmSumOfHsScchUsedPwr_55	ACCUMULATION	INTEGER	HS-SCCH transmitted power per cell. In case more than one HS-SCCH code is used, the registered value is the sum of each individual	ME_NodeBFunction_HsDschResources.pmSumOfHsScchUsedPwr_55	Sum

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			value.			
pmSumOfHsScchUsedPwr_56	ACCUMULATION	INTEGER	HS-SCCH transmitted power per cell. In case more than one HS-SCCH code is used, the registered value is the sum of each individual value.	ME_NodeBFunction_HsDschResources.pmSumOfHsScchUsedPwr_56	Sum	
pmSumOfHsScchUsedPwr_57	ACCUMULATION	INTEGER	HS-SCCH transmitted power per cell. In case more than one HS-SCCH code is used, the registered value is the sum	ME_NodeBFunction_HsDschResources.pmSumOfHsScchUsedPwr_57	Sum	

			of each individual value.			
pmSumOfHsScchUsedPwr_58	ACCUMULATION	INTEGER	HS-SCCH transmitted power per cell. In case more than one HS-SCCH code is used, the registered value is the sum of each individual value.	ME_NodeBFunction_HsDschResources.pmSumOfHsScchUsedPwr_58	Sum	
pmSumOfHsScchUsedPwr_59	ACCUMULATION	INTEGER	HS-SCCH transmitted power per cell. In case more than one HS-	ME_NodeBFunction_HsDschResources.pmSumOfHsScchUsedPwr_59	Sum	

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			SCCH code is used, the registered value is the sum of each individual value.		
pmSumOfHsScchUsedPwr_5	ACCUMULATION	INTEGER	HS-SCCH transmitted power per cell. In case more than one HS-SCCH code is used, the registered value is the sum of each individual value.	ME_NodeBFunction_HsDschResources.pmSumOfHsScchUsedPwr_5	Sum
pmSumOfHsScchUsedPwr_60	ACCUMULATION	INTEGER	HS-SCCH transmitted power per cell. In case more	ME_NodeBFunction_HsDschResources.pmSumOfHsScchUsedPwr_60	Sum

			than one HS-SCCH code is used, the registered value is the sum of each individual value.			
pmSumOfHsScchUsedPwr_61	ACCUMULATION	INTEGER	HS-SCCH transmitted power per cell. In case more than one HS-SCCH code is used, the registered value is the sum of each individual value.	ME_NodeBFunction_HsDschResources.pmSumOfHsScchUsedPwr_61	Sum	
pmSumOfHsScch	ACCUMUL	INTE	HS-	ME_NodeBFunction_HsDsch	Sum	

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UsedPwr_62	ATION	GER	SCCH transmitted power per cell. In case more than one HS-SCCH code is used, the registered value is the sum of each individual value.	Resources.pmSumOfHsScchUsedPwr_62	
pmSumOfHsScchUsedPwr_63	ACCUMULATION	INTEGER	HS-SCCH transmitted power per cell. In case more than one HS-SCCH code is used, the registered value is the sum of each individual	ME_NodeBFunction_HsDschResources.pmSumOfHsScchUsedPwr_63	Sum

			ual value.			
pmSumOfHsScchUsedPwr_64	ACCUMULATION	INTEGER	HS-SCCH transmitted power per cell. In case more than one HS-SCCH code is used, the registered value is the sum of each individual value.	ME_NodeBFunction_HsDschResources.pmSumOfHsScchUsedPwr_64	Sum	
pmSumOfHsScchUsedPwr_65	ACCUMULATION	INTEGER	HS-SCCH transmitted power per cell. In case more than one HS-SCCH code is	ME_NodeBFunction_HsDschResources.pmSumOfHsScchUsedPwr_65	Sum	

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			used, the registered value is the sum of each individual value.			
pmSumOfHsScchUsedPwr_66	ACCUMULATION	INTEGER	HS-SCCH transmitted power per cell. In case more than one HS-SCCH code is used, the registered value is the sum of each individual value.	ME_NodeBFunction_HsDschResources.pmSumOfHsScchUsedPwr_66	Sum	
pmSumOfHsScchUsedPwr_67	ACCUMULATION	INTEGER	HS-SCCH transmitted power per cell. In case more than one	ME_NodeBFunction_HsDschResources.pmSumOfHsScchUsedPwr_67	Sum	

			HS-SCCH code is used, the registered value is the sum of each individual value.			
pmSumOfHsScchUsedPwr_68	ACCUMULATION	INTEGER	HS-SCCH transmitted power per cell. In case more than one HS-SCCH code is used, the registered value is the sum of each individual value.	ME_NodeBFunction_HsDschResources.pmSumOfHsScchUsedPwr_68	Sum	
pmSumOfHsScchUsedPwr_69	ACCUMULATION	INTEGER	HS-SCCH transmi	ME_NodeBFunction_HsDschResources.pmSumOfHsScchUsedPwr_69	Sum	

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			<p>tted power per cell. In case more than one HS-SCCH code is used, the registered value is the sum of each individual value.</p>		
<p>pmSumOfHsScchUsedPwr_6</p>	<p>ACCUMULATION</p>	<p>INTEGER</p>	<p>HS-SCCH transmitted power per cell. In case more than one HS-SCCH code is used, the registered value is the sum of each individual value.</p>	<p>ME_NodeBFunction_HsDschResources.pmSumOfHsScchUsedPwr_6</p>	<p>Sum</p>

pmSumOfHsScchUsedPwr_70	ACCUMULATION	INTEGER	HS-SCCH transmitted power per cell. In case more than one HS-SCCH code is used, the registered value is the sum of each individual value.	ME_NodeBFunction_HsDschResources.pmSumOfHsScchUsedPwr_70	Sum	
pmSumOfHsScchUsedPwr_71	ACCUMULATION	INTEGER	HS-SCCH transmitted power per cell. In case more than one HS-SCCH code is used, the	ME_NodeBFunction_HsDschResources.pmSumOfHsScchUsedPwr_71	Sum	

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			register ed value is the sum of each individ ual value.		
pmSumOfHsScch UsedPwr_72	ACCUMUL ATION	INTE GER	HS- SCCH transmi tted power per cell. In case more than one HS- SCCH code is used, the register ed value is the sum of each individ ual value.	ME_NodeBFunction_HsDsch Resources.pmSumOfHsScchU sedPwr_72	Sum
pmSumOfHsScch UsedPwr_73	ACCUMUL ATION	INTE GER	HS- SCCH transmi tted power per cell. In case more than one HS- SCCH	ME_NodeBFunction_HsDsch Resources.pmSumOfHsScchU sedPwr_73	Sum

			code is used, the registered value is the sum of each individual value.			
pmSumOfHsScchUsedPwr_74	ACCUMULATION	INTEGER	HS-SCCH transmitted power per cell. In case more than one HS-SCCH code is used, the registered value is the sum of each individual value.	ME_NodeBFunction_HsDschResources.pmSumOfHsScchUsedPwr_74	Sum	
pmSumOfHsScchUsedPwr_75	ACCUMULATION	INTEGER	HS-SCCH transmitted power	ME_NodeBFunction_HsDschResources.pmSumOfHsScchUsedPwr_75	Sum	

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			per cell. In case more than one HS-SCCH code is used, the registered value is the sum of each individual value.			
pmSumOfHsScchUsedPwr_76	ACCUMULATION	INTEGER	HS-SCCH transmitted power per cell. In case more than one HS-SCCH code is used, the registered value is the sum of each individual value.	ME_NodeBFunction_HsDschResources.pmSumOfHsScchUsedPwr_76	Sum	
pmSumOfHsScchUsedPwr_77	ACCUMULATION	INTEGER	HS-SCCH	ME_NodeBFunction_HsDschResources.pmSumOfHsScchU	Sum	

			transmitted power per cell. In case more than one HS-SCCH code is used, the registered value is the sum of each individual value.	sedPwr_77		
pmSumOfHsScchUsedPwr_78	ACCUMULATION	INTEGER	HS-SCCH transmitted power per cell. In case more than one HS-SCCH code is used, the registered	ME_NodeBFunction_HsDschResources.pmSumOfHsScchUsedPwr_78	Sum	

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			value is the sum of each individual value.			
pmSumOfHsScchUsedPwr_79	ACCUMULATION	INTEGER	HS-SCCH transmitted power per cell. In case more than one HS-SCCH code is used, the registered value is the sum of each individual value.	ME_NodeBFunction_HsDschResources.pmSumOfHsScchUsedPwr_79	Sum	
pmSumOfHsScchUsedPwr_7	ACCUMULATION	INTEGER	HS-SCCH transmitted power per cell. In case more than one HS-SCCH code is used,	ME_NodeBFunction_HsDschResources.pmSumOfHsScchUsedPwr_7	Sum	

			the registered value is the sum of each individual value.			
pmSumOfHsScchUsedPwr_80	ACCUMULATION	INTEGER	HS-SCCH transmitted power per cell. In case more than one HS-SCCH code is used, the registered value is the sum of each individual value.	ME_NodeBFunction_HsDschResources.pmSumOfHsScchUsedPwr_80	Sum	
pmSumOfHsScchUsedPwr_81	ACCUMULATION	INTEGER	HS-SCCH transmitted power per cell. In	ME_NodeBFunction_HsDschResources.pmSumOfHsScchUsedPwr_81	Sum	

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			case more than one HS-SCCH code is used, the registered value is the sum of each individual value.			
pmSumOfHsScchUsedPwr_82	ACCUMULATION	INTEGER	HS-SCCH transmitted power per cell. In case more than one HS-SCCH code is used, the registered value is the sum of each individual value.	ME_NodeBFunction_HsDschResources.pmSumOfHsScchUsedPwr_82	Sum	
pmSumOfHsScchUsedPwr_83	ACCUMULATION	INTEGER	HS-SCCH transmitted	ME_NodeBFunction_HsDschResources.pmSumOfHsScchUsedPwr_83	Sum	

			power per cell. In case more than one HS-SCCH code is used, the registered value is the sum of each individual value.			
pmSumOfHsScchUsedPwr_84	ACCUMULATION	INTEGER	HS-SCCH transmitted power per cell. In case more than one HS-SCCH code is used, the registered value is the sum	ME_NodeBFunction_HsDschResources.pmSumOfHsScchUsedPwr_84	Sum	

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			of each individual value.			
pmSumOfHsScchUsedPwr_85	ACCUMULATION	INTEGER	HS-SCCH transmitted power per cell. In case more than one HS-SCCH code is used, the registered value is the sum of each individual value.	ME_NodeBFunction_HsDschResources.pmSumOfHsScchUsedPwr_85	Sum	
pmSumOfHsScchUsedPwr_86	ACCUMULATION	INTEGER	HS-SCCH transmitted power per cell. In case more than one HS-SCCH code is used, the register	ME_NodeBFunction_HsDschResources.pmSumOfHsScchUsedPwr_86	Sum	

			ed value is the sum of each individual value.			
pmSumOfHsScchUsedPwr_87	ACCUMULATION	INTEGER	HS-SCCH transmitted power per cell. In case more than one HS-SCCH code is used, the registered value is the sum of each individual value.	ME_NodeBFunction_HsDschResources.pmSumOfHsScchUsedPwr_87	Sum	
pmSumOfHsScchUsedPwr_88	ACCUMULATION	INTEGER	HS-SCCH transmitted power per cell. In case more	ME_NodeBFunction_HsDschResources.pmSumOfHsScchUsedPwr_88	Sum	

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			than one HS-SCCH code is used, the registered value is the sum of each individual value.			
pmSumOfHsScchUsedPwr_89	ACCUMULATION	INTEGER	HS-SCCH transmitted power per cell. In case more than one HS-SCCH code is used, the registered value is the sum of each individual value.	ME_NodeBFunction_HsDschResources.pmSumOfHsScchUsedPwr_89	Sum	
pmSumOfHsScchUsedPwr_8	ACCUMULATION	INTEGER	HS-SCCH transmitted power per	ME_NodeBFunction_HsDschResources.pmSumOfHsScchUsedPwr_8	Sum	

			cell. In case more than one HS-SCCH code is used, the registered value is the sum of each individual value.			
pmSumOfHsScchUsedPwr_90	ACCUMULATION	INTEGER	HS-SCCH transmitted power per cell. In case more than one HS-SCCH code is used, the registered value is the sum of each individual	ME_NodeBFunction_HsDschResources.pmSumOfHsScchUsedPwr_90	Sum	

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			ual value.			
pmSumOfHsScchUsedPwr_91	ACCUMULATION	INTEGER	HS-SCCH transmitted power per cell. In case more than one HS-SCCH code is used, the registered value is the sum of each individual value.	ME_NodeBFunction_HsDschResources.pmSumOfHsScchUsedPwr_91	Sum	
pmSumOfHsScchUsedPwr_92	ACCUMULATION	INTEGER	HS-SCCH transmitted power per cell. In case more than one HS-SCCH code is used, the registered value is	ME_NodeBFunction_HsDschResources.pmSumOfHsScchUsedPwr_92	Sum	

			the sum of each individual value.			
pmSumOfHsScchUsedPwr_93	ACCUMULATION	INTEGER	HS-SCCH transmitted power per cell. In case more than one HS-SCCH code is used, the registered value is the sum of each individual value.	ME_NodeBFunction_HsDschResources.pmSumOfHsScchUsedPwr_93	Sum	
pmSumOfHsScchUsedPwr_94	ACCUMULATION	INTEGER	HS-SCCH transmitted power per cell. In case more than one	ME_NodeBFunction_HsDschResources.pmSumOfHsScchUsedPwr_94	Sum	

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			HS-SCCH code is used, the registered value is the sum of each individual value.		
pmSumOfHsScchUsedPwr_95	ACCUMULATION	INTEGER	HS-SCCH transmitted power per cell. In case more than one HS-SCCH code is used, the registered value is the sum of each individual value.	ME_NodeBFunction_HsDschResources.pmSumOfHsScchUsedPwr_95	Sum
pmSumOfHsScchUsedPwr_96	ACCUMULATION	INTEGER	HS-SCCH transmitted power per cell. In case	ME_NodeBFunction_HsDschResources.pmSumOfHsScchUsedPwr_96	Sum

			more than one HS-SCCH code is used, the registered value is the sum of each individual value.		
pmSumOfHsScchUsedPwr_97	ACCUMULATION	INTEGER	HS-SCCH transmitted power per cell. In case more than one HS-SCCH code is used, the registered value is the sum of each individual value.	ME_NodeBFunction_HsDschResources.pmSumOfHsScchUsedPwr_97	Sum

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pmSumOfHsScchUsedPwr_98	ACCUMULATION	INTEGER	HS-SCCH transmitted power per cell. In case more than one HS-SCCH code is used, the registered value is the sum of each individual value.	ME_NodeBFunction_HsDschResources.pmSumOfHsScchUsedPwr_98	Sum	
pmSumOfHsScchUsedPwr_99	ACCUMULATION	INTEGER	HS-SCCH transmitted power per cell. In case more than one HS-SCCH code is used, the registered value is the sum of each	ME_NodeBFunction_HsDschResources.pmSumOfHsScchUsedPwr_99	Sum	

			individual value.			
pmSumOfHsScchUsedPwr_9	ACCUMULATION	INTEGER	HS-SCCH transmitted power per cell. In case more than one HS-SCCH code is used, the registered value is the sum of each individual value.	ME_NodeBFunction_HsDschResources.pmSumOfHsScchUsedPwr_9	Sum	

7.12.48CDMA_Channel.Ericsson.UMTS.PDF_pmTotalRotCoverage

pmTotalRotCoverage PDF counters

KPI	Type	Data Type	Description	Derivation	Default Aggregator	Other Aggregators
pmTotalRotCoverage_0	ACCUMULATION	INTEGER	Counter per cell for the total	ME_NodeBFunction_Sector_Carrier_EDchResources.pmTotalRotCoverage_0	Sum	

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			Rise over Thermal (RoT) (including all uplink traffic and external interference) that affects the coverage.		
pmTotalRotCoverage_10	ACCUMULATION	INTEGER	Counter per cell for the total Rise over Thermal (RoT) (including all uplink traffic and external interference) that affects the coverage.	ME_NodeBFunction_Sector_Carrier_EDchResources.p mTotalRotCoverage_10	Sum
pmTotalRotCoverage_11	ACCUMULATION	INTEGER	Counter per cell for the total Rise over Thermal (RoT) (includi	ME_NodeBFunction_Sector_Carrier_EDchResources.p mTotalRotCoverage_11	Sum

			ng all uplink traffic and external interference) that affects the coverage.		
pmTotalRotCoverage_12	ACCUMULATION	INTEGER	Counter per cell for the total Rise over Thermal (RoT) (including all uplink traffic and external interference) that affects the coverage.	ME_NodeBFunction_Sector_Carrier_EDchResources.p mTotalRotCoverage_12	Sum
pmTotalRotCoverage_13	ACCUMULATION	INTEGER	Counter per cell for the total Rise over Thermal (RoT) (includi	ME_NodeBFunction_Sector_Carrier_EDchResources.p mTotalRotCoverage_13	Sum

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			ng all uplink traffic and external interference) that affects the coverage.			
pmTotalRotCoverage_14	ACCUMULATION	INTEGER	Counter per cell for the total Rise over Thermal (RoT) (including all uplink traffic and external interference) that affects the coverage.	ME_NodeBFunction_Sector_Carrier_EDchResources.p mTotalRotCoverage_14	Sum	
pmTotalRotCoverage_15	ACCUMULATION	INTEGER	Counter per cell for the total Rise over Thermal (RoT) (including all uplink traffic and external	ME_NodeBFunction_Sector_Carrier_EDchResources.p mTotalRotCoverage_15	Sum	

			interference) that affects the coverage.			
pmTotalRotCoverage_16	ACCUMULATION	INTEGER	Counter per cell for the total Rise over Thermal (RoT) (including all uplink traffic and external interference) that affects the coverage.	ME_NodeBFunction_Sector_Carrier_EDchResources.p mTotalRotCoverage_16	Sum	
pmTotalRotCoverage_17	ACCUMULATION	INTEGER	Counter per cell for the total Rise over Thermal (RoT) (including all uplink traffic and external	ME_NodeBFunction_Sector_Carrier_EDchResources.p mTotalRotCoverage_17	Sum	

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			interference) that affects the coverage.			
pmTotalRotCoverage_18	ACCUMULATION	INTEGER	Counter per cell for the total Rise over Thermal (RoT) (including all uplink traffic and external interference) that affects the coverage.	ME_NodeBFunction_Sector_Carrier_EDchResources.p mTotalRotCoverage_18	Sum	
pmTotalRotCoverage_19	ACCUMULATION	INTEGER	Counter per cell for the total Rise over Thermal (RoT) (including all uplink traffic and external interference) that affects the coverage.	ME_NodeBFunction_Sector_Carrier_EDchResources.p mTotalRotCoverage_19	Sum	

			e.		
pmTotalRotCoverage_1	ACCUMULATION	INTEGER	Counter per cell for the total Rise over Thermal (RoT) (including all uplink traffic and external interference) that affects the coverage.	ME_NodeBFunction_Sector_Carrier_EDchResources.p mTotalRotCoverage_1	Sum
pmTotalRotCoverage_20	ACCUMULATION	INTEGER	Counter per cell for the total Rise over Thermal (RoT) (including all uplink traffic and external interference) that affects the coverage.	ME_NodeBFunction_Sector_Carrier_EDchResources.p mTotalRotCoverage_20	Sum

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			e.			
pmTotalRotCoverage_21	ACCUMULATION	INTEGER	Counter per cell for the total Rise over Thermal (RoT) (including all uplink traffic and external interference) that affects the coverage.	ME_NodeBFunction_Sector_Carrier_EDchResources.p mTotalRotCoverage_21	Sum	
pmTotalRotCoverage_22	ACCUMULATION	INTEGER	Counter per cell for the total Rise over Thermal (RoT) (including all uplink traffic and external interference) that affects the coverage.	ME_NodeBFunction_Sector_Carrier_EDchResources.p mTotalRotCoverage_22	Sum	
pmTotalRotCoverage_23	ACCUMULATION	INTEGER	Counter per cell for the	ME_NodeBFunction_Sector_Carrier_EDchResources.p mTotalRotCoverage_23	Sum	

			total Rise over Thermal (RoT) (including all uplink traffic and external interference) that affects the coverage.			
pmTotalRotCoverage_24	ACCUMULATION	INTERGER	Counter per cell for the total Rise over Thermal (RoT) (including all uplink traffic and external interference) that affects the coverage.	ME_NodeBFunction_Sector_Carrier_EDchResources.p mTotalRotCoverage_24	Sum	
pmTotalRotCoverage_25	ACCUMULATION	INTERGER	Counter per cell for the	ME_NodeBFunction_Sector_Carrier_EDchResources.p mTotalRotCoverage_25	Sum	

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			total Rise over Thermal (RoT) (including all uplink traffic and external interference) that affects the coverage.			
pmTotalRotCoverage_26	ACCUMULATION	INTEGER	Counter per cell for the total Rise over Thermal (RoT) (including all uplink traffic and external interference) that affects the coverage.	ME_NodeBFunction_Sector_Carrier_EDchResources.p mTotalRotCoverage_26	Sum	
pmTotalRotCoverage_27	ACCUMULATION	INTEGER	Counter per cell for the total Rise over Thermal (RoT)	ME_NodeBFunction_Sector_Carrier_EDchResources.p mTotalRotCoverage_27	Sum	

			(including all uplink traffic and external interference) that affects the coverage.			
pmTotalRotCoverage_28	ACCUMULATION	INTEGER	Counter per cell for the total Rise over Thermal (RoT) (including all uplink traffic and external interference) that affects the coverage.	ME_NodeBFunction_Sector_Carrier_EDchResources.p mTotalRotCoverage_28	Sum	
pmTotalRotCoverage_29	ACCUMULATION	INTEGER	Counter per cell for the total Rise over Thermal (RoT)	ME_NodeBFunction_Sector_Carrier_EDchResources.p mTotalRotCoverage_29	Sum	

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			(including all uplink traffic and external interference) that affects the coverage.			
pmTotalRotCoverage_2	ACCUMULATION	INTEGER	Counter per cell for the total Rise over Thermal (RoT) (including all uplink traffic and external interference) that affects the coverage.	ME_NodeBFunction_Sector_Carrier_EDchResources.p mTotalRotCoverage_2	Sum	
pmTotalRotCoverage_30	ACCUMULATION	INTEGER	Counter per cell for the total Rise over Thermal (RoT) (including all uplink traffic and	ME_NodeBFunction_Sector_Carrier_EDchResources.p mTotalRotCoverage_30	Sum	

			external interference) that affects the coverage.		
pmTotalRotCoverage_31	ACCUMULATION	INTEGER	Counter per cell for the total Rise over Thermal (RoT) (including all uplink traffic and external interference) that affects the coverage.	ME_NodeBFunction_Sector_Carrier_EDchResources.p mTotalRotCoverage_31	Sum
pmTotalRotCoverage_32	ACCUMULATION	INTEGER	Counter per cell for the total Rise over Thermal (RoT) (including all uplink traffic and	ME_NodeBFunction_Sector_Carrier_EDchResources.p mTotalRotCoverage_32	Sum

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			external interference) that affects the coverage.			
pmTotalRotCoverage_33	ACCUMULATION	INTEGER	Counter per cell for the total Rise over Thermal (RoT) (including all uplink traffic and external interference) that affects the coverage.	ME_NodeBFunction_Sector_Carrier_EDchResources.p mTotalRotCoverage_33	Sum	
pmTotalRotCoverage_34	ACCUMULATION	INTEGER	Counter per cell for the total Rise over Thermal (RoT) (including all uplink traffic and external interference) that affects the	ME_NodeBFunction_Sector_Carrier_EDchResources.p mTotalRotCoverage_34	Sum	

			coverag e.			
pmTotalRotCov erage_35	ACCUMULA TION	INTE GER	Counter per cell for the total Rise over Thermal (RoT) (includi ng all uplink traffic and external interfere nce) that affects the coverag e.	ME_NodeBFunction_Secto r_Carrier_EDchResources.p mTotalRotCoverage_35	Sum	
pmTotalRotCov erage_36	ACCUMULA TION	INTE GER	Counter per cell for the total Rise over Thermal (RoT) (includi ng all uplink traffic and external interfere nce) that affects the	ME_NodeBFunction_Secto r_Carrier_EDchResources.p mTotalRotCoverage_36	Sum	

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			coverage.		
pmTotalRotCoverage_37	ACCUMULATION	INTEGER	Counter per cell for the total Rise over Thermal (RoT) (including all uplink traffic and external interference) that affects the coverage.	ME_NodeBFunction_Sector_Carrier_EDchResources.p mTotalRotCoverage_37	Sum
pmTotalRotCoverage_38	ACCUMULATION	INTEGER	Counter per cell for the total Rise over Thermal (RoT) (including all uplink traffic and external interference) that affects the coverage.	ME_NodeBFunction_Sector_Carrier_EDchResources.p mTotalRotCoverage_38	Sum
pmTotalRotCoverage_39	ACCUMULATION	INTEGER	Counter per cell	ME_NodeBFunction_Sector_Carrier_EDchResources.p	Sum

			for the total Rise over Thermal (RoT) (including all uplink traffic and external interference) that affects the coverage.	mTotalRotCoverage_39		
pmTotalRotCoverage_3	ACCUMULATION	INTEGER	Counter per cell for the total Rise over Thermal (RoT) (including all uplink traffic and external interference) that affects the coverage.	ME_NodeBFunction_Sector_Carrier_EDchResources.p mTotalRotCoverage_3	Sum	
pmTotalRotCoverage_40	ACCUMULATION	INTEGER	Counter per cell	ME_NodeBFunction_Sector_Carrier_EDchResources.p	Sum	

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			for the total Rise over Thermal (RoT) (including all uplink traffic and external interference) that affects the coverage.	mTotalRotCoverage_40		
pmTotalRotCoverage_41	ACCUMULATION	INTEGER	Counter per cell for the total Rise over Thermal (RoT) (including all uplink traffic and external interference) that affects the coverage.	ME_NodeBFunction_Sector_Carrier_EDchResources.p mTotalRotCoverage_41	Sum	
pmTotalRotCoverage_42	ACCUMULATION	INTEGER	Counter per cell for the total Rise over Thermal	ME_NodeBFunction_Sector_Carrier_EDchResources.p mTotalRotCoverage_42	Sum	

			(RoT) (including all uplink traffic and external interference) that affects the coverage.			
pmTotalRotCoverage_43	ACCUMULATION	INTEGER	Counter per cell for the total Rise over Thermal (RoT) (including all uplink traffic and external interference) that affects the coverage.	ME_NodeBFunction_Sector_Carrier_EDchResources.p mTotalRotCoverage_43	Sum	
pmTotalRotCoverage_44	ACCUMULATION	INTEGER	Counter per cell for the total Rise over Thermal	ME_NodeBFunction_Sector_Carrier_EDchResources.p mTotalRotCoverage_44	Sum	

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			(RoT) (including all uplink traffic and external interference) that affects the coverage.			
pmTotalRotCoverage_45	ACCUMULATION	INTEGER	Counter per cell for the total Rise over Thermal (RoT) (including all uplink traffic and external interference) that affects the coverage.	ME_NodeBFunction_Sector_Carrier_EDchResources.p mTotalRotCoverage_45	Sum	
pmTotalRotCoverage_46	ACCUMULATION	INTEGER	Counter per cell for the total Rise over Thermal (RoT) (including all uplink traffic	ME_NodeBFunction_Sector_Carrier_EDchResources.p mTotalRotCoverage_46	Sum	

			and external interference) that affects the coverage.			
pmTotalRotCoverage_47	ACCUMULATION	INTEGER	Counter per cell for the total Rise over Thermal (RoT) (including all uplink traffic and external interference) that affects the coverage.	ME_NodeBFunction_Sector_Carrier_EDchResources.p mTotalRotCoverage_47	Sum	
pmTotalRotCoverage_48	ACCUMULATION	INTEGER	Counter per cell for the total Rise over Thermal (RoT) (including all uplink traffic	ME_NodeBFunction_Sector_Carrier_EDchResources.p mTotalRotCoverage_48	Sum	

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			and external interference) that affects the coverage.		
pmTotalRotCoverage_49	ACCUMULATION	INTEGER	Counter per cell for the total Rise over Thermal (RoT) (including all uplink traffic and external interference) that affects the coverage.	ME_NodeBFunction_Sector_Carrier_EDchResources.p mTotalRotCoverage_49	Sum
pmTotalRotCoverage_4	ACCUMULATION	INTEGER	Counter per cell for the total Rise over Thermal (RoT) (including all uplink traffic and external interference) that affects	ME_NodeBFunction_Sector_Carrier_EDchResources.p mTotalRotCoverage_4	Sum

			the coverage.		
pmTotalRotCoverage_50	ACCUMULATION	INTEGER	Counter per cell for the total Rise over Thermal (RoT) (including all uplink traffic and external interference) that affects the coverage.	ME_NodeBFunction_Sector_Carrier_EDchResources.p mTotalRotCoverage_50	Sum
pmTotalRotCoverage_5	ACCUMULATION	INTEGER	Counter per cell for the total Rise over Thermal (RoT) (including all uplink traffic and external interference) that affects	ME_NodeBFunction_Sector_Carrier_EDchResources.p mTotalRotCoverage_5	Sum

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			the coverage.		
pmTotalRotCoverage_6	ACCUMULATION	INTEGER	Counter per cell for the total Rise over Thermal (RoT) (including all uplink traffic and external interference) that affects the coverage.	ME_NodeBFunction_Sector_Carrier_EDchResources.p mTotalRotCoverage_6	Sum
pmTotalRotCoverage_7	ACCUMULATION	INTEGER	Counter per cell for the total Rise over Thermal (RoT) (including all uplink traffic and external interference) that affects the coverage.	ME_NodeBFunction_Sector_Carrier_EDchResources.p mTotalRotCoverage_7	Sum
pmTotalRotCov	ACCUMULATION	INTE	Counter	ME_NodeBFunction_Secto	Sum

erage_8	TION	GER	per cell for the total Rise over Thermal (RoT) (including all uplink traffic and external interference) that affects the coverage.	r_Carrier_EDchResources.p mTotalRotCoverage_8		
pmTotalRotCoverage_9	ACCUMULATION	INTEGER	Counter per cell for the total Rise over Thermal (RoT) (including all uplink traffic and external interference) that affects the coverage.	ME_NodeBFunction_Sector_Carrier_EDchResources.p mTotalRotCoverage_9	Sum	

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7.12.49CDMA_Channel.Ericsson.UMTS.PDF_pmTotRateGrantedEul

pmTotRateGrantedEul PDF counters

KPI	Type	Data Type	Description	Derivation	Default Aggregator	Other Aggregators
pmTotRateGrantedEul_0	ACCUMULATION	INTEGER	Total granted Uu rate. Counter for the total granted Uu rate for all E-DCH users including soft/soft er handover by the scheduler per cell.	ME_NodeBFunction_Sector_Carrier_EDchResources.p mTotRateGrantedEul_0	Sum	
pmTotRateGrantedEul_10	ACCUMULATION	INTEGER	Total granted Uu rate. Counter for the total granted Uu rate for all E-DCH users including soft/soft er handover by the scheduler per	ME_NodeBFunction_Sector_Carrier_EDchResources.p mTotRateGrantedEul_10	Sum	

			cell.			
pmTotRateGrantedEul_11	ACCUMULATION	INTEGER	Total granted Uu rate. Counter for the total granted Uu rate for all E-DCH users including soft/softer handover by the scheduler per cell.	ME_NodeBFunction_Sector_Carrier_EDchResources.p mTotRateGrantedEul_11	Sum	
pmTotRateGrantedEul_12	ACCUMULATION	INTEGER	Total granted Uu rate. Counter for the total granted Uu rate for all E-DCH users including soft/softer handover by the scheduler per	ME_NodeBFunction_Sector_Carrier_EDchResources.p mTotRateGrantedEul_12	Sum	

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			cell.			
pmTotRateGrantedEul_13	ACCUMULATION	INTEGER	Total granted Uu rate. Counter for the total granted Uu rate for all E-DCH users including soft/soft er handover by the scheduler per cell.	ME_NodeBFunction_Sector_Carrier_EDchResources.p mTotRateGrantedEul_13	Sum	
pmTotRateGrantedEul_14	ACCUMULATION	INTEGER	Total granted Uu rate. Counter for the total granted Uu rate for all E-DCH users including soft/soft er handover by the scheduler per cell.	ME_NodeBFunction_Sector_Carrier_EDchResources.p mTotRateGrantedEul_14	Sum	
pmTotRateGrantedEul_15	ACCUMULATION	INTEGER	Total granted Uu rate.	ME_NodeBFunction_Sector_Carrier_EDchResources.p mTotRateGrantedEul_15	Sum	

			Counter for the total granted Uu rate for all E-DCH users including soft/softer handover by the scheduler per cell.			
pmTotRateGrantedEul_16	ACCUMULATION	INTEGER	Total granted Uu rate. Counter for the total granted Uu rate for all E-DCH users including soft/softer handover by the scheduler per cell.	ME_NodeBFunction_Sector_Carrier_EDchResources.p mTotRateGrantedEul_16	Sum	
pmTotRateGrantedEul_17	ACCUMULATION	INTEGER	Total granted Uu rate.	ME_NodeBFunction_Sector_Carrier_EDchResources.p mTotRateGrantedEul_17	Sum	

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			Counter for the total granted Uu rate for all E-DCH users including soft/softer handover by the scheduler per cell.			
pmTotRateGrantedEul_18	ACCUMULATION	INTEGER	Total granted Uu rate. Counter for the total granted Uu rate for all E-DCH users including soft/softer handover by the scheduler per cell.	ME_NodeBFunction_Sector_Carrier_EDchResources.p mTotRateGrantedEul_18	Sum	
pmTotRateGrantedEul_19	ACCUMULATION	INTEGER	Total granted Uu rate. Counter for the total granted Uu rate	ME_NodeBFunction_Sector_Carrier_EDchResources.p mTotRateGrantedEul_19	Sum	

			for all E-DCH users including soft/softer handover by the scheduler per cell.			
pmTotRateGrantedEul_1	ACCUMULATION	INTEGER	Total granted Uu rate. Counter for the total granted Uu rate for all E-DCH users including soft/softer handover by the scheduler per cell.	ME_NodeBFunction_Sector_Carrier_EDchResources.p mTotRateGrantedEul_1	Sum	
pmTotRateGrantedEul_20	ACCUMULATION	INTEGER	Total granted Uu rate. Counter for the total granted Uu rate	ME_NodeBFunction_Sector_Carrier_EDchResources.p mTotRateGrantedEul_20	Sum	

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			for all E-DCH users including soft/soft er handover by the scheduler per cell.			
pmTotRateGrantedEul_21	ACCUMULATION	INTEGER	Total granted Uu rate. Counter for the total granted Uu rate for all E-DCH users including soft/soft er handover by the scheduler per cell.	ME_NodeBFunction_Sector_Carrier_EDchResources.p mTotRateGrantedEul_21	Sum	
pmTotRateGrantedEul_22	ACCUMULATION	INTEGER	Total granted Uu rate. Counter for the total granted Uu rate for all E-DCH users including	ME_NodeBFunction_Sector_Carrier_EDchResources.p mTotRateGrantedEul_22	Sum	

			soft/soft er handove r by the schedul er per cell.			
pmTotRateGran tedEul_23	ACCUMULA TION	INTE GER	Total granted Uu rate. Counter for the total granted Uu rate for all E-DCH users includin g soft/soft er handove r by the schedul er per cell.	ME_NodeBFunction_Sector _Carrier_EDchResources.p mTotRateGrantedEul_23	Sum	
pmTotRateGran tedEul_24	ACCUMULA TION	INTE GER	Total granted Uu rate. Counter for the total granted Uu rate for all E-DCH users includin g	ME_NodeBFunction_Sector _Carrier_EDchResources.p mTotRateGrantedEul_24	Sum	

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			soft/soft er handove r by the schedul er per cell.			
pmTotRateGran tedEul_25	ACCUMULA TION	INTE GER	Total granted Uu rate. Counter for the total granted Uu rate for all E-DCH users includin g soft/soft er handove r by the schedul er per cell.	ME_NodeBFunction_Sector _Carrier_EDchResources.p mTotRateGrantedEul_25	Sum	
pmTotRateGran tedEul_26	ACCUMULA TION	INTE GER	Total granted Uu rate. Counter for the total granted Uu rate for all E-DCH users includin g soft/soft er handove r by the schedul	ME_NodeBFunction_Sector _Carrier_EDchResources.p mTotRateGrantedEul_26	Sum	

			er per cell.			
pmTotRateGrantedEul_27	ACCUMULATION	INTEGER	Total granted Uu rate. Counter for the total granted Uu rate for all E-DCH users including soft/soft er handover by the scheduler per cell.	ME_NodeBFunction_Sector_Carrier_EDchResources.p mTotRateGrantedEul_27	Sum	
pmTotRateGrantedEul_28	ACCUMULATION	INTEGER	Total granted Uu rate. Counter for the total granted Uu rate for all E-DCH users including soft/soft er handover by the schedul	ME_NodeBFunction_Sector_Carrier_EDchResources.p mTotRateGrantedEul_28	Sum	

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			er per cell.			
pmTotRateGrantedEul_29	ACCUMULATION	INTEGER	Total granted Uu rate. Counter for the total granted Uu rate for all E-DCH users including soft/soft er handover by the scheduler per cell.	ME_NodeBFunction_Sector_Carrier_EDchResources.p mTotRateGrantedEul_29	Sum	
pmTotRateGrantedEul_2	ACCUMULATION	INTEGER	Total granted Uu rate. Counter for the total granted Uu rate for all E-DCH users including soft/soft er handover by the scheduler per cell.	ME_NodeBFunction_Sector_Carrier_EDchResources.p mTotRateGrantedEul_2	Sum	
pmTotRateGrantedEul_30	ACCUMULATION	INTEGER	Total granted	ME_NodeBFunction_Sector_Carrier_EDchResources.p	Sum	

			Uu rate. Counter for the total granted Uu rate for all E-DCH users including soft/soft er handover by the scheduler per cell.	mTotRateGrantedEul_30		
pmTotRateGrantedEul_31	ACCUMULATION	INTEGER	Total granted Uu rate. Counter for the total granted Uu rate for all E-DCH users including soft/soft er handover by the scheduler per cell.	ME_NodeBFunction_Sector_Carrier_EDchResources.p mTotRateGrantedEul_31	Sum	
pmTotRateGrantedEul_32	ACCUMULATION	INTEGER	Total granted	ME_NodeBFunction_Sector_Carrier_EDchResources.p	Sum	

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			Uu rate. Counter for the total granted Uu rate for all E-DCH users including soft/soft er handover by the scheduler per cell.	mTotRateGrantedEul_32		
pmTotRateGrantedEul_33	ACCUMULATION	INTEGER	Total granted Uu rate. Counter for the total granted Uu rate for all E-DCH users including soft/soft er handover by the scheduler per cell.	ME_NodeBFunction_Sector_Carrier_EDchResources.p mTotRateGrantedEul_33	Sum	
pmTotRateGrantedEul_34	ACCUMULATION	INTEGER	Total granted Uu rate. Counter for the total granted	ME_NodeBFunction_Sector_Carrier_EDchResources.p mTotRateGrantedEul_34	Sum	

			Uu rate for all E-DCH users including soft/soft er handover by the scheduler per cell.			
pmTotRateGrantedEul_35	ACCUMULATION	INTEGER	Total granted Uu rate. Counter for the total granted Uu rate for all E-DCH users including soft/soft er handover by the scheduler per cell.	ME_NodeBFunction_Sector_Carrier_EDchResources.p mTotRateGrantedEul_35	Sum	
pmTotRateGrantedEul_36	ACCUMULATION	INTEGER	Total granted Uu rate. Counter for the total granted	ME_NodeBFunction_Sector_Carrier_EDchResources.p mTotRateGrantedEul_36	Sum	

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			Uu rate for all E-DCH users including soft/soft er handover by the scheduler per cell.			
pmTotRateGrantedEul_37	ACCUMULATION	INTEGER	Total granted Uu rate. Counter for the total granted Uu rate for all E-DCH users including soft/soft er handover by the scheduler per cell.	ME_NodeBFunction_Sector_Carrier_EDchResources.p mTotRateGrantedEul_37	Sum	
pmTotRateGrantedEul_38	ACCUMULATION	INTEGER	Total granted Uu rate. Counter for the total granted Uu rate for all E-DCH users includin	ME_NodeBFunction_Sector_Carrier_EDchResources.p mTotRateGrantedEul_38	Sum	

			g soft/soft er handover by the scheduler per cell.			
pmTotRateGrantedEul_39	ACCUMULATION	INTEGER	Total granted Uu rate. Counter for the total granted Uu rate for all E-DCH users including soft/soft er handover by the scheduler per cell.	ME_NodeBFunction_Sector_Carrier_EDchResources.p mTotRateGrantedEul_39	Sum	
pmTotRateGrantedEul_3	ACCUMULATION	INTEGER	Total granted Uu rate. Counter for the total granted Uu rate for all E-DCH users includin	ME_NodeBFunction_Sector_Carrier_EDchResources.p mTotRateGrantedEul_3	Sum	

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			g soft/soft er handover by the scheduler per cell.			
pmTotRateGrantedEul_40	ACCUMULATION	INTEGER	Total granted Uu rate. Counter for the total granted Uu rate for all E-DCH users including soft/soft er handover by the scheduler per cell.	ME_NodeBFunction_Sector_Carrier_EDchResources.p mTotRateGrantedEul_40	Sum	
pmTotRateGrantedEul_41	ACCUMULATION	INTEGER	Total granted Uu rate. Counter for the total granted Uu rate for all E-DCH users including soft/soft er handover by the	ME_NodeBFunction_Sector_Carrier_EDchResources.p mTotRateGrantedEul_41	Sum	

			schedul er per cell.			
pmTotRateGran tedEul_42	ACCUMULA TION	INTE GER	Total granted Uu rate. Counter for the total granted Uu rate for all E-DCH users includin g soft/soft er handove r by the schedul er per cell.	ME_NodeBFunction_Sector _Carrier_EDchResources.p mTotRateGrantedEul_42	Sum	
pmTotRateGran tedEul_43	ACCUMULA TION	INTE GER	Total granted Uu rate. Counter for the total granted Uu rate for all E-DCH users includin g soft/soft er handove r by the	ME_NodeBFunction_Sector _Carrier_EDchResources.p mTotRateGrantedEul_43	Sum	

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			schedul er per cell.			
pmTotRateGran tedEul_44	ACCUMULA TION	INTE GER	Total granted Uu rate. Counter for the total granted Uu rate for all E-DCH users includin g soft/soft er handove r by the schedul er per cell.	ME_NodeBFunction_Sector _Carrier_EDchResources.p mTotRateGrantedEul_44	Sum	
pmTotRateGran tedEul_45	ACCUMULA TION	INTE GER	Total granted Uu rate. Counter for the total granted Uu rate for all E-DCH users includin g soft/soft er handove r by the schedul er per cell.	ME_NodeBFunction_Sector _Carrier_EDchResources.p mTotRateGrantedEul_45	Sum	
pmTotRateGran	ACCUMULA	INTE	Total	ME_NodeBFunction_Sector	Sum	

tedEul_46	TION	GER	granted Uu rate. Counter for the total granted Uu rate for all E-DCH users includin g soft/soft er handove r by the schedul er per cell.	_Carrier_EDchResources.p mTotRateGrantedEul_46		
pmTotRateGran tedEul_47	ACCUMULA TION	INTE GER	Total granted Uu rate. Counter for the total granted Uu rate for all E-DCH users includin g soft/soft er handove r by the schedul er per cell.	ME_NodeBFunction_Sector _Carrier_EDchResources.p mTotRateGrantedEul_47	Sum	
pmTotRateGran	ACCUMULA	INTE	Total	ME_NodeBFunction_Sector	Sum	

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tedEul_48	TION	GER	granted Uu rate. Counter for the total granted Uu rate for all E-DCH users includin g soft/soft er handove r by the schedul er per cell.	_Carrier_EDchResources.p mTotRateGrantedEul_48		
pmTotRateGran tedEul_49	ACCUMULA TION	INTE GER	Total granted Uu rate. Counter for the total granted Uu rate for all E-DCH users includin g soft/soft er handove r by the schedul er per cell.	ME_NodeBFunction_Sector _Carrier_EDchResources.p mTotRateGrantedEul_49	Sum	
pmTotRateGran tedEul_4	ACCUMULA TION	INTE GER	Total granted Uu rate. Counter for the total	ME_NodeBFunction_Sector _Carrier_EDchResources.p mTotRateGrantedEul_4	Sum	

			granted Uu rate for all E-DCH users includin g soft/soft er handove r by the schedul er per cell.			
pmTotRateGran tedEul_50	ACCUMULA TION	INTE GER	Total granted Uu rate. Counter for the total granted Uu rate for all E-DCH users includin g soft/soft er handove r by the schedul er per cell.	ME_NodeBFunction_Sector _Carrier_EDchResources.p mTotRateGrantedEul_50	Sum	
pmTotRateGran tedEul_51	ACCUMULA TION	INTE GER	Total granted Uu rate. Counter for the total	ME_NodeBFunction_Sector _Carrier_EDchResources.p mTotRateGrantedEul_51	Sum	

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			granted Uu rate for all E-DCH users includin g soft/soft er handove r by the schedul er per cell.			
pmTotRateGran tedEul_52	ACCUMULA TION	INTE GER	Total granted Uu rate. Counter for the total granted Uu rate for all E-DCH users includin g soft/soft er handove r by the schedul er per cell.	ME_NodeBFunction_Sector _Carrier_EDchResources.p mTotRateGrantedEul_52	Sum	
pmTotRateGran tedEul_53	ACCUMULA TION	INTE GER	Total granted Uu rate. Counter for the total granted Uu rate for all E-DCH users	ME_NodeBFunction_Sector _Carrier_EDchResources.p mTotRateGrantedEul_53	Sum	

			including soft/soft er handover by the scheduler per cell.			
pmTotRateGrantedEul_54	ACCUMULATION	INTEGER	Total granted Uu rate. Counter for the total granted Uu rate for all E-DCH users including soft/soft er handover by the scheduler per cell.	ME_NodeBFunction_Sector_Carrier_EDchResources.p mTotRateGrantedEul_54	Sum	
pmTotRateGrantedEul_55	ACCUMULATION	INTEGER	Total granted Uu rate. Counter for the total granted Uu rate for all E-DCH users	ME_NodeBFunction_Sector_Carrier_EDchResources.p mTotRateGrantedEul_55	Sum	

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			including soft/soft er handover by the scheduler per cell.			
pmTotRateGrantedEul_56	ACCUMULATION	INTEGER	Total granted Uu rate. Counter for the total granted Uu rate for all E-DCH users including soft/soft er handover by the scheduler per cell.	ME_NodeBFunction_Sector_Carrier_EDchResources.p mTotRateGrantedEul_56	Sum	
pmTotRateGrantedEul_57	ACCUMULATION	INTEGER	Total granted Uu rate. Counter for the total granted Uu rate for all E-DCH users including soft/soft er handove	ME_NodeBFunction_Sector_Carrier_EDchResources.p mTotRateGrantedEul_57	Sum	

			r by the scheduler per cell.			
pmTotRateGrantedEul_58	ACCUMULATION	INTEGER	Total granted Uu rate. Counter for the total granted Uu rate for all E-DCH users including soft/soft er handover by the scheduler per cell.	ME_NodeBFunction_Sector_Carrier_EDchResources.p mTotRateGrantedEul_58	Sum	
pmTotRateGrantedEul_59	ACCUMULATION	INTEGER	Total granted Uu rate. Counter for the total granted Uu rate for all E-DCH users including soft/soft er handove	ME_NodeBFunction_Sector_Carrier_EDchResources.p mTotRateGrantedEul_59	Sum	

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			r by the scheduler per cell.			
pmTotRateGrantedEul_5	ACCUMULATION	INTEGER	Total granted Uu rate. Counter for the total granted Uu rate for all E-DCH users including soft/soft er handover by the scheduler per cell.	ME_NodeBFunction_Sector_Carrier_EDchResources.p mTotRateGrantedEul_5	Sum	
pmTotRateGrantedEul_60	ACCUMULATION	INTEGER	Total granted Uu rate. Counter for the total granted Uu rate for all E-DCH users including soft/soft er handover by the scheduler per cell.	ME_NodeBFunction_Sector_Carrier_EDchResources.p mTotRateGrantedEul_60	Sum	

pmTotRateGrantedEul_6	ACCUMULATION	INTEGER	Total granted Uu rate. Counter for the total granted Uu rate for all E-DCH users including soft/soft er handover by the scheduler per cell.	ME_NodeBFunction_Sector_Carrier_EDchResources.p mTotRateGrantedEul_6	Sum	
pmTotRateGrantedEul_7	ACCUMULATION	INTEGER	Total granted Uu rate. Counter for the total granted Uu rate for all E-DCH users including soft/soft er handover by the scheduler per cell.	ME_NodeBFunction_Sector_Carrier_EDchResources.p mTotRateGrantedEul_7	Sum	

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pmTotRateGrantedEul_8	ACCUMULATION	INTEGER	Total granted Uu rate. Counter for the total granted Uu rate for all E-DCH users including soft/soft er handover by the scheduler per cell.	ME_NodeBFunction_Sector_Carrier_EDchResources.p mTotRateGrantedEul_8	Sum	
pmTotRateGrantedEul_9	ACCUMULATION	INTEGER	Total granted Uu rate. Counter for the total granted Uu rate for all E-DCH users including soft/soft er handover by the scheduler per cell.	ME_NodeBFunction_Sector_Carrier_EDchResources.p mTotRateGrantedEul_9	Sum	

7.12.50CDMA_Channel.Ericsson.UMTS.PDF_pmTransmittedCarrierPowerHs

pmTransmittedCarrierPowerHs PDF counters

KPI	Type	Data Type	Description	Derivation	Default Aggregator	Other Aggregators
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pmTransmittedCarrierPowerHs_0	ACCUMULATION	INTEGER	The distribution of transmitted carrier power used for HSDPA.	ME_NodeBFunction_HsDschResources.pmTransmittedCarrierPowerHs_0	Sum	
pmTransmittedCarrierPowerHs_10	ACCUMULATION	INTEGER	The distribution of transmitted carrier power used for HSDPA.	ME_NodeBFunction_HsDschResources.pmTransmittedCarrierPowerHs_10	Sum	
pmTransmittedCarrierPowerHs_11	ACCUMULATION	INTEGER	The distribution of transmitted carrier power used for HSDPA.	ME_NodeBFunction_HsDschResources.pmTransmittedCarrierPowerHs_11	Sum	
pmTransmittedCarrierPowerHs_12	ACCUMULATION	INTEGER	The distribution of transmitted carrier power	ME_NodeBFunction_HsDschResources.pmTransmittedCarrierPowerHs_12	Sum	

			used for HSDPA.			
pmTransmittedCarrierPowerHs_13	ACCUMULATION	INTEGER	The distribution of transmitted carrier power used for HSDPA.	ME_NodeBFunction_HsDschResources.pmTransmittedCarrierPowerHs_13	Sum	
pmTransmittedCarrierPowerHs_14	ACCUMULATION	INTEGER	The distribution of transmitted carrier power used for HSDPA.	ME_NodeBFunction_HsDschResources.pmTransmittedCarrierPowerHs_14	Sum	
pmTransmittedCarrierPowerHs_15	ACCUMULATION	INTEGER	The distribution of transmitted carrier power used for HSDPA.	ME_NodeBFunction_HsDschResources.pmTransmittedCarrierPowerHs_15	Sum	

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			A.			
pmTransmittedCarrierPowerHs_16	ACCUMULATION	INTEGER	The distribution of transmitted carrier power used for HSDPA.	ME_NodeBFunction_HsDschResources.pmTransmittedCarrierPowerHs_16	Sum	
pmTransmittedCarrierPowerHs_17	ACCUMULATION	INTEGER	The distribution of transmitted carrier power used for HSDPA.	ME_NodeBFunction_HsDschResources.pmTransmittedCarrierPowerHs_17	Sum	
pmTransmittedCarrierPowerHs_18	ACCUMULATION	INTEGER	The distribution of transmitted carrier power used for HSDPA.	ME_NodeBFunction_HsDschResources.pmTransmittedCarrierPowerHs_18	Sum	
pmTransmittedCarrierPowerHs_19	ACCUMULATION	INTEGER	The distribution of transmitted	ME_NodeBFunction_HsDschResources.pmTransmittedCarrierPowerHs_19	Sum	

			carrier power used for HSDPA.			
pmTransmittedCarrierPowerHs_1	ACCUMULATION	INTEGER	The distribution of transmitted carrier power used for HSDPA.	ME_NodeBFunction_HsDschResources.pmTransmittedCarrierPowerHs_1	Sum	
pmTransmittedCarrierPowerHs_20	ACCUMULATION	INTEGER	The distribution of transmitted carrier power used for HSDPA.	ME_NodeBFunction_HsDschResources.pmTransmittedCarrierPowerHs_20	Sum	
pmTransmittedCarrierPowerHs_21	ACCUMULATION	INTEGER	The distribution of transmitted carrier power used	ME_NodeBFunction_HsDschResources.pmTransmittedCarrierPowerHs_21	Sum	

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			for HSDPA.			
pmTransmittedCarrierPowerHs_22	ACCUMULATION	INTEGER	The distribution of transmitted carrier power used for HSDPA.	ME_NodeBFunction_HsDschResources.pmTransmittedCarrierPowerHs_22	Sum	
pmTransmittedCarrierPowerHs_23	ACCUMULATION	INTEGER	The distribution of transmitted carrier power used for HSDPA.	ME_NodeBFunction_HsDschResources.pmTransmittedCarrierPowerHs_23	Sum	
pmTransmittedCarrierPowerHs_24	ACCUMULATION	INTEGER	The distribution of transmitted carrier power used for HSDPA.	ME_NodeBFunction_HsDschResources.pmTransmittedCarrierPowerHs_24	Sum	
pmTransmittedCarrierPowerHs_25	ACCUMULATION	INTEGER	The distribution of	ME_NodeBFunction_HsDschResources.pmTransmittedCarrierPowerHs_25	Sum	

			transmitted carrier power used for HSDPA.			
pmTransmittedCarrierPowerHs_26	ACCUMULATION	INTEGER	The distribution of transmitted carrier power used for HSDPA.	ME_NodeBFunction_HsDschResources.pmTransmittedCarrierPowerHs_26	Sum	
pmTransmittedCarrierPowerHs_27	ACCUMULATION	INTEGER	The distribution of transmitted carrier power used for HSDPA.	ME_NodeBFunction_HsDschResources.pmTransmittedCarrierPowerHs_27	Sum	
pmTransmittedCarrierPowerHs_28	ACCUMULATION	INTEGER	The distribution of transmitted carrier	ME_NodeBFunction_HsDschResources.pmTransmittedCarrierPowerHs_28	Sum	

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			power used for HSDPA.			
pmTransmittedCarrierPowerHs_29	ACCUMULATION	INTEGER	The distribution of transmitted carrier power used for HSDPA.	ME_NodeBFunction_HsDschResources.pmTransmittedCarrierPowerHs_29	Sum	
pmTransmittedCarrierPowerHs_2	ACCUMULATION	INTEGER	The distribution of transmitted carrier power used for HSDPA.	ME_NodeBFunction_HsDschResources.pmTransmittedCarrierPowerHs_2	Sum	
pmTransmittedCarrierPowerHs_30	ACCUMULATION	INTEGER	The distribution of transmitted carrier power used for HSDPA.	ME_NodeBFunction_HsDschResources.pmTransmittedCarrierPowerHs_30	Sum	
pmTransmittedCarrierPowerHs_31	ACCUMULATION	INTEGER	The distrib	ME_NodeBFunction_HsDschResources.pmTransmittedCarrier	Sum	

			ution of transmitted carrier power used for HSDPA.	PowerHs_31		
pmTransmittedCarrierPowerHs_32	ACCUMULATION	INTEGER	The distribution of transmitted carrier power used for HSDPA.	ME_NodeBFunction_HsDschResources.pmTransmittedCarrierPowerHs_32	Sum	
pmTransmittedCarrierPowerHs_33	ACCUMULATION	INTEGER	The distribution of transmitted carrier power used for HSDPA.	ME_NodeBFunction_HsDschResources.pmTransmittedCarrierPowerHs_33	Sum	
pmTransmittedCarrierPowerHs_34	ACCUMULATION	INTEGER	The distribution of transm	ME_NodeBFunction_HsDschResources.pmTransmittedCarrierPowerHs_34	Sum	

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			itted carrier power used for HSDPA.		
pmTransmittedCarrierPowerHs_35	ACCUMULATION	INTEGER	The distribution of transmitted carrier power used for HSDPA.	ME_NodeBFunction_HsDschResources.pmTransmittedCarrierPowerHs_35	Sum
pmTransmittedCarrierPowerHs_36	ACCUMULATION	INTEGER	The distribution of transmitted carrier power used for HSDPA.	ME_NodeBFunction_HsDschResources.pmTransmittedCarrierPowerHs_36	Sum
pmTransmittedCarrierPowerHs_37	ACCUMULATION	INTEGER	The distribution of transmitted carrier power used for HSDPA.	ME_NodeBFunction_HsDschResources.pmTransmittedCarrierPowerHs_37	Sum

pmTransmittedCarrierPowerHs_38	ACCUMULATION	INTEGER	The distribution of transmitted carrier power used for HSDPA.	ME_NodeBFunction_HsDschResources.pmTransmittedCarrierPowerHs_38	Sum	
pmTransmittedCarrierPowerHs_39	ACCUMULATION	INTEGER	The distribution of transmitted carrier power used for HSDPA.	ME_NodeBFunction_HsDschResources.pmTransmittedCarrierPowerHs_39	Sum	
pmTransmittedCarrierPowerHs_3	ACCUMULATION	INTEGER	The distribution of transmitted carrier power used for HSDPA.	ME_NodeBFunction_HsDschResources.pmTransmittedCarrierPowerHs_3	Sum	
pmTransmittedCarrierPowerHs_40	ACCUMULATION	INTEGER	The distribution	ME_NodeBFunction_HsDschResources.pmTransmittedCarrierPowerHs_40	Sum	

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			of transmitted carrier power used for HSDPA.			
pmTransmittedCarrierPowerHs_41	ACCUMULATION	INTEGER	The distribution of transmitted carrier power used for HSDPA.	ME_NodeBFunction_HsDschResources.pmTransmittedCarrierPowerHs_41	Sum	
pmTransmittedCarrierPowerHs_42	ACCUMULATION	INTEGER	The distribution of transmitted carrier power used for HSDPA.	ME_NodeBFunction_HsDschResources.pmTransmittedCarrierPowerHs_42	Sum	
pmTransmittedCarrierPowerHs_43	ACCUMULATION	INTEGER	The distribution of transmitted carrier power used for HSDPA.	ME_NodeBFunction_HsDschResources.pmTransmittedCarrierPowerHs_43	Sum	

			A.			
pmTransmittedCarrierPowerHs_44	ACCUMULATION	INTEGER	The distribution of transmitted carrier power used for HSDPA.	ME_NodeBFunction_HsDschResources.pmTransmittedCarrierPowerHs_44	Sum	
pmTransmittedCarrierPowerHs_45	ACCUMULATION	INTEGER	The distribution of transmitted carrier power used for HSDPA.	ME_NodeBFunction_HsDschResources.pmTransmittedCarrierPowerHs_45	Sum	
pmTransmittedCarrierPowerHs_46	ACCUMULATION	INTEGER	The distribution of transmitted carrier power used for HSDPA.	ME_NodeBFunction_HsDschResources.pmTransmittedCarrierPowerHs_46	Sum	
pmTransmittedCarrierPowerHs_47	ACCUMULATION	INTEGER	The	ME_NodeBFunction_HsDschResources	Sum	

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ierPowerHs_47	LATION	GER	distrib ution of transm itted carrier power used for HSDP A.	esources.pmTransmittedCarrier PowerHs_47		
pmTransmittedCarr ierPowerHs_48	ACCUMU LATION	INTE GER	The distrib ution of transm itted carrier power used for HSDP A.	ME_NodeBFunction_HsDschR esources.pmTransmittedCarrier PowerHs_48	Sum	
pmTransmittedCarr ierPowerHs_49	ACCUMU LATION	INTE GER	The distrib ution of transm itted carrier power used for HSDP A.	ME_NodeBFunction_HsDschR esources.pmTransmittedCarrier PowerHs_49	Sum	
pmTransmittedCarr ierPowerHs_4	ACCUMU LATION	INTE GER	The distrib ution of transm itted carrier power used	ME_NodeBFunction_HsDschR esources.pmTransmittedCarrier PowerHs_4	Sum	

			for HSDPA.		
pmTransmittedCarrierPowerHs_50	ACCUMULATION	INTEGER	The distribution of transmitted carrier power used for HSDPA.	ME_NodeBFunction_HsDschResources.pmTransmittedCarrierPowerHs_50	Sum
pmTransmittedCarrierPowerHs_51	ACCUMULATION	INTEGER	The distribution of transmitted carrier power used for HSDPA.	ME_NodeBFunction_HsDschResources.pmTransmittedCarrierPowerHs_51	Sum
pmTransmittedCarrierPowerHs_5	ACCUMULATION	INTEGER	The distribution of transmitted carrier power used for HSDPA.	ME_NodeBFunction_HsDschResources.pmTransmittedCarrierPowerHs_5	Sum

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pmTransmittedCarrierPowerHs_6	ACCUMULATION	INTEGER	The distribution of transmitted carrier power used for HSDPA.	ME_NodeBFunction_HsDschResources.pmTransmittedCarrierPowerHs_6	Sum	
pmTransmittedCarrierPowerHs_7	ACCUMULATION	INTEGER	The distribution of transmitted carrier power used for HSDPA.	ME_NodeBFunction_HsDschResources.pmTransmittedCarrierPowerHs_7	Sum	
pmTransmittedCarrierPowerHs_8	ACCUMULATION	INTEGER	The distribution of transmitted carrier power used for HSDPA.	ME_NodeBFunction_HsDschResources.pmTransmittedCarrierPowerHs_8	Sum	
pmTransmittedCarrierPowerHs_9	ACCUMULATION	INTEGER	The distribution of transmitted carrier power	ME_NodeBFunction_HsDschResources.pmTransmittedCarrierPowerHs_9	Sum	

			used for HSDPA.		
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7.12.51CDMA_Channel.Ericsson.UMTS.PDF_pmTransmittedCarrierPowerNonHs

pmTransmittedCarrierPowerNonHs PDF counters

KPI	Type	Data Type	Description	Derivation	Default Aggregator	Other Aggregators
pmTransmittedCarrierPowerNonHs_0	ACCUMULATION	INTEGER	The distribution of transmitted carrier power for all codes NOT used for HSDPA.	ME_NodeBFunction_HsDschResources.pmTransmittedCarrierPowerNonHs_0	Sum	
pmTransmittedCarrierPowerNonHs_10	ACCUMULATION	INTEGER	The distribution of transmitted carrier power for all codes NOT	ME_NodeBFunction_HsDschResources.pmTransmittedCarrierPowerNonHs_10	Sum	

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			used for HSDPA.			
pmTransmittedCarrierPowerNonHs_11	ACCUMULATION	INTEGER	The distribution of transmitted carrier power for all codes NOT used for HSDPA.	ME_NodeBFunction_HsDschResources.pmTransmittedCarrierPowerNonHs_11	Sum	
pmTransmittedCarrierPowerNonHs_12	ACCUMULATION	INTEGER	The distribution of transmitted carrier power for all codes NOT used for HSDPA.	ME_NodeBFunction_HsDschResources.pmTransmittedCarrierPowerNonHs_12	Sum	
pmTransmittedCarrierPowerNonHs_13	ACCUMULATION	INTEGER	The distribution of transmitted carrier power for all codes	ME_NodeBFunction_HsDschResources.pmTransmittedCarrierPowerNonHs_13	Sum	

			NOT used for HSDPA.			
pmTransmittedCarrierPowerNonHs_14	ACCUMULATION	INTEGER	The distribution of transmitted carrier power for all codes NOT used for HSDPA.	ME_NodeBFunction_HsDschResources.pmTransmittedCarrierPowerNonHs_14	Sum	
pmTransmittedCarrierPowerNonHs_15	ACCUMULATION	INTEGER	The distribution of transmitted carrier power for all codes NOT used for HSDPA.	ME_NodeBFunction_HsDschResources.pmTransmittedCarrierPowerNonHs_15	Sum	
pmTransmittedCarrierPowerNonHs_16	ACCUMULATION	INTEGER	The distribution of	ME_NodeBFunction_HsDschResources.pmTransmittedCarrierPowerNonHs_16	Sum	

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			transmitted carrier power for all codes NOT used for HSDPA.			
pmTransmittedCarrierPowerNonHs_17	ACCUMULATION	INTEGER	The distribution of transmitted carrier power for all codes NOT used for HSDPA.	ME_NodeBFunction_HsDschResources.pmTransmittedCarrierPowerNonHs_17	Sum	
pmTransmittedCarrierPowerNonHs_18	ACCUMULATION	INTEGER	The distribution of transmitted carrier power for all codes NOT used for HSDPA.	ME_NodeBFunction_HsDschResources.pmTransmittedCarrierPowerNonHs_18	Sum	
pmTransmittedCarrierPowerNonHs_19	ACCUMULATION	INTEGER	The distribution	ME_NodeBFunction_HsDschResources.pmTransmittedCarrierPowerNonHs_19	Sum	

			of transmitted carrier power for all codes NOT used for HSDPA.			
pmTransmittedCarrierPowerNonHs_1	ACCUMULATION	INTEGER	The distribution of transmitted carrier power for all codes NOT used for HSDPA.	ME_NodeBFunction_HsDschResources.pmTransmittedCarrierPowerNonHs_1	Sum	
pmTransmittedCarrierPowerNonHs_20	ACCUMULATION	INTEGER	The distribution of transmitted carrier power for all codes NOT used for	ME_NodeBFunction_HsDschResources.pmTransmittedCarrierPowerNonHs_20	Sum	

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			HSDP A.			
pmTransmittedCarrierPowerNonHs_21	ACCUMULATION	INTEGER	The distribution of transmitted carrier power for all codes NOT used for HSDP A.	ME_NodeBFunction_HsDschResources.pmTransmittedCarrierPowerNonHs_21	Sum	
pmTransmittedCarrierPowerNonHs_22	ACCUMULATION	INTEGER	The distribution of transmitted carrier power for all codes NOT used for HSDP A.	ME_NodeBFunction_HsDschResources.pmTransmittedCarrierPowerNonHs_22	Sum	
pmTransmittedCarrierPowerNonHs_23	ACCUMULATION	INTEGER	The distribution of transmitted carrier power for all codes NOT used	ME_NodeBFunction_HsDschResources.pmTransmittedCarrierPowerNonHs_23	Sum	

			for HSDPA.			
pmTransmittedCarrierPowerNonHs_24	ACCUMULATION	INTEGER	The distribution of transmitted carrier power for all codes NOT used for HSDPA.	ME_NodeBFunction_HsDschResources.pmTransmittedCarrierPowerNonHs_24	Sum	
pmTransmittedCarrierPowerNonHs_25	ACCUMULATION	INTEGER	The distribution of transmitted carrier power for all codes NOT used for HSDPA.	ME_NodeBFunction_HsDschResources.pmTransmittedCarrierPowerNonHs_25	Sum	
pmTransmittedCarrierPowerNonHs_26	ACCUMULATION	INTEGER	The distribution of transmitted	ME_NodeBFunction_HsDschResources.pmTransmittedCarrierPowerNonHs_26	Sum	

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			carrier power for all codes NOT used for HSDPA.			
pmTransmittedCarrierPowerNonHs_27	ACCUMULATION	INTEGER	The distribution of transmitted carrier power for all codes NOT used for HSDPA.	ME_NodeBFunction_HsDschResources.pmTransmittedCarrierPowerNonHs_27	Sum	
pmTransmittedCarrierPowerNonHs_28	ACCUMULATION	INTEGER	The distribution of transmitted carrier power for all codes NOT used for HSDPA.	ME_NodeBFunction_HsDschResources.pmTransmittedCarrierPowerNonHs_28	Sum	
pmTransmittedCarrierPowerNonHs_29	ACCUMULATION	INTEGER	The distribution of transm	ME_NodeBFunction_HsDschResources.pmTransmittedCarrierPowerNonHs_29	Sum	

			itted carrier power for all codes NOT used for HSDPA.			
pmTransmittedCarrierPowerNonHs_2	ACCUMULATION	INTEGER	The distribution of transmitted carrier power for all codes NOT used for HSDPA.	ME_NodeBFunction_HsDschResources.pmTransmittedCarrierPowerNonHs_2	Sum	
pmTransmittedCarrierPowerNonHs_30	ACCUMULATION	INTEGER	The distribution of transmitted carrier power for all codes NOT used for HSDPA.	ME_NodeBFunction_HsDschResources.pmTransmittedCarrierPowerNonHs_30	Sum	

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pmTransmittedCarrierPowerNonHs_31	ACCUMULATION	INTEGER	The distribution of transmitted carrier power for all codes NOT used for HSDPA.	ME_NodeBFunction_HsDschResources.pmTransmittedCarrierPowerNonHs_31	Sum	
pmTransmittedCarrierPowerNonHs_32	ACCUMULATION	INTEGER	The distribution of transmitted carrier power for all codes NOT used for HSDPA.	ME_NodeBFunction_HsDschResources.pmTransmittedCarrierPowerNonHs_32	Sum	
pmTransmittedCarrierPowerNonHs_33	ACCUMULATION	INTEGER	The distribution of transmitted carrier power for all codes NOT used for HSDPA.	ME_NodeBFunction_HsDschResources.pmTransmittedCarrierPowerNonHs_33	Sum	

pmTransmittedCarrierPowerNonHs_34	ACCUMULATION	INTEGER	The distribution of transmitted carrier power for all codes NOT used for HSDPA.	ME_NodeBFunction_HsDschResources.pmTransmittedCarrierPowerNonHs_34	Sum	
pmTransmittedCarrierPowerNonHs_35	ACCUMULATION	INTEGER	The distribution of transmitted carrier power for all codes NOT used for HSDPA.	ME_NodeBFunction_HsDschResources.pmTransmittedCarrierPowerNonHs_35	Sum	
pmTransmittedCarrierPowerNonHs_36	ACCUMULATION	INTEGER	The distribution of transmitted carrier power for all codes	ME_NodeBFunction_HsDschResources.pmTransmittedCarrierPowerNonHs_36	Sum	

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			NOT used for HSDPA.			
pmTransmittedCarrierPowerNonHs_37	ACCUMULATION	INTEGER	The distribution of transmitted carrier power for all codes NOT used for HSDPA.	ME_NodeBFunction_HsDschResources.pmTransmittedCarrierPowerNonHs_37	Sum	
pmTransmittedCarrierPowerNonHs_38	ACCUMULATION	INTEGER	The distribution of transmitted carrier power for all codes NOT used for HSDPA.	ME_NodeBFunction_HsDschResources.pmTransmittedCarrierPowerNonHs_38	Sum	
pmTransmittedCarrierPowerNonHs_39	ACCUMULATION	INTEGER	The distribution of transmitted carrier power for all	ME_NodeBFunction_HsDschResources.pmTransmittedCarrierPowerNonHs_39	Sum	

			codes NOT used for HSDPA.			
pmTransmittedCarrierPowerNonHs_3	ACCUMULATION	INTEGER	The distribution of transmitted carrier power for all codes NOT used for HSDPA.	ME_NodeBFunction_HsDschResources.pmTransmittedCarrierPowerNonHs_3	Sum	
pmTransmittedCarrierPowerNonHs_40	ACCUMULATION	INTEGER	The distribution of transmitted carrier power for all codes NOT used for HSDPA.	ME_NodeBFunction_HsDschResources.pmTransmittedCarrierPowerNonHs_40	Sum	
pmTransmittedCarrierPowerNonHs_41	ACCUMULATION	INTEGER	The distribution	ME_NodeBFunction_HsDschResources.pmTransmittedCarrierPowerNonHs_41	Sum	

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			of transmitted carrier power for all codes NOT used for HSDPA.			
pmTransmittedCarrierPowerNonHs_42	ACCUMULATION	INTEGER	The distribution of transmitted carrier power for all codes NOT used for HSDPA.	ME_NodeBFunction_HsDschResources.pmTransmittedCarrierPowerNonHs_42	Sum	
pmTransmittedCarrierPowerNonHs_43	ACCUMULATION	INTEGER	The distribution of transmitted carrier power for all codes NOT used for HSDPA.	ME_NodeBFunction_HsDschResources.pmTransmittedCarrierPowerNonHs_43	Sum	
pmTransmittedCarrierPowerNonHs_44	ACCUMULATION	INTEGER	The distrib	ME_NodeBFunction_HsDschResources.pmTransmittedCarrierPo	Sum	

			ution of transm itted carrier power for all codes NOT used for HSDP A.	werNonHs_44		
pmTransmittedCarrierPowerNonHs_45	ACCUMULATION	INTEGER	The distrib ution of transm itted carrier power for all codes NOT used for HSDP A.	ME_NodeBFunction_HsDschResources.pmTransmittedCarrierPowerNonHs_45	Sum	
pmTransmittedCarrierPowerNonHs_46	ACCUMULATION	INTEGER	The distrib ution of transm itted carrier power for all codes NOT used	ME_NodeBFunction_HsDschResources.pmTransmittedCarrierPowerNonHs_46	Sum	

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			for HSDPA.			
pmTransmittedCarrierPowerNonHs_47	ACCUMULATION	INTEGER	The distribution of transmitted carrier power for all codes NOT used for HSDPA.	ME_NodeBFunction_HsDschResources.pmTransmittedCarrierPowerNonHs_47	Sum	
pmTransmittedCarrierPowerNonHs_48	ACCUMULATION	INTEGER	The distribution of transmitted carrier power for all codes NOT used for HSDPA.	ME_NodeBFunction_HsDschResources.pmTransmittedCarrierPowerNonHs_48	Sum	
pmTransmittedCarrierPowerNonHs_49	ACCUMULATION	INTEGER	The distribution of transmitted carrier power for all codes NOT	ME_NodeBFunction_HsDschResources.pmTransmittedCarrierPowerNonHs_49	Sum	

			used for HSDP A.			
pmTransmittedCarrierPowerNonHs_4	ACCUMULATION	INTEGER	The distribution of transmitted carrier power for all codes NOT used for HSDP A.	ME_NodeBFunction_HsDschResources.pmTransmittedCarrierPowerNonHs_4	Sum	
pmTransmittedCarrierPowerNonHs_50	ACCUMULATION	INTEGER	The distribution of transmitted carrier power for all codes NOT used for HSDP A.	ME_NodeBFunction_HsDschResources.pmTransmittedCarrierPowerNonHs_50	Sum	
pmTransmittedCarrierPowerNonHs_51	ACCUMULATION	INTEGER	The distribution of transm	ME_NodeBFunction_HsDschResources.pmTransmittedCarrierPowerNonHs_51	Sum	

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			itted carrier power for all codes NOT used for HSDPA.			
pmTransmittedCarrierPowerNonHs_5	ACCUMULATION	INTEGER	The distribution of transmitted carrier power for all codes NOT used for HSDPA.	ME_NodeBFunction_HsDschResources.pmTransmittedCarrierPowerNonHs_5	Sum	
pmTransmittedCarrierPowerNonHs_6	ACCUMULATION	INTEGER	The distribution of transmitted carrier power for all codes NOT used for HSDPA.	ME_NodeBFunction_HsDschResources.pmTransmittedCarrierPowerNonHs_6	Sum	
pmTransmittedCarrierPowerNonHs_7	ACCUMULATION	INTEGER	The distribution of	ME_NodeBFunction_HsDschResources.pmTransmittedCarrierPowerNonHs_7	Sum	

			transmitted carrier power for all codes NOT used for HSDPA.			
pmTransmittedCarrierPowerNonHs_8	ACCUMULATION	INTEGER	The distribution of transmitted carrier power for all codes NOT used for HSDPA.	ME_NodeBFunction_HsDschResources.pmTransmittedCarrierPowerNonHs_8	Sum	
pmTransmittedCarrierPowerNonHs_9	ACCUMULATION	INTEGER	The distribution of transmitted carrier power for all codes NOT used for HSDPA.	ME_NodeBFunction_HsDschResources.pmTransmittedCarrierPowerNonHs_9	Sum	

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7.12.52CDMA_Channel.Ericsson.UMTS.PDF_pmUsedCqi

pmUsedCqi PDF counters

KPI	Type	Data Type	Description	Derivation	Default Aggregator	Other Aggregators
pmUsedCqi_0	ACCUMULATION	INTEGER	The adjusted CQI, which is used to calculate the transport format when the user is transmitting on the HS-DSCH. This counter is only relevant for UEs not using MIMO. No corresponding counter exists for UEs using MIMO.	ME_NodeBFunction_HsDschResources.pmUsedCqi_0	Sum	
pmUsedCqi_10	ACCUMULATION	INTEGER	The adjusted CQI, which is used to calculate the transport format when the user is transmitting on the HS-DSCH. This counter is only relevant for UEs not using MIMO. No corresponding	ME_NodeBFunction_HsDschResources.pmUsedCqi_10	Sum	

			g counter exists for UEs using MIMO.		
pmUsedCqi_11	ACCUMULATION	INTEGER	The adjusted CQI, which is used to calculate the transport format when the user is transmitting on the HS-DSCH. This counter is only relevant for UEs not using MIMO. No corresponding counter exists for UEs using MIMO.	ME_NodeBFunction_HsDschResources.pmUsedCqi_11	Sum
pmUsedCqi_12	ACCUMULATION	INTEGER	The adjusted CQI, which is used to calculate the transport format when the user is transmitting on the HS-DSCH. This counter is only relevant for UEs not using MIMO. No corresponding counter exists for UEs	ME_NodeBFunction_HsDschResources.pmUsedCqi_12	Sum

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			using MIMO.			
pmUsedCqi_13	ACCUMULATION	INTEGER	The adjusted CQI, which is used to calculate the transport format when the user is transmitting on the HS-DSCH. This counter is only relevant for UEs not using MIMO. No corresponding counter exists for UEs using MIMO.	ME_NodeBFunction_HsDschResources.pmUsedCqi_13	Sum	
pmUsedCqi_14	ACCUMULATION	INTEGER	The adjusted CQI, which is used to calculate the transport format when the user is transmitting on the HS-DSCH. This counter is only relevant for UEs not using MIMO. No corresponding counter exists for UEs using MIMO.	ME_NodeBFunction_HsDschResources.pmUsedCqi_14	Sum	
pmUsedCqi_15	ACCUMULATION	INTEGER	The adjusted CQI, which is used to calculate the transport	ME_NodeBFunction_HsDschResources.pmUsedCqi_15	Sum	

			format when the user is transmitting on the HS-DSCH. This counter is only relevant for UEs not using MIMO. No corresponding counter exists for UEs using MIMO.		
pmUsedCqi_16	ACCUMULATION	INTEGER	The adjusted CQI, which is used to calculate the transport format when the user is transmitting on the HS-DSCH. This counter is only relevant for UEs not using MIMO. No corresponding counter exists for UEs using MIMO.	ME_NodeBFunction_HsDschResources.pmUsedCqi_16	Sum
pmUsedCqi_17	ACCUMULATION	INTEGER	The adjusted CQI, which is used to calculate the transport format when the user is	ME_NodeBFunction_HsDschResources.pmUsedCqi_17	Sum

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			transmitting on the HS-DSCH. This counter is only relevant for UEs not using MIMO. No corresponding counter exists for UEs using MIMO.		
pmUsedCqi_18	ACCUMULATION	INTEGER	The adjusted CQI, which is used to calculate the transport format when the user is transmitting on the HS-DSCH. This counter is only relevant for UEs not using MIMO. No corresponding counter exists for UEs using MIMO.	ME_NodeBFunction_HsDschResources.pmUsedCqi_18	Sum
pmUsedCqi_19	ACCUMULATION	INTEGER	The adjusted CQI, which is used to calculate the transport format when the user is transmitting on the HS-DSCH. This counter is only relevant for UEs not using MIMO.	ME_NodeBFunction_HsDschResources.pmUsedCqi_19	Sum

			No corresponding counter exists for UEs using MIMO.		
pmUsedCqi_1	ACCUMULATION	INTEGER	The adjusted CQI, which is used to calculate the transport format when the user is transmitting on the HS-DSCH. This counter is only relevant for UEs not using MIMO. No corresponding counter exists for UEs using MIMO.	ME_NodeBFunction_HsDschResources.pmUsedCqi_1	Sum
pmUsedCqi_20	ACCUMULATION	INTEGER	The adjusted CQI, which is used to calculate the transport format when the user is transmitting on the HS-DSCH. This counter is only relevant for UEs not using MIMO. No corresponding	ME_NodeBFunction_HsDschResources.pmUsedCqi_20	Sum

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			g counter exists for UEs using MIMO.			
pmUsedCqi_21	ACCUMULATION	INTEGER	The adjusted CQI, which is used to calculate the transport format when the user is transmitting on the HS-DSCH. This counter is only relevant for UEs not using MIMO. No corresponding counter exists for UEs using MIMO.	ME_NodeBFunction_HsDschResources.pmUsedCqi_21	Sum	
pmUsedCqi_22	ACCUMULATION	INTEGER	The adjusted CQI, which is used to calculate the transport format when the user is transmitting on the HS-DSCH. This counter is only relevant for UEs not using MIMO. No corresponding counter exists for UEs using MIMO.	ME_NodeBFunction_HsDschResources.pmUsedCqi_22	Sum	
pmUsedCqi_23	ACCUMULATION	INTEGER	The adjusted CQI, which is used to	ME_NodeBFunction_HsDschResources.pmUsedCqi_23	Sum	

			calculate the transport format when the user is transmitting on the HS-DSCH. This counter is only relevant for UEs not using MIMO. No corresponding counter exists for UEs using MIMO.			
pmUsedCqi_24	ACCUMULATION	INTEGER	The adjusted CQI, which is used to calculate the transport format when the user is transmitting on the HS-DSCH. This counter is only relevant for UEs not using MIMO. No corresponding counter exists for UEs using MIMO.	ME_NodeBFunction_HsDschResources.pmUsedCqi_24	Sum	
pmUsedCqi_25	ACCUMULATION	INTEGER	The adjusted CQI, which is used to calculate the transport	ME_NodeBFunction_HsDschResources.pmUsedCqi_25	Sum	

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			format when the user is transmitting on the HS-DSCH. This counter is only relevant for UEs not using MIMO. No corresponding counter exists for UEs using MIMO.			
pmUsedCqi_26	ACCUMULATION	INTEGER	The adjusted CQI, which is used to calculate the transport format when the user is transmitting on the HS-DSCH. This counter is only relevant for UEs not using MIMO. No corresponding counter exists for UEs using MIMO.	ME_NodeBFunction_HsDschResources.pmUsedCqi_26	Sum	
pmUsedCqi_27	ACCUMULATION	INTEGER	The adjusted CQI, which is used to calculate the transport format when the user is transmitting on the HS-DSCH. This counter is only relevant	ME_NodeBFunction_HsDschResources.pmUsedCqi_27	Sum	

			for UEs not using MIMO. No corresponding counter exists for UEs using MIMO.		
pmUsedCqi_28	ACCUMULATION	INTEGER	The adjusted CQI, which is used to calculate the transport format when the user is transmitting on the HS-DSCH. This counter is only relevant for UEs not using MIMO. No corresponding counter exists for UEs using MIMO.	ME_NodeBFunction_HsDschResources.pmUsedCqi_28	Sum
pmUsedCqi_29	ACCUMULATION	INTEGER	The adjusted CQI, which is used to calculate the transport format when the user is transmitting on the HS-DSCH. This counter is only relevant for UEs not using MIMO.	ME_NodeBFunction_HsDschResources.pmUsedCqi_29	Sum

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			No corresponding counter exists for UEs using MIMO.			
pmUsedCqi_2	ACCUMULATION	INTEGER	The adjusted CQI, which is used to calculate the transport format when the user is transmitting on the HS-DSCH. This counter is only relevant for UEs not using MIMO. No corresponding counter exists for UEs using MIMO.	ME_NodeBFunction_HsDschResources.pmUsedCqi_2	Sum	
pmUsedCqi_30	ACCUMULATION	INTEGER	The adjusted CQI, which is used to calculate the transport format when the user is transmitting on the HS-DSCH. This counter is only relevant for UEs not using MIMO. No corresponding counter exists for UEs using MIMO.	ME_NodeBFunction_HsDschResources.pmUsedCqi_30	Sum	
pmUsedCqi_	ACCUMULATION	INTEGER	The adjusted	ME_NodeBFunction_H	Sum	

31	TION	ER	CQI, which is used to calculate the transport format when the user is transmitting on the HS-DSCH. This counter is only relevant for UEs not using MIMO. No corresponding counter exists for UEs using MIMO.	sDschResources.pmUsedCqi_31		
pmUsedCqi_3	ACCUMULATION	INTEGER	The adjusted CQI, which is used to calculate the transport format when the user is transmitting on the HS-DSCH. This counter is only relevant for UEs not using MIMO. No corresponding counter exists for UEs using MIMO.	ME_NodeBFunction_HsDschResources.pmUsedCqi_3	Sum	
pmUsedCqi_4	ACCUMULATION	INTEGER	The adjusted CQI, which is used to	ME_NodeBFunction_HsDschResources.pmUsedCqi_4	Sum	

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			calculate the transport format when the user is transmitting on the HS-DSCH. This counter is only relevant for UEs not using MIMO. No corresponding counter exists for UEs using MIMO.		
pmUsedCqi_5	ACCUMULATION	INTEGER	The adjusted CQI, which is used to calculate the transport format when the user is transmitting on the HS-DSCH. This counter is only relevant for UEs not using MIMO. No corresponding counter exists for UEs using MIMO.	ME_NodeBFunction_HsDschResources.pmUsedCqi_5	Sum
pmUsedCqi_6	ACCUMULATION	INTEGER	The adjusted CQI, which is used to calculate the transport format when the user is transmitting on the HS-DSCH. This	ME_NodeBFunction_HsDschResources.pmUsedCqi_6	Sum

			counter is only relevant for UEs not using MIMO. No corresponding counter exists for UEs using MIMO.			
pmUsedCqi_7	ACCUMULATION	INTEGER	The adjusted CQI, which is used to calculate the transport format when the user is transmitting on the HS-DSCH. This counter is only relevant for UEs not using MIMO. No corresponding counter exists for UEs using MIMO.	ME_NodeBFunction_HsDschResources.pmUsedCqi_7	Sum	
pmUsedCqi_8	ACCUMULATION	INTEGER	The adjusted CQI, which is used to calculate the transport format when the user is transmitting on the HS-DSCH. This counter is only relevant	ME_NodeBFunction_HsDschResources.pmUsedCqi_8	Sum	

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			for UEs not using MIMO. No corresponding counter exists for UEs using MIMO.			
pmUsedCqi_9	ACCUMULATION	INTEGER	The adjusted CQI, which is used to calculate the transport format when the user is transmitting on the HS-DSCH. This counter is only relevant for UEs not using MIMO. No corresponding counter exists for UEs using MIMO.	ME_NodeBFunction_HsDschResources.pmUsedCqi_9	Sum	

7.12.53CDMA_Channel.Ericsson.UMTS.PDF_pmUsedHsPdschCodes

pmUsedHsPdschCodes PDF counters

KPI	Type	Data Type	Description	Derivation	Default Aggregator	Other Aggregators
pmUsedHsPdschCodes_0	ACCUMULATION	INTEGER	The distribution of the HS-PDSCH code utilization, as the number	ME_NodeBFunction_HsDschResources.pmUsedHsPdschCodes_0	Sum	

			of HS-PDSCH codes used by the scheduler.			
pmUsedHsPdschCodes_10	ACCUMULATION	INTEGER	The distribution of the HS-PDSCH code utilization, as the number of HS-PDSCH codes used by the scheduler.	ME_NodeBFunction_HsDschResources.pmUsedHsPdschCodes_10	Sum	
pmUsedHsPdschCodes_11	ACCUMULATION	INTEGER	The distribution of the HS-PDSCH code utilization, as the number of HS-PDSCH codes used by the scheduler.	ME_NodeBFunction_HsDschResources.pmUsedHsPdschCodes_11	Sum	

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			er.			
pmUsedHsPdsc hCodes_12	ACCUMULATION	INTEGER	The distribution of the HS-PDSCH code utilization, as the number of HS-PDSCH codes used by the scheduler.	ME_NodeBFunction_HsDschResources.pmUsedHsPdscCodes_12	Sum	
pmUsedHsPdsc hCodes_13	ACCUMULATION	INTEGER	The distribution of the HS-PDSCH code utilization, as the number of HS-PDSCH codes used by the scheduler.	ME_NodeBFunction_HsDschResources.pmUsedHsPdscCodes_13	Sum	
pmUsedHsPdsc hCodes_14	ACCUMULATION	INTEGER	The distribution of the HS-PDSCH code utilization, as the	ME_NodeBFunction_HsDschResources.pmUsedHsPdscCodes_14	Sum	

			number of HS-PDSCH codes used by the scheduler.			
pmUsedHsPdscHCodes_15	ACCUMULATION	INTEGER	The distribution of the HS-PDSCH code utilization, as the number of HS-PDSCH codes used by the scheduler.	ME_NodeBFunction_HsDschResources.pmUsedHsPdschCodes_15	Sum	
pmUsedHsPdscHCodes_1	ACCUMULATION	INTEGER	The distribution of the HS-PDSCH code utilization, as the number of HS-PDSCH codes used by the	ME_NodeBFunction_HsDschResources.pmUsedHsPdschCodes_1	Sum	

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			schedul er.			
pmUsedHsPdsc hCodes_2	ACCUMUL ATION	INTE GER	The distribu tion of the HS- PDSCH code utilizati on, as the number of HS- PDSCH codes used by the schedul er.	ME_NodeBFunction_HsDsch Resources.pmUsedHsPdschC odes_2	Sum	
pmUsedHsPdsc hCodes_3	ACCUMUL ATION	INTE GER	The distribu tion of the HS- PDSCH code utilizati on, as the number of HS- PDSCH codes used by the schedul er.	ME_NodeBFunction_HsDsch Resources.pmUsedHsPdschC odes_3	Sum	
pmUsedHsPdsc hCodes_4	ACCUMUL ATION	INTE GER	The distribu tion of the HS- PDSCH code utilizati on, as	ME_NodeBFunction_HsDsch Resources.pmUsedHsPdschC odes_4	Sum	

			the number of HS-PDSCH codes used by the scheduler.			
pmUsedHsPdscHCodes_5	ACCUMULATION	INTEGER	The distribution of the HS-PDSCH code utilization, as the number of HS-PDSCH codes used by the scheduler.	ME_NodeBFunction_HsDschResources.pmUsedHsPdscCodes_5	Sum	
pmUsedHsPdscHCodes_6	ACCUMULATION	INTEGER	The distribution of the HS-PDSCH code utilization, as the number of HS-PDSCH codes used by	ME_NodeBFunction_HsDschResources.pmUsedHsPdscCodes_6	Sum	

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			the scheduler.			
pmUsedHsPdschCodes_7	ACCUMULATION	INTEGER	The distribution of the HS-PDSCH code utilization, as the number of HS-PDSCH codes used by the scheduler.	ME_NodeBFunction_HsDschResources.pmUsedHsPdschCodes_7	Sum	
pmUsedHsPdschCodes_8	ACCUMULATION	INTEGER	The distribution of the HS-PDSCH code utilization, as the number of HS-PDSCH codes used by the scheduler.	ME_NodeBFunction_HsDschResources.pmUsedHsPdschCodes_8	Sum	
pmUsedHsPdschCodes_9	ACCUMULATION	INTEGER	The distribution of the HS-PDSCH code utilization	ME_NodeBFunction_HsDschResources.pmUsedHsPdschCodes_9	Sum	

			on, as the number of HS-PDSCH codes used by the scheduler.		
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7.12.54CDMA_Channel.Ericsson.UMTS.PDF_pmUsedTbs16Qam

pmUsedTbs16Qam PDF counters

KPI	Type	Data Type	Description	Derivation	Default Aggregator	Other Aggregators
pmUsedTbs16Qam_0	ACCUMULATION	INTEGER	Number of used transport block size (TBS) with 16QAM. A transport block is a HARQ data block (MAC-hs PDU). The number of HARQ transmissions and retransmissions on the MAC-	ME_NodeBFunction_HsDschResources.pmUsedTbs16Qam_0	Sum	

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			hs layer are counted.		
pmUsedTbs16 Qam_10	ACCUMULATION	INTEGER	Number of used transport block size (TBS) with 16QAM. A transport block is a HARQ data block (MAC-hs PDU). The number of HARQ transmissions and retransmissions on the MAC-hs layer are counted.	ME_NodeBFunction_HsDs chResources.pmUsedTbs16 Qam_10	Sum
pmUsedTbs16 Qam_11	ACCUMULATION	INTEGER	Number of used transport block size (TBS) with 16QAM. A transport block is a HARQ data block (MAC-hs PDU). The number of HARQ	ME_NodeBFunction_HsDs chResources.pmUsedTbs16 Qam_11	Sum

			transmissions and retransmissions on the MAC-hs layer are counted.			
pmUsedTbs16Qam_12	ACCUMULATION	INTEGER	Number of used transport block size (TBS) with 16QAM. A transport block is a HARQ data block (MAC-hs PDU). The number of HARQ transmissions and retransmissions on the MAC-hs layer are counted.	ME_NodeBFunction_HsDschResources.pmUsedTbs16Qam_12	Sum	
pmUsedTbs16Qam_13	ACCUMULATION	INTEGER	Number of used transport block size (TBS) with 16QAM.	ME_NodeBFunction_HsDschResources.pmUsedTbs16Qam_13	Sum	

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			<p>A transport block is a HARQ data block (MAC-hs PDU). The number of HARQ transmissions and retransmissions on the MAC-hs layer are counted.</p>			
pmUsedTbs16Qam_14	ACCUMULATION	INTEGER	<p>Number of used transport block size (TBS) with 16QAM. A transport block is a HARQ data block (MAC-hs PDU). The number of HARQ transmissions and retransmissions on the MAC-hs layer are counted.</p>	ME_NodeBFunction_HsDschResources.pmUsedTbs16Qam_14	Sum	
pmUsedTbs16Qam_15	ACCUMULATION	INTEGER	Number of used	ME_NodeBFunction_HsDschResources.pmUsedTbs16	Sum	

			transport block size (TBS) with 16QAM. A transport block is a HARQ data block (MAC-hs PDU). The number of HARQ transmissions and retransmissions on the MAC-hs layer are counted.	Qam_15		
pmUsedTbs16 Qam_16	ACCUMULATION	INTEGER	Number of used transport block size (TBS) with 16QAM. A transport block is a HARQ data block (MAC-hs PDU). The number of HARQ	ME_NodeBFunction_HsDschResources.pmUsedTbs16 Qam_16	Sum	

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			transmissions and retransmissions on the MAC-hs layer are counted.		
pmUsedTbs16Qam_17	ACCUMULATION	INTEGER	Number of used transport block size (TBS) with 16QAM. A transport block is a HARQ data block (MAC-hs PDU). The number of HARQ transmissions and retransmissions on the MAC-hs layer are counted.	ME_NodeBFunction_HsDsChResources.pmUsedTbs16Qam_17	Sum
pmUsedTbs16Qam_18	ACCUMULATION	INTEGER	Number of used transport block size (TBS) with 16QAM. A transport block is a HARQ data block	ME_NodeBFunction_HsDsChResources.pmUsedTbs16Qam_18	Sum

			(MAC-hs PDU). The number of HARQ transmissions and retransmissions on the MAC-hs layer are counted.		
pmUsedTbs16 Qam_19	ACCUMULATION	INTEGER	Number of used transport block size (TBS) with 16QAM. A transport block is a HARQ data block (MAC-hs PDU). The number of HARQ transmissions and retransmissions on the MAC-hs layer are counted.	ME_NodeBFunction_HsDschResources.pmUsedTbs16 Qam_19	Sum
pmUsedTbs16 Qam_1	ACCUMULATION	INTEGER	Number of used	ME_NodeBFunction_HsDschResources.pmUsedTbs16	Sum

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			<p>transport block size (TBS) with 16QAM. A transport block is a HARQ data block (MAC-hs PDU). The number of HARQ transmissions and retransmissions on the MAC-hs layer are counted.</p>	Qam_1		
pmUsedTbs16Qam_20	ACCUMULATION	INTEGER	<p>Number of used transport block size (TBS) with 16QAM. A transport block is a HARQ data block (MAC-hs PDU). The number of HARQ transmissions and retransmissions on the MAC-</p>	ME_NodeBFunction_HsDschResources.pmUsedTbs16Qam_20	Sum	

			hs layer are counted.		
pmUsedTbs16Qam_21	ACCUMULATION	INTEGER	Number of used transport block size (TBS) with 16QAM. A transport block is a HARQ data block (MAC-hs PDU). The number of HARQ transmissions and retransmissions on the MAC-hs layer are counted.	ME_NodeBFunction_HsDsChResources.pmUsedTbs16Qam_21	Sum
pmUsedTbs16Qam_22	ACCUMULATION	INTEGER	Number of used transport block size (TBS) with 16QAM. A transport block is a HARQ data block	ME_NodeBFunction_HsDsChResources.pmUsedTbs16Qam_22	Sum

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			(MAC-hs PDU). The number of HARQ transmissions and retransmissions on the MAC-hs layer are counted.		
pmUsedTbs16 Qam_23	ACCUMULATION	INTEGER	Number of used transport block size (TBS) with 16QAM. A transport block is a HARQ data block (MAC-hs PDU). The number of HARQ transmissions and retransmissions on the MAC-hs layer are counted.	ME_NodeBFunction_HsDs chResources.pmUsedTbs16 Qam_23	Sum
pmUsedTbs16 Qam_24	ACCUMULATION	INTEGER	Number of used transport block size (TBS) with 16QAM.	ME_NodeBFunction_HsDs chResources.pmUsedTbs16 Qam_24	Sum

			<p>A transport block is a HARQ data block (MAC-hs PDU). The number of HARQ transmissions and retransmissions on the MAC-hs layer are counted.</p>			
pmUsedTbs16Qam_25	ACCUMULATION	INTEGER	<p>Number of used transport block size (TBS) with 16QAM. A transport block is a HARQ data block (MAC-hs PDU). The number of HARQ transmissions and retransmissions on the MAC-</p>	ME_NodeBFunction_HsDschResources.pmUsedTbs16Qam_25	Sum	

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			hs layer are counted.		
pmUsedTbs16 Qam_26	ACCUMULATION	INTEGER	Number of used transport block size (TBS) with 16QAM. A transport block is a HARQ data block (MAC-hs PDU). The number of HARQ transmissions and retransmissions on the MAC-hs layer are counted.	ME_NodeBFunction_HsDs chResources.pmUsedTbs16 Qam_26	Sum
pmUsedTbs16 Qam_27	ACCUMULATION	INTEGER	Number of used transport block size (TBS) with 16QAM. A transport block is a HARQ data block (MAC-hs PDU). The number of HARQ	ME_NodeBFunction_HsDs chResources.pmUsedTbs16 Qam_27	Sum

			transmissions and retransmissions on the MAC-hs layer are counted.			
pmUsedTbs16Qam_28	ACCUMULATION	INTEGER	Number of used transport block size (TBS) with 16QAM. A transport block is a HARQ data block (MAC-hs PDU). The number of HARQ transmissions and retransmissions on the MAC-hs layer are counted.	ME_NodeBFunction_HsDschResources.pmUsedTbs16Qam_28	Sum	
pmUsedTbs16Qam_29	ACCUMULATION	INTEGER	Number of used transport block size (TBS) with 16QAM.	ME_NodeBFunction_HsDschResources.pmUsedTbs16Qam_29	Sum	

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			<p>A transport block is a HARQ data block (MAC-hs PDU). The number of HARQ transmissions and retransmissions on the MAC-hs layer are counted.</p>			
pmUsedTbs16Qam_2	ACCUMULATION	INTEGER	<p>Number of used transport block size (TBS) with 16QAM. A transport block is a HARQ data block (MAC-hs PDU). The number of HARQ transmissions and retransmissions on the MAC-hs layer are counted.</p>	ME_NodeBFunction_HsDschResources.pmUsedTbs16Qam_2	Sum	
pmUsedTbs16Qam_3	ACCUMULATION	INTEGER	Number of used	ME_NodeBFunction_HsDschResources.pmUsedTbs16	Sum	

			<p>transport block size (TBS) with 16QAM. A transport block is a HARQ data block (MAC-hs PDU). The number of HARQ transmissions and retransmissions on the MAC-hs layer are counted.</p>	Qam_3		
pmUsedTbs16Qam_4	ACCUMULATION	INTEGER	<p>Number of used transport block size (TBS) with 16QAM. A transport block is a HARQ data block (MAC-hs PDU). The number of HARQ</p>	ME_NodeBFunction_HsDschResources.pmUsedTbs16Qam_4	Sum	

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			transmissions and retransmissions on the MAC-hs layer are counted.		
pmUsedTbs16Qam_5	ACCUMULATION	INTEGER	Number of used transport block size (TBS) with 16QAM. A transport block is a HARQ data block (MAC-hs PDU). The number of HARQ transmissions and retransmissions on the MAC-hs layer are counted.	ME_NodeBFunction_HsDsChResources.pmUsedTbs16Qam_5	Sum
pmUsedTbs16Qam_6	ACCUMULATION	INTEGER	Number of used transport block size (TBS) with 16QAM. A transport block is a HARQ data block	ME_NodeBFunction_HsDsChResources.pmUsedTbs16Qam_6	Sum

			(MAC-hs PDU). The number of HARQ transmissions and retransmissions on the MAC-hs layer are counted.		
pmUsedTbs16 Qam_7	ACCUMULATION	INTEGER	Number of used transport block size (TBS) with 16QAM. A transport block is a HARQ data block (MAC-hs PDU). The number of HARQ transmissions and retransmissions on the MAC-hs layer are counted.	ME_NodeBFunction_HsDschResources.pmUsedTbs16 Qam_7	Sum
pmUsedTbs16 Qam_8	ACCUMULATION	INTEGER	Number of used	ME_NodeBFunction_HsDschResources.pmUsedTbs16	Sum

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			<p>transport block size (TBS) with 16QAM. A transport block is a HARQ data block (MAC-hs PDU). The number of HARQ transmissions and retransmissions on the MAC-hs layer are counted.</p>	Qam_8		
pmUsedTbs16Qam_9	ACCUMULATION	INTEGER	<p>Number of used transport block size (TBS) with 16QAM. A transport block is a HARQ data block (MAC-hs PDU). The number of HARQ transmissions and retransmissions on the MAC-</p>	ME_NodeBFunction_HsDschResources.pmUsedTbs16Qam_9	Sum	

			hs layer are counted.		
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7.12.55CDMA_Channel.Ericsson.UMTS.PDF_pmUsedTbs64Qam

pmUsedTbs64Qam PDF counters

KPI	Type	Data Type	Description	Derivation	Default Aggregator	Other Aggregators
pmUsedTbs64Qam_0	ACCUMULATION	INTEGER	Counting the number of used transport block size (TBS) with 64QAM. The number of successful HARQ transmissions are counted on the MAC-hs layer.	ME_NodeBFunction_HsDschResources.pmUsedTbs64Qam_0	Sum	
pmUsedTbs64Qam_10	ACCUMULATION	INTEGER	Counting the number of used transport block size (TBS) with	ME_NodeBFunction_HsDschResources.pmUsedTbs64Qam_10	Sum	

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			64QAM. The number of successful HARQ transmissions are counted on the MAC-hs layer.		
pmUsedTbs64Qam_11	ACCUMULATION	INTEGER	Counting the number of used transport block size (TBS) with 64QAM. The number of successful HARQ transmissions are counted on the MAC-hs layer.	ME_NodeBFunction_HsDschResources.pmUsedTbs64Qam_11	Sum
pmUsedTbs64Qam_12	ACCUMULATION	INTEGER	Counting the number of used transport block size (TBS) with 64QAM. The number of successful	ME_NodeBFunction_HsDschResources.pmUsedTbs64Qam_12	Sum

			1 HARQ transmissions are counted on the MAC-hs layer.		
pmUsedTbs64Qam_13	ACCUMULATION	INTEGER	Counting the number of used transport block size (TBS) with 64QAM. The number of successful HARQ transmissions are counted on the MAC-hs layer.	ME_NodeBFunction_HsDschResources.pmUsedTbs64Qam_13	Sum
pmUsedTbs64Qam_14	ACCUMULATION	INTEGER	Counting the number of used transport block size (TBS) with 64QAM. The number of successful	ME_NodeBFunction_HsDschResources.pmUsedTbs64Qam_14	Sum

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			1 HARQ transmissions are counted on the MAC-hs layer.		
pmUsedTbs64Qam_15	ACCUMULATION	INTEGER	Counting the number of used transport block size (TBS) with 64QAM. The number of successful HARQ transmissions are counted on the MAC-hs layer.	ME_NodeBFunction_HsDschResources.pmUsedTbs64Qam_15	Sum
pmUsedTbs64Qam_16	ACCUMULATION	INTEGER	Counting the number of used transport block size (TBS) with 64QAM. The number of successful HARQ transmissions are counted on the	ME_NodeBFunction_HsDschResources.pmUsedTbs64Qam_16	Sum

			MAC-hs layer.		
pmUsedTbs64Qam_17	ACCUMULATION	INTEGER	Counting the number of used transport block size (TBS) with 64QAM. The number of successful HARQ transmissions are counted on the MAC-hs layer.	ME_NodeBFunction_HsDschResources.pmUsedTbs64Qam_17	Sum
pmUsedTbs64Qam_18	ACCUMULATION	INTEGER	Counting the number of used transport block size (TBS) with 64QAM. The number of successful HARQ transmissions are counted on the	ME_NodeBFunction_HsDschResources.pmUsedTbs64Qam_18	Sum

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			MAC-hs layer.		
pmUsedTbs64 Qam_19	ACCUMULATION	INTEGER	Counting the number of used transport block size (TBS) with 64QAM. The number of successful HARQ transmissions are counted on the MAC-hs layer.	ME_NodeBFunction_HsDschResources.pmUsedTbs64 Qam_19	Sum
pmUsedTbs64 Qam_1	ACCUMULATION	INTEGER	Counting the number of used transport block size (TBS) with 64QAM. The number of successful HARQ transmissions are counted on the MAC-hs layer.	ME_NodeBFunction_HsDschResources.pmUsedTbs64 Qam_1	Sum
pmUsedTbs64 Qam_20	ACCUMULATION	INTEGER	Counting the	ME_NodeBFunction_HsDschResources.pmUsedTbs64	Sum

			number of used transport block size (TBS) with 64QAM. The number of successful HARQ transmissions are counted on the MAC-hs layer.	Qam_20		
pmUsedTbs64 Qam_21	ACCUMULATION	INTEGER	Counting the number of used transport block size (TBS) with 64QAM. The number of successful HARQ transmissions are counted on the MAC-hs layer.	ME_NodeBFunction_HsDschResources.pmUsedTbs64 Qam_21	Sum	
pmUsedTbs64 Qam_22	ACCUMULATION	INTEGER	Counting the	ME_NodeBFunction_HsDschResources.pmUsedTbs64	Sum	

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			number of used transport block size (TBS) with 64QAM. The number of successful HARQ transmissions are counted on the MAC-hs layer.	Qam_22		
pmUsedTbs64 Qam_23	ACCUMULATION	INTEGER	Counting the number of used transport block size (TBS) with 64QAM. The number of successful HARQ transmissions are counted on the MAC-hs layer.	ME_NodeBFunction_HsDschResources.pmUsedTbs64 Qam_23	Sum	
pmUsedTbs64 Qam_24	ACCUMULATION	INTEGER	Counting the number of used transport block size (TBS)	ME_NodeBFunction_HsDschResources.pmUsedTbs64 Qam_24	Sum	

			with 64QAM. The number of successful HARQ transmissions are counted on the MAC-hs layer.		
pmUsedTbs64Qam_25	ACCUMULATION	INTEGER	Counting the number of used transport block size (TBS) with 64QAM. The number of successful HARQ transmissions are counted on the MAC-hs layer.	ME_NodeBFunction_HsDschResources.pmUsedTbs64Qam_25	Sum
pmUsedTbs64Qam_26	ACCUMULATION	INTEGER	Counting the number of used transport block size (TBS)	ME_NodeBFunction_HsDschResources.pmUsedTbs64Qam_26	Sum

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			with 64QAM. The number of successful HARQ transmissions are counted on the MAC-hs layer.		
pmUsedTbs64Qam_27	ACCUMULATION	INTEGER	Counting the number of used transport block size (TBS) with 64QAM. The number of successful HARQ transmissions are counted on the MAC-hs layer.	ME_NodeBFunction_HsDschResources.pmUsedTbs64Qam_27	Sum
pmUsedTbs64Qam_28	ACCUMULATION	INTEGER	Counting the number of used transport block size (TBS) with 64QAM. The number of	ME_NodeBFunction_HsDschResources.pmUsedTbs64Qam_28	Sum

			successful HARQ transmissions are counted on the MAC-hs layer.		
pmUsedTbs64Qam_29	ACCUMULATION	INTEGER	Counting the number of used transport block size (TBS) with 64QAM. The number of successful HARQ transmissions are counted on the MAC-hs layer.	ME_NodeBFunction_HsDsChResources.pmUsedTbs64Qam_29	Sum
pmUsedTbs64Qam_2	ACCUMULATION	INTEGER	Counting the number of used transport block size (TBS) with 64QAM. The number of	ME_NodeBFunction_HsDsChResources.pmUsedTbs64Qam_2	Sum

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			successful HARQ transmissions are counted on the MAC-hs layer.		
pmUsedTbs64Qam_3	ACCUMULATION	INTEGER	Counting the number of used transport block size (TBS) with 64QAM. The number of successful HARQ transmissions are counted on the MAC-hs layer.	ME_NodeBFunction_HsDschResources.pmUsedTbs64Qam_3	Sum
pmUsedTbs64Qam_4	ACCUMULATION	INTEGER	Counting the number of used transport block size (TBS) with 64QAM. The number of successful HARQ transmissions are counted	ME_NodeBFunction_HsDschResources.pmUsedTbs64Qam_4	Sum

			on the MAC-hs layer.			
pmUsedTbs64Qam_5	ACCUMULATION	INTEGER	Counting the number of used transport block size (TBS) with 64QAM. The number of successful HARQ transmissions are counted on the MAC-hs layer.	ME_NodeBFunction_HsDschResources.pmUsedTbs64Qam_5	Sum	
pmUsedTbs64Qam_6	ACCUMULATION	INTEGER	Counting the number of used transport block size (TBS) with 64QAM. The number of successful HARQ transmissions are counted	ME_NodeBFunction_HsDschResources.pmUsedTbs64Qam_6	Sum	

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			on the MAC-hs layer.			
pmUsedTbs64 Qam_7	ACCUMULATION	INTEGER	Counting the number of used transport block size (TBS) with 64QAM. The number of successful HARQ transmissions are counted on the MAC-hs layer.	ME_NodeBFunction_HsDs chResources.pmUsedTbs64 Qam_7	Sum	
pmUsedTbs64 Qam_8	ACCUMULATION	INTEGER	Counting the number of used transport block size (TBS) with 64QAM. The number of successful HARQ transmissions are counted on the MAC-hs layer.	ME_NodeBFunction_HsDs chResources.pmUsedTbs64 Qam_8	Sum	
pmUsedTbs64	ACCUMULATION	INTE	Counting	ME_NodeBFunction_HsDs	Sum	

Qam_9	TION	GER	the number of used transport block size (TBS) with 64QAM. The number of successful HARQ transmissions are counted on the MAC-hs layer.	chResources.pmUsedTbs64Qam_9		
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7.12.56CDMA_Channel.Ericsson.UMTS.PDF_pmUsedTbsQpsk

pmUsedTbsQpsk PDF counters

KPI	Type	Data Type	Description	Derivation	Default Aggregator	Other Aggregators
pmUsedTbsQpsk_0	ACCUMULATION	INTEGER	Number of used transport block size (TBS) with QPSK. A transport block is a HARQ data block (MAC-hs PDU). The number of	ME_NodeBFunction_HsDschResources.pmUsedTbsQpsk_0	Sum	

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			HARQ transmissions and retransmissions on the MAC-hs layer are counted.			
pmUsedTbsQpsk_10	ACCUMULATION	INTEGER	Number of used transport block size (TBS) with QPSK. A transport block is a HARQ data block (MAC-hs PDU). The number of HARQ transmissions and retransmissions on the MAC-hs layer are counted.	ME_NodeBFunction_HsDschResources.pmUsedTbsQpsk_10	Sum	
pmUsedTbsQpsk_11	ACCUMULATION	INTEGER	Number of used transport block size (TBS) with QPSK. A transport block is a HARQ data block (MAC-hs PDU). The number of HARQ transmissions and	ME_NodeBFunction_HsDschResources.pmUsedTbsQpsk_11	Sum	

			retransmissions on the MAC-hs layer are counted.		
pmUsedTbsQpsk_12	ACCUMULATION	INTEGER	Number of used transport block size (TBS) with QPSK. A transport block is a HARQ data block (MAC-hs PDU). The number of HARQ transmissions and retransmissions on the MAC-hs layer are counted.	ME_NodeBFunction_HsDschResources.pmUsedTbsQpsk_12	Sum
pmUsedTbsQpsk_13	ACCUMULATION	INTEGER	Number of used transport block size (TBS) with QPSK. A transport block is a HARQ data block (MAC-hs PDU). The number of HARQ	ME_NodeBFunction_HsDschResources.pmUsedTbsQpsk_13	Sum

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			transmissions and retransmissions on the MAC-hs layer are counted.			
pmUsedTbsQpsk_14	ACCUMULATION	INTEGER	Number of used transport block size (TBS) with QPSK. A transport block is a HARQ data block (MAC-hs PDU). The number of HARQ transmissions and retransmissions on the MAC-hs layer are counted.	ME_NodeBFunction_HsDschResources.pmUsedTbsQpsk_14	Sum	
pmUsedTbsQpsk_15	ACCUMULATION	INTEGER	Number of used transport block size (TBS) with QPSK. A transport block is a HARQ data block (MAC-hs PDU). The number of HARQ transmissions and retransmissions	ME_NodeBFunction_HsDschResources.pmUsedTbsQpsk_15	Sum	

			ons on the MAC-hs layer are counted.			
pmUsedTbsQpsk_16	ACCUMULATION	INTEGER	Number of used transport block size (TBS) with QPSK. A transport block is a HARQ data block (MAC-hs PDU). The number of HARQ transmissions and retransmissions on the MAC-hs layer are counted.	ME_NodeBFunction_HsDschResources.pmUsedTbsQpsk_16	Sum	
pmUsedTbsQpsk_17	ACCUMULATION	INTEGER	Number of used transport block size (TBS) with QPSK. A transport block is a HARQ data block (MAC-hs PDU). The number of HARQ transmissio	ME_NodeBFunction_HsDschResources.pmUsedTbsQpsk_17	Sum	

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			ns and retransmissions on the MAC-hs layer are counted.			
pmUsedTbsQpsk_18	ACCUMULATION	INTEGER	Number of used transport block size (TBS) with QPSK. A transport block is a HARQ data block (MAC-hs PDU). The number of HARQ transmissions and retransmissions on the MAC-hs layer are counted.	ME_NodeBFunction_HsDschResources.pmUsedTbsQpsk_18	Sum	
pmUsedTbsQpsk_19	ACCUMULATION	INTEGER	Number of used transport block size (TBS) with QPSK. A transport block is a HARQ data block (MAC-hs PDU). The number of HARQ transmissions and retransmissions on the	ME_NodeBFunction_HsDschResources.pmUsedTbsQpsk_19	Sum	

			MAC-hs layer are counted.		
pmUsedTbsQpsk_1	ACCUMULATION	INTEGER	Number of used transport block size (TBS) with QPSK. A transport block is a HARQ data block (MAC-hs PDU). The number of HARQ transmissions and retransmissions on the MAC-hs layer are counted.	ME_NodeBFunction_HsDschResources.pmUsedTbsQpsk_1	Sum
pmUsedTbsQpsk_20	ACCUMULATION	INTEGER	Number of used transport block size (TBS) with QPSK. A transport block is a HARQ data block (MAC-hs PDU). The number of HARQ transmissions and	ME_NodeBFunction_HsDschResources.pmUsedTbsQpsk_20	Sum

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			retransmissions on the MAC-hs layer are counted.		
pmUsedTbsQpsk_21	ACCUMULATION	INTEGER	Number of used transport block size (TBS) with QPSK. A transport block is a HARQ data block (MAC-hs PDU). The number of HARQ transmissions and retransmissions on the MAC-hs layer are counted.	ME_NodeBFunction_HsDschResources.pmUsedTbsQpsk_21	Sum
pmUsedTbsQpsk_22	ACCUMULATION	INTEGER	Number of used transport block size (TBS) with QPSK. A transport block is a HARQ data block (MAC-hs PDU). The number of HARQ transmissions and retransmissions on the MAC-hs	ME_NodeBFunction_HsDschResources.pmUsedTbsQpsk_22	Sum

			layer are counted.		
pmUsedTbsQpsk_23	ACCUMULATION	INTEGER	Number of used transport block size (TBS) with QPSK. A transport block is a HARQ data block (MAC-hs PDU). The number of HARQ transmissions and retransmissions on the MAC-hs layer are counted.	ME_NodeBFunction_HsDschResources.pmUsedTbsQpsk_23	Sum
pmUsedTbsQpsk_24	ACCUMULATION	INTEGER	Number of used transport block size (TBS) with QPSK. A transport block is a HARQ data block (MAC-hs PDU). The number of HARQ transmissions and retransmissi	ME_NodeBFunction_HsDschResources.pmUsedTbsQpsk_24	Sum

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			ons on the MAC-hs layer are counted.			
pmUsedTbsQpsk_25	ACCUMULATION	INTEGER	Number of used transport block size (TBS) with QPSK. A transport block is a HARQ data block (MAC-hs PDU). The number of HARQ transmissions and retransmissions on the MAC-hs layer are counted.	ME_NodeBFunction_HsDschResources.pmUsedTbsQpsk_25	Sum	
pmUsedTbsQpsk_26	ACCUMULATION	INTEGER	Number of used transport block size (TBS) with QPSK. A transport block is a HARQ data block (MAC-hs PDU). The number of HARQ transmissions and retransmissions on the MAC-hs layer are	ME_NodeBFunction_HsDschResources.pmUsedTbsQpsk_26	Sum	

			counted.		
pmUsedTbsQpsk_27	ACCUMULATION	INTEGER	Number of used transport block size (TBS) with QPSK. A transport block is a HARQ data block (MAC-hs PDU). The number of HARQ transmissions and retransmissions on the MAC-hs layer are counted.	ME_NodeBFunction_HsDschResources.pmUsedTbsQpsk_27	Sum
pmUsedTbsQpsk_28	ACCUMULATION	INTEGER	Number of used transport block size (TBS) with QPSK. A transport block is a HARQ data block (MAC-hs PDU). The number of HARQ transmissions and retransmissions on the	ME_NodeBFunction_HsDschResources.pmUsedTbsQpsk_28	Sum

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			MAC-hs layer are counted.		
pmUsedTbsQpsk_29	ACCUMULATION	INTEGER	Number of used transport block size (TBS) with QPSK. A transport block is a HARQ data block (MAC-hs PDU). The number of HARQ transmissions and retransmissions on the MAC-hs layer are counted.	ME_NodeBFunction_HsDschResources.pmUsedTbsQpsk_29	Sum
pmUsedTbsQpsk_2	ACCUMULATION	INTEGER	Number of used transport block size (TBS) with QPSK. A transport block is a HARQ data block (MAC-hs PDU). The number of HARQ transmissions and retransmissions on the MAC-hs layer are counted.	ME_NodeBFunction_HsDschResources.pmUsedTbsQpsk_2	Sum

pmUsedTbsQpsk_3	ACCUMULATION	INTEGER	Number of used transport block size (TBS) with QPSK. A transport block is a HARQ data block (MAC-hs PDU). The number of HARQ transmissions and retransmissions on the MAC-hs layer are counted.	ME_NodeBFunction_HsDschResources.pmUsedTbsQpsk_3	Sum	
pmUsedTbsQpsk_4	ACCUMULATION	INTEGER	Number of used transport block size (TBS) with QPSK. A transport block is a HARQ data block (MAC-hs PDU). The number of HARQ transmissions and retransmissions on the MAC-hs	ME_NodeBFunction_HsDschResources.pmUsedTbsQpsk_4	Sum	

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			layer are counted.		
pmUsedTbsQpsk_5	ACCUMULATION	INTEGER	Number of used transport block size (TBS) with QPSK. A transport block is a HARQ data block (MAC-hs PDU). The number of HARQ transmissions and retransmissions on the MAC-hs layer are counted.	ME_NodeBFunction_HsDschResources.pmUsedTbsQpsk_5	Sum
pmUsedTbsQpsk_6	ACCUMULATION	INTEGER	Number of used transport block size (TBS) with QPSK. A transport block is a HARQ data block (MAC-hs PDU). The number of HARQ transmissions and retransmissions on the MAC-hs layer are counted.	ME_NodeBFunction_HsDschResources.pmUsedTbsQpsk_6	Sum

pmUsedTbsQpsk_7	ACCUMULATION	INTEGER	Number of used transport block size (TBS) with QPSK. A transport block is a HARQ data block (MAC-hs PDU). The number of HARQ transmissions and retransmissions on the MAC-hs layer are counted.	ME_NodeBFunction_HsDschResources.pmUsedTbsQpsk_7	Sum	
pmUsedTbsQpsk_8	ACCUMULATION	INTEGER	Number of used transport block size (TBS) with QPSK. A transport block is a HARQ data block (MAC-hs PDU). The number of HARQ transmissions and retransmissions on the MAC-hs	ME_NodeBFunction_HsDschResources.pmUsedTbsQpsk_8	Sum	

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			layer are counted.			
pmUsedTbsQpsk_9	ACCUMULATION	INTEGER	Number of used transport block size (TBS) with QPSK. A transport block is a HARQ data block (MAC-hs PDU). The number of HARQ transmissions and retransmissions on the MAC-hs layer are counted.	ME_NodeBFunction_HsDschResources.pmUsedTbsQpsk_9	Sum	

7.12.57CDMA_Channel.Ericsson.UMTS.PDF_pmWaitingTimeEul

pmWaitingTimeEul PDF counters

KPI	Type	Data Type	Description	Derivation	Default Aggregator	Other Aggregators
pmWaitingTimeEul_0	ACCUMULATION	INTEGER	Counter for the waiting time in ms for an E-DCH user from when a rate increase request is received when the	ME_NodeBFunction_Sector_Carrier_EDchResources.pmWaitingTimeEul_0	Sum	

			scheduled grant = 0 to when a scheduled grant greater than 0 is sent to the UE with an absolute grant.		
pmWaitingTimeEul_10	ACCUMULATION	INTEGER	Counter for the waiting time in ms for an E-DCH user from when a rate increase request is received when the scheduled grant = 0 to when a scheduled grant greater than 0 is sent to the UE with an absolute grant.	ME_NodeBFunction_Sector_Carrier_EDchResources.pmWaitingTimeEul_10	Sum
pmWaitingTimeEul_11	ACCUMULATION	INTEGER	Counter for the waiting	ME_NodeBFunction_Sector_Carrier_EDchResources.pmWaitingTimeEul_11	Sum

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			time in ms for an E-DCH user from when a rate increase request is received when the scheduled grant = 0 to when a scheduled grant greater than 0 is sent to the UE with an absolute grant.		
pmWaitingTimeEul_12	ACCUMULATION	INTEGER	Counter for the waiting time in ms for an E-DCH user from when a rate increase request is received when the scheduled grant = 0 to when a scheduled grant greater than 0 is sent to the UE with an	ME_NodeBFunction_Sector_Carrier_EDchResources.pmWaitingTimeEul_12	Sum

			absolute grant.			
pmWaitingTimeEul_13	ACCUMULATION	INTEGER	Counter for the waiting time in ms for an E-DCH user from when a rate increase request is received when the scheduled grant = 0 to when a scheduled grant greater than 0 is sent to the UE with an absolute grant.	ME_NodeBFunction_Sector_Carrier_EDchResources.pmWaitingTimeEul_13	Sum	
pmWaitingTimeEul_14	ACCUMULATION	INTEGER	Counter for the waiting time in ms for an E-DCH user from when a rate increase request is received when the	ME_NodeBFunction_Sector_Carrier_EDchResources.pmWaitingTimeEul_14	Sum	

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			scheduled grant = 0 to when a scheduled grant greater than 0 is sent to the UE with an absolute grant.		
pmWaitingTimeEul_15	ACCUMULATION	INTEGER	Counter for the waiting time in ms for an E-DCH user from when a rate increase request is received when the scheduled grant = 0 to when a scheduled grant greater than 0 is sent to the UE with an absolute grant.	ME_NodeBFunction_Sector_Carrier_EDchResources.pmWaitingTimeEul_15	Sum
pmWaitingTimeEul_16	ACCUMULATION	INTEGER	Counter for the waiting time in ms for an E-DCH user from when a	ME_NodeBFunction_Sector_Carrier_EDchResources.pmWaitingTimeEul_16	Sum

			rate increase request is received when the scheduled grant = 0 to when a scheduled grant greater than 0 is sent to the UE with an absolute grant.		
pmWaitingTimeEul_17	ACCUMULATION	INTEGER	Counter for the waiting time in ms for an E-DCH user from when a rate increase request is received when the scheduled grant = 0 to when a scheduled grant greater than 0 is sent to the UE with an	ME_NodeBFunction_Sector_Carrier_EDchResources.pmWaitingTimeEul_17	Sum

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			absolute grant.		
pmWaitingTimeEul_18	ACCUMULATION	INTEGER	Counter for the waiting time in ms for an E-DCH user from when a rate increase request is received when the scheduled grant = 0 to when a scheduled grant greater than 0 is sent to the UE with an absolute grant.	ME_NodeBFunction_Sector_Carrier_EDchResources.pmWaitingTimeEul_18	Sum
pmWaitingTimeEul_19	ACCUMULATION	INTEGER	Counter for the waiting time in ms for an E-DCH user from when a rate increase request is received when the scheduled grant = 0 to when a scheduled grant	ME_NodeBFunction_Sector_Carrier_EDchResources.pmWaitingTimeEul_19	Sum

			greater than 0 is sent to the UE with an absolute grant.			
pmWaitingTimeEul_1	ACCUMULATION	INTEGER	Counter for the waiting time in ms for an E-DCH user from when a rate increase request is received when the scheduled grant = 0 to when a scheduled grant greater than 0 is sent to the UE with an absolute grant.	ME_NodeBFunction_Sector_Carrier_EDchResources.pmWaitingTimeEul_1	Sum	
pmWaitingTimeEul_20	ACCUMULATION	INTEGER	Counter for the waiting time in ms for an E-DCH user from when a	ME_NodeBFunction_Sector_Carrier_EDchResources.pmWaitingTimeEul_20	Sum	

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			rate increase request is received when the scheduled grant = 0 to when a scheduled grant greater than 0 is sent to the UE with an absolute grant.		
pmWaitingTimeEul_21	ACCUMULATION	INTEGER	Counter for the waiting time in ms for an E-DCH user from when a rate increase request is received when the scheduled grant = 0 to when a scheduled grant greater than 0 is sent to the UE with an absolute grant.	ME_NodeBFunction_Sector_Carrier_EDchResources.pmWaitingTimeEul_21	Sum
pmWaitingTimeEul_22	ACCUMULATION	INTEGER	Counter for the waiting	ME_NodeBFunction_Sector_Carrier_EDchResources.pmWaitingTimeEul_22	Sum

			time in ms for an E-DCH user from when a rate increase request is received when the scheduled grant = 0 to when a scheduled grant greater than 0 is sent to the UE with an absolute grant.			
pmWaitingTimeEul_23	ACCUMULATION	INTEGER	Counter for the waiting time in ms for an E-DCH user from when a rate increase request is received when the scheduled grant = 0 to when a scheduled grant	ME_NodeBFunction_Sector_Carrier_EDchResources.pmWaitingTimeEul_23	Sum	

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			greater than 0 is sent to the UE with an absolute grant.			
pmWaitingTimeEul_24	ACCUMULATION	INTEGER	Counter for the waiting time in ms for an E-DCH user from when a rate increase request is received when the scheduled grant = 0 to when a scheduled grant greater than 0 is sent to the UE with an absolute grant.	ME_NodeBFunction_Sector_Carrier_EDchResources.pmWaitingTimeEul_24	Sum	
pmWaitingTimeEul_25	ACCUMULATION	INTEGER	Counter for the waiting time in ms for an E-DCH user from when a rate increase request is received when the	ME_NodeBFunction_Sector_Carrier_EDchResources.pmWaitingTimeEul_25	Sum	

			scheduled grant = 0 to when a scheduled grant greater than 0 is sent to the UE with an absolute grant.		
pmWaitingTimeEul_26	ACCUMULATION	INTEGER	Counter for the waiting time in ms for an E-DCH user from when a rate increase request is received when the scheduled grant = 0 to when a scheduled grant greater than 0 is sent to the UE with an absolute grant.	ME_NodeBFunction_Sector_Carrier_EDchResources.pmWaitingTimeEul_26	Sum
pmWaitingTimeEul_27	ACCUMULATION	INTEGER	Counter for the waiting	ME_NodeBFunction_Sector_Carrier_EDchResources.pmWaitingTimeEul_27	Sum

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			time in ms for an E-DCH user from when a rate increase request is received when the scheduled grant = 0 to when a scheduled grant greater than 0 is sent to the UE with an absolute grant.		
pmWaitingTimeEul_28	ACCUMULATION	INTEGER	Counter for the waiting time in ms for an E-DCH user from when a rate increase request is received when the scheduled grant = 0 to when a scheduled grant greater than 0 is sent to the UE with an	ME_NodeBFunction_Sector_Carrier_EDchResources.pmWaitingTimeEul_28	Sum

			absolute grant.			
pmWaitingTimeEul_2	ACCUMULATION	INTEGER	Counter for the waiting time in ms for an E-DCH user from when a rate increase request is received when the scheduled grant = 0 to when a scheduled grant greater than 0 is sent to the UE with an absolute grant.	ME_NodeBFunction_Sector_Carrier_EDchResources.pmWaitingTimeEul_2	Sum	
pmWaitingTimeEul_3	ACCUMULATION	INTEGER	Counter for the waiting time in ms for an E-DCH user from when a rate increase request is received when the	ME_NodeBFunction_Sector_Carrier_EDchResources.pmWaitingTimeEul_3	Sum	

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			scheduled grant = 0 to when a scheduled grant greater than 0 is sent to the UE with an absolute grant.		
pmWaitingTimeEul_4	ACCUMULATION	INTEGER	Counter for the waiting time in ms for an E-DCH user from when a rate increase request is received when the scheduled grant = 0 to when a scheduled grant greater than 0 is sent to the UE with an absolute grant.	ME_NodeBFunction_Sector_Carrier_EDchResources.pmWaitingTimeEul_4	Sum
pmWaitingTimeEul_5	ACCUMULATION	INTEGER	Counter for the waiting time in ms for an E-DCH user from when a	ME_NodeBFunction_Sector_Carrier_EDchResources.pmWaitingTimeEul_5	Sum

			rate increase request is received when the scheduled grant = 0 to when a scheduled grant greater than 0 is sent to the UE with an absolute grant.		
pmWaitingTimeEul_6	ACCUMULATION	INTEGER	Counter for the waiting time in ms for an E-DCH user from when a rate increase request is received when the scheduled grant = 0 to when a scheduled grant greater than 0 is sent to the UE with an	ME_NodeBFunction_Sector_Carrier_EDchResources.pmWaitingTimeEul_6	Sum

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			absolute grant.			
pmWaitingTimeEul_7	ACCUMULATION	INTEGER	Counter for the waiting time in ms for an E-DCH user from when a rate increase request is received when the scheduled grant = 0 to when a scheduled grant greater than 0 is sent to the UE with an absolute grant.	ME_NodeBFunction_Sector_Carrier_EDchResources.pmWaitingTimeEul_7	Sum	
pmWaitingTimeEul_8	ACCUMULATION	INTEGER	Counter for the waiting time in ms for an E-DCH user from when a rate increase request is received when the scheduled grant = 0 to when a scheduled grant	ME_NodeBFunction_Sector_Carrier_EDchResources.pmWaitingTimeEul_8	Sum	

			greater than 0 is sent to the UE with an absolute grant.			
pmWaitingTimeEul_9	ACCUMULATION	INTEGER	Counter for the waiting time in ms for an E-DCH user from when a rate increase request is received when the scheduled grant = 0 to when a scheduled grant greater than 0 is sent to the UE with an absolute grant.	ME_NodeBFunction_Sector_Carrier_EDchResources.pmWaitingTimeEul_9	Sum	

7.12.58CDMA_Channel.Ericsson.UMTS.Signal_to_Inteference_on_RACH

Avg, Min, Max of PRACH PDF statistics.

KPI	Type	Data Type	Description	Derivation	Default Aggregator	Other Aggregators
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pmReceivedPreambleSir_Avg	INTENSITY	FLOAT	The average Signal-to-Interference Ratio (SIR) of all access attempts per GP above the preamble threshold (except false detection) on the RACH	ME_NodeBFunction_Sector_Carrier_Prach.pmReceivedPreambleSir_Avg	Average	Average, ecttbh, enblbh, Maximum, Minimum, Sum
pmReceivedPreambleSir_Max	INTENSITY	FLOAT	The maximum Signal-to-Interference Ratio (SIR) of all access attempts per GP above the preamble threshold (except false detection) on the RACH	ME_NodeBFunction_Sector_Carrier_Prach.pmReceivedPreambleSir_Max	Average	Average, ecttbh, enblbh, Maximum, Minimum, Sum
pmReceivedPreambleSir_Min	INTENSITY	FLOAT	The minimum Signal-to-Interference Ratio (SIR) of all access attempts per GP above the preamble threshold (except false detection) on the RACH	ME_NodeBFunction_Sector_Carrier_Prach.pmReceivedPreambleSir_Min	Average	Average, ecttbh, enblbh, Maximum, Minimum, Sum

7.12.59CDMA_Channel.Ericsson.UMTS.User_Buffer

Statistics of user buffer for scheduling priority

KPI	Type	Data	Description	Derivation	Defa	Other
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		Type			ult Aggregator	Aggregators
pmSumNonEmptyUserBuffersSpi00	ACCUMULATION	INTEGER	Measurements to observe the number of user buffers for scheduling priority class 00 with data in the buffer for each 2 ms subframes. Each counter observes a specific SPI. The different flows are configured ON/OFF using RBS MOM parameter IubDataStreams::schHsFlowControlOnOff.	ME_NodeBFunction_HsDschResources.pmSumNonEmptyUserBuffersSpi00	Sum	ecttbh, enblbh, Sum
pmSumNonEmptyUserBuffersSpi01	ACCUMULATION	INTEGER	Measurements to observe the number of user buffers for scheduling priority class 01 with data in the buffer for each 2 ms subframes. Each counter observes a	ME_NodeBFunction_HsDschResources.pmSumNonEmptyUserBuffersSpi01	Sum	ecttbh, enblbh, Sum

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			specific SPI. The different flows are configured ON/OFF using RBS MOM parameter IubDataStreams::schHsFlowControlOnOff.		
pmSumNonEmptyUserBuffersSpi02	ACCUMULATION	INTEGER	Measurements to observe the number of user buffers for scheduling priority class 02 with data in the buffer for each 2 ms subframes. Each counter observes a specific SPI. The different flows are configured ON/OFF using RBS MOM parameter IubDataStreams::schHsFlowControlOnOff.	ME_NodeBFunction_HsDschResources.pmSumNonEmptyUserBuffersSpi02	Sum ecttbh, enlbh, Sum
pmSumNonEmptyUserBuffersSpi03	ACCUMULATION	INTEGER	Measurements to observe the number of user buffers for scheduling priority class 03 with data in the buffer for each 2 ms	ME_NodeBFunction_HsDschResources.pmSumNonEmptyUserBuffersSpi03	Sum ecttbh, enlbh, Sum

			subframes. Each counter observes a specific SPI. The different flows are configured ON/OFF using RBS MOM parameter IubDataStreams::schHsFlowControlOnOff.		
pmSumNonEmptyUserBuffersSpi04	ACCUMULATION	INTEGER	Measurements to observe the number of user buffers for scheduling priority class 04 with data in the buffer for each 2 ms subframes. Each counter observes a specific SPI. The different flows are configured ON/OFF using RBS MOM parameter IubDataStreams::schHsFlowControlOnOff.	ME_NodeBFunction_HsDschResources.pmSumNonEmptyUserBuffersSpi04	Sum ecttbh, enlbh, Sum
pmSumNonEmpty	ACCUM	INT	Measurements	ME_NodeBFunction_HsDsch	Sum ecttbh,

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UserBuffersSpi05	ULATI ON	EGE R	to observe the number of user buffers for scheduling priority class 05 with data in the buffer for each 2 ms subframes. Each counter observes a specific SPI. The different flows are configured ON/OFF using RBS MOM parameter IubDataStreams::schHsFlowControlOnOff.	Resources.pmSumNonEmpty UserBuffersSpi05		enlbh , Sum
pmSumNonEmpty UserBuffersSpi06	ACCUM ULATI ON	INT EGE R	Measurements to observe the number of user buffers for scheduling priority class 06 with data in the buffer for each 2 ms subframes. Each counter observes a specific SPI. The different flows are configured ON/OFF using RBS MOM parameter IubDataStreams::	ME_NodeBFunction_HsDsch Resources.pmSumNonEmpty UserBuffersSpi06	Sum	ectt h , enlbh , Sum

			schHsFlowControlOnOff.		
pmSumNonEmptyUserBuffersSpi07	ACCUMULATION	INTEGER	Measurements to observe the number of user buffers for scheduling priority class 07 with data in the buffer for each 2 ms subframes. Each counter observes a specific SPI. The different flows are configured ON/OFF using RBS MOM parameter IubDataStreams::schHsFlowControlOnOff.	ME_NodeBFunction_HsDschResources.pmSumNonEmptyUserBuffersSpi07	Sum ecttbh, enlbh, Sum
pmSumNonEmptyUserBuffersSpi08	ACCUMULATION	INTEGER	Measurements to observe the number of user buffers for scheduling priority class 08 with data in the buffer for each 2 ms subframes. Each counter observes a specific SPI. The different	ME_NodeBFunction_HsDschResources.pmSumNonEmptyUserBuffersSpi08	Sum ecttbh, enlbh, Sum

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			flows are configured ON/OFF using RBS MOM parameter IubDataStreams::schHsFlowControlOnOff.		
pmSumNonEmptyUserBuffersSpi09	ACCUMULATION	INTEGER	Measurements to observe the number of user buffers for scheduling priority class 09 with data in the buffer for each 2 ms subframes. Each counter observes a specific SPI. The different flows are configured ON/OFF using RBS MOM parameter IubDataStreams::schHsFlowControlOnOff.	ME_NodeBFunction_HsDschResources.pmSumNonEmptyUserBuffersSpi09	Sum ecttbh, enblbh, Sum
pmSumNonEmptyUserBuffersSpi10	ACCUMULATION	INTEGER	Measurements to observe the number of user buffers for scheduling priority class 10 with data in the buffer for each 2 ms subframes. Each counter	ME_NodeBFunction_HsDschResources.pmSumNonEmptyUserBuffersSpi10	Sum ecttbh, enblbh, Sum

			observes a specific SPI. The different flows are configured ON/OFF using RBS MOM parameter IubDataStreams::schHsFlowControlOnOff.		
pmSumNonEmptyUserBuffersSpi11	ACCUMULATION	INTEGER	Measurements to observe the number of user buffers for scheduling priority class 11 with data in the buffer for each 2 ms subframes. Each counter observes a specific SPI. The different flows are configured ON/OFF using RBS MOM parameter IubDataStreams::schHsFlowControlOnOff.	ME_NodeBFunction_HsDschResources.pmSumNonEmptyUserBuffersSpi11	Sum ecttbh, enlbh, Sum
pmSumNonEmptyUserBuffersSpi12	ACCUMULATION	INTEGER	Measurements to observe the number of	ME_NodeBFunction_HsDschResources.pmSumNonEmptyUserBuffersSpi12	Sum ecttbh, enlbh, Sum

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			<p>user buffers for scheduling priority class 12 with data in the buffer for each 2 ms subframes. Each counter observes a specific SPI. The different flows are configured ON/OFF using RBS MOM parameter IubDataStreams::schHsFlowControlOnOff.</p>		
<p>pmSumNonEmptyUserBuffersSpi13</p>	<p>ACCUMULATION</p>	<p>INTEGER</p>	<p>Measurements to observe the number of user buffers for scheduling priority class 13 with data in the buffer for each 2 ms subframes. Each counter observes a specific SPI. The different flows are configured ON/OFF using RBS MOM parameter IubDataStreams::schHsFlowControlOnOff.</p>	<p>ME_NodeBFunction_HsDschResources.pmSumNonEmptyUserBuffersSpi13</p>	<p>Sum ecttbh, enblbh, Sum</p>

pmSumNonEmptyUserBuffersSpi14	ACCUMULATION	INTEGER	Measurements to observe the number of user buffers for scheduling priority class 14 with data in the buffer for each 2 ms subframes. Each counter observes a specific SPI. The different flows are configured ON/OFF using RBS MOM parameter IubDataStreams::schHsFlowControlOnOff.	ME_NodeBFunction_HsDschResources.pmSumNonEmptyUserBuffersSpi14	Sum	ecttbh, enblbh, Sum
pmSumNonEmptyUserBuffersSpi15	ACCUMULATION	INTEGER	Measurements to observe the number of user buffers for scheduling priority class 15 with data in the buffer for each 2 ms subframes. Each counter observes a specific SPI. The different flows are configured	ME_NodeBFunction_HsDschResources.pmSumNonEmptyUserBuffersSpi15	Sum	ecttbh, enblbh, Sum

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			ON/OFF using RBS MOM parameter IubDataStreams::schHsFlowControlOnOff.			
Tot_pmSumNonEmptyUserBuffersSpi	ACCUMULATION	INT8	The total number of user buffers for scheduling priority class 0-15 with data in the buffer for each 2 ms subframes.	{pmSumNonEmptyUserBuffersSpi00} + {pmSumNonEmptyUserBuffersSpi01} + {pmSumNonEmptyUserBuffersSpi02} + {pmSumNonEmptyUserBuffersSpi03} + {pmSumNonEmptyUserBuffersSpi04} + {pmSumNonEmptyUserBuffersSpi05} + {pmSumNonEmptyUserBuffersSpi06} + {pmSumNonEmptyUserBuffersSpi07} + {pmSumNonEmptyUserBuffersSpi08} + {pmSumNonEmptyUserBuffersSpi09} + {pmSumNonEmptyUserBuffersSpi10} + {pmSumNonEmptyUserBuffersSpi11} + {pmSumNonEmptyUserBuffersSpi12} + {pmSumNonEmptyUserBuffersSpi13} + {pmSumNonEmptyUserBuffersSpi14} + {pmSumNonEmptyUserBuffersSpi15}	Sum	ecttbh, enblbh, Sum

7.12.60CDMA_Channel.Ericsson.UMTS.User_Scheduling

Generic counters for user scheduling per priority class

KPI	Type	Data Type	Description	Derivation	Default Aggregator	Other Aggregators
pmSumNoOfUsersSpi00	ACCUMULATION	INTEGER	Generic counters to observe the total number of users for scheduling priority class 00 selected for each 2 ms subframe that is transmitted in the cell. Each counter observes a specific SPI. The different flows are configured ON/OFF using RBS MOM parameter IubDataStreams: : schHsFlowControlOnOff.	ME_NodeBFunction_HsDschResources.pmSumNoOfUsersSpi00	Sum	ecttbh, enblbh, Sum
pmSumNoOfUsersSpi01	ACCUMULATION	INTEGER	Generic counters to observe the total number of users for scheduling priority class 01 selected for each 2 ms subframe that is transmitted in the cell. Each counter observes a specific SPI. The different	ME_NodeBFunction_HsDschResources.pmSumNoOfUsersSpi01	Sum	ecttbh, enblbh, Sum

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			flows are configured ON/OFF using RBS MOM parameter IubDataStreams: : schHsFlowControlOnOff.			
pmSumNoOfUsersSpi02	ACCUMULATION	INTEGER	Generic counters to observe the total number of users for scheduling priority class 02 selected for each 2 ms subframe that is transmitted in the cell. Each counter observes a specific SPI. The different flows are configured ON/OFF using RBS MOM parameter IubDataStreams: : schHsFlowControlOnOff.	ME_NodeBFunction_HsDschResources.pmSumNoOfUsersSpi02	Sum	ecttbh, enblbh, Sum
pmSumNoOfUsersSpi03	ACCUMULATION	INTEGER	Generic counters to observe the total number of users for scheduling priority class 03 selected for each 2 ms subframe that is transmitted in the cell. Each counter observes a specific SPI. The different flows are	ME_NodeBFunction_HsDschResources.pmSumNoOfUsersSpi03	Sum	ecttbh, enblbh, Sum

			configured ON/OFF using RBS MOM parameter IubDataStreams: : schHsFlowControlOnOff.			
pmSumNoOfUsersSpi04	ACCUMULATION	INTEGER	Generic counters to observe the total number of users for scheduling priority class 04 selected for each 2 ms subframe that is transmitted in the cell. Each counter observes a specific SPI. The different flows are configured ON/OFF using RBS MOM parameter IubDataStreams: : schHsFlowControlOnOff.	ME_NodeBFunction_HsDschResources.pmSumNoOfUsersSpi04	Sum	ecttbh, enblbh, Sum
pmSumNoOfUsersSpi05	ACCUMULATION	INTEGER	Generic counters to observe the total number of users for scheduling priority class 05 selected for each 2 ms subframe that is transmitted in the cell. Each	ME_NodeBFunction_HsDschResources.pmSumNoOfUsersSpi05	Sum	ecttbh, enblbh, Sum

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			counter observes a specific SPI. The different flows are configured ON/OFF using RBS MOM parameter IubDataStreams: : schHsFlowControlOnOff.			
pmSumNoOfUsersSpi06	ACCUMULATION	INTEGER	Generic counters to observe the total number of users for scheduling priority class 06 selected for each 2 ms subframe that is transmitted in the cell. Each counter observes a specific SPI. The different flows are configured ON/OFF using RBS MOM parameter IubDataStreams: : schHsFlowControlOnOff.	ME_NodeBFunction_HsDschResources.pmSumNoOfUsersSpi06	Sum	ecttbh, enblbh, Sum
pmSumNoOfUsersSpi07	ACCUMULATION	INTEGER	Generic counters to observe the total number of users for scheduling priority class 07 selected for each 2 ms subframe that is transmitted in the cell. Each counter observes	ME_NodeBFunction_HsDschResources.pmSumNoOfUsersSpi07	Sum	ecttbh, enblbh, Sum

			a specific SPI. The different flows are configured ON/OFF using RBS MOM parameter IubDataStreams: : schHsFlowControlOnOff.			
pmSumNoOfUsersSpi08	ACCUMULATION	INTEGER	Generic counters to observe the total number of users for scheduling priority class 08 selected for each 2 ms subframe that is transmitted in the cell. Each counter observes a specific SPI. The different flows are configured ON/OFF using RBS MOM parameter IubDataStreams: : schHsFlowControlOnOff.	ME_NodeBFunction_HsDschResources.pmSumNoOfUsersSpi08	Sum	ecttbh, enlbh, Sum
pmSumNoOfUsersSpi09	ACCUMULATION	INTEGER	Generic counters to observe the total number of users for scheduling priority class 09 selected for each 2 ms subframe	ME_NodeBFunction_HsDschResources.pmSumNoOfUsersSpi09	Sum	ecttbh, enlbh, Sum

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			that is transmitted in the cell. Each counter observes a specific SPI. The different flows are configured ON/OFF using RBS MOM parameter IubDataStreams: : schHsFlowControlOnOff.			
pmSumNoOfUsersSpi10	ACCUMULATION	INTEGER	Generic counters to observe the total number of users for scheduling priority class 10 selected for each 2 ms subframe that is transmitted in the cell. Each counter observes a specific SPI. The different flows are configured ON/OFF using RBS MOM parameter IubDataStreams: : schHsFlowControlOnOff.	ME_NodeBFunction_HsDschResources.pmSumNoOfUsersSpi10	Sum	ecttbh, enblbh, Sum
pmSumNoOfUsersSpi11	ACCUMULATION	INTEGER	Generic counters to observe the total number of users for scheduling priority class 11 selected for each 2 ms subframe that is	ME_NodeBFunction_HsDschResources.pmSumNoOfUsersSpi11	Sum	ecttbh, enblbh, Sum

			transmitted in the cell. Each counter observes a specific SPI. The different flows are configured ON/OFF using RBS MOM parameter IubDataStreams: : schHsFlowControlOnOff.			
pmSumNoOfUsersSpi12	ACCUMULATION	INTEGER	Generic counters to observe the total number of users for scheduling priority class 12 selected for each 2 ms subframe that is transmitted in the cell. Each counter observes a specific SPI. The different flows are configured ON/OFF using RBS MOM parameter IubDataStreams: : schHsFlowControlOnOff.	ME_NodeBFunction_HsDschResources.pmSumNoOfUsersSpi12	Sum	ecttbh, enblbh, Sum
pmSumNoOfUsersSpi13	ACCUMULATION	INTEGER	Generic counters to observe the total number of users for scheduling	ME_NodeBFunction_HsDschResources.pmSumNoOfUsersSpi13	Sum	ecttbh, enblbh, Sum

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			priority class 13 selected for each 2 ms subframe that is transmitted in the cell. Each counter observes a specific SPI. The different flows are configured ON/OFF using RBS MOM parameter IubDataStreams: : schHsFlowControlOnOff.			
pmSumNoOfUsersSpi14	ACCUMULATION	INTEGER	Generic counters to observe the total number of users for scheduling priority class 14 selected for each 2 ms subframe that is transmitted in the cell. Each counter observes a specific SPI. The different flows are configured ON/OFF using RBS MOM parameter IubDataStreams: : schHsFlowControlOnOff.	ME_NodeBFunction_HsDschResources.pmSumNoOfUsersSpi14	Sum	ecttbh, enlbh, Sum
pmSumNoOfUsersSpi15	ACCUMULATION	INTEGER	Generic counters to observe the total number of users for scheduling priority class 15	ME_NodeBFunction_HsDschResources.pmSumNoOfUsersSpi15	Sum	ecttbh, enlbh, Sum

			selected for each 2 ms subframe that is transmitted in the cell. Each counter observes a specific SPI. The different flows are configured ON/OFF using RBS MOM parameter IubDataStreams: : schHsFlowControlOnOff.			
Tot_pmSumNoOfUsersSpi	ACCUMULATION	INT8	Generic total counters to observe the total number of users for scheduling priority class 0-15 selected for each 2 ms subframe that is transmitted in the cell.	ME_NodeBFunction_HsDschResources.pmSumNoOfUsersSpi00 + pmSumNoOfUsersSpi01 + pmSumNoOfUsersSpi02 + pmSumNoOfUsersSpi03 + pmSumNoOfUsersSpi04 + pmSumNoOfUsersSpi05 + pmSumNoOfUsersSpi06 + pmSumNoOfUsersSpi07 + pmSumNoOfUsersSpi08 + pmSumNoOfUsersSpi09 + pmSumNoOfUsersSpi10 + pmSumNoOfUsersSpi11 + pmSumNoOfUsersSpi12 + pmSumNoOfUsersSpi13 + pmSumNoOfUsersSpi14 + pmSumNoOfUsersSpi15	Sum	ecttbh, enblbh, Sum

7.13 Cell Performance Indicators

This section shows the key performance indicators and other counters for the Cell object, divided into the following sub-sections:

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- [Cell.Ericsson.UMTS.accessibility_and_call_completion](#)
- [Cell.Ericsson.UMTS.admission](#)
- [Cell.Ericsson.UMTS.BMC](#)
- [Cell.Ericsson.UMTS.capacity_management](#)
- [Cell.Ericsson.UMTS.CBS_Messages](#)
- [Cell.Ericsson.UMTS.cell_availability](#)
- [Cell.Ericsson.UMTS.Cell_MBMS_availability](#)
- [Cell.Ericsson.UMTS.cell Updating](#)
- [Cell.Ericsson.UMTS.channel_quality](#)
- [Cell.Ericsson.UMTS.channel_switching](#)
- [Cell.Ericsson.UMTS.code_control](#)
- [Cell.Ericsson.UMTS.compressed_mode](#)
- [Cell.Ericsson.UMTS.congestion](#)
- [Cell.Ericsson.UMTS.Enhanced_Uplink_service_availability](#)
- [Cell.Ericsson.UMTS.Enhanced_Uplink_service_throughput](#)
- [Cell.Ericsson.UMTS.Handover_HSDSCH](#)
- [Cell.Ericsson.UMTS.handover_statistics](#)
- [Cell.Ericsson.UMTS.Hard_Handover_Eul](#)
- [Cell.Ericsson.UMTS.Hard_Handover_HSDSCH](#)
- [Cell.Ericsson.UMTS.HARQ](#)
- [Cell.Ericsson.UMTS.HSDSCH_Overload](#)
- [Cell.Ericsson.UMTS.HSDSCH_RLC_statistics](#)
- [Cell.Ericsson.UMTS.HSDSCH_service_availability](#)
- [Cell.Ericsson.UMTS.HSDSCH_service_throughput](#)
- [Cell.Ericsson.UMTS.Inter_frequency_handover](#)
- [Cell.Ericsson.UMTS.inter_radio_access_technology_cell_change_incoming](#)
- [Cell.Ericsson.UMTS.inter_radio_access_technology_handover_incoming](#)
- [Cell.Ericsson.UMTS.inter_radio_access_technology_handover_outgoing](#)
- [Cell.Ericsson.UMTS.MAC_PDU](#)
- [Cell.Ericsson.UMTS.MBMS_Sessions](#)
- [Cell.Ericsson.UMTS.NAS_signalling](#)
- [Cell.Ericsson.UMTS.paging_counters](#)
- [Cell.Ericsson.UMTS.PDF_pmDchDIRlcUserPacketThp](#)
- [Cell.Ericsson.UMTS.PDF_pmDchUIRlcUserPacketThp](#)
- [Cell.Ericsson.UMTS.PDF_pmEulHarqTransmTti10PsRabs](#)
- [Cell.Ericsson.UMTS.PDF_pmEulHarqTransmTti10Srb](#)
- [Cell.Ericsson.UMTS.PDF_pmEulHarqTransmTti2PsRabs](#)
- [Cell.Ericsson.UMTS.PDF_pmEulHarqTransmTti2Srb](#)
- [Cell.Ericsson.UMTS.PDF_pmEulRlcUserPacketThp](#)
- [Cell.Ericsson.UMTS.PDF_pmHsDIRlcUserPacketThp](#)
- [Cell.Ericsson.UMTS.PDF_pmRes10](#)
- [Cell.Ericsson.UMTS.PDF_pmRes11](#)
- [Cell.Ericsson.UMTS.PDF_pmRes12](#)
- [Cell.Ericsson.UMTS.PDF_pmRes7](#)
- [Cell.Ericsson.UMTS.PDF_pmRes8](#)
- [Cell.Ericsson.UMTS.PDF_pmRes9](#)

- [Cell.Ericsson.UMTS.PDF_pmTotNoRrcConnectUeCapability](#)
- [Cell.Ericsson.UMTS.rab_establishments_and_release](#)
- [Cell.Ericsson.UMTS.reconfig_PS_Int_RABs](#)
- [Cell.Ericsson.UMTS.RES_Measurements_1](#)
- [Cell.Ericsson.UMTS.RES_Measurements_2](#)
- [Cell.Ericsson.UMTS.RES_Measurements_3](#)
- [Cell.Ericsson.UMTS.RES_Measurements_4](#)
- [Cell.Ericsson.UMTS.RES_Measurements_5](#)
- [Cell.Ericsson.UMTS.RES_Measurements_6](#)
- [Cell.Ericsson.UMTS.RLC_Packet_Data](#)
- [Cell.Ericsson.UMTS.rrc_connection_setup_and_release](#)
- [Cell.Ericsson.UMTS.SDU_Timing](#)
- [Cell.Ericsson.UMTS.soft_softer_handover](#)
- [Cell.Ericsson.UMTS.traffic_volume](#)
- [Cell.Ericsson.UMTS.URA_Update](#)

7.13.1 Cell.Ericsson.UMTS.accessibility_and_call_completion

Call accessibility, call completion and call drops statistics, additional KPI group created for reporting.

KPI	Type	Data Type	Description	Derivation	Default Aggregator	Other Aggregators
%_CS_speech_accessibility_1	PERCENTAGE	FLOAT	(Report) Accessibility success rate per UtranCell for speech where directed retry is counted as an access failure.	$100 * \frac{(\{\text{Ericsson.rrc_connection_setup_and_release.pmtotnorrconnectreqcssucc}\} * \{\text{Ericsson.rab_establishments_and_release.pmNoRabEstablishSuccessSpeech}\})}{(\{\text{Ericsson.rrc_connection_setup_and_release.pmtotnorrconnectreqcs}\} * \{\text{Ericsson.rab_establishments_and_release.pmNoRabEstablishAttemptSpeech}\})}$	Average	Average, ecttbh
%_CS_sp	PERCENTAGE	FLOAT	(Report) Accessibility	$100 * (\{\text{Ericsson.rrc_connection_setup_and}$	Average	Average, ecttbh

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speech_accessibility_2			<p>ility success rate per UtranCell for speech where directed retry is not counted as an access failure.</p>	$\frac{\text{release.pmtotnorrconnectreqcssucc}}{\{Ericsson.rab_establishments_and_release.pmNoRabEstablishSuccessSpeech\}} / (\{Ericsson.rrc_connection_setup_and_release.pmtotnorrconnectreqcs\} * (\{Ericsson.rab_establishments_and_release.pmNoRabEstablishAttemptSpeech\} - \{Ericsson.inter_radio_access_technology_handover_outgoing.pmNoDirRetryAtt\}))$		
%_CS_speech_call_completion	INTENSITY	FLOAT	<p>(Report) Call completion success rate per UtranCell for speech.</p>	$\frac{(\{Ericsson.rrc_connection_setup_and_release.pmtotnorrconnectreqcssucc\} / (\{Ericsson.rrc_connection_setup_and_release.pmtotnorrconnectreqcs\}) * (\{Ericsson.rab_establishments_and_release.pmNoRabEstablishSuccessSpeech\} / (\{Ericsson.rab_establishments_and_release.pmNoRabEstablishAttemptSpeech\} - \{Ericsson.inter_radio_access_technology_handover_outgoing.pmNoDirRetryAtt\})) * (1 - ((\{Ericsson.rab_establishments_and_release.pmNoSystemRabReleaseSpeech\} / (\{Ericsson.rab_establishments_and_release.pmNoNormalRabReleaseSpeech\} + \{Ericsson.rab_establishments_and_release.pmNoSystemRabReleaseSpeech\})))) * 100$	Average	Average, ecttbh, Sum, Minimum, Maximum
%_CS_speech_dropped	PERCENTAGE	FLOAT	<p>(Report) Drop rate per UtranCell for speech.</p>	$100 * (\{Ericsson.rab_establishments_and_release.pmNoSystemRabReleaseSpeech\} / (\{Ericsson.rab_establishments_and_release.pmNoNormalRabReleaseSpeech\} + \{Ericsson.rab_establishments_and_rel$	Average	Average, ecttbh

				ease.pmNoSystemRabReleaseSpeech})		
%_CS57_accessibility	PERCENT AGE	FLO AT	(Report) Accessib ility success rate per UtranCel l for CS Streamin g.	100 * ({Ericsson.rrc_connection_setup_and _release.pmtotnorrconnectreqcssucc} * {Ericsson.rab_establishments_and_rel ease.pmNoRabEstablishSuccessCs57})/ ({Ericsson.rrc_connection_setup_and _release.pmtotnorrconnectreqcs} * {Ericsson.rab_establishments_and_rel ease.pmNoRabEstablishAttemptCs57 })	Average	Average, ecttbh
%_CS57_call_completion	INTENSIT Y	FLO AT	(Report) Call completi on success rate per UtranCel l for CS streamin g.	100 * ({Ericsson.rrc_connection_setup_and _release.pmtotnorrconnectreqcssucc} / ({Ericsson.rrc_connection_setup_and _release.pmtotnorrconnectreqcs} * ({Ericsson.rab_establishments_and_re lease.pmNoRabEstablishSuccessCs57 })/ ({Ericsson.rab_establishments_and_re lease.pmNoRabEstablishAttemptCs57 }) * (100 - ({Ericsson.rab_establishments_and_re lease.pmNoSystemRabReleaseCsStre am})/ ({Ericsson.rab_establishments_and_re lease.pmNoNormalRabReleaseCsStre am} + {Ericsson.rab_establishments_and_re lease.pmNoSystemRabReleaseCsStrea m}))/100))))	Average	Average, ecttbh, Sum, Minimu m, Maximu m
%_CS57_dropped	PERCENT AGE	FLO AT	(Report) Drop rate per UtranCel	100 * ({Ericsson.rab_establishments_and_re lease.pmNoSystemRabReleaseCsStre am})/	Average	Average, ecttbh

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			l for CS streamin g.	{Ericsson.rab_establishments_and_release.pmNoNormalRabReleaseCsStream} + {Ericsson.rab_establishments_and_release.pmNoSystemRabReleaseCsStream})		
%_CS64_accessibility	PERCENT AGE	FLOAT	(Report) Accessibility success rate per UtranCell CS 64.	100 * ({Ericsson.rrc_connection_setup_and_release.pmtotnorrconnectreqcssucc} * {Ericsson.rab_establishments_and_release.pmNoRabEstablishSuccessCS64})/ ({Ericsson.rrc_connection_setup_and_release.pmtotnorrconnectreqcs} * {Ericsson.rab_establishments_and_release.pmNoRabEstablishAttemptCS64})	Average	Average, ecttbh
%_CS64_call_completion	INTENSITY	FLOAT	(Report) Call completion success rate per UtranCell for CS64.	100 * ({Ericsson.rrc_connection_setup_and_release.pmtotnorrconnectreqcssucc} / {Ericsson.rrc_connection_setup_and_release.pmtotnorrconnectreqcs}) * ({Ericsson.rab_establishments_and_release.pmNoRabEstablishSuccessCS64})/ {Ericsson.rab_establishments_and_release.pmNoRabEstablishAttemptCS64}) * (1 - ({Ericsson.rab_establishments_and_release.pmNoSystemRabReleaseCs64} / ({Ericsson.rab_establishments_and_release.pmNoNormalRabReleaseCs64} + {Ericsson.rab_establishments_and_release.pmNoSystemRabReleaseCs64})))	Average	Average, Sum, Minimum, Maximum
%_CS64_dropped	PERCENT AGE	FLOAT	(Report) Drop rate per UtranCell for CS64.	100 * {Ericsson.rab_establishments_and_release.pmNoSystemRabReleaseCs64}/ ({Ericsson.rab_establishments_and_release.pmNoNormalRabReleaseCs64} +	Average	Average, ecttbh

				{Ericsson.rab_establishments_and_release.pmNoSystemRabReleaseCs64})		
%_PS_interactive_accessibility	PERCENTAGE	FLOAT	(Report) Accessibility success rate per UtranCell for PS Interactive.	$100 * \frac{({Ericsson.rrc_connection_setup_and_release.pmtotnorrconnectreqpsucc}) * ({Ericsson.rab_establishments_and_release.pmNoRabEstablishSuccessPacketInteractive}) / ({Ericsson.rrc_connection_setup_and_release.pmtotnorrconnectreqps}) * ({Ericsson.rab_establishments_and_release.pmNoRabEstablishAttemptPacketInteractive})}{100}$	Average	Average, ecttbh
%_PS_interactive_call_completion	INTENSITY	FLOAT	(Report) Call completion success rate per UtranCell for PS interactive.	$100 * \frac{({Ericsson.rrc_connection_setup_and_release.pmtotnorrconnectreqpsucc}) / ({Ericsson.rrc_connection_setup_and_release.pmtotnorrconnectreqps}) * ({Ericsson.rab_establishments_and_release.pmNoRabEstablishSuccessPacketInteractive}) / ({Ericsson.rab_establishments_and_release.pmNoRabEstablishAttemptPacketInteractive}) * ((100 - (100 - {Ericsson.accessibility_and_call_completion._ \%_PS_interactive_accessibility})) * (({Ericsson.rab_establishments_and_release.pmNoSystemRabReleasePacket} - {Ericsson.rab_establishments_and_release.pmNoTpSwitchSp64Speech}) - {Ericsson.channel_switching.pmchswitchfachidle})) / ({Ericsson.rab_establishments_and_release.pmNoNormalRabReleasePacket} + {Ericsson.rab_establishments_and_rel$	Average	Average, ecttbh, Sum, Minimum, Maximum

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				ease.pmNoSystemRabReleasePacket}))) /100)		
%_PS_interactive_dropped	INTENSITY	FLOAT	(Report) Drop rate per UtranCell for PS interactive.	(100 - ({Ericsson.accessibility_and_call_completion._%_PS_interactive_accessibility}) * thresholddiv(({Ericsson.rab_establishments_and_release.pmNoSystemRabReleasePacket} - {Ericsson.rab_establishments_and_release.pmNoTpSwitchSp64Speech} - {Ericsson.channel_switching.pmchswitchfachidle}), ({Ericsson.rab_establishments_and_release.pmNoNormalRabReleasePacket} + {Ericsson.rab_establishments_and_release.pmNoSystemRabReleasePacket}),1,0))	Average	Average, ecttbh, Sum, Minimum, Maximum
%_PS_streaming_accessibility	PERCENTAGE	FLOAT	(Report) Accessibility success rate per UtranCell for PS Streaming.	100 * ({Ericsson.rrc_connection_setup_and_release.pmtotnorrconnectreqpsucc} * {Ericsson.rab_establishments_and_release.pmNoRabEstablishSuccessPacketStream}) / ({Ericsson.rrc_connection_setup_and_release.pmtotnorrconnectreqps} * {Ericsson.rab_establishments_and_release.pmNoRabEstablishAttemptPacketStream})	Average	Average, ecttbh
%_PS_streaming_call_completion	INTENSITY	FLOAT	(Report) Call completion success rate per UtranCell for PS streaming.	100 * ({Ericsson.rrc_connection_setup_and_release.pmtotnorrconnectreqpsucc} / {Ericsson.rrc_connection_setup_and_release.pmtotnorrconnectreqps}) * ({Ericsson.rab_establishments_and_release.pmNoRabEstablishSuccessPacketStream} / {Ericsson.rab_establishments_and_release.pmNoRabEstablishAttemptPacketStream}) * (1 - {Ericsson.rab_establishments_and_release	Average	Average, ecttbh, Sum, Minimum, Maximum

				ease.pmNoSystemRabReleasePacketStream} / ({Ericsson.rab_establishments_and_release.pmNoNormalRabReleasePacketStream} + {Ericsson.rab_establishments_and_release.pmNoSystemRabReleasePacketStream}))		
%_PS_streaming_dropped	PERCENTAGE	FLOAT	(Report) Drop rate per UtranCell for PS streaming.	100 * {Ericsson.rab_establishments_and_release.pmNoSystemRabReleasePacketStream} / ({Ericsson.rab_establishments_and_release.pmNoNormalRabReleasePacketStream} + {Ericsson.rab_establishments_and_release.pmNoSystemRabReleasePacketStream}))	Average	Average, ecttbh

7.13.2 Cell.Ericsson.UMTS.admission

Admission request related statistics.

KPI	Type	Data Type	Description	Derivation	Default Aggregator	Other Aggregators
CS_57_64_GoS	PERCENTAGE	FLOAT	(Report) Blocking rate for both CS 64 and 57 calls per UtranCell due to admission	100 * {Ericsson.admission.pmNoOfNonHoReqDeniedCs} / ({Ericsson.rab_establishments_and_release.pmNoRabEstablishAttemptCS64} + {Ericsson.rab_establishments_and_release.pmNoRabEstablishAttemptCs57})	Average	Average, ecttbh

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			based on downlink power, downlink channelization code, downlink Average Speech Equivalent (ASE), and uplink Average Speech Equivalent.		
CS_speech_GoS	PERCENTAGE	FLOAT	(Report) Blocking rate for both CS 64 and 57 calls per UtranCell due to admission based on downlink power, downlink channelization code, downlink	100 * {Ericsson.admission.pmNoOfNonHoReqDeniedSpeech}/ {Ericsson.rab_establishments_and_release.pmNoRabEstablishAttemptSpeech}	Average, ecttbh

			k Average Speech Equivalent (ASE), and uplink Average Speech Equivalent.		
CS_speech_GoS2	INTENSITY	FLOAT	(Report) The blocking rate for speech calls per UtranCell due to admission based on downlink power, downlink channeli- zation code, downlink Average Speech Equivalent (ASE),	100 - (100 * (thresholddiv({Ericsson.rrc_connection_setup_and_release.pmtotnorrrconnectreqcssucc}, {Ericsson.rrc_connection_setup_and_release.pmtotnorrrconnectreqcs},1,0)))	Average, ecttbh, Sum, Minimum, Maximum

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			and uplink Average Speech Equivalent using RRC Connection failure rate to approximate speech blocking rate.		
norabestreqdenied	ACCUMULATION	INT 8	Number of RAB Establishment Requests denied.	{pmnoreqdeniedadm} + {pmnofailedafteradm}	Sum ecttbh, Sum
pmnofailedafteradm	ACCUMULATION	INT 8	Number of RRC establishment requests and RAB establishment requests failed after being admitted, both drifting and nondrifting Ues.	ManagedElement_RncFunction_UtranCell.pmNoFailedAfterAdm	Sum ecttbh, Sum
pmNoNonServingCe	ACCUM	INT	Number	ManagedElement_RncFunction_U	Sum ecttbh,

<p>llReqDeniedEul</p>	<p>ULATIO N</p>	<p>EGE R</p>	<p>of admissi on requests denied when requesti ng the cell as non- servi ng cell because the number of E- DCH users is above the admissi on threshol d.</p>	<p>tranCell.pmNoNonServingCellRe qDeniedEul</p>	<p>Sum</p>
<p>pmNoOfNonHoReq DeniedCs</p>	<p>ACCUM ULATIO N</p>	<p>INT 8</p>	<p>Number of non- handove r admissi on requests denied for RLS carrying CS data or CS streami ng (57.6) per cell.</p>	<p>ManagedElement_RncFunction_U tranCell.pmNoOfNonHoReqDenie dCs</p>	<p>Sum ecttbh, Sum</p>

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pmNoOfNonHoReqDeniedEul	ACCUMULATION	INTEGER	Number of admission requests denied at RAB establishment on E-DCH.	ManagedElement_RncFunction_UtranCell.pmNoOfNonHoReqDeniedEul	Sum	ecttbh, Sum
pmNoOfNonHoReqDeniedHs	ACCUMULATION	INT8	Number of non-handover admission requests denied for RLS carrying HSDPA users in this cell.	ManagedElement_RncFunction_UtranCell.pmNoOfNonHoReqDeniedHs	Sum	ecttbh, Sum
pmNoOfNonHoReqDeniedInteractive	ACCUMULATION	INT8	Number of non-handover admission requests denied for RLS carrying interactive or background services per cell.	ManagedElement_RncFunction_UtranCell.pmNoOfNonHoReqDeniedInteractive	Sum	ecttbh, Sum
pmNoOfNonHoReqDeniedPsStr128	ACCUMULATION	INT8	Number of non-handover	ManagedElement_RncFunction_UtranCell.pmNoOfNonHoReqDeniedPsStr128	Sum	ecttbh, Sum

			admission requests denied for RLS carrying PS streaming 128 in this cell		
pmNoOfNonHoReqDeniedPsStreaming	ACCUMULATION	INT 8	Number of non-handover admission requests denied for RLS carrying PS Streaming services per cell.	ManagedElement_RncFunction_UtranCell.pmNoOfNonHoReqDeniedPsStreaming	Sum ecttbh, Sum
pmNoOfNonHoReqDeniedSpeech	ACCUMULATION	INT 8	Number of non-handover admission requests denied for RLS carrying CS data or CS streaming	ManagedElement_RncFunction_UtranCell.pmNoOfNonHoReqDeniedSpeech	Sum ecttbh, Sum

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			(57.6) per cell.		
pmNoOfReturningEmergencyCalls	ACCUMULATION	INT8	Number of non-handover admission requests denied for RLS carrying speech per cell.	ManagedElement_RncFunction_UtranCell.pmNoOfReturningEmergencyCalls	Sum ecttbh, Sum
pmnoofswdownngadm	ACCUMULATION	INT8	Number of downswitches initiated from admission control for non-guaranteed users served by this RNC.	ManagedElement_RncFunction_UtranCell.pmNoOfSwDownNgAdm	Sum ecttbh, Sum
pmnoreqdeniedadm	ACCUMULATION	INT8	Number of RAB establishment and RRC requests denied due to admission, both drifting and non-	ManagedElement_RncFunction_UtranCell.pmNoReqDeniedAdm	Sum ecttbh, Sum

			drifting Ues.			
pmNoRIDeniedAdm	ACCUM ULATIO N	INT EGE R	Number of Radio Link setup or Radio Link addition requests denied by admissi on control. Trigger ed when an RL Setup Request or RL Additio n Request is denied by Admissi on Control for either Soft and Softer Handov er or Interfre quency Handov	ManagedElement_RncFunction_U tranCell.pmNoRIDeniedAdm	Sum	ectt bh , Sum

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			er. It is incremented in the cell which represents the RL that was denied admission (that is, the congested cell).			
pmNoRrcCsReqDeniedAdm	ACCUMULATION	INTEGER	Number of CS calls denied by admission control. Triggered when an RRC CONNECTION REQUEST with the cause: - Originating Conversational Call-, - Terminating Conversational Call-, or -Emergency	ManagedElement_RncFunction_UtranCell.pmNoRrcCsReqDeniedAdm	Sum	ecttbbh, Sum

			call- is denied by Admissi on Control.			
pmNoRrcPsReqDeniedAdm	ACCUMULATIO N	INTEGE R	Number of PS calls denied by admissi on control. Stepped after denied admissi on after an RRC CONN ECTIO N REQUE ST with any of the cause values - Originat ing Interacti ve Call-, - Termina ting Interacti ve Call-, - Originat	ManagedElement_RncFunction_U tranCell.pmNoRrcPsReqDeniedAdm	Sum	ecttbh, Sum

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			ing Backgro und Call-, - Originat ing Subscri bed Traffic Call- or -Termin ating Backgro und Call- has been received .			
pmNoRrcReqDenied AdmDIChnlCode	ACCUM ULATIO N	INT EGE R	Number of RRC Connect ion Request s denied by admissi on control due to lack of DL Channel isation Codes.	ManagedElement_RncFunction_U tranCell.pmNoRrcReqDeniedAdm DIChnlCode	Sum	ecttbh, Sum
pmNoRrcReqDenied AdmDIHw	ACCUM ULATIO N	INT EGE R	Number of RRC Connect ion Request s denied by admissi on control	ManagedElement_RncFunction_U tranCell.pmNoRrcReqDeniedAdm DIHw	Sum	ecttbh, Sum

			due to lack of DL hardware resources.		
pmNoRrcReqDeniedAdmDIPwr	ACCUMULATION	INTEGER	Number of RRC Connection Requests denied by admission control due to lack of DL Power.	ManagedElement_RncFunction_UtranCell.pmNoRrcReqDeniedAdmDIPwr	Sum ecttbh, Sum
pmNoRrcReqDeniedAdm	ACCUMULATION	INTEGER	Number of RRC requests denied by admission control. Stepped after denied admission after an RRC CONNECTION REQUEST with	ManagedElement_RncFunction_UtranCell.pmNoRrcReqDeniedAdm	Sum ecttbh, Sum

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			any cause value has been received .			
pmNoRrcReqDeniedAdmUIHw	ACCUMULATION	INTEGER	Number of RRC Connection Requests denied by admission control due to lack of UL hardware resources.	ManagedElement_RncFunction_UtranCell.pmNoRrcReqDeniedAdmUIHw	Sum	ecttbh, Sum
pmNoServingCellReqDeniedEul	ACCUMULATION	INTEGER	Number of admission requests denied when requesting the cell as serving cell because the number of E-DCH users is above the admissi	ManagedElement_RncFunction_UtranCell.pmNoServingCellReqDeniedEul	Sum	ecttbh, Sum

			on threshold. Stepped at admission on reject when requesting the cell as serving cell due to the number of E-DCH users is above the admission threshold.			
pmsamplescompmode	ACCUMULATION	INT 8	Number of samples of compressed mode users.	ManagedElement_RncFunction_UtranCell.pmSamplesCompMode	Sum	ecttbh, Sum
pmsumcompmode	ACCUMULATION	INT 8	Total number of compressed mode users,	ManagedElement_RncFunction_UtranCell.pmSumCompMode	Sum	ecttbh, Sum

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			reported per cell.		
PS_interactive_GoS	PERCENTAGE	FLOAT	(Report) Blocking rate for PS interactive calls per UtranCell due to admission based on downlink power, downlink channelization code, downlink Average Speech Equivalent (ASE), and uplink Average Speech Equivalent.	100 * {Ericsson.admission.pmNoOfNonHoReqDeniedInteractive}/ {Ericsson.rab_establishments_and_release.pmNoRabEstablishAttemptPacketInteractive}	Average, ecttbh
PS_streaming_GoS	PERCENTAGE	FLOAT	(Report) Blocking rate for PS streaming calls per UtranCell due to	100 * {Ericsson.admission.pmNoOfNonHoReqDeniedPsStreaming}/ {Ericsson.rab_establishments_and_release.pmNoRabEstablishAttemptPacketStream}	Average, ecttbh

			admission based on downlink power, downlink channelization code, downlink Average Speech Equivalent (ASE), and uplink Average Speech Equivalent.		
--	--	--	--	--	--

7.13.3 Cell.Ericsson.UMTS.BMC

BMC statistics

KPI	Type	Data Type	Description	Derivation	Default Aggregator	Other Aggregators
pmBmcTrafficVolume	ACCUMULATION	INTEGER	Accumulated BMC payload.	ManagedElement_RncFunction_UtranCell.pmBmcTrafficVolume	Sum	ecttbh, Sum

7.13.4 Cell.Ericsson.UMTS.capacity_management

Air-interface Speech Equivalent capacity in cell statistics.

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KPI	Type	Data Type	Description	Derivation	Default Aggregator	Other Aggregators
avgsampasedl	PERCENTAGE	FLOAT	Average ASE DL.	$100 * \frac{\{pmsumofsampasedl\}}{\{pmnoofsampasedl\}}$	Average	Average, ecttbh
avgsampaseul	PERCENTAGE	FLOAT	Average ASE UL.	$100 * \frac{\{pmsumofsampaseul\}}{\{pmnoofsampaseul\}}$	Average	Average, ecttbh
pmnoofsampasedl	ACCUMULATION	INT8	Number of samples of Air interface Speech Equivalents (ASE) DL.	ManagedElement_RncFunction_UtranCell.pmNoOfSampAseDl	Sum	ecttbh, Sum
pmnoofsampaseul	ACCUMULATION	INT8	Number of samples of ASE UL.	ManagedElement_RncFunction_UtranCell.pmNoOfSampAseUl	Sum	ecttbh, Sum
pmsumofsampasedl	ACCUMULATION	INT8	Total ASE DL (sum of all sample values recorded).	ManagedElement_RncFunction_UtranCell.pmSumOfSampAseDl	Sum	ecttbh, Sum
pmsumofsampaseul	ACCUMULATION	INT8	Total ASE UL (sum of all sample values recorded).	ManagedElement_RncFunction_UtranCell.pmSumOfSampAseUl	Sum	ecttbh, Sum

7.13.5 Cell.Ericsson.UMTS.CBS_Messages

CBS Messages statistics

KPI	Type	Data Type	Description	Derivation	Default Aggregator	Other Aggregators
pmNoDiscardedBmcCbsMsgs	ACCUMULATION	INTEGER	Number of discarded	ManagedElement_RncFunction_UtranCell.pmNoDiscardedBmcCbsMsgs	Sum	ecttbh, Sum

			BMC CBS Messages.			
pmNoDiscardedCbsMsgOrders	ACCUMULATION	INTEGER	Number of discarded CBS messages.	ManagedElement_RncFunction_UtranCell.pmNoDiscardedCbsMsgOrders	Sum	ecttbh, Sum

7.13.6 Cell.Ericsson.UMTS.cell_availability

Cell availability statistics.

KPI	Type	Data Type	Description	Derivation	Default Aggregator	Other Aggregators
%_Ave_cell_availability	PERCENTAGE	FLOAT	Length of time in seconds that a cell is available for service.	$100 * \frac{(\{measurement_seconds\} - (\{Ericsson.cell_availability.pmcelldowntimeauto\} + \{Ericsson.cell_availability.pmcelldowntimeman\}))}{\{measurement_seconds\}}$	Average	Average, ecttbh
pmcelldowntimeauto	ACCUMULATION	INT8	The length of time during which a cell is unavailable for service because, due to a fault, the system	ManagedElement_RncFunction_UtranCell.pmCellDowntimeAuto	Sum	ecttbh, Sum

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			has set a cell or channel state to disabled and the cell and/or channel Administration state = unlocked.			
pmcelldowntime	ACCUMULATION	INT8	The length of time during which a cell is unavailable for service because of Administration state being set to manual lock.	ManagedElement_RncFunction_UtranCell.pmCellDowntimeMan	Sum	ecttbh, Sum

7.13.7 Cell.Ericsson.UMTS.Cell_MBMS_availability

MBMS service availability statistics.

KPI	Type	Data Type	Description	Derivation	Default Aggregator	Other Aggregators
%_Ave_Mbmscell_availability	PERCENTAGE	FLOAT	MBMS service availability.	$100 * \frac{(\text{measurement_seconds} - \{\text{pmMbmsDowntimeAuto}\} - \{\text{pmMbmsDowntimeMan}\})}{\{\text{measurement_seconds}\}}$	Average	Average, ecttbh
pmMbmsCellCongestionTime	ACCUMULATION	INTEGER	Congestion time in seconds for MBMS.	ME_RNC_UtranCell_MbmsCch.pmMbmsCellCongestionTime	Sum	ecttbh, Sum
pmMbmsDowntimeAuto	ACCUMULATION	INTEGER	Time in seconds	ME_RNC_UtranCell_MbmsCch.pmMbmsDowntimeA	Sum	ecttbh, Sum

			that the Mbms service in the cell has been unavailable because the system has considered the cell as down, that is, at least one of the MOs MbmsCch, UtranCell, Pch, Rach or Fach has been disabled while all these MOs are also unlocked.	uto		
pmMbmsDowntime Man	ACCUMULATION	INTEGER	Time in seconds that the	ME_RNC_UtranCell_MbmsCch.pmMbmsDowntime Man	Sum	ecttbh, Sum

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			Mbms service in the cell has been unavailable due to operator setting e.g. the operator has locked at least one of the MOs MbmsCch, UtranCell, Pch, Rach or Fach.		
--	--	--	---	--	--

7.13.8 Cell.Ericsson.UMTS.cell Updating

UTRAN cell updating procedure.

KPI	Type	Data Type	Description	Derivation	Default Aggregator	Other Aggregators
%_Cell_Update_Success	PERCENTAGE	FLOAT	Percentage of successful cell relocations to attempted cell relocations.	$100 * \frac{\{pmnocellupdsuccess\}}{\{pmnocellupdattempt\}}$	Average	Average, ecttbh
cmtotnocellupdfailed	ACCUMULATION	INT8	Total number of failed cell updates	$\{pmnocellupdattempt\} - \{pmnocellupdsuccess\}$	Sum	ecttbh, Sum

			(periodic and cell reselection, RNC Cell Update procedure for Cell Reselection or Periodic Cell Update completed successfully .			
pmnocellupdate mpt	ACCUMULATION	INT8	Total number of attempted cell update procedures (periodic and cell reselection, RRC Cell Update message received with Cell Update Cause = Cell Reselection or Periodic Cell Update).	ManagedElement_RncFunction_UtranCell.pmNoCellUpdAttempt	Sum	ecttbh, Sum
pmnocellupdates uccess	ACCUMULATION	INT8	Total number of successful cell updates (periodic and cell reselection,	ManagedElement_RncFunction_UtranCell.pmNoCellUpdSuccess	Sum	ecttbh, Sum

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			RNC Cell Update procedure for Cell Reselection or Periodic Cell Update completed successfully		
--	--	--	---	--	--

7.13.9 Cell.Ericsson.UMTS.channel_quality

Cell channel quality statistics.

KPI	Type	Data Type	Description	Derivation	Default Aggregator	Other Aggregators
Avg_pmUIRssi	INTENSITY	FLOAT	Average RTWP values as received in NBAP Common Measurement Reports. RTWP range: 0-621 (corresponding to -112 ... -50dB).	$(\text{thresholddiv}(\{\text{pmSumUIRssi}\}, \{\text{pmSamplesUIRssi}\}, 0, 0)) * 0.1 - 112$	Average	Average, ecttbh, Maximum, Minimum, Sum
cmavgfaultyrachtransportblocks	PERCENTAGE	FLOAT	Average faulty RACH transport blocks.	$100 * \frac{\{\text{pmfaultytransportblocks}\}}{\{\text{pmtransportblocks}\}}$	Average	Average, ecttbh
cmavgfaultytransportblocksbcul	PERCENTAGE	FLOAT	Average faulty DCH transport	$100 * \frac{\{\text{pmfaultytransportblocksbcul}\}}{\{\text{pmtransportblocksbcul}\}}$	Average	Average, ecttbh

			blocks.			
pmfaultytransportblocksbcui	ACCUMULATION	INT8	Total number of faulty DCH transport blocks.	ManagedElement_RncFunction_UtranCell.pmFaultyTransportBlocksBcUI	Sum	ecttbh, Sum
pmfaultytransportblocks	ACCUMULATION	INT8	Total number of faulty RACH transport blocks.	ManagedElement_RncFunction_UtranCell.pmFaultyTransportBlocks	Sum	ecttbh, Sum
pmfrmnoofdiscardedframes	ACCUMULATION	INT8	Number of discarded data or control frames due to faulty CRC or header field.	ManagedElement_RncFunction_UtranCell.pmFrmNoOfDiscardedFrames	Sum	ecttbh, Sum
pmfrmnoofdiscrachframes	ACCUMULATION	INT8	Number of discarded data or control frames due to faulty CRC or header field, reported per Iub RACH	ManagedElement_RncFunction_UtranCell.pmFrmNoOfDiscRachFrames	Sum	ecttbh, Sum

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			Frame Handling (FH) protocol termination.			
pmNorecRandomAccess	ACCUMULATION	INT8	Number of successfully received frames on the common channel UL (RACH), both connection oriented and connectionless.	ManagedElement_RncFunction_UtranCell.pmNoRecRandomAccess	Sum	ecttbh, Sum
pmSamplesUIRssi	ACCUMULATION	INTEGER	Number of received NBAP Common Measurement Report messages containing valid RTWP value.	ManagedElement_RncFunction_UtranCell.pmSamplesUIRssi	Sum	ecttbh, Sum
pmSumUIRssi	ACCUMULATION	INTEGER	Sum of valid RTWP values as received in NBAP Common	ManagedElement_RncFunction_UtranCell.pmSumUIRssi	Sum	ecttbh, Sum

			Measurement Reports. RTWP range: 0-621 (corresponding to -112 ... -50dB).			
pmtransportblocksbcu	ACCUMULATION	INT8	Total number of DCH transport blocks.	ManagedElement_RncFunction_UtranCell.pmTransportBlocksBcUI	Sum	ecttbh, Sum
pmtransportblocks	ACCUMULATION	INT8	Total number of RACH transport blocks.	ManagedElement_RncFunction_UtranCell.pmTransportBlocks	Sum	ecttbh, Sum

7.13.10Cell.Ericsson.UMTS.channel_switching

Cell RAB channel switching statistics.

KPI	Type	Data Type	Description	Derivation	Default Aggregator	Other Aggregators
%_pmChSwitchSuccFachUra	PERCENTAGE	FLOAT	Percentage of successful channel downswitching attempts from CELL_FACH to URA_PCH.	$100 * \frac{\{pmChSwitchSuccFachUra\}}{\{pmChSwitchAttemptFachUra\}}$	Average	Average, ecttbh

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$\bar{\%_pmChSwitchSuccUraFach}$	PERCENT AGE	FLO AT	Percentage of transitions succeeded from URA_PCH to Cell_FACH.	$100 * \frac{\{pmChSwitchSuccUraFach\}}{\{pmChSwitchAttemptUraFach\}}$	Average	Average, ectt h
$\bar{\%_pmDIUpswitchSuccessHigh}$	PERCENT AGE	FLO AT	Percentage of successful DL up-switches to bit-rates higher than 256 kbps (not including HS) Stepped in each SRNC cell in the active set on reception of an RRC Radio Bearer Reconfiguration Complete message following DL up-switch of an interactive Packet RAB to bit-rates higher than 256 kbps (not including HS).	$100 * \frac{\{pmDIUpswitchSuccessHigh\}}{\{pmDIUpswitchAttemptHigh\}}$	Average	Average, ectt h
$\bar{\%_pmDIUpswitchSuccessHs}$	PERCENT AGE	FLO AT	Percentage of successful DL upswitches to any HS state. The counter is stepped for successful DL upswitch to a RB combination	$100 * \frac{\{pmDIUpswitchSuccessHs\}}{\{pmDIUpswitchAttemptHs\}}$	Average	Average, ectt h

			containing HS. The counter is only incremented in all cells of the active set.			
$\bar{\%_pmDIUpswitchSuccessLow}$	PERCENT AGE	FLO AT	Percentage of successful DL up-switches to bit-rates less than or equal to 64 kbps (not including up-switch to FACH from URA-PCH). Stepped in each SRNC cell in the active set on reception of an RRC Radio Bearer Reconfiguration Complete message following DL up-switch of an interactive Packet RAB to bit-rates less than or equal to 64 kbps (not including up-switch to FACH from URA-PCH).	100 * {pmDIUpswitchSuccessLow}/ {pmDIUpswitchSuccessLow}	Average	Average, ecttbbh

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$\bar{\%_pmDIUpSwitchSuccessMedium}$	PERCENT AGE	FLOAT	Percentage of successful DL up-switches to bit-rates higher than 64 kbps and less than or equal to 256 kbps. Stepped in each SRNC cell in the active set on reception of an RRC Radio Bearer Reconfiguration Complete message following DL up-switch of an interactive Packet RAB to bit-rates higher than 64 kbps and less than or equal to 256 kbps.	$100 * \frac{\{pmDIUpSwitchSuccessMedium\}}{\{pmDIUpSwitchSuccessMedium\}}$	Average	Average, ectt h
$\bar{\%_pmDownSwitchSuccess}$	PERCENT AGE	FLOAT	Percentage of successful channel downswitches (UL or DL). Includes switches between dedicated channels as well as channel type switches (CELL_DCH to CELL_FACH	$100 * \frac{\{pmDownSwitchSuccess\}}{\{pmDownSwitchAttempt\}}$	Average	Average, ectt h

) and downswitch from E-DCH/ HSDPA RB combination on cell level.			
$\bar{\%_pmNoPsStreamHsCcSuccess}$	PERCENT AGE	FLO AT	Percentage successful HS cell change attempts for RAB type streaming PS (HS), counted on the HS- serving cell (if in the SRNC).	$100 * \frac{\{pmNoPsStreamHsCcSuccess\}}{\{pmNoPsStreamHsCcAttempt\}}$	Avera ge	Averag e, ecttbh
$\bar{\%_pmPsStreamHsToDchSuccess}$	PERCENT AGE	FLO AT	Percentage successful reconfiguratio n HS-DSCH to DCH successes for RAB type streaming PS (HS), counted in the best cell (if in the SRNC).	$100 * \frac{\{pmPsStreamHsToDchSuccess\}}{\{pmPsStreamHsToDchAttempt\}}$	Avera ge	Averag e, ecttbh
$\bar{\%_pmUIUpswitchSuccessEul}$	PERCENT AGE	FLO AT	Percentage of successful up-switches, triggered by UI user activity, to a target RB combination E- DCH/HSDPA	$100 * \frac{\{pmUIUpswitchSuccessEul\}}{\{pmUIUpswitchAttemptEul\}}$	Avera ge	Averag e, ecttbh

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			. Stepped for the target cell. Stepped when RRC: RB RECONFIGURATION COMPLETE is received by the RNC.			
$\bar{\%_pmUIUpswitchSuccessHigh}$	PERCENT AGE	FLO AT	Percentage of successful UL upswitches to a RB combination with a Trch with UL rate greater or equals to 256 kbit/s. The counter is only incremented in all cells of the active set.	$100 * \frac{\{pmUIUpswitchSuccessHigh\}}{\{pmUIUpswitchAttemptHigh\}}$	Average	Average, ecttbh
$\bar{\%_pmUIUpswitchSuccessLow}$	PERCENT AGE	FLO AT	Percentage of successful UL upswitches to a RB combination with a Trch with UL rate less or equals to 64 kbit/s (inc. Forward Access Channel (FACH)). The counter is only incremented in all cells of the active set.	$100 * \frac{\{pmUIUpswitchSuccessLow\}}{\{pmUIUpswitchAttemptLow\}}$	Average	Average, ecttbh

<code>%_pmUIUpswitchSuccessMedium</code>	PERCENT AGE	FLOAT	Percentage of successful UL upswitches to a Trch with a maximum rate higher than 64 kbit/s and less than 256 kbit/s. Incremented in all cells of the active set.	$100 * \frac{\text{\{pmUIUpswitchSuccessMedium\}}}{\text{\{pmUIUpswitchAttemptMedium\}}}$	Average	Average, ecttbh
<code>%_pmUpswitchFachHsSuccess</code>	PERCENT AGE	FLOAT	Percentage of successful upswitch from CELL_FACH to a RB combination containing HS. Incremented in all cells of the active set.	$100 * \frac{\text{\{pmUpswitchFachHsSuccess\}}}{\text{\{pmUpswitchFachHsAttempt\}}}$	Average	Average, ecttbh
<code>cmtotchswitches</code>	ACCUMULATION	INT8	-Obsolete in P6- Total Number channel switches between dedicated channels.	$\text{\{pmchswitchfachdch\}} + \text{\{pmchswitchdch64fach\}} + \text{\{pmchswitchdch384fach\}}$	Sum	ecttbh, Sum
<code>pmChSwitchAttemptFachUra</code>	ACCUMULATION	INTEGER	Number of channel downswitching attempts from CELL_FACH	ManagedElement_RncFunction_UtranCell.pmChSwitchAttemptFachUra	Sum	ecttbh, Sum

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			to URA_PCH.			
pmChSwitchAttemptUraFach	ACCUMULATION	INTEGER	Number of transitions attempted from URA_PCH to Cell_FACH	ManagedElement_RncFunction_UtranCell.pmChSwitchAttemptUraFach	Sum	ecttbh, Sum
pmchswitchdch128fach	ACCUMULATION	INT8	-Obsolete in P6- Number of attempted switches from a RAB with 128 Kbps data rate on DCH to common channel (cell_DCH-64/128 and Cell_FACH state), throughput-based attempts.	ManagedElement_RncFunction_UtranCell.pmChSwitchDch128Fach	Sum	ecttbh, Sum
pmchswitchdch384fach	ACCUMULATION	INT8	-Obsolete in P6- Number of attempted switches from one packet data RAB with 384 Kbps data rate on DCH to common channel (cell_DCH-64/384 and Cell_FACH state), throughput-based attempts.	ManagedElement_RncFunction_UtranCell.pmChSwitchDch384Fach	Sum	ecttbh, Sum

pmchswitchdch64fach	ACCUMULATION	INT8	-Obsolete in P6- Number of attempted switches from one packet data RAB with 64 Kbps data rate on DCH to common channel (cell_DCH-64/64 and Cell_FACH state) throughput-based attempts.	ManagedElement_RncFunction_UtranCell.pmChSwitchDch64Fach	Sum	ecttbh, Sum
pmchswitchfachdch	ACCUMULATION	INT8	-Obsolete in P6- Number of attempted switches from Packet Switch-RACH/FACH to Packet Switch-64/64.	ManagedElement_RncFunction_UtranCell.pmChSwitchFachDch	Sum	ecttbh, Sum
pmchswitchfachidle	ACCUMULATION	INT8	Number of attempted switches from common channel to idle (Cell_FACH to idle, connection release).	ManagedElement_RncFunction_UtranCell.pmChSwitchFachIdle	Sum	ecttbh, Sum
pmchswitchp128p384	ACCUMULATION	INT8	-Obsolete in P6- Number	ManagedElement_RncFunction_UtranCell.pmCh	Sum	ecttbh, Sum

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			of attempted switches from a RAB with 128 Kbps data rate on DCH to a RAB with 384 Kbps data rate on DCH, counted after admission and throughput-based attempts.	SwitchP128P384		
pmchswitchp128p64	ACCUMULATION	INT8	-Obsolete in P6- Number of attempted switches from a RAB with 128 Kbps data rate on DCH to a RAB with 64 Kbps data rate on DCH, based on DL code power based measurements.	ManagedElement_RncFunction_UtranCell.pmChSwitchP128P64	Sum	ecttbh, Sum
pmchswitchp384p128	ACCUMULATION	INT8	-Obsolete in P6- Number of attempted switches from a RAB with 384 Kbps data rate on DCH to a RAB with 128 Kbps data rate on DCH, based on DL code	ManagedElement_RncFunction_UtranCell.pmChSwitchP384P128	Sum	ecttbh, Sum

			power based measurements.			
pmchswitchp64p128	ACCUMULATION	INT8	-Obsolete in P6- Number of attempted switches from a RAB with 128 Kbps data rate on DCH to a RAB with 64 Kbps data rate on DCH, based on DL code power based measurements.	ManagedElement_RncFunction_UtranCell.pmChSwitchP64P128	Sum	ecttbh, Sum
pmchswitchsp0sp64	ACCUMULATION	INT8	-Obsolete in P6- Number of multi-RAB attempted switches from a multi-RAB with one speech + one packet RAB with 0 data on DCH to the same RAB type (=multiRAB) at a different packet data rate, that is, one speech + one packet RAB with 64 Kbps data	ManagedElement_RncFunction_UtranCell.pmChSwitchSp0Sp64	Sum	ecttbh, Sum

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			rate on DCH. The switching is done by re-configuring the radio bearers of the existing RAB.			
pmchswitchsp64sp0	ACCUMULATION	INT8	-Obsolete in P6- Number of multi-RAB attempted switches from a multi-RAB with one speech + one packet RAB with 64 Kbps data rate on DCH to the same RAB type (=multiRAB) at a different packet data rate, that is, one speech + one packet RAB with 0 data on DCH. The switching is done by re-configuring the radio bearers of the existing RAB.	ManagedElement_RncFunction_UtranCell.pmChSwitchSp64Sp0	Sum	ecttbh, Sum
pmChSwitchSuccFachUra	ACCUMULATION	INTEGER	Number of successful channel downswitching attempts from	ManagedElement_RncFunction_UtranCell.pmChSwitchSuccFachUra	Sum	ecttbh, Sum

			CELL_FACH to URA_PCH.			
pmChSwitchSuccUraFach	ACCUMULATION	INTEGER	Number of transitions succeeded from URA_PCH to Cell_FACH.	ManagedElement_RncFunction_UtranCell.pmChSwitchSuccUraFach	Sum	ecttbh, Sum
pmDIUpswitchAttemptHigh	ACCUMULATION	INTEGER	Number of attempted DL up-switches to bit-rates higher than 256 kbps (not including HS). Stepped for each SRNC cell in which admission is requested at DL up-switch of interactive Packet RAB to bit-rates higher than 256 kbps (not including HS).	ManagedElement_RncFunction_UtranCell.pmDIUpswitchAttemptHigh	Sum	ecttbh, Sum
pmDIUpswitchAttemptHs	ACCUMULATION	INTEGER	Number of DL upswitch attempts to any HS state. The counter is stepped for DL attempt to upswitch to a RB	ManagedElement_RncFunction_UtranCell.pmDIUpswitchAttemptHs	Sum	ecttbh, Sum

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			combination containing HS. The counter is only incremented in all cells of the active set.			
pmDIUpswitchAttemptLow	ACCUMULATION	INTEGER	Number of attempted DL up-switches to bit-rates less than or equal to 64 kbps (not including up-switch to FACH from URA-PCH). Stepped for each SRNC cell in the active set in which admission is requested at DL up-switch of interactive Packet RABs to bit-rates less than or equal to 64 kbps (not including up-switch to FACH from URA-PCH).	ManagedElement_RncFunction_UtranCell.pmDIUpswitchAttemptLow	Sum	ecttbh, Sum
pmDIUpswitchAttemptMedium	ACCUMULATION	INTEGER	Number of attempted DL up-switches to bit-rates higher than 64 kbps and less than or equal to 256	ManagedElement_RncFunction_UtranCell.pmDIUpswitchAttemptMedium	Sum	ecttbh, Sum

			kbps. Stepped for each SRNC cell in which admission is requested at DL up-switch of interactive Packet RAB to bit-rates higher than 64 kbps and less than or equal to 256 kbps.			
pmDIUpswitchSuccessHigh	ACCUMULATION	INTEGER	Number of successful DL up-switches to bit-rates higher than 256 kbps (not including HS) Stepped in each SRNC cell in the active set on reception of an RRC Radio Bearer Reconfiguration Complete message following DL up-switch of an interactive Packet RAB to bit-rates higher than 256 kbps (not	ManagedElement_RncFunction_UtranCell.pmDIUpswitchSuccessHigh	Sum	ecttbh, Sum

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			including HS).			
pmDIUpswitchSuccessHs	ACCUMULATION	INTEGER	Number of successful DL upswitches to any HS state. The counter is stepped for successful DL upswitch to a RB combination containing HS. The counter is only incremented in all cells of the active set.	ManagedElement_RncFunction_UtranCell.pmDIUpswitchSuccessHs	Sum	ecttbh, Sum
pmDIUpswitchSuccessLow	ACCUMULATION	INTEGER	Number of successful DL upswitches to bit-rates less than or equal to 64 kbps (not including up-switch to FACH from URA-PCH). Stepped in each SRNC cell in the active set on reception of an RRC Radio Bearer Reconfiguration Complete message following DL up-switch of an interactive	ManagedElement_RncFunction_UtranCell.pmDIUpswitchSuccessLow	Sum	ecttbh, Sum

			Packet RAB to bit-rates less than or equal to 64 kbps (not including up-switch to FACH from URA-PCH).			
pmDIUpSwitchSuccessMedium	ACCUMULATION	INTEGER	Number of successful DL up-switches to bit-rates higher than 64 kbps and less than or equal to 256 kbps. Stepped in each SRNC cell in the active set on reception of an RRC Radio Bearer Reconfiguration Complete message following DL up-switch of an interactive Packet RAB to bit-rates higher than 64 kbps and less than or equal to 256 kbps.	ManagedElement_RncFunction_UtranCell.pmDIUpSwitchSuccessMedium	Sum	ectt h , Sum
pmDownSwitchAttempt	ACCUMULATION	INTEGER	Number of channel	ManagedElement_RncFunction_UtranCell.pmD	Sum	ectt h , Sum

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			downswitching attempts (UL or DL). Includes switches between dedicated channels as well as channel type switches (CELL_DCH to CELL_FACH) and downswitch from E-DCH/HSDPA RB combination on cell level.	ownSwitchAttempt		
pmDownSwitchSuccess	ACCUMULATION	INTEGER	Number of successful channel downswitches (UL or DL). Includes switches between dedicated channels as well as channel type switches (CELL_DCH to CELL_FACH) and downswitch from E-DCH/HSDPA RB combination on cell level.	ManagedElement_RncFunction_UtranCell.pmDownSwitchSuccess	Sum	ecttbh, Sum
pmfailedchswitch	ACCUMULATION	INT8	-Obsolete in P6- Number of failed	ManagedElement_RncFunction_UtranCell.pmFailedChSwitch	Sum	ecttbh, Sum

			channel switches CELL_FACH to CELL_DCH or CELL_DCH to CELL_FACH .			
pmfaileddchchswitch	ACCUMULATION	INT8	Number of failed channel switches between DCHs.	ManagedElement_RncFunction_UtranCell.pmFailedDchChSwitch	Sum	ectt bh , Sum
pmInactivityHsIdle	ACCUMULATION	INT8	-Obsolete in P5, Utrancell- The number of signaling connection releases triggered for PS Interactive RAB mapped on HS-DSCH due to inactivity.	ManagedElement_RncFunction_UtranCell.pmInactivityHsIdle	Sum	ectt bh , Sum
pmnoofswdownngho	ACCUMULATION	INT8	Number of downswitch requests for non-guaranteed users served by this RNC due to handover.	ManagedElement_RncFunction_UtranCell.pmNoOfSwDownNgHo	Sum	ectt bh , Sum
pmNoPsStreamHsCc Attempt	ACCUMULATION	INTEGER	Number of HS cell	ManagedElement_RncFunction_UtranCell.pmN	Sum	ectt bh , Sum

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			change attempts for RAB type streaming PS (HS), counted on the HS-serving cell (if in the SRNC).	oPsStreamHsCcAttempt		
pmNoPsStreamHsCcSuccess	ACCUMULATION	INTEGER	Number of successful HS cell change attempts for RAB type streaming PS (HS), counted on the HS-serving cell (if in the SRNC).	ManagedElement_RncFunction_UtranCell.pmNoPsStreamHsCcSuccess	Sum	ecttbh, Sum
pmPsStreamHsToDchAttempt	ACCUMULATION	INTEGER	Number of reconfiguration HS-DSCH to DCH attempts for RAB type streaming PS (HS), counted in the best cell (if in the SRNC).	ManagedElement_RncFunction_UtranCell.pmPsStreamHsToDchAttempt	Sum	ecttbh, Sum
pmPsStreamHsToDchSuccess	ACCUMULATION	INTEGER	Number of successful reconfiguration HS-DSCH to DCH successes for RAB type streaming PS (HS), counted in the best cell (if in the SRNC).	ManagedElement_RncFunction_UtranCell.pmPsStreamHsToDchSuccess	Sum	ecttbh, Sum

pmUIUpswitchAttemptEul	ACCUMULATION	INTEGER	Number of attempted up-switches, triggered by UL user activity, to a target RB combination E-DCH/HSDPA. Stepped for the target cell. Stepped when NBAP: RL SETUP REQUEST or RL RECONFIGURATION PREPARE is sent from the RNC.	ManagedElement_RncFunction_UtranCell.pmUIUpswitchAttemptEul	Sum	ectt bh , Sum
pmUIUpswitchAttemptHigh	ACCUMULATION	INTEGER	UL upswitch attempts to a RB combination with a Trch with UL rate greater or equal to 256 kbit/s. The counter is only incremented in all cells of the active set.	ManagedElement_RncFunction_UtranCell.pmUIUpswitchAttemptHigh	Sum	ectt bh , Sum
pmUIUpswitchAttemptLow	ACCUMULATION	INTEGER	Stepped for UL upswitch attempts to a RB	ManagedElement_RncFunction_UtranCell.pmUIUpswitchAttemptLow	Sum	ectt bh , Sum

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			combination with a Trch with UL rate less or equals to 64 kbit/s (inc FACH). The counter is only incremented in all cells of the active set.			
pmUIUpswitchAttemptMedium	ACCUMULATION	INTEGER	Stepped for UL upswitch attempts to a Trch with a maximum rate higher than 64 kbit/s and less than 256 kbit/s. The counter is only incremented in the cells of the active set for which admission is granted.	ManagedElement_RncFunction_UtranCell.pmUIUpswitchAttemptMedium	Sum	ecttbh, Sum
pmUIUpswitchSuccessEul	ACCUMULATION	INTEGER	Successful up-switches, triggered by UL user activity, to a target RB combination E-DCH/HSDPA . Stepped for the target cell. Stepped when RRC: RB RECONFIGURATION COMPLETE	ManagedElement_RncFunction_UtranCell.pmUIUpswitchSuccessEul	Sum	ecttbh, Sum

			is received by the RNC.			
pmUIUpswitchSuccessHigh	ACCUMULATION	INTEGER	Successful UL upswitches to a RB combination with a Trch with UL rate greater or equals to 256 kbit/s. The counter is only incremented in all cells of the active set.	ManagedElement_RncFunction_UtranCell.pmUIUpswitchSuccessHigh	Sum	ecttbh, Sum
pmUIUpswitchSuccessLow	ACCUMULATION	INTEGER	Successful UL upswitches to a RB combination with a Trch with UL rate less or equals to 64 kbit/s (inc. Forward Access Channel (FACH)). The counter is only incremented in all cells of the active set.	ManagedElement_RncFunction_UtranCell.pmUIUpswitchSuccessLow	Sum	ecttbh, Sum
pmUIUpswitchSuccessMedium	ACCUMULATION	INTEGER	Successful UL upswitches to a Trch with a	ManagedElement_RncFunction_UtranCell.pmUIUpswitchSuccessMedium	Sum	ecttbh, Sum

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			maximum rate higher than 64 kbit/s and less than 256 kbit/s. Incremented in all cells of the active set.			
pmUpswitchFachHs Attempt	ACCUMULATION	INTEGER	Attempts to upswitch from CELL_FACH to a RB combination containing HS. Incremented in all cells of the active set.	ManagedElement_RncFunction_UtranCell.pmUpswitchFachHsAttempt	Sum	ecttbh, Sum
pmUpswitchFachHs Success	ACCUMULATION	INTEGER	Successful upswitch from CELL_FACH to a RB combination containing HS. Incremented in all cells of the active set.	ManagedElement_RncFunction_UtranCell.pmUpswitchFachHsSuccess	Sum	ecttbh, Sum

7.13.11 Cell.Ericsson.UMTS.code_control

Spreading Factor type utilisation statistics.

KPI	Type	Data Type	Description	Derivation	Default Aggregator	Other Aggregators
_%_sf128failure	PERCENTAGE	FLOAT	-Obsolete in P5, Utrancell-Percentage of failed	100 * {pmnodlchcodeallocfailuresf128}/ {pmnodlchcodeallocattemptsf128}	Average	Average, ecttbh

			downlink channelization code allocation attempts with spreading factor SF128 for normal.			
_%_sf128success	PERCENT AGE	FLO AT	-Obsolete in P5, Utrancell-Percentage of successful downlink channelization code allocation attempts with spreading factor SF128 for normal.	$100 * (\{pmnodlchcodeallocattemptsf128\} - \{pmnodlchcodeallocfailuresf128\}) / \{pmnodlchcodeallocattemptsf128\}$	Average	Average, ecttbh
_%_sf16failure	PERCENT AGE	FLO AT	-Obsolete in P5, Utrancell-Percentage of failed downlink channelization code allocation attempts with spreading factor SF=16 for	$100 * \{pmnodlchcodeallocfailuresf16\} / \{pmnodlchcodeallocattemptsf16\}$	Average	Average, ecttbh

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			normal.			
_%_sf16success	PERCENT AGE	FLO AT	-Obsolete in P5, Utrancell- Percentage of successful downlink channelizati on code allocation attempts with spreading factor SF=16 for normal.	$100 * (\{\text{pmnodlchcodeallocattemptsf16}\} - \{\text{pmnodlchcodeallocfailuresf16}\}) / \{\text{pmnodlchcodeallocattemptsf16}\}$	Avera ge	Averag e, ecttbh
_%_sf256failure	PERCENT AGE	FLO AT	-Obsolete in P5, Utrancell- Percentage of failed downlink channelizati on code allocation attempts with spreading factor SF=256 for normal.	$100 * \{\text{pmnodlchcodeallocfailuresf256}\} / \{\text{pmnodlchcodeallocattemptsf256}\}$	Avera ge	Averag e, ecttbh
_%_sf256success	PERCENT AGE	FLO AT	-Obsolete in P5, Utrancell- Percentage of successful downlink channelizati on code allocation attempts with	$100 * (\{\text{pmnodlchcodeallocattemptsf256}\} - \{\text{pmnodlchcodeallocfailuresf256}\}) / \{\text{pmnodlchcodeallocattemptsf256}\}$	Avera ge	Averag e, ecttbh

			spreading factor SF=256 for normal.			
_%_sf32failure	PERCENT AGE	FLOAT	-Obsolete in P5, Utrancell-Percentage of failed downlink channelization code allocation attempts with spreading factor SF=32 for normal.	$100 * \frac{\{\text{pmnodlchcodeallocfailuresf32}\}}{\{\text{pmnodlchcodeallocattemptsf32}\}}$	Average	Average, ecttbh
_%_sf32success	PERCENT AGE	FLOAT	-Obsolete in P5, Utrancell-Percentage of successful downlink channelization code allocation attempts with spreading factor SF=32 for normal.	$100 * \frac{(\{\text{pmnodlchcodeallocattemptsf32}\} - \{\text{pmnodlchcodeallocfailuresf32}\})}{\{\text{pmnodlchcodeallocattemptsf32}\}}$	Average	Average, ecttbh
_%_Sf4UI	PERCENT AGE	FLOAT	-Obsolete in P5, Utrancell-Percentage	$100 * \frac{\{\text{pmSumSf4UI}\}}{\{\text{pmSamplesSf4UI}\}}$	Average	Average, ecttbh

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			of radio links that are on Spreading Factor (SF) = 4 (384 kbps) in UL in a cell during a ROP period			
_%_sf64failure	PERCENT AGE	FLO AT	-Obsolete in P5, Utrancell- Percentage of failed downlink channelization code allocation attempts with spreading factor SF=64 for normal.	100 * $\frac{\{\text{pmnodlchcodeallocfailuresf64}\}}{\{\text{pmnodlchcodeallocattemptsf64}\}}$	Average	Average, ecttbh
_%_sf64success	PERCENT AGE	FLO AT	-Obsolete in P5, Utrancell- Percentage of successful downlink channelization code allocation attempts with spreading factor SF=64 for normal.	100 * $\frac{(\{\text{pmnodlchcodeallocattemptsf64}\} - \{\text{pmnodlchcodeallocfailuresf64}\})}{\{\text{pmnodlchcodeallocattemptsf64}\}}$	Average	Average, ecttbh
_%_sf8failure	PERCENT AGE	FLO AT	-Obsolete in P5, Utrancell-	100 * $\frac{\{\text{pmnodlchcodeallocfailuresf8}\}}{\{\text{pmnodlchcodeallocattemptsf8}\}}$	Average	Average, ecttbh

			Percentage of failed downlink channelization code allocation attempts with spreading factor SF=8 for normal.	{pmnodlchcodeallocattemptsf8}		
_%_sf8success	PERCENT AGE	FLO AT	-Obsolete in P5, Utrancell-Percentage of successful downlink channelization code allocation attempts with spreading factor SF=8 for normal.	100 * ({pmnodlchcodeallocattemptsf8} - {pmnodlchcodeallocfailuresf8})/ {pmnodlchcodeallocattemptsf8}	Average	Average, ecttbh
average_sf	PERCENT AGE	FLO AT	-Obsolete in P5, Utrancell-Average Spreading factor.	100 * (8*{pmnodlchcodeallocattemptsf8} + 16*{pmnodlchcodeallocattemptsf16} + 32*{pmnodlchcodeallocattemptsf32} + 64*{pmnodlchcodeallocattemptsf64} + 128*{pmnodlchcodeallocattemptsf128} + 256*{pmnodlchcodeallocattemptsf256})/ {totalattempts}	Average	Average, ecttbh

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cmnodlchcodealloc successsf128	ACCUMU LATION	INT8	-Obsolete in P5, Utrancell- Number of Successful DL channelizati on code allocations for spreading factor SF128 for normal transmission mode.	{pmnodlchcodeallocattempt sf128} - {pmnodlchcodeallocfailures f128}	Sum	ecttbh, Sum
cmnodlchcodealloc successsf16	ACCUMU LATION	INT8	-Obsolete in P5, Utrancell- Number of Successful DL channelizati on code allocations for spreading factor SF=16 for normal transmission mode.	{pmnodlchcodeallocattempt sf16} - {pmnodlchcodeallocfailures f16}	Sum	ecttbh, Sum
cmnodlchcodealloc successsf256	ACCUMU LATION	INT8	-Obsolete in P5, Utrancell- Number of Successful DL channelizati on code allocations for spreading factor SF256 for	{pmnodlchcodeallocattempt sf256} - {pmnodlchcodeallocfailures f256}	Sum	ecttbh, Sum

			normal transmission mode.			
cmnodlchcodealloc successsf32	ACCUMULATION	INT8	-Obsolete in P5, Utrancell-Number of Successful DL channelization on code allocations for spreading factor SF32 for normal transmission mode.	{pmnodlchcodeallocattempt sf32} - {pmnodlchcodeallocfailures f32}	Sum	ectt h , Sum
cmnodlchcodealloc successsf64	ACCUMULATION	INT8	-Obsolete in P5, Utrancell-Number of Successful DL channelization on code allocations for spreading factor SF64 for normal transmission mode.	{pmnodlchcodeallocattempt sf64} - {pmnodlchcodeallocfailures f64}	Sum	ectt h , Sum
cmnodlchcodealloc successsf8	ACCUMULATION	INT8	-Obsolete in P5, Utrancell-Number of Successful DL	{pmnodlchcodeallocattempt sf8} - {pmnodlchcodeallocfailures f8}	Sum	ectt h , Sum

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			channelization code allocations for spreading factor SF=8 for normal transmission mode.			
pmnodlchcodeallocaltcodecm	ACCUMULATION	INT8	Number of attempted allocations with alternative scrambling code for compressed mode.	ManagedElement_RncFunction_UtranCell.pmNoDICHCodeAllocAltCodeCm	Sum	ecttbh, Sum
pmnodlchcodeallocattemptcm	ACCUMULATION	INT8	Number of attempted DL channelization code allocations for compressed mode (within normal or alternative scrambling code).	ManagedElement_RncFunction_UtranCell.pmNoDICHCodeAllocAttemptCm	Sum	ecttbh, Sum
pmnodlchcodeallocattemptsf128	ACCUMULATION	INT8	-Obsolete in P5, Utrancell-Number of attempted DL channelization code allocations for spreading factor	ManagedElement_RncFunction_UtranCell.pmNoDICHCodeAllocAttemptSf128	Sum	ecttbh, Sum

			SF128 for normal transmission mode.			
pmndlchcodeallocattemptsf16	ACCUMULATION	INT8	-Obsolete in P5, Utrancell-Number of attempted DL channelization on code allocations for spreading factor SF=16 for normal transmission mode.	ManagedElement_RncFunction_UtranCell.pmNoDICHCodeAllocAttemptSf16	Sum	ecttbh, Sum
pmndlchcodeallocattemptsf256	ACCUMULATION	INT8	-Obsolete in P5, Utrancell-Number of attempted DL channelization on code allocations for spreading factor SF256 for normal transmission mode.	ManagedElement_RncFunction_UtranCell.pmNoDICHCodeAllocAttemptSf256	Sum	ecttbh, Sum
pmndlchcodeallocattemptsf32	ACCUMULATION	INT8	-Obsolete in P5, Utrancell-	ManagedElement_RncFunction_UtranCell.pmNoDICHCodeAllocAttemptSf32	Sum	ecttbh, Sum

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			Number of attempted DL channelization code allocations for spreading factor SF32 for normal transmission mode.			
pmndlchcodealloc attemptsf64	ACCUMULATION	INT8	-Obsolete in P5, Utrancell-Number of attempted DL channelization code allocations for spreading factor SF64 for normal transmission mode.	ManagedElement_RncFunction_UtranCell.pmNoDICH CodeAllocAttemptSf64	Sum	ecttbh, Sum
pmndlchcodealloc attemptsf8	ACCUMULATION	INT8	-Obsolete in P5, Utrancell-Number of attempted DL channelization code allocations for spreading factor SF=8 for normal transmission mode.	ManagedElement_RncFunction_UtranCell.pmNoDICH CodeAllocAttemptSf8	Sum	ecttbh, Sum
pmndlchcodealloc failuresf128	ACCUMULATION	INT8	-Obsolete in P5,	ManagedElement_RncFunction_UtranCell.pmNoDICH	Sum	ecttbh, Sum

			Utrancell- Number of failed DL channelizati on code allocations for spreading factor SF128 for normal transmission mode.	CodeAllocFailureSf128		
pmnodlchcodealloc failuresf16	ACCUMU LATION	INT8	-Obsolete in P5, Utrancell- Number of failed DL channelizati on code allocations for spreading factor SF=16 for normal transmission mode.	ManagedElement_RncFunc tion_UtranCell.pmNoDICh CodeAllocFailureSf16	Sum	ectt h , Sum
pmnodlchcodealloc failuresf256	ACCUMU LATION	INT8	-Obsolete in P5, Utrancell- Number of failed DL channelizati on code allocations for spreading factor SF256 for	ManagedElement_RncFunc tion_UtranCell.pmNoDICh CodeAllocFailureSf256	Sum	ectt h , Sum

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			normal transmission mode.			
pmnodlchcodealloc failuresf32	ACCUMULATION	INT8	-Obsolete in P5, Utrancell-Number of failed DL channelization code allocations for spreading factor SF32 for normal transmission mode.	ManagedElement_RncFunction_UtranCell.pmNoDlChCodeAllocFailureSf32	Sum	ecttbh, Sum
pmnodlchcodealloc failuresf64	ACCUMULATION	INT8	-Obsolete in P5, Utrancell-Number of failed DL channelization code allocations for spreading factor SF64 for normal transmission mode.	ManagedElement_RncFunction_UtranCell.pmNoDlChCodeAllocFailureSf64	Sum	ecttbh, Sum
pmnodlchcodealloc failuresf8	ACCUMULATION	INT8	-Obsolete in P5, Utrancell-Number of failed DL channelization code allocations for spreading factor SF=8 for normal transmission	ManagedElement_RncFunction_UtranCell.pmNoDlChCodeAllocFailureSf8	Sum	ecttbh, Sum

			mode.			
pmSamplesDlCode	ACCUMULATION	INTEGER	Number of samples in pmSumDlCode (that is, pmSamplesDlCode = pmSamplesDlCode +1, whenever pmSumDlCode is to be updated).	ManagedElement_RncFunction_UtranCell.pmSamplesDlCode	Sum	ecttbh, Sum
pmSamplesSf4Ul	ACCUMULATION	INT8	-Obsolete in P5, Utrancell-Number of samples of the number of radio links that are on Spreading Factor (SF) = 4 (384 kbps) in UL in a cell during a ROP period	ManagedElement_RncFunction_UtranCell.pmSamplesSf4Ul	Sum	ecttbh, Sum
pmSumDlCode	ACCUMULATION	INTEGER	Aggregate of DL Channelization code tree usage (percentage of lowest leaf, SF 256, usage: blocked or	ManagedElement_RncFunction_UtranCell.pmSumDlCode	Sum	ecttbh, Sum

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			allocated) measurements.			
pmSumSf4UI	ACCUMULATION	INT8	-Obsolete in P5, Utrancell-Sum of the sampled amount of radio links that are on Spreading Factor (SF) = 4 (384 kbps) in UL in a cell during a ROP period	ManagedElement_RncFunction_UtranCell.pmSumSf4UI	Sum	ecttbh, Sum
pmSumSqrDICode	ACCUMULATION	INTEGER	Aggregate of the squares of the individual measurements in pmSumDICode (that is, pmSumSqrDICode = pmSumSqrDICode + measurement_value^2).	ManagedElement_RncFunction_UtranCell.pmSumSqrDICode	Sum	ecttbh, Sum
pmSumSqrUIRssi	ACCUMULATION	INTEGER	Aggregate of the squares of the individual measurements in pmSumUIRssi (that is, pmSumSqrUIRssi =	ManagedElement_RncFunction_UtranCell.pmSumSqrUIRssi	Sum	ecttbh, Sum

			pmSumSqr UIRssi + measurement_value^2).		
totalattempts	ACCUMULATION	INT8	-Obsolete in P5, Utrancell- Total number of downlink channelization code allocation attempts for all spreading factors for normal transmission mode.	{pmnodlchcodeallocattempt sf8}+ {pmnodlchcodeallocattempt sf16}+ {pmnodlchcodeallocattempt sf32}+ {pmnodlchcodeallocattempt sf64}+ {pmnodlchcodeallocattempt sf128}+ {pmnodlchcodeallocattempt sf256}	Sum ecttbh, Sum
totalfailure	ACCUMULATION	INT8	-Obsolete in P5, Utrancell- Total number of failed downlink channelization code allocation attempts for all spreading factors for normal transmission mode.	{pmnodlchcodeallocfailures f8}+ {pmnodlchcodeallocfailures f16}+ {pmnodlchcodeallocfailures f32}+ {pmnodlchcodeallocfailures f64}+ {pmnodlchcodeallocfailures f128}+ {pmnodlchcodeallocfailures f256}	Sum ecttbh, Sum
totalsuccess	ACCUMULATION	INT8	-Obsolete in P5,	{pmnodlchcodeallocattempt sf8}+	Sum ecttbh, Sum

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			Utrancell- Total number of successful downlink channelizati on code allocation attempts for all spreading factors for normal transmission mode.	{pmnodlchcodeallocattempt sf16}+ {pmnodlchcodeallocattempt sf32}+ {pmnodlchcodeallocattempt sf64}+ {pmnodlchcodeallocattempt sf128}+ {pmnodlchcodeallocattempt sf256})- ({pmnodlchcodeallocfailure sf8}+ {pmnodlchcodeallocfailures f16}+ {pmnodlchcodeallocfailures f32}+ {pmnodlchcodeallocfailures f64}+ {pmnodlchcodeallocfailures f128}+ {pmnodlchcodeallocfailures f256})	
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7.13.12Cell.Ericsson.UMTS.compressed_mode

Compressed mode statistics.

KPI	Type	Data Type	Description	Derivation	Default Aggregator	Other Aggregators
cmtotattdl	ACCUMULATION	INT8	Total attempted CM starts for DL.	{pmcmattdlssf2} + {pmcmattdlhls}	Sum	ecttbfh, Sum
cmtotattul	ACCUMULATION	INT8	Total attempted CM starts for UL.	{pmcmattulssf2} + {pmcmattulhls}	Sum	ecttbfh, Sum
pmcmattdlhls	ACCUMULATION	INT8	Attempted CM starts for DL by using HLS method.	ManagedElement_Rnc Function_UtranCell.p mCmAttDIHls	Sum	ecttbfh, Sum
pmcmattdlssf2	ACCUMULATION	INT8	Attempted CM starts for DL by using	ManagedElement_Rnc Function_UtranCell.p mCmAttDISf2	Sum	ecttbfh, Sum

			SF/2 method.			
pmcmattulhls	ACCUMULATION	INT8	Attempted CM starts for UL by using HLS method.	ManagedElement_RncFunction_UtranCell.p mCmAttUIHls	Sum	ectt bh , Sum
pmcmattulsf2	ACCUMULATION	INT8	Attempted CM starts for UL by using SF/2 method.	ManagedElement_RncFunction_UtranCell.p mCmAttUISf2	Sum	ectt bh , Sum
pmcmstop	ACCUMULATION	INT8	Compressed Mode Stops when the connection is maintained after CM stop.	ManagedElement_RncFunction_UtranCell.p mCmStop	Sum	ectt bh , Sum
pmcmsuccdlhls	ACCUMULATION	INT8	Successful CM starts for DL by using HLS method.	ManagedElement_RncFunction_UtranCell.p mCmSuccDIHls	Sum	ectt bh , Sum
pmcmsuccdlsf2	ACCUMULATION	INT8	Successful CM starts for DL by using SF/2 method.	ManagedElement_RncFunction_UtranCell.p mCmSuccDISf2	Sum	ectt bh , Sum
pmcmsucculhls	ACCUMULATION	INT8	Successful CM starts for UL by using HLS method.	ManagedElement_RncFunction_UtranCell.p mCmSuccUIHls	Sum	ectt bh , Sum
pmcmsucculsf2	ACCUMULATION	INT8	Successful CM starts for UL by using SF/2 method.	ManagedElement_RncFunction_UtranCell.p mCmSuccUISf2	Sum	ectt bh , Sum
totsuccdl	ACCUMULATION	INT8	Total successful CM starts for DL.	{pmcmsuccdlsf2} + {pmcmsuccdlhls}	Sum	ectt bh , Sum
totsuccul	ACCUMULATION	INT8	Total	{pmcmsucculsf2} +	Sum	ectt bh ,

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	TION		successful CM starts for UL.	{pmcmsucculhs}		Sum
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7.13.13 Cell.Ericsson.UMTS.congestion

Cell congestion statistics.

KPI	Type	Data Type	Description	Derivation	Default Aggregator	Other Aggregators
pmnoofiurswdownngcong	ACCUMULATION	INT8	Number of non-guaranteed users served by another RNC terminated due to congestion.	ManagedElement_RncFunction_UtranCell.pmNoOfIurSwDownNgCong	Sum	ectt h , Sum
pmnoofiurtermcong	ACCUMULATION	INT8	Number of circuit-switched data Radio Connections served by another RNC terminated due to congestion.	ManagedElement_RncFunction_UtranCell.pmNoOfIurTermCsCong	Sum	ectt h , Sum
pmNoOfIurTermHsCong	ACCUMULATION	INT8	Number of HSDPA	ManagedElement_RncFunction_UtranCell.pmNoOfIurTermHsCong	Sum	ectt h , Sum

			Radio Connections served over Iur terminated due to congestion.			
pmNoOfIurTermSpeechCong	ACCUMULATION	INT8	Number of speech Radio Connections served by another RNC terminated due to congestion.	ManagedElement_RncFunction_UtranCell.pmNoOfIurTermSpeechCong	Sum	ecttth, Sum
pmNoOfSwDownEulCong	ACCUMULATION	INTEGER	Number of E-DCH users served by this RNC, which are down-switched due to DL congestion in	ManagedElement_RncFunction_UtranCell.pmNoOfSwDownEulCong	Sum	ecttth, Sum

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			both EUL serving cell and EUL non-serving cell.			
pmNoOfSwDownHsCong	ACCUMULATION	INTEGER	Number of Radio Connections served by this RNC, including an HSDPA service, which are channel switched down due to a congestion resolution action initiated on a serving Ue Context.	ManagedElement_RncFunction_UtranCell.pmNoOfSwDownHsCong	Sum	ecttbh, Sum
pmnoofswdownngcong	ACCUMULATION	INT8	Number of non-guaranteed users served by this RNC switched down	ManagedElement_RncFunction_UtranCell.pmNoOfSwDownNgCong	Sum	ecttbh, Sum

			to common or terminated due to congestion.			
pmnooftermcscong	ACCUMULATION	INT8	Number of circuit-switched data Radio Connections served by this RNC terminated due to congestion.	ManagedElement_RncFunction_UtranCell.pmNoOfTermCsCong	Sum	ecttbh, Sum
pmNoOfTermHsCong	ACCUMULATION	INT8	- Obsolete in P5, UtranCell- Number of HSDPA Radio Connections served by this RNC terminated due	ManagedElement_RncFunction_UtranCell.pmNoOfTermHsCong	Sum	ecttbh, Sum

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			to congestion			
pmnooftermspeechcong	ACCUMULATION	INT8	Number of speech Radio Connections served by this RNC terminated due to congestion.	ManagedElement_RncFunction_UtranCell.pmNoOfTermSpeechCong	Sum	ecttbh, Sum
pmsumoftimesmeasoldl	ACCUMULATION	INT8	Number of times Congestion Control is triggered due to high DL power.	ManagedElement_RncFunction_UtranCell.pmSumOfTimesMeasOIDl	Sum	ecttbh, Sum
pmsumoftimesmeasolul	ACCUMULATION	INT8	Number of times Congestion Control is triggered due to high UL interference.	ManagedElement_RncFunction_UtranCell.pmSumOfTimesMeasOIUI	Sum	ecttbh, Sum
pmTotalTimeDlCellCong	ACCUMULATION	INT8	The total amount of time (sec) a	ManagedElement_RncFunction_UtranCell.pmTotalTimeDlCellCong	Sum	ecttbh, Sum

			cell was congested in DL during a reporting period.			
pmTotalTimeUICellCong	ACCUMULATION	INT8	The total amount of time (sec) a cell was congested in UL during a reporting period.	ManagedElement_RncFunction_UtranCell.pmTotalTimeUICellCong	Sum	ecttbh, Sum

7.13.14Cell.Ericsson.UMTS.Enhanced_Uplink_service_availability

Enhanced uplink service availability statistics.

KPI	Type	Data Type	Description	Derivation	Default Aggregator	Other Aggregators
_%_EulUptime	PERCENTAGE	FLOAT	Percentage EulDCH service available time not affected by events recorded by pmEulDowntimeAuto and pmEulDowntimeMan	$100 * (\{measurement_seconds\} - \{pmEulDowntimeAuto\} - \{pmEulDowntimeMan\}) / \{measurement_seconds\}$	Average	Average, ecttbh

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pmEulDowntimeAuto	ACCUMULATION	INTEGER	Amount of time (in seconds) the Eul service in the cell has been unavailable because the system has considered the cell as down, for example, at least one of the MOs Eul, Hdsch, UtranCell, Pch, Rach or Fach has been disabled while all these MOs have been unlocked. Counter is stepped every second when any of Eul/Rach/Fach/Pch/UtranCell/Hdsch is disabled while all are unlocked.	ManagedElement_RncFunction_UtranCell_Hdsch_Eul.p mEulDowntimeAuto	Sum	ectt h , Sum
pmEulDowntimeMan	ACCUMULATION	INTEGER	Amount of time (in seconds) the Eul service in the cell has been unavailable due to operator setting, for example, the operator has locked at least one of the MOs Eul, Hdsch, UtranCell, Pch, Rach or Fach. Counter is stepped every second when	ManagedElement_RncFunction_UtranCell_Hdsch_Eul.p mEulDowntimeMan	Sum	ectt h , Sum

			any of Eul/Rach/Fach/Pch/Utran Cell/Hdsch MO is locked.		
--	--	--	---	--	--

7.13.15Cell.Ericsson.UMTS.Enhanced_Uplink_service_throughput

Eul service throughput statistics.

KPI	Type	Data Type	Description	Derivation	Default Aggregator	Other Aggregators
Avg_pmEulRlcTotPacketThp	INTENSITY	FLOAT	Average of EUL UL RLC throughput measurements (that is, incremented by the measured EUL RLC throughput amount including retransmissions: pmSumEulRlcTotPacketThp = pmSumEulRlcTotPacketThp + throughput_measure). Reported on the best cell in the active set.	thresholddiv({pmSumEulRlcTotPacketThp}, {pmSamplesEulRlcTotPacketThp},0,0)	Average	Average, ecttbh, Maximum, Minimum, Sum
Avg_pmEulRlcUserPacketThp	INTENSITY	FLOAT	Average of EUL UL RLC throughput measurements (that is, incremented by the measured RLC throughput amount, excluding retransmissions: pmSumEulRlcUser	thresholddiv({pmSumEulRlcUserPacketThp}, {pmSamplesEulRlcUserPacketThp},0,0)	Average	Average, ecttbh, Maximum, Minimum, Sum

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			PacketThp = pmSumEulRlcUserPacketThp + throughput_measure). Reported on the best cell in the active set.			
pmEulRlcUserPacketThp_Avg	INTENSITY	FLOAT	The average EUL UL RLC throughput (user data), excluding retransmissions. Reported on the best cell in the active set.	ManagedElement_RncFunction_UtranCell_HsdSCH_Eul.pmEulRlcUserPacketThp_Avg	Average	Average, ecttbh, Maximum, Minimum, Sum
pmEulRlcUserPacketThp_Max	INTENSITY	FLOAT	The maximum EUL UL RLC throughput (user data), excluding retransmissions. Reported on the best cell in the active set.	ManagedElement_RncFunction_UtranCell_HsdSCH_Eul.pmEulRlcUserPacketThp_Max	Constant	Average, ecttbh, Maximum, Minimum, Sum
pmEulRlcUserPacketThp_Min	INTENSITY	FLOAT	The minimum EUL UL RLC throughput (user data), excluding retransmissions. Reported on the best cell in the active set.	ManagedElement_RncFunction_UtranCell_HsdSCH_Eul.pmEulRlcUserPacketThp_Min	Minimum	Average, ecttbh, Maximum, Minimum, Sum
pmSamplesEulRlcTotPacketThp	ACCUMULATION	INTEGER	Number of samples in pmSumEulRlcTotPacketThp (that is, pmSamplesEulRlcTotPacketThp = pmSamplesEulRlcTotPacketThp + 1, whenever pmSumEulRlcTotPacketThp is to be updated). Reset at	ManagedElement_RncFunction_UtranCell_HsdSCH_Eul.pmSamplesEulRlcTotPacketThp	Sum	ecttbh, Sum

			each ROP period.			
pmSamplesEulRlcUserPacketThp	ACCUMULATION	INTEGER	Number of samples in pmSumEulRlcUserPacketThp (that is, pmSamplesEulRlcUserPacketThp = pmSamplesEulRlcUserPacketThp +1, whenever pmSumEulRlcUserPacketThp is to be updated). Reset at each ROP period..	ManagedElement_Rn cFunction_UtranCell_Hsdsch_Eul.pmSamplesEulRlcUserPacketThp	Sum	ecttbh, Sum
pmSumEulRlcTotPacketThp	ACCUMULATION	INTEGER	Aggregate of EUL UL RLC throughput measurements (that is, incremented by the measured EUL RLC throughput amount including retransmissions: pmSumEulRlcTotPacketThp = pmSumEulRlcTotPacketThp + throughput_measure). Reported on the best cell in the active set.	ManagedElement_Rn cFunction_UtranCell_Hsdsch_Eul.pmSumEulRlcTotPacketThp	Sum	ecttbh, Sum
pmSumEulRlcUserPacketThp	ACCUMULATION	INTEGER	Aggregate of EUL UL RLC throughput measurements (that is, incremented by the measured RLC throughput amount, excluding retransmissions: pmSumEulRlcUser	ManagedElement_Rn cFunction_UtranCell_Hsdsch_Eul.pmSumEulRlcUserPacketThp	Sum	ecttbh, Sum

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			PacketThp = pmSumEulRlcUser PacketThp + throughput_measure). Reported on the best cell in the active set.			
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7.13.16Cell.Ericsson.UMTS.Handover_HSDSCH

HSDSCH Handover statistics.

KPI	Type	Data Type	Description	Derivation	Default Aggregator	Other Aggregators
%_HsCCSuccess	PERCENTAGE	FLOAT	Percentage of successful Serving HS-DSCH Cell change.	$100 * \frac{\{pmNoHsCcSuccess\}}{\{pmNoHsCcAttempt\}}$	Average	Average, ecttbh
%_pmNoEulCcSuccess	PERCENTAGE	FLOAT	Percentage of successful Serving E-DCH Cell Changes. Incremented in the target cell. Stepped after a RRC Physical Channel Reconfiguration Complete / Radio Bearer Reconfiguration Complete has been received from the UE	$100 * \frac{\{pmNoEulCcSuccess\}}{\{pmNoEulCcAttempt\}}$	Average	Average, ecttbh

			during E-DCH/HS-DSCH Cell Change..			
pmNoEulCcAttempt	ACCUMULATION	INTEGER	Number of attempted Serving E-DCH Cell Changes. Incremented in the target cell. Stepped after an RRC Physical Channel Reconfiguration/ Radio Bearer Reconfiguration has been sent to the UE during E-DCH/HS-DSCH Cell Change.	ManagedElement_Rn cFunction_UtranCell. pmNoEulCcAttempt	Sum	ecttbh, Sum
pmNoEulCcSuccess	ACCUMULATION	INTEGER	Number of successful Serving E-DCH Cell Changes. Incremented in the target cell. Stepped after a RRC Physical Channel Reconfiguration	ManagedElement_Rn cFunction_UtranCell. pmNoEulCcSuccess	Sum	ecttbh, Sum

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			Complete / Radio Bearer Reconfiguration Complete has been received from the UE during E-DCH/HS-DSCH Cell Change..			
pmNoHsCcAttempt	ACCUMULATION	INT8	Number of attempted Serving HS-DSCH Cell change.	ManagedElement_RncFunction_UtranCell. pmNoHsCcAttempt	Sum	ecttbh, Sum
pmNoHsCcSuccess	ACCUMULATION	INT8	Number of successful Serving HS-DSCH Cell change.	ManagedElement_RncFunction_UtranCell. pmNoHsCcSuccess	Sum	ecttbh, Sum

7.13.17Cell.Ericsson.UMTS.handover_statistics

UTRAN handover statistics.

KPI	Type	Data Type	Description	Derivation	Default Aggregator	Other Aggregators
_%_Cells_Active_Set_Success	PERCENTAGE	FLOAT	Percentage of number of times a cell was successfully added to a active set to	$100 * \frac{\{\text{pmnotimesrladdtoactset}\}}{(\{\text{pmnotimesrladdtoactset}\} + \{\text{pmnotimescellfailaddtoactset}\})}$	Average	Average, ecttbh

			number of times a cell failed to be added to an active set.			
%_link_addition_failure	PERCENTAGE	FLOAT	Percent age failed link additions.	$100 * \frac{\{\text{link_addition_failures}\}}{\{\text{link_addition_attempts}\}}$	Average	Average, ecttbh
%_link_addition_success	PERCENTAGE	FLOAT	Percent age successful link additions.	$100 * \frac{\{\text{link_addition_success}\}}{\{\text{link_addition_attempts}\}}$	Average	Average, ecttbh
link_addition_attempts	ACCUMULATION	INTEGER	Number of attempted link additions.	$\{\text{link_addition_success}\} + \{\text{link_addition_failures}\}$	Sum	ecttbh, Sum
link_addition_failures	ACCUMULATION	INTEGER	Number of failed link additions.	ManagedElement_RncFunction_UtranCell.pmNoTimesCellFailAddToActSet	Sum	ecttbh, Sum
link_addition_success	ACCUMULATION	INTEGER	Number of successful link	ManagedElement_RncFunction_UtranCell.pmNoTimesRlAddToActSet	Sum	ecttbh, Sum

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			additions.			
pmnotimescellfailaddtoactset	ACCUMULATION	INT 8	Number of times a cell fails to be added to an active set, also increased at failure at RL replace.	ManagedElement_RncFunction_UtranCell.pmNoTimesCellFailAddToActSet	Sum	ecttbh, Sum
pmnotimesrladdtoactset	ACCUMULATION	INT 8	Number of times an RL is added to an active set, also increased at RL replace.	ManagedElement_RncFunction_UtranCell.pmNoTimesRLAddToActSet	Sum	ecttbh, Sum
pmnotimesrldelfracst	ACCUMULATION	INT 8	Number of times an RL is deleted from an active set, also increased at RL replace.	ManagedElement_RncFunction_UtranCell.pmNoTimesRLDelFrActSet	Sum	ecttbh, Sum

pmnotimesrlrepina ctset	ACCUMUL ATION	INT 8	Numbe r of times an RL is replac ed in an active set, increas ed in the cell where the RL is deleted.	ManagedElement_RncFuncti on_UtranCell.pmNoTimesRl RepInActSet	Sum	ectt h , Sum
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7.13.18Cell.Ericsson.UMTS.Hard_Handover_Eul

Enhanced uplink hard handover related statistics.

KPI	Type	Data Type	Description	Derivation	Defa ult Aggr egato r	Other Aggre gators
%_pmEnableEulHho Success	PERCEN TAGE	FLO AT	Percentage of successful Hard Handovers to a coverage- related EUL cell. Stepped in the best cell in the Active Set when the transition is concluded. The best cell is the cell with	100 * {pmEnableEulHhoSucces s}/ {pmEnableEulHhoAttemp t}	Avera ge	Avera ge, ectt h

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			the highest measured quality defined by parameter UeMeasControl::hsQualityEstimate Stepped when Physical Channel Reconfiguration Complete is received from the UE, during an attempt to do a Hard HO to a Coverage Related cell when doing Serving E-DCH/HS-DSCH Cell Selection.			
$\bar{\%_pmNoIncomingEulHardHoSuccess}$	PERCENTAGE	FLO AT	Percentage of successful incoming Hard HO for serving E-DCH cell selection. Stepped in the target cell after a RRC Physical Channel Reconfiguration Complete has been received from the UE during a Hard handover in Serving E-DCH/HS-DSCH Cell Selection.	$100 * \frac{\{pmNoIncomingEulHardHoSuccess\}}{\{pmNoIncomingEulHardHoAttempt\}}$	Average	Average, ecttbh

$\frac{\text{pmNoOutgoingEulHardHoSuccess}}{\text{pmNoOutgoingEulHardHoAttempt}}$	PERCENTAGE	FLOAT	Percentage of successful outgoing Hard HO for serving E-DCH cell selection. Stepped in the best cell in the Active Set when the transition is triggered. The best cell is the cell with the highest measured quality defined by parameter UeMeasControl::hsQualityEstimate. Stepped in the source cell after a RRC Physical Channel Reconfiguration Complete has been received from the UE during a Hard handover in Serving E-DCH/HS-DSCH Cell Selection.	$100 * \frac{\text{pmNoOutgoingEulHardHoSuccess}}{\text{pmNoOutgoingEulHardHoAttempt}}$	Average	Average, ecttbbh, Sum
pmEnableEulHhoAttempt	ACCUMULATION	INTEGER	Number of attempted Hard	ManagedElement_RncFunction_UtranCell.pmEnableEulHhoAttempt	Sum	ecttbbh, Sum

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			Handovers to a coverage-related E-DCH cell. Stepped in the best cell in the Active Set when the transition is triggered. The best cell is the cell with the highest measured quality defined by parameter UeMeasControl::hsQualityEstimate. Stepped when Physical Channel Reconfiguration is sent to the UE, for an attempt to do a Hard HO to a Coverage Related cell when doing Serving E-DCH/HS-DSCH Cell Selection.		
pmEnableEulHhoSuccess	ACCUMULATION	INTEGER	Number of successful Hard Handovers to a coverage-related EUL cell. Stepped in the best cell in the Active Set when the transition is concluded.	ManagedElement_RncFunction_UtranCell.pmEnableEulHhoSuccess	Sum ecttbh, Sum

			The best cell is the cell with the highest measured quality defined by parameter UeMeasControl::hsQualityEstimate Stepped when Physical Channel Reconfiguration Complete is received from the UE, during an attempt to do a Hard HO to a Coverage Related cell when doing Serving E-DCH/HS-DSCH Cell Selection.			
pmNoEulHardHoReturnOldChSource	ACCUMULATION	INTEGER	Number of failed Hard HO for serving E-DCH cell selection and UE maintained. Stepped in the best cell in the Active Set when the transition is triggered. The best cell is the cell with the	ManagedElement_RncFunction_UtranCell.pmNoEulHardHoReturnOldChSource	Sum	ecttbh, Sum

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			highest measured quality defined by parameter UeMeasControl::hsQualityEstimate			
pmNoEulHardHoReturnOldChTarget	ACCUMULATION	INTEGER	Number of failed Hard HO for serving E-DCH cell selection and UE maintained. Stepped in the target cell. Counter is stepped in the target cell after a RRC Physical Channel Reconfiguration Failure has been received from the UE during a Hard handover in Serving E-DCH/HS-DSCH Cell Selection	ManagedElement_RncFunction_UtranCell.pmNoEulHardHoReturnOldChTarget	Sum	ecttbh, Sum
pmNoIncomingEulHardHoAttempt	ACCUMULATION	INTEGER	Number of attempted incoming Hard HO for serving E-DCH cell selection. Stepped in the target cell when a RRC Physical Channel Reconfiguration is sent to the	ManagedElement_RncFunction_UtranCell.pmNoIncomingEulHardHoAttempt	Sum	ecttbh, Sum

			UE during a Hard handover in Serving E-DCH/HS-DSCH Cell Selection.			
pmNoIncomingEulHardHoSuccess	ACCUMULATION	INTEGER	Number of successful incoming Hard HO for serving E-DCH cell selection. Stepped in the target cell after a RRC Physical Channel Reconfiguration Complete has been received from the UE during a Hard handover in Serving E-DCH/HS-DSCH Cell Selection.	ManagedElement_RncFunction_UtranCell.pmNoIncomingEulHardHoSuccess	Sum	ecttbh, Sum
pmNoOutgoingEulHardHoAttempt	ACCUMULATION	INTEGER	Number of attempted outgoing Hard HO for serving E-DCH cell selection. Stepped in the best cell in the Active Set when the transition is triggered. The	ManagedElement_RncFunction_UtranCell.pmNoOutgoingEulHardHoAttempt	Sum	ecttbh, Sum

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			<p>best cell is the cell with the highest measured quality defined by parameter UeMeasControl::hsQualityEstimate. Stepped in the source cell when a RRC Physical Channel Reconfiguration is sent to the UE during a Hard handover in Serving E-DCH/HS-DSCH Cell Selection.</p>			
pmNoOutgoingEulHardHoSuccess	ACCUMULATION	INTEGER	<p>Number of successful outgoing Hard HO for serving E-DCH cell selection. Stepped in the best cell in the Active Set when the transition is triggered. The best cell is the cell with the highest measured quality defined by parameter UeMeasControl::hsQualityEstimate. Stepped in the source cell</p>	ManagedElement_RncFunction_UtranCell.pmNoOutgoingEulHardHoSuccess	Sum	ecttbh, Sum

			after a RRC Physical Channel Reconfiguration Complete has been received from the UE during a Hard handover in Serving E-DCH/HS-DSCH Cell Selection.		
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7.13.19Cell.Ericsson.UMTS.Hard_Handover_HSDSCH

HSDSCH Hard Handover statistics.

KPI	Type	Data Type	Description	Derivation	Default Aggregator	Other Aggregators
%_IncomingHsHardHoSuccess_Src	PERCENTAGE	FLOAT	Percentage of successful Hard HO for serving HS-DSCH cell selection, target cell	$100 * \frac{\{pmNoIncomingHsHardHoSuccess\}}{\{pmNoIncomingHsHardHoAttempt\}}$	Average	Average, ecttbh
%_OutgoingHsHardHoSuccess_Tgt	PERCENTAGE	FLOAT	Percentage of successful	$100 * \frac{\{pmNoOutgoingHsHardHoSuccess\}}{\{pmNoOutgoingHsHardHoAttempt\}}$	Average	Average, ecttbh

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			1 Hard HO for serving HS-DSCH cell selection, source cell	{pmNoOutgoingHsHardHoAttempt}		
%_pmEnableHsHhoSuccess	PERCENTAGE	FLOAT	Percentage of successful attempts to do a Hard HO to a coverage related cell, with the purpose to enable the possibility to do a transition to a HS-DSCH connection. Stepped in the best cell in the Active Set when the transition is triggered. Stepped when Physical Channel	100 * {pmEnableHsHhoSuccess} / {pmEnableHsHhoAttempt}	Average	Average, ecttbh

			Reconfiguration Complete is received from the UE, during an attempt to do a Hard HO to a Coverage Related cell when doing Serving HS-DSCH Cell Selection			
$\frac{\text{pmNoIncomingPsStreamHsHhoSuccess}}{\text{pmNoIncomingPsStreamHsHhoAttempt}}$	PERCENTAGE	FLOAT	Percentage successes Hard HO for serving HS-DSCH cell selection for PS Streaming.	$100 * \frac{\text{pmNoIncomingPsStreamHsHhoSuccess}}{\text{pmNoIncomingPsStreamHsHhoAttempt}}$	Average	Average, ecttbh
$\frac{\text{pmNoOutgoingPsStreamHsHhoSuccess}}{\text{pmNoOutgoingPsStreamHsHhoAttempt}}$	PERCENTAGE	FLOAT	Percentage successful Hard HO for serving	$100 * \frac{\text{pmNoOutgoingPsStreamHsHhoSuccess}}{\text{pmNoOutgoingPsStreamHsHhoAttempt}}$	Average	Average, ecttbh

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			HS-DSCH cell selection for PS Streaming.			
pmEnableHsHhoAttempt	ACCUMULATION	INTEGER	Number of attempts to do a Hard HO to a coverage related cell, with the purpose to enable the possibility to do a transition to a HS-DSCH connection. Stepped in the best cell in the Active Set when the transition is triggered. Stepped when Physical Channel Reconfiguration is sent to the UE,	ManagedElement_RncFunction_UtranCell.pmEnableHsHhoAttempt	Sum	ecttbh, Sum

			for an attempt to do a Hard HO to a Coverage Related cell when doing Serving HS-DSCH Cell Selection .			
pmEnableHsHhoSuccess	ACCUMULATION	INTEGER	Number of successful attempts to do a Hard HO to a coverage related cell, with the purpose to enable the possibility to do a transition to a HS-DSCH connection. Stepped in the best cell	ManagedElement_RncFunction_UtranCell.pmEnableHsHhoSuccess	Sum	ectt h , Sum

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			in the Active Set when the transition is triggered. Stepped when Physical Channel Reconfiguration Complete is received from the UE, during an attempt to do a Hard HO to a Coverage Related cell when doing Serving HS-DSCH Cell Selection			
pmNoHsHardHoReturnOldChSource	ACCUMULATION	INT8	Number of failed Hard HO for serving HS-DSCH cell selection and UE connection maintain	ManagedElement_RncFunction_UtranCell.pmNoHsHardHoReturnOldChSource	Sum	ecttbh, Sum

			ed. Source cell			
pmNoHsHardHoReturn OldChTarget	ACCUMU LATION	INT8	Number of failed Hard HO for serving HS- DSCH cell selection and UE connecti on maintain ed. Target Cell	ManagedElement_RncFunct ion_UtranCell.pmNoHsHar dHoReturnOldChTarget	Sum	ecttbh, Sum
pmNoIncomingHsHard HoAttempt	ACCUMU LATION	INT8	Number of attempte d Hard HO for serving HS- DSCH cell selection. Target cell	ManagedElement_RncFunct ion_UtranCell.pmNoIncomi ngHsHardHoAttempt	Sum	ecttbh, Sum
pmNoIncomingHsHard HoSuccess	ACCUMU LATION	INT8	Number of successfu l Hard HO for serving HS- DSCH	ManagedElement_RncFunct ion_UtranCell.pmNoIncomi ngHsHardHoSuccess	Sum	ecttbh, Sum

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			cell selection. Target cell		
pmNoIncomingPsStreamHsHhoAttempt	ACCUMULATION	INTEGER	Number of attempted Hard HO for serving HS-DSCH cell selection for PS Streaming.	ManagedElement_RncFunction_UtranCell.pmNoIncomingPsStreamHsHhoAttempt	Sum ecttbh, Sum
pmNoIncomingPsStreamHsHhoSuccess	ACCUMULATION	INTEGER	Number of successes Hard HO for serving HS-DSCH cell selection for PS Streaming.	ManagedElement_RncFunction_UtranCell.pmNoIncomingPsStreamHsHhoSuccess	Sum ecttbh, Sum
pmNoOutgoingHsHardHoAttempt	ACCUMULATION	INT8	Number of attempts Hard HO for serving HS-DSCH cell selection. Source cell	ManagedElement_RncFunction_UtranCell.pmNoOutgoingHsHardHoAttempt	Sum ecttbh, Sum
pmNoOutgoingHsHard	ACCUMULATION	INT8	Number	ManagedElement_RncFunction	Sum ecttbh,

HoSuccess	ACCUMULATION		of successful Hard HO for serving HS-DSCH cell selection. Source cell	ManagedElement_RncFunction_UtranCell.pmNoOutgoingHsHardHoSuccess	Sum	
pmNoOutgoingPsStreamHsHhoAttempt	ACCUMULATION	INTEGER	Number of attempts Hard HO for serving HS-DSCH cell selection for PS Streaming.	ManagedElement_RncFunction_UtranCell.pmNoOutgoingPsStreamHsHhoAttempt	Sum	ecttbh, Sum
pmNoOutgoingPsStreamHsHhoSuccess	ACCUMULATION	INTEGER	Number of successful Hard HO for serving HS-DSCH cell selection for PS Streaming.	ManagedElement_RncFunction_UtranCell.pmNoOutgoingPsStreamHsHhoSuccess	Sum	ecttbh, Sum
pmNoPsStreamHsHhoReturnOldSource	ACCUMULATION	INTEGER	Number of failed	ManagedElement_RncFunction_UtranCell.pmNoPsStream	Sum	ecttbh, Sum

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		R	Hard HO for serving HS-DSCH cell selection and UE connection maintained for PS Streaming.	mHsHhoReturnOldSource		
pmNoPsStreamHsHhoReturnOldTarget	ACCUMULATION	INTEGER	Number of failed Hard HO for serving HS-DSCH cell selection and UE connection maintained for PS Streaming.	ManagedElement_RncFunction_UtranCell.pmNoPsStreamHsHhoReturnOldTarget	Sum	ecttbh, Sum

7.13.20Cell.Ericsson.UMTS.HARQ

Hybrid Automatic Repetition Request related statistics.

KPI	Type	Data Type	Description	Derivation	Default Aggregator	Other Aggregators
pmEulHarqTransmTti10Failure	ACCUMULATION	INTEGER	Number of events when HARQ	ManagedElement_RncFunction_UtranCell.pmEulHarqTransmTti10Failure	Sum	Average, ecttbh, Sum

		<p>failure is indicated for the PS interactive RB and the SRBs when TTI = 10. The data shall be associated with the serving EUL cell. Pegged at the first correctly decoded E-DCH data frame for a previously not received CFN in a radio link set corresponding to the SRB delivered to the SRNC and coded as</p>		
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			a -HARQ Failure Indicatio n-			
pmEulHarqTransmTti 10PsInteractive_Avg	INTENSIT Y	FLO AT	(Obsolet e in P7.1) Average :Number of HARQ transmis sions attempte d for the PS interacti ve RB when TTI = 10 ms. If the signalle d number of HARQ retransm issions is 13, 14 or 15, the PDF counter shall not be increme nted.	ManagedElement_RncFuncti on_UtranCell.pmEulHarqTra nsmTti10PsInteractive_Avg	Avera ge	Averag e, ecttbh, Maxim um, Minim um, Sum
pmEulHarqTransmTti 10PsInteractive_Max	INTENSIT Y	INTE GER	(Obsolet e in P7.1) Maximu m:Numb er of HARQ	ManagedElement_RncFuncti on_UtranCell.pmEulHarqTra nsmTti10PsInteractive_Max	Avera ge	Averag e, ecttbh, Maxim um, Minim um,

			transmissions attempted for the PS interactive RB when TTI = 10 ms. If the signaled number of HARQ retransmissions is 13, 14 or 15, the PDF counter shall not be incremented.			Sum
pmEulHarqTransmTti10PsInteractive_Min	INTENSITY	INTEGER	(Obsolete in P7.1) Minimum: Number of HARQ transmissions attempted for the PS interactive RB	ManagedElement_RncFunction_UtranCell.pmEulHarqTransmTti10PsInteractive_Min	Average	Average, Maximum, Minimum, Sum

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			when TTI = 10 ms. If the signalled number of HARQ retransmissions is 13, 14 or 15, the PDF counter shall not be incremented.			
pmEulHarqTransmTti10Srb_Avg	INTENSITY	FLOAT	Average: Number of HARQ transmissions attempted for the SRB-s when TTI = 10 ms. If the signalled number of HARQ retransmissions is 13, 14 or 15, the PDF counter shall not be	ManagedElement_RncFunction_UtranCell.pmEulHarqTransmTti10Srb_Avg	Average	Average, ecttbh, Maximum, Minimum, Sum

			increme nted.			
pmEulHarqTransmTti 10Srb_Max	INTENSIT Y	INTE GER	Maximu m:Numb er of HARQ transmis sions attempte d for the SRB-s when TTI = 10 ms. If the signalle d number of HARQ retransm issions is 13, 14 or 15, the PDF counter shall not be increme nted.	ManagedElement_RncFunc tion_UtranCell.pmEulHarqTra nsmTti10Srb_Max	Avera ge	Averag e, ecttbh, Maxim um, Minim um, Sum
pmEulHarqTransmTti 10Srb_Min	INTENSIT Y	INTE GER	Minimu m:Numb er of HARQ transmis sions attempte d for the SRB-s when	ManagedElement_RncFunc tion_UtranCell.pmEulHarqTra nsmTti10Srb_Min	Avera ge	Averag e, ecttbh, Maxim um, Minim um, Sum

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			TTI = 10 ms. If the signalled number of HARQ retransmissions is 13, 14 or 15, the PDF counter shall not be incremented.			
pmEulHarqTransmTti2Failure	ACCUMULATION	INTEGER	Number of events when HARQ failure is indicated, for both the PS interactive RB and the SRBs, when TTI = 2 ms.	ManagedElement_RncFunction_UtranCell.pmEulHarqTransmTti2Failure	Sum	Average, ecttbh
pmEulHarqTransmTti2PsRabs_Avg	INTENSITY	FLOAT	Average : Number of HARQ transmissions attempted for the PS	ManagedElement_RncFunction_UtranCell.pmEulHarqTransmTti2PsRabs_Avg	Average	Average, ecttbh, Sum, Minimum, Maximum

			interacti ve RB with TTI = 2 ms.			
pmEulHarqTransmTti 2PsRabs_Max	INTENSIT Y	INTE GER	Maximu m: Number of HARQ transmis sions attempte d for the PS interacti ve RB with TTI = 2 ms.	ManagedElement_RncFunc tion_UtranCell.pmEulHarqTra nsmTti2PsRabs_Max	Avera ge	Averag e, ecttbh, Sum, Minim um, Maxim um
pmEulHarqTransmTti 2PsRabs_Min	INTENSIT Y	INTE GER	Minimu m: Number of HARQ transmis sions attempte d for the PS interacti ve RB with TTI = 2 ms.	ManagedElement_RncFunc tion_UtranCell.pmEulHarqTra nsmTti2PsRabs_Min	Avera ge	Averag e, ecttbh, Sum, Minim um, Maxim um
pmEulHarqTransmTti 2Srb_Avg	INTENSIT Y	FLO AT	Average : Number of	ManagedElement_RncFunc tion_UtranCell.pmEulHarqTra nsmTti2Srb_Avg	Avera ge	Averag e, ecttbh, Sum,

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			HARQ transmissions attempted for the SRBs when TTI = 2 ms.			Minimum, Maximum
pmEulHarqTransmTti2Srb_Max	INTENSITY	INTEGER	Maximum: Number of HARQ transmissions attempted for the SRBs when TTI = 2 ms.	ManagedElement_RncFunction_UtranCell.pmEulHarqTransmTti2Srb_Max	Average	Average, ecttbh, Sum, Minimum, Maximum
pmEulHarqTransmTti2Srb_Min	INTENSITY	INTEGER	Minimum: Number of HARQ transmissions attempted for the SRBs when TTI = 2 ms.	ManagedElement_RncFunction_UtranCell.pmEulHarqTransmTti2Srb_Min	Average	Average, ecttbh, Sum, Minimum, Maximum

7.13.21Cell.Ericsson.UMTS.HSDSCH_Overload

HSD service overloaded statistics.

KPI	Type	Data Type	Description	Derivation	Default Aggregator	Other Aggregators
pmHsdSchOverload	ACCUMUL	INTE	Counts	ManagedElement_RncFun	Sum	ecttbh,

Detection	ATION	GER	the number of times HS-DSCH Overload Control is detected.	ction_UtranCell.pmHsdsc OverloadDetection		Sum
pmTotalTimeHsdsc hOverload	ACCUMULATION	INTE GER	The total amount of time (sec) a cell was HS-DSCH overloa ded.	ManagedElement_RncFun ction_UtranCell.pmTotalTi meHsdscOverload	Sum	ecttbh, Sum

7.13.22Cell.Ericsson.UMTS.HSDSCH_RLC_statistics

HSD RLC statistics

KPI	Type	Data Type	Description	Derivation	Default Aggregator	Other Aggregators
pmNoDiscardSdu DtchHs	ACCUMULATION	INTE GER	The total number of discarde d Packet Interacti ve HS DTCH RLC SDUs.	ManagedElement_RncF unction_UtranCell_Hsds ch.pmNoDiscardSduDtc hHs	Sum	ecttbh, Sum

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pmNoReceivedSduDtchHs	ACCUMULATION	INTEGER	Total number of discarded SDUs on a HS DTCH for a PS Streaming RB.	ManagedElement_RncFunction_UtranCell_HsdSCH.pmNoReceivedSduDtchHs	Sum	ecttbh, Sum
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7.13.23Cell.Ericsson.UMTS.HSDSCH_service_availability

HSDSCH Service availability statistics.

KPI	Type	Data Type	Description	Derivation	Default Aggregator	Other Aggregators
_%_HsUptime	PERCENTAGE	FLOAT	Percentage HSDCH service available time not affected by events recorded by pmHsDowntimeAuto and pmHsDowntimeMan	$100 * (\{\text{measurement_seconds}\} - \{\text{pmHsDowntimeMan}\} - \{\text{pmHsDowntimeAuto}\}) / \{\text{measurement_seconds}\}$	Average	Average, ecttbh
pmHsDowntimeAuto	ACCUMULATION	INT8	Amount of time the HsdSCH service in the cell is unavailable due to that the system has considered the cell as down e.g. at least one of the MOs HsdSCH, UtranCell, Pch, Rach or Fach is disabled while all are	ManagedElement_RncFunction_UtranCell_HsdSCH.pmHsDowntimeAuto	Sum	ecttbh, Sum

			unlocked.			
pmHsDowntimeMan	ACCUMULATION	INT8	Amount of time the HsdSCH service in the cell is unavailable due to operation setting e.g. the operator has locked at least one of the MOs HsdSCH, UtranCell, Pch, Rach or Fach.	ManagedElement_RncFunction_UtranCell_HsdSCH.pmHsDowntimeMan	Sum	ecttbb, Sum

7.13.24Cell.Ericsson.UMTS.HSDSCH_service_throughput

HSD service throughput statistics.

KPI	Type	Data Type	Description	Derivation	Default Aggregator	Other Aggregators
Avg_pmHsDIRlcTotPacketThp	INTENSITY	FLOAT	Average HS-DSCH DL RLC throughput measurements (that is, incremented by the measured throughput amount, including retransmissions: pmSumHsDIRlcTotPacketThp = pmSumHsDIRlcTotPacketThp + throughput_measurement). Reported on the	thresholddiv({pmSumHsDIRlcTotPacketThp}, {pmSamplesHsDIRlcTotPacketThp},0,0)	Average	Average, Maximum, Minimum, Sum

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			HS-DSCH cell.			
Avg_pmHsDIRlcUserPacketThp	INTENSITY	FLOAT	Average HS-DSCH DL RLC throughput measurements (that is, incremented by the measured RLC throughput amount, excluding retransmissions: pmSumHsDIRlcUserPacketThp = pmSumHsDIRlcUserPacketThp + throughput_measure). Reported on the HS-DSCH cell	thresholddiv({pmSumHsDIRlcUserPacketThp}, {pmSamplesHsDIRlcUserPacketThp},0,0)	Average	Average, Maximum, Minimum, Sum
pmHsDIRlcUserPacketThp_Avg	INTENSITY	FLOAT	The HS-DSCH DL RLC throughput (user data), excluding retransmissions. Reported on the HS-DSCH cell.	ManagedElement_Rnc Function_UtranCell_HsdSCH.pmHsDIRlcUserPacketThp_Avg	Average	Average, Maximum, Minimum, Sum
pmHsDIRlcUserPacketThp_Max	INTENSITY	FLOAT	The minimum average HS-DSCH DL RLC throughput (user data), excluding retransmissions. Reported on the HS-DSCH cell.	ManagedElement_Rnc Function_UtranCell_HsdSCH.pmHsDIRlcUserPacketThp_Max	Constant	Average, Maximum, Minimum, Sum
pmHsDIRlcUserPacketThp_Min	INTENSITY	FLOAT	The maximum HS-DSCH DL RLC throughput (user data), excluding retransmissions. Reported on the HS-DSCH cell.	ManagedElement_Rnc Function_UtranCell_HsdSCH.pmHsDIRlcUserPacketThp_Min	Minimum	Average, Maximum, Minimum, Sum
pmSamplesHsDIRlcTotPacketThp	ACCUMULATION	INTEGER	Number of samples in	ManagedElement_Rnc Function_UtranCell_Hs	Sum	ecttbbh, Sum

		R	pmSumHsDIRlcTotPacketThp (that is, pmSamplesHsDIRlcTotPacketThp = pmSamplesHsDIRlcTotPacketThp +1, whenever pmSumHsDIRlcTotPacketThp is to be updated). Reset at each ROP period.	dsch.pmSamplesHsDIRlcTotPacketThp		
pmSamplesHsDIRlcUserPacketThp	ACCUMULATION	INTEGER	Number of samples in pmSumHsDIRlcUserPacketThp (that is, pmSamplesHsDIRlcUserPacketThp = pmSamplesHsDIRlcUserPacketThp +1, whenever pmSumHsDIRlcUserPacketThp is to be updated). Reset at each ROP period.	ManagedElement_RncFunction_UtranCell_Hsdsch.pmSamplesHsDIRlcUserPacketThp	Sum	ecttbh, Sum
pmSumHsDIRlcTotPacketThp	ACCUMULATION	INTEGER	Aggregate of HS-DSCH DL RLC throughput measurements (that is, incremented by the measured throughput amount, including retransmissions: pmSumHsDIRlcTotPacketThp = pmSumHsDIRlcTotPacketThp + throughput_measure). Reported on the	ManagedElement_RncFunction_UtranCell_Hsdsch.pmSumHsDIRlcTotPacketThp	Sum	ecttbh, Sum

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			HS-DSCH cell.			
pmSumHsDIRlcUserPacketThp	ACCUMULATION	INTEGER	Aggregate of HS-DSCH DL RLC throughput measurements (that is, incremented by the measured RLC throughput amount, excluding retransmissions: pmSumHsDIRlcUserPacketThp = pmSumHsDIRlcUserPacketThp + throughput_measure). Reported on the HS-DSCH cell	ManagedElement_RncFunction_UtranCell_HsdSCH.pmSumHsDIRlcUserPacketThp	Sum	ecttbh, Sum

7.13.25 Cell.Ericsson.UMTS.Inter_frequency_handover

Inter frequency handover statistics.

KPI	Type	Data Type	Description	Derivation	Default Aggregator	Other Aggregators
pmInterFreqMeasCmStart	ACCUMULATION	INT8	Number of inter-frequency measurements started with compressed mode.	ManagedElement_RncFunction_UtranCell.pmInterFreqMeasCmStart	Sum	ecttbh, Sum
pmInterFreqMeasCmStop	ACCUMULATION	INT8	Number of inter-frequency measurements stops with compressed mode.	ManagedElement_RncFunction_UtranCell.pmInterFreqMeasCmStop	Sum	ecttbh, Sum
pmInterFreqMeasNoCmStart	ACCUMULATION	INT8	Number of inter-frequency	ManagedElement_RncFunction_UtranCell.pmInterFreqMeasNoCmStart	Sum	ecttbh, Sum

			measurements started without compressed mode.			
pmInterFreqMeasNoCmStop	ACCUMULATION	INT8	Number of inter-frequency measurements stops without compressed mode.	ManagedElement_RncFunction_UtranCell.pmInterFreqMeasNoCmStop	Sum	ecttbh, Sum
pmNoTimesIfhoCellFailAddToActSet	ACCUMULATION	INTEGER	Number of times a cell fails to be added to an active set. Stepped after any occurred failure of Radio Link Setup or Radio Link Addition procedure, regardless of the reason of the failure, at Intra RNC Inter Frequency Handover.	ManagedElement_RncFunction_UtranCell.pmNoTimesIfhoCellFailAddToActSet	Sum	ecttbh, Sum
pmNoTimesIfhoRIAddToActSet	ACCUMULATION	INTEGER	Number of times an RL is added to an active set. Stepped after RRC	ManagedElement_RncFunction_UtranCell.pmNoTimesIfhoRIAddToActSet	Sum	ecttbh, Sum

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			PHYSICAL CHANNEL RECONFIGURATION COMPLETE has been received at Intra RNC Inter Frequency Handover.		
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7.13.26Cell.Ericsson.UMTS.inter_radio_access_technology_cell_change_incoming

Incoming Inter radio access technology (e.g. GERAN to UTRAN) cell change/cell reselection statistics.

KPI	Type	Data Type	Description	Derivation	Default Aggregator	Other Aggregators
%_incoming_irat_cell_change_success	PERCENTAGE	FLOAT	Percent age successful incoming IRAT cell change.	$100 * \frac{\{pmtotnorrconnectsuccessiratccorder\}}{\{pmtotnorrconnectattiratccorder\}}$	Average	Average, ecttbh
%_incoming_irat_cell_reselection_success	PERCENTAGE	FLOAT	Percent age successful incoming IRAT cell reselection.	$100 * \frac{\{pmtotnorrconnectsuccessiratcellreselect\}}{\{pmtotnorrconnectattiratcellreselect\}}$	Average	Average, ecttbh
pmtotnorrconnectattiratccorder	ACCUMULATION	INT8	Total number of RRC connection establishment	ManagedElement_RncFunction_UtranCell.pmTotNoRrcConnectAttIratCcOrder	Sum	ecttbh, Sum

			attempts with establishment cause Inter-RAT cell change order.			
pmtotnorrconnectattiratcellresel	ACCUMULATION	INT 8	Total number of RRC connection establishment attempts with establishment cause Inter-RAT cell reselection.	ManagedElement_RncFunction_UtranCell.pmTotNoRrcConnectAttIratCellResel	Sum	ecttbh, Sum
pmtotnorrconnectfailcongratccorder	ACCUMULATION	INT 8	Number of unsuccessful RRC Connection establishments with establishment cause	ManagedElement_RncFunction_UtranCell.pmTotNoRrcConnectFailCongIratCcOrder	Sum	ecttbh, Sum

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			Inter-RAT cell change order, which failed due to congestion.			
pmtotnorrconnectfail congiratcellresel	ACCUMULATION	INT 8	Number of unsuccessful RRC Connection establishments with establishment cause Inter-RAT cell reselection, which failed due to congestion.	ManagedElement_RncFunction_UtranCell.pmTotNoRrcConnectFailCongIratCellResel	Sum	ecttbh, Sum
pmtotnorrconnectsuccessiratccorder	ACCUMULATION	INT 8	Number of successful RRC Connection establishments with establishment	ManagedElement_RncFunction_UtranCell.pmTotNoRrcConnectSuccessIratCcOrder	Sum	ecttbh, Sum

			cause Inter RAT cell change order.			
pmtotnorrconnectsuccessiratcellresel	ACCUMULATION	INT8	establishment cause Inter RAT cell reselection.	ManagedElement_RncFunction_UtranCell.pmTotNoRrcConnectSuccessIratCellResel	Sum	ecttbh, Sum

7.13.27Cell.Ericsson.UMTS.inter_radio_access_technology_handover_incoming

Incoming Inter radio access technology (e.g. GERAN to UTRAN) handover statistics.

KPI	Type	Data Type	Description	Derivation	Default Aggregator	Other Aggregators
%_incoming_cs_iratho_success	PERCENTAGE	FLOAT	Percentage successful incoming CS IRAT Handover.	$100 * \frac{\{pmnoincsirathosuccess\}}{\{pmnoincsirathoatt\}}$	Average	Average, ecttbh
pmnoincsirathoadmfail	ACCUMULATION	INT8	Number of CS incoming Inter System Handovers that fails due to admission blocking in Utran.	ManagedElement_RncFunction_UtranCell.pmNoInCsIratHoAdmFail	Sum	ecttbh, Sum

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pmnoincsirathoat	ACCUMULATION	INT8	Number of attempted CS incoming Inter System Handovers (counted before module and central MP load control, after SCCP MP load control).	ManagedElement_RncFunction_UtranCell.pmNoInCsIratHoAtt	Sum	ecttbh, Sum
pmnoincsirathos uccess	ACCUMULATION	INT8	Number of successful CS incoming Inter System Handovers	ManagedElement_RncFunction_UtranCell.pmNoInCsIratHoSuccess	Sum	ecttbh, Sum

7.13.28Cell.Ericsson.UMTS.inter_radio_access_technology_handover_outgoing

Outgoing Inter radio access technology (e.g. UTRAN to GERAN) handover statistics.

KPI	Type	Data Type	Description	Derivation	Default Aggregator	Other Aggregators
pmIratHoGsmMeasCmStart	ACCUMULATION	INT8	GSM measurement starts (with use of compres	ManagedElement_RncFunction_UtranCell.pmIratHoGsmMeasCmStart	Sum	ecttbh, Sum

			sed mode).			
pmIratHoGsmMeasNoCmStart	ACCUMULATION	INT8	GSM measurement starts (without use of compressed mode).	ManagedElement_RncFunction_UtranCell.pmIratHoGsmMeasNoCmStart	Sum	ecttbh, Sum
pmNoDirRetryAtt	ACCUMULATION	INT8	Number of attempts directed retry.	ManagedElement_RncFunction_UtranCell.pmNoDirRetryAtt	Sum	ecttbh, Sum
pmNoDirRetrySuccess	ACCUMULATION	INT8	Number of successful directed retry.	ManagedElement_RncFunction_UtranCell.pmNoDirRetrySuccess	Sum	ecttbh, Sum

7.13.29Cell.Ericsson.UMTS.MAC_PDU

MAC PDUs related statistics on Enhanced Uplink.

KPI	Type	Data Type	Description	Derivation	Default Aggregator	Other Aggregators
Avg_pmEulMacesPduTti10UndelivPsInteractive	INTENSITY	FLOAT	(Obsolete in P7.1) Ratio of MAC-es PDUs, corresponding to the PS	thresholddiv({pmEulMacesPduTti10UndelivPsInteractive}, {pmEulMacesPduTti10DelivPsInteractive},0,0)	Average	Average, ecttbh, Maximum,

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			interactive RB, which are undeliverable by MAC-es re-ordering, against delivered.			Minimum, Sum
Avg_pmEulMacesPduTti10UndelivSrb	INTENSITY	FLO AT	Ratio of MAC-es PDUs, corresponding to the SRBs, which are undeliverable by MAC-es re-ordering against delivered.	thresholddiv({pmEulMacesPduTti10UndelivSrb}, {pmEulMacesPduTti10DelivSrb},0,0)	Average	Average, ecttbb, Maximum, Minimum, Sum
pmEulMacesPduTti10DelivPsInteractive	ACCUMULATION	INTEGER	(Obsolete in P7.1) Number of MAC-es PDUs, corresponding to the PS interactive RB, which are delivered to the disassembly entity in MAC-es when TTI = 10 ms. The data shall be associated with the serving EUL cell. Pegged when the re-ordering entity delivers a MAC-es PDU carrying PS interactive data to MAC-d.	ManagedElement_RncFunction_UtranCell.pmEulMacesPduTti10DelivPsInteractive	Sum	ecttbb, Sum
pmEulMacesPduTti10DelivPsRabs	ACCUMULATION	INTEGER	Number of MAC-es	ManagedElement_RncFunction_UtranCell.pmEulMacesPduTti10DelivPsRabs	Sum	ecttbb, Sum

	N	R	PDU, corresponding to the PS RBs with TTI = 10 ms, which have been delivered to MAC-d within the ROP by the MAC-es re-ordering function.	sPduTti10DelivPsRabs		
pmEulMacesPduTti10DelivSrb	ACCUMULATION	INTEGER	Number of MAC-es PDUs, corresponding to the SRBs, which are delivered to the disassembly entities in MAC-es when TTI = 10 ms. The data shall be associated with the serving EUL cell. Pegged when the re-ordering entity delivers a MAC-es PDU carrying SRB data to MAC-d.	ManagedElement_RncFunction_UtranCell.pmEulMacesPduTti10DelivSrb	Sum	ecttbh, Sum
pmEulMacesPduTti10UndelivPsInteractive	ACCUMULATION	INTEGER	(Obsolete in P7.1) Number of MAC-es PDUs, corresponding to the PS	ManagedElement_RncFunction_UtranCell.pmEulMacesPduTti10UndelivPsInteractive	Sum	ecttbh, Sum

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			<p>interactive RB, which are undeliverable by MAC-es re-ordering, when TTI = 10 ms. Incremented for each MAC-es PDU, which cannot be delivered. Undeliverable MAC-es PDUs are those that have not been received at expiry of timer RncFunction.t1eTimerUITti10 and have a TSN smaller than the TSN that triggered the timer. The data shall be associated with the serving EUL cell.</p>		
pmEulMacesPduTti10UndelivPsRabs	ACCUMULATION	INTEGER	<p>Number of MAC-es PDUs, corresponding to the PS RBs with TTI = 10 ms, which the MAC-es re-ordering function could not deliver within the ROP.</p>	ManagedElement_RncFunction_UtranCell.pmEulMacesPduTti10UndelivPsRabs	Sum, Sum
pmEulMacesPduTti10UndelivSrb	ACCUMULATION	INTEGER	<p>Number of MAC-es PDUs, corresponding</p>	ManagedElement_RncFunction_UtranCell.pmEulMacesPduTti10UndelivSrb	Sum, Sum

			<p>to the SRBs, which are undeliverable by MAC-es re-ordering when TTI = 10 ms. Incremented for each MAC-es PDU, which cannot be delivered. Undeliverable MAC-es PDUs are those that have not been received at expiry of timer RncFunction.t1eTimerUITti10 and have a TSN smaller than the TSN that triggered the timer .The data shall be associated with the serving EUL cell</p>		
pmEulMacesPduTti2DelivPsRabs	ACCUMULATION	INTEGER	<p>Number of MAC-es PDUs, corresponding to the PS interactive RB, which are delivered to the disassembly entity in MAC-es when TTI = 2 ms.</p>	ManagedElement_RncFunction_UtranCell.pmEulMacesPduTti2DelivPsRabs	Sum ecttbh

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pmEulMacesPduTti2DelivSrb	ACCUMULATION	INTEGER	Number of MAC-es PDUs, corresponding to the SRBs, which are delivered to the disassembly entities in MAC-es when TTI = 2 ms. The data is associated with the serving EUL cell.	ManagedElement_RncFunction_UtranCell.pmEulMacesPduTti2DelivSrb	Sum	ecttbh
pmEulMacesPduTti2UndelivPsRabs	ACCUMULATION	INTEGER	Number of MAC-es PDUs, corresponding to the PS interactive RB with TTI = 2 ms, which are undeliverable by MAC-es re-ordering.	ManagedElement_RncFunction_UtranCell.pmEulMacesPduTti2UndelivPsRabs	Sum	ecttbh
pmEulMacesPduTti2UndelivSrb	ACCUMULATION	INTEGER	Number of MAC-es PDUs, corresponding to the SRBs with TTI = 2 ms, which are undeliverable by MAC-es re-ordering.	ManagedElement_RncFunction_UtranCell.pmEulMacesPduTti2UndelivSrb	Sum	ecttbh

7.13.30Cell.Ericsson.UMTS.MBMS_Sessions

MBMS session statistics.

KPI	Type	Data Type	Description	Derivation	Default Aggr	Other Aggregators
-----	------	-----------	-------------	------------	--------------	-------------------

					egator	
Avg_pmSumMbmsTraffic	INTENSITY	FLOAT	Average Streaming PS MBMS 129.6 RLC throughput measurements (that is, incremented by the measured Streaming PS MBMS 129.6 RLC throughput amount, including user data Medium Access Control (MAC) and Radio Link Control (RLC) header information.	thresholddiv({pmSumMbmsTraffic},{pmSamplesMbmsTraffic},0,0)	Average	Average, Maximum, Minimum, Sum
Avg_pmSumPsStrMbms128RlcUserThp	INTENSITY	FLOAT	Average Streaming PS MBMS 259.2 RLC throughput measurements (that is, incremented by the measured Streaming PS MBMS 259.2 RLC throughput amount, including user data Medium Access Control (MAC) and Radio Link Control (RLC) header information.	thresholddiv({pmSumPsStrMbms128RlcUserThp},{pmSamplesPsStrMbms128RlcUserThp},0,0)	Average	Average, Maximum, Minimum, Sum
Avg_pmSumPsStr	INTENSITY	FLOAT	Average	thresholddiv({pmSumPsS	Average	Average

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Mbms256RlcUserThp	TY	AT	Streaming PS MBMS 64.8 RLC throughput measurements (that is, incremented by the measured Streaming PS MBMS 64.8 RLC throughput amount, including user data, Medium Access Control (MAC) and Radio Link Control (RLC) header information.	trMbms256RlcUserThp}, {pmSamplesPsStrMbms256RlcUserThp},0,0)	age	ge, ecttbh , Maximum, Minimum, Sum
Avg_pmSumPsStrMbms64RlcUserThp	INTENSITY	FLOAT	Average of all sample values recorded within the ROP period for -MBMS traffic intensity-.	thresholddiv({pmSumPsStrMbms64RlcUserThp}, {pmSamplesPsStrMbms64RlcUserThp},0,0)	Average	Average, ecttbh , Maximum, Minimum, Sum
pmNoAttemptMbmsSession	ACCUMULATION	INTEGER	Number of MBMS session start attempts. This counter is only stepped when a new MBMS session is about to start, that is, re-establish attempts are NOT included.	ME_RNC_UtranCell_MbmsCch.pmNoAttemptMbmsSession	Sum	ecttbh , Sum
pmNoFailedMbmsSessionLackRnRes	ACCUMULATION	INTEGER	Number of unsuccessful MBMS session start attempts due to lack of RN resources. This	ME_RNC_UtranCell_MbmsCch.pmNoFailedMbmsSessionLackRnRes	Sum	ecttbh , Sum

			counter is only stepped max. once per round of retries of all MBMS sessions in the pending queue in order to give the desired observability.		
pmNoFailedMbmsSessionLackTnRes	ACCUMULATION	INTEGER	Number of unsuccessful MBMS session start attempts due to lack of TN resources. This counter is only stepped max. once per round of retries of all MBMS sessions in the pending queue in order to give the desired observability.	ME_RNC_UtranCell_MbmsCch.pmNoFailedMbmsSessionLackTnRes	Sum ectt, Sum
pmNoSuccessMbmsSession	ACCUMULATION	INTEGER	Number of successful MBMS session start. The counter is stepped for each first successful establishment of an MBMS session in a cell. Any reestablishment of this MBMS session in this cell does not cause any step of this counter.	ME_RNC_UtranCell_MbmsCch.pmNoSuccessMbmsSession	Sum ectt, Sum

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pmNoSuccessMbmsSessionStart	ACCUMULATION	INTEGER	Number of successful MBMS session start and re-start.	ME_RNC_UtranCell_MbmsCch.pmNoSuccessMbmsSessionStart	Sum	ecttbb, Sum
pmNoSystemMbmsSessionStop	ACCUMULATION	INTEGER	Number of MBMS session stop due to system internal reasons, that is, due to WRAN system or due to a CN problem.	ME_RNC_UtranCell_MbmsCch.pmNoSystemMbmsSessionStop	Sum	ecttbb, Sum
pmSamplesMbmsTraffic	ACCUMULATION	INTEGER	Number of samples recorded within the ROP period for -MBMS traffic intensity-.	ME_RNC_UtranCell_MbmsCch.pmSamplesMbmsTraffic	Sum	ecttbb, Sum
pmSamplesPsStrMbms128RlcUserThp	ACCUMULATION	INTEGER	Number of samples in pmSumPsStrMbms128RlcUserThp (that is, pmSamplesPsStrMbms128RlcUserThp = pmSamplesPsStrMbms128RlcUserThp + 1, whenever pmSumPsStrMbms128RlcUserThp is to be updated).	ME_RNC_UtranCell_MbmsCch.pmSamplesPsStrMbms128RlcUserThp	Sum	ecttbb, Sum
pmSamplesPsStrMbms256RlcUserThp	ACCUMULATION	INTEGER	Number of samples in pmSumPsStrMbms256RlcUserThp (that is, pmSamplesPsStrMbms256RlcUserThp = pmSamplesPsStrMbms256RlcUserThp + 1, whenever pmSumPsStrMbms256RlcUserThp is to be updated).	ME_RNC_UtranCell_MbmsCch.pmSamplesPsStrMbms256RlcUserThp	Sum	ecttbb, Sum

			ms256RlcUserThp +1, whenever mSumPsStrMbms256RlcUserThp is to be updated).		
pmSamplesPsStrMbms64RlcUserThp	ACCUMULATION	INTEGER	Number of samples in pmSumPsStrMbms64RlcUserThp (that is, pmSamplesPsStrMbms64RlcUserThp = pmSamplesPsStrMbms64RlcUserThp +1, whenever pmSumPsStrMbms64RlcUserThp is to be updated).	ME_RNC_UtranCell_MbmsCch.pmSamplesPsStrMbms64RlcUserThp	Sum ecttbh, Sum
pmSumMbmsTraffic	ACCUMULATION	INTEGER	Sum of all sample values recorded within the ROP period for -MBMS traffic intensity-.	ME_RNC_UtranCell_MbmsCch.pmSumMbmsTraffic	Sum ecttbh, Sum
pmSumPsStrMbms128RlcUserThp	ACCUMULATION	INTEGER	Aggregate of Streaming PS MBMS 129.6 RLC throughput measurements (that is, incremented by the measured Streaming PS MBMS 129.6 RLC throughput amount, including user data Medium	ME_RNC_UtranCell_MbmsCch.pmSumPsStrMbms128RlcUserThp	Sum ecttbh, Sum

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			Access Control (MAC) and Radio Link Control (RLC) header information.			
pmSumPsStrMbms 256RlcUserThp	ACCUM ULATIO N	INT EGE R	Aggregate of Streaming PS MBMS 259.2 RLC throughput measurements (that is, incremented by the measured Streaming PS MBMS 259.2 RLC throughput amount, including user data Medium Access Control (MAC) and Radio Link Control (RLC) header information.	ME_RNC_UtranCell_MbmsCch.pmSumPsStrMbm s256RlcUserThp	Sum	ecttbh , Sum
pmSumPsStrMbms 64RlcUserThp	ACCUM ULATIO N	INT EGE R	Aggregate of Streaming PS MBMS 64.8 RLC throughput measurements (that is, incremented by the measured Streaming PS MBMS 64.8 RLC throughput amount, including user data, Medium Access Control (MAC) and Radio Link Control (RLC) header information.	ME_RNC_UtranCell_MbmsCch.pmSumPsStrMbm s64RlcUserThp	Sum	ecttbh , Sum

7.13.31Cell.Ericsson.UMTS.NAS_signalling

NAS signalling statistics

KPI	Type	Data Type	Description	Derivation	Default Aggregator	Other Aggregators
pmNoNormalNasSignReleaseCs	ACCUMULATION	INTEGER	Number of successful normal releases of the NAS signalling sequence at call setup towards a CS CN from the originating states Idle, URA_PCH, CELL_FACH, CELL_DCH and URA_PCH/CELL_F	ManagedElement_RncFunction_UtranCell.pmNoNormalNasSignReleaseCs	Sum	ecttbb, Sum

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			ACH.			
pmNoNormalNasSignReleasePs	ACCUMULATION	INTEGER	Number of successful normal releases of the NAS signalling sequence at call setup towards a PS CN from the originating states Idle, URA_PCH, CELL_FACH, CELL_DCH and URA_PCH/CELL_FACH.	ManagedElement_RncFunction_UtranCell.pmNoNormalNasSignReleasePs	Sum	ecttbh, Sum
pmNoSystemNasSignReleaseCs	ACCUMULATION	INTEGER	Number of system releases of the NAS signalling sequence at	ManagedElement_RncFunction_UtranCell.pmNoSystemNasSignReleaseCs	Sum	ecttbh, Sum

			call setup towards a CS CN from the originating states Idle, URA_PCH, CELL_FACH, CELL_DCH and URA_PCH/CELL_FACH.			
pmNoSystemNasSignReleasePs	ACCUMULATION	INTEGER	Number of system releases of the NAS signalling sequence at call setup towards a PS CN from the originat	ManagedElement_RncFunction_UtranCell.pmNoSystemNasSignReleasePs	Sum	ecttbh, Sum

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			ing states Idle, URA_ PCH, CELL_ FACH, CELL_ DCH and URA_ PCH/C ELL_F ACH.		
--	--	--	---	--	--

7.13.32Cell.Ericsson.UMTS.paging_counters

UTRAN paging statistics.

KPI	Type	Data Type	Description	Derivation	Default Aggregator	Other Aggregators
pmnopagingattemptcninitdch	ACCUMULATION	INT8	Number of CN-initiated pages sent on DCCH to connected mode Ues.	ManagedElement_RncFunction_UtranCell.pmNoPagingAttemptCnInitDch	Sum	ecttbh, Sum
pmnopagingattemptutranrejected	ACCUMULATION	INT8	Number of page requests rejected by UTRAN.	ManagedElement_RncFunction_UtranCell.pmNoPagingAttemptUtranRejected	Sum	ecttbh, Sum
pmNoPagingType1Attempt	ACCUMULATION	INTEGER	Counting the number of page type 1 attempts	ManagedElement_RncFunction_UtranCell.pmNoPagingType1Attempt	Sum	ecttbh, Sum

			to idle UEs in a cell (excluding retransmissions).			
pmNoPagingType1 AttemptCs	ACCUMULATION	INTEGER	Number of Paging Type 1 messages routed to a cell for transmission with cause -Terminating Conversational Call- (excluding retransmissions).	ManagedElement_RncFunction_UtranCell.pmNoPagingType1AttemptCs	Sum	ecttbh, Sum
pmNoPagingType1 AttemptPs	ACCUMULATION	INTEGER	Counting the number of page type 1 attempts with cause -Terminating Interactive Call- or -Terminating Backgrou	ManagedElement_RncFunction_UtranCell.pmNoPagingType1AttemptPs	Sum	ecttbh, Sum

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			nd Call-to idle UEs in a cell (excluding retransmissions).		
--	--	--	--	--	--

7.13.33Cell.Ericsson.UMTS.PDF_pmDchDIRlcUserPacketThp

pmDchDIRlcUserPacketThp PDF counters

KPI	Type	Data Type	Description	Derivation	Default Aggregator	Other Aggregators
pmDchDIRlcUserPacketThp_0	ACCUMULATION	INTEGER	Number of times that the DL user RLC throughput for PS Interactive on R99 DCH has been within a defined range during the ROP. The user RLC throughput includes user data but excludes retransmissions, padding bits, data PDU headers	ManagedElement_RncFunction_UtranCell.pmDchDIRlcUserPacketThp_0	Sum	

			and RLC control PDUs.			
pmDchDIRlcUserPacketThp_10	ACCUMULATION	INTEGER	Number of times that the DL user RLC throughput for PS Interactive on R99 DCH has been within a defined range during the ROP. The user RLC throughput includes user data but excludes retransmissions, padding bits, data PDU headers and RLC control PDUs.	ManagedElement_RncFunction_UtranCell.pmDchDIRlcUserPacketThp_10	Sum	
pmDchDIRlcUserPacketThp_11	ACCUMULATION	INTEGER	Number of times that the DL user RLC throughput	ManagedElement_RncFunction_UtranCell.pmDchDIRlcUserPacketThp_11	Sum	

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			t for PS Interactive on R99 DCH has been within a defined range during the ROP. The user RLC throughput includes user data but excludes retransmissions, padding bits, data PDU headers and RLC control PDUs.			
pmDchDIRlcUserPacketThp_12	ACCUMULATION	INTEGER	Number of times that the DL user RLC throughput for PS Interactive on R99 DCH has been within a defined range during the ROP. The user RLC throughput includes user data	ManagedElement_RncFunction_UtranCell.pmDchDIRlcUserPacketThp_12	Sum	

			but excludes retransmissions, padding bits, data PDU headers and RLC control PDUs.			
pmDchDIRlcUserPacketThp_13	ACCUMULATION	INTEGER	Number of times that the DL user RLC throughput for PS Interactive on R99 DCH has been within a defined range during the ROP. The user RLC throughput includes user data but excludes retransmissions, padding bits, data PDU headers and RLC	ManagedElement_RncFunction_UtranCell.pmDchDIRlcUserPacketThp_13	Sum	

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			control PDUs.			
pmDchDIRlcUserPacketThp_14	ACCUMULATION	INTEGER	Number of times that the DL user RLC throughput for PS Interactive on R99 DCH has been within a defined range during the ROP. The user RLC throughput includes user data but excludes retransmissions, padding bits, data PDU headers and RLC control PDUs.	ManagedElement_RncFunction_UtranCell.pmDchDIRlcUserPacketThp_14	Sum	
pmDchDIRlcUserPacketThp_15	ACCUMULATION	INTEGER	Number of times that the DL user RLC throughput for PS Interactive on R99 DCH has been within a	ManagedElement_RncFunction_UtranCell.pmDchDIRlcUserPacketThp_15	Sum	

			defined range during the ROP. The user RLC throughput includes user data but excludes retransmissions, padding bits, data PDU headers and RLC control PDUs.			
pmDchDIRlcUserPacketThp_16	ACCUMULATION	INTEGER	Number of times that the DL user RLC throughput for PS Interactive on R99 DCH has been within a defined range during the ROP. The user RLC throughput includes user data but	ManagedElement_RncFunction_UtranCell.pmDchDIRlcUserPacketThp_16	Sum	

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			excludes retransmissions, padding bits, data PDU headers and RLC control PDUs.			
pmDchDIRlcUserPacketThp_17	ACCUMULATION	INTEGER	Number of times that the DL user RLC throughput for PS Interactive on R99 DCH has been within a defined range during the ROP. The user RLC throughput includes user data but excludes retransmissions, padding bits, data PDU headers and RLC control PDUs.	ManagedElement_RncFunction_UtranCell.pmDchDIRlcUserPacketThp_17	Sum	
pmDchDIRlcUserPacketThp_18	ACCUMULATION	INTEGER	Number of times that the DL user	ManagedElement_RncFunction_UtranCell.pmDchDIRlcUserPacketThp_18	Sum	

			RLC throughput for PS Interactive on R99 DCH has been within a defined range during the ROP. The user RLC throughput includes user data but excludes retransmissions, padding bits, data PDU headers and RLC control PDUs.		
pmDchDIRlcUserPacketThp_19	ACCUMULATION	INTEGER	Number of times that the DL user RLC throughput for PS Interactive on R99 DCH has been within a defined	ManagedElement_RncFunction_UtranCell.pmDchDIRlcUserPacketThp_19	Sum

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			range during the ROP. The user RLC throughput includes user data but excludes retransmissions, padding bits, data PDU headers and RLC control PDUs.			
pmDchDIRlcUserPacketThp_1	ACCUMULATION	INTEGER	Number of times that the DL user RLC throughput for PS Interactive on R99 DCH has been within a defined range during the ROP. The user RLC throughput includes user data but excludes retransmissions, padding bits, data PDU	ManagedElement_RncFunction_UtranCell.pmDchDIRlcUserPacketThp_1	Sum	

			headers and RLC control PDUs.			
pmDchDIRlcUserPacketThp_2	ACCUMULATION	INTEGER	Number of times that the DL user RLC throughput for PS Interactive on R99 DCH has been within a defined range during the ROP. The user RLC throughput includes user data but excludes retransmissions, padding bits, data PDU headers and RLC control PDUs.	ManagedElement_RncFunction_UtranCell.pmDchDIRlcUserPacketThp_2	Sum	
pmDchDIRlcUserPacketThp_3	ACCUMULATION	INTEGER	Number of times that the DL user RLC	ManagedElement_RncFunction_UtranCell.pmDchDIRlcUserPacketThp_3	Sum	

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			throughput for PS Interactive on R99 DCH has been within a defined range during the ROP. The user RLC throughput includes user data but excludes retransmissions, padding bits, data PDU headers and RLC control PDUs.		
pmDchDIRlcUserPacketThp_4	ACCUMULATION	INTEGER	Number of times that the DL user RLC throughput for PS Interactive on R99 DCH has been within a defined range during the ROP. The user RLC throughput includes	ManagedElement_RncFunction_UtranCell.pmDchDIRlcUserPacketThp_4	Sum

			user data but excludes retransmissions, padding bits, data PDU headers and RLC control PDUs.			
pmDchDIRlcUserPacketThp_5	ACCUMULATION	INTEGER	Number of times that the DL user RLC throughput for PS Interactive on R99 DCH has been within a defined range during the ROP. The user RLC throughput includes user data but excludes retransmissions, padding bits, data PDU headers	ManagedElement_RncFunction_UtranCell.pmDchDIRlcUserPacketThp_5	Sum	

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			and RLC control PDUs.			
pmDchDIRlcUserPacketThp_6	ACCUMULATION	INTEGER	Number of times that the DL user RLC throughput for PS Interactive on R99 DCH has been within a defined range during the ROP. The user RLC throughput includes user data but excludes retransmissions, padding bits, data PDU headers and RLC control PDUs.	ManagedElement_RncFunction_UtranCell.pmDchDIRlcUserPacketThp_6	Sum	
pmDchDIRlcUserPacketThp_7	ACCUMULATION	INTEGER	Number of times that the DL user RLC throughput for PS Interactive on R99 DCH has been	ManagedElement_RncFunction_UtranCell.pmDchDIRlcUserPacketThp_7	Sum	

			within a defined range during the ROP. The user RLC throughput includes user data but excludes retransmissions, padding bits, data PDU headers and RLC control PDUs.			
pmDchDIRlcUserPacketThp_8	ACCUMULATION	INTEGER	Number of times that the DL user RLC throughput for PS Interactive on R99 DCH has been within a defined range during the ROP. The user RLC throughput includes user data	ManagedElement_RncFunction_UtranCell.pmDchDIRlcUserPacketThp_8	Sum	

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			but excludes retransmissions, padding bits, data PDU headers and RLC control PDUs.		
pmDchDIRlcUserPacketThp_9	ACCUMULATION	INTEGER	Number of times that the DL user RLC throughput for PS Interactive on R99 DCH has been within a defined range during the ROP. The user RLC throughput includes user data but excludes retransmissions, padding bits, data PDU headers and RLC control PDUs.	ManagedElement_RncFunction_UtranCell.pmDchDIRlcUserPacketThp_9	Sum

7.13.34Cell.Ericsson.UMTS.PDF_pmDchUIRlcUserPacketThp

pmDchUIRlcUserPacketThp PDF counters

KPI	Type	Data Type	Description	Derivation	Default Aggregator	Other Aggregators
pmDchUIRlcUserPacketThp_0	ACCUMULATION	INTEGER	Number of times that the UL user RLC throughput for PS Interactive on R99 DCH has been within a defined range during the ROP. The user RLC throughput includes user data but excludes retransmissions, padding bits, data PDU headers and RLC control PDUs.	ManagedElement_RncFunction_UtranCell.pmDchUIRlcUserPacketThp_0	Sum	
pmDchUIRlcUserPacketThp_10	ACCUMULATION	INTEGER	Number of times	ManagedElement_RncFunction_UtranCell.pmDchUI	Sum	

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			that the UL user RLC throughput for PS Interactive on R99 DCH has been within a defined range during the ROP. The user RLC throughput includes user data but excludes retransmissions, padding bits, data PDU headers and RLC control PDUs.	RlcUserPacketThp_10		
pmDchUIRlcUserPacketThp_11	ACCUMULATION	INTEGER	Number of times that the UL user RLC throughput for PS Interactive on R99 DCH has been within a defined range during the ROP. The	ManagedElement_RncFunction_UtranCell.pmDchUIRlcUserPacketThp_11	Sum	

			user RLC throughput includes user data but excludes retransmissions, padding bits, data PDU headers and RLC control PDUs.		
pmDchUIRlcUserPacketThp_12	ACCUMULATION	INTEGER	Number of times that the UL user RLC throughput for PS Interactive on R99 DCH has been within a defined range during the ROP. The user RLC throughput includes user data but excludes retransmissions, padding	ManagedElement_RncFunction_UtranCell.pmDchUIRlcUserPacketThp_12	Sum

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			bits, data PDU headers and RLC control PDUs.			
pmDchUIRlcUserPacketThp_13	ACCUMULATION	INTEGER	Number of times that the UL user RLC throughput for PS Interactive on R99 DCH has been within a defined range during the ROP. The user RLC throughput includes user data but excludes retransmissions, padding bits, data PDU headers and RLC control PDUs.	ManagedElement_RncFunction_UtranCell.pmDchUIRlcUserPacketThp_13	Sum	
pmDchUIRlcUserPacketThp_14	ACCUMULATION	INTEGER	Number of times that the UL user RLC throughput for PS Interactive	ManagedElement_RncFunction_UtranCell.pmDchUIRlcUserPacketThp_14	Sum	

			<p>e on R99 DCH has been within a defined range during the ROP. The user RLC throughput includes user data but excludes retransmissions, padding bits, data PDU headers and RLC control PDUs.</p>			
pmDchUIRlcUserPacketThp_15	ACCUMULATION	INTEGER	<p>Number of times that the UL user RLC throughput for PS Interactive on R99 DCH has been within a defined range during the ROP. The user RLC</p>	ManagedElement_RncFunction_UtranCell.pmDchUIRlcUserPacketThp_15	Sum	

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			throughput includes user data but excludes retransmissions, padding bits, data PDU headers and RLC control PDUs.		
pmDchUIRlcUserPacketThp_16	ACCUMULATION	INTEGER	Number of times that the UL user RLC throughput for PS Interactive on R99 DCH has been within a defined range during the ROP. The user RLC throughput includes user data but excludes retransmissions, padding bits, data PDU headers and RLC control PDUs.	ManagedElement_RncFunction_UtranCell.pmDchUIRlcUserPacketThp_16	Sum

pmDchUIRlcUserPacketThp_17	ACCUMULATION	INTEGER	Number of times that the UL user RLC throughput for PS Interactive on R99 DCH has been within a defined range during the ROP. The user RLC throughput includes user data but excludes retransmissions, padding bits, data PDU headers and RLC control PDUs.	ManagedElement_RncFunction_UtranCell.pmDchUIRlcUserPacketThp_17	Sum	
pmDchUIRlcUserPacketThp_18	ACCUMULATION	INTEGER	Number of times that the UL user RLC throughput for PS Interactive on R99	ManagedElement_RncFunction_UtranCell.pmDchUIRlcUserPacketThp_18	Sum	

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			DCH has been within a defined range during the ROP. The user RLC throughput includes user data but excludes retransmissions, padding bits, data PDU headers and RLC control PDUs.		
pmDchUIRlcUserPacketThp_19	ACCUMULATION	INTEGER	Number of times that the UL user RLC throughput for PS Interactive on R99 DCH has been within a defined range during the ROP. The user RLC throughput includes user data but excludes retransmissions, padding bits, data PDU headers and RLC control PDUs.	ManagedElement_RncFunction_UtranCell.pmDchUIRlcUserPacketThp_19	Sum

			sions, padding bits, data PDU headers and RLC control PDUs.			
pmDchUIRlcUserP acketThp_1	ACCUMUL ATION	INTE GER	Number of times that the UL user RLC throughpu t for PS Interactiv e on R99 DCH has been within a defined range during the ROP. The user RLC throughpu t includes user data but excludes retransmis sions, padding bits, data PDU headers and RLC control PDUs.	ManagedElement_RncFun ction_UtranCell.pmDchUl RlcUserPacketThp_1	Sum	
pmDchUIRlcUserP	ACCUMUL	INTE	Number	ManagedElement_RncFun	Sum	

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packetThp_2	ACTION	INTEGER	of times that the UL user RLC throughput for PS Interactive on R99 DCH has been within a defined range during the ROP. The user RLC throughput includes user data but excludes retransmissions, padding bits, data PDU headers and RLC control PDUs.	ManagedElement_RncFunction_UtranCell.pmDchUlrUserPacketThp_2		
pmDchUlrUserPacketThp_3	ACCUMULATION	INTEGER	Number of times that the UL user RLC throughput for PS Interactive on R99 DCH has been within a defined range during the	ManagedElement_RncFunction_UtranCell.pmDchUlrUserPacketThp_3	Sum	

			ROP. The user RLC throughput includes user data but excludes retransmissions, padding bits, data PDU headers and RLC control PDUs.			
pmDchUIRlcUserPacketThp_4	ACCUMULATION	INTEGER	Number of times that the UL user RLC throughput for PS Interactive on R99 DCH has been within a defined range during the ROP. The user RLC throughput includes user data but excludes retransmissions,	ManagedElement_RncFunction_UtranCell.pmDchUIRlcUserPacketThp_4	Sum	

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			padding bits, data PDU headers and RLC control PDUs.			
pmDchUIRlcUserPacketThp_5	ACCUMULATION	INTEGER	Number of times that the UL user RLC throughput for PS Interactive on R99 DCH has been within a defined range during the ROP. The user RLC throughput includes user data but excludes retransmissions, padding bits, data PDU headers and RLC control PDUs.	ManagedElement_RncFunction_UtranCell.pmDchUIRlcUserPacketThp_5	Sum	
pmDchUIRlcUserPacketThp_6	ACCUMULATION	INTEGER	Number of times that the UL user RLC throughput for PS	ManagedElement_RncFunction_UtranCell.pmDchUIRlcUserPacketThp_6	Sum	

			Interactive on R99 DCH has been within a defined range during the ROP. The user RLC throughput includes user data but excludes retransmissions, padding bits, data PDU headers and RLC control PDUs.			
pmDchUIRlcUserPacketThp_7	ACCUMULATION	INTEGER	Number of times that the UL user RLC throughput for PS Interactive on R99 DCH has been within a defined range during the ROP. The	ManagedElement_RncFunction_UtranCell.pmDchUIRlcUserPacketThp_7	Sum	

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			user RLC throughput includes user data but excludes retransmissions, padding bits, data PDU headers and RLC control PDUs.		
pmDchUIRlcUserPacketThp_8	ACCUMULATION	INTEGER	Number of times that the UL user RLC throughput for PS Interactive on R99 DCH has been within a defined range during the ROP. The user RLC throughput includes user data but excludes retransmissions, padding bits, data PDU headers and RLC control	ManagedElement_RncFunction_UtranCell.pmDchUIRlcUserPacketThp_8	Sum

			PDU's.			
pmDchUlRlcUserPacketThp_9	ACCUMULATION	INTEGER	Number of times that the UL user RLC throughput for PS Interactive on R99 DCH has been within a defined range during the ROP. The user RLC throughput includes user data but excludes retransmissions, padding bits, data PDU headers and RLC control PDU's.	ManagedElement_RncFunction_UtranCell.pmDchUlRlcUserPacketThp_9	Sum	

7.13.35Cell.Ericsson.UMTS.PDF_pmEulHarqTransmTti10PsRabs

pmEulHarqTransmTti10PsRabs PDF counters

KPI	Type	Data Type	Description	Derivation	Default Aggre	Other Aggregators
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					gator	
pmEulHarqTransmTti10PsRabs_1	ACCUMULATION	INTEGER	Number of HARQ transmissions attempted for the PS RBs with TTI = 10 ms.	ManagedElement_RncFunction_UtranCell.pmEulHarqTransmTti10PsRabs_1	Sum	
pmEulHarqTransmTti10PsRabs_2	ACCUMULATION	INTEGER	Number of HARQ transmissions attempted for the PS RBs with TTI = 10 ms.	ManagedElement_RncFunction_UtranCell.pmEulHarqTransmTti10PsRabs_2	Sum	
pmEulHarqTransmTti10PsRabs_3	ACCUMULATION	INTEGER	Number of HARQ transmissions attempted for the PS RBs with TTI = 10 ms.	ManagedElement_RncFunction_UtranCell.pmEulHarqTransmTti10PsRabs_3	Sum	
pmEulHarqTransmTti10PsRabs_4	ACCUMULATION	INTEGER	Number of HARQ transmissions attempted	ManagedElement_RncFunction_UtranCell.pmEulHarqTransmTti10PsRabs_4	Sum	

			ed for the PS RBs with TTI = 10 ms.			
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7.13.36Cell.Ericsson.UMTS.PDF_pmEulHarqTransmTti10Srb

pmEulHarqTransmTti10Srb PDF counters

KPI	Type	Data Type	Description	Derivation	Default Aggregator	Other Aggregators
pmEulHarqTransmTti10Srb_1	ACCUMULATION	INTEGER	Number of HARQ transmissions attempted for the SRBs with TTI = 10 ms.	ManagedElement_RncFunction_UtranCell.pmEulHarqTransmTti10Srb_1	Sum	
pmEulHarqTransmTti10Srb_2	ACCUMULATION	INTEGER	Number of HARQ transmissions attempted for the SRBs with TTI = 10 ms.	ManagedElement_RncFunction_UtranCell.pmEulHarqTransmTti10Srb_2	Sum	
pmEulHarqTransmTti10Srb_3	ACCUMULATION	INTEGER	Number of HARQ transmissions	ManagedElement_RncFunction_UtranCell.pmEulHarqTransmTti10Srb_3	Sum	

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			attempted for the SRBs with TTI = 10 ms.			
pmEulHarqTransmTti10Srb_4	ACCUMULATION	INTEGER	Number of HARQ transmissions attempted for the SRBs with TTI = 10 ms.	ManagedElement_RncFunction_UtranCell.pmEulHarqTransmTti10Srb_4	Sum	

7.13.37Cell.Ericsson.UMTS.PDF_pmEulHarqTransmTti2PsRabs

pmEulHarqTransmTti2PsRabs PDF counters

KPI	Type	Data Type	Description	Derivation	Default Aggregator	Other Aggregators
pmEulHarqTransmTti2PsRabs_1	ACCUMULATION	INTEGER	Number of HARQ transmissions attempted for the PS Interactive RB with TTI = 2 ms.	ManagedElement_RncFunction_UtranCell.pmEulHarqTransmTti2PsRabs_1	Sum	
pmEulHarqTransmTti2PsRabs_2	ACCUMULATION	INTEGER	Number of HARQ transmissions attempted for the	ManagedElement_RncFunction_UtranCell.pmEulHarqTransmTti2PsRabs_2	Sum	

			PS Interacti ve RB with TTI = 2 ms.			
pmEulHarqTransmT ti2PsRabs_3	ACCUMUL ATION	INTE GER	Number of HARQ transmis sions attempte d for the PS Interacti ve RB with TTI = 2 ms.	ManagedElement_RncFunc tion_UtranCell.pmEulHarq TransmTti2PsRabs_3	Sum	
pmEulHarqTransmT ti2PsRabs_4	ACCUMUL ATION	INTE GER	Number of HARQ transmis sions attempte d for the PS Interacti ve RB with TTI = 2 ms.	ManagedElement_RncFunc tion_UtranCell.pmEulHarq TransmTti2PsRabs_4	Sum	

7.13.38Cell.Ericsson.UMTS.PDF_pmEulHarqTransmTti2Srb

pmEulHarqTransmTti2Srb PDF counters

KPI	Type	Data Type	Description	Derivation	Default Aggreg	Other Aggrega
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					ator	tors
pmEulHarqTransmTti2Srb_1	ACCUMULATION	INTEGER	Number of HARQ transmissions attempted for the SRBs with TTI = 2 ms.	ManagedElement_RncFunction_UtranCell.pmEulHarqTransmTti2Srb_1	Sum	
pmEulHarqTransmTti2Srb_2	ACCUMULATION	INTEGER	Number of HARQ transmissions attempted for the SRBs with TTI = 2 ms.	ManagedElement_RncFunction_UtranCell.pmEulHarqTransmTti2Srb_2	Sum	
pmEulHarqTransmTti2Srb_3	ACCUMULATION	INTEGER	Number of HARQ transmissions attempted for the SRBs with TTI = 2 ms.	ManagedElement_RncFunction_UtranCell.pmEulHarqTransmTti2Srb_3	Sum	
pmEulHarqTransmTti2Srb_4	ACCUMULATION	INTEGER	Number of HARQ transmissions attempted for the SRBs with TTI = 2 ms.	ManagedElement_RncFunction_UtranCell.pmEulHarqTransmTti2Srb_4	Sum	

7.13.39Cell.Ericsson.UMTS.PDF_pmEulRlcUserPacketThp

pmEulRlcUserPacketThp PDF counters

KPI	Type	Data Type	Description	Derivation	Default Aggregator	Other Aggregators
pmEulRlcUserPacketThp_0	ACCUMULATION	INTEGER	Number of times that the EUL user RLC throughput has been within a defined range during the ROP. The user RLC throughput includes user data but excludes retransmissions.	ManagedElement_Rn cFunction_UtranCell_Hdsch_Eul.pmEulRlcUserPacketThp_0	Sum	
pmEulRlcUserPacketThp_10	ACCUMULATION	INTEGER	Number of times that the EUL user RLC throughput has been within a defined range during the ROP. The user RLC throughput includes user data	ManagedElement_Rn cFunction_UtranCell_Hdsch_Eul.pmEulRlcUserPacketThp_10	Sum	

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			but excludes retransmissions.			
pmEulRlcUserPacketThp_11	ACCUMULATION	INTEGER	Number of times that the EUL user RLC throughput has been within a defined range during the ROP. The user RLC throughput includes user data but excludes retransmissions.	ManagedElement_RncFunction_UtranCell_Hdsch_Eul.pmEulRlcUserPacketThp_11	Sum	
pmEulRlcUserPacketThp_12	ACCUMULATION	INTEGER	Number of times that the EUL user RLC throughput has been within a defined range during the ROP. The user RLC throughput includes user data but excludes retransmissions.	ManagedElement_RncFunction_UtranCell_Hdsch_Eul.pmEulRlcUserPacketThp_12	Sum	
pmEulRlcUserPacketThp_13	ACCUMULATION	INTEGER	Number of times that	ManagedElement_RncFunction_UtranCell_	Sum	

			the EUL user RLC throughput has been within a defined range during the ROP. The user RLC throughput includes user data but excludes retransmissions.	HsdSCH_Eul.pmEulRlcUserPacketThp_13		
pmEulRlcUserPacketThp_14	ACCUMULATION	INTEGER	Number of times that the EUL user RLC throughput has been within a defined range during the ROP. The user RLC throughput includes user data but excludes retransmissions.	ManagedElement_RncFunction_UtranCell_HsdSCH_Eul.pmEulRlcUserPacketThp_14	Sum	
pmEulRlcUserPacketThp_15	ACCUMULATION	INTEGER	Number of times that the EUL user RLC	ManagedElement_RncFunction_UtranCell_HsdSCH_Eul.pmEulRlcUserPacketThp_15	Sum	

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			throughput has been within a defined range during the ROP. The user RLC throughput includes user data but excludes retransmissions.			
pmEulRlcUserPacketThp_16	ACCUMULATION	INTEGER	Number of times that the EUL user RLC throughput has been within a defined range during the ROP. The user RLC throughput includes user data but excludes retransmissions.	ManagedElement_RncFunction_UtranCell_Hdsch_Eul.pmEulRlcUserPacketThp_16	Sum	
pmEulRlcUserPacketThp_17	ACCUMULATION	INTEGER	Number of times that the EUL user RLC throughput has been within a defined range during the ROP. The	ManagedElement_RncFunction_UtranCell_Hdsch_Eul.pmEulRlcUserPacketThp_17	Sum	

			user RLC throughput includes user data but excludes retransmissions.			
pmEulRlcUserPacketThp_18	ACCUMULATION	INTEGER	Number of times that the EUL user RLC throughput has been within a defined range during the ROP. The user RLC throughput includes user data but excludes retransmissions.	ManagedElement_RncFunction_UtranCell_Hdsch_Eul.pmEulRlcUserPacketThp_18	Sum	
pmEulRlcUserPacketThp_19	ACCUMULATION	INTEGER	Number of times that the EUL user RLC throughput has been within a defined range during the ROP. The user RLC throughput	ManagedElement_RncFunction_UtranCell_Hdsch_Eul.pmEulRlcUserPacketThp_19	Sum	

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			includes user data but excludes retransmissions.			
pmEulRlcUserPacketThp_1	ACCUMULATION	INTEGER	Number of times that the EUL user RLC throughput has been within a defined range during the ROP. The user RLC throughput includes user data but excludes retransmissions.	ManagedElement_RncFunction_UtranCell_Hsdsc_Eul.pmEulRlcUserPacketThp_1	Sum	
pmEulRlcUserPacketThp_20	ACCUMULATION	INTEGER	Number of times that the EUL user RLC throughput has been within a defined range during the ROP. The user RLC throughput includes user data but excludes retransmissions.	ManagedElement_RncFunction_UtranCell_Hsdsc_Eul.pmEulRlcUserPacketThp_20	Sum	

pmEulRlcUserPacketThp_21	ACCUMULATION	INTEGER	Number of times that the EUL user RLC throughput has been within a defined range during the ROP. The user RLC throughput includes user data but excludes retransmissions.	ManagedElement_RncFunction_UtranCell_Hsdsc_Eul.pmEulRlcUserPacketThp_21	Sum	
pmEulRlcUserPacketThp_22	ACCUMULATION	INTEGER	Number of times that the EUL user RLC throughput has been within a defined range during the ROP. The user RLC throughput includes user data but excludes retransmissions.	ManagedElement_RncFunction_UtranCell_Hsdsc_Eul.pmEulRlcUserPacketThp_22	Sum	
pmEulRlcUserPacketThp_23	ACCUMULATION	INTEGER	Number of times that	ManagedElement_RncFunction_UtranCell_	Sum	

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			the EUL user RLC throughput has been within a defined range during the ROP. The user RLC throughput includes user data but excludes retransmissions.	Hdsch_Eul.pmEulRlcUserPacketThp_23		
pmEulRlcUserPacketThp_24	ACCUMULATION	INTEGER	Number of times that the EUL user RLC throughput has been within a defined range during the ROP. The user RLC throughput includes user data but excludes retransmissions.	ManagedElement_RncFunction_UtranCell_Hdsch_Eul.pmEulRlcUserPacketThp_24	Sum	
pmEulRlcUserPacketThp_25	ACCUMULATION	INTEGER	Number of times that the EUL user RLC throughput has been within a defined range	ManagedElement_RncFunction_UtranCell_Hdsch_Eul.pmEulRlcUserPacketThp_25	Sum	

			during the ROP. The user RLC throughput includes user data but excludes retransmissions.			
pmEulRlcUserPacketThp_2	ACCUMULATION	INTEGER	Number of times that the EUL user RLC throughput has been within a defined range during the ROP. The user RLC throughput includes user data but excludes retransmissions.	ManagedElement_RncFunction_UtranCell_Hdsch_Eul.pmEulRlcUserPacketThp_2	Sum	
pmEulRlcUserPacketThp_3	ACCUMULATION	INTEGER	Number of times that the EUL user RLC throughput has been within a defined range during the ROP. The	ManagedElement_RncFunction_UtranCell_Hdsch_Eul.pmEulRlcUserPacketThp_3	Sum	

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			user RLC throughput includes user data but excludes retransmissions.			
pmEulRlcUserPacketThp_4	ACCUMULATION	INTEGER	Number of times that the EUL user RLC throughput has been within a defined range during the ROP. The user RLC throughput includes user data but excludes retransmissions.	ManagedElement_RncFunction_UtranCell_Hdsch_Eul.pmEulRlcUserPacketThp_4	Sum	
pmEulRlcUserPacketThp_5	ACCUMULATION	INTEGER	Number of times that the EUL user RLC throughput has been within a defined range during the ROP. The user RLC throughput includes user data but excludes retransmissions.	ManagedElement_RncFunction_UtranCell_Hdsch_Eul.pmEulRlcUserPacketThp_5	Sum	

			ions.			
pmEulRlcUserPacketThp_6	ACCUMULATION	INTEGER	Number of times that the EUL user RLC throughput has been within a defined range during the ROP. The user RLC throughput includes user data but excludes retransmissions.	ManagedElement_RncFunction_UtranCell_Hsdsc_Eul.pmEulRlcUserPacketThp_6	Sum	
pmEulRlcUserPacketThp_7	ACCUMULATION	INTEGER	Number of times that the EUL user RLC throughput has been within a defined range during the ROP. The user RLC throughput includes user data but excludes retransmissions.	ManagedElement_RncFunction_UtranCell_Hsdsc_Eul.pmEulRlcUserPacketThp_7	Sum	

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pmEulRlcUserPacketThp_8	ACCUMULATION	INTEGER	Number of times that the EUL user RLC throughput has been within a defined range during the ROP. The user RLC throughput includes user data but excludes retransmissions.	ManagedElement_RncFunction_UtranCell_Hdsch_Eul.pmEulRlcUserPacketThp_8	Sum	
pmEulRlcUserPacketThp_9	ACCUMULATION	INTEGER	Number of times that the EUL user RLC throughput has been within a defined range during the ROP. The user RLC throughput includes user data but excludes retransmissions.	ManagedElement_RncFunction_UtranCell_Hdsch_Eul.pmEulRlcUserPacketThp_9	Sum	

7.13.40Cell.Ericsson.UMTS.PDF_pmHsDIRlcUserPacketThp

pmHsDIRlcUserPacketThp PDF counters

KPI	Type	Data Type	Description	Derivation	Default Aggreg	Other Aggrega
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					ator	tors
pmHsDIRlcUserPacketThp_0	ACCUMULATION	INTEGER	Number of times that the HS-DSCH DL user RLC throughput has been within a defined range during the ROP. The user RLC throughput includes user data but excludes retransmissions.	ManagedElement_RncFunction_UtranCell_Hsdscch.pmHsDIRlcUserPacketThp_0	Sum	
pmHsDIRlcUserPacketThp_10	ACCUMULATION	INTEGER	Number of times that the HS-DSCH DL user RLC throughput has been within a defined range during the ROP. The user RLC throughput includes user data but excludes retransmissions.	ManagedElement_RncFunction_UtranCell_Hsdscch.pmHsDIRlcUserPacketThp_10	Sum	

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			sions.			
pmHsDIRlcUserPacketThp_11	ACCUMULATION	INTEGER	Number of times that the HS-DSCH DL user RLC throughput has been within a defined range during the ROP. The user RLC throughput includes user data but excludes retransmissions.	ManagedElement_RncFunction_UtranCell_Hsdsch.pmHsDIRlcUserPacketThp_11	Sum	
pmHsDIRlcUserPacketThp_12	ACCUMULATION	INTEGER	Number of times that the HS-DSCH DL user RLC throughput has been within a defined range during the ROP. The user RLC throughput includes user data but excludes retransmissions.	ManagedElement_RncFunction_UtranCell_Hsdsch.pmHsDIRlcUserPacketThp_12	Sum	
pmHsDIRlcUserPacketThp_13	ACCUMULATION	INTEGER	Number of times that the HS-	ManagedElement_RncFunction_UtranCell_Hsdsch.pmHsDIRlcUserPack	Sum	

			DSCH DL user RLC throughput has been within a defined range during the ROP. The user RLC throughput includes user data but excludes retransmissions.	etThp_13		
pmHsDIRlcUserPacketThp_14	ACCUMULATION	INTEGER	Number of times that the HS-DSCH DL user RLC throughput has been within a defined range during the ROP. The user RLC throughput includes user data but excludes retransmissions.	ManagedElement_RncFunction_UtranCell_Hsdsch.pmHsDIRlcUserPacketThp_14	Sum	
pmHsDIRlcUserPacketThp_15	ACCUMULATION	INTEGER	Number of times that the HS-	ManagedElement_RncFunction_UtranCell_Hsdsch.pmHsDIRlcUserPack	Sum	

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			DSCH DL user RLC throughput has been within a defined range during the ROP. The user RLC throughput includes user data but excludes retransmissions.	etThp_15		
pmHsDIRlcUserPacketThp_16	ACCUMULATION	INTEGER	Number of times that the HS-DSCH DL user RLC throughput has been within a defined range during the ROP. The user RLC throughput includes user data but excludes retransmissions.	ManagedElement_RncFunction_UtranCell_HsdscHsdsch.pmHsDIRlcUserPacketThp_16	Sum	
pmHsDIRlcUserPacketThp_17	ACCUMULATION	INTEGER	Number of times that the HS-DSCH DL user RLC throughput has been within a	ManagedElement_RncFunction_UtranCell_HsdscHsdsch.pmHsDIRlcUserPacketThp_17	Sum	

			defined range during the ROP. The user RLC throughput includes user data but excludes retransmissions.			
pmHsDIRlcUserPacketThp_18	ACCUMULATION	INTEGER	Number of times that the HS-DSCH DL user RLC throughput has been within a defined range during the ROP. The user RLC throughput includes user data but excludes retransmissions.	ManagedElement_RncFunction_UtranCell_Hsdsch.pmHsDIRlcUserPacketThp_18	Sum	
pmHsDIRlcUserPacketThp_19	ACCUMULATION	INTEGER	Number of times that the HS-DSCH DL user RLC throughput has been within a	ManagedElement_RncFunction_UtranCell_Hsdsch.pmHsDIRlcUserPacketThp_19	Sum	

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			defined range during the ROP. The user RLC throughput includes user data but excludes retransmissions.			
pmHsDIRlcUserPacketThp_1	ACCUMULATION	INTEGER	Number of times that the HS-DSCH DL user RLC throughput has been within a defined range during the ROP. The user RLC throughput includes user data but excludes retransmissions.	ManagedElement_RncFunction_UtranCell_HsdscHpmHsDIRlcUserPacketThp_1	Sum	
pmHsDIRlcUserPacketThp_20	ACCUMULATION	INTEGER	Number of times that the HS-DSCH DL user RLC throughput has been within a defined range during the ROP. The user RLC	ManagedElement_RncFunction_UtranCell_HsdscHpmHsDIRlcUserPacketThp_20	Sum	

			throughput includes user data but excludes retransmissions.			
pmHsDIRlcUserPacketThp_21	ACCUMULATION	INTEGER	Number of times that the HS-DSCH DL user RLC throughput has been within a defined range during the ROP. The user RLC throughput includes user data but excludes retransmissions.	ManagedElement_RncFunction_UtranCell_Hsdsch.pmHsDIRlcUserPacketThp_21	Sum	
pmHsDIRlcUserPacketThp_22	ACCUMULATION	INTEGER	Number of times that the HS-DSCH DL user RLC throughput has been within a defined range during the ROP. The user RLC	ManagedElement_RncFunction_UtranCell_Hsdsch.pmHsDIRlcUserPacketThp_22	Sum	

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			throughput includes user data but excludes retransmissions.			
pmHsDIRlcUserPacketThp_23	ACCUMULATION	INTEGER	Number of times that the HS-DSCH DL user RLC throughput has been within a defined range during the ROP. The user RLC throughput includes user data but excludes retransmissions.	ManagedElement_RncFunction_UtranCell_Hsdsch.pmHsDIRlcUserPacketThp_23	Sum	
pmHsDIRlcUserPacketThp_24	ACCUMULATION	INTEGER	Number of times that the HS-DSCH DL user RLC throughput has been within a defined range during the ROP. The user RLC throughput includes user data but excludes	ManagedElement_RncFunction_UtranCell_Hsdsch.pmHsDIRlcUserPacketThp_24	Sum	

			retransmissions.			
pmHsDIRlcUserPacketThp_25	ACCUMULATION	INTEGER	Number of times that the HS-DSCH DL user RLC throughput has been within a defined range during the ROP. The user RLC throughput includes user data but excludes retransmissions.	ManagedElement_RncFunction_UtranCell_HsdscHsdsch.pmHsDIRlcUserPacketThp_25	Sum	
pmHsDIRlcUserPacketThp_26	ACCUMULATION	INTEGER	Number of times that the HS-DSCH DL user RLC throughput has been within a defined range during the ROP. The user RLC throughput includes user data but excludes	ManagedElement_RncFunction_UtranCell_HsdscHsdsch.pmHsDIRlcUserPacketThp_26	Sum	

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			retransmissions.			
pmHsDIRlcUserPacketThp_27	ACCUMULATION	INTEGER	Number of times that the HS-DSCH DL user RLC throughput has been within a defined range during the ROP. The user RLC throughput includes user data but excludes retransmissions.	ManagedElement_RncFunction_UtranCell_HsdscHsdsch.pmHsDIRlcUserPacketThp_27	Sum	
pmHsDIRlcUserPacketThp_28	ACCUMULATION	INTEGER	Number of times that the HS-DSCH DL user RLC throughput has been within a defined range during the ROP. The user RLC throughput includes user data but excludes retransmissions.	ManagedElement_RncFunction_UtranCell_HsdscHsdsch.pmHsDIRlcUserPacketThp_28	Sum	
pmHsDIRlcUserPacketThp_29	ACCUMULATION	INTEGER	Number of times that	ManagedElement_RncFunction_UtranCell_HsdscHsdsch	Sum	

			the HS-DSCH DL user RLC throughput has been within a defined range during the ROP. The user RLC throughput includes user data but excludes retransmissions.	ch.pmHsDIRlcUserPacketThp_29		
pmHsDIRlcUserPacketThp_2	ACCUMULATION	INTEGER	Number of times that the HS-DSCH DL user RLC throughput has been within a defined range during the ROP. The user RLC throughput includes user data but excludes retransmissions.	ManagedElement_RncFunction_UtranCell_Hsdsch.pmHsDIRlcUserPacketThp_2	Sum	
pmHsDIRlcUserPacketThp_30	ACCUMULATION	INTEGER	Number of times that	ManagedElement_RncFunction_UtranCell_Hsds	Sum	

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			the HS-DSCH DL user RLC throughput has been within a defined range during the ROP. The user RLC throughput includes user data but excludes retransmissions.	ch.pmHsDIRlcUserPacketThp_30		
pmHsDIRlcUserPacketThp_31	ACCUMULATION	INTEGER	Number of times that the HS-DSCH DL user RLC throughput has been within a defined range during the ROP. The user RLC throughput includes user data but excludes retransmissions.	ManagedElement_RncFunction_UtranCell_Hsdsch.pmHsDIRlcUserPacketThp_31	Sum	
pmHsDIRlcUserPacketThp_32	ACCUMULATION	INTEGER	Number of times that the HS-DSCH DL user RLC throughput has been	ManagedElement_RncFunction_UtranCell_Hsdsch.pmHsDIRlcUserPacketThp_32	Sum	

			within a defined range during the ROP. The user RLC throughput includes user data but excludes retransmissions.			
pmHsDIRlcUserPacketThp_33	ACCUMULATION	INTEGER	Number of times that the HS-DSCH DL user RLC throughput has been within a defined range during the ROP. The user RLC throughput includes user data but excludes retransmissions.	ManagedElement_RncFunction_UtranCell_Hsdscch.pmHsDIRlcUserPacketThp_33	Sum	
pmHsDIRlcUserPacketThp_34	ACCUMULATION	INTEGER	Number of times that the HS-DSCH DL user RLC throughput has been	ManagedElement_RncFunction_UtranCell_Hsdscch.pmHsDIRlcUserPacketThp_34	Sum	

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			within a defined range during the ROP. The user RLC throughput includes user data but excludes retransmissions.			
pmHsDIRlcUserPacketThp_35	ACCUMULATION	INTEGER	Number of times that the HS-DSCH DL user RLC throughput has been within a defined range during the ROP. The user RLC throughput includes user data but excludes retransmissions.	ManagedElement_RncFunction_UtranCell_HsdscHpmHsDIRlcUserPacketThp_35	Sum	
pmHsDIRlcUserPacketThp_36	ACCUMULATION	INTEGER	Number of times that the HS-DSCH DL user RLC throughput has been within a defined range during the ROP. The	ManagedElement_RncFunction_UtranCell_HsdscHpmHsDIRlcUserPacketThp_36	Sum	

			user RLC throughput includes user data but excludes retransmissions.			
pmHsDIRlcUserPacketThp_3	ACCUMULATION	INTEGER	Number of times that the HS-DSCH DL user RLC throughput has been within a defined range during the ROP. The user RLC throughput includes user data but excludes retransmissions.	ManagedElement_RncFunction_UtranCell_Hsdsch.pmHsDIRlcUserPacketThp_3	Sum	
pmHsDIRlcUserPacketThp_4	ACCUMULATION	INTEGER	Number of times that the HS-DSCH DL user RLC throughput has been within a defined range during the ROP. The	ManagedElement_RncFunction_UtranCell_Hsdsch.pmHsDIRlcUserPacketThp_4	Sum	

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			user RLC throughput includes user data but excludes retransmissions.			
pmHsDIRlcUserPacketThp_5	ACCUMULATION	INTEGER	Number of times that the HS-DSCH DL user RLC throughput has been within a defined range during the ROP. The user RLC throughput includes user data but excludes retransmissions.	ManagedElement_RncFunction_UtranCell_HsdscHpmHsDIRlcUserPacketThp_5	Sum	
pmHsDIRlcUserPacketThp_6	ACCUMULATION	INTEGER	Number of times that the HS-DSCH DL user RLC throughput has been within a defined range during the ROP. The user RLC throughput includes user data but	ManagedElement_RncFunction_UtranCell_HsdscHpmHsDIRlcUserPacketThp_6	Sum	

			excludes retransmissions.			
pmHsDIRlcUserPacketThp_7	ACCUMULATION	INTEGER	Number of times that the HS-DSCH DL user RLC throughput has been within a defined range during the ROP. The user RLC throughput includes user data but excludes retransmissions.	ManagedElement_RncFunction_UtranCell_HsdscHsdsch.pmHsDIRlcUserPacketThp_7	Sum	
pmHsDIRlcUserPacketThp_8	ACCUMULATION	INTEGER	Number of times that the HS-DSCH DL user RLC throughput has been within a defined range during the ROP. The user RLC throughput includes user data but	ManagedElement_RncFunction_UtranCell_HsdscHsdsch.pmHsDIRlcUserPacketThp_8	Sum	

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			excludes retransmissions.			
pmHsDIRlcUserPacketThp_9	ACCUMULATION	INTEGER	Number of times that the HS-DSCH DL user RLC throughput has been within a defined range during the ROP. The user RLC throughput includes user data but excludes retransmissions.	ManagedElement_RncFunction_UtranCell_Hsdscch.pmHsDIRlcUserPacketThp_9	Sum	

7.13.41Cell.Ericsson.UMTS.PDF_pmRes10

pmRes10 PDF counters

KPI	Type	Data Type	Description	Derivation	Default Aggregator	Other Aggregators
pmRes10_0	ACCUMULATION	INTEGER	Results for RES measurement 10, stored in a generic way.	ManagedElement_RncFunction_UtranCell.pmRes10_0	Sum	
pmRes10_10	ACCUMULATION	INTEGER	Results for RES measurement 10, stored in a generic way.	ManagedElement_RncFunction_UtranCell.pmRes10_10	Sum	
pmRes10_11	ACCUMULATION	INTEGER	Results for RES	ManagedElement_RncFunction_UtranCe	Sum	

			measurement 10, stored in a generic way.	ll.pmRes10_11		
pmRes10_12	ACCUMULATION	INTEGER	Results for RES measurement 10, stored in a generic way.	ManagedElement_RncFunction_UtranCell.pmRes10_12	Sum	
pmRes10_13	ACCUMULATION	INTEGER	Results for RES measurement 10, stored in a generic way.	ManagedElement_RncFunction_UtranCell.pmRes10_13	Sum	
pmRes10_14	ACCUMULATION	INTEGER	Results for RES measurement 10, stored in a generic way.	ManagedElement_RncFunction_UtranCell.pmRes10_14	Sum	
pmRes10_15	ACCUMULATION	INTEGER	Results for RES measurement 10, stored in a generic way.	ManagedElement_RncFunction_UtranCell.pmRes10_15	Sum	
pmRes10_16	ACCUMULATION	INTEGER	Results for RES measurement 10, stored in a generic way.	ManagedElement_RncFunction_UtranCell.pmRes10_16	Sum	
pmRes10_17	ACCUMULATION	INTEGER	Results for RES measurement 10, stored in a generic way.	ManagedElement_RncFunction_UtranCell.pmRes10_17	Sum	
pmRes10_18	ACCUMULATION	INTEGER	Results for RES measurement	ManagedElement_RncFunction_UtranCell.pmRes10_18	Sum	

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			10, stored in a generic way.			
pmRes10_1	ACCUMULATION	INTEGER	Results for RES measurement 10, stored in a generic way.	ManagedElement_RncFunction_UtranCell.pmRes10_1	Sum	
pmRes10_2	ACCUMULATION	INTEGER	Results for RES measurement 10, stored in a generic way.	ManagedElement_RncFunction_UtranCell.pmRes10_2	Sum	
pmRes10_3	ACCUMULATION	INTEGER	Results for RES measurement 10, stored in a generic way.	ManagedElement_RncFunction_UtranCell.pmRes10_3	Sum	
pmRes10_4	ACCUMULATION	INTEGER	Results for RES measurement 10, stored in a generic way.	ManagedElement_RncFunction_UtranCell.pmRes10_4	Sum	
pmRes10_5	ACCUMULATION	INTEGER	Results for RES measurement 10, stored in a generic way.	ManagedElement_RncFunction_UtranCell.pmRes10_5	Sum	
pmRes10_6	ACCUMULATION	INTEGER	Results for RES measurement 10, stored in a generic way.	ManagedElement_RncFunction_UtranCell.pmRes10_6	Sum	
pmRes10_7	ACCUMULATION	INTEGER	Results for RES measurement 10, stored in a generic way.	ManagedElement_RncFunction_UtranCell.pmRes10_7	Sum	
pmRes10_8	ACCUMULATION	INTEGER	Results for RES measurement 10, stored in a	ManagedElement_RncFunction_UtranCell.pmRes10_8	Sum	

			generic way.			
pmRes10_9	ACCUMULATION	INTEGER	Results for RES measurement 10, stored in a generic way.	ManagedElement_RncFunction_UtranCell.pmRes10_9	Sum	

7.13.42Cell.Ericsson.UMTS.PDF_pmRes11

pmRes11 PDF counters

KPI	Type	Data Type	Description	Derivation	Default Aggregator	Other Aggregators
pmRes11_0	ACCUMULATION	INTEGER	Results for RES measurement 11, stored in a generic way.	ManagedElement_RncFunction_UtranCell.pmRes11_0	Sum	
pmRes11_10	ACCUMULATION	INTEGER	Results for RES measurement 11, stored in a generic way.	ManagedElement_RncFunction_UtranCell.pmRes11_10	Sum	
pmRes11_11	ACCUMULATION	INTEGER	Results for RES measurement 11, stored in a generic way.	ManagedElement_RncFunction_UtranCell.pmRes11_11	Sum	
pmRes11_12	ACCUMULATION	INTEGER	Results for RES measurement 11, stored in a generic way.	ManagedElement_RncFunction_UtranCell.pmRes11_12	Sum	
pmRes11_13	ACCUMULATION	INTEGER	Results for RES measurement	ManagedElement_RncFunction_UtranCell.pmRes11_13	Sum	

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			11, stored in a generic way.			
pmRes11_14	ACCUMULATION	INTEGER	Results for RES measurement 11, stored in a generic way.	ManagedElement_RncFunction_UtranCell.pmRes11_14	Sum	
pmRes11_15	ACCUMULATION	INTEGER	Results for RES measurement 11, stored in a generic way.	ManagedElement_RncFunction_UtranCell.pmRes11_15	Sum	
pmRes11_16	ACCUMULATION	INTEGER	Results for RES measurement 11, stored in a generic way.	ManagedElement_RncFunction_UtranCell.pmRes11_16	Sum	
pmRes11_17	ACCUMULATION	INTEGER	Results for RES measurement 11, stored in a generic way.	ManagedElement_RncFunction_UtranCell.pmRes11_17	Sum	
pmRes11_18	ACCUMULATION	INTEGER	Results for RES measurement 11, stored in a generic way.	ManagedElement_RncFunction_UtranCell.pmRes11_18	Sum	
pmRes11_1	ACCUMULATION	INTEGER	Results for RES measurement 11, stored in a generic way.	ManagedElement_RncFunction_UtranCell.pmRes11_1	Sum	
pmRes11_2	ACCUMULATION	INTEGER	Results for RES measurement 11, stored in a generic way.	ManagedElement_RncFunction_UtranCell.pmRes11_2	Sum	
pmRes11_3	ACCUMULATION	INTEGER	Results for RES measurement 11, stored in a	ManagedElement_RncFunction_UtranCell.pmRes11_3	Sum	

			generic way.			
pmRes11_4	ACCUMULATION	INTEGER	Results for RES measurement 11, stored in a generic way.	ManagedElement_RncFunction_UtranCell.pmRes11_4	Sum	
pmRes11_5	ACCUMULATION	INTEGER	Results for RES measurement 11, stored in a generic way.	ManagedElement_RncFunction_UtranCell.pmRes11_5	Sum	
pmRes11_6	ACCUMULATION	INTEGER	Results for RES measurement 11, stored in a generic way.	ManagedElement_RncFunction_UtranCell.pmRes11_6	Sum	
pmRes11_7	ACCUMULATION	INTEGER	Results for RES measurement 11, stored in a generic way.	ManagedElement_RncFunction_UtranCell.pmRes11_7	Sum	
pmRes11_8	ACCUMULATION	INTEGER	Results for RES measurement 11, stored in a generic way.	ManagedElement_RncFunction_UtranCell.pmRes11_8	Sum	
pmRes11_9	ACCUMULATION	INTEGER	Results for RES measurement 11, stored in a generic way.	ManagedElement_RncFunction_UtranCell.pmRes11_9	Sum	

7.13.43Cell.Ericsson.UMTS.PDF_pmRes12

pmRes12 PDF counters

KPI	Type	Data	Description	Derivation	Default	Other
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		Type			Aggregator	Aggregators
pmRes12_0	ACCUMULATION	INTEGER	Results for RES measurement 12, stored in a generic way.	ManagedElement_RncFunction_UtranCell.pmRes12_0	Sum	
pmRes12_10	ACCUMULATION	INTEGER	Results for RES measurement 12, stored in a generic way.	ManagedElement_RncFunction_UtranCell.pmRes12_10	Sum	
pmRes12_11	ACCUMULATION	INTEGER	Results for RES measurement 12, stored in a generic way.	ManagedElement_RncFunction_UtranCell.pmRes12_11	Sum	
pmRes12_12	ACCUMULATION	INTEGER	Results for RES measurement 12, stored in a generic way.	ManagedElement_RncFunction_UtranCell.pmRes12_12	Sum	
pmRes12_13	ACCUMULATION	INTEGER	Results for RES measurement 12, stored in a generic way.	ManagedElement_RncFunction_UtranCell.pmRes12_13	Sum	
pmRes12_14	ACCUMULATION	INTEGER	Results for RES measurement 12, stored in a generic way.	ManagedElement_RncFunction_UtranCell.pmRes12_14	Sum	
pmRes12_15	ACCUMULATION	INTEGER	Results for RES measurement 12, stored in a generic way.	ManagedElement_RncFunction_UtranCell.pmRes12_15	Sum	
pmRes12_16	ACCUMULATION	INTEGER	Results for RES measurement 12, stored in a	ManagedElement_RncFunction_UtranCell.pmRes12_16	Sum	

			generic way.			
pmRes12_17	ACCUMULATION	INTEGER	Results for RES measurement 12, stored in a generic way.	ManagedElement_RncFunction_UtranCell.pmRes12_17	Sum	
pmRes12_18	ACCUMULATION	INTEGER	Results for RES measurement 12, stored in a generic way.	ManagedElement_RncFunction_UtranCell.pmRes12_18	Sum	
pmRes12_1	ACCUMULATION	INTEGER	Results for RES measurement 12, stored in a generic way.	ManagedElement_RncFunction_UtranCell.pmRes12_1	Sum	
pmRes12_2	ACCUMULATION	INTEGER	Results for RES measurement 12, stored in a generic way.	ManagedElement_RncFunction_UtranCell.pmRes12_2	Sum	
pmRes12_3	ACCUMULATION	INTEGER	Results for RES measurement 12, stored in a generic way.	ManagedElement_RncFunction_UtranCell.pmRes12_3	Sum	
pmRes12_4	ACCUMULATION	INTEGER	Results for RES measurement 12, stored in a generic way.	ManagedElement_RncFunction_UtranCell.pmRes12_4	Sum	
pmRes12_5	ACCUMULATION	INTEGER	Results for RES measurement 12, stored in a generic way.	ManagedElement_RncFunction_UtranCell.pmRes12_5	Sum	

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pmRes12_6	ACCUMULATION	INTEGER	Results for RES measurement 12, stored in a generic way.	ManagedElement_RncFunction_UtranCell.pmRes12_6	Sum	
pmRes12_7	ACCUMULATION	INTEGER	Results for RES measurement 12, stored in a generic way.	ManagedElement_RncFunction_UtranCell.pmRes12_7	Sum	
pmRes12_8	ACCUMULATION	INTEGER	Results for RES measurement 12, stored in a generic way.	ManagedElement_RncFunction_UtranCell.pmRes12_8	Sum	
pmRes12_9	ACCUMULATION	INTEGER	Results for RES measurement 12, stored in a generic way.	ManagedElement_RncFunction_UtranCell.pmRes12_9	Sum	

7.13.44Cell.Ericsson.UMTS.PDF_pmRes7

pmRes7 PDF counters

KPI	Type	Data Type	Description	Derivation	Default Aggregator	Other Aggregators
pmRes7_0	ACCUMULATION	INTEGER	Results for RES measurement 7, stored in a generic way.	ManagedElement_RncFunction_UtranCell.pmRes7_0	Sum	
pmRes7_10	ACCUMULATION	INTEGER	Results for RES measurement 7, stored in a generic way.	ManagedElement_RncFunction_UtranCell.pmRes7_10	Sum	
pmRes7_11	ACCUMULATION	INTEGER	Results for RES measurement 7, stored in a	ManagedElement_RncFunction_UtranCell.pmRes7_11	Sum	

			generic way.			
pmRes7_12	ACCUMULATION	INTEGER	Results for RES measurement 7, stored in a generic way.	ManagedElement_RncFunction_UtranCell.pmRes7_12	Sum	
pmRes7_13	ACCUMULATION	INTEGER	Results for RES measurement 7, stored in a generic way.	ManagedElement_RncFunction_UtranCell.pmRes7_13	Sum	
pmRes7_14	ACCUMULATION	INTEGER	Results for RES measurement 7, stored in a generic way.	ManagedElement_RncFunction_UtranCell.pmRes7_14	Sum	
pmRes7_15	ACCUMULATION	INTEGER	Results for RES measurement 7, stored in a generic way.	ManagedElement_RncFunction_UtranCell.pmRes7_15	Sum	
pmRes7_16	ACCUMULATION	INTEGER	Results for RES measurement 7, stored in a generic way.	ManagedElement_RncFunction_UtranCell.pmRes7_16	Sum	
pmRes7_17	ACCUMULATION	INTEGER	Results for RES measurement 7, stored in a generic way.	ManagedElement_RncFunction_UtranCell.pmRes7_17	Sum	
pmRes7_18	ACCUMULATION	INTEGER	Results for RES measurement 7, stored in a generic way.	ManagedElement_RncFunction_UtranCell.pmRes7_18	Sum	

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pmRes7_1	ACCUMULATION	INTEGER	Results for RES measurement 7, stored in a generic way.	ManagedElement_RncFunction_UtranCell.pmRes7_1	Sum	
pmRes7_2	ACCUMULATION	INTEGER	Results for RES measurement 7, stored in a generic way.	ManagedElement_RncFunction_UtranCell.pmRes7_2	Sum	
pmRes7_3	ACCUMULATION	INTEGER	Results for RES measurement 7, stored in a generic way.	ManagedElement_RncFunction_UtranCell.pmRes7_3	Sum	
pmRes7_4	ACCUMULATION	INTEGER	Results for RES measurement 7, stored in a generic way.	ManagedElement_RncFunction_UtranCell.pmRes7_4	Sum	
pmRes7_5	ACCUMULATION	INTEGER	Results for RES measurement 7, stored in a generic way.	ManagedElement_RncFunction_UtranCell.pmRes7_5	Sum	
pmRes7_6	ACCUMULATION	INTEGER	Results for RES measurement 7, stored in a generic way.	ManagedElement_RncFunction_UtranCell.pmRes7_6	Sum	
pmRes7_7	ACCUMULATION	INTEGER	Results for RES measurement 7, stored in a generic way.	ManagedElement_RncFunction_UtranCell.pmRes7_7	Sum	
pmRes7_8	ACCUMULATION	INTEGER	Results for RES measurement 7, stored in a generic way.	ManagedElement_RncFunction_UtranCell.pmRes7_8	Sum	
pmRes7_9	ACCUMULATION	INTEGER	Results for	ManagedElement_R	Sum	

	TION	ER	RES measurement 7, stored in a generic way.	ncFunction_UtranCell.pmRes7_9		
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7.13.45Cell.Ericsson.UMTS.PDF_pmRes8

pmRes8 PDF counters

KPI	Type	Data Type	Description	Derivation	Default Aggregator	Other Aggregators
pmRes8_0	ACCUMULATION	INTEGER	Results for RES measurement 8, stored in a generic way.	ManagedElement_RncFunction_UtranCell.pmRes8_0	Sum	
pmRes8_10	ACCUMULATION	INTEGER	Results for RES measurement 8, stored in a generic way.	ManagedElement_RncFunction_UtranCell.pmRes8_10	Sum	
pmRes8_11	ACCUMULATION	INTEGER	Results for RES measurement 8, stored in a generic way.	ManagedElement_RncFunction_UtranCell.pmRes8_11	Sum	
pmRes8_12	ACCUMULATION	INTEGER	Results for RES measurement 8, stored in a generic way.	ManagedElement_RncFunction_UtranCell.pmRes8_12	Sum	
pmRes8_13	ACCUMULATION	INTEGER	Results for RES measurement 8, stored in a generic way.	ManagedElement_RncFunction_UtranCell.pmRes8_13	Sum	

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pmRes8_14	ACCUMULATION	INTEGER	Results for RES measurement 8, stored in a generic way.	ManagedElement_RncFunction_UtranCell.pmRes8_14	Sum	
pmRes8_15	ACCUMULATION	INTEGER	Results for RES measurement 8, stored in a generic way.	ManagedElement_RncFunction_UtranCell.pmRes8_15	Sum	
pmRes8_16	ACCUMULATION	INTEGER	Results for RES measurement 8, stored in a generic way.	ManagedElement_RncFunction_UtranCell.pmRes8_16	Sum	
pmRes8_17	ACCUMULATION	INTEGER	Results for RES measurement 8, stored in a generic way.	ManagedElement_RncFunction_UtranCell.pmRes8_17	Sum	
pmRes8_18	ACCUMULATION	INTEGER	Results for RES measurement 8, stored in a generic way.	ManagedElement_RncFunction_UtranCell.pmRes8_18	Sum	
pmRes8_1	ACCUMULATION	INTEGER	Results for RES measurement 8, stored in a generic way.	ManagedElement_RncFunction_UtranCell.pmRes8_1	Sum	
pmRes8_2	ACCUMULATION	INTEGER	Results for RES measurement 8, stored in a generic way.	ManagedElement_RncFunction_UtranCell.pmRes8_2	Sum	
pmRes8_3	ACCUMULATION	INTEGER	Results for RES measurement 8, stored in a generic way.	ManagedElement_RncFunction_UtranCell.pmRes8_3	Sum	
pmRes8_4	ACCUMULATION	INTEGER	Results for	ManagedElement_R	Sum	

	TION	ER	RES measurement 8, stored in a generic way.	ncFunction_UtranCe ll.pmRes8_4		
pmRes8_5	ACCUMULATION	INTEGER	Results for RES measurement 8, stored in a generic way.	ManagedElement_RncFunction_UtranCe ll.pmRes8_5	Sum	
pmRes8_6	ACCUMULATION	INTEGER	Results for RES measurement 8, stored in a generic way.	ManagedElement_RncFunction_UtranCe ll.pmRes8_6	Sum	
pmRes8_7	ACCUMULATION	INTEGER	Results for RES measurement 8, stored in a generic way.	ManagedElement_RncFunction_UtranCe ll.pmRes8_7	Sum	
pmRes8_8	ACCUMULATION	INTEGER	Results for RES measurement 8, stored in a generic way.	ManagedElement_RncFunction_UtranCe ll.pmRes8_8	Sum	
pmRes8_9	ACCUMULATION	INTEGER	Results for RES measurement 8, stored in a generic way.	ManagedElement_RncFunction_UtranCe ll.pmRes8_9	Sum	

7.13.46Cell.Ericsson.UMTS.PDF_pmRes9

pmRes9 PDF counters

KPI	Type	Data Type	Description	Derivation	Default Aggregator	Other Aggregators
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pmRes9_0	ACCUMULATION	INTEGER	Results for RES measurement 9, stored in a generic way.	ManagedElement_RncFunction_UtranCell.pmRes9_0	Sum	
pmRes9_10	ACCUMULATION	INTEGER	Results for RES measurement 9, stored in a generic way.	ManagedElement_RncFunction_UtranCell.pmRes9_10	Sum	
pmRes9_11	ACCUMULATION	INTEGER	Results for RES measurement 9, stored in a generic way.	ManagedElement_RncFunction_UtranCell.pmRes9_11	Sum	
pmRes9_12	ACCUMULATION	INTEGER	Results for RES measurement 9, stored in a generic way.	ManagedElement_RncFunction_UtranCell.pmRes9_12	Sum	
pmRes9_13	ACCUMULATION	INTEGER	Results for RES measurement 9, stored in a generic way.	ManagedElement_RncFunction_UtranCell.pmRes9_13	Sum	
pmRes9_14	ACCUMULATION	INTEGER	Results for RES measurement 9, stored in a generic way.	ManagedElement_RncFunction_UtranCell.pmRes9_14	Sum	
pmRes9_15	ACCUMULATION	INTEGER	Results for RES measurement 9, stored in a generic way.	ManagedElement_RncFunction_UtranCell.pmRes9_15	Sum	
pmRes9_16	ACCUMULATION	INTEGER	Results for RES measurement 9, stored in a generic way.	ManagedElement_RncFunction_UtranCell.pmRes9_16	Sum	
pmRes9_17	ACCUMULATION	INTEGER	Results for	ManagedElement_R	Sum	

	TION	ER	RES measurement 9, stored in a generic way.	ncFunction_UtranCe ll.pmRes9_17		
pmRes9_18	ACCUMULATION	INTEGER	Results for RES measurement 9, stored in a generic way.	ManagedElement_R ncFunction_UtranCe ll.pmRes9_18	Sum	
pmRes9_1	ACCUMULATION	INTEGER	Results for RES measurement 9, stored in a generic way.	ManagedElement_R ncFunction_UtranCe ll.pmRes9_1	Sum	
pmRes9_2	ACCUMULATION	INTEGER	Results for RES measurement 9, stored in a generic way.	ManagedElement_R ncFunction_UtranCe ll.pmRes9_2	Sum	
pmRes9_3	ACCUMULATION	INTEGER	Results for RES measurement 9, stored in a generic way.	ManagedElement_R ncFunction_UtranCe ll.pmRes9_3	Sum	
pmRes9_4	ACCUMULATION	INTEGER	Results for RES measurement 9, stored in a generic way.	ManagedElement_R ncFunction_UtranCe ll.pmRes9_4	Sum	
pmRes9_5	ACCUMULATION	INTEGER	Results for RES measurement 9, stored in a generic way.	ManagedElement_R ncFunction_UtranCe ll.pmRes9_5	Sum	
pmRes9_6	ACCUMULATION	INTEGER	Results for RES	ManagedElement_R ncFunction_UtranCe	Sum	

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			measurement 9, stored in a generic way.	ll.pmRes9_6		
pmRes9_7	ACCUMULATION	INTEGER	Results for RES measurement 9, stored in a generic way.	ManagedElement_RncFunction_UtranCell.pmRes9_7	Sum	
pmRes9_8	ACCUMULATION	INTEGER	Results for RES measurement 9, stored in a generic way.	ManagedElement_RncFunction_UtranCell.pmRes9_8	Sum	
pmRes9_9	ACCUMULATION	INTEGER	Results for RES measurement 9, stored in a generic way.	ManagedElement_RncFunction_UtranCell.pmRes9_9	Sum	

7.13.47Cell.Ericsson.UMTS.PDF_pmTotNoRrcConnectUeCapability

pmTotNoRrcConnectUeCapability PDF counters

KPI	Type	Data Type	Description	Derivation	Default Aggregator	Other Aggregators
pmTotNoRrcConnectUeCapability_0	ACCUMULATION	INTEGER	Number of times that a UE with certain capabilities has successfully setup an RRC connection	ManagedElement_RncFunction_UtranCell.pmTotNoRrcConnectUeCapability_0	Sum	

			tion.			
pmTotNoRrcConnectUeCapability_1	ACCUMULATION	INTEGER	Number of times that a UE with certain capabilities has successfully setup an RRC connection.	ManagedElement_RncFunction_UtranCell.pmTotNoRrcConnectUeCapability_1	Sum	
pmTotNoRrcConnectUeCapability_2	ACCUMULATION	INTEGER	Number of times that a UE with certain capabilities has successfully setup an RRC connection.	ManagedElement_RncFunction_UtranCell.pmTotNoRrcConnectUeCapability_2	Sum	
pmTotNoRrcConnectUeCapability_3	ACCUMULATION	INTEGER	Number of times that a	ManagedElement_RncFunction_UtranCell.pmTotNoRrcConnectUeCapability_3	Sum	

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			UE with certain capabilities has successfully setup an RRC connection.			
pmTotNoRrcConnectUeCapability_4	ACCUMULATION	INTEGER	Number of times that a UE with certain capabilities has successfully setup an RRC connection.	ManagedElement_RncFunction_UtranCell.pmTotNoRrcConnectUeCapability_4	Sum	
pmTotNoRrcConnectUeCapability_5	ACCUMULATION	INTEGER	Number of times that a UE with certain capabilities has successfully setup an RRC	ManagedElement_RncFunction_UtranCell.pmTotNoRrcConnectUeCapability_5	Sum	

			connec tion.			
pmTotNoRrcConnect UeCapability_6	ACCUMUL ATION	INTE GER	Numbe r of times that a UE with certain capabil ities has succes sfully setup an RRC connec tion.	ManagedElement_RncFunc tion_UtranCell.pmTotNoRrcC onnectUeCapability_6	Sum	
pmTotNoRrcConnect UeCapability_7	ACCUMUL ATION	INTE GER	Numbe r of times that a UE with certain capabil ities has succes sfully setup an RRC connec tion.	ManagedElement_RncFunc tion_UtranCell.pmTotNoRrcC onnectUeCapability_7	Sum	
pmTotNoRrcConnect UeCapability_8	ACCUMUL ATION	INTE GER	Numbe r of times	ManagedElement_RncFunc tion_UtranCell.pmTotNoRrcC onnectUeCapability_8	Sum	

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			that a UE with certain capabilities has successfully setup an RRC connection.			
pmTotNoRrcConnectUeCapability_9	ACCUMULATION	INTEGER	Number of times that a UE with certain capabilities has successfully setup an RRC connection.	ManagedElement_RncFunction_UtranCell.pmTotNoRrcConnectUeCapability_9	Sum	

7.13.48Cell.Ericsson.UMTS.rab_establishments_and_release

UTRAN radio access bearer establishment and release.

KPI	Type	Data Type	Description	Derivation	Default Aggregator	Other Aggregators
_%_HS_Dropped	PERCENTAGE	FLOAT	Drop rate per UtranCell for HSDPA	100 * {Ericsson.rab_establishments_and_release.pmNoSyst	Average	Average, ecttb

				emRbReleaseHs}/ ({Ericsson.rab_establishments_and_release.pmNoSystemRbReleaseHs}+ {Ericsson.rab_establishments_and_release.pmNormalRbReleaseHs})		h
%_pmEulToDchSuccess	PERCENTAGE	FLOAT	Percentage of successful channel switches from E-DCH to a lower capability channel, that is, DCH/HS-DSCH or DCH/DCH. Stepped in the best cell in the Active Set when the transition is concluded. Stepped when Radio Bearer Reconfiguration Complete is received from the UE, during an attempt to do a transition from a connection using E-DCH capabilities to a DCH connection.	100 * {pmEulToDchSuccess}/ {pmEulToDchAttempt}	Average	Average, ecttbh
%_pmHsToDchSuccess	PERCENTAGE	FLOAT	Percentage of successful reconfigurations of a connection using a HS-DSCH to a DCH connection.	100 * {pmHsToDchSuccess}/ {pmHsToDchAttempt}	Average	Average, ecttbh

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			Stepped in the best cell in the Active Set when the transition is triggered. Stepped when Radio Bearer Reconfiguration Complete is received from the UE, during an attempt to do a transition from a connection using HS-DSCH capabilities to a DCH connection.		
$\frac{\text{pmNoRabEstablishSuccessAmrNb}}{\text{pmNoRabEstablishAttemptAmrNb}}$	PERCENTAGE	FLOW	Percentage of successful RAB establishments (AMR NB) for the best cell in the Active Set. Incremented after successful AMR-NB RAB Establishment (on DCH) after sending the RANAP AMR-NB RAB Assignment Response message to the CN.	$100 * \frac{\text{pmNoRabEstablishSuccessAmrNb}}{\text{pmNoRabEstablishAttemptAmrNb}}$	Average, Average, ecttbh
$\frac{\text{pmNoRabEstablishSuccessPacketInteractiveEul}}{\text{pmNoRabEstablishAttemptPacketInteractiveEul}}$	PERCENTAGE	FLOW	Percentage of successful RAB establishments for PS Interactive RAB mapped on E-DCH/HSDPA. Stepped for the Serving E-DCH	$100 * \frac{\text{pmNoRabEstablishSuccessPacketInteractiveEul}}{\text{pmNoRabEstablishAttemptPacketInteractiveEul}}$	Average, Average, ecttbh

			cell at successful RAB/RB combination transition to PS Interactive E-DCH/HS - HS-DSCH due to RAB establishment. Triggered after sending of RAB Assignment Response (successful).		
$\bar{\%}_{pmNoRabEstSuccessPsIntNonHs}$	PERCENTAGE	FLOAT	Percentage of successful RAB establishments for the PS Interactive RAB in a non-HS configuration (i.e. on DCH or FACH). Reported on the best cell in the active set.	$100 * \frac{\{pmNoRabEstSuccessPsIntNonHs\}}{\{pmNoRabEstAttemptPsIntNonHs\}}$	Average, Average, ecttbh
$\bar{\%}_{pmRabEstablishEcSuccess}$	PERCENTAGE	FLOAT	Percentage of successful RAB Establishment attempts for an Emergency Call. Counter is stepped when an RAB establishment is received for an Emergency Call	$100 * \frac{\{pmRabEstablishEcSuccess\}}{\{pmRabEstablishEcAttempt\}}$	Average, Average, ecttbh
$\bar{\%}_{RAB_Establishment}$	PERCENTAGE	FLOAT	Percentage of successful RAB	$100 * \frac{\{pmNoRabEstablishSuccess\}}{\{pmNoRabEstablishAttempt\}}$	Average, Average,

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_Success_CS_Data		T	establishments to number of attempted RAB establishments.	ssCS64}/ {pmNoRabEstablishAttem ptCS64}		ecttb h
_%_Rab_Establishment_ Success_PacketInteracti veHs	PERCE NTAGE	FL OA T	Percentage of successful RAB establishments for PS Interactive RAB mapped on HS-DSCH.	100 * {pmNoRabEstablishSucce ssPacketInteractiveHs}/ {pmNoRabEstablishAttem ptPacketInteractiveHs}	Aver age	Aver age, ecttb h
_%_RAB_Establishment_ Success_PS_Data	PERCE NTAGE	FL OA T	Percentage of successful RAB establishments to number of attempted RAB establishments.	100 * {pmNoRabEstablishSucce ssPacket}/ {pmNoRabEstablishAttem ptPacket}	Aver age	Aver age, ecttb h
_%_Rab_Establishment_ Success_PS128	PERCE NTAGE	FL OA T	Percentage of successful RAB establishments (PS Streaming 128) referred to the Best Cell in the Active Set	100 * {pmNoRabEstablishSucce ssPacketStream128}/ {pmNoRabEstablishAttem ptPacketStream128}	Aver age	Aver age, ecttb h
_%_RAB_Establishment_ Success_Speech	PERCE NTAGE	FL OA T	Percentage of successful RAB establishments to number of attempted RAB establishments. Specified counters are reported per RAB type(UeRabType object) for P2.0 RNCs and per Radio Connection Configuration (UeRc object) for P2.1 RNCs	100 * {pmNoRabEstablishSucce ssSpeech}/ {pmNoRabEstablishAttem ptSpeech}	Aver age	Aver age, ecttb h
cmavgrabfach	PERCE	FL	-Obsolete in P6-	100 * {pmsumrabfach}/	Aver	Aver

	NTAGE	OAT	Average number of PS RABs on FACH/RACH.	{pmsamplesrabfach}	age	age, ecttbh
pmEulToDchAttempt	ACCUMULATION	INTER	Number of attempted channel switches from E-DCH to a lower capability channel, that is, DCH/HS-DSCH or DCH/DCH. Stepped in the best cell in the Active Set when the transition is triggered. Stepped when Radio Bearer Reconfiguration is sent to the UE, for an attempt to do a transition from a connection using E-DCH capabilities to a DCH connection.	ManagedElement_RncFunction_UtranCell.pmEulToDchAttempt	Sum	ecttbh, Sum
pmEulToDchSuccess	ACCUMULATION	INTER	Number of successful channel switches from E-DCH to a lower capability channel, that is, DCH/HS-DSCH or DCH/DCH. Stepped in the best cell in the Active Set when the transition is	ManagedElement_RncFunction_UtranCell.pmEulToDchSuccess	Sum	ecttbh, Sum

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			concluded. Stepped when Radio Bearer Reconfiguration Complete is received from the UE, during an attempt to do a transition from a connection using E-DCH capabilities to a DCH connection.		
pmHsToDchAttempt	ACCUMULATION	INTER	Number of attempts to reconfigure a connection using a HS-DSCH to a DCH connection. Stepped in the best cell in the Active Set when the transition is triggered. Stepped when Radio Bearer Reconfiguration is sent to the UE, for an attempt to do a transition from a connection using HS-DSCH capabilities to a DCH connection.	ManagedElement_RncFunction_UtranCell.pmHsToDchAttempt	Sum ecttbh, Sum
pmHsToDchSuccess	ACCUMULATION	INTER	Number of successful reconfigurations of a connection using a HS-DSCH to a DCH connection.	ManagedElement_RncFunction_UtranCell.pmHsToDchSuccess	Sum ecttbh, Sum

			Stepped in the best cell in the Active Set when the transition is triggered. Stepped when Radio Bearer Reconfiguration Complete is received from the UE, during an attempt to do a transition from a connection using HS-DSCH capabilities to a DCH connection.			
pmInactivityMultiPsInt	ACCUMULATION	INTEGER	Number of released PS RAB due to inactivity of one or more PS interactive RABs in the multi PS interactive RB combination.	ManagedElement_RncFunction_UtranCell.pmInactivityMultiPsInt	Sum	ecttbh, Sum
pmInactivityPsStreamIdle	ACCUMULATION	INTEGER	Number UTRAN-initiated RAB releases due to user inactivity per best cell.	ManagedElement_RncFunction_UtranCell.pmInactivityPsStreamIdle	Sum	ecttbh, Sum
pmNoFailedRabEstAttemptExceedConnLimit	ACCUMULATION	INTEGER	Number of failed PS RAB establishment attempts due to exceeding the configured	ManagedElement_RncFunction_UtranCell.pmNoFailedRabEstAttemptExceedConnLimit	Sum	ecttbh, Sum

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			connection limit when allocating Spreading Factor ('SF Histogram' in Admission Reject signal)			
pmNoFailedRabEstAttemptLackDIAse	ACCUMULATION	INT8	Number of failed RAB establishment attempts due to lack of DL ASE	ManagedElement_RncFunction_UtranCell.pmNoFailedRabEstAttemptLackDIAse	Sum	ecttbh, Sum
pmNoFailedRabEstAttemptLackDIChnlCode	ACCUMULATION	INT8	Number of failed RAB establishment attempts due to lack of DL channelization codes	ManagedElement_RncFunction_UtranCell.pmNoFailedRabEstAttemptLackDIChnlCode	Sum	ecttbh, Sum
pmNoFailedRabEstAttemptLackDIHwBest	ACCUMULATION	INTEGER	Number of failed RAB establishment attempts due to lack of DL hardware resources, for the best cell in the active set. Stepped for the IubLink containing the best cell in the active set.	ManagedElement_RncFunction_UtranCell.pmNoFailedRabEstAttemptLackDIHwBest	Sum	ecttbh, Sum
pmNoFailedRabEstAttemptLackDIHw	ACCUMULATION	INTEGER	Number of failed RAB establishment attempts due to lack of DL hardware resources. Stepped for the IubLink containing the first cell to fail	ManagedElement_RncFunction_UtranCell.pmNoFailedRabEstAttemptLackDIHw	Sum	ecttbh, Sum

			admission in the active set.		
pmNoFailedRabEstAttemptLackDIPwr	ACCUMULATION	INTEGER	Number of failed RAB establishment attempts due to lack of DL power	ManagedElement_RncFunction_UtranCell.pmNoFailedRabEstAttemptLackDIPwr	Sum ecttbh, Sum
pmNoFailedRabEstAttemptLackUIAse	ACCUMULATION	INTEGER	Number of failed RAB establishment attempts due to lack of UL ASE	ManagedElement_RncFunction_UtranCell.pmNoFailedRabEstAttemptLackUIAse	Sum ecttbh, Sum
pmNoFailedRabEstAttemptLackUIHwBest	ACCUMULATION	INTEGER	Number of failed RAB establishment attempts due to lack of UL hardware resources, for the best cell in the active set. Stepped for the IubLink containing the best cell in the active set.	ManagedElement_RncFunction_UtranCell.pmNoFailedRabEstAttemptLackUIHwBest	Sum ecttbh, Sum
pmNoFailedRabEstAttemptLackUIHw	ACCUMULATION	INTEGER	Number of failed RAB establishment attempts due to lack of UL hardware resources. Stepped for the IubLink containing the first cell to fail	ManagedElement_RncFunction_UtranCell.pmNoFailedRabEstAttemptLackUIHw	Sum ecttbh, Sum

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			admission in the active set			
pmNoNormalRabReleaseAmrNb	ACCUMULATION	INTEGER	Number of normal RAB releases (AMR NB) for the best cell in the Active Set.	ManagedElement_RncFunction_UtranCell.pmNoNormalRabReleaseAmrNb	Sum	ecttbh, Sum
pmNoNormalRabReleaseAmrWb	ACCUMULATION	INTEGER	Total number of normal RAB releases for AMR WB. Counted only for the best cell in the Active set.	ManagedElement_RncFunction_UtranCell.pmNoNormalRabReleaseAmrWb	Sum	ecttbh, Sum
pmNoNormalRabReleaseCs64	ACCUMULATION	INT8	Number of normal RAB release for CS64.	ManagedElement_RncFunction_UtranCell.pmNoNormalRabReleaseCs64	Sum	ecttbh, Sum
pmNoNormalRabReleaseCsStream	ACCUMULATION	INT8	Number of normal RAB release for CS streaming.	ManagedElement_RncFunction_UtranCell.pmNoNormalRabReleaseCsStream	Sum	ecttbh, Sum
pmNoNormalRabReleasePacket	ACCUMULATION	INT8	Number of successful normal RAB releases (PS Data) for the best cell in Active Set. The counter is triggered when RAB Assignment Request is received with cause value Normal, or Iu Release Command is received with cause value Normal for the following cases PS RAB to	ManagedElement_RncFunction_UtranCell.pmNoNormalRabReleasePacket	Sum	ecttbh, Sum

			Signaling only (RAB Release procedure) PS RAB to IDLE (Connection Release procedure) PS 64 + Speech to Speech (RAB Release procedure). Request message is received with cause value Resource Optimisation Relocation Normal Release = Normal Release + Successful Relocation + Resource Optimisation Relocation			
pmNoNormalRabReleasePacketStream128	ACCUMULATION	INT8	Number of successful normal RAB releases (PS Streaming 128) referred to the Best Cell in the Active Set	ManagedElement_RncFunction_UtranCell.pmNoNormalRabReleasePacketStream128	Sum	ecttbh, Sum
pmNoNormalRabReleasePacketStream	ACCUMULATION	INT8	Number of normal RAB release packet streaming.	ManagedElement_RncFunction_UtranCell.pmNoNormalRabReleasePacketStream	Sum	ecttbh, Sum
pmNoNormalRabReleasePacketUra	ACCUMULATION	INTEGER	Number of normal RAB	ManagedElement_RncFunction_UtranCell.pmNoNor	Sum	ecttbh,

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	ION	ER	Release of Packet RAB while on URA_PCH.	malRabReleasePacketUra		Sum
pmNoNormalRabReleasePsStreamHs	ACCUMULATION	INTEGER	Number of successful normal RAB releases for RAB-type streaming PS unknown HS, counted on the best cell in the Active Set (if in SRNC).	ManagedElement_RncFunction_UtranCell.pmNoNormalRabReleasePsStreamHs	Sum	ecttbh, Sum
pmNoNormalRabReleaseSpeech	ACCUMULATION	INTEGER	Number of successful normal RAB releases (Speech) for the best cell in Active Set. The counter is triggered when RAB Assignment Request is received with cause value Normal, or Iu Release Command is received with cause value Normal for the following cases Speech RAB to Signaling only (RAB Release procedure) Speech RAB to IDLE (Connection Release procedure) Speech RAB +	ManagedElement_RncFunction_UtranCell.pmNoNormalRabReleaseSpeech	Sum	ecttbh, Sum

			PS64 equal PS64 (RAB Release procedure) Normal Release = Normal Release + Successful Relocation.		
pmNoNormalRbReleaseEul	ACCUMULATION	INTEGER	Number of normal RAB releases for PS Interactive RAB mapped on E-DCH/HSDPA.	ManagedElement_RncFunction_UtranCell.pmNoNormalRbReleaseEul	Sum ecttbh, Sum
pmNoNormalRbReleaseHs	ACCUMULATION	INTEGER	The number of releases of packet RABs mapped on HS-DSCH in the Serving HS-DSCH cell with cause "Normal Release", "Successful Relocation", or "Resource Optimisation Relocation" indicated by the CN.	ManagedElement_RncFunction_UtranCell.pmNoNormalRbReleaseHs	Sum ecttbh, Sum
pmNoNormalReleaseSrbOnly136	ACCUMULATION	INTEGER	Total number of normal SRB 13.6/13.6 releases. Incremented in the best cell in the active set.	ManagedElement_RncFunction_UtranCell.pmNoNormalReleaseSrbOnly136	Sum ecttbh
pmNoNormalReleaseSrb	ACCUMULATION	INTEGER	Total number of	ManagedElement_RncFunction_UtranCell.pmNoNormalReleaseSrb	Sum ecttbh

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bOnly34	MULATI ON	EG ER	normal SRB 3.4/3.4 releases. Incremented in the best cell in the active set.	ction_UtranCell.pmNoNor malReleaseSrbOnly34		h
pmNoPsStream128Ps8 DchDiscAbnorm	ACCU MULATI ON	INT 8	Number of abnormal RRC disconnects of a PS Streaming 16/128 + Packet 8kbps connection for the best cell in the active set	ManagedElement_RncFun ction_UtranCell.pmNoPsSt ream128Ps8DchDiscAbnor m	Sum	ecttb h, Sum
pmNoPsStream128Ps8 DchDiscNormal	ACCU MULATI ON	INT 8	Number of normal RRC disconnects of a PS Streaming 16/128 + Packet 8kbps connection for the best cell in the active set	ManagedElement_RncFun ction_UtranCell.pmNoPsSt ream128Ps8DchDiscNorm al	Sum	ecttb h, Sum
pmNoPsStream64Ps8D chDiscNormal	ACCU MULATI ON	INT 8	Number of normal disconnects of a PS streaming 64 kbps + PS 8kbps multi-RAB for the best cell in the active set.	ManagedElement_RncFun ction_UtranCell.pmNoPsSt ream64Ps8DchDiscNormal	Sum	ecttb h, Sum
pmNoRabEstablishAtte mptAmrNb	ACCU MULATI ON	INT EG ER	Number of RAB establishment attempts (AMR NB) for the best cell in the Active Set. Incremented after successful AMR-NB RAB Mapping when a RANAP AMR- NB RAB Assignment.	ManagedElement_RncFun ction_UtranCell.pmNoRab EstablishAttemptAmrNb	Sum	ecttb h, Sum

			Request message is received from the CN with AMR-NB RABs to be setup or modified. Reported per single AMR-NB RAB state on Best Cell level for each AMR-NB RAB that is established.			
pmNoRabEstablishAttemptAmrWb	ACCUMULATION	INTEGER	Total number of attempted RAB establishments for AMR WB. Counted only for the best cell in the Active set.	ManagedElement_RncFunction_UtranCell.pmNoRabEstablishAttemptAmrWb	Sum	ecttbh, Sum
pmNoRabEstablishAttemptCs57	ACCUMULATION	INT8	Number of RAB establishments attempts (CS 57.6) for the Best Cell in the Active Set.	ManagedElement_RncFunction_UtranCell.pmNoRabEstablishAttemptCs57	Sum	ecttbh, Sum
pmNoRabEstablishAttemptCS64	ACCUMULATION	INT8	Number of RAB establishments attempts (CS 64) for the Best Cell in the Active Set. The counter is triggered immediately after a RANAP RAB Assignment Request message is received from	ManagedElement_RncFunction_UtranCell.pmNoRabEstablishAttemptCS64	Sum	ecttbh, Sum

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			CS CN with a CS 64 RABs to be setup or modified.		
pmNoRabEstablishAttemptPacketInteractiveEul	ACCUMULATION	INTEGER	Number of attempted RAB establishments for PS Interactive RAB mapped on E-DCH/ HSDPA . Stepped for the suitable Serving E-DCH cell identified by the Serving E-DCH cell selection performed due to RAB establishment. Triggered after reception of RAB Assignment Request and serving cell selection.	ManagedElement_RncFunction_UtranCell.pmNoRabEstablishAttemptPacketInteractiveEul	Sum ecttbh, Sum
pmNoRabEstablishAttemptPacketInteractiveHs	ACCUMULATION	INT8	The number of attempted RAB establishments for PS Interactive RAB mapped on HS-DSCH.	ManagedElement_RncFunction_UtranCell.pmNoRabEstablishAttemptPacketInteractiveHs	Sum ecttbh, Sum
pmNoRabEstablishAttemptPacketInteractive	ACCUMULATION	INT8	Number of RAB establishments attempts (Interactive) for the Best Cell in the Active Set.	ManagedElement_RncFunction_UtranCell.pmNoRabEstablishAttemptPacketInteractive	Sum ecttbh, Sum
pmNoRabEstablishAttemptPacket	ACCUMULATION	INT8	Number of successful RAB establishments	ManagedElement_RncFunction_UtranCell.pmNoRabEstablishAttemptPacket	Sum ecttbh, Sum

			(Speech). The counter is triggered immediately after a RANAP RAB Assignment Request message is received from PS CN with a PS RABs to be setup or modified. The counter is incremented independently of single or multi-RAB state.			
pmNoRabEstablishAttemptPacketStream128	ACCUMULATION	INT 8	Number of RAB establishment attempts (PS Streaming 128) referred to the Best Cell in the Active Set	ManagedElement_RncFunction_UtranCell.pmNoRabEstablishAttemptPacketStream128	Sum	ecttbh, Sum
pmNoRabEstablishAttemptPacketStream	ACCUMULATION	INT 8	Number of RAB establishments attempts (streaming) for the Best Cell in the Active Set.	ManagedElement_RncFunction_UtranCell.pmNoRabEstablishAttemptPacketStream	Sum	ecttbh, Sum
pmNoRabEstablishAttemptSpeech	ACCUMULATION	INT 8	Number of RAB establishments attempts (Speech) for the Best Cell in the Active Set The counter is triggered	ManagedElement_RncFunction_UtranCell.pmNoRabEstablishAttemptSpeech	Sum	ecttbh, Sum

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			immediately after a RANAP RAB Assignment Request message is received from CS CN with a speech RABs to be setup or modified. The counter is incremented independently of single or multi-RAB state.			
pmNoRabEstablishSuccessAmrNb	ACCUMULATION	INTEGER	Number of successful RAB establishments (AMR NB) for the best cell in the Active Set. Incremented after successful AMR-NB RAB Establishment (on DCH) after sending the RANAP AMR-NB RAB Assignment Response message to the CN.	ManagedElement_RncFunction_UtranCell.pmNoRabEstablishSuccessAmrNb	Sum	ecttbh, Sum
pmNoRabEstablishSuccessAmrWb	ACCUMULATION	INTEGER	Total number of successful RAB establishments for AMR WB. Counted only for the best cell in the Active set.	ManagedElement_RncFunction_UtranCell.pmNoRabEstablishSuccessAmrWb	Sum	ecttbh, Sum
pmNoRabEstablishSuccessCs57	ACCUMULATION	INT8	Number of successful RAB establishments (CS 57.6) for the	ManagedElement_RncFunction_UtranCell.pmNoRabEstablishSuccessCs57	Sum	ecttbh, Sum

			Best Cell in the Active Set.			
pmNoRabEstablishSuccessCS64	ACCUMULATION	INTEGER 8	Number of successful RAB establishments (CS 64) for the Best Cell in the Active Set. The counter is triggered for each CS64 RAB successfully setup or modified just before sending the RANAP RAB Assignment Response message to the CN.	ManagedElement_RncFunction_UtranCell.pmNoRabEstablishSuccessCS64	Sum	ecttbh, Sum
pmNoRabEstablishSuccessPacketInteractiveEul	ACCUMULATION	INTEGER	The number of successful RAB establishments for PS Interactive RAB mapped on E-DCH/HSDPA. Stepped for the Serving E-DCH cell at successful RAB/RB combination transition to PS Interactive E-DCH/HS - HSDSCH due to RAB establishment. Triggered after	ManagedElement_RncFunction_UtranCell.pmNoRabEstablishSuccessPacketInteractiveEul	Sum	ecttbh, Sum

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			sending of RAB Assignment Response (successful).			
pmNoRabEstablishSuccessPacketInteractiveHs	ACCUMULATION	INT8	The number of successful RAB establishments for PS Interactive RAB mapped on HS-DSCH.	ManagedElement_RncFunction_UtranCell.pmNoRabEstablishSuccessPacketInteractiveHs	Sum	ecttbh, Sum
pmNoRabEstablishSuccessPacketInteractive	ACCUMULATION	INT8	Number of successful RAB establishments (Interactive) for the Best Cell in the Active Set.	ManagedElement_RncFunction_UtranCell.pmNoRabEstablishSuccessPacketInteractive	Sum	ecttbh, Sum
pmNoRabEstablishSuccessPacket	ACCUMULATION	INT8	Number of successful RAB establishments (PS Data) for the Best Cell in the Active Set. The counter is triggered for each PS RAB successfully setup or modified just before sending the RANAP RAB Assignment Response message to the CN. The counter is incremented independently of single or multi-RAB state.	ManagedElement_RncFunction_UtranCell.pmNoRabEstablishSuccessPacket	Sum	ecttbh, Sum
pmNoRabEstablishSuccessPacketStream128	ACCUMULATION	INT8	Number of successful RAB establishments	ManagedElement_RncFunction_UtranCell.pmNoRabEstablishSuccessPacketStr	Sum	ecttbh, Sum

			(PS Streaming 128) referred to the Best Cell in the Active Set	eam128		
pmNoRabEstablishSuccessPacketStream	ACCUMULATION	INT8	Number of successful RAB establishments (streaming) for the Best Cell in the Active Set.	ManagedElement_RncFunction_UtranCell.pmNoRabEstablishSuccessPacketStream	Sum	ecttbh, Sum
pmNoRabEstablishSuccessSpeech	ACCUMULATION	INT8	Number of successful RAB establishments (Speech) for the Best Cell in the Active Set.	ManagedElement_RncFunction_UtranCell.pmNoRabEstablishSuccessSpeech	Sum	ecttbh, Sum
pmNoRabEstAttemptPsIntNonHs	ACCUMULATION	INTEGER	Number of RAB establishment attempts for the PS Interactive RAB in a non-HS configuration (i.e. on DCH or FACH). Reported on the best cell in the active set.	ManagedElement_RncFunction_UtranCell.pmNoRabEstAttemptPsIntNonHs	Sum	ecttbh, Sum
pmNoRabEstAttemptPsStreamHs	ACCUMULATION	INTEGER	Number of RAB establishment attempts for RAB type streaming PS (HS), counted on the HS-serving cell.	ManagedElement_RncFunction_UtranCell.pmNoRabEstAttemptPsStreamHs	Sum	ecttbh, Sum
pmNoRabEstBlkNodePsIntNonHsBest	ACCUMULATION	INTEGER	Number of RAB establishment attempts for	ManagedElement_RncFunction_UtranCell.pmNoRabEstBlkNodePsIntNonHsBe	Sum	ecttbh, Sum

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			RAB-type PS Interactive that are blocked due to node congestion or node failure, counted on the best cell.	st		
pmNoRabEstBlkNodePsStrNonHsBest	ACCUMULATION	INTEGER	Number of RAB establishment attempts for RAB-type PS Streaming that are blocked due to node congestion or node failure, counted on the best cell.	ManagedElement_RncFunction_UtranCell.pmNoRabEstBlkNodePsStrNonHsBest	Sum	ecttbh, Sum
pmNoRabEstBlockNodeCs57Best	ACCUMULATION	INTEGER	Number of RAB establishment attempts for RAB-type CS57 that are blocked due to node congestion or node failure, counted on the best cell.	ManagedElement_RncFunction_UtranCell.pmNoRabEstBlockNodeCs57Best	Sum	ecttbh, Sum
pmNoRabEstBlockNodeCs64Best	ACCUMULATION	INTEGER	Number of RAB establishment attempts for RAB-type CS64 that are blocked due to node congestion or node failure, counted on the best cell.	ManagedElement_RncFunction_UtranCell.pmNoRabEstBlockNodeCs64Best	Sum	ecttbh, Sum
pmNoRabEstBlockNodePsIntHsBest	ACCUMULATION	INTEGER	Number of RAB establishment attempts for RAB-type PS	ManagedElement_RncFunction_UtranCell.pmNoRabEstBlockNodePsIntHsBest	Sum	ecttbh, Sum

			Interactive for HS that are blocked due to node congestion or node failure, counted on the best cell.			
pmNoRabEstBlockNodePsStrHsBest	ACCUMULATION	INTEGER	Number of RAB establishment attempts for RAB-type PS Streaming for HS that are blocked due to node congestion or node failure, counted on the best cell.	ManagedElement_RncFunction_UtranCell.pmNoRabEstBlockNodePsStrHsBest	Sum	ecttbh, Sum
pmNoRabEstBlockNodeSpeechBest	ACCUMULATION	INTEGER	Number of RAB establishment attempts for RAB-type CS Speech that are blocked due to node congestion or node failure, counted on the best cell.	ManagedElement_RncFunction_UtranCell.pmNoRabEstBlockNodeSpeechBest	Sum	ecttbh, Sum
pmNoRabEstBlockRnBestPsStreamHs	ACCUMULATION	INTEGER	Number of RAB establishment attempts for RAB-type streaming PS unknown HS that are blocked due to RN congestion or RN failure, counted on the	ManagedElement_RncFunction_UtranCell.pmNoRabEstBlockRnBestPsStreamHs	Sum	ecttbh, Sum

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			best cell.			
pmNoRabEstBlockRnPsStreamHs	ACCUMULATION	INTEGER	Number of RAB establishment attempts for RAB-type streaming PS unknown HS that are blocked due to on the blocking cell.	ManagedElement_RncFunction_UtranCell.pmNoRabEstBlockRnPsStreamHs	Sum	ecttbh, Sum
pmNoRabEstBlockTnCs57Best	ACCUMULATION	INTEGER	Number of RAB establishment attempts for RAB-type CS57 that are blocked due to TN congestion or TN failure, counted on the best cell.	ManagedElement_RncFunction_UtranCell.pmNoRabEstBlockTnCs57Best	Sum	ecttbh, Sum
pmNoRabEstBlockTnCs57	ACCUMULATION	INTEGER	Number of RAB establishment attempts for RAB-type CS57 that are blocked due to TN congestion or TN failure, counted on the blocking cell.	ManagedElement_RncFunction_UtranCell.pmNoRabEstBlockTnCs57	Sum	ecttbh, Sum
pmNoRabEstBlockTnCs64Best	ACCUMULATION	INTEGER	Number of RAB establishment attempts for RAB-type CS64 that are blocked due to TN congestion or TN failure, counted on the best cell.	ManagedElement_RncFunction_UtranCell.pmNoRabEstBlockTnCs64Best	Sum	ecttbh, Sum
pmNoRabEstBlockTnCs64	ACCUMULATION	INTEGER	Number of RAB establishment attempts for	ManagedElement_RncFunction_UtranCell.pmNoRabEstBlockTnCs64	Sum	ecttbh, Sum

			RAB-type CS64 that are blocked due to TN congestion or TN failure, counted on the blocking cell.			
pmNoRabEstBlockTnP sIntHsBest	ACCUMULATION	INTERGER	Number of RAB establishment attempts for RAB-type PS Interactive for HS that are blocked due to TN congestion or TN failure, counted on the best cell.	ManagedElement_RncFunction_UtranCell.pmNoRabEstBlockTnP sIntHsBest	Sum	ecttbh, Sum
pmNoRabEstBlockTnP sIntHs	ACCUMULATION	INTERGER	Number of RAB establishment attempts for RAB-type PS Interactive for HS that are blocked due to TN congestion or TN failure, counted on the blocking cell.	ManagedElement_RncFunction_UtranCell.pmNoRabEstBlockTnP sIntHs	Sum	ecttbh, Sum
pmNoRabEstBlockTnP sIntNonHsBest	ACCUMULATION	INTERGER	Number of RAB establishment attempts for RAB-type PS Interactive that are blocked due to TN congestion or TN failure, counted on the best cell.	ManagedElement_RncFunction_UtranCell.pmNoRabEstBlockTnP sIntNonHsBest	Sum	ecttbh, Sum

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pmNoRabEstBlockTnPsIntNonHs	ACCUMULATION	INTEGER	Number of RAB establishment attempts for RAB-type PS Interactive that are blocked due to TN congestion or TN failure, counted on the blocking cell.	ManagedElement_RncFunction_UtranCell.pmNoRabEstBlockTnPsIntNonHs	Sum	ecttbh, Sum
pmNoRabEstBlockTnPsStreamHsBest	ACCUMULATION	INTEGER	Number of RAB establishment attempts for RAB-type PS Streaming for HS that are blocked due to TN congestion or TN failure, counted on the best cell.	ManagedElement_RncFunction_UtranCell.pmNoRabEstBlockTnPsStreamHsBest	Sum	ecttbh, Sum
pmNoRabEstBlockTnPsStrHs	ACCUMULATION	INTEGER	Number of RAB establishment attempts for RAB-type PS Streaming for HS that are blocked due to TN congestion or TN failure, counted on the blocking cell.	ManagedElement_RncFunction_UtranCell.pmNoRabEstBlockTnPsStrHs	Sum	ecttbh, Sum
pmNoRabEstBlockTnPsStrNonHsBest	ACCUMULATION	INTEGER	Number of RAB establishment attempts for RAB-type PS Streaming that are blocked due to TN congestion or TN failure, counted on the best cell.	ManagedElement_RncFunction_UtranCell.pmNoRabEstBlockTnPsStrNonHsBest	Sum	ecttbh, Sum
pmNoRabEstBlockTnPs	ACCUMULATION	INTEGER	Number of RAB	ManagedElement_RncFunction_UtranCell.pmNoRabEstBlockTnPs	Sum	ecttbh, Sum

sStrNonHs	MULATI ION	EG ER	establishment attempts for RAB-type PS Streaming that are blocked due to TN congestion or TN failure, counted on the blocking cell.	ction_UtranCell.pmNoRab EstBlockTnPsStrNonHs		h, Sum
pmNoRabEstBlockTnSpeechBest	ACCU MULATI ION	INT EG ER	Number of RAB establishment attempts for RAB-type Speech that are blocked due to TN congestion or TN failure, counted on the best cell.	ManagedElement_RncFunction_UtranCell.pmNoRab EstBlockTnSpeechBest	Sum	ecttb h, Sum
pmNoRabEstBlockTnSpeech	ACCU MULATI ION	INT EG ER	Number of RAB establishment attempts for RAB-type Speech that are blocked due to TN congestion or TN failure, counted on the blocking cell.	ManagedElement_RncFunction_UtranCell.pmNoRab EstBlockTnSpeech	Sum	ecttb h, Sum
pmNoRabEstSuccessPsIntNonHs	ACCU MULATI ION	INT EG ER	Number of successful RAB establishments for the PS Interactive RAB in a non-HS configuration (i.e. on DCH or FACH). Reported on the	ManagedElement_RncFunction_UtranCell.pmNoRab EstSuccessPsIntNonHs	Sum	ecttb h, Sum

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			best cell in the active set.			
pmNoRabEstSuccessPsStreamHs	ACCUMULATION	INTEGER	Number of successful RAB establishment attempts for RAB type streaming PS (HS), counted on the HS-serving cell.	ManagedElement_RncFunction_UtranCell.pmNoRabEstSuccessPsStreamHs	Sum	ecttbh, Sum
pmNoServingCellReqDeniedEulTti2	ACCUMULATION	INTEGER	Number of admission requests denied because the number of E-DCH 2 ms users is above the admission threshold, when requesting the cell as serving cell. Counted in the blocking cell.	ManagedElement_RncFunction_UtranCell.pmNoServingCellReqDeniedEulTti2	Sum	ecttbh
pmNoSystemRabReleaseAmrNb	ACCUMULATION	INTEGER	Number of system RAB releases (AMR NB) for the best cell in the Active Set.	ManagedElement_RncFunction_UtranCell.pmNoSystemRabReleaseAmrNb	Sum	ecttbh, Sum
pmNoSystemRabReleaseAmrWb	ACCUMULATION	INTEGER	Total number of system RAB releases for AMR-WB. Counted only for the best cell in the Active set.	ManagedElement_RncFunction_UtranCell.pmNoSystemRabReleaseAmrWb	Sum	ecttbh, Sum
pmNoSystemRabReleaseCs64	ACCUMULATION	INT8	Number of system RAB release for CS64.	ManagedElement_RncFunction_UtranCell.pmNoSystemRabReleaseCs64	Sum	ecttbh, Sum
pmNoSystemRabReleaseCsStream	ACCUMULATION	INT8	Number of system RAB	ManagedElement_RncFunction_UtranCell.pmNoSystem	Sum	ecttbh,

	ION		release for CS streaming.	emRabReleaseCsStream		Sum
pmNoSystemRabReleasePacket	ACCUMULATION	INTEGER	Number of system RAB release for packet.	ManagedElement_RncFunction_UtranCell.pmNoSystemRabReleasePacket	Sum	ecttbh, Sum
pmNoSystemRabReleasePacketStream128	ACCUMULATION	INTEGER	Number of successful system RAB releases (PS Streaming 128) referred to the Best Cell in the Active Set	ManagedElement_RncFunction_UtranCell.pmNoSystemRabReleasePacketStream128	Sum	ecttbh, Sum
pmNoSystemRabReleasePacketStream	ACCUMULATION	INTEGER	Number of system RAB release packet streaming.	ManagedElement_RncFunction_UtranCell.pmNoSystemRabReleasePacketStream	Sum	ecttbh, Sum
pmNoSystemRabReleasePacketUra	ACCUMULATION	INTEGER	Number of system RAB Release of Packet RAB while on URA_PCH. Increased each time there is a system RAB release of a Packet RAB, while in URA_PCH	ManagedElement_RncFunction_UtranCell.pmNoSystemRabReleasePacketUra	Sum	ecttbh, Sum
pmNoSystemRabReleasePsStreamHs	ACCUMULATION	INTEGER	Number of system initiated RAB releases for PS Interactive RAB mapped on E-DCH/HSDPA.	ManagedElement_RncFunction_UtranCell.pmNoSystemRabReleasePsStreamHs	Sum	ecttbh, Sum

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pmNoSystemRabReleaseSpeech	ACCUMULATION	INT8	Number of system RAB release for speech.	ManagedElement_RncFunction_UtranCell.pmNoSystemRabReleaseSpeech	Sum	ecttbh, Sum
pmNoSystemRbReleaseEul	ACCUMULATION	INTEGER	Number of system initiated RAB releases for PS Interactive RAB mapped on E-DCH/HSDPA. Stepped for the Serving E-DCH cell for release of RAB/RB combination PS Interactive E-DCH/HS - HS-DSCH due to same reasons as for stepping the existing counter pmNoSystemRabReleasePacket.	ManagedElement_RncFunction_UtranCell.pmNoSystemRbReleaseEul	Sum	ecttbh, Sum
pmNoSystemRbReleaseHs	ACCUMULATION	INT8	The number of releases of packet RABs mapped on HS-DSCH in the Serving HS-DSCH cell with all other causes than "Normal Release", "Successful Relocation", or "Resource Optimisation Relocation" indicated by the CN.	ManagedElement_RncFunction_UtranCell.pmNoSystemRbReleaseHs	Sum	ecttbh, Sum
pmNoSystemReleaseSrbOnly136	ACCUMULATION	INTEGER	Total number of system SRB 13.6/13.6	ManagedElement_RncFunction_UtranCell.pmNoSystemReleaseSrbOnly136	Sum	ecttbh

			releases. Incremented in the best cell in the active set.			
pmNoSystemReleaseSrbOnly34	ACCUMULATION	INTEGER	Total number of system SRB 3.4/3.4 releases. Incremented in the best cell in the active set.	ManagedElement_RncFunction_UtranCell.pmNoSystemReleaseSrbOnly34	Sum	ecttbh
pmNoTpSwitchSp64Speech	ACCUMULATION	INT8	-Obsolete in P6- Number of successful Packet RAB releases when changing from multi-Rab (Speech + PS64) to (Speech only) as a result of multi-RAB downswitch evaluation (throughput trigger).	ManagedElement_RncFunction_UtranCell.pmNoTpSwitchSp64Speech	Sum	ecttbh, Sum
pmRabEstablishEcAttempt	ACCUMULATION	INTEGER	Number of RAB Establishment attempts for an Emergency Call. Counter is stepped when an RAB establishment is received for an Emergency Call.	ManagedElement_RncFunction_UtranCell.pmRabEstablishEcAttempt	Sum	ecttbh, Sum
pmRabEstablishEcSuccess	ACCUMULATION	INTEGER	Number of successful RAB Establishment	ManagedElement_RncFunction_UtranCell.pmRabEstablishEcSuccess	Sum	ecttbh, Sum

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			attempts for an Emergency Call. Counter is stepped when an RAB establishment is received for an Emergency Call			
pmSamplesAmr12200RabEstablish	ACCUMULATION	INTEGER	Number of samples recorded within the ROP period for -Number of Speech AMR12200 RABs established-.	ManagedElement_RncFunction_UtranCell.pmSamplesAmr12200RabEstablish	Sum	ecttbh, Sum
pmSamplesAmr4750RabEstablish	ACCUMULATION	INTEGER	Number of samples recorded within the ROP period for -Number of Speech AMR4750 RABs established-.	ManagedElement_RncFunction_UtranCell.pmSamplesAmr4750RabEstablish	Sum	ecttbh, Sum
pmSamplesAmr5900RabEstablish	ACCUMULATION	INTEGER	Number of samples recorded within the ROP period for -Number of Speech AMR5900 RABs established-.	ManagedElement_RncFunction_UtranCell.pmSamplesAmr5900RabEstablish	Sum	ecttbh, Sum
pmSamplesAmr7950RabEstablish	ACCUMULATION	INTEGER	Number of samples recorded within the ROP period for -Number of Speech AMR7950 RABs established-.	ManagedElement_RncFunction_UtranCell.pmSamplesAmr7950RabEstablish	Sum	ecttbh, Sum
pmSamplesAmrNbMmRabEstablish	ACCUMULATION	INTEGER	Number of samples recorded	ManagedElement_RncFunction_UtranCell.pmSample	Sum	ecttbh

	ION	ER	within the ROP for pmSumAmrNbMmRabEstablish	sAmrNbMmRabEstablish		
pmSamplesAmrWbRabEstablish	ACCUMULATION	INTEGER	Number of samples recorded within the ROP period for number of active AMRWB RABs per cell .	ManagedElement_RncFunction_UtranCell.pmSamplesAmrWbRabEstablish	Sum	ecttbh, Sum
pmSamplesBestAmr12200RabEstablish	ACCUMULATION	INTEGER	Number of samples recorded within the ROP period for -Number of Speech AMR12200 RABs established- for the best cell in the Active Set.	ManagedElement_RncFunction_UtranCell.pmSamplesBestAmr12200RabEstablish	Sum	ecttbh, Sum
pmSamplesBestAmr4750RabEstablish	ACCUMULATION	INTEGER	Number of samples recorded within the ROP period for -Number of Speech AMR4750 RABs established- for the best cell in the Active Set.	ManagedElement_RncFunction_UtranCell.pmSamplesBestAmr4750RabEstablish	Sum	ecttbh, Sum
pmSamplesBestAmr5900RabEstablish	ACCUMULATION	INTEGER	Number of samples recorded within the ROP period for -Number of	ManagedElement_RncFunction_UtranCell.pmSamplesBestAmr5900RabEstablish	Sum	ecttbh, Sum

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			Speech AMR5900 RABs established- for the best cell in the Active Set.			
pmSamplesBestAmr7950RabEstablish	ACCUMULATION	INTEGER	Number of samples recorded within the ROP period for -Number of Speech AMR7950 RABs established- for the best cell in the Active Set.	ManagedElement_RncFunction_UtranCell.pmSamplesBestAmr7950RabEstablish	Sum	ecttbh, Sum
pmSamplesBestAmrNbMmRabEstablish	ACCUMULATION	INTEGER	Number of samples recorded within the ROP for pmSumBestAmrNbMmRabEstablish.	ManagedElement_RncFunction_UtranCell.pmSamplesBestAmrNbMmRabEstablish	Sum	ecttbh
pmSamplesBestAmrWbRabEstablish	ACCUMULATION	INTEGER	Number of samples recorded within the ROP period for number of active AMRWB RABs per best cell.	ManagedElement_RncFunction_UtranCell.pmSamplesBestAmrWbRabEstablish	Sum	ecttbh, Sum
pmSamplesBestCs12Establish	ACCUMULATION	INT8	Number of samples recorded once every 5 seconds within the ROP period for number of distinct CS speech users, referred to the best cell in the Active Set.	ManagedElement_RncFunction_UtranCell.pmSamplesBestCs12Establish	Sum	ecttbh, Sum
pmSamplesBestCs12PsIntRabEstablish	ACCUMULATION	INT8	Number of samples recorded within the ROP	ManagedElement_RncFunction_UtranCell.pmSamplesBestCs12PsIntRabEstablish	Sum	ecttbh, Sum

			period for 'Number of PS Interactive + Speech multi-RABs established, regardless of PS rate', for the best cell in the Active Set.	sh		
pmSamplesBestCs57RabEstablish	ACCUMULATION	INT8	Number of samples recorded within the ROP period for 'Number of streaming 57.6 kbit CS RABs established', for the best cell in the Active Set.	ManagedElement_RncFunction_UtranCell.pmSamplesBestCs57RabEstablish	Sum	ecttbh, Sum
pmSamplesBestCs64PsIntRabEstablish	ACCUMULATION	INT8	Number of samples recorded within the ROP period for 'Number of PS Interactive + conversational 64 kbps CS multi-RABs established', for the best cell in the Active Set.	ManagedElement_RncFunction_UtranCell.pmSamplesBestCs64PsIntRabEstablish	Sum	ecttbh, Sum
pmSamplesBestCs64RabEstablish	ACCUMULATION	INT8	Number of samples recorded within the ROP period for 'Number of conversational 64 kbit CS RABs	ManagedElement_RncFunction_UtranCell.pmSamplesBestCs64RabEstablish	Sum	ecttbh, Sum

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			established', for the best cell in the Active Set.			
pmSamplesBestDchPsIntRabEstablish	ACCUMULATION	INT8	Number of samples recorded within the ROP period for 'Number of PS Interactive RABs established, regardless of rate', for the best cell in the Active Set.	ManagedElement_RncFunction_UtranCell.pmSamplesBestDchPsIntRabEstablish	Sum	ecttbh, Sum
pmSamplesBestPsEulRabEstablish	ACCUMULATION	INTEGER	Stepped every time the corresponding sum counter of the best cell, pmSumBestPsEulRabEstablish, is incremented.	ManagedElement_RncFunction_UtranCell.pmSamplesBestPsEulRabEstablish	Sum	ecttbh, Sum
pmSamplesBestPsHsAdchRabEstablish	ACCUMULATION	INT8	Number of samples recorded within the ROP period for 'Number of A-DCHs established in the cell which is the best cell in the active set'.	ManagedElement_RncFunction_UtranCell.pmSamplesBestPsHsAdchRabEstablish	Sum	ecttbh, Sum
pmSamplesBestPsStr128Ps8RabEstablish	ACCUMULATION	INT8	Number of samples recorded during the ROP period for 'Number of PS Streaming 16/128 + Packet 8kbps PS multi-RABs established referred to the	ManagedElement_RncFunction_UtranCell.pmSamplesBestPsStr128Ps8RabEstablish	Sum	ecttbh, Sum

			best cell in the AS			
pmSamplesBestPsStr64Ps8RabEstablish	ACCUMULATION	INTEGER	Number of samples recorded within the ROP period for 'Number of PS Streaming 16/64 + Packet 8 kbps PS multi-RABs established referred to the best cell in the AS'	ManagedElement_RncFunction_UtranCell.pmSamplesBestPsStr64Ps8RabEstablish	Sum	ecttbh, Sum
pmSamplesBestPsStreamHsRabEst	ACCUMULATION	INTEGER	Number of samples in pmSumBestPsStreamHsRabEst (that is, pmSamplesBestPsStreamHsRabEst = pmSamplesBestPsStreamHsRabEst +1, whenever pmSampleBestPsStreamHsRabEst is to be updated).	ManagedElement_RncFunction_UtranCell.pmSamplesBestPsStreamHsRabEst	Sum	ecttbh, Sum
pmSamplesBestRrcOnlyEstablish	ACCUMULATION	INTEGER	Number of samples recorded within the ROP for pmSumBestRrcOnlyEstablish.	ManagedElement_RncFunction_UtranCell.pmSamplesBestRrcOnlyEstablish	Sum	ecttbh
pmSamplesBestSrbOnly34	ACCUMULATION	INTEGER	Number of samples recorded within the ROP	ManagedElement_RncFunction_UtranCell.pmSamplesBestSrbOnly34	Sum	ecttbh

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			for pmSumBestSrb Only34.		
pmsamplescs12ps0rabestablish	ACCUMULATION	INT8	Number of samples recorded within the ROP period for number of active speech CS plus 0/0 (UL/DL) PS multi RABs established.	ManagedElement_RncFunction_UtranCell.pmSamplesCs12Ps0RabEstablish	Sum ecttbh, Sum
pmsamplescs12ps64rabestablish	ACCUMULATION	INT8	Number of samples recorded within the ROP period for number of active speech CS plus 64/64 (UL/DL) PS multi RABs.	ManagedElement_RncFunction_UtranCell.pmSamplesCs12Ps64RabEstablish	Sum ecttbh, Sum
pmsamplescs12rabestablish	ACCUMULATION	INT8	Number of samples recorded within the ROP period for number of active speech 12.2 kbit RABs.	ManagedElement_RncFunction_UtranCell.pmSamplesCs12RabEstablish	Sum ecttbh, Sum
pmsamplescs57rabestablish	ACCUMULATION	INT8	Number of samples recorded within the ROP period for number of active CS57 kbit RAB connections.	ManagedElement_RncFunction_UtranCell.pmSamplesCs57RabEstablish	Sum ecttbh, Sum
pmSamplesCs64Ps8RabEstablish	ACCUMULATION	INT8	This number of samples recorded in the ROP period for the multi RAB UDI+8/8	ManagedElement_RncFunction_UtranCell.pmSamplesCs64Ps8RabEstablish	Sum ecttbh, Sum
pmsamplescs64rabestablish	ACCUMULATION	INT8	Number of samples recorded	ManagedElement_RncFunction_UtranCell.pmSample	Sum ecttbh,

	ION		within the ROP period for number of active conversational 64 kbit CS RAB connections.	sCs64RabEstablish		Sum
pmSamplesFachPsIntRabEstablish	ACCUMULATION	INT 8	Number of samples recorded within the ROP period for 'Number of PS RABs in state FACH established', for the best cell in the Active Set.	ManagedElement_RncFunction_UtranCell.pmSamplesFachPsIntRabEstablish	Sum	ecttbh, Sum
pmsamplesps128rabestablish	ACCUMULATION	INT 8	-Obsolete in P5, UtranCell- Number of samples recorded within the ROP period for number of 128 Kb PS RABs established, sampled once every 30 seconds.	ManagedElement_RncFunction_UtranCell.pmSamplesPs128RabEstablish	Sum	ecttbh, Sum
pmsamplesps384rabestablish	ACCUMULATION	INT 8	-Obsolete in P5, UtranCell- Number of samples recorded within the ROP period for number of 384 Kb PS RABs established, sampled once every 30	ManagedElement_RncFunction_UtranCell.pmSamplesPs384RabEstablish	Sum	ecttbh, Sum

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			seconds.		
pmsamplesps64rabestablish	ACCUMULATION	INT8	-Obsolete in P5, UtranCell-Number of samples recorded within the ROP period for number of active PS64 kbit RABs.	ManagedElement_RncFunction_UtranCell.pmSamplesPs64RabEstablish	Sum ecttbh, Sum
pmSamplesPsEulRabEstablish	ACCUMULATION	INTEGER	Stepped every time the corresponding sum counter of all cells, pmSumPsEulRabEstablish, is incremented	ManagedElement_RncFunction_UtranCell.pmSamplesPsEulRabEstablish	Sum ecttbh, Sum
pmSamplesPsHsAdchRabEstablish	ACCUMULATION	INT8	Number of samples recorded within the ROP period for 'Number of A-DCHs established'.	ManagedElement_RncFunction_UtranCell.pmSamplesPsHsAdchRabEstablish	Sum ecttbh, Sum
pmSamplesPsInteractive	ACCUMULATION	INTEGER	Number of samples recorded within the ROP period for -Number of Interactive PS RABs established excluding RABs on HS configurations or CELL_FACH-.	ManagedElement_RncFunction_UtranCell.pmSamplesPsInteractive	Sum ecttbh, Sum
pmSamplesPsStr128Ps8RabEstablish	ACCUMULATION	INT8	Number of samples recorded within the ROP period for 'Number of PS Streaming 16/128 + Packet	ManagedElement_RncFunction_UtranCell.pmSamplesPsStr128Ps8RabEstablish	Sum ecttbh, Sum

			8kbps PS multi-RABs established'		
pmSamplesPsStr64Ps8RabEstablish	ACCUMULATION	INT 8	Number of samples recorded within the ROP period for number of active PS streaming plus PS8 multi RABs.	ManagedElement_RncFunction_UtranCell.pmSamplesPsStr64Ps8RabEstablish	Sum h, Sum
pmSamplesPsStreamHsRabEst	ACCUMULATION	INTEGER	Number of samples in pmSumPsStreamHsRabEst (that is, pmSamplesPsStreamHsRabEst = pmSamplesPsStreamHsRabEst +1, whenever pmSumPsStreamHsRabEst is to be updated).	ManagedElement_RncFunction_UtranCell.pmSamplesPsStreamHsRabEst	Sum h, Sum
pmsamplesrabfach	ACCUMULATION	INT 8	-Obsolete in P6- Number of samples recorded within the ROP period for number of active PS RABs on FACH/RACH connections.	ManagedElement_RncFunction_UtranCell.pmSamplesRabFach	Sum h, Sum
pmsamplesrronlyestablish	ACCUMULATION	INT 8	Number of samples recorded within the ROP period for number of active	ManagedElement_RncFunction_UtranCell.pmSamplesRrcOnlyEstablish	Sum h, Sum

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			RRC-only connections.			
pmSamplesSrbOnly34	ACCUMULATION	INTEGER	Number of samples recorded within the ROP for pmSumSrbOnly34.	ManagedElement_RncFunction_UtranCell.pmSamplesSrbOnly34	Sum	ecttbh
pmSumAmr1220RabEstablish	ACCUMULATION	INTEGER	Sum of all sample values recorded within ROP period for - Number of Speech AMR1220 RABs established-. Based on an internal -level-counter, whose value is read every 5 seconds. The -level- counter maintains the current number of active AMR1220 RABs.	ManagedElement_RncFunction_UtranCell.pmSumAmr1220RabEstablish	Sum	ecttbh, Sum
pmSumAmr4750RabEstablish	ACCUMULATION	INTEGER	Sum of all sample values recorded within ROP period for - Number of Speech AMR4750 RABs established-. Based on an internal -level-counter, whose value is read every 5 seconds. The -level- counter	ManagedElement_RncFunction_UtranCell.pmSumAmr4750RabEstablish	Sum	ecttbh, Sum

			maintains the current number of active AMR4750 RABs.		
pmSumAmr5900RabEstablish	ACCUMULATION	INTER	Sum of all sample values recorded within ROP period for - Number of Speech AMR5900 RABs established-. Based on an internal -level-counter, whose value is read every 5 seconds. The -level-counter maintains the current number of active AMR5900 RABs.	ManagedElement_RncFunction_UtranCell.pmSumAmr5900RabEstablish	Sum ecttbh, Sum
pmSumAmr7950RabEstablish	ACCUMULATION	INTER	Sum of all sample values recorded within ROP period for - Number of Speech AMR7950 RABs established-. Based on an internal -level-counter, whose value is read every 5 seconds. The -level-counter	ManagedElement_RncFunction_UtranCell.pmSumAmr7950RabEstablish	Sum ecttbh, Sum

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			maintains the current number of active AMR7950 RABs.			
pmSumAmrNbMmRabEstablish	ACCUMULATION	INTEGER	Sum of all sample values recorded during a ROP for the number of established AMR-NB Multimode RABs.	ManagedElement_RncFunction_UtranCell.pmSumAmrNbMmRabEstablish	Sum	ecttbh
pmSumAmrWbRabEstablish	ACCUMULATION	INTEGER	Sum of all sample values recorded within ROP period for - Number of AMR-WB RABs established-.	ManagedElement_RncFunction_UtranCell.pmSumAmrWbRabEstablish	Sum	ecttbh, Sum
pmSumBestAmr12200RabEstablish	ACCUMULATION	INTEGER	Sum of all sample values recorded within ROP period for - Number of Speech AMR12200 RABs established- for the best cell in the Active Set. Based on an internal -level-counter, whose value is read every 5 seconds. The -level-counter maintains the current number of active AMR12200 RABs. It is also	ManagedElement_RncFunction_UtranCell.pmSumBestAmr12200RabEstablish	Sum	ecttbh, Sum

			updated whenever the Best Cell changes without a change to the Radio Link configuration.			
pmSumBestAmr4750RabEstablish	ACCUMULATION	INTEGER	Sum of all sample values recorded within ROP period for - Number of Speech AMR4750 RABs established- for the best cell in the Active Set. Based on an internal -level-counter, whose value is read every 5 seconds. The -level-counter maintains the current number of active AMR4750 RABs. It is also updated whenever the Best Cell changes without a change to the Radio Link configuration.	ManagedElement_RncFunction_UtranCell.pmSumBestAmr4750RabEstablish	Sum	ecttbh, Sum
pmSumBestAmr5900RabEstablish	ACCUMULATION	INTEGER	Sum of all sample values recorded within ROP period for -	ManagedElement_RncFunction_UtranCell.pmSumBestAmr5900RabEstablish	Sum	ecttbh, Sum

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			<p>Number of Speech AMR5900 RABs established- for the best cell in the Active Set. Based on an internal -level-counter, whose value is read every 5 seconds. The -level-counter maintains the current number of active AMR5900 RABs. It is also updated whenever the Best Cell changes without a change to the Radio Link configuration.</p>		
pmSumBestAmr7950RabEstablish	ACCUMULATION	INTEGER	<p>Sum of all sample values recorded within ROP period for - Number of Speech AMR7950 RABs established- for the best cell in the Active Set. Based on an internal -level-counter, whose value is read every 5 seconds. The -level-counter maintains the current number of active</p>	ManagedElement_RncFunction_UtranCell.pmSumBestAmr7950RabEstablish	Sum ecttbh, Sum

			AMR7950 RABs. It is also updated whenever the Best Cell changes without a change to the Radio Link configuration.		
pmSumBestAmrNbMmRabEstablish	ACCUMULATION	INTEGER	Sum of all sample values recorded during a ROP for number of established AMR-NB Multimode RABs. Incremented in the best cell in the active set.	ManagedElement_RncFunction_UtranCell.pmSumBestAmrNbMmRabEstablish	Sum ecttbh
pmSumBestAmrWbRabEstablish	ACCUMULATION	INTEGER	Sum of all sample values recorded within ROP period for - Number of AMR-WB RABs established- for the best cell in the Active Set.	ManagedElement_RncFunction_UtranCell.pmSumBestAmrWbRabEstablish	Sum ecttbh, Sum
pmSumBestCs12Establish	ACCUMULATION	INTEGER	Sum of all sample values recorded once every 5 seconds for number of distinct CS speech users, referred to the best cell in the	ManagedElement_RncFunction_UtranCell.pmSumBestCs12Establish	Sum ecttbh, Sum

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			Active Set.			
pmSumBestCs12PsIntRabEstablish	ACCUMULATION	INT8	Sum of all sample values recorded within the ROP period for 'Number of PS Interactive + Speech multi-RABs established, regardless of PS rate', for the best cell in the Active Set.	ManagedElement_RncFunction_UtranCell.pmSumBestCs12PsIntRabEstablish	Sum	ecttbh, Sum
pmSumBestCs57RabEstablish	ACCUMULATION	INT8	Sum of all sample values recorded within the ROP period for 'Number of streaming 57.6 kbit CS RABs established', for the best cell in the Active Set.'	ManagedElement_RncFunction_UtranCell.pmSumBestCs57RabEstablish	Sum	ecttbh, Sum
pmSumBestCs64PsIntRabEstablish	ACCUMULATION	INT8	Sum of all sample values recorded within the ROP period for 'Number of PS Interactive + conversational 64 kbps CS multi-RABs established', for the best cell in the Active Set.	ManagedElement_RncFunction_UtranCell.pmSumBestCs64PsIntRabEstablish	Sum	ecttbh, Sum
pmSumBestCs64RabEstablish	ACCUMULATION	INT8	Sum of all sample values recorded within the ROP period for 'Number of conversational 64 kbit CS RABs	ManagedElement_RncFunction_UtranCell.pmSumBestCs64RabEstablish	Sum	ecttbh, Sum

			established', for the best cell in the Active Set.			
pmSumBestDchPsIntRabEstablish	ACCUMULATION	INT8	Sum of all sample values recorded within the ROP period for 'Number of PS Interactive RABs established, regardless of rate', for the best cell in the Active Set.	ManagedElement_RncFunction_UtranCell.pmSumBestDchPsIntRabEstablish	Sum	ecttbh, Sum
pmSumBestPsEulRabEstablish	ACCUMULATION	INTEGER	Number of E-DCH radio bearers established in this cell when it is the best cell, incremented every 5 seconds.	ManagedElement_RncFunction_UtranCell.pmSumBestPsEulRabEstablish	Sum	ecttbh, Sum
pmSumBestPsHsAdchRabEstablish	ACCUMULATION	INT8	Sum of all sample values recorded for 'Number of A-DCHs established in the cell which is the best cell in the active set' .	ManagedElement_RncFunction_UtranCell.pmSumBestPsHsAdchRabEstablish	Sum	ecttbh, Sum
pmSumBestPsStr128Ps8RabEstablish	ACCUMULATION	INT8	Sum of all sample values recorded for 'Number of PS Streaming 16/128 + Packet	ManagedElement_RncFunction_UtranCell.pmSumBestPsStr128Ps8RabEstablish	Sum	ecttbh, Sum

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			8kbps PS multi-RABs established referred to the best cell in the AS'		
pmSumBestPsStr64Ps8RabEstablish	ACCUMULATION	INTEGER	Sum of all sample values recorded within the ROP period for 'Number of PS Streaming 16/64 + Packet 8kbps PS multi-RABs established referred to the best cell in the AS'	ManagedElement_RncFunction_UtranCell.pmSumBestPsStr64Ps8RabEstablish	Sum ecttbh, Sum
pmSumBestPsStreamHsRabEst	ACCUMULATION	INTEGER	Sum of all sample values recorded within the ROP period for -Number of PS Streaming HS RABs established-, for the best cell in the Active Set.	ManagedElement_RncFunction_UtranCell.pmSumBestPsStreamHsRabEst	Sum ecttbh, Sum
pmSumBestRrcOnlyEstablish	ACCUMULATION	INTEGER	Sum of all sample values recorded during a ROP for the number of established Standalone SRB 13.6. Incremented in the best cell in the active set.	ManagedElement_RncFunction_UtranCell.pmSumBestRrcOnlyEstablish	Sum ecttbh
pmSumBestSrbOnly34	ACCUMULATION	INTEGER	Sum of all sample values recorded during	ManagedElement_RncFunction_UtranCell.pmSumBestSrbOnly34	Sum ecttbh

			a ROP for the number of established Standalone SRB 3.4. Incremented in the best cell in the active set.		
pmsumcs12ps0rabestablish	ACCUMULATION	INT8	A snapshot of the total number of currently active speech CS plus 0/0 (UL/DL) PS multi RABs is recorded once every 30 seconds. This counter contains the sum of all the snapshot values taken in a ROP period added together.	ManagedElement_RncFunction_UtranCell.pmSumCs12Ps0RabEstablish	Sum ectbh, Sum
pmsumcs12ps64rabestablish	ACCUMULATION	INT8	A snapshot of the total number of currently active speech CS plus 64/64 (UL/DL) PS multi RABs is recorded once every 30 seconds. This counter contains the sum of all the snapshot values taken in a ROP period added together.	ManagedElement_RncFunction_UtranCell.pmSumCs12Ps64RabEstablish	Sum ectbh, Sum

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pmsumcs12rabestablish	ACCUMULATION	INT8	A snapshot of the total number of currently active speech 12.2 kbit RAB connections is recorded once every 5 seconds. This counter contains the sum of all the snapshot values taken in a ROP period added together.	ManagedElement_RncFunction_UtranCell.pmSumCs12RabEstablish	Sum	ecttbh, Sum
pmsumcs57rabestablish	ACCUMULATION	INT8	A snapshot of the total number of currently active CS 57 RABs is recorded once every 5 seconds. This counter contains the sum of all the snapshot values taken in a ROP period added together.	ManagedElement_RncFunction_UtranCell.pmSumCs57RabEstablish	Sum	ecttbh, Sum
pmSumCs64Ps8RabEstablish	ACCUMULATION	INT8	Sum of all samples recorded for the multi-RAB UDI+8/8	ManagedElement_RncFunction_UtranCell.pmSumCs64Ps8RabEstablish	Sum	ecttbh, Sum
pmsumcs64rabestablish	ACCUMULATION	INT8	A snapshot of the total number of currently active CS 64 RABs is recorded once every 5 seconds. This counter contains the sum of all the snapshot values	ManagedElement_RncFunction_UtranCell.pmSumCs64RabEstablish	Sum	ecttbh, Sum

			taken in a ROP period added together.			
pmSumFachPsIntRabEstablish	ACCUMULATION	INT 8	Sum of all sample values recorded within the ROP period for 'Number of PS RABs in state FACH established', for the best cell in the Active Set.	ManagedElement_RncFunction_UtranCell.pmSumFachPsIntRabEstablish	Sum	ecttbh, Sum
pmsumps128rabestablish	ACCUMULATION	INT 8	-Obsolete in P5, UtranCell- A snapshot of the total number of currently active PS128 kbit RABs is recorded once every 30 seconds. This counter contains the sum of all the snapshot values taken in a ROP period added together.	ManagedElement_RncFunction_UtranCell.pmSumPs128RabEstablish	Sum	ecttbh, Sum
pmsumps384rabestablish	ACCUMULATION	INT 8	-Obsolete in P5, UtranCell- A snapshot of the total number of currently active PS384 kbit RABs is recorded once every 30 seconds. This	ManagedElement_RncFunction_UtranCell.pmSumPs384RabEstablish	Sum	ecttbh, Sum

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			counter contains the sum of all the snapshot values taken in a ROP period added together.		
pmsumps64rabestablish	ACCUMULATION	INTEGER	-Obsolete in P5, UtranCell- A snapshot of the total number of currently active PS64 kbit RABs is recorded once every 30 seconds. This counter contains the sum of all the snapshot values taken in a ROP period added together.	ManagedElement_RncFunction_UtranCell.pmSumPs64RabEstablish	Sum ecttbh, Sum
pmSumPsEulRabEstablish	ACCUMULATION	INTEGER	Number of E-DCH radio bearers established in this cell, incremented every 5 seconds.	ManagedElement_RncFunction_UtranCell.pmSumPsEulRabEstablish	Sum ecttbh, Sum
pmSumPsHsAdchRabEstablish	ACCUMULATION	INTEGER	Sum of all sample values recorded for 'Number of A-DCHs established'.	ManagedElement_RncFunction_UtranCell.pmSumPsHsAdchRabEstablish	Sum ecttbh, Sum
pmSumPsInteractive	ACCUMULATION	INTEGER	Sum of all sample values recorded for -Number of Interactive PS RABs established excluding RABs on HS	ManagedElement_RncFunction_UtranCell.pmSumPsInteractive	Sum ecttbh, Sum

		<p>configurations or CELL_FACH-. Based on an internal level counter which is maintained by the RNC. Values are read periodically, every 5 seconds, from an internal level counter. Each read results in the pmSamplesPsInteractive counter being increased by one, and the actual value read from the level counter being added to the pmSumPsInteractive counter. The level counter maintains a snapshot of the number of active PS Interactive RABs, excluding Interactive RABs on HS configurations or CELL_FACH, at any instant in time. That is, the level counter can be decreased or increased. The level counter is updated by RRC</p>			
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			connection release, Channel Switching, Interfrequency Handover, RAB establishment, RAB release and Soft/Softer Handover.			
pmSumPsStr128Ps8RabEstablish	ACCUMULATION	INT8	Sum of all sample values recorded for 'Number of PS Streaming 16/128 + Packet 8kbps PS multi-RABs established'	ManagedElement_RncFunction_UtranCell.pmSumPsStr128Ps8RabEstablish	Sum	ecttbh, Sum
pmSumPsStr64Ps8RabEstablish	ACCUMULATION	INT8	Number of currently active PS Streaming + PS8 multi RABs is recorded once every 30 seconds. This counter contains the sum of all the snapshot values taken in a ROP period added together.	ManagedElement_RncFunction_UtranCell.pmSumPsStr64Ps8RabEstablish	Sum	ecttbh, Sum
pmSumPsStreamHsRabEst	ACCUMULATION	INTEGER	Sum of all sample values recorded within the ROP period for -Number of PS Streaming HS RABs established-.	ManagedElement_RncFunction_UtranCell.pmSumPsStreamHsRabEst	Sum	ecttbh, Sum
pmsumrabfach	ACCUMULATION	INT8	-Obsolete in P6- A snapshot of the total number of currently	ManagedElement_RncFunction_UtranCell.pmSumRabFach	Sum	ecttbh, Sum

			active PS RABs on RACH/FACH is recorded once every 30 seconds. This counter contains the sum of all the snapshot values taken in a ROP period added together.			
pmsumrronlyestablish	ACCUMULATION	INTEGER	A snapshot of the total number of currently active RRC only connection is recorded once every 30 seconds. This counter contains the sum of all the snapshot values taken in a ROP period added together.	ManagedElement_RncFunction_UtranCell.pmSumRrcOnlyEstablish	Sum	ecttbh, Sum
pmSumSrbOnly34	ACCUMULATION	INTEGER	Sum of all sample values recorded during a ROP for the number of established Standalone SRB 3.4.	ManagedElement_RncFunction_UtranCell.pmSumSrbOnly34	Sum	ecttbh

7.13.49Cell.Ericsson.UMTS.reconfig_PS_Int_RABs

Reconfigurations of PS Interactive RABs statistics

KPI	Type	Data	Descripti	Derivation	Defaul	Other
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		Type	on		t Aggregator	Aggregators
pmNoSuccRbReconfOrigPsIntDch	ACCUMULATION	INTEGER	Number of successful reconfigurations of PS Interactive RABs on CELL_DCH from DCH/DCCH at RAB Establishment, RAB Release and Channel Switching (any trigger reason).	ManagedElement_RncFunction_UtranCell.pmNoSuccRbReconfOrigPsIntDch	Sum	ecttbh, Sum
pmNoSuccRbReconfOrigPsIntEul	ACCUMULATION	INTEGER	Number of successful reconfigurations of PS Interactive RABs on CELL_DCH from EUL/HS at RAB Establishment, RAB	ManagedElement_RncFunction_UtranCell.pmNoSuccRbReconfOrigPsIntEul	Sum	ecttbh, Sum

			Release and Channel Switching (any trigger reason).			
pmNoSuccRbReconfOrigPsIntHs	ACCUMULATION	INTEGER	Number of successful reconfigurations of PS Interactive RABs on CELL_DCH from DCH/HS at RAB Establishment, RAB Release and Channel Switching (any trigger reason).	ManagedElement_RncFunction_UtranCell.pmNoSuccRbReconfOrigPsIntHs	Sum	ecttbh, Sum
pmNoSuccRbReconfPsIntDch	ACCUMULATION	INTEGER	Number of successful reconfigurations of PS Interactive RABs	ManagedElement_RncFunction_UtranCell.pmNoSuccRbReconfPsIntDch	Sum	ecttbh, Sum

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			on CELL_DCH to DCH/DCCH at RAB Establishment, RAB Release and Channel Switching (any trigger reason).			
pmNoSuccRbReconfPsIntEul	ACCUMULATION	INTEGER	Number of successful reconfigurations of PS Interactive RABs on CELL_DCH to EUL/HS at RAB Establishment, RAB Release and Channel Switching (any trigger reason).	ManagedElement_RncFunction_UtranCell.pmNoSuccRbReconfPsIntEul	Sum	ecttbh, Sum
pmNoSuccRbReconfPsIntHs	ACCUMULATION	INTEGER	Number of successful reconfigu	ManagedElement_RncFunction_UtranCell.pmNoSuccRbReconfPsIntHs	Sum	ecttbh, Sum

			rations of PS Interactive RABs on CELL_DCH to DCH/HS at RAB Establishment, RAB Release and Channel Switching (any trigger reason).			
pmPsIntDchToFachAtt	ACCUMULATION	INTEGER	Number of reconfiguration attempts from DCH/DC H to RACH/FACH for a PS Interactive RAB.	ManagedElement_RncFunction_UtranCell.pmPsIntDchToFachAtt	Sum	ecttbh, Sum
pmPsIntDchToFachSucc	ACCUMULATION	INTEGER	Number of successful reconfiguration attempts from	ManagedElement_RncFunction_UtranCell.pmPsIntDchToFachSucc	Sum	ecttbh, Sum

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			DCH/DCH to RACH/FACH for a PS Interactive RAB.			
pmPsIntHsToFachAtt	ACCUMULATION	INTEGER	Number of reconfiguration attempts from DCH/HS or EUL/HS to RACH/FACH for a PS Interactive RAB.	ManagedElement_RncFunction_UtranCell.pmPsIntHsToFachAtt	Sum	ecttbh, Sum
pmPsIntHsToFachSucc	ACCUMULATION	INTEGER	Number of successful reconfigurations from DCH/HS or EUL/HS to RACH/FACH for a PS Interactive RAB.	ManagedElement_RncFunction_UtranCell.pmPsIntHsToFachSucc	Sum	ecttbh, Sum

7.13.50Cell.Ericsson.UMTS.RES_Measurements_1

Radio Environment Measurement Statistics - 1

KPI	Type	Data Type	Description	Derivation	Default Aggregator	Other Aggregators
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pmRes1_0	ACCUMULATION	INTEGER	RES measurement results. This is pmRes1 array position 0, which contains (service*256 + measurement quantity)	ManagedElement_RncFunction_UtranCell.pmRes1_0	Sum	ecttbh, Sum
pmRes1_10	ACCUMULATION	INTEGER	RES measurement results. This is pmRes1 array position 10	ManagedElement_RncFunction_UtranCell.pmRes1_10	Sum	ecttbh, Sum
pmRes1_11	ACCUMULATION	INTEGER	RES measurement results. This is pmRes1 array position 11	ManagedElement_RncFunction_UtranCell.pmRes1_11	Sum	ecttbh, Sum
pmRes1_12	ACCUMULATION	INTEGER	RES measurement results. This is pmRes1 array position 12	ManagedElement_RncFunction_UtranCell.pmRes1_12	Sum	ecttbh, Sum
pmRes1_13	ACCUMULATION	INTEGER	RES measurement results. This is pmRes1 array position 13	ManagedElement_RncFunction_UtranCell.pmRes1_13	Sum	ecttbh, Sum
pmRes1_14	ACCUMULATION	INTEGER	RES measurement results. This is pmRes1 array position 14	ManagedElement_RncFunction_UtranCell.pmRes1_14	Sum	ecttbh, Sum
pmRes1_15	ACCUMULATION	INTEGER	RES measurement results. This is	ManagedElement_RncFunction_UtranCell.pmRes1_15	Sum	ecttbh, Sum

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			pmRes1 array position 15			
pmRes1_16	ACCUMULATION	INTEGER	RES measurement results. This is pmRes1 array position 16	ManagedElement_RncFunction_UtranCell.pmRes1_16	Sum	ecttbh, Sum
pmRes1_17	ACCUMULATION	INTEGER	RES measurement results. This is pmRes1 array position 17	ManagedElement_RncFunction_UtranCell.pmRes1_17	Sum	ecttbh, Sum
pmRes1_18	ACCUMULATION	INTEGER	RES measurement results. This is pmRes1 array position 18	ManagedElement_RncFunction_UtranCell.pmRes1_18	Sum	ecttbh, Sum
pmRes1_1	ACCUMULATION	INTEGER	RES measurement results. This is pmRes1 array position 1	ManagedElement_RncFunction_UtranCell.pmRes1_1	Sum	ecttbh, Sum
pmRes1_2	ACCUMULATION	INTEGER	RES measurement results. This is pmRes1 array position 2	ManagedElement_RncFunction_UtranCell.pmRes1_2	Sum	ecttbh, Sum
pmRes1_3	ACCUMULATION	INTEGER	RES measurement results. This is pmRes1 array position 3	ManagedElement_RncFunction_UtranCell.pmRes1_3	Sum	ecttbh, Sum
pmRes1_4	ACCUMULATION	INTEGER	RES measurement results. This is pmRes1 array position 4	ManagedElement_RncFunction_UtranCell.pmRes1_4	Sum	ecttbh, Sum
pmRes1_5	ACCUMULATION	INTEGER	RES measurement results. This is pmRes1 array	ManagedElement_RncFunction_UtranCell.pmRes1_5	Sum	ecttbh, Sum

			position 5			
pmRes1_6	ACCUMULATION	INTEGER	RES measurement results. This is pmRes1 array position 6	ManagedElement_RncFunction_UtranCell.pmRes1_6	Sum	ecttbh, Sum
pmRes1_7	ACCUMULATION	INTEGER	RES measurement results. This is pmRes1 array position 7	ManagedElement_RncFunction_UtranCell.pmRes1_7	Sum	ecttbh, Sum
pmRes1_8	ACCUMULATION	INTEGER	RES measurement results. This is pmRes1 array position 8	ManagedElement_RncFunction_UtranCell.pmRes1_8	Sum	ecttbh, Sum
pmRes1_9	ACCUMULATION	INTEGER	RES measurement results. This is pmRes1 array position 9	ManagedElement_RncFunction_UtranCell.pmRes1_9	Sum	ecttbh, Sum

7.13.51 Cell.Ericsson.UMTS.RES_Measurements_2

Radio Environment Measurement Statistics - 2

KPI	Type	Data Type	Description	Derivation	Default Aggregator	Other Aggregators
pmRes2_0	ACCUMULATION	INTEGER	RES measurement results. This is pmRes2 array position 0, which contains (service*256 + measurement	ManagedElement_RncFunction_UtranCell.pmRes2_0	Sum	ecttbh, Sum

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			quantity)			
pmRes2_10	ACCUMULATION	INTEGER	RES measurement results. This is pmRes2 array position 10	ManagedElement_RncFunction_UtranCell.pmRes2_10	Sum	ecttbh, Sum
pmRes2_11	ACCUMULATION	INTEGER	RES measurement results. This is pmRes2 array position 11	ManagedElement_RncFunction_UtranCell.pmRes2_11	Sum	ecttbh, Sum
pmRes2_12	ACCUMULATION	INTEGER	RES measurement results. This is pmRes2 array position 12	ManagedElement_RncFunction_UtranCell.pmRes2_12	Sum	ecttbh, Sum
pmRes2_13	ACCUMULATION	INTEGER	RES measurement results. This is pmRes2 array position 13	ManagedElement_RncFunction_UtranCell.pmRes2_13	Sum	ecttbh, Sum
pmRes2_14	ACCUMULATION	INTEGER	RES measurement results. This is pmRes2 array position 14	ManagedElement_RncFunction_UtranCell.pmRes2_14	Sum	ecttbh, Sum
pmRes2_15	ACCUMULATION	INTEGER	RES measurement results. This is pmRes2 array position 15	ManagedElement_RncFunction_UtranCell.pmRes2_15	Sum	ecttbh, Sum
pmRes2_16	ACCUMULATION	INTEGER	RES measurement results. This is pmRes2 array position 16	ManagedElement_RncFunction_UtranCell.pmRes2_16	Sum	ecttbh, Sum
pmRes2_17	ACCUMULATION	INTEGER	RES measurement results. This is pmRes2 array position 17	ManagedElement_RncFunction_UtranCell.pmRes2_17	Sum	ecttbh, Sum

pmRes2_18	ACCUMULATION	INTEGER	RES measurement results. This is pmRes2 array position 18	ManagedElement_RncFunction_UtranCell.pmRes2_18	Sum	ecttbh, Sum
pmRes2_1	ACCUMULATION	INTEGER	RES measurement results. This is pmRes2 array position 1	ManagedElement_RncFunction_UtranCell.pmRes2_1	Sum	ecttbh, Sum
pmRes2_2	ACCUMULATION	INTEGER	RES measurement results. This is pmRes2 array position 2	ManagedElement_RncFunction_UtranCell.pmRes2_2	Sum	ecttbh, Sum
pmRes2_3	ACCUMULATION	INTEGER	RES measurement results. This is pmRes2 array position 3	ManagedElement_RncFunction_UtranCell.pmRes2_3	Sum	ecttbh, Sum
pmRes2_4	ACCUMULATION	INTEGER	RES measurement results. This is pmRes2 array position 4	ManagedElement_RncFunction_UtranCell.pmRes2_4	Sum	ecttbh, Sum
pmRes2_5	ACCUMULATION	INTEGER	RES measurement results. This is pmRes2 array position 5	ManagedElement_RncFunction_UtranCell.pmRes2_5	Sum	ecttbh, Sum
pmRes2_6	ACCUMULATION	INTEGER	RES measurement results. This is pmRes2 array position 6	ManagedElement_RncFunction_UtranCell.pmRes2_6	Sum	ecttbh, Sum
pmRes2_7	ACCUMULATION	INTEGER	RES	ManagedElement_R	Sum	ecttbh,

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	TION	ER	measurement results. This is pmRes2 array position 7	ManagedElement_RncFunction_UtranCell.pmRes2_7	Sum	Sum
pmRes2_8	ACCUMULATION	INTEGER	RES measurement results. This is pmRes2 array position 8	ManagedElement_RncFunction_UtranCell.pmRes2_8	Sum	ecttbh, Sum
pmRes2_9	ACCUMULATION	INTEGER	RES measurement results. This is pmRes2 array position 9	ManagedElement_RncFunction_UtranCell.pmRes2_9	Sum	ecttbh, Sum

7.13.52Cell.Ericsson.UMTS.RES_Measurements_3

Radio Environment Measurement Statistics - 3

KPI	Type	Data Type	Description	Derivation	Default Aggregator	Other Aggregators
pmRes3_0	ACCUMULATION	INTEGER	RES measurement results. This is pmRes3 array position 0, which contains (service*256 + measurement quantity)	ManagedElement_RncFunction_UtranCell.pmRes3_0	Sum	ecttbh, Sum
pmRes3_10	ACCUMULATION	INTEGER	RES measurement results. This is pmRes3 array position 10	ManagedElement_RncFunction_UtranCell.pmRes3_10	Sum	ecttbh, Sum
pmRes3_11	ACCUMULATION	INTEGER	RES measurement results. This is pmRes3 array position 11	ManagedElement_RncFunction_UtranCell.pmRes3_11	Sum	ecttbh, Sum
pmRes3_12	ACCUMULATION	INTEGER	RES	ManagedElement_R	Sum	ecttbh,

	TION	ER	measurement results. This is pmRes3 array position 12	ncFunction_UtranCe ll.pmRes3_12		Sum
pmRes3_13	ACCUMULATION	INTEGER	RES measurement results. This is pmRes3 array position 13	ManagedElement_R ncFunction_UtranCe ll.pmRes3_13	Sum	ecttbh, Sum
pmRes3_14	ACCUMULATION	INTEGER	RES measurement results. This is pmRes3 array position 14	ManagedElement_R ncFunction_UtranCe ll.pmRes3_14	Sum	ecttbh, Sum
pmRes3_15	ACCUMULATION	INTEGER	RES measurement results. This is pmRes3 array position 15	ManagedElement_R ncFunction_UtranCe ll.pmRes3_15	Sum	ecttbh, Sum
pmRes3_16	ACCUMULATION	INTEGER	RES measurement results. This is pmRes3 array position 16	ManagedElement_R ncFunction_UtranCe ll.pmRes3_16	Sum	ecttbh, Sum
pmRes3_17	ACCUMULATION	INTEGER	RES measurement results. This is pmRes3 array position 17	ManagedElement_R ncFunction_UtranCe ll.pmRes3_17	Sum	ecttbh, Sum
pmRes3_18	ACCUMULATION	INTEGER	RES measurement results. This is pmRes3 array position 18	ManagedElement_R ncFunction_UtranCe ll.pmRes3_18	Sum	ecttbh, Sum
pmRes3_1	ACCUMULATION	INTEGER	RES measurement	ManagedElement_R ncFunction_UtranCe	Sum	ecttbh, Sum

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			results. This is pmRes3 array position 1	ll.pmRes3_1		
pmRes3_2	ACCUMULATION	INTEGER	RES measurement results. This is pmRes3 array position 2	ManagedElement_RncFunction_UtranCe ll.pmRes3_2	Sum	ecttbh, Sum
pmRes3_3	ACCUMULATION	INTEGER	RES measurement results. This is pmRes3 array position 3	ManagedElement_RncFunction_UtranCe ll.pmRes3_3	Sum	ecttbh, Sum
pmRes3_4	ACCUMULATION	INTEGER	RES measurement results. This is pmRes3 array position 4	ManagedElement_RncFunction_UtranCe ll.pmRes3_4	Sum	ecttbh, Sum
pmRes3_5	ACCUMULATION	INTEGER	RES measurement results. This is pmRes3 array position 5	ManagedElement_RncFunction_UtranCe ll.pmRes3_5	Sum	ecttbh, Sum
pmRes3_6	ACCUMULATION	INTEGER	RES measurement results. This is pmRes3 array position 6	ManagedElement_RncFunction_UtranCe ll.pmRes3_6	Sum	ecttbh, Sum
pmRes3_7	ACCUMULATION	INTEGER	RES measurement results. This is pmRes3 array position 7	ManagedElement_RncFunction_UtranCe ll.pmRes3_7	Sum	ecttbh, Sum
pmRes3_8	ACCUMULATION	INTEGER	RES measurement results. This is pmRes3 array position 8	ManagedElement_RncFunction_UtranCe ll.pmRes3_8	Sum	ecttbh, Sum
pmRes3_9	ACCUMULATION	INTEGER	RES measurement results. This is	ManagedElement_RncFunction_UtranCe ll.pmRes3_9	Sum	ecttbh, Sum

			pmRes3 array position 9			
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7.13.53Cell.Ericsson.UMTS.RES_Measurements_4

Radio Environment Measurement Statistics - 4

KPI	Type	Data Type	Description	Derivation	Default Aggregator	Other Aggregators
pmRes4_0	ACCUMULATION	INTEGER	RES measurement results. This is pmRes4 array position 0, which contains (service*256 + measurement quantity)	ManagedElement_RncFunction_UtranCell.pmRes4_0	Sum	ecttbh, Sum
pmRes4_10	ACCUMULATION	INTEGER	RES measurement results. This is pmRes4 array position 10	ManagedElement_RncFunction_UtranCell.pmRes4_10	Sum	ecttbh, Sum
pmRes4_11	ACCUMULATION	INTEGER	RES measurement results. This is pmRes4 array position 11	ManagedElement_RncFunction_UtranCell.pmRes4_11	Sum	ecttbh, Sum
pmRes4_12	ACCUMULATION	INTEGER	RES measurement results. This is pmRes4 array position 12	ManagedElement_RncFunction_UtranCell.pmRes4_12	Sum	ecttbh, Sum
pmRes4_13	ACCUMULATION	INTEGER	RES measurement results. This is	ManagedElement_RncFunction_UtranCell.pmRes4_13	Sum	ecttbh, Sum

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			pmRes4 array position 13			
pmRes4_14	ACCUMULATION	INTEGER	RES measurement results. This is pmRes4 array position 14	ManagedElement_RncFunction_UtranCell.pmRes4_14	Sum	ecttbh, Sum
pmRes4_15	ACCUMULATION	INTEGER	RES measurement results. This is pmRes4 array position 15	ManagedElement_RncFunction_UtranCell.pmRes4_15	Sum	ecttbh, Sum
pmRes4_16	ACCUMULATION	INTEGER	RES measurement results. This is pmRes4 array position 16	ManagedElement_RncFunction_UtranCell.pmRes4_16	Sum	ecttbh, Sum
pmRes4_17	ACCUMULATION	INTEGER	RES measurement results. This is pmRes4 array position 17	ManagedElement_RncFunction_UtranCell.pmRes4_17	Sum	ecttbh, Sum
pmRes4_18	ACCUMULATION	INTEGER	RES measurement results. This is pmRes4 array position 18	ManagedElement_RncFunction_UtranCell.pmRes4_18	Sum	ecttbh, Sum
pmRes4_1	ACCUMULATION	INTEGER	RES measurement results. This is pmRes4 array position 1	ManagedElement_RncFunction_UtranCell.pmRes4_1	Sum	ecttbh, Sum
pmRes4_2	ACCUMULATION	INTEGER	RES measurement results. This is pmRes4 array position 2	ManagedElement_RncFunction_UtranCell.pmRes4_2	Sum	ecttbh, Sum
pmRes4_3	ACCUMULATION	INTEGER	RES measurement results. This is pmRes4 array	ManagedElement_RncFunction_UtranCell.pmRes4_3	Sum	ecttbh, Sum

			position 3			
pmRes4_4	ACCUMULATION	INTEGER	RES measurement results. This is pmRes4 array position 4	ManagedElement_RncFunction_UtranCell.pmRes4_4	Sum	ecttbh, Sum
pmRes4_5	ACCUMULATION	INTEGER	RES measurement results. This is pmRes4 array position 5	ManagedElement_RncFunction_UtranCell.pmRes4_5	Sum	ecttbh, Sum
pmRes4_6	ACCUMULATION	INTEGER	RES measurement results. This is pmRes4 array position 6	ManagedElement_RncFunction_UtranCell.pmRes4_6	Sum	ecttbh, Sum
pmRes4_7	ACCUMULATION	INTEGER	RES measurement results. This is pmRes4 array position 7	ManagedElement_RncFunction_UtranCell.pmRes4_7	Sum	ecttbh, Sum
pmRes4_8	ACCUMULATION	INTEGER	RES measurement results. This is pmRes4 array position 8	ManagedElement_RncFunction_UtranCell.pmRes4_8	Sum	ecttbh, Sum
pmRes4_9	ACCUMULATION	INTEGER	RES measurement results. This is pmRes4 array position 9	ManagedElement_RncFunction_UtranCell.pmRes4_9	Sum	ecttbh, Sum

7.13.54Cell.Ericsson.UMTS.RES_Measurements_5

Radio Environment Measurement Statistics - 5

KPI	Type	Data	Description	Derivation	Default	Other
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		Type			Aggregator	Aggregators
pmRes5_0	ACCUMULATION	INTEGER	RES measurement results. This is pmRes5 array position 0, which contains (service*256 + measurement quantity)	ManagedElement_RncFunction_UtranCell.pmRes5_0	Sum	ecttbh, Sum
pmRes5_10	ACCUMULATION	INTEGER	RES measurement results. This is pmRes5 array position 10	ManagedElement_RncFunction_UtranCell.pmRes5_10	Sum	ecttbh, Sum
pmRes5_11	ACCUMULATION	INTEGER	RES measurement results. This is pmRes5 array position 11	ManagedElement_RncFunction_UtranCell.pmRes5_11	Sum	ecttbh, Sum
pmRes5_12	ACCUMULATION	INTEGER	RES measurement results. This is pmRes5 array position 12	ManagedElement_RncFunction_UtranCell.pmRes5_12	Sum	ecttbh, Sum
pmRes5_13	ACCUMULATION	INTEGER	RES measurement results. This is pmRes5 array position 13	ManagedElement_RncFunction_UtranCell.pmRes5_13	Sum	ecttbh, Sum
pmRes5_14	ACCUMULATION	INTEGER	RES measurement results. This is pmRes5 array position 14	ManagedElement_RncFunction_UtranCell.pmRes5_14	Sum	ecttbh, Sum
pmRes5_15	ACCUMULATION	INTEGER	RES measurement results. This is pmRes5 array position 15	ManagedElement_RncFunction_UtranCell.pmRes5_15	Sum	ecttbh, Sum

pmRes5_16	ACCUMULATION	INTEGER	RES measurement results. This is pmRes5 array position 16	ManagedElement_RncFunction_UtranCell.pmRes5_16	Sum	ecttbh, Sum
pmRes5_17	ACCUMULATION	INTEGER	RES measurement results. This is pmRes5 array position 17	ManagedElement_RncFunction_UtranCell.pmRes5_17	Sum	ecttbh, Sum
pmRes5_18	ACCUMULATION	INTEGER	RES measurement results. This is pmRes5 array position 18	ManagedElement_RncFunction_UtranCell.pmRes5_18	Sum	ecttbh, Sum
pmRes5_1	ACCUMULATION	INTEGER	RES measurement results. This is pmRes5 array position 1	ManagedElement_RncFunction_UtranCell.pmRes5_1	Sum	ecttbh, Sum
pmRes5_2	ACCUMULATION	INTEGER	RES measurement results. This is pmRes5 array position 2	ManagedElement_RncFunction_UtranCell.pmRes5_2	Sum	ecttbh, Sum
pmRes5_3	ACCUMULATION	INTEGER	RES measurement results. This is pmRes5 array position 3	ManagedElement_RncFunction_UtranCell.pmRes5_3	Sum	ecttbh, Sum
pmRes5_4	ACCUMULATION	INTEGER	RES measurement results. This is pmRes5 array position 4	ManagedElement_RncFunction_UtranCell.pmRes5_4	Sum	ecttbh, Sum
pmRes5_5	ACCUMULATION	INTEGER	RES	ManagedElement_R	Sum	ecttbh,

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	TION	ER	measurement results. This is pmRes5 array position 5	ncFunction_UtranCell.pmRes5_5		Sum
pmRes5_6	ACCUMULATION	INTEGER	RES measurement results. This is pmRes5 array position 6	ManagedElement_RncFunction_UtranCell.pmRes5_6	Sum	ecttbh, Sum
pmRes5_7	ACCUMULATION	INTEGER	RES measurement results. This is pmRes5 array position 7	ManagedElement_RncFunction_UtranCell.pmRes5_7	Sum	ecttbh, Sum
pmRes5_8	ACCUMULATION	INTEGER	RES measurement results. This is pmRes5 array position 8	ManagedElement_RncFunction_UtranCell.pmRes5_8	Sum	ecttbh, Sum
pmRes5_9	ACCUMULATION	INTEGER	RES measurement results. This is pmRes5 array position 9	ManagedElement_RncFunction_UtranCell.pmRes5_9	Sum	ecttbh, Sum

7.13.55Cell.Ericsson.UMTS.RES_Measurements_6

Radio Environment Measurement Statistics - 6

KPI	Type	Data Type	Description	Derivation	Default Aggregator	Other Aggregators
pmRes6_0	ACCUMULATION	INTEGER	RES measurement results. This is pmRes6 array position 0, which contains (service*256 + measurement quantity)	ManagedElement_RncFunction_UtranCell.pmRes6_0	Sum	ecttbh, Sum
pmRes6_10	ACCUMULATION	INTEGER	RES	ManagedElement_R	Sum	ecttbh,

	TION	ER	measurement results. This is pmRes6 array position 10	ncFunction_UtranCe ll.pmRes6_10		Sum
pmRes6_11	ACCUMULATION	INTEGER	RES measurement results. This is pmRes6 array position 11	ManagedElement_R ncFunction_UtranCe ll.pmRes6_11	Sum	ecttbh, Sum
pmRes6_12	ACCUMULATION	INTEGER	RES measurement results. This is pmRes6 array position 12	ManagedElement_R ncFunction_UtranCe ll.pmRes6_12	Sum	ecttbh, Sum
pmRes6_13	ACCUMULATION	INTEGER	RES measurement results. This is pmRes6 array position 13	ManagedElement_R ncFunction_UtranCe ll.pmRes6_13	Sum	ecttbh, Sum
pmRes6_14	ACCUMULATION	INTEGER	RES measurement results. This is pmRes6 array position 14	ManagedElement_R ncFunction_UtranCe ll.pmRes6_14	Sum	ecttbh, Sum
pmRes6_15	ACCUMULATION	INTEGER	RES measurement results. This is pmRes6 array position 15	ManagedElement_R ncFunction_UtranCe ll.pmRes6_15	Sum	ecttbh, Sum
pmRes6_16	ACCUMULATION	INTEGER	RES measurement results. This is pmRes6 array position 16	ManagedElement_R ncFunction_UtranCe ll.pmRes6_16	Sum	ecttbh, Sum
pmRes6_17	ACCUMULATION	INTEGER	RES measurement	ManagedElement_R ncFunction_UtranCe	Sum	ecttbh, Sum

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			results. This is pmRes6 array position 17	ll.pmRes6_17		
pmRes6_18	ACCUMULATION	INTEGER	RES measurement results. This is pmRes6 array position 18	ManagedElement_RncFunction_UtranCell.pmRes6_18	Sum	ecttbh, Sum
pmRes6_1	ACCUMULATION	INTEGER	RES measurement results. This is pmRes6 array position 1	ManagedElement_RncFunction_UtranCell.pmRes6_1	Sum	ecttbh, Sum
pmRes6_2	ACCUMULATION	INTEGER	RES measurement results. This is pmRes6 array position 2	ManagedElement_RncFunction_UtranCell.pmRes6_2	Sum	ecttbh, Sum
pmRes6_3	ACCUMULATION	INTEGER	RES measurement results. This is pmRes6 array position 3	ManagedElement_RncFunction_UtranCell.pmRes6_3	Sum	ecttbh, Sum
pmRes6_4	ACCUMULATION	INTEGER	RES measurement results. This is pmRes6 array position 4	ManagedElement_RncFunction_UtranCell.pmRes6_4	Sum	ecttbh, Sum
pmRes6_5	ACCUMULATION	INTEGER	RES measurement results. This is pmRes6 array position 5	ManagedElement_RncFunction_UtranCell.pmRes6_5	Sum	ecttbh, Sum
pmRes6_6	ACCUMULATION	INTEGER	RES measurement results. This is pmRes6 array position 6	ManagedElement_RncFunction_UtranCell.pmRes6_6	Sum	ecttbh, Sum
pmRes6_7	ACCUMULATION	INTEGER	RES measurement results. This is	ManagedElement_RncFunction_UtranCell.pmRes6_7	Sum	ecttbh, Sum

			pmRes6 array position 7			
pmRes6_8	ACCUMULATION	INTEGER	RES measurement results. This is pmRes6 array position 8	ManagedElement_RncFunction_UtranCell.pmRes6_8	Sum	ecttbh, Sum
pmRes6_9	ACCUMULATION	INTEGER	RES measurement results. This is pmRes6 array position 9	ManagedElement_RncFunction_UtranCell.pmRes6_9	Sum	ecttbh, Sum

7.13.56Cell.Ericsson.UMTS.RLC_Packet_Data

Radio bearer packet data statistics.

KPI	Type	Data Type	Description	Derivation	Default Aggregator	Other Aggregators
Avg_pmActDIRlcTotPacketThp	INTENSITY	FLOAT	-Obsolete in P6-Average DL RLC throughput measurements (that is, incremented by the measured throughput amount, including user data, retransmissions, padding bits, data PDU headers and RLC control PDUs.	thresholddiv({pmSumActDIRlcTotPacketThp}, {pmSamplesActDIRlcTotPacketThp},0,0)	Average	Average, ecttbh, Maximum, Minimum, Sum
Avg_pmActDIRlcUserPacketThp	INTENSITY	FLOAT	-Obsolete in P6-Average DL RLC throughput measurements (that	thresholddiv({pmSumActDIRlcUserPacketThp}, {pmSamplesActDIRlcUserPacketThp},0,0)	Average	Average, ecttbh,

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			is, incremented by the measured RLC throughput amount, including user data but excluding retransmissions, padding bits, data PDU headers and RLC control PDUs.			Maximum, Minimum, Sum
Avg_pmActUIRlcTotPacketThp	INTENSITY	FLOAT	-Obsolete in P6-Average UL RLC throughput measurements (that is, incremented by the measured RLC throughput amount, including user data, retransmissions, padding bits, data PDU headers and RLC control PDUs.	thresholddiv({pmSumActUIRlcTotPacketThp}, {pmSamplesActUIRlcTotPacketThp},0,0)	Average	Average, ecttbh, Maximum, Minimum, Sum
Avg_pmActUIRlcUserPacketThp	INTENSITY	FLOAT	-Obsolete in P6-Average UL RLC throughput measurements (that is, incremented by the measured RLC throughput amount, including user data but excluding retransmissions, padding bits, data PDU headers and RLC control PDUs.	thresholddiv({pmSumActUIRlcUserPacketThp}, {pmSamplesActUIRlcUserPacketThp},0,0)	Average	Average, ecttbh, Maximum, Minimum, Sum
pmDchDIRlcUserPacketThp_Avg	INTENSITY	FLOAT	The average R99 DL RLC throughput (user data), excluding retransmissions.	ManagedElement_RncFunction_UtranCell.pmDchDIRlcUserPacketThp_Avg	Average	Average, ecttbh, Maximum, Minimum, Sum

pmDchDIRlcUserPacketThp_Max	INTENSITY	FLOAT	The maximum R99 DL RLC throughput (user data), excluding retransmissions.	ManagedElement_RncFunction_UtranCell.pmDchDIRlcUserPacketThp_Max	Constant	Average, ecttbbh , Maximum, Minimum, Sum
pmDchDIRlcUserPacketThp_Min	INTENSITY	FLOAT	The minimum R99 DL RLC throughput (user data), excluding retransmissions.	ManagedElement_RncFunction_UtranCell.pmDchDIRlcUserPacketThp_Min	Minimum	Average, ecttbbh , Maximum, Minimum, Sum
pmDchUIRlcUserPacketThp_Avg	INTENSITY	FLOAT	The average R99 UL RLC throughput (user data), excluding retransmissions.	ManagedElement_RncFunction_UtranCell.pmDchUIRlcUserPacketThp_Avg	Average	Average, ecttbbh , Maximum, Minimum, Sum
pmDchUIRlcUserPacketThp_Max	INTENSITY	FLOAT	The maximum R99 UL RLC throughput (user data), excluding retransmissions.	ManagedElement_RncFunction_UtranCell.pmDchUIRlcUserPacketThp_Max	Constant	Average, ecttbbh , Maximum, Minimum, Sum
pmDchUIRlcUserPacketThp_Min	INTENSITY	FLOAT	The minimum R99 UL RLC	ManagedElement_RncFunction_UtranCell.pmDch	Minimum	Average,

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			throughput (user data), excluding retransmissions.	UIRlcUserPacketThp_Min		ecttbbh, Maximum, Minimum, Sum
pmNoDiscardSduDtchDIPsStreaming	ACCUMULATION	INTEGER	Total number of discarded SDUs on a DTCH in the downlink direction for a PS Streaming RB. Measured only in SRNC, on the best cell in the active set.	ManagedElement_RncFunction_UtranCell.pmNoDiscardSduDtchDIPsStreaming	Sum	ecttbbh, Sum
pmNoDiscardSduDtchHsPsStream	ACCUMULATION	INTEGER	Total number of discarded SDUs on a HS DTCH for a PS Streaming RB.	ManagedElement_RncFunction_UtranCell.pmNoDiscardSduDtchHsPsStream	Sum	ecttbbh, Sum
pmNoReceivedSduDtchDIPsStreaming	ACCUMULATION	INTEGER	Total number of received SDUs on a DTCH in DL for a PS Streaming RB. Measured only in SRNC, on the best cell in the active set.	ManagedElement_RncFunction_UtranCell.pmNoReceivedSduDtchDIPsStreaming	Sum	ecttbbh, Sum
pmNoReceivedSduDtchHsPsStream	ACCUMULATION	INTEGER	Total number of received SDUs on a DTCH in the uplink direction for a PS Streaming RB.	ManagedElement_RncFunction_UtranCell.pmNoReceivedSduDtchHsPsStream	Sum	ecttbbh, Sum
pmNoReceivedSduDtchUIPsStreaming	ACCUMULATION	INTEGER	Total number of received SDUs on a DTCH in UL for a PS Streaming RB. Measured only in SRNC, on the best cell in the active set.	ManagedElement_RncFunction_UtranCell.pmNoReceivedSduDtchUIPsStreaming	Sum	ecttbbh, Sum
pmSamplesActDIRI	ACCUMULATION	INT	-Obsolete in P6-	ManagedElement_RncFu	Sum	ecttbbh

cTotPacketThp	ULATIO N	EGE R	Reported for one PS Interactive Radio Bearer (RB), irrespective of the corresponding transport channel (DCH, FACH, E-DCH, HS-DSCH). Number of samples in pmSumActDIRlcTotPacketThp (that is, pmSamplesActDIRlcTotPacketThp = pmSamplesActDIRlcTotPacketThp + 1, whenever pmSumActDIRlcTotPacketThp is to be updated). Measured two times/second. Incremented by one if pmSumActDIRlcTotPacketThp > 0 for the same polling_time duration. Range: [0, 1800].	nction_UtranCell.pmSamplesActDIRlcTotPacketThp		, Sum
pmSamplesActDIRlcUserPacketThp	ACCUM ULATIO N	INT EGE R	-Obsolete in P6- Reported for one PS Interactive Radio Bearer (RB), irrespective of the corresponding transport channel (DCH, FACH, E-DCH, HS-DSCH). Number of samples in	ManagedElement_RncFunction_UtranCell.pmSamplesActDIRlcUserPacketThp	Sum	ectt bh , Sum

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			<p>pmSumActDIRlcUserPacketThp (that is, pmSamplesActDIRlcUserPacketThp = pmSamplesActDIRlcUserPacketThp +1, whenever pmSumActDIRlcUserPacketThp is to be updated). Measured two times/second. Incremented by one if pmSumActDIRlcUserPacketThp > 0 for the same polling time duration. Range: [0, 1800].</p>		
pmSamplesActUIRlcTotPacketThp	ACCUMULATION	INTEGER	<p>-Obsolete in P6- Reported for one PS Interactive Radio Bearer (RB), irrespective of the corresponding transport channel (DCH, FACH, E-DCH, HS-DSCH). Number of samples in pmSumActUIRlcTotPacketThp (that is, pmSamplesActUIRlcTotPacketThp = pmSamplesActUIRlcTotPacketThp +1, whenever pmSumActUIRlcTotPacketThp is to be updated, this means if no data is transmitted the counter is not incremented).</p>	ManagedElement_RncFunction_UtranCell.pmSamplesActUIRlcTotPacketThp	Sum , Sum

			Measured two times/second. Incremented by one if pmSumActUIRlcTo tPacketThp > 0 for the same polling_time duration. Range: [0, 1800].		
pmSamplesActUIRlcUserPacketThp	ACCUMULATION	INTEGER	-Obsolete in P6- Reported for one PS Interactive Radio Bearer (RB), irrespective of the corresponding transport channel (DCH, FACH, E-DCH, HS-DSCH). Number of samples in mSumActUIRlcUserPacketThp (that is, pmSamplesActUIRlcUserPacketThp = pmSamplesActUIRlcUserPacketThp +1, whenever pmSumActUIRlcUserPacketThp is to be updated). Measured two times/second. Incremented by one if pmSumActUIRlcUserPacketThp > 0 for the same polling time duration. Range: [0, 1800].	ManagedElement_RncFunction_UtranCell.pmSamplesActUIRlcUserPacketThp	Sum , Sum

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pmSamplesDchDIRlcTotPacketThp	ACCUMULATION	INTEGER	Number of samples in pmSumDchDIRlcTotPacketThp (i.e. pmSamplesDchDIRlcTotPacketThp= pmSamplesDchDIRlcTotPacketThp+1, whenever pmSumDchDIRlcTotPacketThp is to be updated).	ManagedElement_RncFunction_UtranCell.pmSamplesDchDIRlcTotPacketThp	Sum	ecttbh, Sum
pmSamplesDchDIRlcUserPacketThp	ACCUMULATION	INTEGER	Number of samples in pmSumDchDIRlcUserPacketThp (i.e. pmSamplesDchDIRlcUserPacketThp = pmSamplesDchDIRlcUserPacketThp +1, whenever pmSumDchDIRlcUserPacketThp is to be updated).	ManagedElement_RncFunction_UtranCell.pmSamplesDchDIRlcUserPacketThp	Sum	ecttbh, Sum
pmSamplesDchUIRlcTotPacketThp	ACCUMULATION	INTEGER	Number of samples in pmSumDchUIRlcUserPacketThp (i.e. pmSamplesDchUIRlcTotPacketThp= pmSamplesDchUIRlcTotPacketThp+1, whenever pmSumDchUIRlcTotPacketThp is to be updated).	ManagedElement_RncFunction_UtranCell.pmSamplesDchUIRlcTotPacketThp	Sum	ecttbh, Sum
pmSamplesDchUIRlcUserPacketThp	ACCUMULATION	INTEGER	Number of samples in pmSumDchUIRlcUserPacketThp (i.e. pmSamplesDchUIRlcUserPacketThp = pmSamplesDchUIRlcUserPacketThp	ManagedElement_RncFunction_UtranCell.pmSamplesDchUIRlcUserPacketThp	Sum	ecttbh, Sum

			+1, whenever pmSumDchUIRlcUserPacketThp is to be updated).			
pmSamplesDIRlcUserThpCsConv	ACCUMULATION	INTEGER	Number of samples recorded within the ROP for pmSumDIRlcUserThpCsConv.	ManagedElement_RncFunction_UtranCell.pmSamplesDIRlcUserThpCsConv	Sum	ecttbh, Sum
pmSamplesDIRlcUserThpCsStream	ACCUMULATION	INTEGER	Number of samples recorded within the ROP for pmSumDIRlcUserThpCsStream.	ManagedElement_RncFunction_UtranCell.pmSamplesDIRlcUserThpCsStream	Sum	ecttbh, Sum
pmSamplesDIRlcUserThpPsStream128	ACCUMULATION	INTEGER	Number of samples in pmSumDIRlcUserThpPsStream128 (that is, pmSamplesDIRlcUserThpPsStream128 = pmSamplesDIRlcUserThpPsStream128 + 1, whenever pmSumDIRlcUserThpPsStream128 is to be updated) Reset at each ROP period.	ManagedElement_RncFunction_UtranCell.pmSamplesDIRlcUserThpPsStream128	Sum	ecttbh, Sum
pmSamplesDIRlcUserThpPsStream64	ACCUMULATION	INTEGER	Number of samples in pmSumDIRlcUserThpPsStream64 (that is, pmSamplesDIRlcUserThpPsStream64	ManagedElement_RncFunction_UtranCell.pmSamplesDIRlcUserThpPsStream64	Sum	ecttbh, Sum

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			= pmSamplesDIRlcUserThpPsStream64 + 1, whenever pmSumDIRlcUserThpPsStream64 is to be updated) Reset at each ROP period.		
pmSamplesDIRlcUserThpPsStreamHs	ACCUMULATION	INTEGER	Number of samples in pmSumDIRlcUserThpPsStreamHs (that is, pmSamplesDIRlcUserThpPsStreamHs = pmSamplesDIRlcUserThpPsStreamHs +1, whenever pmSumDIRlcUserThpPsStreamHs is to be updated). Reset at each ROP period.	ManagedElement_RncFunction_UtranCell.pmSamplesDIRlcUserThpPsStreamHs	Sum ecttbh, Sum
pmSamplesDIRlcUserThpSpeech	ACCUMULATION	INTEGER	Number of samples recorded within the ROP for pmSumDIRlcUserThpSpeech.	ManagedElement_RncFunction_UtranCell.pmSamplesDIRlcUserThpSpeech	Sum ecttbh, Sum
pmSamplesUIRlcUserThpCsConv	ACCUMULATION	INTEGER	Number of samples recorded within the ROP for pmSumUIRlcUserThpCsConv.	ManagedElement_RncFunction_UtranCell.pmSamplesUIRlcUserThpCsConv	Sum ecttbh, Sum
pmSamplesUIRlcUserThpCsStream	ACCUMULATION	INTEGER	Number of samples recorded within the ROP for pmSumUIRlcUserThpCsStream.	ManagedElement_RncFunction_UtranCell.pmSamplesUIRlcUserThpCsStream	Sum ecttbh, Sum
pmSamplesUIRlcUserThpPsStream128	ACCUMULATION	INTEGER	Number of samples in pmSumUIRlcUserThpPsStream128 (that is,	ManagedElement_RncFunction_UtranCell.pmSamplesUIRlcUserThpPsStream128	Sum ecttbh, Sum

			pmSamplesUIRlcUserThpPsStream128 = pmSamplesUIRlcUserThpPsStream128 +1, whenever pmSumUIRlcUserThpPsStream128 is to be updated). Reset at each ROP period.		
pmSamplesUIRlcUserThpPsStream16	ACCUMULATION	INTEGER	Number of samples in pmSumUIRlcUserThpPsStream16 (that is, pmSamplesUIRlcUserThpPsStream16 = pmSamplesUIRlcUserThpPsStream16 + 1, whenever pmSumUIRlcUserThpPsStream16 is to be updated) Reset at each ROP period.	ManagedElement_RncFunction_UtranCell.pmSamplesUIRlcUserThpPsStream16	Sum ecttbh, Sum
pmSamplesUIRlcUserThpPsStream32	ACCUMULATION	INTEGER	Number of samples in pmSumUIRlcUserThpPsStream32 (that is, pmSamplesUIRlcUserThpPsStream32 = pmSamplesUIRlcUserThpPsStream32 +1, whenever pmSumUIRlcUserThpPsStream32 is to be updated). Reset	ManagedElement_RncFunction_UtranCell.pmSamplesUIRlcUserThpPsStream32	Sum ecttbh, Sum

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			at each ROP period			
pmSamplesUIRlcUserThpSpeech	ACCUMULATION	INTEGER	Number of samples recorded within the ROP for pmSumUIRlcUserThpSpeech.	ManagedElement_RncFunction_UtranCell.pmSamplesUIRlcUserThpSpeech	Sum	ecttbh, Sum
pmSumActDIRlcTotPacketThp	ACCUMULATION	INTEGER	-Obsolete in P6- Reported for one PS Interactive Radio Bearer (RB), irrespective of the corresponding transport channel (DCH, FACH, E-DCH, HS-DSCH). Number of samples in pmSumActDIRlcTotPacketThp (that is, pmSamplesActDIRlcTotPacketThp = pmSamplesActDIRlcTotPacketThp +1, whenever pmSumActDIRlcTotPacketThp is to be updated).	ManagedElement_RncFunction_UtranCell.pmSumActDIRlcTotPacketThp	Sum	ecttbh, Sum
pmSumActDIRlcUserPacketThp	ACCUMULATION	INTEGER	-Obsolete in P6- Reported for one PS Interactive Radio Bearer (RB), irrespective of the corresponding transport channel (DCH, FACH, E-DCH, HS-DSCH). Number of samples in pmSumActDIRlcUserPacketThp (that is, pmSamplesActDIRlcUserPacketThp = pmSamplesActDIRlc	ManagedElement_RncFunction_UtranCell.pmSumActDIRlcUserPacketThp	Sum	ecttbh, Sum

			<p>cUserPacketThp +1, whenever pmSumActDIRlcUserPacketThp is to be updated). Measured two times/second. Incremented by one if pmSumActDIRlcUserPacketThp > 0 for the same polling time duration. Range: [0, 1800].</p>		
pmSumActUIRlcTotPacketThp	ACCUMULATION	INTEGER	<p>-Obsolete in P6- Reported for one PS Interactive Radio Bearer (RB), irrespective of the corresponding transport channel (DCH, FACH, E-DCH, HS-DSCH). Number of samples in pmSumActUIRlcTotPacketThp (that is, pmSamplesActUIRlcTotPacketThp = pmSamplesActUIRlcTotPacketThp +1, whenever pmSumActUIRlcTotPacketThp is to be updated, this means if no data is transmitted the counter is not incremented). Measured two</p>	ManagedElement_RncFunction_UtranCell.pmSumActUIRlcTotPacketThp	Sum, Sum

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			times/second. Incremented by one if pmSumActUIRlcTotPacketThp > 0 for the same polling_time duration. Range: [0, 1800].		
pmSumActUIRlcUserPacketThp	ACCUMULATION	INTEGER	-Obsolete in P6- Reported for one PS Interactive Radio Bearer (RB), irrespective of the corresponding transport channel (DCH, FACH, E-DCH, HS-DSCH). Number of samples in pmSumActUIRlcUserPacketThp (that is, pmSamplesActUIRlcUserPacketThp = pmSamplesActUIRlcUserPacketThp +1, whenever pmSumActUIRlcUserPacketThp is to be updated). Condition Measured two times/second. Incremented by one if pmSumActUIRlcUserPacketThp > 0 for the same polling time duration. Range: [0, 1800].	ManagedElement_RncFunction_UtranCell.pmSumActUIRlcUserPacketThp	Sum ecttbh, Sum
pmSumDchDIRlcTotPacketThp	ACCUMULATION	INTEGER	Aggregate of R99 DL RLC throughput measurements (i.e.	ManagedElement_RncFunction_UtranCell.pmSumDchDIRlcTotPacketThp	Sum ecttbh, Sum

			incremented by the measured throughput amount, including retransmissions: $pmSumDchDIRlcTotPacketThp = pmSumDchDIRlcTotPacketThp + throughput_measure$			
pmSumDchDIRlcUserPacketThp	ACCUMULATION	INTEGER	Aggregate of R99 DL RLC throughput measurements (i.e. incremented by the measured RLC throughput amount, excluding retransmissions: $pmSumDchDIRlcUserPacketThp = pmSumDchDIRlcUserPacketThp + throughput_measure$	ManagedElement_RncFunction_UtranCell.pmSumDchDIRlcUserPacketThp	Sum	ecttbh, Sum
pmSumDchUIRlcTotPacketThp	ACCUMULATION	INTEGER	Aggregate of R99 UL RLC throughput measurements (i.e. incremented by the measured RLC throughput amount, including retransmissions: $pmSumDchUIRlcTotPacketThp = pmSumDchUIRlcTotPacketThp + throughput_measure$	ManagedElement_RncFunction_UtranCell.pmSumDchUIRlcTotPacketThp	Sum	ecttbh, Sum

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			e).		
pmSumDchUIRlcUserPacketThp	ACCUMULATION	INTEGER	Aggregate of R99 UL RLC throughput measurements (i.e. incremented by the measured RLC throughput amount, excluding retransmissions: pmSumDchUIRlcUserPacketThp = pmSumDchUIRlcUserPacketThp + throughput_measure).	ManagedElement_RncFunction_UtranCell.pmSumDchUIRlcUserPacketThp	Sum, ecttbh, Sum
pmSumDIRlcUserThpCsConv	ACCUMULATION	INTEGER	Sum of all sample values recorded during a ROP for the average downlink RLC Transparent Mode user-data throughput for CS Conversational Data RABs.	ManagedElement_RncFunction_UtranCell.pmSumDIRlcUserThpCsConv	Sum, ecttbh, Sum
pmSumDIRlcUserThpCsStream	ACCUMULATION	INTEGER	Sum of all sample values recorded during a ROP for the average downlink RLC Transparent Mode user-data throughput for CS Streaming RABs.	ManagedElement_RncFunction_UtranCell.pmSumDIRlcUserThpCsStream	Sum, ecttbh, Sum
pmSumDIRlcUserThpPsStream128	ACCUMULATION	INTEGER	Aggregate of DL RLC throughput measurements (that is, incremented by the measured RLC throughput amount, excluding retransmissions,	ManagedElement_RncFunction_UtranCell.pmSumDIRlcUserThpPsStream128	Sum, ecttbh, Sum

			padding bits, data PDU headers and RLC control messages). Not incremented when data volume = 0. Used to calculate the DL RLC throughput for Streaming PS 128 kbps DCH. Measured only in SRNC, on the best cell in the active set.			
pmSumDIRlcUserThpPsStream64	ACCUMULATION	INTEGER	Aggregate of DL RLC throughput measurements (that is, incremented by the measured RLC throughput amount, excluding retransmissions, padding bits, data PDU headers and RLC control messages). Not incremented when data volume = 0. Used to calculate the DL RLC throughput for Streaming PS 64 kbps DCH. Measured only in SRNC, on the best cell in the active set.	ManagedElement_RncFunction_UtranCell.pmSumDIRlcUserThpPsStream64	Sum	ecttbh, Sum
pmSumDIRlcUserThpPsStreamHs	ACCUMULATION	INTEGER	Aggregate of DL RLC throughput	ManagedElement_RncFunction_UtranCell.pmSum	Sum	ecttbh, Sum

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	N	R	measurements (that is, incremented by the measured RLC throughput amount, excluding retransmissions and RLC control messages). Not incremented when data volume = 0. Used to calculate the downlink RLC throughput for Streaming PS HSDPA. Measured in the HS serving cell in kbit/s	DIRlcUserThpPsStreamHs		
pmSumDIRlcUserThpSpeech	ACCUMULATION	INTEGER	Sum of all sample values recorded during a ROP for the average downlink RLC Transparent Mode user-data throughput for Speech (AMR-NB and AMR-WB) RABs.	ManagedElement_RncFunction_UtranCell.pmSumDIRlcUserThpSpeech	Sum	ecttbh, Sum
pmSumUIRlcUserThpCsConv	ACCUMULATION	INTEGER	Sum of all sample values recorded during a ROP for the average uplink RLC Transparent Mode user-data throughput for CS Conversational Data RABs.	ManagedElement_RncFunction_UtranCell.pmSumUIRlcUserThpCsConv	Sum	ecttbh, Sum
pmSumUIRlcUserThpCsStream	ACCUMULATION	INTEGER	Sum of all sample values recorded during a ROP for the average uplink RLC Transparent Mode user-data throughput for CS	ManagedElement_RncFunction_UtranCell.pmSumUIRlcUserThpCsStream	Sum	ecttbh, Sum

			Streaming RABs.			
pmSumUIRlcUserThpPsStream128	ACCUMULATION	INTEGER	Aggregate of UL RLC throughput measurements (that is, incremented by the measured RLC throughput amount, excluding retransmissions and RLC control messages). Not incremented when data volume = 0. Used to calculate the uplink RLC throughput for Streaming PS 128 kbps DCH. Measured on the best cell in the active set in kbit/s.	ManagedElement_RncFunction_UtranCell.pmSumUIRlcUserThpPsStream128	Sum	ecttbh, Sum
pmSumUIRlcUserThpPsStream16	ACCUMULATION	INTEGER	Aggregate of UL RLC throughput measurements (that is, incremented by the measured RLC throughput amount, excluding retransmissions, padding bits, data PDU headers, and RLC control messages). Not incremented when data volume = 0. Used to calculate the UL RLC throughput for Streaming PS 16 kbps DCH.	ManagedElement_RncFunction_UtranCell.pmSumUIRlcUserThpPsStream16	Sum	ecttbh, Sum

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			Measured only in SRNC, on the best cell in the active set.			
pmSumUIRlcUserThpPsStream32	ACCUMULATION	INTEGER	Aggregate of UL RLC throughput measurements (that is, incremented by the measured RLC throughput amount, excluding retransmissions and RLC control messages). Not incremented when data volume = 0. Used to calculate the uplink RLC throughput for Streaming PS 32 kbps DCH. Measured on the best cell in the active set in kbit/s.	ManagedElement_RncFunction_UtranCell.pmSumUIRlcUserThpPsStream32	Sum	ecttbh, Sum
pmSumUIRlcUserThpSpeech	ACCUMULATION	INTEGER	Sum of all sample values recorded during a ROP for the average uplink RLC Transparent Mode user-data throughput for Speech (AMR-NB and AMR-WB) RABs.	ManagedElement_RncFunction_UtranCell.pmSumUIRlcUserThpSpeech	Sum	ecttbh, Sum

7.13.57Cell.Ericsson.UMTS.rrc_connection_setup_and_release

UTRAN Radio resource control setup and release.

KPI	Type	Data Type	Description	Derivation	Default Aggregator	Other Aggregators
–	PERCENT	FLO	Percenta	100 *	Avera	Averag

%_abnormal_disconnect ion_cch	AGE	AT	Percentage Abnormal Disconn ections CCH.	{pmnocellfachdisconnectab norm}/ {pmtotnorreconnectreqsucc ess}	Average	Average, ecttbbh
%_abnormal_disconnect ion_dch	PERCENT AGE	FLO AT	Percenta ge Abnorm al Disconn ections DCH.	100 * {pmnocelldchdisconnectabn orm}/ {pmtotnorreconnectreqsucc ess}	Avera ge	Averag e, ecttbbh
%_DCH_Dropped_Call s_Speech	PERCENT AGE	FLO AT	Percenta ge of abnorma l speech disconne ctions from dedicate d channels to number of normal speech disconne ctions on dedicate d channels. This formula covers speech only, even though it	100 * {pmnospeechdchdiscabnor m}/ ({pmnospeechdchdiscnorm al} + {pmnospeechdchdiscabnor m})	Avera ge	Averag e, ecttbbh

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			is in a sheet covering both speech and CS Data.			
$\bar{\%}_{pmTotNoTermRrcConnectReqCsSucc}$	PERCENT AGE	FLO AT	Percentage number of successful mobile terminating conversational RRC connections. Successful RRC connections with cause -Terminating Conversational Call- (excluding subsequent retransmissions).	$100 * \frac{\{pmTotNoTermRrcConnectReqCsSucc\}}{\{pmTotNoTermRrcConnectReqCs\}}$	Average	Average, ecttbh
$\bar{\%}_{pmTotNoTermRrcConnectReqPsSucc}$	PERCENT AGE	FLO AT	Percentage number of successful mobile terminating	$100 * \frac{\{pmTotNoTermRrcConnectReqPsSucc\}}{\{pmTotNoTermRrcConnectReqPs\}}$	Average	Average, ecttbh

			ng Interacti ve and Backgro und RRC connecti ons. Successf ul RRC connecti ons with cause -Termina ting Interacti ve Call- or- Terminat ing Backgro und Call- (excludi ng subseque nt retransm issions).			
$\frac{\text{pmTotNoTermRrcConnectReqSucc}}{\text{pmTotNoTermRrcConnectReq}}$	PERCENT AGE	FLO AT	Percenta ge of successf ul RRC connecti ons with cause -Termina ting Convers ational Call-, -Termina	$100 * \frac{\text{pmTotNoTermRrcConnectReqSucc}}{\text{pmTotNoTermRrcConnectReq}}$	Avera ge	Averag e, ecttbh

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			<p>ting Streamin g Call-, - Terminat ing Interacti ve Call-, -Termina ting Backgro und Call-, -Termina ting High Priority Signalin g-, -Termina ting Low Priority Signalin g-, or -Termina ting ? cause unknown - (excludi ng subseque nt retransm issions).</p>			
<code>_%_rrc_conn_drop_rate</code>	PERCENT AGE	FLO AT	Percenta ge dropped RRC connecti ons.	$100 * \frac{(\{pmnocelldchdisconnectabnorm\} + \{pmnocellfachdisconnectabnorm\})}{\{pmtotnorreconnectreqsuccess\}}$	Avera ge	Averag e, ecttbh
<code>_%_rrc_conn_setup_succ ess</code>	PERCENT AGE	FLO AT	Percenta ge successf ul RRC	$100 * \frac{\{pmtotnorreconnectreqsuccess\}}{\{pmtotnorreconnectreq\}}$	Avera ge	Averag e, ecttbh

			connections setups.			
%_RRC_Connection_Setup_Success_PS_Data	PERCENT AGE	FLOAT	Percentage of successful RRC connections to number of total number of RRC connection Requests .	$100 * \frac{\{pmtotnorrconnectreqpsucc\}}{\{pmtotnorrconnectreqps\}}$	Average	Average, ecttbh
%_RRC_Connection_Setup_Success_PS	PERCENT AGE	FLOAT	Percentage of total number of successful RRC connection requests to the total number of RRC connection requests.	$100 * \frac{\{pmtotnorrconnectreqpsucc\}}{\{pmtotnorrconnectreqps\}}$	Average	Average, ecttbh
%_RRC_Connection_Setup_Success_Speech_CS64	PERCENT AGE	FLOAT	Percentage of successful RRC connections	$100 * \frac{\{pmtotnorrconnectreqcssucc\}}{\{pmtotnorrconnectreqcs\}}$	Average	Average, ecttbh

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			ons to number of total RRC connection Requests			
%_RRC_Connection_Setup_SuccessCS	PERCENTAGE	FLOAT	Percentage of total number of successful RRC connection requests to the total number of RRC connection requests These counters include both Speech and CS 64-RABs.	$100 * \frac{\text{\{pmtotnorrconnectreqcssucc\}}}{\text{\{pmtotnorrconnectreqcs\}}}$	Average	Average, ecttbh
dl_traffic_per_abnormal_disconnection	PERCENTAGE	FLOAT	DL Traffic per abnormal disconnection.	$100 * \frac{\text{\{Ericsson.traffic_volume.to tal_dl_traffic\}}}{\text{\{Ericsson.rrc_connection_setup_and_release.pmnocell dchdisconnectabnorm\}}}$	Average	Average, ecttbh
pmnocell dchdisconnectabnorm	ACCUMULATION	INT8	Number of abnormal	ManagedElement_RncFunction_UtranCell.pmNoCellDchDisconnectAbnorm	Sum	ecttbh, Sum

			disconnections from DCHs (Cell_DCH state).			
pmnocelldchdisconnectnormal	ACCUMULATION	INT8	Number of normal disconnections from DCHs (Cell_DCH state).	ManagedElement_RncFunction_UtranCell.pmNoCellDchDisconnectNormal	Sum	ecttbh, Sum
pmnocellfachdisconnectabnorm	ACCUMULATION	INT8	Number of abnormal disconnections from common channels (CELL_FACH state).	ManagedElement_RncFunction_UtranCell.pmNoCellFachDisconnectAbnorm	Sum	ecttbh, Sum
pmnocellfachdisconnectnormal	ACCUMULATION	INT8	Number of normal disconnections from common channels (CELL_FACH state).	ManagedElement_RncFunction_UtranCell.pmNoCellFachDisconnectNormal	Sum	ecttbh, Sum

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pmnocs64dchdiscabnorm	ACCUMULATION	INT8	Number of abnormal disconnects of a conversational 64 kbps call for the best cell in the active set.	ManagedElement_RncFunction_UtranCell.pmNoCs64DchDiscAbnorm	Sum	ecttbh, Sum
pmnocs64dchdiscnormal	ACCUMULATION	INT8	Number of normal disconnects of a conversational 64 kbps call for the best cell in the active set.	ManagedElement_RncFunction_UtranCell.pmNoCs64DchDiscNormal	Sum	ecttbh, Sum
pmnocsstreamdchdiscabnorm	ACCUMULATION	INT8	Number of abnormal disconnects of a streaming 57.6 kbps call for the best cell in the active set.	ManagedElement_RncFunction_UtranCell.pmNoCsStreamDchDiscAbnorm	Sum	ecttbh, Sum
pmnocsstreamdchdiscnormal	ACCUMULATION	INT8	Number of normal	ManagedElement_RncFunction_UtranCell.pmNoCsStreamDchDiscNormal	Sum	ecttbh, Sum

			discon ects of a streamin g 57.6 kbps call for the best cell in the active set.			
pmNoFailedRrcConnect ReqCsHw	ACCUMU LATION	INTE GER	Number of CS calls denied by admissio n control due to insuffici ent licensed capacity in the RBS.	ManagedElement_RncFunc tion_UtranCell.pmNoFailed RrcConnectReqCsHw	Sum	ecttbh, Sum
pmNoFailedRrcConnect ReqHw	ACCUMU LATION	INTE GER	Number of RRC requests denied by admissio n control due to insuffici ent licensed capacity in the RBS.	ManagedElement_RncFunc tion_UtranCell.pmNoFailed RrcConnectReqHw	Sum	ecttbh, Sum
pmNoFailedRrcConnect	ACCUMU	INTE	Number	ManagedElement_RncFunc	Sum	ecttbh,

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ReqPsHw	LATION	GER	of PS calls denied by admission control due to insufficient licensed capacity in the RBS.	tion_UtranCell.pmNoFailedRrcConnectReqPsHw		Sum
pmNoLoadSharingRrcConnCs	ACCUMULATION	INTEGER	Number of Conversational (originating and terminating) Load Sharing RRC Connection attempts.	ManagedElement_RncFunction_UtranCell.pmNoLoadSharingRrcConnCs	Sum	ecttbh, Sum
pmNoLoadSharingRrcConn	ACCUMULATION	INT8	Number of Load Sharing diversions when establishing an RRC connection.	ManagedElement_RncFunction_UtranCell.pmNoLoadSharingRrcConn	Sum	ecttbh, Sum
pmNoLoadSharingRrcConnPs	ACCUMULATION	INTEGER	Number of Packet (originating and terminating) Load Sharing RRC	ManagedElement_RncFunction_UtranCell.pmNoLoadSharingRrcConnPs	Sum	ecttbh, Sum

			Connecti on attempts.			
pmNoOfReturningRrcConn	ACCUMULATION	INT8	Number of Load Sharing diversions when establishing an RRC connection that returns to the first frequency.	ManagedElement_RncFunction_UtranCell.pmNoOfReturningRrcConn	Sum	ecttbh, Sum
pmnopacketdchdiscabnorm	ACCUMULATION	INT8	Number of abnormal disconnect of a packet call over DCH for the best cell in the active set.	ManagedElement_RncFunction_UtranCell.pmNoPacketDchDiscAbnorm	Sum	ecttbh, Sum
pmnopacketdchdiscnormal	ACCUMULATION	INT8	Number of normal disconnect of a packet call over	ManagedElement_RncFunction_UtranCell.pmNoPacketDchDiscNormal	Sum	ecttbh, Sum

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			DCH for the best cell in the active set.		
pmNoPsStream64Ps8DchDiscAbnorm	ACCUMULATION	INT8	Number of abnormal disconnects of a PS streaming 64 kbps + PS 8kbps multiRAB for the best cell in the active set.	ManagedElement_RncFunction_UtranCell.pmNoPsStream64Ps8DchDiscAbnorm	Sum ecttbh, Sum
pmnorejrrconnmmploadc	ACCUMULATION	INT8	- Obsolete in P5, To be removed - Number of rejected RRC connections due to module MP load control (includes incoming Inter-RAT CC).	ManagedElement_RncFunction_UtranCell.pmNoRejRrcConnMmpLoadC	Sum ecttbh, Sum

pmNoRejRrcConnMpLoadC	ACCUMULATION	INT8	Number of rejected RRC connections due to module MP load control (includes incoming Inter-RAT CC).	ManagedElement_RncFunction_UtranCell.pmNoRejRrcConnMpLoadC	Sum	ecttbh, Sum
pmNoRrcConnReqBlockNodeCsBest	ACCUMULATION	INTEGER	Number of RRC Connection Setup attempts for Circuit Switched calls that fail due to node blocking, counted on the best cell.	ManagedElement_RncFunction_UtranCell.pmNoRrcConnReqBlockNodeCsBest	Sum	ecttbh, Sum
pmNoRrcConnReqBlockNodeCs	ACCUMULATION	INTEGER	Number of RRC Connection Setup attempts for Circuit Switched calls that fail due	ManagedElement_RncFunction_UtranCell.pmNoRrcConnReqBlockNodeCs	Sum	ecttbh, Sum

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			to node blocking.			
pmNoRrcConnReqBlockNodePsBest	ACCUMULATION	INTEGER	Number of RRC Connection Setup attempts for Packet Switched calls that fail due to node blocking, counted on the best cell.	ManagedElement_RncFunction_UtranCell.pmNoRrcConnReqBlockNodePsBest	Sum	ecttbh, Sum
pmNoRrcConnReqBlockNodePs	ACCUMULATION	INTEGER	Number of RRC Connection Setup attempts for Packet Switched calls that fail due to node blocking.	ManagedElement_RncFunction_UtranCell.pmNoRrcConnReqBlockNodePs	Sum	ecttbh, Sum
pmNoRrcConnReqBlockTnCsBest	ACCUMULATION	INTEGER	Number of RRC Connection Setup attempts for Circuit Switched calls that fail due to Transport Network blocking,	ManagedElement_RncFunction_UtranCell.pmNoRrcConnReqBlockTnCsBest	Sum	ecttbh, Sum

			counted on the best cell.			
pmNoRrcConnReqBlockTnCs	ACCUMULATION	INTEGER	Number of RRC Connection Setup attempts for Circuit Switched calls that fail due to Transport Network blocking, counted on the blocking cell.	ManagedElement_RncFunction_UtranCell.pmNoRrcConnReqBlockTnCs	Sum	ecttbh, Sum
pmNoRrcConnReqBlockTnPsBest	ACCUMULATION	INTEGER	Number of RRC Connection Setup attempts for Packet Switched calls that fail due to Transport Network blocking, counted on the best cell.	ManagedElement_RncFunction_UtranCell.pmNoRrcConnReqBlockTnPsBest	Sum	ecttbh, Sum

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pmNoRrcConnReqBlockTnPs	ACCUMULATION	INTEGER	Number of RRC Connection Setup attempts for Packet Switched calls that fail due to Transport Network blocking, counted on the blocking cell.	ManagedElement_RncFunction_UtranCell.pmNoRrcConnReqBlockTnPs	Sum	ecttbh, Sum
pmnospeechdchdiscabnorm	ACCUMULATION	INT8	Number of abnormal disconnect of a speech call for the best cell in the active set.	ManagedElement_RncFunction_UtranCell.pmNoSpeechDchDiscAbnorm	Sum	ecttbh, Sum
pmnospeechdchdiscnormal	ACCUMULATION	INT8	Number of normal disconnect of a speech call for the best cell in the active set.	ManagedElement_RncFunction_UtranCell.pmNoSpeechDchDiscNormal	Sum	ecttbh, Sum

pmtotnorrconnectreqs succ	ACCUMU LATION	INT8	Total number of Successf ul Convers ational Call (originati ng and terminati ng) RRC connecti on setups.	ManagedElement_RncFunc tion_UtranCell.pmTotNoRr cConnectReqCsSucc	Sum	ecttbh, Sum
pmtotnorrconnectreqs	ACCUMU LATION	INT8	Total number of Convers ational Call (originati ng and terminati ng) RRC connecti on attempts.	ManagedElement_RncFunc tion_UtranCell.pmTotNoRr cConnectReqCs	Sum	ecttbh, Sum
pmtotnorrconnectreqs succ	ACCUMU LATION	INT8	Total number of Successf ul Interacti ve and Backgro und (originati ng and terminati	ManagedElement_RncFunc tion_UtranCell.pmTotNoRr cConnectReqPsSucc	Sum	ecttbh, Sum

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			ng) RRC connection setups.			
pmtotnorrconnectreqps	ACCUMULATION	INT8	Total number of Interactive and Background (originating and terminating) RRC connection attempts.	ManagedElement_RncFunction_UtranCell.pmTotNoRrcConnectReqPs	Sum	ecttbh, Sum
pmtotnorrconnectreqs ms	ACCUMULATION	INT8	Total number of RRC Connection Requests with low priority Establishment Cause.	ManagedElement_RncFunction_UtranCell.pmTotNoRrcConnectReqSms	Sum	ecttbh, Sum
pmTotNoRrcConnectReqSubTr	ACCUMULATION	INTEGER	Number of RRC Connection Requests with Establishment Cause 'originating subscribed traffic call'.	ManagedElement_RncFunction_UtranCell.pmTotNoRrcConnectReqSubTr	Sum	ecttbh, Sum

pmtotnorrconnectreqsuccess	ACCUMULATION	INT8	Total number of successful RRC Connection requests.	ManagedElement_RncFunction_UtranCell.pmTotNoRrcConnectReqSuccess	Sum	ecttbh, Sum
pmtotnorrconnectreq	ACCUMULATION	INT8	Total number of RRC Connection Requests	ManagedElement_RncFunction_UtranCell.pmTotNoRrcConnectReq	Sum	ecttbh, Sum
pmTotNoRrcConnectSetup	ACCUMULATION	INTEGER	Total number of RRC Connection Setup messages sent to UEs, not including repetitions.	ManagedElement_RncFunction_UtranCell.pmTotNoRrcConnectSetup	Sum	ecttbh, Sum
pmTotNoRrcReq	ACCUMULATION	INTEGER	Total number of RRC Requests received during the ROP.	ManagedElement_RncFunction_UtranCell.pmTotNoRrcReq	Sum	ecttbh, Sum
pmTotNoTermRrcConnectReqCs	ACCUMULATION	INTEGER	RRC connection request	ManagedElement_RncFunction_UtranCell.pmTotNoTermRrcConnectReqCs	Sum	ecttbh, Sum

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			with cause -Terminating Conversational Call- (excluding subsequent retransmissions).			
pmTotNoTermRrcConnectReqCsSucc	ACCUMULATION	INTEGER	Counting the number of successful mobile terminating conversational RRC connections. Successful RRC connections with cause -Terminating Conversational Call- (excluding subsequent retransmissions).	ManagedElement_RncFunction_UtranCell.pmTotNoTermRrcConnectReqCsSucc	Sum	ecttbh, Sum
pmTotNoTermRrcConnectReqPs	ACCUMULATION	INTEGER	RRC connecti	ManagedElement_RncFunction_UtranCell.pmTotNoTe	Sum	ecttbh, Sum

			on request with cause -Terminating Interactive Call- or -Terminating Background Call- (excluding subsequent retransmissions).	rmRrcConnectReqPs		
pmTotNoTermRrcConnectReqPsSucc	ACCUMULATION	INTEGER	Counting the number of successful mobile terminating Interactive and Background RRC connections. Successful RRC connections with cause -Terminating	ManagedElement_RncFunction_UtranCell.pmTotNoTermRrcConnectReqPsSucc	Sum	ecttbh, Sum

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			ting Interacti ve Call- or- Terminat ing Backgro und Call- (excludi ng subseque nt retransm issions).			
pmTotNoTermRrcConn ectReq	ACCUMU LATION	INTE GER	RRC connecti on request with cause -Termina ting Convers ational Call-, -Termina ting Streamin g Call-, - Terminat ing Interacti ve Call-, -Termina ting Backgro und Call-, -Termina ting High Priority Signalin g-, -Termina	ManagedElement_RncFunc tion_UtranCell.pmTotNoTe rmRrcConnectReq	Sum	ecttbh, Sum

			ting Low Priority Signaling-, or -Terminating ? cause unknown - (excluding subsequent retransmissions).			
pmTotNoTermRrcConnectReqSucc	ACCUMULATION	INTEGER	Successful RRC connections with cause -Terminating Conversational Call-, -Terminating Streaming Call-, -Terminating Interactive Call-, -Terminating Background Call-, -Terminating	ManagedElement_RncFunction_UtranCell.pmTotNoTermRrcConnectReqSucc	Sum	ecttbh, Sum

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			High Priority Signaling-, -Terminating Low Priority Signaling-, or -Terminating ? cause unknown - (excluding subsequent retransmissions).			
pmtotnoutranrejrrconnreq	ACCUMULATION	INT8	Total number of UTRAN rejected RRC Connection Requests	ManagedElement_RncFunction_UtranCell.pmTotNoUtranRejRrcConnReq	Sum	ecttbh, Sum
total_traffic_per_abnormal_disconnection	PERCENTAGE	FLOAT	Total Traffic per abnormal disconnection.	100 * {Ericsson.traffic_volume.total_traffic}/ {Ericsson.rrc_connection_setup_and_release.pmnocellchdisconnectabnorm}	Average	Average, ecttbh
ul_traffic_per_abnormal_disconnection	PERCENTAGE	FLOAT	UL Traffic per abnormal disconnection.	100 * {Ericsson.traffic_volume.total_ul_traffic}/ {Ericsson.rrc_connection_setup_and_release.pmnocellchdisconnectabnorm}	Average	Average, ecttbh

7.13.58Cell.Ericsson.UMTS.SDU_Timing

SDU timing statistics.

KPI	Type	Data Type	Description	Derivation	Default Aggregator	Other Aggregators
pmSamplesPacketDlDelay_0	ACCUMULATION	INTEGER	Number of samples in pmSumPacketDlDelay (that is, pmSamplesPacketDlDelay = pmSamplesPacketDlDelay +1, whenever pmSumPacketDlDelay is to be updated). Reset at each ROP period. Number of samples according to the respective SDU size (in bytes)	ManagedElement_RncFunction_UtranCell.pmSamplesPacketDlDelay_0	Sum	ecttbh, Sum
pmSamplesPacketDlDelay_1	ACCUMULATION	INTEGER	Number of samples in pmSumPacketDlDelay (that is, pmSamplesPacketDlDelay = pmSamplesPacketDlDelay +1, whenever pmSumPacketDlDelay is to be updated). Reset at	ManagedElement_RncFunction_UtranCell.pmSamplesPacketDlDelay_1	Sum	ecttbh, Sum

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			each ROP period. Number of samples according to the respective SDU size (in bytes)			
pmSamplesPacketDlDelay_2	ACCUMULATION	INTEGER	Number of samples in pmSumPacketDlDelay (that is, pmSamplesPacketDlDelay = pmSamplesPacketDlDelay +1, whenever pmSumPacketDlDelay is to be updated). Reset at each ROP period. Number of samples according to the respective SDU size (in bytes)	ManagedElement_RncFunction_UtranCell.pmSamplesPacketDlDelay_2	Sum	ecttbh, Sum
pmSamplesPacketLatency_0	ACCUMULATION	INTEGER	Number of samples in pmSumPacketLatencyPsStreamHs (that is, pmSamplesPacketLatencyPsStreamHs = pmSamplesPacketLatencyPsStreamHs +1, whenever pmSumPacketLatencyPsStreamHs is to be updated). Reset at each ROP period. Number of samples according to the respective SDU	ManagedElement_RncFunction_UtranCell.pmSamplesPacketLatency_0	Sum	ecttbh, Sum

			size (in bytes).			
pmSamplesPacketLatency_1	ACCUMULATION	INTEGER	Number of samples in pmSumPacketLatencyPsStreamHs (that is, pmSamplesPacketLatencyPsStreamHs = pmSamplesPacketLatencyPsStreamHs +1, whenever pmSumPacketLatencyPsStreamHs is to be updated). Reset at each ROP period. Number of samples according to the respective SDU size (in bytes).	ManagedElement_RncFunction_UtranCell.pmSamplesPacketLatency_1	Sum	ecttbh, Sum
pmSamplesPacketLatency_2	ACCUMULATION	INTEGER	Number of samples in pmSumPacketLatencyPsStreamHs (that is, pmSamplesPacketLatencyPsStreamHs = pmSamplesPacketLatencyPsStreamHs +1, whenever pmSumPacketLatencyPsStreamHs is to be updated). Reset at each ROP period.	ManagedElement_RncFunction_UtranCell.pmSamplesPacketLatency_2	Sum	ecttbh, Sum

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			Number of samples according to the respective SDU size (in bytes).			
pmSamplesPacketLatencyPsStreamHs_0	ACCUMULATION	INTEGER	Number of samples in pmSumPacketLatencyPsStreamHs (that is, pmSamplesPacketLatencyPsStreamHs = pmSamplesPacketLatencyPsStreamHs + 1, whenever pmSumPacketLatencyPsStreamHs is to be updated). Reset at each ROP period. Number of samples according to the respective SDU size (in bytes)	ManagedElement_RncFunction_UtranCell.pmSamplesPacketLatencyPsStreamHs_0	Sum	ecttbh, Sum
pmSamplesPacketLatencyPsStreamHs_1	ACCUMULATION	INTEGER	Number of samples in pmSumPacketLatencyPsStreamHs (that is, pmSamplesPacketLatencyPsStreamHs = pmSamplesPacketLatencyPsStreamHs + 1, whenever pmSumPacketLatencyPsStreamHs is to be updated). Reset at each ROP period. Number of	ManagedElement_RncFunction_UtranCell.pmSamplesPacketLatencyPsStreamHs_1	Sum	ecttbh, Sum

			samples according to the respective SDU size (in bytes)		
pmSamplesPacketLatencyPsStreamHs_2	ACCUMULATION	INTEGER	Number of samples in pmSumPacketLatencyPsStreamHs (that is, pmSamplesPacketLatencyPsStreamHs = pmSamplesPacketLatencyPsStreamHs + 1, whenever pmSumPacketLatencyPsStreamHs is to be updated). Reset at each ROP period. Number of samples according to the respective SDU size (in bytes)	ManagedElement_RncFunction_UtranCell.pmSamplesPacketLatencyPsStreamHs_2	Sum ecttbh, Sum
pmSumPacketDIDelay_0	ACCUMULATION	INTEGER	Aggregate of the RAN SDU PS interactive packet delay with respect to the best cell in the active set. Aggregation according to the following SDU size: (in bytes)	ManagedElement_RncFunction_UtranCell.pmSumPacketDIDelay_0	Sum ecttbh, Sum
pmSumPacketDIDelay_1	ACCUMULATION	INTEGER	Aggregate of the RAN SDU PS interactive packet	ManagedElement_RncFunction_UtranCell.pmSumPacketDIDelay_1	Sum ecttbh, Sum

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			delay with respect to the best cell in the active set. Aggregation according to the following SDU size: (in bytes)			
pmSumPacketDIDelay_2	ACCUMULATION	INTEGER	Aggregate of the RAN SDU PS interactive packet delay with respect to the best cell in the active set. Aggregation according to the following SDU size: (in bytes)	ManagedElement_RncFunction_UtranCell.pmSumPacketDIDelay_2	Sum	ecttbh, Sum
pmSumPacketLatency_0	ACCUMULATION	INTEGER	Aggregate of the RAN SDU PS Streaming HS packet latency with respect to the best cell. Aggregation according to the following SDU size (in bytes)	ManagedElement_RncFunction_UtranCell.pmSumPacketLatency_0	Sum	ecttbh, Sum
pmSumPacketLatency_1	ACCUMULATION	INTEGER	Aggregate of the RAN SDU PS Streaming HS packet latency with respect to the best cell. Aggregation according to the following SDU size (in bytes)	ManagedElement_RncFunction_UtranCell.pmSumPacketLatency_1	Sum	ecttbh, Sum
pmSumPacketLatency_2	ACCUMULATION	INTEGER	Aggregate of the RAN SDU PS Streaming HS packet latency with respect to the best cell.	ManagedElement_RncFunction_UtranCell.pmSumPacketLatency_2	Sum	ecttbh, Sum

			Aggregation according to the following SDU size (in bytes)		
pmSumPacketLatencyPsStreamHs_0	ACCUMULATION	INTEGER	Aggregate of the RAN SDU PS Streaming HS packet latency with respect to the best cell. Aggregation according to the following SDU size (in bytes)	ManagedElement_RncFunction_UtranCell.pmSumPacketLatencyPsStreamHs_0	Sum ecttbh, Sum
pmSumPacketLatencyPsStreamHs_1	ACCUMULATION	INTEGER	Aggregate of the RAN SDU PS Streaming HS packet latency with respect to the best cell. Aggregation according to the following SDU size (in bytes)	ManagedElement_RncFunction_UtranCell.pmSumPacketLatencyPsStreamHs_1	Sum ecttbh, Sum
pmSumPacketLatencyPsStreamHs_2	ACCUMULATION	INTEGER	Aggregate of the RAN SDU PS Streaming HS packet latency with respect to the best cell. Aggregation according to the following SDU size (in bytes)	ManagedElement_RncFunction_UtranCell.pmSumPacketLatencyPsStreamHs_2	Sum ecttbh, Sum

7.13.59Cell.Ericsson.UMTS.soft_softer_handover

Soft softer handover statistics.

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KPI	Type	Data Type e	Description	Derivation	Defa ult Aggr egato r	Other Aggre gators
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<code>%_soft_handover_overhead</code>	PERCENTAGE	FLOAT	(Report) Ratio of downlink code channel utilization for speech and the average number speech users served per UtranCell.	$100 * \frac{({Ericsson.rab_establishments_and_release.pmsumcs12rabestablish}) * {Ericsson.rab_establishments_and_release.pmSamplesBestCs12Establish}}{({Ericsson.rab_establishments_and_release.pmsamplescs12rabestablish}) * {Ericsson.rab_establishments_and_release.pmSumBestCs12Establish}}$	Average	Average, ecttbbh
<code>%_ue_in_3rl_soft_handover_1rls</code>	PERCENTAGE	FLOAT	Percentage UE in 3 Radio Links soft handover with 1 Radio link set.	$100 * \frac{({pmsumueswith1rls3rlinactset})}{({pmsumueswith1rls1rlinactset}) + {pmsumueswith1rls2rlinactset}) + {pmsumueswith1rls3rlinactset}}$	Average	Average, ecttbbh
<code>%_ue_in_4rl_soft_handover_2rls</code>	PERCENTAGE	FLOAT	Percentage UE in 4 Radio Links soft handover with 2 Radio link sets.	$100 * \frac{({pmsumueswith2rls4rlinactset})}{({pmsumueswith2rls2rlinactset}) + {pmsumueswith2rls3rlinactset}) + {pmsumueswith2rls4rlinactset}}$	Average	Average, ecttbbh
<code>%_ue_in_soft_handover_1rls</code>	PERCENTAGE	FLOAT	Percentage UE in soft handover with 1 Radio link set.	$100 * \frac{({pmsumueswith1rls2rlinactset}) + {pmsumueswith1rls3rlinactset})}{({pmsumueswith1rls1rlinactset}) + {pmsumueswith1rls2rlinactset}}$	Average	Average, ecttbbh

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				$\text{ctset}} + \{\text{pmsumueswith1rls3rlina ctset}})$		
$\bar{\%}_{\text{ue_in_soft_handover_2rls}}$	PERCENTAGE	FLOAT	Percentage UE in soft handover with 2 Radio link set.	$100 * (\{\text{pmsumueswith2rls3rlina ctset}} + \{\text{pmsumueswith2rls4rlina ctset}}) / (\{\text{pmsumueswith2rls2rlina ctset}} + \{\text{pmsumueswith2rls3rlina ctset}} + \{\text{pmsumueswith2rls4rlina ctset}})$	Average	Average, ecttbh
$\bar{\%}_{\text{ue_in_soft_handover_3rls}}$	PERCENTAGE	FLOAT	Percentage UE in soft handover with 3 Radio link set.	$100 * (\{\text{pmsumueswith3rls4rlina ctset}}) / (\{\text{pmsumueswith3rls3rlina ctset}} + \{\text{pmsumueswith3rls4rlina ctset}})$	Average	Average, ecttbh
$\text{cmavgueswith1rls1rlinactset}$	PERCENTAGE	FLOAT	Average number of UEs with 1 RL set and 1 radio link in the active set.	$100 * \{\text{pmsumueswith1rls1rlina ctset}} / \{\text{pmsamplesueswith1rls1rlinactset}}}$	Average	Average, ecttbh
$\text{cmavgueswith1rls2rlinactset}$	PERCENTAGE	FLOAT	Average number of UEs with 1 RL set and 2 radio link in the active set.	$100 * \{\text{pmsumueswith1rls2rlina ctset}} / \{\text{pmsamplesueswith1rls2rlinactset}}}$	Average	Average, ecttbh
$\text{cmavgueswith1rls3rlinactset}$	PERCENTAGE	FLOAT	Average number of UEs with 1 RL set and 3 radio link in the active set.	$100 * \{\text{pmsumueswith1rls3rlina ctset}} / \{\text{pmsamplesueswith1rls3rlinactset}}}$	Average	Average, ecttbh
$\text{cmavgueswith2rls2rlinactset}$	PERCENTAGE	FLOAT	Average number of UEs with 2 RL set and 2 radio link in the active set.	$100 * \{\text{pmsumueswith2rls2rlina ctset}} / \{\text{pmsamplesueswith2rls2rlinactset}}}$	Average	Average, ecttbh

cmavgueswith2rls3rl inactset	PERCENTAGE	FLOAT	Average number of UEs with 2 RL set and 3 radio link in the active set.	$100 * \frac{\{pmsumueswith2rls3rlinactset\}}{\{pmsamplesueswith2rls3rlinactset\}}$	Average	Average, ecttbh
cmavgueswith2rls4rl inactset	PERCENTAGE	FLOAT	Average number of UEs with 2 RL set and 4 radio link in the active set.	$100 * \frac{\{pmsumueswith2rls4rlinactset\}}{\{pmsamplesueswith2rls4rlinactset\}}$	Average	Average, ecttbh
cmavgueswith3rls3rl inactset	PERCENTAGE	FLOAT	Average number of UEs with 3 RL set and 3 radio link in the active set.	$100 * \frac{\{pmsumueswith3rls3rlinactset\}}{\{pmsamplesueswith3rls3rlinactset\}}$	Average	Average, ecttbh
cmavgueswith3rls4rl inactset	PERCENTAGE	FLOAT	Average number of UEs with 3 RL set and 4 radio link in the active set.	$100 * \frac{\{pmsumueswith3rls4rlinactset\}}{\{pmsamplesueswith3rls4rlinactset\}}$	Average	Average, ecttbh
cmavgueswith4rls4rl inactset	PERCENTAGE	FLOAT	Average number of UEs with 4 RL set and 4 radio link in the active set.	$100 * \frac{\{pmsumueswith4rls4rlinactset\}}{\{pmsamplesueswith4rls4rlinactset\}}$	Average	Average, ecttbh
pmnoofrlfordriftingues	INTENSITY	FLOAT	Current number of Radio Links assigned in this cell for UEs that are served by an RNC other than the Controlling RNC (CRNC).	ManagedElement_RncFunction_UtranCell.pmNoOfRlForDriftingUes	Average	Average, Maximum, Minimum, Sum
pmNoOfRlForNonDriftingUes	ACCUMULATION	INT8	Current number of RLs assigned in this cell for UEs that are	ManagedElement_RncFunction_UtranCell.pmNoOfRlForNonDriftingUes	Sum	ecttbh, Sum

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			served by this RNC.			
pmNoSysRelSpeechNeighbr	ACCUMULATION	INT 8	Number of system disconnects of a speech call for the best cell in the active set due to unknown measured cell (missing neighbour relation).	ManagedElement_RncFunction_UtranCell.pmNoSysRelSpeechNeighbr	Sum	ecttbh, Sum
pmNoSysRelSpeechSoHo	ACCUMULATION	INT 8	Number of system disconnects of a speech call for the best cell in the active set due to Soft Handover action.	ManagedElement_RncFunction_UtranCell.pmNoSysRelSpeechSoHo	Sum	ecttbh, Sum
pmNoSysRelSpeechULSynch	ACCUMULATION	INT 8	Number of system disconnects of a speech call for the best cell in the active set due to lost UL synch.	ManagedElement_RncFunction_UtranCell.pmNoSysRelSpeechUISynch	Sum	ecttbh, Sum
pmRIAddAttemptsBestCellCsConvers	ACCUMULATION	INT 8	Number of Attempted RL added for best cell CS conversational.	ManagedElement_RncFunction_UtranCell.pmRIAddAttemptsBestCellCsConvers	Sum	ecttbh, Sum
pmRIAddAttemptsBestCellPacketHigh	ACCUMULATION	INT 8	Number of Attempted RL added for best cell high PS data rates.	ManagedElement_RncFunction_UtranCell.pmRIAddAttemptsBestCellPacketHigh	Sum	ecttbh, Sum
pmRIAddAttemptsBestCellPacketLow	ACCUMULATION	INT 8	Number of Attempted RL	ManagedElement_RncFunction_UtranCell.pmRIAdd	Sum	ecttbh, Sum

	N		added for best cell for low packet data rates.	AttemptsBestCellPacketLow		
pmRIAddAttemptsBestCellSpeech	ACCUMULATION	INT 8	Number of Attempted RL added for best cell for speech.	ManagedElement_RncFunction_UtranCell.pmRIAddAttemptsBestCellSpeech	Sum	ecttbh, Sum
pmRIAddAttemptsBestCellStandAlone	ACCUMULATION	INT 8	Number of Attempted RL added for best cell for standalone.	ManagedElement_RncFunction_UtranCell.pmRIAddAttemptsBestCellStandAlone	Sum	ecttbh, Sum
pmRIAddAttemptsBestCellStream	ACCUMULATION	INT 8	Number of Attempted RL added for best cell for streaming.	ManagedElement_RncFunction_UtranCell.pmRIAddAttemptsBestCellStream	Sum	ecttbh, Sum
pmRIAddSuccessBestCellCsConvers	ACCUMULATION	INT 8	Number of Successful RL added for best cell CS conversational.	ManagedElement_RncFunction_UtranCell.pmRIAddSuccessBestCellCsConvers	Sum	ecttbh, Sum
pmRIAddSuccessBestCellPacketHigh	ACCUMULATION	INT 8	Number of Successful RL added for best cell high PS data rates.	ManagedElement_RncFunction_UtranCell.pmRIAddSuccessBestCellPacketHigh	Sum	ecttbh, Sum
pmRIAddSuccessBestCellPacketLow	ACCUMULATION	INT 8	Number of Successful RL added for best cell for low packet data rates.	ManagedElement_RncFunction_UtranCell.pmRIAddSuccessBestCellPacketLow	Sum	ecttbh, Sum
pmRIAddSuccessBestCellSpeech	ACCUMULATION	INT 8	Number of Successful RL	ManagedElement_RncFunction_UtranCell.pmRIAdd	Sum	ecttbh, Sum

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	N		added for best cell for speech.	SuccessBestCellSpeech		
pmRIAddSuccessBestCellStandAlone	ACCUMULATION	INT8	Number of Successful RL added for best cell for standalone.	ManagedElement_RncFunction_UtranCell.pmRIAddSuccessBestCellStandAlone	Sum	ecttbh, Sum
pmRIAddSuccessBestCellStream	ACCUMULATION	INT8	Number of Successful RL added for best cell for streaming.	ManagedElement_RncFunction_UtranCell.pmRIAddSuccessBestCellStream	Sum	ecttbh, Sum
pmSamplesActiveDriftUesBestCell	ACCUMULATION	INTEGER	Number of samples recorded within the ROP for pmSumActiveDriftUesBestCell.	ManagedElement_RncFunction_UtranCell.pmSamplesActiveDriftUesBestCell	Sum	ecttbh, Sum
pmSamplesActiveUesBestCell	ACCUMULATION	INTEGER	Number of samples recorded within the ROP for pmSumActiveUesBestCell.	ManagedElement_RncFunction_UtranCell.pmSamplesActiveUesBestCell	Sum	ecttbh, Sum
pmsamplesueswith1rls1rlinactset	ACCUMULATION	INT8	Number of samples recorded within the ROP period for number of UEs with one RL set and one RL in the active set is recorded once every minute.	ManagedElement_RncFunction_UtranCell.pmSamplesUesWith1Rls1RlInActSet	Sum	ecttbh, Sum
pmsamplesueswith1rls2rlinactset	ACCUMULATION	INT8	Number of samples recorded within the ROP period for number of UEs with one RL set and two	ManagedElement_RncFunction_UtranCell.pmSamplesUesWith1Rls2RlInActSet	Sum	ecttbh, Sum

			RLs in the active set is recorded once every minute.			
pmsamplesueswith1rls3rlinactset	ACCUMULATION	INT8	Number of samples recorded within the ROP period for number of UEs with one RL set and three or more RLs in the active set is recorded once every minute.	ManagedElement_RncFunction_UtranCell.pmSamplesUesWith1Rls3RIInActSet	Sum	ecttbh, Sum
pmsamplesueswith2rls2rlinactset	ACCUMULATION	INT8	Number of samples recorded within the ROP period for number of UEs with two RL sets and two RLs in the active set is recorded once every minute.	ManagedElement_RncFunction_UtranCell.pmSamplesUesWith2Rls2RIInActSet	Sum	ecttbh, Sum
pmsamplesueswith2rls3rlinactset	ACCUMULATION	INT8	Number of samples recorded within the ROP period for number of UEs with two RL sets and three RLs in the active set is recorded once every minute.	ManagedElement_RncFunction_UtranCell.pmSamplesUesWith2Rls3RIInActSet	Sum	ecttbh, Sum
pmsamplesueswith2	ACCUM	INT	Number of	ManagedElement_RncFun	Sum	ecttbh,

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rls4rlinactset	ULATI ON	8	samples recorded within the ROP period for number of UEs with two RL sets and four RLs in the active set is recorded once every minute.	ction_UtranCell.pmSampl esUesWith2Rls4RIInActS et		Sum
pmsamplesueswith3 rls3rlinactset	ACCUM ULATIO N	INT 8	Number of samples recorded within the ROP period for number of UEs with three RL sets and three RLs in the active set is recorded once every minute.	ManagedElement_RncFun ction_UtranCell.pmSampl esUesWith3Rls3RIInActS et	Sum	ectt bh , Sum
pmsamplesueswith3 rls4rlinactset	ACCUM ULATIO N	INT 8	Number of samples recorded within the ROP period for number of UEs with three RL sets and four RLs in the active set is recorded once every minute.	ManagedElement_RncFun ction_UtranCell.pmSampl esUesWith3Rls4RIInActS et	Sum	ectt bh , Sum
pmsamplesueswith4 rls4rlinactset	ACCUM ULATIO N	INT 8	Number of samples recorded within the ROP period for number of UEs with four RL sets (only one RL possible per RL set) recorded once every minute.	ManagedElement_RncFun ction_UtranCell.pmSampl esUesWith4Rls4RIInActS et	Sum	ectt bh , Sum

pmSumActiveDriftUesBestCell	ACCUMULATION	INTEGER	Sum of all sample values recorded during a ROP for the number of active UEs for which this cell is in the DRNC and is either the HS serving cell or, for non-HS configurations, the best cell in the active set.	ManagedElement_RncFunction_UtranCell.pmSumActiveDriftUesBestCell	Sum	ecttbh, Sum
pmSumActiveUesBestCell	ACCUMULATION	INTEGER	Sum of all sample values recorded during a ROP for the number of active UEs for which this cell is in the SRNC and is either the HS serving cell or, for non-HS configurations, the best cell in the active set.	ManagedElement_RncFunction_UtranCell.pmSumActiveUesBestCell	Sum	ecttbh, Sum
pmsumueswith1rls1rlinactset	ACCUMULATION	INT 8	A snapshot of the total number of UEs with one RL set and one RL in the active set is recorded once every minute.	ManagedElement_RncFunction_UtranCell.pmSumUesWith1Rls1RlInActSet	Sum	ecttbh, Sum
pmsumueswith1rls2rlinactset	ACCUMULATION	INT 8	A snapshot of the total number of UEs with one	ManagedElement_RncFunction_UtranCell.pmSumUesWith1Rls2RlInActSet	Sum	ecttbh, Sum

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			RL set and two RLs in the active set is recorded once every minute.			
pmsumueswith1rls3rlinactset	ACCUMULATION	INT 8	A snapshot of the total number of UEs with one RL set and three or more RLs in the active set is recorded once every minute.	ManagedElement_RncFunction_UtranCell.pmSumUesWith1Rls3RlInActSet	Sum	ecttbh, Sum
pmsumueswith2rls2rlinactset	ACCUMULATION	INT 8	A snapshot of the total number of UEs with two RL sets and two RLs in the active set is recorded once every minute.	ManagedElement_RncFunction_UtranCell.pmSumUesWith2Rls2RlInActSet	Sum	ecttbh, Sum
pmsumueswith2rls3rlinactset	ACCUMULATION	INT 8	A snapshot of the total number of UEs with two RL sets and three RLs in the active set is recorded once every minute.	ManagedElement_RncFunction_UtranCell.pmSumUesWith2Rls3RlInActSet	Sum	ecttbh, Sum
pmsumueswith2rls4rlinactset	ACCUMULATION	INT 8	A snapshot of the total number of UEs with two RL sets and four RLs in the active set is recorded once every minute.	ManagedElement_RncFunction_UtranCell.pmSumUesWith2Rls4RlInActSet	Sum	ecttbh, Sum
pmsumueswith3rls3rlinactset	ACCUMULATION	INT 8	A snapshot of the total number of UEs with three RL sets and three RLs in the active set is	ManagedElement_RncFunction_UtranCell.pmSumUesWith3Rls3RlInActSet	Sum	ecttbh, Sum

			recorded once every minute.			
pmsumueswith3rls4rlinactset	ACCUMULATION	INT 8	A snapshot of the total number of UEs with three RL sets and four RLs in the active set is recorded once every minute.	ManagedElement_RncFunction_UtranCell.pmSumUesWith3Rls4RlInActSet	Sum	ecttbb, Sum
pmsumueswith4rls4rlinactset	ACCUMULATION	INT 8	A snapshot of the total number of UEs with four RL sets (only one RL possible per RL set) recorded once every minute.	ManagedElement_RncFunction_UtranCell.pmSumUesWith4Rls4RlInActSet	Sum	ecttbb, Sum

7.13.60Cell.Ericsson.UMTS.traffic_volume

UTRAN traffic volume.

KPI	Type	Data Type	Description	Derivation	Default Aggregator	Other Aggregators
Ave_CS64_DL_code	PERCENTAGE	FLOAT	(Report) Average number of downlink codes occupied for CS 64 traffic per UtranCell.	100 * {Ericsson.rab_establishments_and_release.psmumcs64rabestablish}/ {Ericsson.rab_establishments_and_release.psmamplescs64rabestablish}	Average	Average, ecttbb
Ave_DL_code_speech	PERCENTAGE	FLOAT	(Report) Average number of downlink code is occupied for	100 * {Ericsson.rab_establishments_and_release.psmu	Average	Average, ecttbb

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			speech traffic per UtranCell.	mcs12rabestablish}/ {Ericsson.rab_establishments_and_release.pmsamplescs12rabestablish}		
Ave_speech_users	PERCENTAGE	FLOAT	(Report) Average number of speech users per UtranCell.	100 * {Ericsson.rab_establishments_and_release.pmSumBestCs12Establish}/ {Ericsson.rab_establishments_and_release.pmsamplesBestCs12Establish}	Average	Average, ecttbh
cell_total_traffic	ACCUMULATION	INT8	Total cell CS and PS traffic volume in both UL and DL directions. Formula = pmDITrafficVolumeAmr4750 + pmDITrafficVolumeAmr5900 + pmDITrafficVolumeAmr7950 + pmDITrafficVolumeCs12 + pmDITrafficVolumeCs57 + pmDITrafficVolumeCs64 + pmDITrafficVolumePs8 + pmDITrafficVolumePs64 + pmDITrafficVolumePs128 + pmDITrafficVolumePs384 + pmDITrafficVolumePsCommon + pmDITrafficVolumePsStr16 + pmDITrafficVolumePsStr128 + pmDITrafficVolumePsStr64 +	ManagedElement_RncFunction_UtranCell.Cell_Total_Traffic	Sum	ecttbh, Sum

		pmUITrafficVolum eAmr4750 + pmUITrafficVolum eAmr5900 + pmUITrafficVolum eAmr7950 + pmUITrafficVolum eCs12 + pmUITrafficVolum eCs57 + pmUITrafficVolum eCs64 + pmUITrafficVolum ePs8 + pmUITrafficVolum ePs64 + pmUITrafficVolum ePs128 + pmUITrafficVolum ePs384 + pmUITrafficVolum ePsCommon + pmUITrafficVolum ePsStr16 + pmUITrafficVolum ePsStr128 + Tot_pmSumTransm ittedBitsSpi + pmDITrafficVolum ePsStrMbms128 + pmDITrafficVolum ePsStrMbms256 + pmDITrafficVolum ePsStrMbms64 + pmDITrafficVolum eAmrWb + pmDITrafficVolum ePs16 + pmDITrafficVolum ePsIntHs + pmDITrafficVolum		
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			<p>ePsStrHs + pmUITrafficVolum eAmrWb + pmUITrafficVolum ePs16 + pmUITrafficVolum ePsIntEul + pmUITrafficVolum ePsStr32+ pmDITrafficVolum eAmrNbMm+ pmDITrafficVolum eSrb136+ pmDITrafficVolum eSrb34+ pmUITrafficVolum eAmrNbMm+ pmUITrafficVolum eSrb136+ pmUITrafficVolum eSrb34</p>			
<p>pmDIRlcUserPack etThp_Avg</p>	<p>INTENSI TY</p>	<p>FLO AT</p>	<p>-Obsolete in P6- Average:This counter is reported for one PS Interactive Radio Bearer (RB), irrespective of the corresponding transport channel (DCH, FACH, E- DCH, HS-DSCH). The DL RLC throughput (user data), including user data but excluding retransmissions, padding bits, data PDU headers and RLC control PDU- s.Measured 2 times/ second duration. Stored in Kbits per second.</p>	<p>ManagedElement_RncF unction_UtranCell.pmDI RlcUserPacketThp_Avg</p>	<p>Avera ge</p>	<p>Avera ge, ecttbh, Maxi mum, Minim um, Sum</p>

pmDIRlcUserPacketThp_Max	INTENSITY	FLOAT	-Obsolete in P6- Maximum: This counter is reported for one PS Interactive Radio Bearer (RB), irrespective of the corresponding transport channel (DCH, FACH, E-DCH, HS-DSCH). The DL RLC throughput (user data), including user data but excluding retransmissions, padding bits, data PDU headers and RLC control PDUs. Measured 2 times/second duration. Stored in Kbits per second.	ManagedElement_RncFunction_UtranCell.pmDIRlcUserPacketThp_Max	Average	Average, Maximum, Minimum, Sum
pmDIRlcUserPacketThp_Min	INTENSITY	FLOAT	-Obsolete in P6- Minimum: This counter is reported for one PS Interactive Radio Bearer (RB), irrespective of the corresponding transport channel (DCH, FACH, E-DCH, HS-DSCH). The DL RLC throughput (user data), including user data but excluding	ManagedElement_RncFunction_UtranCell.pmDIRlcUserPacketThp_Min	Average	Average, Maximum, Minimum, Sum

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			retransmissions, padding bits, data PDU headers and RLC control PDUs. Measured 2 times/second duration. Stored in Kbits per second.			
pmDITrafficVolumeAmr4750	ACCUMULATION	INT8	Payload traffic on DL in kbits for speech AMR4750 RAB after macro diversity.	ManagedElement_RncFunction_UtranCell.pmDITrafficVolumeAmr4750	Sum	ecttbh, Sum
pmDITrafficVolumeAmr5900	ACCUMULATION	INT8	Payload traffic on DL in kbits for speech AMR5900 RAB after macro diversity.	ManagedElement_RncFunction_UtranCell.pmDITrafficVolumeAmr5900	Sum	ecttbh, Sum
pmDITrafficVolumeAmr7950	ACCUMULATION	INT8	Payload traffic on DL in kbits for speech AMR7950 RAB after macro diversity.	ManagedElement_RncFunction_UtranCell.pmDITrafficVolumeAmr7950	Sum	ecttbh, Sum
pmDITrafficVolumeAmrNbMm	ACCUMULATION	INTEGER	Payload traffic in the downlink for the conversational/speech AMR-NB Multimode RAB after macro diversity. Payload traffic includes both user data, and Medium Access Control (MAC) and Radio Link Control (RLC) header information. Retransmissions are also counted as part of the traffic volume.	ManagedElement_RncFunction_UtranCell.pmDITrafficVolumeAmrNbMm	Sum	ecttbh
pmDITrafficVolumeAmrWb	ACCUMULATION	INTEGER	Payload traffic on Downlink in kb for	ManagedElement_RncFunction_UtranCell.pmDI	Sum	ecttbh, Sum

	N	R	conversational/speech AMR-WB RAB after macro diversity. Payload traffic includes user data, MAC and RLC header information, and retransmissions are also counted as part of the traffic volume.	TrafficVolumeAmrWb		
pmdltrafficvolume cs12	ACCUM ULATIO N	INT 8	Payload traffic on downlink (DL) in Kb for conversational/speech 12.2 Kbps CS RAB after macrodiversity. Payload traffic includes user data, MAC and RLC header information, and retransmissions are also counted as part of the traffic volume.	ManagedElement_RncFunction_UtranCell.pmDITrafficVolumeCs12	Sum	ecttbh, Sum
pmdltrafficvolume cs12ps0	ACCUM ULATIO N	INT 8	-Obsolete in P5, Utrancell- Payload traffic on DL in Kb for conversational or speech 12.2 Kbps CS and interactive or background 0/0 Kbps multi RAB after macrodiversity. Payload traffic includes user data, MAC and RLC	ManagedElement_RncFunction_UtranCell.pmDITrafficVolumeCs12Ps0	Sum	ecttbh, Sum

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			header information, and retransmissions are also counted as part of the traffic volume.			
pmdltrafficvolume cs12ps64	ACCUM ULATIO N	INT 8	-Obsolete in P5, Utrancell- Payload traffic on DL in Kb for conversational or speech 12.2 Kbps CS and interactive or background 64/64 Kbps multi RAB after macrodiversity. Payload traffic includes user data, MAC and RLC header information, and retransmissions are also counted as part of the traffic volume.	ManagedElement_RncF unction_UtranCell.pmDl TrafficVolumeCs12Ps64	Sum	ecttbh, Sum
pmdltrafficvolume cs57	ACCUM ULATIO N	INT 8	Payload traffic on DL in Kb for streaming 57.6 Kbps CS RAB after macrodiversity. Payload traffic includes user data, MAC and RLC header information, and retransmissions are also counted as part of the traffic volume.	ManagedElement_RncF unction_UtranCell.pmDl TrafficVolumeCs57	Sum	ecttbh, Sum
pmdltrafficvolume cs64	ACCUM ULATIO N	INT 8	Payload traffic on DL in Kb for conversational 64 Kbps CS RAB after macrodiversity. Payload traffic includes user data, MAC and RLC	ManagedElement_RncF unction_UtranCell.pmDl TrafficVolumeCs64	Sum	ecttbh, Sum

			header information, and retransmissions are also counted as part of the traffic volume.			
pmDITrafficVolumeCs64Ps8	ACCUMULATION	INT8	-Obsolete in P5, Utrancell- Payload traffic on Downlink in kbits on Dedicated Channel.	ManagedElement_RncFunction_UtranCell.pmDITrafficVolumeCs64Ps8	Sum	ecttbh, Sum
pmdltrafficvolume ps128	ACCUMULATION	INT8	Payload traffic on DL in Kb for PS 64/128 RAB after macrodiversity. Payload traffic includes user data, MAC and RLC header information, and retransmissions are also counted as part of the traffic volume.	ManagedElement_RncFunction_UtranCell.pmDITrafficVolumePs128	Sum	ecttbh, Sum
pmDITrafficVolumePs16	ACCUMULATION	INTEGER	Monitors the payload traffic, including retransmissions, on Downlink (DL) in Kb for Interactive PS 16 kbps (DCH/DCH) RAB after macro diversity. Payload includes user data, Medium Access Control (MAC), Radio Link Control (RLC) header information.	ManagedElement_RncFunction_UtranCell.pmDITrafficVolumePs16	Sum	ecttbh, Sum
pmdltrafficvolume	ACCUMULATION	INT	Payload traffic on	ManagedElement_RncF	Sum	ecttbh,

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ps384	ACCUMULATION	8	DL in Kb for PS 64/384 RAB after macrodiversity. Payload traffic includes user data, MAC and RLC header information, and retransmissions are also counted as part of the traffic volume.	ManagedElement_RncFunction_UtranCell.pmDITrafficVolumePs384	Sum	
pmdltrafficvolume ps64	ACCUMULATION	INT 8	Payload traffic on DL in Kb for PS 64/64 RAB after macrodiversity. Payload traffic includes user data, MAC and RLC header information, and retransmissions are also counted as part of the traffic volume.	ManagedElement_RncFunction_UtranCell.pmDITrafficVolumePs64	Sum	ecttbh, Sum
pmDITrafficVolumePs8	ACCUMULATION	INT 8	Payload traffic (kbits) in DL after macro diversity for UeRc configurations which carry an Interactive DL TrCH with a maximum bit rate equal to 8 kbit/s. Only the PS Interactive part of the traffic volume is measured.	ManagedElement_RncFunction_UtranCell.pmDITrafficVolumePs8	Sum	ecttbh, Sum
pmdltrafficvolume pscommon	ACCUMULATION	INT 8	Payload traffic on DL in Kbps for PS RAB on FACH/RACH. Retransmissions are also counted as part of the traffic	ManagedElement_RncFunction_UtranCell.pmDITrafficVolumePsCommon	Sum	ecttbh, Sum

			volume.			
pmDITrafficVolumePsIntHs	ACCUMULATION	INTEGER	Payload traffic (kbits) in DL for UeRc configurations for HS-DSCH. Only Interact. PS traffic is included.	ManagedElement_RncFunction_UtranCell.pmDITrafficVolumePsIntHs	Sum	ecttbh, Sum
pmDITrafficVolumePsStr128	ACCUMULATION	INT8	Payload traffic (kbits) in DL after macro diversity for UeRc configurations which carry a Streaming DL TrCH with a maximum bit rate equal to 128 kbit/s. Only the PS Streaming part of the traffic volume is measured.	ManagedElement_RncFunction_UtranCell.pmDITrafficVolumePsStr128	Sum	ecttbh, Sum
pmDITrafficVolumePsStr128Ps8	ACCUMULATION	INT8	-Obsolete in P5, Utrancell- Payload traffic on DL in kbits for PS Streaming 16/128 + Packet 8kbps RABs after macro-diversity.	ManagedElement_RncFunction_UtranCell.pmDITrafficVolumePsStr128Ps8	Sum	ecttbh, Sum
pmDITrafficVolumePsStr16	ACCUMULATION	INT8	Payload traffic (kbits) in DL after macro diversity for UeRc configurations which carry a Streaming DL TrCH with a	ManagedElement_RncFunction_UtranCell.pmDITrafficVolumePsStr16	Sum	ecttbh, Sum

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			maximum bit rate equal to 16 kbit/s. Only the PS Streaming part of the traffic volume is measured.		
pmDITrafficVolumePsStr64	ACCUMULATION	INTEGER	Payload traffic (kbits) in DL after macro diversity for UeRc configurations which carry a Streaming DL TrCH with a maximum bit rate equal to 64 kbit/s. Only the PS Streaming part of the traffic volume is measured.	ManagedElement_RncFunction_UtranCell.pmDITrafficVolumePsStr64	Sum ecttbh, Sum
pmDITrafficVolumePsStr64Ps8	ACCUMULATION	INTEGER	-Obsolete in P5, Utrancell- Payload traffic on DL in Kb for streaming 16/64 PS kbps and interactive/background and 8/8 PS multi RAB after macrodiversity.	ManagedElement_RncFunction_UtranCell.pmDITrafficVolumePsStr64Ps8	Sum ecttbh, Sum
pmDITrafficVolumePsStrHs	ACCUMULATION	INTEGER	Payload traffic (kbits) in DL for UeRc configurations which carries an Streaming PS DL Trch on HS-DSCH. Only PS Streaming traffic is included.	ManagedElement_RncFunction_UtranCell.pmDITrafficVolumePsStrHs	Sum ecttbh, Sum
pmDITrafficVolumePsStrMbms128	ACCUMULATION	INTEGER	Payload traffic on Downlink (DL) in Kilobits for streaming PS MBMS 129.6 kbps.	ME_RNC_UtranCell_MbmsCch.pmDITrafficVolumePsStrMbms128	Sum ecttbh, Sum

			Payload includes user data, Medium Access Control (MAC) and Radio Link Control (RLC) header information.			
pmDITrafficVolumePsStrMbms256	ACCUMULATION	INTEGER	Payload traffic on Downlink (DL) in Kilobits for streaming PS MBMS 259.2 kbps. Payload includes user data, Medium Access Control (MAC) and Radio Link Control (RLC) header information.	ME_RNC_UtranCell_MbmsCch.pmDITrafficVolumePsStrMbms256	Sum	ecttbh, Sum
pmDITrafficVolumePsStrMbms64	ACCUMULATION	INTEGER	Payload traffic on Downlink (DL) in Kilobits for streaming PS MBMS 64.8 kbps. Payload includes user data, Medium Access Control (MAC) and Radio Link Control (RLC) header information.	ME_RNC_UtranCell_MbmsCch.pmDITrafficVolumePsStrMbms64	Sum	ecttbh, Sum
pmDITrafficVolumeSrb136	ACCUMULATION	INTEGER	Payload traffic in the downlink for SRB 13.6 after macro diversity. Payload traffic includes both user data, and Medium Access Control (MAC) and Radio Link Control (RLC) header information.	ManagedElement_RncFunction_UtranCell.pmDITrafficVolumeSrb136	Sum	ecttbh

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			Retransmissions are also counted as part of the traffic volume.			
pmDITrafficVolumeSrb34	ACCUMULATION	INTEGER	Payload traffic in the downlink for SRB 3.4 after macro diversity. Payload traffic includes both user data, and Medium Access Control (MAC) and Radio Link Control (RLC) header information. Retransmissions are also counted as part of the traffic volume.	ManagedElement_RncFunction_UtranCell.pmDITrafficVolumeSrb34	Sum	ecttbh
pmSumTransmittedBits	ACCUMULATION	INT8	-Obsolete in P6-Aggregated to RNC, the number of transmitted bits at MAC-hs, level including retransmissions from CDMA_Channel.	ManagedElement_RncFunction_UtranCell.pmSumTransmittedBits	Sum	ecttbh, Sum
pmUIRlcUserPacketThp_Avg	INTENSITY	FLOAT	-Obsolete in P6-Average: Reported for one PS Interactive Radio Bearer (RB), irrespective of the corresponding transport channel (DCH, FACH, E-DCH, HS-DSCH). The UL RLC throughput (user data), including user data but excluding retransmissions,	ManagedElement_RncFunction_UtranCell.pmUIRlcUserPacketThp_Avg	Average	Average, ecttbh, Maximum, Minimum, Sum

			padding bits, data PDU headers and RLC control PDUs. Measured 2 times/second duration. Stored in Kbits per second.			
pmUIRlcUserPacketThp_Max	INTENSITY	FLOAT	-Obsolete in P6-Maximum:Reported for one PS Interactive Radio Bearer (RB), irrespective of the corresponding transport channel (DCH, FACH, E-DCH, HS-DSCH). The UL RLC throughput (user data), including user data but excluding retransmissions, padding bits, data PDU headers and RLC control PDUs. Measured 2 times/second duration. Stored in Kbits per second.	ManagedElement_RncFunction_UtranCell.pmUIRlcUserPacketThp_Max	Average	Average, ecttbh, Maximum, Minimum, Sum
pmUIRlcUserPacketThp_Min	INTENSITY	FLOAT	-Obsolete in P6-Minimum:Reported for one PS Interactive Radio Bearer (RB), irrespective of the corresponding transport channel (DCH, FACH, E-DCH, HS-DSCH).	ManagedElement_RncFunction_UtranCell.pmUIRlcUserPacketThp_Min	Average	Average, ecttbh, Maximum, Minimum, Sum

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			The UL RLC throughput (user data), including user data but excluding retransmissions, padding bits, data PDU headers and RLC control PDUs. Measured 2 times/second duration. Stored in Kbits per second.			
pmUITrafficVolumeAmr4750	ACCUMULATION	INT8	Payload traffic on UL in kbits for speech AMR4750 RAB before macro diversity	ManagedElement_RncFunction_UtranCell.pmUITrafficVolumeAmr4750	Sum	ecttbh, Sum
pmUITrafficVolumeAmr5900	ACCUMULATION	INT8	Payload traffic on UL in kbits for speech AMR5900 RAB before macro diversity	ManagedElement_RncFunction_UtranCell.pmUITrafficVolumeAmr5900	Sum	ecttbh, Sum
pmUITrafficVolumeAmr7950	ACCUMULATION	INT8	Payload traffic on UL in kbits for speech AMR7950 RAB before macro diversity	ManagedElement_RncFunction_UtranCell.pmUITrafficVolumeAmr7950	Sum	ecttbh, Sum
pmUITrafficVolumeAmrNbMm	ACCUMULATION	INTEGER	Payload traffic in the uplink for conversational/speech AMR-NB Multimode RAB before macro diversity. Payload traffic includes both user data, and Medium Access Control (MAC) and Radio Link Control (RLC) header information. Retransmissions are	ManagedElement_RncFunction_UtranCell.pmUITrafficVolumeAmrNbMm	Sum	ecttbh

			also counted as part of the traffic volume.			
pmUITrafficVolumeAmrWb	ACCUMULATION	INTEGER	Monitor the payload traffic on Uplink in kb for conversational/speech AMR-WB RAB before macro diversity. Payload includes user data, Medium Access Control (MAC) and Radio Link Control (RLC) header information, and retransmissions are also counted as part of the traffic volume.	ManagedElement_RncFunction_UtranCell.pmUITrafficVolumeAmrWb	Sum	ecttbh, Sum
pmultraffivolumeCs12	ACCUMULATION	INT8	Payload traffic on Uplink (UL) in Kb for conversational/speech 12.2 Kbps Circuit Switch (CS) RAB before macro diversity. Payload includes user data, Medium Access Control (MAC) and Radio Link Control (RLC) header information, and retransmissions are also counted as part of the traffic volume.	ManagedElement_RncFunction_UtranCell.pmUITrafficVolumeCs12	Sum	ecttbh, Sum
pmultraffivolume	ACCUM	INT	-Obsolete in P5,	ManagedElement_RncF	Sum	ecttbh,

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cs12ps0	ULATI ON	8	Utrancell- Payload traffic on UL in Kb for conversational or speech 12.2 Kbps CS and interactive or background 0/0 Kbps multi RAB before macro diversity. Payload traffic includes user data, MAC and RLC header information, and retransmissions are also counted as part of the traffic volume.	unction_UtranCell.pmU TrafficVolumeCs12Ps0		Sum
pmultiafficvolume cs12ps64	ACCUM ULATIO N	INT 8	-Obsolete in P5, Utrancell- Payload traffic on UL in Kb for conversational or speech 12.2 Kbps CS and interactive or background 64/64 Kbps multi RAB before macro diversity. Payload traffic includes user data, MAC and RLC header information, and retransmissions are also counted as part of the traffic volume.	ManagedElement_RncF unction_UtranCell.pmU TrafficVolumeCs12Ps64	Sum	ecttbb, Sum
pmultiafficvolume cs57	ACCUM ULATIO N	INT 8	Payload traffic on UL in Kb for streaming 57.6 Kbps CS RAB before macro diversity. Payload traffic includes user data, MAC and RLC header information, and	ManagedElement_RncF unction_UtranCell.pmU TrafficVolumeCs57	Sum	ecttbb, Sum

			retransmissions are also counted as part of the traffic volume.			
pmultraffivolume cs64	ACCUM ULATIO N	INT 8	Payload traffic on UL in Kb for conversational 64 Kbps CS RAB before macro diversity. Payload traffic includes user data, MAC and RLC header information, and retransmissions are also counted as part of the traffic volume.	ManagedElement_RncF unction_UtranCell.pmUl TrafficVolumeCs64	Sum	ecttbh, Sum
pmUITrafficVolu meCs64Ps8	ACCUM ULATIO N	INT 8	-Obsolete in P5, Utrancell- Payload traffic on Uplink in kbits on Dedicated Channel.	ManagedElement_RncF unction_UtranCell.pmUl TrafficVolumeCs64Ps8	Sum	ecttbh, Sum
pmultraffivolume ps128	ACCUM ULATIO N	INT 8	Payload traffic (kbits) in UL before macro diversity for UeRc configurations which carries an Interactive UL Trch with max rate equal to 128 kbit/s. Only PS Interactive traffic is included. Pegged for every frame received.	ManagedElement_RncF unction_UtranCell.pmUl TrafficVolumePs128	Sum	ecttbh, Sum
pmUITrafficVolu mePs16	ACCUM ULATIO	INT EGE	Payload traffic, including	ManagedElement_RncF unction_UtranCell.pmUl	Sum	ecttbh, Sum

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	N	R	retransmissions, on Uplink (UL) in Kb for Interactive PS 16 kbps (DCH/DCH or DCH/HS) RAB before macro diversity. Payload includes user data, Medium Access Control (MAC), and Radio Link Control (RLC) header information.	TrafficVolumePs16		
pmultitrafficvolume ps384	ACCUMULATION	INT8	Payload traffic (kbits) in UL before macro diversity for UeRc configurations which carries an Interactive UL Trch with max rate equal to 384 kbit/s. Only PS Interactive traffic is included. Pegged for every frame received.	ManagedElement_RncFunction_UtranCell.pmUITrafficVolumePs384	Sum	ecttbh, Sum
pmultitrafficvolume ps64	ACCUMULATION	INT8	Payload traffic (kbits) in UL before macro diversity for UeRc configurations which carries an Interactive UL Trch with max rate equal to 64 kbit/s. Only PS Interactive traffic is included. Pegged for every frame received.	ManagedElement_RncFunction_UtranCell.pmUITrafficVolumePs64	Sum	ecttbh, Sum
pmUITrafficVolumePs8	ACCUMULATION	INT8	Payload traffic (kbits) in UL before macro diversity for UeRc	ManagedElement_RncFunction_UtranCell.pmUITrafficVolumePs8	Sum	ecttbh, Sum

			configurations which carry an Interactive UL TrCH with a maximum bit rate equal to 8 kbit/s. Only the PS Interactive part of the traffic volume is measured.			
pmultrafficevolume pscommon	ACCUM ULATIO N	INT 8	Payload traffic on UL in Kb for PS RAB on FACH/RACH. Retransmissions are also counted as part of the traffic volume.	ManagedElement_RncFunction_UtranCell.pmUlTrafficVolumePsCommon	Sum	ecttbh, Sum
pmUITrafficVolumePsIntEul	ACCUM ULATIO N	INT EGER	Payload traffic (kbits) in UL UeRc configurations on E-DCH . Only Interact. PS traffic is included.	ManagedElement_RncFunction_UtranCell.pmUlTrafficVolumePsIntEul	Sum	ecttbh, Sum
pmUITrafficVolumePsStr128	ACCUM ULATIO N	INT 8	Payload traffic (kbits) in UL before macro diversity for UeRc configurations which carry a Streaming UL TrCH with a maximum bit rate equal to 128 kbit/s. Only the PS Streaming part of the traffic volume is measured	ManagedElement_RncFunction_UtranCell.pmUlTrafficVolumePsStr128	Sum	ecttbh, Sum

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pmUITrafficVolumePsStr128Ps8	ACCUMULATION	INT8	-Obsolete in P5, Utrancell- Payload traffic on UL in kbits for PS Streaming 16/128 + Packet 8 kbps RABs after macro-diversity.	ManagedElement_RncFunction_UtranCell.pmUITrafficVolumePsStr128Ps8	Sum	ecttbh, Sum
pmUITrafficVolumePsStr16	ACCUMULATION	INT8	Payload traffic (kbits) in UL before macro diversity for UeRc configurations which carry a Streaming UL TrCH with a maximum bit rate equal to 16 kbit/s. Only the PS Streaming part of the traffic volume is measured. Pegged when an UL data frame is received.	ManagedElement_RncFunction_UtranCell.pmUITrafficVolumePsStr16	Sum	ecttbh, Sum
pmUITrafficVolumePsStr32	ACCUMULATION	INTEGER	Payload traffic (kbits) in UL before macro diversity for UeRc configurations which carries an Streaming PS UL Trch on 32 kbit/s DCH. Only PS Streaming traffic is included.	ManagedElement_RncFunction_UtranCell.pmUITrafficVolumePsStr32	Sum	ecttbh, Sum
pmUITrafficVolumePsStr64Ps8	ACCUMULATION	INT8	-Obsolete in P5, Utrancell- Payload traffic on UL in Kb for streaming 16/64 PS kbps and interactive/background and 8/8 PS multi RAB before macrodiversity.	ManagedElement_RncFunction_UtranCell.pmUITrafficVolumePsStr64Ps8	Sum	ecttbh, Sum

pmUITrafficVolumeSrb136	ACCUMULATION	INTEGER	Payload traffic in the uplink for SRB 13.6 before macro diversity. Payload traffic includes both user data, and Medium Access Control (MAC) and Radio Link Control (RLC) header information. Retransmissions are also counted as part of the traffic volume.	ManagedElement_RncFunction_UtranCell.pmUITrafficVolumeSrb136	Sum	ectt h
pmUITrafficVolumeSrb34	ACCUMULATION	INTEGER	Payload traffic in the uplink for SRB 3.4 before macro diversity. Payload traffic includes both user data, and Medium Access Control (MAC) and Radio Link Control (RLC) header information. Retransmissions are also counted as part of the traffic volume.	ManagedElement_RncFunction_UtranCell.pmUITrafficVolumeSrb34	Sum	ectt h
Tot_pmSumTransmittedBitsSpi	ACCUMULATION	INT8	Aggregated at Cell measurements to observe the total amount of data sent on MAC-hs level per scheduling priority class 00-15.	ManagedElement_RncFunction_UtranCell.Tot_pmSumTransmittedBitsSpi	Sum	ectt h , Sum
total_cs_dl_traffic	ACCUMULATION	INT8	Total CD DL traffic.	{pmdltrafficvolumecs12}+	Sum	ectt h , Sum

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	N			{pmdltrafficvolumecs57} }+ {pmdltrafficvolumecs64} }		
total_cs_traffic	ACCUM ULATIO N	INT 8	Total CS traffic.	{pmdltrafficvolumecs12} }+ {pmdltrafficvolumecs57} }+ {pmdltrafficvolumecs64} }+ {pmultrafficvolumecs12} }+ {pmultrafficvolumecs57} }+ {pmultrafficvolumecs64} }	Sum	ecttbh, Sum
total_cs_ul_traffic	ACCUM ULATIO N	INT 8	Total CS UL traffic.	{pmultrafficvolumecs12} }+ {pmultrafficvolumecs57} }+ {pmultrafficvolumecs64} }	Sum	ecttbh, Sum
total_dl_traffic	ACCUM ULATIO N	INT 8	Total DL traffic.	{pmdltrafficvolumecs12} }+ {pmdltrafficvolumecs57} }+ {pmdltrafficvolumecs64} }+ {pmdltrafficvolumeps64} }+ {pmdltrafficvolumeps128} }+ {pmdltrafficvolumeps384} }+ {pmdltrafficvolumepscommon} } + {pmdITrafficVolumePs StrMbms128} + {pmdITrafficVolumePs StrMbms256} + {pmdITrafficVolumePs StrMbms64} + {pmdITrafficVolumeA mrWb} +	Sum	ecttbh, Sum

				{pmDITrafficVolumePs16} + {pmDITrafficVolumePsIntHs} + {pmDITrafficVolumePsStrHs}		
total_ps_dl_traffic	ACCUMULATION	INT8	Total PS DL traffic.	{pmdltrafficvolumeeps64}+ {pmdltrafficvolumeeps128}+ {pmdltrafficvolumeeps384} + {pmdltrafficvolumeepscommon}+ {pmDITrafficVolumePsStrMbms128} + {pmDITrafficVolumePsStrMbms256} + {pmDITrafficVolumePsStrMbms64} + {pmDITrafficVolumePs16} + {pmDITrafficVolumePsIntHs} + {pmDITrafficVolumePsStrHs}	Sum	ecttbh, Sum
total_ps_traffic	ACCUMULATION	INT8	Total PS traffic.	{pmultrafficvolumeeps64}+ {pmultrafficvolumeeps128}+ {pmultrafficvolumeeps384}+ {pmultrafficvolumeepscommon}+ {pmdltrafficvolumeeps64}+ {pmdltrafficvolumeeps128}+ {pmdltrafficvolumeeps384}+	Sum	ecttbh, Sum

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				<pre> {pmdltrafficvolumepscommon} + {pmDITrafficVolumePsStrMbms128} + {pmDITrafficVolumePsStrMbms256} + {pmDITrafficVolumePsStrMbms64} + {pmDITrafficVolumePs16} + {pmDITrafficVolumePsIntHs} + {pmDITrafficVolumePsStrHs} + {pmUITrafficVolumePs16} + {pmUITrafficVolumePsIntEul} + {pmUITrafficVolumePsStr32} </pre>		
total_ps_ul_traffic	ACCUMULATION	INT8	Total PS UL traffic.	<pre> {pmultrafficvolumeps64}+ {pmultrafficvolumeps128}+ {pmultrafficvolumeps384}+ {pmultrafficvolumepscommon} + {pmUITrafficVolumePs16} + {pmUITrafficVolumePsIntEul} + {pmUITrafficVolumePsStr32} </pre>	Sum	ecttbh, Sum
total_traffic	ACCUMULATION	INT8	-Obsolete in P6- Total traffic derived from all counters. Formula = pmDITrafficVolumeAmr4750 + pmDITrafficVolumeAmr5900 + pmDITrafficVolumeAmr7950 + pmDITrafficVolume	ManagedElement_RncFunction_UtranCell.Cell_Total_Traffic	Sum	ecttbh, Sum

		eCs12 + pmDITrafficVolum eCs57 + pmDITrafficVolum eCs64 + pmDITrafficVolum ePs8 + pmDITrafficVolum ePs64 + pmDITrafficVolum ePs128 + pmDITrafficVolum ePs384 + pmDITrafficVolum ePsCommon + pmDITrafficVolum ePsStr16 + pmDITrafficVolum ePsStr128 + pmDITrafficVolum ePsStr64 + pmUITrafficVolum eAmr4750 + pmUITrafficVolum eAmr5900 + pmUITrafficVolum eAmr7950 + pmUITrafficVolum eCs12 + pmUITrafficVolum eCs57 + pmUITrafficVolum eCs64 + pmUITrafficVolum ePs8 + pmUITrafficVolum ePs64 + pmUITrafficVolum ePs128 + pmUITrafficVolum ePs384 +		
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			<p>pmUITrafficVolumePsCommon + pmUITrafficVolumePsStr16 + pmUITrafficVolumePsStr128 + Tot_pmSumTransmittedBitsSpi + pmDITrafficVolumePsStrMbms128 + pmDITrafficVolumePsStrMbms256 + pmDITrafficVolumePsStrMbms64 + pmDITrafficVolumeAmrWb + pmDITrafficVolumePs16 + pmDITrafficVolumePsIntHs + pmDITrafficVolumePsStrHs + pmUITrafficVolumeAmrWb + pmUITrafficVolumePs16 + pmUITrafficVolumePsIntEul + pmUITrafficVolumePsStr32</p>			
total_ul_traffic	ACCUMULATION	INT 8	Total UL traffic.	{pmUITrafficVolumeAmr4750}+ {pmUITrafficVolumeAmr5900}+ {pmUITrafficVolumeAmr7950}+ {pmultraffictvolumecs12} }+ {pmultraffictvolumecs57} }+ {pmultraffictvolumecs64} }+ {pmUITrafficVolumePs8} }+ {pmultraffictvolumeps64}	Sum	ecttbh, Sum

				<pre> }+ {pmultraffictrafficvolumePs128}+ {pmultraffictrafficvolumePs384}+ {pmultraffictrafficvolumePscommon}+ {pmUITrafficVolumePsStr16}+ {pmUITrafficVolumePsStr128} + {pmUITrafficVolumePsStrWb} + {pmUITrafficVolumePsStr16} + {pmUITrafficVolumePsStrEul} + {pmUITrafficVolumePsStr32} </pre>		
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7.13.61 Cell.Ericsson.UMTS.URA_Update

Utran Routing Area update request statistics.

KPI	Type	Data Type	Description	Derivation	Default Aggregator	Other Aggregators
%_pmNoUraUpdSuccess	PERCENTAGE	FLOAT	Percentage of successful URA updates. This counter is increased for every successful URA update. Note:	$100 * \frac{\{pmNoUraUpdSuccess\}}{\{pmNoUraUpdAttempt\}}$	Average	Average, ecttbh

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			This counter is only incremented in the SRNC.			
pmNoUraUpdAttempt	ACCUMULATION	INTEGER	Number of attempted URA updates. This counter is increased for every attempted URA update. Note: This counter is only incremented in the SRNC.	ManagedElement_Rnc Function_UtranCell.pm NoUraUpdAttempt	Sum	ectt h , Sum
pmNoUraUpdSuccess	ACCUMULATION	INTEGER	Number of successful URA updates. This counter is increased for every successful URA update. Note: This counter is only incremented in the SRNC.	ManagedElement_Rnc Function_UtranCell.pm NoUraUpdSuccess	Sum	ectt h , Sum

7.14 DC_SP_Device Performance Indicators

This section shows the key performance indicators and other counters for the DC_SP_Device object, divided into the following sub-sections:

- [DC_SP_Device.Ericsson.UMTS.SP_Processor_Load.DC](#)

7.14.1 DC_SP_Device.Ericsson.UMTS.SP_Processor_Load.DC

DC SP processor related statistics.

KPI	Type	Data Type	Description	Derivation	Default Aggregator	Other Aggregators
AvgDcSpLoad	PERCENTAGE	FLOAT	The average measured load on The DC SP	$100 * \frac{\{pmSumMeasuredDcSpLoad\}}{\{pmSamplesMeasuredDcSpLoad\}}$	Average	Average, erttbh
pmSamplesMeasuredDcSpLoad	ACCUMULATION	INTEGER	Number of samples recorded within the ROP period for -Level of the average measured load on the DC SP-	ME_Eqpt_SpDevicePool_DcDevice.pmSamplesMeasuredDcSpLoad	Sum	erttbh, Sum

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pmSumMeasuredDcSpLoad	ACCUMULATION	INTEGER	Sum of all sample values recorded for -Level of the averaged measured load on the DC SP-	ME_Eqpt_SpDevicePool_DcDevice.pmSumMeasuredDcSpLoad	Sum	erttbh, Sum
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7.15 DchFrameSynch Performance Indicators

This section shows the key performance indicators and other counters for the DchFrameSynch object, divided into the following sub-sections:

- [DchFrameSynch.Ericsson.UMTS.DCH_Frame_Synchronisation](#)

7.15.1 DchFrameSynch.Ericsson.UMTS.DCH_Frame_Synchronisation

DCh Frame synchronisation statistics

KPI	Type	Data Type	Description	Derivation	Default Aggregator	Other Aggregators
pmNoDchDITimingAdjContrFrames	ACCUMULATION	INTEGER	Number of received DL timing adjustment control frames for Dch.	ManagedElement_RncFunction_DchFrameSynch.pmNoDchDITimingAdjContrFrames	Sum	erttbh, Sum
pmNoDchUIDataFramesOutsideWindow	ACCUMULATION	INTEGER	Number of	ManagedElement_RncFunction_DchFrameSynch.pmNoDchUIDa	Sum	erttbh, Sum

		R	UL data frames received outside desired window.	taFramesOutsideWindow		
pmNoDIDchDiscardedDataFramesE	ACCUMULATION	INTEGER	Number of discarded DL data frames due to too early reception.	ManagedElement_RncFunction_DchFrameSynch.pmNoDIDchDiscardedDataFramesE	Sum	erttbh, Sum
pmNoDIDchDiscardedDataFramesL	ACCUMULATION	INTEGER	Number of discarded DL data frames due to too late reception.	ManagedElement_RncFunction_DchFrameSynch.pmNoDIDchDiscardedDataFramesL	Sum	erttbh, Sum
pmNoUIDchDiscardedDataFramesE	ACCUMULATION	INTEGER	Number of discar	ManagedElement_RncFunction_DchFrameSynch.pmNoUIDchDiscardedDataFramesE	Sum	erttbh, Sum

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			ded UL data frames due to too early reception.			
pmNoUIDchDiscardedDataFramesL	ACCUMULATION	INTEGER	Number of discarded UL data frames due to too late reception.	ManagedElement_RncFunction_DchFrameSynch.pmNoUIDchDiscardedDataFramesL	Sum	erttbh, Sum

7.16 Downlink_Baseband_Pool Performance Indicators

This section shows the key performance indicators and other counters for the Downlink_Baseband_Pool object, divided into the following sub-sections:

- [Downlink_Baseband_Pool.Ericsson.UMTS.hardware_usage_statistics](#)
- [Downlink_Baseband_Pool.Ericsson.UMTS.PDF_pmCapacityDlCe](#)
- [Downlink_Baseband_Pool.Ericsson.UMTS.PDF_pmUsedADch](#)

7.16.1 Downlink_Baseband_Pool.Ericsson.UMTS.hardware_usage_statistics

Baseband Pool resource usage statistics for downlink connection.

KPI	Type	Data Type	Description	Derivation	Default Aggregator	Other Aggregators
%_Failed_CapacityAllocAttDlCe	PERCENTAGE	FLOAT	Percentage failed attempts to allocate DL Channel	100 * $\frac{\{\text{pmCapacityAllocRejDlCe}\}}{\{\text{pmCapacityAllocAttDlCe}\}}$	Average	Average, enblbh

			Elements..			
pmAllocRejADch	ACCUMULATION	INTEGER	The number of attempts to allocate resources for new HS-DSCH user that is rejected due to lack of A-DCH resources.	NodeB_DLBasebandPool.p mAllocRejADch	Sum	Average, enblbh
pmApomcOfMdlr	INTENSITY	FLOAT	- Obsolete in P7: The average percentage of maximum capacity for Mixed Downlink Link Rate on the Downlink base band pool during a 15 minutes period.	NodeB_DLBasebandPool.p mApomcOfMdlr	Average	Average, enblbh , Maximum, Minimum, Sum
pmApomcOfMdsr	INTENSITY	FLOAT	- Obsolete in P7: The average percentage of maximum capacity for Mixed Downlink Service Rate on the Downlink base band pool during a 15 minutes	NodeB_DLBasebandPool.p mApomcOfMdsr	Average	Average, enblbh , Maximum, Minimum, Sum

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			period.			
pmApomcOfSpreadersUsed	INTENSITY	FLOAT	- Obsolete in P7: The average percentage of maximum capacity for number of Spreaders used in the Downlink baseband pool during a 15 minutes period.	NodeB_DLBasebandPool.p mApomcOfSpreadersUsed	Average	Average, enblbh, Maximum, Minimum, Sum
pmCapacityAllocAttDiCe	ACCUMULATION	INTEGER	The number of attempts to allocate DL Channel Elements.	NodeB_DLBasebandPool.p mCapacityAllocAttDiCe	Sum	Average, enblbh
pmCapacityAllocRejDiCe	ACCUMULATION	INTEGER	The number of attempts to allocate DL Channel Elements that are rejected (related to bin [0] of pmCapacityDiCe).	NodeB_DLBasebandPool.p mCapacityAllocRejDiCe	Sum	Average, enblbh
pmCapacityDiCe_Avg	INTENSITY	FLOAT	Average: The distribution of the DL Channel Element utilization, as percentages of the license limit for the DownlinkBaseBandPool. If two baseband pools are used,	NodeB_DLBasebandPool.p mCapacityDiCe_Avg	Average	Average, enblbh, Sum, Minimum, Maximum

			the licensed capacity of DL Channel Elements is distributed between the two baseband pools according to the parameter NodeBFunction::dLicFractBPool2. The licensed capacity is not distributed when Delayed Activation is active, at Emergency Unlock, at 9999, and at No License Key.			
pmCapacityDlCe_Max	INTENSITY	INTEGER	Maximum: The distribution of the DL Channel Element utilization, as percentages of the license limit for the DownlinkBaseBandPool. If two baseband pools are used, the licensed capacity of DL	NodeB_DLBasebandPool.p mCapacityDlCe_Max	Average	Average, enblbh, Sum, Minimum, Maximum

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			Channel Elements is distributed between the two baseband pools according to the parameter NodeBFunction::dLicFractBPool2. The licensed capacity is not distributed when Delayed Activation is active, at Emergency Unlock, at 9999, and at No License Key.		
pmCapacityDlCe_Min	INTENSITY	INTEGER	Minimum: The distribution of the DL Channel Element utilization, as percentages of the license limit for the DownlinkBaseBandPool. If two baseband pools are used, the licensed capacity of DL Channel Elements is distributed between the two baseband pools according to the parameter	NodeB_DLBasebandPool.p mCapacityDlCe_Min	Average, enblbh, Sum, Minimum, Maximum

			NodeBFunction::dlLicFractBPool2. The licensed capacity is not distributed when Delayed Activation is active, at Emergency Unlock, at 9999, and at No License Key.			
pmNoOfRadioLinksSf128	INTENSITY	FLOAT	The number of radio links used on the Downlink base band pool, with minimum spreading factor = 128.	NodeB_DLBasebandPool.pmNoOfRadioLinksSf128	Average	Average, enblbh , Maximum, Minimum, Sum
pmNoOfRadioLinksSf16	INTENSITY	FLOAT	The number of radio links used on the Downlink base band pool, with minimum spreading factor = 16.	NodeB_DLBasebandPool.pmNoOfRadioLinksSf16	Average	Average, enblbh , Maximum, Minimum, Sum
pmNoOfRadioLinksSf256	INTENSITY	FLOAT	The number of radio links used on the Downlink base band pool, with minimum spreading	NodeB_DLBasebandPool.pmNoOfRadioLinksSf256	Average	Average, enblbh , Maximum, Minimum

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			factor = 256.			um, Sum
pmNoOfRadioLinksSf32	INTENSITY	FLOAT	The number of radio links used on the Downlink base band pool, with minimum spreading factor = 32.	NodeB_DLBasebandPool.p mNoOfRadioLinksSf32	Average	Average, enblbh , Maximum, Minimum, Sum
pmNoOfRadioLinksSf4	INTENSITY	FLOAT	The number of radio links used on the Downlink base band pool, with minimum spreading factor = 4.	NodeB_DLBasebandPool.p mNoOfRadioLinksSf4	Average	Average, enblbh , Maximum, Minimum, Sum
pmNoOfRadioLinksSf64	INTENSITY	FLOAT	The number of radio links used on the Downlink base band pool, with minimum spreading factor = 64.	NodeB_DLBasebandPool.p mNoOfRadioLinksSf64	Average	Average, enblbh , Maximum, Minimum, Sum
pmNoOfRadioLinksSf8	INTENSITY	FLOAT	The number of radio links used on the Downlink base band pool, with minimum spreading factor = 8.	NodeB_DLBasebandPool.p mNoOfRadioLinksSf8	Average	Average, enblbh , Maximum, Minimum, Sum
pmNoOfRIAdditionFailuresSf128	ACCUMULATION	INT8	The number of RL addition failures (SF128) due to TXB	NodeB_DLBasebandPool.p mNoOfRIAdditionFailuresSf128	Sum	Average, enblbh , Sum

			congestion during a 15 minutes period (not the total sum).			
pmNoOfRIAdditionFailuresSf16	ACCUMULATION	INT8	The number of RL addition failures (SF16) due to TXB congestion during a 15 minutes period (not the total sum).	NodeB_DLBasebandPool.p mNoOfRIAdditionFailuresSf 16	Sum	Average, enblbh , Sum
pmNoOfRIAdditionFailuresSf256	ACCUMULATION	INT8	The number of RL addition failures (SF256) due to TXB congestion during a 15 minutes period (not the total sum).	NodeB_DLBasebandPool.p mNoOfRIAdditionFailuresSf 256	Sum	Average, enblbh , Sum
pmNoOfRIAdditionFailuresSf32	ACCUMULATION	INT8	The number of RL addition failures (SF32) due to TXB congestion during a 15 minutes period (not the total sum).	NodeB_DLBasebandPool.p mNoOfRIAdditionFailuresSf 32	Sum	Average, enblbh , Sum
pmNoOfRIAdditionFailuresSf4	ACCUMULATION	INT8	The number of RL addition failures (SF4) due to TXB congestion	NodeB_DLBasebandPool.p mNoOfRIAdditionFailuresSf 4	Sum	Average, enblbh , Sum

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			during a 15 minutes period (not the total sum).			
pmNoOfRIAdditionFailuresSf64	ACCUMULATION	INT8	The number of RL addition failures (SF64) due to TXB congestion during a 15 minutes period (not the total sum).	NodeB_DLBasebandPool.pmNoOfRIAdditionFailuresSf64	Sum	Average, enblbh, Sum
pmNoOfRIAdditionFailuresSf8	ACCUMULATION	INT8	The number of RL addition failures (SF8) due to TXB congestion during a 15 minutes period (not the total sum).	NodeB_DLBasebandPool.pmNoOfRIAdditionFailuresSf8	Sum	Average, enblbh, Sum
pmSamplesCapacityDICE	ACCUMULATION	INTEGER	Number of samples in pmSumCapacityDICE (that is, pmSamplesCapacityDICE = pmSamplesCapacityDICE + 1, whenever pmSumCapacityDICE is to be updated).	NodeB_DLBasebandPool.pmSamplesCapacityDICE	Sum	Average, enblbh
pmSetupAttemptsSf128	ACCUMULATION	INT8	The number of setup attempts (SF = 128) on the Downlink base band pool during a 15 minutes period (not the total sum).	NodeB_DLBasebandPool.pmSetupAttemptsSf128	Sum	Average, enblbh, Sum

pmSetupAttemptsSf16	ACCUMULATION	INT8	The number of setup attempts (SF = 16) on the Downlink base band pool during a 15 minutes period (not the total sum).	NodeB_DLBasebandPool.p mSetupAttemptsSf16	Sum	Average, enblbh , Sum
pmSetupAttemptsSf256	ACCUMULATION	INT8	The number of setup attempts (SF = 256) on the Downlink base band pool during a 15 minutes period (not the total sum).	NodeB_DLBasebandPool.p mSetupAttemptsSf256	Sum	Average, enblbh , Sum
pmSetupAttemptsSf32	ACCUMULATION	INT8	The number of setup attempts (SF = 32) on the Downlink base band pool during a 15 minutes period (not the total sum).	NodeB_DLBasebandPool.p mSetupAttemptsSf32	Sum	Average, enblbh , Sum
pmSetupAttemptsSf4	ACCUMULATION	INT8	The number of setup attempts (SF = 4) on the Downlink base band pool during a 15 minutes period (not the total sum).	NodeB_DLBasebandPool.p mSetupAttemptsSf4	Sum	Average, enblbh , Sum
pmSetupAttemptsSf64	ACCUMULATION	INT8	The number of setup attempts	NodeB_DLBasebandPool.p mSetupAttemptsSf64	Sum	Average,

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			(SF = 64) on the Downlink base band pool during a 15 minutes period (not the total sum).			enblbh , Sum
pmSetupAttemptsSf8	ACCUMULATION	INT8	The number of setup attempts (SF = 8) on the Downlink base band pool during a 15 minutes period (not the total sum).	NodeB_DLBasebandPool.pmSetupAttemptsSf8	Sum	Average, enblbh , Sum
pmSetupFailuresSf128	ACCUMULATION	INT8	The number of setup failures (SF = 128) due to RAXB congestion on the Downlink base band pool during a 15 minutes period (not the total sum).	NodeB_DLBasebandPool.pmSetupFailuresSf128	Sum	Average, enblbh , Sum
pmSetupFailuresSf16	ACCUMULATION	INT8	The number of setup failures (SF = 16) due to RAXB congestion on the Downlink base band pool during a 15 minutes period (not the total sum).	NodeB_DLBasebandPool.pmSetupFailuresSf16	Sum	Average, enblbh , Sum
pmSetupFailuresSf256	ACCUMULATION	INT8	The number of setup failures (SF = 256) due to RAXB congestion on	NodeB_DLBasebandPool.pmSetupFailuresSf256	Sum	Average, enblbh , Sum

			the Downlink base band pool during a 15 minutes period (not the total sum).		
pmSetupFailuresSf32	ACCUMULATION	INT8	The number of setup failures (SF = 32) due to RAXB congestion on the Downlink base band pool during a 15 minutes period (not the total sum).	NodeB_DLBasebandPool.pmSetupFailuresSf32	Average, enblbh, Sum
pmSetupFailuresSf4	ACCUMULATION	INT8	The number of setup failures (SF = 4) due to RAXB congestion on the Downlink base band pool during a 15 minutes period (not the total sum).	NodeB_DLBasebandPool.pmSetupFailuresSf4	Average, enblbh, Sum
pmSetupFailuresSf64	ACCUMULATION	INT8	The number of setup failures (SF = 64) due to RAXB congestion on the Downlink base band pool during a 15 minutes period (not the total sum).	NodeB_DLBasebandPool.pmSetupFailuresSf64	Average, enblbh, Sum

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pmSetupFailuresSf8	ACCUMULATION	INT8	The number of setup failures (SF = 8) due to RAXB congestion on the Downlink base band pool during a 15 minutes period (not the total sum).	NodeB_DLBasebandPool.pmSetupFailuresSf8	Sum	Average, enblbh, Sum
pmSumCapacityDIce	ACCUMULATION	INTEGER	Aggregate of all sample values (measurement_value) recorded within the ROP for number of used DL Channel Elements.	NodeB_DLBasebandPool.pmSumCapacityDIce	Sum	Average, enblbh
pmSumSqrCapacityDIce	ACCUMULATION	INTEGER	Aggregate of the squares of the sample values (measurement_value) in pmSumCapacityDIce, that is, pmSumSqrCapacityDIce = pmSumCapacityDIce + sqr (measurement_value).	NodeB_DLBasebandPool.pmSumSqrCapacityDIce	Sum	Average, enblbh
pmUsedADch_Avg	INTENSITY	FLOAT	Average: The distribution of A-DCH resource utilization, as percentages of	NodeB_DLBasebandPool.pmUsedADch_Avg	Average	Average, enblbh, Sum, Minimum,

			the configured A-DCH resources.			Maximum
pmUsedADch_Max	INTENSITY	INTEGER	Maximum: The distribution of A-DCH resource utilization, as percentages of the configured A-DCH resources.	NodeB_DLBasebandPool.p mUsedADch_Max	Average	Average, enblbh, Sum, Minimum, Maximum
pmUsedADch_Min	INTENSITY	INTEGER	Minimum: The distribution of A-DCH resource utilization, as percentages of the configured A-DCH resources.	NodeB_DLBasebandPool.p mUsedADch_Min	Average	Average, enblbh, Sum, Minimum, Maximum
setupattempts	ACCUMULATION	INT8	The number of setup attempts on the Downlink base band pool during a 15 minutes period.	{pmSetupAttemptsSf4}+ {pmSetupAttemptsSf8}+ {pmSetupAttemptsSf16}+ {pmSetupAttemptsSf32}+ {pmSetupAttemptsSf64}+ {pmSetupAttemptsSf128}+ {pmSetupAttemptsSf256}	Sum	Average, enblbh, Sum
setupfailures	ACCUMULATION	INT8	The number of setup failures due to RAXB congestion on the Downlink base band pool during a 15 minutes	{pmSetupFailuresSf4}+ {pmSetupFailuresSf8}+ {pmSetupFailuresSf16}+ {pmSetupFailuresSf32}+ {pmSetupFailuresSf64}+ {pmSetupFailuresSf128}+ {pmSetupFailuresSf256}	Sum	Average, enblbh, Sum

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			period.			
setupsuccess	ACCUMULATION	INT8	The number of setup success on the Downlink base band pool during a 15 minutes period.	{setupattempts} - {setupfailures}	Sum	Average, enblbh, Sum

7.16.2 Downlink_Baseband_Pool.Ericsson.UMTS.PDF_pmCapacityDlCe

pmCapacityDlCe PDF counters

KPI	Type	Data Type	Description	Derivation	Default Aggregator	Other Aggregators
pmCapacityDlCe_0	ACCUMULATION	INTEGER	The distribution of the DL Channel Element utilization, as percentages of the license limit for the DownlinkBaseBandPool. If two baseband pools are used, the licensed capacity of DL Channel Elements is distributed between the two baseband pools according to the parameter NodeBFunction::dlLicFractBBPool2. The licensed capacity is not distributed at delayed activation of license key, at	NodeB_DLBasebandPool.pmCapacityDlCe_0	Sum	

			emergency unlock, when the license key value is 9999, and when license key is invalid/missing.			
pmCapacityDlCe_10	ACCUMULATION	INTEGER	The distribution of the DL Channel Element utilization, as percentages of the license limit for the DownlinkBaseBandPool. If two baseband pools are used, the licensed capacity of DL Channel Elements is distributed between the two baseband pools according to the parameter NodeBFunction::dlLicFractBBPool2. The licensed capacity is not distributed at delayed activation of license key, at emergency unlock, when the license key value is 9999, and when license key is	NodeB_DLBasebandPool.pmCapacityDlCe_10	Sum	

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			invalid/missing.			
pmCapacityDICE_1	ACCUMULATION	INTEGER	The distribution of the DL Channel Element utilization, as percentages of the license limit for the DownlinkBaseBandPool. If two baseband pools are used, the licensed capacity of DL Channel Elements is distributed between the two baseband pools according to the parameter NodeBFunction::dlLicFractBBPool2. The licensed capacity is not distributed at delayed activation of license key, at emergency unlock, when the license key value is 9999, and when license key is invalid/missing.	NodeB_DLBasebandPool1.pmCapacityDICE_1	Sum	
pmCapacityDICE_2	ACCUMULATION	INTEGER	The distribution of the DL Channel Element utilization, as percentages of the license limit for the DownlinkBaseBandPool. If two baseband pools	NodeB_DLBasebandPool1.pmCapacityDICE_2	Sum	

			are used, the licensed capacity of DL Channel Elements is distributed between the two baseband pools according to the parameter NodeBFunction::dLicFractBBPool2. The licensed capacity is not distributed at delayed activation of license key, at emergency unlock, when the license key value is 9999, and when license key is invalid/missing.			
pmCapacityDlCe_3	ACCUMULATION	INTEGER	The distribution of the DL Channel Element utilization, as percentages of the license limit for the DownlinkBaseBandPool. If two baseband pools are used, the licensed capacity of DL Channel Elements is distributed between the two	NodeB_DLBasebandPool1.pmCapacityDlCe_3	Sum	

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			baseband pools according to the parameter NodeBFunction::dLicFractBBPool2. The licensed capacity is not distributed at delayed activation of license key, at emergency unlock, when the license key value is 9999, and when license key is invalid/missing.		
pmCapacityDlCe_4	ACCUMULATION	INTEGER	The distribution of the DL Channel Element utilization, as percentages of the license limit for the DownlinkBaseBandPool. If two baseband pools are used, the licensed capacity of DL Channel Elements is distributed between the two baseband pools according to the parameter NodeBFunction::dLicFractBBPool2. The licensed capacity is not distributed at delayed activation of license key, at	NodeB_DLBasebandPool1.pmCapacityDlCe_4	Sum

			emergency unlock, when the license key value is 9999, and when license key is invalid/missing.			
pmCapacityDlCe_5	ACCUMULATION	INTEGER	The distribution of the DL Channel Element utilization, as percentages of the license limit for the DownlinkBaseBandPool. If two baseband pools are used, the licensed capacity of DL Channel Elements is distributed between the two baseband pools according to the parameter NodeBFunction::dlLicFractBBPool2. The licensed capacity is not distributed at delayed activation of license key, at emergency unlock, when the license key value is 9999, and when license key is	NodeB_DLBasebandPool.pmCapacityDlCe_5	Sum	

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			invalid/missing.			
pmCapacityDICE_6	ACCUMULATION	INTEGER	The distribution of the DL Channel Element utilization, as percentages of the license limit for the DownlinkBaseBandPool. If two baseband pools are used, the licensed capacity of DL Channel Elements is distributed between the two baseband pools according to the parameter NodeBFunction::dlLicFractBBPool2. The licensed capacity is not distributed at delayed activation of license key, at emergency unlock, when the license key value is 9999, and when license key is invalid/missing.	NodeB_DLBasebandPool1.pmCapacityDICE_6	Sum	
pmCapacityDICE_7	ACCUMULATION	INTEGER	The distribution of the DL Channel Element utilization, as percentages of the license limit for the DownlinkBaseBandPool. If two baseband pools	NodeB_DLBasebandPool1.pmCapacityDICE_7	Sum	

			are used, the licensed capacity of DL Channel Elements is distributed between the two baseband pools according to the parameter NodeBFunction::dLicFractBBPool2. The licensed capacity is not distributed at delayed activation of license key, at emergency unlock, when the license key value is 9999, and when license key is invalid/missing.			
pmCapacityDlCe_8	ACCUMULATION	INTEGER	The distribution of the DL Channel Element utilization, as percentages of the license limit for the DownlinkBaseBandPool. If two baseband pools are used, the licensed capacity of DL Channel Elements is distributed between the two	NodeB_DLBasebandPool1.pmCapacityDlCe_8	Sum	

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			baseband pools according to the parameter NodeBFunction::dLicFractBBPool2. The licensed capacity is not distributed at delayed activation of license key, at emergency unlock, when the license key value is 9999, and when license key is invalid/missing.		
pmCapacityDlCe_9	ACCUMULATION	INTEGER	The distribution of the DL Channel Element utilization, as percentages of the license limit for the DownlinkBaseBandPool. If two baseband pools are used, the licensed capacity of DL Channel Elements is distributed between the two baseband pools according to the parameter NodeBFunction::dLicFractBBPool2. The licensed capacity is not distributed at delayed activation of license key, at	NodeB_DLBasebandPool1.pmCapacityDlCe_9	Sum

			emergency unlock, when the license key value is 9999, and when license key is invalid/missing.		
--	--	--	--	--	--

7.16.3 Downlink_Baseband_Pool.Ericsson.UMTS.PDF_pmUsedADch

pmUsedADch PDF counters

KPI	Type	Data Type	Description	Derivation	Default Aggregator	Other Aggregators
pmUsedADch_0	ACCUMULATION	INTEGER	The distribution of A-DCH resource utilization, as percentages of the configured A-DCH resources.	NodeB_DLBasebandPool.pmUsedADch_0	Sum	
pmUsedADch_10	ACCUMULATION	INTEGER	The distribution of A-DCH resource utilization, as percentages of the configured A-DCH resources.	NodeB_DLBasebandPool.pmUsedADch_10	Sum	
pmUsedADch_1	ACCUMULATION	INTEGER	The distribution	NodeB_DLBasebandPool.pmUsedADch_1	Sum	

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			of A-DCH resource utilization, as percentages of the configured A-DCH resources.			
pmUsedADch_2	ACCUMULATION	INTEGER	The distribution of A-DCH resource utilization, as percentages of the configured A-DCH resources.	NodeB_DLBasebandPool.pmUsedADch_2	Sum	
pmUsedADch_3	ACCUMULATION	INTEGER	The distribution of A-DCH resource utilization, as percentages of the configured A-DCH resources.	NodeB_DLBasebandPool.pmUsedADch_3	Sum	
pmUsedADch_4	ACCUMULATION	INTEGER	The distribution of A-DCH resource utilization, as percentages of the configured A-DCH resources.	NodeB_DLBasebandPool.pmUsedADch_4	Sum	
pmUsedADch	ACCUMULATION	INTEGER	The	NodeB_DLBasebandPool	Sum	

_5	TION	ER	distribution of A-DCH resource utilization, as percentages of the configured A-DCH resources.	l.pmUsedADch_5		
pmUsedADch_6	ACCUMULATION	INTEGER	The distribution of A-DCH resource utilization, as percentages of the configured A-DCH resources.	NodeB_DLBasebandPool.pmUsedADch_6	Sum	
pmUsedADch_7	ACCUMULATION	INTEGER	The distribution of A-DCH resource utilization, as percentages of the configured A-DCH resources.	NodeB_DLBasebandPool.pmUsedADch_7	Sum	
pmUsedADch_8	ACCUMULATION	INTEGER	The distribution of A-DCH resource utilization, as percentages	NodeB_DLBasebandPool.pmUsedADch_8	Sum	

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			of the configured A-DCH resources.			
pmUsedADch_9	ACCUMULATION	INTEGER	The distribution of A-DCH resource utilization, as percentages of the configured A-DCH resources.	NodeB_DLBasebandPool.pmUsedADch_9	Sum	

7.17 E1_Phys_Path_Term Performance Indicators

This section shows the key performance indicators and other counters for the E1_Phys_Path_Term object, divided into the following sub-sections:

- [E1_Phys_Path_Term.Ericsson.UMTS.Physical_Link](#)

7.17.1 E1_Phys_Path_Term.Ericsson.UMTS.Physical_Link

UTRAN Physical link connection.

KPI	Type	Data Type	Description	Derivation	Default Aggregator	Other Aggregators
pmEs	ACCUMULATION	INT8	Performance Monitoring counter for ES, Error Seconds.	RNC_E1_T1_J1_PHYSICAL_LINK.p mEs or NODEB_E1_T1_J1_PHYSICAL_LINK.p K.pmEs or RXI_E1_T1_J1_PHYSICAL_LINK.p mEs	Sum	erttbh, Sum
pmSes	ACCUMULATION	INT8	Performance Monitoring counter for Severely Error Seconds (SES).	RNC_E1_T1_J1_PHYSICAL_LINK.p mSes or NODEB_E1_T1_J1_PHYSICAL_LINK	Sum	erttbh, Sum

				K.pmSes or RXI_E1_T1_J1_P HYSICAL_LINK.p mSes		
pmUas	ACCUMULA TION	INTEG ER	Transmission Unavailable Seconds (SES). The accumulated unavailable time in seconds during the interval. Unavailable time starts when 10 consecutive SES are detected (them being part of the unavailable time) and ends when 10 consecutive non-SES are detected. This counter is incremented for each second of unavailable time.	RNC_E1_T1_J1_P HYSICAL_LINK.p mUas or NODEB_E1_T1_J1 _PHYSICAL_LIN K.pmUas or RXI_E1_T1_J1_P HYSICAL_LINK.p mUas	Sum	erttbh, Sum

7.18 E1Ttp Performance Indicators

This section shows the key performance indicators and other counters for the E1Ttp object, divided into the following sub-sections:

- [E1Ttp.Ericsson.UMTS.Physical_Link](#)

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7.18.1 E1Ttp.Ericsson.UMTS.Physical_Link

E1 terminal termination point physical link statistics.

KPI	Type	Data Type	Description	Derivation	Default Aggregator	Other Aggregators
pmEs	ACCUMULATION	INT8	Number of errored seconds.	RNC_E1Ttp.pmEs or NODEB_E1Ttp.pmEs or RXI_E1Ttp.pmEs	Sum	erttbh, Sum
pmSes	ACCUMULATION	INT8	Number of severely errored seconds.	RNC_E1Ttp.pmSes or NODEB_E1Ttp.pmSes or RXI_E1Ttp.pmSes	Sum	erttbh, Sum
pmUas	ACCUMULATION	INTEGER	Transmission Unavailable Seconds (SES). The accumulated unavailable time in seconds during the interval. Unavailable time starts when 10 consecutive SES are detected (them being part of the unavailable time) and ends when 10 consecutive non-SES are detected. This counter is incremented for each second of unavailable time.	RNC_E1Ttp.pmUas or NODEB_E1Ttp.pmUas or RXI_E1Ttp.pmUas	Sum	erttbh, Sum

7.19 E3_Phys_Path_Term Performance Indicators

This section shows the key performance indicators and other counters for the E3_Phys_Path_Term object, divided into the following sub-sections:

- [E3_Phys_Path_Term.Ericsson.UMTS.Physical_Link](#)

7.19.1 E3_Phys_Path_Term.Ericsson.UMTS.Physical_Link

E3 Physical Path link statistics.

KPI	Type	Data Type	Description	Derivation	Default Aggregator	Other Aggregators
pmEsCpp	ACCUMULATION	INT8	This counter is incremented for each second where one or more blocks or equivalent with one or more errors are received. The counter is also incremented if one or several defects causing Alarm Indication Signal (AIS) insertion occur during the second. The counter is not incremented during unavailable time	RNC_E3_T3_PHYSICAL_LINK.pmEsCpp or NODEB_E3_T3_PHYSICAL_LINK.pmEsCpp or RXI_E3_T3_PHYSICAL_LINK.pmEsCpp	Sum	erttbh, Sum
pmEs	ACCUMULATION	INT8	Number of errored seconds.	RNC_E3_T3_PHYSICAL_LINK.pmEs or	Sum	erttbh, Sum

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				NODEB_E3_T3_PHYSICAL_LINK.pmEs or RXI_E3_T3_PHYSICAL_LINK.pmEs		
pmSesCpp	ACCUMULATION	INT8	This counter is incremented for each second with a severe bit error ratio or equivalent. The counter is also incremented if one or more defects causing Alarm Indication Signal (AIS) insertion occurs during the second. The counter is not incremented during unavailable time	RNC_E3_T3_PHYSICAL_LINK.pmSesCpp or NODEB_E3_T3_PHYSICAL_LINK.pmSesCpp or RXI_E3_T3_PHYSICAL_LINK.pmSesCpp	Sum	erttbh, Sum
pmSes	ACCUMULATION	INT8	Number of severely errored seconds.	RNC_E3_T3_PHYSICAL_LINK.pmSes or NODEB_E3_T3_PHYSICAL_LINK.pmSes or RXI_E3_T3_PHYSICAL_LINK.pmSes	Sum	erttbh, Sum
pmUas	ACCUMULATION	INTEGER	Transmission Unavailable Seconds (SES). The accumulated unavailable time in seconds during the interval. Unavailable	RNC_E3_T3_PHYSICAL_LINK.pmUas or NODEB_E3_T3_PHYSICAL_LINK.pmUas or RXI_E3_T3_PHYSICAL_LINK.pmUas	Sum	erttbh, Sum

			time starts when 10 consecutive SES are detected (them being part of the unavailable time) and ends when 10 consecutive non-SES are detected. This counter is incremented for each second of unavailable time.			
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7.20 Ethernet_Link Performance Indicators

This section shows the key performance indicators and other counters for the Ethernet_Link object, divided into the following sub-sections:

- [Ethernet_Link.Ericsson.UMTS.IP](#)

7.20.1 Ethernet_Link.Ericsson.UMTS.IP

UTRAN Ethernet or IP over ATM link.

KPI	Type	Data Type	Description	Derivation	Default Aggregator	Other Aggregators
pmNoOfIfInDiscards	ACCUMULATION	INT8	Performance monitoring counter for the number of input packets	RNC_Ethernet_Link.pmNoOfIfInDiscards or NODEB_Ethernet_Link.pmNoOfIfInDiscards or RXI_Ethernet_Link.pmNoOfIfInDiscards	Sum	Sum

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			discarded due to resource limitations.			
pmNoOfIfInErrors	ACCUMULATION	INT 8	Performance monitoring counter for the number of input packets discarded due to any error.	RNC_Ethernet_Link.pmNoOfIfInErrors or NODEB_Ethernet_Link.pmNoOfIfInErrors or RXI_Ethernet_Link.pmNoOfIfInErrors	Sum	Sum
pmNoOfIfInNUcastPkts	ACCUMULATION	INT 8	Performance monitoring counter for the number of input broadcast or multicast packets delivered to higher layer.	RNC_Ethernet_Link.pmNoOfIfInNUcastPkts or NODEB_Ethernet_Link.pmNoOfIfInNUcastPkts or RXI_Ethernet_Link.pmNoOfIfInNUcastPkts	Sum	Sum
pmNoOfIfInUcastPkts	ACCUMULATION	INT 8	Performance monitoring counter for the number of input unicast packets delivered to higher layer.	RNC_Ethernet_Link.pmNoOfIfInUcastPkts or NODEB_Ethernet_Link.pmNoOfIfInUcastPkts or RXI_Ethernet_Link.pmNoOfIfInUcastPkts	Sum	Sum
pmNoOfIfOutDiscards	ACCUMULATION	INT 8	Number of out Interface discards.	RNC_Ethernet_Link.pmNoOfIfOutDiscards or NODEB_Ethernet_Link.pmNoOfIfOutDiscards or	Sum	Sum

				RXI_Ethernet_Link.pmNoOfIfOutDiscards		
pmNoOfIfOutNUcastPkts	ACCUMULATION	INT8	Performance monitoring counter for the number of output broadcast/multicast packets delivered to higher layer.	RNC_Ethernet_Link.pmNoOfIfOutNUcastPkts or NODEB_Ethernet_Link.pmNoOfIfOutNUcastPkts or RXI_Ethernet_Link.pmNoOfIfOutNUcastPkts	Sum	Sum
pmNoOfIfOutUcastPkts	ACCUMULATION	INT8	Performance monitoring counter for the number of output unicast packets delivered to higher layer.	RNC_Ethernet_Link.pmNoOfIfOutUcastPkts or NODEB_Ethernet_Link.pmNoOfIfOutUcastPkts or RXI_Ethernet_Link.pmNoOfIfOutUcastPkts	Sum	Sum

7.21 EthernetSwitchModulePort Performance Indicators

This section shows the key performance indicators and other counters for the EthernetSwitchModulePort object, divided into the following sub-sections:

- [EthernetSwitchModulePort.Ericsson.UMTS.EthernetSwitchModulePort](#)

7.21.1 EthernetSwitchModulePort.Ericsson.UMTS.EthernetSwitchModulePort

EthernetSwitchModulePort data

KPI	Type	Data Type	Description	Derivation	Default	Other Aggreg
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					Aggregator	ators
pmIfInBroadcastPkts	ACCUMULATION	INTEGER	The number of good packets received with a broadcast address delivered to a higher sublayer.	ME_EthernetSwitchModulePort. pmIfInBroadcastPkts	Sum	Average
pmIfInDiscards	ACCUMULATION	INTEGER	The number of received good packets, discarded due to lack of resources (for example, buffer space).	ME_EthernetSwitchModulePort. pmIfInDiscards	Sum	Average
pmIfInErrors	ACCUMULATION	INTEGER	The number of received packets, discarded due to	ME_EthernetSwitchModulePort. pmIfInErrors	Sum	Average

			errors found in the packets .			
pmIfInMulticastPkts	ACCUMULATION	INTEGER	The number of received good packets, with a multicast address, that are delivered to a higher sublayer.	ME_EthernetSwitchModulePort. pmIfInMulticastPkts	Sum	Average
pmIfInOctetsHi	ACCUMULATION	INT8	The number of octets received by a port, including framing characters and bad packets, but excluding preamb	ME_EthernetSwitchModulePort. pmIfInOctetsHi	Sum	Average

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			le sequences.			
pmIfInOctetsLo	ACCUMULATION	INT8	The number of octets received by a port, including framing characters and bad packets, but excluding preamble sequences.	ME_EthernetSwitchModulePort. pmIfInOctetsLo	Sum	Average
pmIfInUcastPkts	ACCUMULATION	INTEGER	The number of good packets addressed to a unicast address, which are received and delivered to a higher sublayer.	ME_EthernetSwitchModulePort. pmIfInUcastPkts	Sum	Average
pmIfOutBroadcastPkts	ACCUMULATION	INTEGER	The number of good	ME_EthernetSwitchModulePort. pmIfOutBroadcastPkts	Sum	Average

			packets with a broadcast address, which are transmitted and delivered to a higher sublayer.		
pmIfOutDiscards	ACCUMULATION	INTEGER	The number of transmitted good packets, discarded due to lack of resources (for example, buffer space).	ME_EthernetSwitchModulePort. pmIfOutDiscards	Average
pmIfOutErrors	ACCUMULATION	INTEGER	The number of transmitted packets,	ME_EthernetSwitchModulePort. pmIfOutErrors	Average

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			discarded due to errors found in the packets .			
pmIfOutMulticastPkts	ACCUMULATION	INTEGER	The number of transmitted good packets , with a multicast address , that are delivered to a higher sub-layer.	ME_EthernetSwitchModulePort. pmIfOutMulticastPkts	Sum	Average
pmIfOutOctetsHi	ACCUMULATION	INT8	The number of octets transmitted by a port, including framing characters and bad packets , but excluding preamble	ME_EthernetSwitchModulePort. pmIfOutOctetsHi	Sum	Average

			sequen ces.			
pmIfOutOctets Lo	ACCUMUL ATION	INT8	The number of octets transmi tted by a port, includi ng framing charact ers and bad packets , but excludi ng preamb le sequen ces.	ME_EthernetSwitchModulePort. pmIfOutOctetsLo	Sum	Average
pmIfOutUcast Pkts	ACCUMUL ATION	INTE GER	The number of good packets address ed to a unicast address , which are transmi tted and deliver ed to a higher sublaye	ME_EthernetSwitchModulePort. pmIfOutUcastPkts	Sum	Average

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7.22 EthernetSwitchPort Performance Indicators

This section shows the key performance indicators and other counters for the EthernetSwitchPort object, divided into the following sub-sections:

- [EthernetSwitchPort.Ericsson.UMTS.SwitchPort_Statistics](#)

7.22.1 EthernetSwitchPort.Ericsson.UMTS.SwitchPort_Statistics

Ethernet Switch port statistics

KPI	Type	Data Type	Description	Derivation	Default Aggregator	Other Aggregators
pmIfInBroadcastPkts	ACCUMULATION	INTEGER	The number of broadcast packets, delivered by this sublayer to a higher (sub-)layer, that were addressed to a broadcast address at this sublayer. For additional info, refer to RFC 2863.	RNC_EthernetSwitchPort.pmIfInBroadcastPkts or NODEB_EthernetSwitchPort.pmIfInBroadcastPkts or RXI_EthernetSwitchPort.pmIfInBroadcastPkts	Sum	erttbh, Sum

pmIfInDiscards	ACCUMULATION	INTEGER	The number of inbound packets that were chosen to be discarded even though no errors had been detected that prevented them from being delivered to a higher-layer protocol. One possible reason for discarding such a packet could be to free up buffer space. For addition	RNC_EthernetSwitchPort.pmIfInDiscards or NODEB_EthernetSwitchPort.pmIfInDiscards or RXI_EthernetSwitchPort.pmIfInDiscards	Sum	erttbh, Sum
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			al info, refer to RFC 2863.		
pmIfInErrors	ACCUMULATION	INTEGER	Number of input packets discarded due to any error. For additional info, refer to RFC 2863.	RNC_EthernetSwitchPort.pmIfInErrors or NODEB_EthernetSwitchPort.pmIfInErrors or RXI_EthernetSwitchPort.pmIfInErrors	Sum erttbh, Sum
pmIfInMulticastPkts	ACCUMULATION	INTEGER	The number of multicast packets, delivered by this sublayer to a higher (sub-)layer, that were addressed to a multicast address at this sublayer. For a MAC layer protocol, this includes	RNC_EthernetSwitchPort.pmIfInMulticastPkts or NODEB_EthernetSwitchPort.pmIfInMulticastPkts or RXI_EthernetSwitchPort.pmIfInMulticastPkts	Sum erttbh, Sum

			both Group and Functional addresses. For additional info, refer to RFC 2863.		
pmIfInOctets	ACCUMULATION	INT8	(Obsolete in P7.1) The total number of octets received on the interface, including framing characters.	RNC_EthernetSwitchPort.pmIfInOctets or NODEB_EthernetSwitchPort.pmIfInOctets or RXI_EthernetSwitchPort.pmIfInOctets	Sum erttbh, Sum
pmIfInUcastPkts	ACCUMULATION	INTEGER	The number of unicast packets, delivered by this sublayer to a higher	RNC_EthernetSwitchPort.pmIfInUcastPkts or NODEB_EthernetSwitchPort.pmIfInUcastPkts or RXI_EthernetSwitchPort.pmIfInUcastPkts	Sum erttbh, Sum

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			(sub-)layer, that were not addressed to a multicast or broadcast address at this sublayer. For additional info, refer to RFC 2863.		
pmIfOutBroadcastPkts	ACCUMULATION	INTEGER	The total number of broadcast packets that higher-level protocols requested to be transmitted, and which were addressed to a broadcast address at this sublayer	RNC_EthernetSwitchPort.pmIfOutBroadcastPkts or NODEB_EthernetSwitchPort.pmIfOutBroadcastPkts or RXI_EthernetSwitchPort.pmIfOutBroadcastPkts	Sum erttbh, Sum

			including those that were discarded or not sent. For additional info, refer to RFC 2863.			
pmIfOutDiscards	ACCUMULATION	INTEGER	The number of packets requested to be transmitted, but which were discarded due to lack of resources (for example, buffer space). For additional info, refer to RFC 2863.	RNC_EthernetSwitchPort.pmIfOutDiscards or NODEB_EthernetSwitchPort.pmIfOutDiscards or RXI_EthernetSwitchPort.pmIfOutDiscards	Sum	erttbh, Sum
pmIfOutErrors	ACCUMULATION	INTEGER	The number of	RNC_EthernetSwitchPort.pmIfOutErrors or NODEB_EthernetSwitchPort.	Sum	erttbh, Sum

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			<p>packets requested to be transmitted, but which were discarded due to errors found in the packets. For additional info, refer to RFC 2863.</p>	<p>pmIfOutErrors or RXI_EthernetSwitchPort.pmfOutErrors</p>		
pmIfOutMulticastPkts	ACCUMULATION	INTEGER	<p>The total number of multicast packets that higher-level protocols requested to be transmitted, and which were addressed to a multicast address at this sublayer</p>	<p>RNC_EthernetSwitchPort.pmfIfOutMulticastPkts or NODEB_EthernetSwitchPort.pmfIfOutMulticastPkts or RXI_EthernetSwitchPort.pmfIfOutMulticastPkts</p>	Sum	erttbh, Sum

			including those that were discarded or not sent. For additional info, refer to RFC 2863.			
pmIfOutOctets	ACCUMULATION	INT8	(Obsolete in P7.1) The total number of octets transmitted out on the interface, including framing characters.	RNC_EthernetSwitchPort.pmIfOutOctets or NODEB_EthernetSwitchPort.pmIfOutOctets or RXI_EthernetSwitchPort.pmIfOutOctets	Sum	erttbh, Sum
pmIfOutUcastPkts	ACCUMULATION	INTEGER	The total number of unicast packets that higher-level	RNC_EthernetSwitchPort.pmIfOutUcastPkts or NODEB_EthernetSwitchPort.pmIfOutUcastPkts or RXI_EthernetSwitchPort.pmIfOutUcastPkts	Sum	erttbh, Sum

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			<p>protocols requested to be transmitted, and which were not addressed to a multicast or broadcast address at this sublayer, including those that were discarded or not sent. For additional info, refer to RFC 2863.</p>		
Tot_pmIfInOut Octets	ACCUMULATION	INT8	<p>(Obsolete in P7.1) The total number of octets transmitted out and received on the</p>	$\{\text{pmIfOutOctets}\} + \{\text{pmIfInOctets}\}$	Sum erttbh, Sum

			interfac e, includin g framing characte rs.		
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7.23 Fast_Ethernet Performance Indicators

This section shows the key performance indicators and other counters for the Fast_Ethernet object, divided into the following sub-sections:

- [Fast_Ethernet.Ericsson.UMTS.FE_If_Traffic](#)

7.23.1 Fast_Ethernet.Ericsson.UMTS.FE_If_Traffic

Fast Ethernet interface statistics.

KPI	Type	Data Type	Description	Derivation	Default Aggregator	Other Aggregators
pmIfInBroadcastPkts	ACCUMULATION	INT8	The number of broadcast packets, delivered by this sublayer to a higher (sub-)layer, that were addressed to a broadcast address at this sublayer. For additional info, refer to RFC 2863	ME_RNC_Eqpt_FastEthernet.pmIfInBroadcastPkts	Sum	Sum

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pmIfInDiscards	ACCUMULATION	INT8	The number of inbound packets that were chosen to be discarded even though no errors had been detected that prevented them from being delivered to a higher-layer protocol. One possible reason for discarding such a packet could be to free up buffer space. For additional info, refer to RFC 2863.	ME_RNC_Eqpt_FastEthernet.pmIfInDiscards	Sum	Sum
pmIfInErrors	ACCUMULATION	INT8	Number of input packets discarded due to any error. For additional info, refer to RFC 2863.	ME_RNC_Eqpt_FastEthernet.pmIfInErrors	Sum	Sum
pmIfInMulticastPkts	ACCUMULATION	INT8	The number of multicast packets, delivered by this sublayer to a higher (sub-)layer, that were addressed to	ME_RNC_Eqpt_FastEthernet.pmIfInMulticastPkts	Sum	Sum

			<p>a multicast address at this sublayer. For a MAC layer protocol, this includes both Group and Functional addresses. For additional info, refer to RFC 2863.</p>			
pmIfInOctetsHi	ACCUMULATION	INT8	<p>The total number of octets transmitted out from the interface, including framing characters. Note! The high-capacity counter for octets transmitted out on an interface has been split into two parts. This counter represents the higher part of the 62 least significant</p>	ME_RNC_Eqpt_FastEthernet.Tot_pmIfInOctets	Sum	Sum

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			<p>bits of the high capacity counter for octets transmitted out on the interface. The two most significant bits of this 64-bit counter are discarded. This 64-bit counter is presented as 2*31 bits: pmIfInOctets Hi (bit 62-31) and pmIfInOctets Lo (bit 30-0) in the MOM. For additional info, refer to RFC 2863.</p>			
pmIfInOctetsLo	ACCUMULATION	INT8	<p>The total number of octets transmitted out on the interface, including framing characters. Note! The high-capacity counter for octets transmitted out on an interface has</p>	ME_RNC_Eqpt_FastEthernet."0"	Sum	Sum

			<p>been split into two parts. This counter represents the lower part of the 62 least-significant bits of the high capacity counter for octets transmitted out on the interface. The two most significant bits of this 64-bit counter are discarded. This 64-bit counter is presented as 2*31 bits: pmIfInOctets Hi (bit 62-31) and pmIfInOctets Lo (bit 30-0) in the MOM. For additional info, refer to RFC 2863.</p>			
pmIfInUcastPkts	ACCUMULATION	INT8	The number of unicast packets,	ME_RNC_Eqpt_FastEthernet.pmIfInUcastPkts	Sum	Sum

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			delivered by this sublayer to a higher (sub-)layer, that were not addressed to a multicast or broadcast address at this sublayer. For additional info, refer to RFC 2863.			
pmIfInUnknown Protos	ACCUMULATION	INT8	The number of packets received that had a protocol not supported or unknown For additional info, refer to RFC 2863.	ME_RNC_Eqpt_FastEthernet.pmIfInUnknownProtos	Sum	Sum
pmIfOutBroadcastPkts	ACCUMULATION	INT8	The total number of broadcast packets that higher-level protocols requested to be transmitted, and which were addressed to a broadcast address at this sublayer, including those that were discarded or not sent. For additional	ME_RNC_Eqpt_FastEthernet.pmIfOutBroadcastPkts	Sum	Sum

			info, refer to RFC 2863.			
pmIfOutDiscards	ACCUMULATION	INT8	The number of packets requested to be transmitted, but which were discarded due to lack of resources (for example, buffer space). For additional info, refer to RFC 2863.	ME_RNC_Eqpt_FastEthernet.pmIfOutDiscards	Sum	Sum
pmIfOutErrors	ACCUMULATION	INT8	The number of packets requested to be transmitted, but which were discarded due to errors found in the packets. For additional info, refer to RFC 2863.	ME_RNC_Eqpt_FastEthernet.pmIfOutErrors	Sum	Sum
pmIfOutMulticastPkts	ACCUMULATION	INT8	The total number of multicast packets that higher-level protocols	ME_RNC_Eqpt_FastEthernet.pmIfOutMulticastPkts	Sum	Sum

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			requested to be transmitted, and which were addressed to a multicast address at this sublayer, including those that were discarded or not sent. For additional info, refer to RFC 2863.			
pmIfOutOctetsHi	ACCUMULATION	INT8	The total number of octets transmitted out on the interface, including framing characters. Note! The high-capacity counter for octets transmitted out on an interface has been split into two parts. This counter represents the higher part of the 62 least-significant bits of the high-	ME_RNC_Eqpt_FastEthernet.Tot_pmIfOutOctets	Sum	Sum

			<p>capacity counter for octets transmitted out on the interface. The two most-significant bits of this 64-bit counter are discarded. This 64-bit counter is presented as 2*31 bits: pmIfOutOctetsHi (bit 62-31) and pmIfOutOctetsLo (bit 30-0) in the MOM. For additional info, refer to RFC 2863.</p>			
pmIfOutOctetsLo	ACCUMULATION	INT8	<p>The total number of octets transmitted out on the interface, including framing characters. Note! The high-capacity counter for</p>	ME_RNC_Eqpt_FastEthernet."0"	Sum	Sum

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			<p>octets transmitted out on an interface has been split into two parts. This counter represents the lower part of the 62 least-significant bits of the high-capacity counter for octets transmitted out on the interface. The two most-significant bits of this 64-bit counter are discarded. This 64-bit counter is presented as 2*31 bits: pmIfOutOctetsHi (bit 62-31) and pmIfOutOctetsLo (bit 30-0) in the MOM. For additional info, refer to RFC 2863.</p>			
pmIfOutUcastPkts	ACCUMULATION	INT8	The total number of unicast	ME_RNC_Eqpt_FastEthernet.pmIfOutUcastPkts	Sum	Sum

			packets that higher-level protocols requested to be transmitted, and which were not addressed to a multicast or broadcast address at this sublayer, including those that were discarded or not sent. For additional info, refer to RFC 2863.			
Tot_pmIfInOctets	ACCUMULATION	INT8	The total number of octets transmitted out on the interface, including framing characters	{pmIfInOctetsHi} + {pmIfInOctetsLo}	Sum	Sum
Tot_pmIfOutOctets	ACCUMULATION	INT8	The total number of octets transmitted out on the interface, including framing characters.	{pmIfOutOctetsHi} + {pmIfOutOctetsLo}	Sum	Sum

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7.24 GigabitEthernet Performance Indicators

This section shows the key performance indicators and other counters for the GigabitEthernet object, divided into the following sub-sections:

- [GigabitEthernet.Ericsson.UMTS.GB_If_Traffic](#)

7.24.1 GigabitEthernet.Ericsson.UMTS.GB_If_Traffic

Gigabit ethernet interface statistics.

KPI	Type	Data Type	Description	Derivation	Default Aggregator	Other Aggregators
pmDot1qTpVlanPortInDiscardsLink1	ACCUMULATION	INTEGER	The number of valid frames discarded due to VLAN reasons (e.g. VLAN id not configured). See RFC 2674. This counter is stepped for packets with a vLan ID that is wrong or unrecognizable.	ME_RNC_Eqpt_GigaBitEthernet.pmDot1qTpVlanPortInDiscardsLink1	Sum	Sum
pmDot1qTpVlanPortInDiscardsLink2	ACCUMULATION	INTEGER	The number of valid frames discarded due to VLAN reasons (e.g. VLAN id not configured).	ME_RNC_Eqpt_GigaBitEthernet.pmDot1qTpVlanPortInDiscardsLink2	Sum	Sum

			See RFC 2674. This counter is stepped for packets with a vLan ID that is wrong or unrecognizable.			
pmIfInBroadcastPktsLink1	ACCUMULATION	INT8	The number of packets received with a broadcast address delivered to a higher sub-layer. See RFC 2863.	ME_RNC_Eqpt_GigaBitEthernet.pmIfInBroadcastPktsLink1	Sum	Sum
pmIfInBroadcastPktsLink2	ACCUMULATION	INT8	The number of packets received with a broadcast address delivered to a higher sub-layer. See RFC 2863.	ME_RNC_Eqpt_GigaBitEthernet.pmIfInBroadcastPktsLink2	Sum	Sum
pmIfInDiscardsLink1	ACCUMULATION	INT8	The number of received packets discarded due to lack of resources (e.g. buffer	ME_RNC_Eqpt_GigaBitEthernet.pmIfInDiscardsLink1	Sum	Sum

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			space). See RFC 2863.		
pmIfInDiscardsLink2	ACCUMULATION	INT8	The number of received packets discarded due to lack of resources (e.g. buffer space). See RFC 2863.	ME_RNC_Eqpt_GigaBitEthernet.pmIfInDiscardsLink2	Sum Sum
pmIfInErrorsLink1	ACCUMULATION	INT8	The number of packets received which were discarded due to errors found in the packets. See RFC 2863.	ME_RNC_Eqpt_GigaBitEthernet.pmIfInErrorsLink1	Sum Sum
pmIfInErrorsLink2	ACCUMULATION	INT8	The number of packets received which were discarded due to errors found in the packets. See RFC 2863.	ME_RNC_Eqpt_GigaBitEthernet.pmIfInErrorsLink2	Sum Sum
pmIfInMulticastPktsLink1	ACCUMULATION	INT8	The number of packets received with a multicast address delivered to a higher sub-layer. See RFC 2863.	ME_RNC_Eqpt_GigaBitEthernet.pmIfInMulticastPktsLink1	Sum Sum
pmIfInMulticastPktsLink2	ACCUMULATION	INT8	The number of packets received	ME_RNC_Eqpt_GigaBitEthernet.pmIfInMulticastPktsLink2	Sum Sum

			with a multicast address delivered to a higher sub-layer. See RFC 2863.			
pmIfInOctetsLink1Hi	ACCUMULATION	INTEGER	The total number of octets received on the interface, including framing characters. Note! The high capacity counter for received octets on an interface has been split into two parts. This counter represents the higher part of the 62 least significant bits of the high capacity counter for received octets. The two most	ME_RNC_Eqpt_GigaBitEthernet.pmIfInOctetsLink1Hi	Sum	Sum

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			<p>significant bit of this 64 bit counter is discarded. This 64-bit counter is presented as 2*31 bits: pmIfInOctetsLinkxHi (bit 62-31) and pmIfInOctetsLinkxLo (bit 30-0) in the MOM. For additional info refer to RFC 2863.</p>			
pmIfInOctetsLink1Lo	ACCUMULATION	INTEGER	<p>The total number of octets received on the interface, including framing characters. Note! The high capacity counter for received octets on an interface has been split into two parts. This counter represents the higher part of the 62 least significant</p>	ME_RNC_Eqpt_GigaBitEthernet.pmIfInOctetsLink1Lo	Sum	Sum

			bits of the high capacity counter for received octets. The two most significant bit of this 64 bit counter is discarded. This 64-bit counter is presented as 2*31 bits: pmIfInOctetsLinkxHi (bit 62-31) and pmIfInOctetsLinkxLo (bit 30-0) in the MOM. For additional info refer to RFC 2863.			
pmIfInOctetsLink2Hi	ACCUMULATION	INTEGER	The total number of octets received on the interface, including framing characters. Note! The high capacity counter for	ME_RNC_Eqpt_GigaBitEthernet.pmIfInOctetsLink2Hi	Sum	Sum

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			<p>received octets on an interface has been split into two parts. This counter represents the higher part of the 62 least significant bits of the high capacity counter for received octets. The two most significant bit of this 64 bit counter is discarded. This 64-bit counter is presented as 2*31 bits: pmIfInOctetsLinkxHi (bit 62-31) and pmIfInOctetsLinkxLo (bit 30-0) in the MOM. For additional info refer to RFC 2863.</p>			
pmIfInOctetsLink2Lo	ACCUMULATION	INTEGER	The total number of octets received on the interface,	ME_RNC_Eqpt_GigaBitEthernet.pmIfInOctetsLink2Lo	Sum	Sum

		<p>including framing characters. Note! The high capacity counter for received octets on an interface has been split into two parts. This counter represents the higher part of the 62 least significant bits of the high capacity counter for received octets. The two most significant bit of this 64 bit counter is discarded. This 64-bit counter is presented as 2*31 bits: pmIfInOctet sLinkxHi (bit 62-31) and pmIfInOctet sLinkxLo (bit 30-0) in</p>		
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			the MOM. For additional info refer to RFC 2863.		
pmIfInUcastPktsLink1	ACCUMULATION	INT8	The number of packets received which was not addressed to a broadcast or broadcast address delivered to a higher sub-layer. For additional info refer to RFC 2863.	ME_RNC_Eqpt_GigaBitEthernet.pmIfInUcastPktsLink1	Sum Sum
pmIfInUcastPktsLink2	ACCUMULATION	INT8	The number of packets received which was not addressed to a broadcast or broadcast address delivered to a higher sub-layer. For additional info refer to RFC 2863.	ME_RNC_Eqpt_GigaBitEthernet.pmIfInUcastPktsLink2	Sum Sum
pmIfInUnknownProtosLink1	ACCUMULATION	INT8	The number of packets received which had a protocol not supported or unknown.	ME_RNC_Eqpt_GigaBitEthernet.pmIfInUnknownProtosLink1	Sum Sum

			See RFC 2863.			
pmIfInUnknownProtosLink2	ACCUMULATION	INT8	The number of packets received which had a protocol not supported or unknown. See RFC 2863.	ME_RNC_Eqpt_GigaBitEthernet.pmIfInUnknownProtosLink2	Sum	Sum
pmIfOutBroadcastPktsLink1	ACCUMULATION	INT8	The number of packets requested to be transmitted with a broadcast address delivered to a higher sub-layer. See RFC 2863.	ME_RNC_Eqpt_GigaBitEthernet.pmIfOutBroadcastPktsLink1	Sum	Sum
pmIfOutBroadcastPktsLink2	ACCUMULATION	INT8	The number of packets requested to be transmitted with a broadcast address delivered to a higher sub-layer. See RFC 2863.	ME_RNC_Eqpt_GigaBitEthernet.pmIfOutBroadcastPktsLink2	Sum	Sum
pmIfOutDiscardsLin	ACCUMULATION	INT8	The number	ME_RNC_Eqpt_GigaBitEthe	Sum	Sum

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k1	LATION		of packets requested to be transmitted discarded due to lack of resources (e.g. buffer space). See RFC 2863.	rnet.pmIfOutDiscardsLink1		
pmIfOutDiscardsLink2	ACCUMULATION	INT8	The number of packets requested to be transmitted discarded due to lack of resources (e.g. buffer space). See RFC 2863.	ME_RNC_Eqpt_GigaBitEthernet.pmIfOutDiscardsLink2	Sum	Sum
pmIfOutErrorsLink1	ACCUMULATION	INT8	The number of packets requested to be transmitted discarded due to errors found in the packets. See RFC 2863.	ME_RNC_Eqpt_GigaBitEthernet.pmIfOutErrorsLink1	Sum	Sum
pmIfOutErrorsLink2	ACCUMULATION	INT8	The number of packets requested to be transmitted discarded due to errors found in the packets. See RFC 2863.	ME_RNC_Eqpt_GigaBitEthernet.pmIfOutErrorsLink2	Sum	Sum
pmIfOutMulticastPktsLink1	ACCUMULATION	INT8	The number of packets	ME_RNC_Eqpt_GigaBitEthernet.pmIfOutMulticastPktsLin	Sum	Sum

			requested to be transmitted with a multicast address delivered to a higher sub-layer. See RFC 2863.	k1		
pmIfOutMulticastPktsLink2	ACCUMULATION	INT8	The number of packets requested to be transmitted with a multicast address delivered to a higher sub-layer. See RFC 2863.	ME_RNC_Eqpt_GigaBitEthernet.pmIfOutMulticastPktsLink2	Sum	Sum
pmIfOutOctetsLink1Hi	ACCUMULATION	INTEGER	The total number of octets transmitted out of the interface, including framing characters. Note! The high capacity counter for octets transmitted out on an	ME_RNC_Eqpt_GigaBitEthernet.pmIfOutOctetsLink1Hi	Sum	Sum

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			<p>interface has been split into two parts. This counter represents the higher part of the 62 least significant bits of the high capacity counter for octets transmitted out on the interface. The two most significant bit of this 64 bit counter is discarded. This 64-bit counter is presented as 2*31 bits: pmIfOutOctetsLinkxHi (bit 62-31) and pmIfOutOctetsLinkxLo (bit 30-0) in the MOM. For additional info refer to RFC 2863.</p>			
pmIfOutOctetsLink1Lo	ACCUMULATION	INTEGER	The total number of octets transmitted out of the	ME_RNC_Eqpt_GigaBitEthernet.pmIfOutOctetsLink1Lo	Sum	Sum

		<p>interface, including framing characters. Note! The high capacity counter for octets transmitted out on an interface has been split into two parts. This counter represents the higher part of the 62 least significant bits of the high capacity counter for octets transmitted out on the interface. The two most significant bit of this 64 bit counter is discarded. This 64-bit counter is presented as 2*31 bits: pmIfOutOctetsLinkxHi</p>		
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			(bit 62-31) and pmIfOutOctetsLinkxLo (bit 30-0) in the MOM. For additional info refer to RFC 2863.			
pmIfOutOctetsLink2Hi	ACCUMULATION	INTEGER	The total number of octets transmitted out of the interface, including framing characters. Note! The high capacity counter for octets transmitted out on an interface has been split into two parts. This counter represents the higher part of the 62 least significant bits of the high capacity counter for octets transmitted out on the interface. The two	ME_RNC_Eqpt_GigaBitEthernet.pmIfOutOctetsLink2Hi	Sum	Sum

			<p>most significant bit of this 64 bit counter is discarded. This 64-bit counter is presented as 2*31 bits: pmIfOutOctetsLinkxHi (bit 62-31) and pmIfOutOctetsLinkxLo (bit 30-0) in the MOM. For additional info refer to RFC 2863.</p>			
pmIfOutOctetsLink2Lo	ACCUMULATION	INTEGER	<p>The total number of octets transmitted out of the interface, including framing characters. Note! The high capacity counter for octets transmitted out on an interface has been split into two</p>	ME_RNC_Eqpt_GigaBitEthernet.pmIfOutOctetsLink2Lo	Sum	Sum

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			<p>parts. This counter represents the higher part of the 62 least significant bits of the high capacity counter for octets transmitted out on the interface. The two most significant bit of this 64 bit counter is discarded. This 64-bit counter is presented as 2*31 bits: pmIfOutOctetsLinkxHi (bit 62-31) and pmIfOutOctetsLinkxLo (bit 30-0) in the MOM. For additional info refer to RFC 2863.</p>			
pmIfOutUcastPktsLink1	ACCUMULATION	INT8	The number of packets requested to be transmitted which was not addressed to	ME_RNC_Eqpt_GigaBitEthernet.pmIfOutUcastPktsLink1	Sum	Sum

			a broadcast or broadcast address delivered to a higher sub-layer See RFC 2863.			
pmIfOutUcastPktsLink2	ACCUMULATION	INT8	The number of packets requested to be transmitted which was not addressed to a broadcast or broadcast address delivered to a higher sub-layer See RFC 2863.	ME_RNC_Eqpt_GigaBitEthernet.pmIfOutUcastPktsLink2	Sum	Sum
Tot_pmIfInOctetsLink1	ACCUMULATION	INT8	The total number of octets received on the interface, including framing characters.	$(2147483648 * \{pmIfInOctetsLink1Hi\}) + \{pmIfInOctetsLink1Lo\}$	Sum	Sum
Tot_pmIfInOctetsLink2	ACCUMULATION	INT8	The total number of octets received on the interface,	$(2147483648 * \{pmIfInOctetsLink2Hi\}) + \{pmIfInOctetsLink2Lo\}$	Sum	Sum

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			including framing characters.			
Tot_pmIfOutOctets Link1	ACCUMULATION	INT8	The total number of octets transmitted out of the interface, including framing characters.	$(2147483648 * \{pmIfOutOctetsLink1Hi\}) + \{pmIfOutOctetsLink1Lo\}$	Sum	Sum
Tot_pmIfOutOctets Link2	ACCUMULATION	INT8	The total number of octets transmitted out of the interface, including framing characters.	$(2147483648 * \{pmIfOutOctetsLink2Hi\}) + \{pmIfOutOctetsLink2Lo\}$	Sum	Sum

7.25 IMA_Group Performance Indicators

This section shows the key performance indicators and other counters for the IMA_Group object, divided into the following sub-sections:

- [IMA_Group.Ericsson.UMTS.IMA_Group_Grp](#)

7.25.1 IMA_Group.Ericsson.UMTS.IMA_Group_Grp

Inverse Multiplexing over ATM (IMA) Group logical link statistics.

KPI	Type	Data Type	Description	Derivation	Default Aggregator	Other Aggregators
pmGrFcFe	ACCUMULATION	INT8	Number of group failures far end.	RNC_IMA_GROUP.pmGrFcFe or NODEB_IMA_GROUP.pmGrFcFe or RXI_IMA_GROUP.pmGrFcFe	Sum	erttbh, Sum
pmGrFc	ACCUMULATION	INT8	Number of	RNC_IMA_GROUP.	Sum	erttbh,

	TION		group failures.	pmGrFc or NODEB_IMA_GRO UP.pmGrFc or RXI_IMA_GROUP.p mGrFc		Sum
pmGrUasIma	ACCUMULA TION	INT8	Number of group unavailable seconds.	RNC_IMA_GROUP. pmGrUasIma or NODEB_IMA_GRO UP.pmGrUasIma or RXI_IMA_GROUP.p mGrUasIma	Sum	erttbh, Sum

7.26 IMA_Link Performance Indicators

This section shows the key performance indicators and other counters for the IMA_Link object, divided into the following sub-sections:

- [IMA_Link.Ericsson.UMTS.IMA](#)

7.26.1 IMA_Link.Ericsson.UMTS.IMA

IMA logical link statistics.

KPI	Type	Data Type	Description	Derivation	Default Aggregator	Other Aggregators
pmIvIma	ACCUMULA TION	INT8	Number of ICP violations.	RNC_IMA_LINK.p mIvIma or NODEB_IMA_LINK .pmIvIma or RXI_IMA_LINK.pm IvIma	Sum	erttbh, Sum
pmOifIma	ACCUMULA TION	INT8	Number of out of IMA frame anomalies.	RNC_IMA_LINK.p mOifIma or NODEB_IMA_LINK .pmOifIma or RXI_IMA_LINK.pm OifIma	Sum	erttbh, Sum

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pmRxFcFe	ACCUMULATION	INT8	Number of Rx failures far end.	RNC_IMA_LINK.p mRxFcFe or NODEB_IMA_LINK .pmRxFcFe or RXI_IMA_LINK.pm RxFcFe	Sum	erttbh, Sum
pmRxFc	ACCUMULATION	INT8	Number of Rx failures.	RNC_IMA_LINK.p mRxFc or NODEB_IMA_LINK .pmRxFc or RXI_IMA_LINK.pm RxFc	Sum	erttbh, Sum
pmRxStuffIma	ACCUMULATION	INT8	Number of Rx stuff events.	RNC_IMA_LINK.p mRxStuffIma or NODEB_IMA_LINK .pmRxStuffIma or RXI_IMA_LINK.pm RxStuffIma	Sum	erttbh, Sum
pmRxUusImaFe	ACCUMULATION	INT8	Number of Rx unusable seconds far end.	RNC_IMA_LINK.p mRxUusImaFe or NODEB_IMA_LINK .pmRxUusImaFe or RXI_IMA_LINK.pm RxUusImaFe	Sum	erttbh, Sum
pmRxUusIma	ACCUMULATION	INT8	Number of Rx unusable seconds.	RNC_IMA_LINK.p mRxUusIma or NODEB_IMA_LINK .pmRxUusIma or RXI_IMA_LINK.pm RxUusIma	Sum	erttbh, Sum
pmSesImaFe	ACCUMULATION	INT8	Number of severely errored seconds far end.	RNC_IMA_LINK.p mSesImaFe or NODEB_IMA_LINK .pmSesImaFe or RXI_IMA_LINK.pm SesImaFe	Sum	erttbh, Sum
pmSesIma	ACCUMULATION	INT8	Number of severely errored seconds.	RNC_IMA_LINK.p mSesIma or NODEB_IMA_LINK .pmSesIma or RXI_IMA_LINK.pm SesIma	Sum	erttbh, Sum

pmTxFcFe	ACCUMULATION	INT8	Number of Tx failures far end.	RNC_IMA_LINK.p mTxFcFe or NODEB_IMA_LINK .pmTxFcFe or RXI_IMA_LINK.pm TxFcFe	Sum	erttbh, Sum
pmTxFc	ACCUMULATION	INT8	Number of Tx failures.	RNC_IMA_LINK.p mTxFc or NODEB_IMA_LINK .pmTxFc or RXI_IMA_LINK.pm TxFc	Sum	erttbh, Sum
pmTxStuffIma	ACCUMULATION	INT8	Number of Tx stuff events.	RNC_IMA_LINK.p mTxStuffIma or NODEB_IMA_LINK .pmTxStuffIma or RXI_IMA_LINK.pm TxStuffIma	Sum	erttbh, Sum
pmTxUusImaFe	ACCUMULATION	INT8	Number of Tx unusable seconds far end.	RNC_IMA_LINK.p mTxUusImaFe or NODEB_IMA_LINK .pmTxUusImaFe or RXI_IMA_LINK.pm TxUusImaFe	Sum	erttbh, Sum
pmTxUusIma	ACCUMULATION	INT8	Number of Tx unusable seconds.	RNC_IMA_LINK.p mTxUusIma or NODEB_IMA_LINK .pmTxUusIma or RXI_IMA_LINK.pm TxUusIma	Sum	erttbh, Sum
pmUasImaFe	ACCUMULATION	INT8	Number of unavailable seconds far end.	RNC_IMA_LINK.p mUasImaFe or NODEB_IMA_LINK .pmUasImaFe or RXI_IMA_LINK.pm UasImaFe	Sum	erttbh, Sum
pmUasIma	ACCUMULATION	INT8	Number of	RNC_IMA_LINK.p	Sum	erttbh,

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	TION		unavailable seconds.	mUasIma or NODEB_IMA_LINK .pmUasIma or RXI_IMA_LINK.p mUasIma		Sum
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7.27 InternalEthernetPort Performance Indicators

This section shows the key performance indicators and other counters for the InternalEthernetPort object, divided into the following sub-sections:

- [InternalEthernetPort.Ericsson.UMTS.InternalEthernetPort_Stat](#)

7.27.1 InternalEthernetPort.Ericsson.UMTS.InternalEthernetPort_Stat

Internal Ethernet Port statistics

KPI	Type	Data Type	Description	Derivation	Default Aggregator	Other Aggregators
pmDot1qTpVlanPortInDiscardsLink	ACCUMULATION	INTEGER	The number of valid frames discarded for VLAN reasons (for example, VLAN id not configured). The counter is relevant only if VLAN is configured on the Ip Interface MO. See	RNC_InternalEthernetPort.pmDot1qTpVlanPortInDiscardsLink or NODEB_InternalEthernetPort.p mDot1qTpVlanPortInDiscardsLink or RXI_InternalEthernetPort.p mDot1qTpVlanPortInDiscardsLink	Sum	erttbh, Sum

			RFC 2674.		
pmIfInBroadcastPkts	ACCUMULATION	INTEGER	The number of broadcast packets, delivered by this sublayer to a higher (sub-)layer, that were addressed to a broadcast address at this sublayer. For additional info, refer to RFC 2863.	RNC_InternalEthernetPort.pmIfInBroadcastPkts or NODEB_InternalEthernetPort.pmIfInBroadcastPkts or RXI_InternalEthernetPort.pmIfInBroadcastPkts	Sum erttbh, Sum
pmIfInDiscards	ACCUMULATION	INTEGER	The number of inbound packets that were chosen to be discarded even though no errors had been	RNC_InternalEthernetPort.pmIfInDiscards or NODEB_InternalEthernetPort.pmIfInDiscards or RXI_InternalEthernetPort.pmIfInDiscards	Sum erttbh, Sum

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			detected that prevented them from being delivered to a higher-layer protocol. One possible reason for discarding such a packet could be to free up buffer space. For additional info, refer to RFC 2863.		
pmIfInErrors	ACCUMULATION	INTEGER	Number of input packets discarded due to any error. For additional info, refer to RFC 2863.	RNC_InternalEthernetPort.pmIfInErrors or NODEB_InternalEthernetPort.pmIfInErrors or RXI_InternalEthernetPort.pmIfInErrors	Sum erttbh, Sum
pmIfInMulticastPkts	ACCUMULATION	INTEGER	The number of multicast packets,	RNC_InternalEthernetPort.pmIfInMulticastPkts or NODEB_InternalEthernetPort.pmIfInMulticastPkts or RXI_InternalEthernetPort.pmIfInMulticastPkts	Sum erttbh, Sum

			delivered by this sublayer to a higher (sub-)layer, that were addressed to a multicast address at this sublayer. For a MAC layer protocol, this includes both Group and Functional addresses. For additional info, refer to RFC 2863.	nMulticastPkts		
pmIfInOctetsHi	ACCUMULATION	INT8	The total number of octets received on the interface, including framing	RNC_InternalEthernetPort.pmIfInOctetsHi or NODEB_InternalEthernetPort.pmIfInOctetsHi or RXI_InternalEthernetPort.pmIfInOctetsHi	Sum	erttbh, Sum

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		<p>character s. Note: The high- capacity counter for octets received on an interface has been split into two parts. This counter represent s the higher part of the 62 least significa nt bits of the high capacity counter for octets received on the interface. The two most significa nt bits of this 64- bit counter are discarded . This 64- bit counter is presented as 2*31</p>		
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			bits: pmIfInOctetsHi (bit 62-31) and pmIfInOctets (bit 30-0). For additiona l info, refer to RFC 2863.		
pmIfInOctetsLo	ACCUMULATION	INT8	The total number of octets received on the interface, including framing characters. Note: The high-capacity counter for octets received on an interface has been split into two parts. This counter represent	RNC_InternalEthernetPort.pmIfInOctetsLo or NODEB_InternalEthernetPort.p mIfInOctetsLo or RXI_InternalEthernetPort.pmIfInOctetsLo	Sum erttbh, Sum

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		<p>s the lower part of the 62 least-significant bits of the high-capacity counter for octets received on the interface. The two most significant bits of this 64-bit counter are discarded. This 64-bit counter is presented as 2*31 bits: pmIfInOctetsHi (bit 62-31) and pmIfInOctetsLo (bit 30-0). For additional info, refer to RFC 2863.</p>		
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pmIfInOctets	ACCUMULATION	INT8	The total number of octets received on the interface, including framing characters.	$(\{pmIfInOctetsHi\} * 2147483648) + \{pmIfInOctetsLo\}$	Sum	Sum
pmIfInUcastPkts	ACCUMULATION	INTEGER	The number of unicast packets, delivered by this sublayer to a higher (sub-)layer, that were not addressed to a multicast or broadcast address at this sublayer. For additional info, refer to RFC 2863.	RNC_InternalEthernetPort.pmIfInUcastPkts or NODEB_InternalEthernetPort.pmIfInUcastPkts or RXI_InternalEthernetPort.pmIfInUcastPkts	Sum	erttbh, Sum
pmIfInUnknownProtos	ACCUMULATION	INTEGER	The number of	RNC_InternalEthernetPort.pmIfInUnknownProtos or NODEB_InternalEthernetPort.p	Sum	erttbh, Sum

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			packets received that had a protocol not supported or unknown. For additional info, refer to RFC 2863.	mIfInUnknownProtos or RXI_InternalEthernetPort.pmIfInUnknownProtos		
pmIfOutBroadcastPkts	ACCUMULATION	INTEGER	The total number of broadcast packets that higher-level protocols requested to be transmitted, and which were addressed to a broadcast address at this sublayer, including those that were discarded or not sent. For additional info, refer to RFC	RNC_InternalEthernetPort.pmIfOutBroadcastPkts or NODEB_InternalEthernetPort.pmIfOutBroadcastPkts or RXI_InternalEthernetPort.pmIfOutBroadcastPkts	Sum	erttbh, Sum

			2863.		
pmIfOutDiscards	ACCUMULATION	INTEGER	The number of packets requested to be transmitted, but which were discarded due to lack of resources (for example, buffer space). For additional info, refer to RFC 2863.	RNC_InternalEthernetPort.pmIfOutDiscards or NODEB_InternalEthernetPort.pmIfOutDiscards or RXI_InternalEthernetPort.pmIfOutDiscards	Sum erttbh, Sum
pmIfOutErrors	ACCUMULATION	INTEGER	The number of packets requested to be transmitted, but which were discarded due to errors found in the	RNC_InternalEthernetPort.pmIfOutErrors or NODEB_InternalEthernetPort.pmIfOutErrors or RXI_InternalEthernetPort.pmIfOutErrors	Sum erttbh, Sum

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			packets. For additional info, refer to RFC 2863.		
pmIfOutMulticastPkts	ACCUMULATION	INTEGER	The total number of multicast packets that higher-level protocols requested to be transmitted, and which were addressed to a multicast address at this sublayer, including those that were discarded or not sent. For additional info, refer to RFC 2863.	RNC_InternalEthernetPort.pmIfOutMulticastPkts or NODEB_InternalEthernetPort.pmIfOutMulticastPkts or RXI_InternalEthernetPort.pmIfOutMulticastPkts	Sum erttbh, Sum
pmIfOutOctetsHi	ACCUMULATION	INT8	The total number of octets transmitted out on the	RNC_InternalEthernetPort.pmIfOutOctetsHi or NODEB_InternalEthernetPort.pmIfOutOctetsHi or RXI_InternalEthernetPort.pmIfOutOctetsHi	Sum erttbh, Sum

		<p>interface, including framing characters. Note: The high-capacity counter for octets transmitted out on an interface has been split into two parts. This counter represents the higher part of the 62 least-significant bits of the high-capacity counter for octets transmitted out on the interface. The two most-significant bits of this 64-</p>			
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			<p>bit counter are discarded . This 64-bit counter is presented as 2*31 bits: pmIfOutOctetsHi (bit 62-31) and pmIfOutOctetsLo (bit 30-0). For additional info, refer to RFC 2863.</p>			
pmIfOutOctetsLo	ACCUMULATION	INT8	<p>The total number of octets transmitted out on the interface, including framing characters. Note: The high-capacity counter for octets transmitted out on an</p>	<p>RNC_InternalEthernetPort.pmIfOutOctetsLo or NODEB_InternalEthernetPort.pmIfOutOctetsLo or RXI_InternalEthernetPort.pmIfOutOctetsLo</p>	<p>Sum</p>	<p>erttbh, Sum</p>

		<p>interface has been split into two parts. This counter represents the lower part of the 62 least-significant bits of the high-capacity counter for octets transmitted out on the interface. The two most-significant bits of this 64-bit counter are discarded. This 64-bit counter is presented as 2*31 bits: pmIfOut OctetsHi</p>			
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			(bit 62-31) and pmIfOutOctetsLo (bit 30-0). For additional info, refer to RFC 2863.		
pmIfOutOctets	ACCUMULATION	INT8	The total number of octets transmitted out on the interface, including framing characters	$(\{\text{pmIfOutOctetsHi}\} * 2147483648) + \{\text{pmIfOutOctetsLo}\}$	Sum Sum
pmIfOutUcastPkts	ACCUMULATION	INTEGER	The total number of unicast packets that higher-level protocols requested to be transmitted, and which were not addressed to a multicast or broadcast address	RNC_InternalEthernetPort.pmIfOutUcastPkts or NODEB_InternalEthernetPort.pmIfOutUcastPkts or RXI_InternalEthernetPort.pmIfOutUcastPkts	Sum erttbh, Sum

			at this sublayer, including those that were discarded or not sent. For additional info, refer to RFC 2863.		
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7.28 InternalEthernetPort_IpIf Performance Indicators

This section shows the key performance indicators and other counters for the InternalEthernetPort_IpIf object, divided into the following sub-sections:

- [InternalEthernetPort_IpIf.Ericsson.UMTS.Ip_Interface](#)

7.28.1 InternalEthernetPort_IpIf.Ericsson.UMTS.Ip_Interface

IP Interface statistics

KPI	Type	Data Type	Description	Derivation	Default Aggregator	Other Aggregators
pmFramesExcTrafDsc	ACCUMULATION	INTEGER	(Obsolete in P7.1) The number of ethernet frames which has exceeded	NodeB_PInU_ExchTermIp_InternalEthPrt_IpIntf.pmFramesExcTrafDsc or RNC_PInU_ExchTermIp_InternalEthPrt_IpIntf.pmFramesExcTrafDsc or RXI_PInU_ExchTermIp_InternalEthPrt_IpIntf.pmFramesExcTrafDsc	Sum	erttbh, Sum

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			the traffic descriptor. Condition: An ethernet frame is received, which exceeds the traffic descriptor.			
pmNoOfFailedPingsDefaultRouter0	ACCUMULATION	INTEGER	The total number of failed pings towards the defaultRouter0 on the active link only. The counter value survives the link switch when applicable.	NodeB_PInU_ExchangeTermIp_InternalEthPrt_IpIntf.pmNoOfFailedPingsDefaultRouter0 or RNC_PInU_ExchangeTermIp_InternalEthPrt_IpIntf.pmNoOfFailedPingsDefaultRouter0 or RXI_PInU_ExchangeTermIp_InternalEthPrt_IpIntf.pmNoOfFailedPingsDefaultRouter0	Sum	erttbh, Sum
pmNoOfFailedPingsDefaultRouter1	ACCUMULATION	INTEGER	The total number of failed pings towards the defaultRouter1 on the	NodeB_PInU_ExchangeTermIp_InternalEthPrt_IpIntf.pmNoOfFailedPingsDefaultRouter1 or RNC_PInU_ExchangeTermIp_InternalEthPrt_IpIntf.pmNoOfFailedPingsDefaultRouter1 or RXI_PInU_ExchangeTermIp_I	Sum	erttbh, Sum

			active link only. The counter value survives the link switch when applicable.	nternalEthPrt_IpIntf.pmNoOfFailedPingsDefaultRouter1		
pmNoOfFailedPingsDefaultRouter2	ACCUMULATION	INTEGER	The total number of failed pings towards the defaultRouter2 on the active link only. The counter value survives the link switch when applicable.	NodeB_PInU_ExchTermIp_InternalEthPrt_IpIntf.pmNoOfFailedPingsDefaultRouter2 or RNC_PInU_ExchTermIp_InternalEthPrt_IpIntf.pmNoOfFailedPingsDefaultRouter2 or RXI_PInU_ExchTermIp_InternalEthPrt_IpIntf.pmNoOfFailedPingsDefaultRouter2	Sum	erttbh, Sum
pmOctetsExcTrafDsc	ACCUMULATION	INT8	(Obsolete in P7.1) The number of octets which	NodeB_PInU_ExchTermIp_InternalEthPrt_IpIntf.pmOctetsExcTrafDsc or RNC_PInU_ExchTermIp_InternalEthPrt_IpIntf.pmOctetsExcTrafDsc or RXI_PInU_ExchTermIp_I	Sum	erttbh, Sum

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			has exceeded the traffic descriptor.	InternalEthPrt_IpIntf.pmOctetsExcTrafDsc		
--	--	--	--------------------------------------	--	--	--

7.29 InternalLinkGroup Performance Indicators

This section shows the key performance indicators and other counters for the InternalLinkGroup object, divided into the following sub-sections:

- [InternalLinkGroup.Ericsson.UMTS.PDF_pmPeakBwLevel](#)

7.29.1 InternalLinkGroup.Ericsson.UMTS.PDF_pmPeakBwLevel

pmPeakBwLevel PDF counters

KPI	Type	Data Type	Description	Derivation	Default Aggregator	Other Aggregators
pmPeakBwLevel_0	ACCUMULATION	INTEGER	The counter shows the traffic load for each internal link group, consisting of a list of 8 numbers.	RNC_SwitchFabric_InternalLinkGroup.pmPeakBwLevel_0 or NodeB_SwitchFabric_InternalLinkGroup.pmPeakBwLevel_0 or RXI_SwitchFabric_InternalLinkGroup.pmPeakBwLevel_0	Sum	
pmPeakBwLevel_1	ACCUMULATION	INTEGER	The counter shows the traffic load for each internal link group, consisting of a list of 8 numbers.	RNC_SwitchFabric_InternalLinkGroup.pmPeakBwLevel_1 or NodeB_SwitchFabric_InternalLinkGroup.pmPeakBwLevel_1 or RXI_SwitchFabric_InternalLinkGroup.pmPeakBwLevel_1	Sum	
pmPeakBwLevel_2	ACCUMULATION	INTEGER	The counter shows the	RNC_SwitchFabric_InternalLinkGroup.pmPeakBwLevel_2 or	Sum	

			traffic load for each internal link group, consisting of a list of 8 numbers.	NodeB_SwitchFabric_InternalLinkGroup.pmPeakBwLevel_2 or RXI_SwitchFabric_InternalLinkGroup.pmPeakBwLevel_2		
pmPeakBwLevel_3	ACCUMULATION	INTEGER	The counter shows the traffic load for each internal link group, consisting of a list of 8 numbers.	RNC_SwitchFabric_InternalLinkGroup.pmPeakBwLevel_3 or NodeB_SwitchFabric_InternalLinkGroup.pmPeakBwLevel_3 or RXI_SwitchFabric_InternalLinkGroup.pmPeakBwLevel_3	Sum	
pmPeakBwLevel_4	ACCUMULATION	INTEGER	The counter shows the traffic load for each internal link group, consisting of a list of 8 numbers.	RNC_SwitchFabric_InternalLinkGroup.pmPeakBwLevel_4 or NodeB_SwitchFabric_InternalLinkGroup.pmPeakBwLevel_4 or RXI_SwitchFabric_InternalLinkGroup.pmPeakBwLevel_4	Sum	
pmPeakBwLevel_5	ACCUMULATION	INTEGER	The counter shows the traffic load for each internal link group, consisting of a list of 8 numbers.	RNC_SwitchFabric_InternalLinkGroup.pmPeakBwLevel_5 or NodeB_SwitchFabric_InternalLinkGroup.pmPeakBwLevel_5 or RXI_SwitchFabric_InternalLinkGroup.pmPeakBwLevel_5	Sum	
pmPeakBwLe	ACCUMULA	INTEG	The	RNC_SwitchFabric_Intern	Sum	

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vel_6	TION	ER	counter shows the traffic load for each internal link group, consisting of a list of 8 numbers.	allLinkGroup.pmPeakBwLevel_6 or NodeB_SwitchFabric_InternalLinkGroup.pmPeakBwLevel_6 or RXI_SwitchFabric_InternalLinkGroup.pmPeakBwLevel_6		
pmPeakBwLevel_7	ACCUMULATION	INTEGER	The counter shows the traffic load for each internal link group, consisting of a list of 8 numbers.	RNC_SwitchFabric_InternalLinkGroup.pmPeakBwLevel_7 or NodeB_SwitchFabric_InternalLinkGroup.pmPeakBwLevel_7 or RXI_SwitchFabric_InternalLinkGroup.pmPeakBwLevel_7	Sum	

7.30 Ip_Atm_Link Performance Indicators

This section shows the key performance indicators and other counters for the Ip_Atm_Link object, divided into the following sub-sections:

- [Ip_Atm_Link.Ericsson.UMTS.IP](#)

7.30.1 Ip_Atm_Link.Ericsson.UMTS.IP

UTRAN Ethernet or IP over ATM link.

KPI	Type	Data Type	Description	Derivation	Default Aggregator	Other Aggregators
pmNoOfInDiscards	ACCUMULATION	INT8	Performance monitoring counter for the number of input packets discarded due to	RNC_IP_ATM_Link.pmNoOfInDiscards or NODEB_IP_ATM_Link.pmNoOfInDiscards or RXI_IP_ATM_Link.pmNoOfInDiscards	Sum	Sum

			resource limitations.			
pmNoOfIfInErrors	ACCUMULATION	INT 8	Performance monitoring counter for the number of input packets discarded due to any error.	RNC_IP_ATM_Link.pmNoOfIfInErrors or NODEB_IP_ATM_Link.pmNoOfIfInErrors or RXI_IP_ATM_Link.pmNoOfIfInErrors	Sum	Sum
pmNoOfIfInNUcastPkts	ACCUMULATION	INT 8	Performance monitoring counter for the number of input broadcast or multicast packets delivered to higher layer.	RNC_IP_ATM_Link.pmNoOfIfInNUcastPkts or NODEB_IP_ATM_Link.pmNoOfIfInNUcastPkts or RXI_IP_ATM_Link.pmNoOfIfInNUcastPkts	Sum	Sum
pmNoOfIfInUcastPkts	ACCUMULATION	INT 8	Performance monitoring counter for the number of input unicast packets delivered to higher layer.	RNC_IP_ATM_Link.pmNoOfIfInUcastPkts or NODEB_IP_ATM_Link.pmNoOfIfInUcastPkts or RXI_IP_ATM_Link.pmNoOfIfInUcastPkts	Sum	Sum
pmNoOfIfOutDiscards	ACCUMULATION	INT 8	Number of out packets discarded.	RNC_IP_ATM_Link.pmNoOfIfOutDiscards or	Sum	Sum

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				NODEB_IP_ATM_Link.pmNoOfIfOutDiscards or RXI_IP_ATM_Link.pmNoOfIfOutDiscards		
pmNoOfIfOutNUcastPkts	ACCUMULATION	INT 8	Performance monitoring counter for the number of output broadcast/multicast packets delivered to higher layer.	RNC_IP_ATM_Link.pmNoOfIfOutNUcastPkts or NODEB_IP_ATM_Link.pmNoOfIfOutNUcastPkts or RXI_IP_ATM_Link.pmNoOfIfOutNUcastPkts	Sum	Sum
pmNoOfIfOutUcastPkts	ACCUMULATION	INT 8	Performance monitoring counter for the number of out unicast packets delivered to higher layer.	RNC_IP_ATM_Link.pmNoOfIfOutUcastPkts or NODEB_IP_ATM_Link.pmNoOfIfOutUcastPkts or RXI_IP_ATM_Link.pmNoOfIfOutUcastPkts	Sum	Sum

7.31 IP_Interface Performance Indicators

This section shows the key performance indicators and other counters for the IP_Interface object, divided into the following sub-sections:

- [IP_Interface.Ericsson.UMTS.GigabitEthernet_If](#)
- [IP_Interface.Ericsson.UMTS.IP](#)

7.31.1 IP_Interface.Ericsson.UMTS.GigabitEthernet_If

Statistics on the Gigabitethernet interface.

KPI	Type	Data Type	Description	Derivation	Default Aggregator	Other Aggregators
-----	------	-----------	-------------	------------	--------------------	-------------------

pmDot1qTpVlanPort InFrames	ACCUMULATION	INTEGER	The number of valid frames received on this port belonging to this VLAN and with a protocol processed by the local forwarding process. See RFC 2674.	PlugInUnit_EtMfg_GigaBitEther_IpIntf.pmDot1qTpVlanPortInFrames	Sum	Sum
pmDot1qTpVlanPort OutFrames	ACCUMULATION	INTEGER	The number of valid frames transmitted from this port belonging to this VLAN. See	PlugInUnit_EtMfg_GigaBitEther_IpIntf.pmDot1qTpVlanPortOutFrames	Sum	Sum

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			RFC 2674.			
pmIfStatsIpAddrErrors	ACCUMULATION	INTEGER	Number of received IP datagrams discarded due to invalid header address. See RFC 2011.	PlugInUnit_EtMfg_GigaBitEther_IpIntf.pmIfStatsIpAddrErrors	Sum	Sum
pmIfStatsIpInDiscards	ACCUMULATION	INTEGER	Number of received IP datagrams discarded due to resource problems (for example, lack of buffer space). See RFC 2011.	PlugInUnit_EtMfg_GigaBitEther_IpIntf.pmIfStatsIpInDiscards	Sum	Sum
pmIfStatsIpInHdrErrors	ACCUMULATION	INTEGER	Number of received IP datagrams with	PlugInUnit_EtMfg_GigaBitEther_IpIntf.pmIfStatsIpInHdrErrors	Sum	Sum

			an error in the header. See RFC 2011.			
pmIfStatsIpInReceives	ACCUMULATION	INTEGER	Number of received IP datagrams, including those with errors. See RFC 2011.	PlugInUnit_EtMfg_GigaBitEther_IpIntf.pmIfStatsIpInReceives	Sum	Sum
pmIfStatsIpOutDiscards	ACCUMULATION	INTEGER	The number of IP datagrams that should be sent, but which were discarded due to resource problems (for example, lack of	PlugInUnit_EtMfg_GigaBitEther_IpIntf.pmIfStatsIpOutDiscards	Sum	Sum

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			buffer space). See RFC 2011.			
pmIfStatsIpOutRequests	ACCUMULATION	INTEGER	Number of IP datagrams requested by the IP user protocol to be processed for sending. See RFC 2011.	PlugInUnit_EtMfg_GigaBitEther_IpIntf.pmIfStatsIpOutRequests	Sum	Sum
pmIfStatsIpUnknownProtos	ACCUMULATION	INTEGER	Number of IP datagrams received, with an unknown or not supported protocol. See RFC 2011.	PlugInUnit_EtMfg_GigaBitEther_IpIntf.pmIfStatsIpUnknownProtos	Sum	Sum

7.31.2 IP_Interface.Ericsson.UMTS.IP

IP Interface traffic statistics.

KPI	Type	Data Typ	Description	Derivation	Default Aggregator	Other Aggregators
-----	------	----------	-------------	------------	--------------------	-------------------

		e				
pmNoOfHdrErrors	ACCUMULATION	INT 8	Number of input data grams discarded due to errors in their IP headers, including bad check sums, version number mismatch, other format errors, time-to-live exceeded, errors discovered in processing their IP options, and so on.	RNC_IP_Link.pmNoOfHdrErrors or NODEB_IP_Link.pmNoOfHdrErrors or RXI_IP_Link.pmNoOfHdrErrors	Sum	Sum
pmNoOfIpAddrErrors	ACCUMULATION	INT 8	Number of input data grams discarded, because the IP address in their IP headers destination field was not a valid address to be received	RNC_IP_Link.pmNoOfIpAddrErrors or NODEB_IP_Link.pmNoOfIpAddrErrors or RXI_IP_Link.pmNoOfIpAddrErrors	Sum	Sum

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			at this entity. This count includes invalid addresses (for example, 0.0.0.0) and addresses of unsupported Classes (e.g., Class E). For entities which are not IP Gateways and therefore do not forward data grams, this counter includes data grams discarded because the destination address was not a local address.			
pmNoOfIpForwDatagrams	ACCUMULATION	INT8	Number of IP forward datagrams.	RNC_IP_Link.pmNoOfIpForwDatagrams or NODEB_IP_Link.pmNoOfIpForwDatagrams or RXI_IP_Link.pmNoOfIpForwDatagrams	Sum	Sum
pmNoOfIpInDiscards	ACCUMULATION	INT8	Number of input IP data grams	RNC_IP_Link.pmNoOfIpInDiscards or NODEB_IP_Link.pmN	Sum	Sum

			for which no problems were encountered to prevent their continued processing, but which were discarded (for example, for lack of buffer space) Note that this counter does not include any data grams discarded while awaiting re-as.	oOfIpInDiscards or RXI_IP_Link.pmNoOfIpInDiscards		
pmNoOfIpInReceives	ACCUMULATION	INT 8	Total number of input datagram received from Interfaces, including those received in error.	RNC_IP_Link.pmNoOfIpInReceives or NODEB_IP_Link.pmNoOfIpInReceives or RXI_IP_Link.pmNoOfIpInReceives	Sum	Sum
pmNoOfIpOutDiscards	ACCUMULATION	INT 8	Number of output IP	RNC_IP_Link.pmNoOfIpOutDiscards or	Sum	Sum

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			data grams for which no problem was encountered to prevent their transmission to their destination, but which were discarded (for example, for lack of buffer space).	NODEB_IP_Link.pmNoOfIpOutDiscards or RXI_IP_Link.pmNoOfIpOutDiscards		
pmNoOfIpReasmOKs	ACCUMULATION	INT8	Number of IP data grams successfully reassembled.	RNC_IP_Link.pmNoOfIpReasmOKs or NODEB_IP_Link.pmNoOfIpReasmOKs or RXI_IP_Link.pmNoOfIpReasmOKs	Sum	Sum
pmNoOfIpReasmReqs	ACCUMULATION	INT8	Number of IP fragments received that needed to be reassembled at this entity.	RNC_IP_Link.pmNoOfIpReasmReqs or NODEB_IP_Link.pmNoOfIpReasmReqs or RXI_IP_Link.pmNoOfIpReasmReqs	Sum	Sum

7.32 IPAccessHost_Et Performance Indicators

This section shows the key performance indicators and other counters for the IPAccessHost_Et object, divided into the following sub-sections:

- [IPAccessHost_Et.Ericsson.UMTS.IpAccessHostEt_Stats](#)

7.32.1 IPAccessHost_Et.Ericsson.UMTS.IpAccessHostEt_Stats

IP statistics.

KPI	Type	Data Type	Description	Derivation	Default Aggregator	Other Aggregators
pmIcmpInDestUnreachs	ACCUMULATION	INTEGER	The total number of ICMP Destination Unreachable messages received.	RNC_IpAccessHostEt.pmlcmpInDestUnreachs or NODEB_IpAccessHostEt.pmlcmpInDestUnreachs or RXI_IpAccessHostEt.pmlcmpInDestUnreachs	Sum	erttbh, Sum
pmIcmpInEchoReps	ACCUMULATION	INTEGER	The total number of ICMP Echo Reply messages received.	RNC_IpAccessHostEt.pmlcmpInEchoReps or NODEB_IpAccessHostEt.pmlcmpInEchoReps or RXI_IpAccessHostEt.pmlcmpInEchoReps	Sum	erttbh, Sum
pmIcmpInEchos	ACCUMULATION	INTEGER	The total number of ICMP Echo (request) messages received.	RNC_IpAccessHostEt.pmlcmpInEchos or NODEB_IpAccessHostEt.pmlcmpInEchos or RXI_IpAccessHostEt.pmlcmpInEchos	Sum	erttbh, Sum
pmIcmpInErrors	ACCUMULATION	INTEGER	The total number of ICMP messages which the entity received but determined as having ICMP-specific errors.	RNC_IpAccessHostEt.pmlcmpInErrors or NODEB_IpAccessHostEt.pmlcmpInErrors or RXI_IpAccessHostEt.pmlcmpInErrors	Sum	erttbh, Sum
pmIcmpInMsgs	ACCUMULATION	INTEGER	The total	RNC_IpAccessHostEt.pml	Sum	erttbh,

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	ATION	GER	number of ICMP messages which the entity received.	cmpInMsgs or NODEB_IpAccessHostEt.pmlcmpInMsgs or RXI_IpAccessHostEt.pmlcmpInMsgs		Sum
pmIcmpInParamProbs	ACCUMULATION	INTEGER	The total number of ICMP Parameter Problem messages received.	RNC_IpAccessHostEt.pmlcmpInParamProbs or NODEB_IpAccessHostEt.pmlcmpInParamProbs or RXI_IpAccessHostEt.pmlcmpInParamProbs	Sum	erttbh, Sum
pmIcmpInRedirects	ACCUMULATION	INTEGER	The total number of ICMP Redirect messages received.	RNC_IpAccessHostEt.pmlcmpInRedirects or NODEB_IpAccessHostEt.pmlcmpInRedirects or RXI_IpAccessHostEt.pmlcmpInRedirects	Sum	erttbh, Sum
pmIcmpInSrcQuenches	ACCUMULATION	INTEGER	The total number of ICMP Source Quench messages received.	RNC_IpAccessHostEt.pmlcmpInSrcQuenches or NODEB_IpAccessHostEt.pmlcmpInSrcQuenches or RXI_IpAccessHostEt.pmlcmpInSrcQuenches	Sum	erttbh, Sum
pmIcmpInTimeExcds	ACCUMULATION	INTEGER	The total number of ICMP Time Exceeded messages received.	RNC_IpAccessHostEt.pmlcmpInTimeExcds or NODEB_IpAccessHostEt.pmlcmpInTimeExcds or RXI_IpAccessHostEt.pmlcmpInTimeExcds	Sum	erttbh, Sum
pmIcmpOutDestUnreachs	ACCUMULATION	INTEGER	The total number of ICMP Destination Unreachable messages sent.	RNC_IpAccessHostEt.pmlcmpOutDestUnreachs or NODEB_IpAccessHostEt.pmlcmpOutDestUnreachs or RXI_IpAccessHostEt.pmlcmpOutDestUnreachs	Sum	erttbh, Sum
pmIcmpOutEchoReps	ACCUMULATION	INTEGER	The total number of ICMP Echo Reply	RNC_IpAccessHostEt.pmlcmpOutEchoReps or NODEB_IpAccessHostEt.pmlcmpOutEchoReps or	Sum	erttbh, Sum

			messages sent.	RXI_IpAccessHostEt.pmIcmpOutEchoReps		
pmIcmpOutEchoes	ACCUMULATION	INTEGER	The total number of ICMP Echo (request) messages sent.	RNC_IpAccessHostEt.pmIcmpOutEchos or NODEB_IpAccessHostEt.pmIcmpOutEchos or RXI_IpAccessHostEt.pmIcmpOutEchos	Sum	erttbh, Sum
pmIcmpOutErrors	ACCUMULATION	INTEGER	The total number of ICMP messages which this entity did not send due to problems discovered within ICMP such as a lack of buffers.	RNC_IpAccessHostEt.pmIcmpOutErrors or NODEB_IpAccessHostEt.pmIcmpOutErrors or RXI_IpAccessHostEt.pmIcmpOutErrors	Sum	erttbh, Sum
pmIcmpOutMessages	ACCUMULATION	INTEGER	The total number of ICMP messages which this entity attempted to send.	RNC_IpAccessHostEt.pmIcmpOutMsgs or NODEB_IpAccessHostEt.pmIcmpOutMsgs or RXI_IpAccessHostEt.pmIcmpOutMsgs	Sum	erttbh, Sum
pmIcmpOutParamProbs	ACCUMULATION	INTEGER	The total number of ICMP Parameter Problem messages sent.	RNC_IpAccessHostEt.pmIcmpOutParamProbs or NODEB_IpAccessHostEt.pmIcmpOutParamProbs or RXI_IpAccessHostEt.pmIcmpOutParamProbs	Sum	erttbh, Sum
pmIpFragCreates	ACCUMULATION	INTEGER	The number of IP fragments that	RNC_IpAccessHostEt.pmIpFragCreates or NODEB_IpAccessHostEt.	Sum	erttbh

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			are generated as a result of fragmentation at this entity.	pmIpFragCreates or RXI_IpAccessHostEt.pml pFragCreates		
pmIpFragFails	ACCUMULATION	INTEGER	The number of IP datagrams which need to be fragmented, but which cannot be, e.g. due to that their "Don't Fragment" flag is set.	RNC_IpAccessHostEt.pml pFragFails or NODEB_IpAccessHostEt.pml pFragFails or RXI_IpAccessHostEt.pml pFragFails	Sum	erttbh
pmIpFragOks	ACCUMULATION	INTEGER	The number of IP datagrams which are successfully fragmented at this entity.	RNC_IpAccessHostEt.pml pFragOks or NODEB_IpAccessHostEt.pml pFragOks or RXI_IpAccessHostEt.pml pFragOks	Sum	erttbh
pmIpInAddrErrors	ACCUMULATION	INTEGER	The total number of input datagrams discarded because the IP address in their IP headers destination field was not a valid address to be received at this entity.	RNC_IpAccessHostEt.pml pInAddrErrors or NODEB_IpAccessHostEt.pml pInAddrErrors or RXI_IpAccessHostEt.pml pInAddrErrors	Sum	erttbh, Sum
pmIpInDelivers	ACCUMULATION	INTEGER	The total number of input datagrams successfully	RNC_IpAccessHostEt.pml pInDelivers or NODEB_IpAccessHostEt.pml pInDelivers or RXI_IpAccessHostEt.pml	Sum	erttbh, Sum

			delivered to IP user-protocols (including ICMP).	pInDelivers		
pmIpInDiscards	ACCUMULATION	INTEGER	The total number of input IP datagrams for which no problems were encountered to prevent their continued processing, but which were discarded.	RNC_IpAccessHostEt.pml pInDiscards or NODEB_IpAccessHostEt. pmIpInDiscards or RXI_IpAccessHostEt.pml pInDiscards	Sum	erttbh, Sum
pmIpInHdrErrors	ACCUMULATION	INTEGER	The total number of input datagrams discarded due to errors in their IP headers.	RNC_IpAccessHostEt.pml pInHdrErrors or NODEB_IpAccessHostEt. pmIpInHdrErrors or RXI_IpAccessHostEt.pml pInHdrErrors	Sum	erttbh, Sum
pmIpInReceives	ACCUMULATION	INTEGER	The total number of input datagrams received from interfaces.	RNC_IpAccessHostEt.pml pInReceives or NODEB_IpAccessHostEt. pmIpInReceives or RXI_IpAccessHostEt.pml pInReceives	Sum	erttbh, Sum
pmIpInUnknownProtos	ACCUMULATION	INTEGER	The total number of locally-addressed	RNC_IpAccessHostEt.pml pInUnknownProtos or NODEB_IpAccessHostEt. pmIpInUnknownProtos or	Sum	erttbh, Sum

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			datagrams received successfully but discarded because of an unknown or unsupported protocol.	RXI_IpAccessHostEt.pml pInUnknownProtos		
pmIpOutDiscards	ACCUMULATION	INTEGER	The total number of output IP datagrams for which no problem was encountered to prevent their transmission to their destination, but which were discarded (for example, for lack of buffer space).	RNC_IpAccessHostEt.pml pOutDiscards or NODEB_IpAccessHostEt. pmIpOutDiscards or RXI_IpAccessHostEt.pml pOutDiscards	Sum	erttbh, Sum
pmIpOutRequests	ACCUMULATION	INTEGER	The total number of IP datagrams which local IP user-protocols (including ICMP) supplied to IP in requests for transmission.	RNC_IpAccessHostEt.pml pOutRequests or NODEB_IpAccessHostEt. pmIpOutRequests or RXI_IpAccessHostEt.pml pOutRequests	Sum	erttbh, Sum
pmIpPortUnreachable	ACCUMULATION	INTEGER	The number of received IP packets that could not be delivered to a higher layer protocol (UDP, SCTP)	RNC_IpAccessHostEt.pml pPortUnreachable or NODEB_IpAccessHostEt. pmIpPortUnreachable or RXI_IpAccessHostEt.pml pPortUnreachable	Sum	erttbh

			because of unresolved destination port number.			
pmIpReasmFails	ACCUMULATION	INTEGER	The number of IP datagrams which failed to be reassembled. The possible reasons for failure are reassembly timeout and fragments received in the wrong order.	RNC_IpAccessHostEt.pml pReasmFails or NODEB_IpAccessHostEt. pmIpReasmFails or RXI_IpAccessHostEt.pml pReasmFails	Sum	erttbh
pmIpReasmOks	ACCUMULATION	INTEGER	The number of IP datagrams which are successfully reassembled.	RNC_IpAccessHostEt.pml pReasmOks or NODEB_IpAccessHostEt. pmIpReasmOks or RXI_IpAccessHostEt.pml pReasmOks	Sum	erttbh
pmIpReasmReqds	ACCUMULATION	INTEGER	The number of received fragments which are required to be reassembled at this entity.	RNC_IpAccessHostEt.pml pReasmReqds or NODEB_IpAccessHostEt. pmIpReasmReqds or RXI_IpAccessHostEt.pml pReasmReqds	Sum	erttbh
pmUdpInDatagrams	ACCUMULATION	INTEGER	The total number of User Datagram Protocol (UDP)	RNC_IpAccessHostEt.pml UdpInDatagrams or NODEB_IpAccessHostEt. pmUdpInDatagrams or RXI_IpAccessHostEt.pml UdpInDatagrams	Sum	erttbh, Sum

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			datagrams delivered to UDP users. For additional information, refer to RFC 2013.		
pmUdpInErrors	ACCUMULATION	INTEGER	The number of received User Datagram Protocol (UDP) datagrams that could not be delivered for reasons other than the lack of an application at the destination port. For additional information, refer to RFC 2013.	RNC_IpAccessHostEt.pmUdpInErrors or NODEB_IpAccessHostEt.pmUdpInErrors or RXI_IpAccessHostEt.pmUdpInErrors	Sum erttbh, Sum
pmUdpNoPorts	ACCUMULATION	INTEGER	- Obsolete in P7 (replaced by pmIpPortUnreachable): The total number of received User Datagram Protocol (UDP) datagrams, for which there was no application at the destination port. For	RNC_IpAccessHostEt.pmUdpNoPorts or NODEB_IpAccessHostEt.pmUdpNoPorts or RXI_IpAccessHostEt.pmUdpNoPorts	Sum erttbh, Sum

			additional information, refer to RFC 2013.			
pmUdpOutDatagrams	ACCUMULATION	INTEGER	The total number of User Datagram Protocol (UDP) datagrams sent from this entity. For additional information, refer to RFC 2013.	RNC_IpAccessHostEt.pmUdpOutDatagrams or NODEB_IpAccessHostEt.pmUdpOutDatagrams or RXI_IpAccessHostEt.pmUdpOutDatagrams	Sum	erttbh, Sum

7.33 IPAccessHost_Gpb Performance Indicators

This section shows the key performance indicators and other counters for the IPAccessHost_Gpb object, divided into the following sub-sections:

- [IPAccessHost_Gpb.Ericsson.UMTS.IP_Payload](#)

7.33.1 IPAccessHost_Gpb.Ericsson.UMTS.IP_Payload

IP access host on General Processor Board packet payload statistics.

KPI	Type	Data Type	Description	Derivation	Default Aggregator	Other Aggregators
pmIcmpInDestUnreaches	ACCUMULATION	INTEGER	The number of Internet Control Message Protocol	RNC_IpSystem_IpAccessHostGpb.pmIcmpInDestUnreaches or NodeB_IpSystem_IpAccessHostGpb.pmIcmpInDestUnreaches	Sum	erttbh, Sum

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			(ICMP) Destination Unreachable messages received. For additional information, refer to RFC 2011.			
pmIcmpInEchoReps	ACCUMULATION	INTEGER	The number of Internet Control Message Protocol (ICMP) Echo Reply messages received. For additional information, refer to RFC 2011.	RNC_IpSystem_IpAccessHostGpb.pmIcmpInEchoReps or NodeB_IpSystem_IpAccessHostGpb.pmIcmpInEchoReps	Sum	erttbh, Sum
pmIcmpInEchos	ACCUMULATION	INTEGER	The number of Internet Control Message Protocol (ICMP) Echo Request messages received. See RFC 2011.	RNC_IpSystem_IpAccessHostGpb.pmIcmpInEchos or NodeB_IpSystem_IpAccessHostGpb.pmIcmpInEchos	Sum	erttbh, Sum
pmIcmpInErrors	ACCUMULATION	INTEGER	The number of Internet Control Message Protocol	RNC_IpSystem_IpAccessHostGpb.pmIcmpInErrors or NodeB_IpSystem_IpAccessHostGpb.pmIcmpInErrors	Sum	erttbh, Sum

			(ICMP) messages that the entity received but determined as having ICMP-specific errors (bad ICMP checksums, bad length, etc.). For additional information, refer to RFC 2011.			
pmIcmpInMsgs	ACCUMULATION	INTEGER	The total number of Internet Control Message Protocol (ICMP) messages that the entity received. Note that this counter includes all those counted by icmpInErrors. For additional information, refer to	RNC_IpSystem_IpAccessHostGpb.pmIcmpInMsgs or NodeB_IpSystem_IpAccessHostGpb.pmIcmpInMsgs	Sum	erttbh, Sum

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			RFC 2011.			
pmIcmpInParamProbs	ACCUMULATION	INTEGER	The number of Internet Control Message Protocol (ICMP) Parameter Problem messages received.	RNC_IpSystem_IpAccessHostGpb.pmIcmpInParamProbs or NodeB_IpSystem_IpAccessHostGpb.pmIcmpInParamProbs	Sum	erttbh, Sum
pmIcmpInRedirects	ACCUMULATION	INTEGER	The number of Internet Control Message Protocol (ICMP) Redirect messages received	RNC_IpSystem_IpAccessHostGpb.pmIcmpInRedirects or NodeB_IpSystem_IpAccessHostGpb.pmIcmpInRedirects	Sum	erttbh, Sum
pmIcmpInSrcQuenches	ACCUMULATION	INTEGER	The number of Internet Control Message Protocol (ICMP) Source Quench messages received.	RNC_IpSystem_IpAccessHostGpb.pmIcmpInSrcQuenches or NodeB_IpSystem_IpAccessHostGpb.pmIcmpInSrcQuenches	Sum	erttbh, Sum
pmIcmpInTimeExcds	ACCUMULATION	INTEGER	The number of Internet Control Message Protocol (ICMP) Time Exceeded messages	RNC_IpSystem_IpAccessHostGpb.pmIcmpInTimeExcds or NodeB_IpSystem_IpAccessHostGpb.pmIcmpInTimeExcds	Sum	erttbh, Sum

			received.			
pmIcmpOutDestUnreaches	ACCUMULATION	INTEGER	The number of Internet Control Message Protocol (ICMP) Destination Unreachable messages sent. For additional information, refer to RFC 2011.	RNC_IpSystem_IpAccessHostGpb.pmIcmpOutDestUnreaches or NodeB_IpSystem_IpAccessHostGpb.pmIcmpOutDestUnreaches	Sum	erttbh, Sum
pmIcmpOutEchoReps	ACCUMULATION	INTEGER	The number of Internet Control Message Protocol (ICMP) Echo Reply messages sent	RNC_IpSystem_IpAccessHostGpb.pmIcmpOutEchoReps or NodeB_IpSystem_IpAccessHostGpb.pmIcmpOutEchoReps	Sum	erttbh, Sum
pmIcmpOutEchoes	ACCUMULATION	INTEGER	The number of Internet Control Message Protocol (ICMP) Echo Request messages sent.	RNC_IpSystem_IpAccessHostGpb.pmIcmpOutEchoes or NodeB_IpSystem_IpAccessHostGpb.pmIcmpOutEchoes	Sum	erttbh, Sum
pmIcmpOutErrors	ACCUMULATION	INTEGER	The	RNC_IpSystem_IpAccessH	Sum	erttbh,

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rs	ATION	GER	<p>number of Internet Control Message Protocol (ICMP) messages that this entity did not send due to problems discovered within ICMP, such as a lack of buffers. This value does not include errors discovered outside the ICMP layer, for example the inability of IP to route the resultant datagram.</p>	<p>ostGpb.pmIcmpOutErrors or NodeB_IpSystem_IpAccessHostGpb.pmIcmpOutErrors</p>		Sum
pmIcmpOutMsgs	ACCUMULATION	INTEGER	<p>The total number of Internet Control Message Protocol (ICMP) messages that this entity attempted to send. Note that</p>	<p>RNC_IpSystem_IpAccessHostGpb.pmIcmpOutMsgs or NodeB_IpSystem_IpAccessHostGpb.pmIcmpOutMsgs</p>	Sum	erttbh, Sum

			this counter includes all those messages counted by icmpOutErrors. For additional information, refer to RFC 2119.			
pmIcmpOutParmProbs	ACCUMULATION	INTEGER	The number of Internet Control Message Protocol (ICMP) Parameter Problem messages sent.	RNC_IpSystem_IpAccessHostGpb.pmIcmpOutParmProbs or NodeB_IpSystem_IpAccessHostGpb.pmIcmpOutParmProbs	Sum	erttbh, Sum
pmIpFragCreates	ACCUMULATION	INTEGER	The number of IP datagram fragments that have been generated as a result of fragmentation at this entity.	RNC_IpSystem_IpAccessHostGpb.pmIpFragCreates or NodeB_IpSystem_IpAccessHostGpb.pmIpFragCreates	Sum	erttbh, Sum
pmIpFragFails	ACCUMULATION	INTEGER	The number of IP datagrams	RNC_IpSystem_IpAccessHostGpb.pmIpFragFails or NodeB_IpSystem_IpAccessHostGpb.pmIpFragFails	Sum	erttbh, Sum

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			that have been discarded because they needed to be fragmented at this entity but could not be fragmented, for example, because their -Do not Fragment flag- was set.			
pmIpFragOKs	ACCUMULATION	INTEGER	The number of IP datagrams that have been successfully fragmented at this entity.	RNC_IpSystem_IpAccessHostGpb.pmIpFragOKs or NodeB_IpSystem_IpAccessHostGpb.pmIpFragOKs	Sum	erttbh, Sum
pmIpInAddrErrors	ACCUMULATION	INTEGER	The number of input datagrams discarded because the IP address in the destination field of the IP header was not a valid	RNC_IpSystem_IpAccessHostGpb.pmIpInAddrErrors or NodeB_IpSystem_IpAccessHostGpb.pmIpInAddrErrors	Sum	erttbh, Sum

		<p>address to be received at this entity. This count includes invalid addresses (for example, 0.0.0.0) and addresses of unsupported Classes (for example, Class E). For entities that are not IP routers and therefore do not forward datagrams, this counter includes datagrams discarded because the destination address was not a local address. For additional information, refer to RFC 2111.</p>			
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pmIpInDelivers	ACCUMULATION	INTEGER	The total number of input datagrams successfully delivered to IP user protocols, including Internet Control Message Protocol (ICMP). For additional information, refer to RFC 2011.	RNC_IpSystem_IpAccessHostGpb.pmIpInDelivers or NodeB_IpSystem_IpAccessHostGpb.pmIpInDelivers	Sum	erttbh, Sum
pmIpInDiscards	ACCUMULATION	INTEGER	The number of output IP datagrams, for which no problem was encountered to prevent transmission to their destination, but which were discarded (for example, due to lack of buffer space). Note that this counter includes datagrams counted in ipForwData	RNC_IpSystem_IpAccessHostGpb.pmIpInDiscards or NodeB_IpSystem_IpAccessHostGpb.pmIpInDiscards	Sum	erttbh, Sum

			grams, if any such packets met this (discretionary) discard criterion. For additional information, refer to RFC 2011.			
pmIpInHdrErrors	ACCUMULATION	INTEGER	The number of input datagrams discarded due to errors in their IP headers, including bad checksums, version-number mismatch, other format errors, time-to-live exceeded, errors discovered in processing their IP options, etc. For additional	RNC_IpSystem_IpAccessHostGpb.pmIpInHdrErrors or NodeB_IpSystem_IpAccessHostGpb.pmIpInHdrErrors	Sum	erttbh, Sum

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			information, refer to RFC 2011.		
pmIpInReceives	ACCUMULATION	INTEGER	The total number of input datagrams received from interfaces, including those received in error. For additional information, refer to RFC 2011.	RNC_IpSystem_IpAccessHostGpb.pmIpInReceives or NodeB_IpSystem_IpAccessHostGpb.pmIpInReceives	Sum erttbh, Sum
pmIpInUnknownProtos	ACCUMULATION	INTEGER	The number of locally addressed datagrams received successfully but discarded because of an unknown or unsupported protocol. For additional information, refer to RFC 2011.	RNC_IpSystem_IpAccessHostGpb.pmIpInUnknownProtos or NodeB_IpSystem_IpAccessHostGpb.pmIpInUnknownProtos	Sum erttbh, Sum
pmIpOutDiscards	ACCUMULATION	INTEGER	The number of input IP datagrams, for which no	RNC_IpSystem_IpAccessHostGpb.pmIpOutDiscards or NodeB_IpSystem_IpAccessHostGpb.pmIpOutDiscards	Sum erttbh, Sum

			problems were encountered that prevent their continued processing, but which were discarded, for example, due to lack of buffer space. Note that this counter does not include any datagrams discarded while awaiting reassembly. For additional information, refer to RFC 2011.			
pmIpOutRequests	ACCUMULATION	INTEGER	The total number of IP datagrams which local IP user protocols, including Internet Control	RNC_IpSystem_IpAccessHostGpb.pmIpOutRequests or NodeB_IpSystem_IpAccessHostGpb.pmIpOutRequests	Sum	erttbh, Sum

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			<p>Message Protocol (ICMP) supplied to IP in requests for transmission. Note that this counter does not include any datagrams counted in ipForwDatagrams. For additional information, refer to RFC 2011.</p>			
pmIpReasmFails	ACCUMULATION	INTEGER	<p>The number of failures detected by the IP reassembly algorithm (for whatever reason: timed out, errors, etc). Note that this is not necessarily a count of discarded IP fragments since some algorithms (notably the algorithm in RFC 815) can</p>	RNC_IpSystem_IpAccessHostGpb.pmIpReasmFails or NodeB_IpSystem_IpAccessHostGpb.pmIpReasmFails	Sum	erttbh, Sum

			lose track of the number of fragments by combining them as they are received.			
pmIpReasmOKs	ACCUMULATION	INTEGER	The number of IP datagrams successfully reassembled.	RNC_IpSystem_IpAccessHostGpb.pmIpReasmOKs or NodeB_IpSystem_IpAccessHostGpb.pmIpReasmOKs	Sum	erttbh, Sum
pmIpReasmReqs	ACCUMULATION	INTEGER	The number of IP fragments received that needed to be reassembled at this entity.	RNC_IpSystem_IpAccessHostGpb.pmIpReasmReqs or NodeB_IpSystem_IpAccessHostGpb.pmIpReasmReqs	Sum	erttbh, Sum
pmUdpInDatagrams	ACCUMULATION	INT8	The total number of User Datagram Protocol (UDP) datagrams delivered to UDP users. For additional information	RNC_IpSystem_IpAccessHostGpb.pmUdpInDatagrams or NodeB_IpSystem_IpAccessHostGpb.pmUdpInDatagrams	Sum	erttbh, Sum

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			, refer to RFC 2013.			
pmUdpInErrors	ACCUMULATION	INTEGER	The number of received User Datagram Protocol (UDP) datagrams that could not be delivered for reasons other than the lack of an application at the destination port. For additional information, refer to RFC 2013.	RNC_IpSystem_IpAccessHostGpb.pmUdpInErrors or NodeB_IpSystem_IpAccessHostGpb.pmUdpInErrors	Sum	erttbh, Sum
pmUdpNoPorts	ACCUMULATION	INTEGER	The total number of received User Datagram Protocol (UDP) datagrams, for which there was no application at the destination port. For additional information, refer to RFC 2013.	RNC_IpSystem_IpAccessHostGpb.pmUdpNoPorts or NodeB_IpSystem_IpAccessHostGpb.pmUdpNoPorts	Sum	erttbh, Sum

pmUdpOutDatagrams	ACCUMULATION	INT8	The total number of User Datagram Protocol (UDP) datagrams sent from this entity. For additional information, refer to RFC 2013.	RNC_IpSystem_IpAccessHostGpb.pmUdpOutDatagrams or NodeB_IpSystem_IpAccessHostGpb.pmUdpOutDatagrams	Sum	erttbh, Sum
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7.34 IPAccessHost_Spb Performance Indicators

This section shows the key performance indicators and other counters for the IPAccessHost_Spb object, divided into the following sub-sections:

- [IPAccessHost_Spb.Ericsson.UMTS.IP_Payload](#)

7.34.1 IPAccessHost_Spb.Ericsson.UMTS.IP_Payload

IP access host on Special Purpose Processor Board packet payload statistics.

KPI	Type	Data Type	Description	Derivation	Default Aggregator	Other Aggregators
pmIcmpInDestUnreaches	ACCUMULATION	INTEGER	The number of Internet Control Message Protocol (ICMP) Destination Unreachable messages received. For	RNC_IP_Access.pmIcmpInDestUnreaches	Sum	erttbh, Sum

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			additional information, refer to RFC 2011.			
pmIcmpInEchoReps	ACCUMULATION	INTEGER	The number of Internet Control Message Protocol (ICMP) Echo Reply messages received. For additional information, refer to RFC 2011.	RNC_IP_Access.pmIcmpInEchoReps	Sum	erttbh, Sum
pmIcmpInEchos	ACCUMULATION	INTEGER	The number of Internet Control Message Protocol (ICMP) Echo Request messages received. See RFC 2011.	RNC_IP_Access.pmIcmpInEchos	Sum	erttbh, Sum
pmIcmpInErrors	ACCUMULATION	INTEGER	The number of Internet Control Message Protocol (ICMP) messages that the entity received but determined as having ICMP-specific	RNC_IP_Access.pmIcmpInErrors	Sum	erttbh, Sum

			errors (bad ICMP checksums, bad length, etc.). For additional information, refer to RFC 2011.			
pmIcmpInMsgs	ACCUMULATION	INTEGER	The total number of Internet Control Message Protocol (ICMP) messages that the entity received. Note that this counter includes all those counted by icmpInErrors. For additional information, refer to RFC 2011.	RNC_IP_Access.pmIcmpInMsgs	Sum	erttbh, Sum
pmIcmpInParamProbs	ACCUMULATION	INTEGER	The number of Internet Control Message Protocol (ICMP) Parameter Problem messages	RNC_IP_Access.pmIcmpInParamProbs	Sum	erttbh, Sum

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			received.			
pmIcmpInRedirects	ACCUMULATION	INTEGER	The number of Internet Control Message Protocol (ICMP) Redirect messages received	RNC_IP_Access.pmIcmpInRedirects	Sum	erttbh, Sum
pmIcmpInSrcQuenches	ACCUMULATION	INTEGER	The number of Internet Control Message Protocol (ICMP) Source Quench messages received.	RNC_IP_Access.pmIcmpInSrcQuenches	Sum	erttbh, Sum
pmIcmpInTimeExcds	ACCUMULATION	INTEGER	The number of Internet Control Message Protocol (ICMP) Time Exceeded messages received.	RNC_IP_Access.pmIcmpInTimeExcds	Sum	erttbh, Sum
pmIcmpOutDestUnreachs	ACCUMULATION	INTEGER	The number of Internet Control Message Protocol (ICMP) Destination Unreachable messages sent. For additional information, refer to RFC	RNC_IP_Access.pmIcmpOutDestUnreachs	Sum	erttbh, Sum

			2011.			
pmIcmpOutEchoReps	ACCUMULATION	INTEGER	The number of Internet Control Message Protocol (ICMP) Echo Reply messages sent	RNC_IP_Access.pmIcmpOutEchoReps	Sum	erttbh, Sum
pmIcmpOutEchos	ACCUMULATION	INTEGER	The number of Internet Control Message Protocol (ICMP) Echo Request messages sent.	RNC_IP_Access.pmIcmpOutEchos	Sum	erttbh, Sum
pmIcmpOutErrors	ACCUMULATION	INTEGER	The number of Internet Control Message Protocol (ICMP) messages that this entity did not send due to problems discovered within ICMP, such as a lack of buffers. This value does not include errors	RNC_IP_Access.pmIcmpOutErrors	Sum	erttbh, Sum

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			discovered outside the ICMP layer, for example the inability of IP to route the resultant datagram.			
pmIcmpOutMsgs	ACCUMULATION	INTEGER	The total number of Internet Control Message Protocol (ICMP) messages that this entity attempted to send. Note that this counter includes all those messages counted by icmpOutErrors. For additional information, refer to RFC 2011.	RNC_IP_Access.pmIcmpOutMsgs	Sum	erttbh, Sum
pmIcmpOutParmProbs	ACCUMULATION	INTEGER	The number of Internet Control Message Protocol (ICMP) Parameter Problem messages sent.	RNC_IP_Access.pmIcmpOutParmProbs	Sum	erttbh, Sum
pmIpFragCreates	ACCUMULATION	INTEGER	The number	RNC_IP_Access.pmIp	Sum	erttbh,

	ATION	GER	of IP datagram fragments that have been generated as a result of fragmentation at this entity.	FragCreates		Sum
pmIpFragFails	ACCUMULATION	INTEGER	The number of IP datagrams that have been discarded because they needed to be fragmented at this entity but could not be fragmented, for example, because their Do not Fragment flag was set.	RNC_IP_Access.pmIpFragFails	Sum	erttbh, Sum
pmIpFragOKs	ACCUMULATION	INTEGER	The number of IP datagrams that have been successfully fragmented at this entity.	RNC_IP_Access.pmIpFragOKs	Sum	erttbh, Sum
pmIpInAddrErrors	ACCUMULATION	INTEGER	The number of input	RNC_IP_Access.pmIpInAddrErrors	Sum	erttbh, Sum

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		<p>datagrams discarded because the IP address in the destination field of the IP header was not a valid address to be received at this entity. This count includes invalid addresses (for example, 0.0.0.0) and addresses of unsupported Classes (for example, Class E). For entities that are not IP routers and therefore do not forward datagrams, this counter includes datagrams discarded because the destination address was not a local address. For additional information, refer to RFC 2011.</p>		
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pmIpInDelivers	ACCUMULATION	INTEGER	The total number of input datagrams successfully delivered to IP user protocols, including Internet Control Message Protocol (ICMP). For additional information, refer to RFC 2011.	RNC_IP_Access.pmIpInDelivers	Sum	erttbh, Sum
pmIpInDiscards	ACCUMULATION	INTEGER	The number of input IP datagrams, for which no problems were encountered that prevent their continued processing, but which were discarded, for example, due to lack of buffer space. Note that this counter does not include any	RNC_IP_Access.pmIpInDiscards	Sum	erttbh, Sum

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			datagrams discarded while awaiting reassembly. For additional information, refer to RFC 2011.			
pmIpInHdrErrors	ACCUMULATION	INTEGER	The number of input datagrams discarded due to errors in their IP headers, including bad checksums, version-number mismatch, other format errors, time-to-live exceeded, errors discovered in processing their IP options, etc. For additional information, refer to RFC 2011.	RNC_IP_Access.pmIpInHdrErrors	Sum	erttbh, Sum
pmIpInReceives	ACCUMULATION	INTEGER	The total number of input datagrams received from interfaces,	RNC_IP_Access.pmIpInReceives	Sum	erttbh, Sum

			including those received in error. For additional information, refer to RFC 2011.			
pmIpInUnknown Protos	ACCUMULATION	INTEGER	The number of locally addressed datagrams received successfully but discarded because of an unknown or unsupported protocol. For additional information, refer to RFC 2011.	RNC_IP_Access.pmIpInUnknownProtos	Sum	erttbh, Sum
pmIpOutDiscards	ACCUMULATION	INTEGER	The number of output IP datagrams, for which no problem was encountered to prevent transmission to their destination, but which were discarded (for	RNC_IP_Access.pmIpOutDiscards	Sum	erttbh, Sum

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			<p>example, due to lack of buffer space). Note that this counter includes datagrams counted in ipForwData grams, if any such packets met this (discretionary) discard criterion. For additional information, refer to RFC 2011.</p>			
pmIpOutRequests	ACCUMULATION	INTEGER	<p>The total number of IP datagrams which local IP user protocols, including Internet Control Message Protocol (ICMP) supplied to IP in requests for transmission . Note that this counter does not include any datagrams counted in</p>	RNC_IP_Access.pmIpOutRequests	Sum	erttbh, Sum

			ipForwData grams. For additional information, refer to RFC 2011.			
pmIpReasmFails	ACCUMULATION	INTEGER	The number of failures detected by the IP reassembly algorithm (for whatever reason: timed out, errors, etc). Note that this is not necessarily a count of discarded IP fragments since some algorithms (notably the algorithm in RFC 815) can lose track of the number of fragments by combining them as they are received.	RNC_IP_Access.pmIpReasmFails	Sum	erttbh, Sum
pmIpReasmOKs	ACCUMULATION	INTEGER	The number of IP datagrams successfully	RNC_IP_Access.pmIpReasmOKs	Sum	erttbh, Sum

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			reassembled .			
pmIpReasmReqds	ACCUMULATION	INTEGER	The number of IP fragments received that needed to be reassembled at this entity.	RNC_IP_Access.pmIpReasmReqds	Sum	erttbh, Sum
pmUdpInDatagrams	ACCUMULATION	INT8	The total number of User Datagram Protocol (UDP) datagrams delivered to UDP users. For additional information, refer to RFC 2013.	RNC_IP_Access.pmUdpInDatagrams	Sum	erttbh, Sum
pmUdpInErrors	ACCUMULATION	INTEGER	The number of received User Datagram Protocol (UDP) datagrams that could not be delivered for reasons other than the lack of an application at the destination port. For additional information,	RNC_IP_Access.pmUdpInErrors	Sum	erttbh, Sum

			refer to RFC 2013.			
pmUdpNoPorts	ACCUMULATION	INTEGER	The total number of received User Datagram Protocol (UDP) datagrams, for which there was no application at the destination port. For additional information, refer to RFC 2013.	RNC_IP_Access.pmUdpNoPorts	Sum	erttbh, Sum
pmUdpOutDatagrams	ACCUMULATION	INT8	The total number of User Datagram Protocol (UDP) datagrams sent from this entity. For additional information, refer to RFC 2013.	RNC_IP_Access.pmUdpOutDatagrams	Sum	erttbh, Sum

7.35 IPAccessUdpHost_Msb Performance Indicators

This section shows the key performance indicators and other counters for the IPAccessUdpHost_Msb object, divided into the following sub-sections:

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- [IPAccessUdpHost_Msb.Ericsson.UMTS.IP_Payload](#)

7.35.1 IPAccessUdpHost_Msb.Ericsson.UMTS.IP_Payload

(Obsolete in P6) IP access host on MSB Board packet payload statistics.

KPI	Type	Data Type	Description	Derivation	Default Aggregator	Other Aggregators
pmIcmpInDestUnreachs	ACCUMULATION	INTEGER	(Obsolete in P6) The number of Internet Control Message Protocol (ICMP) Destination Unreachable messages received. For additional information, refer to RFC 2011.	RNC_IpSystem_IpAccessUdpHostMsb.pmIcmpInDestUnreachs or NodeB_IpSystem_IpAccessUdpHostMsb.pmIcmpInDestUnreachs	Sum	erttbh, Sum
pmIcmpInErrors	ACCUMULATION	INTEGER	(Obsolete in P6) The number of Internet Control Message Protocol (ICMP) messages that the entity received but determined as having ICMP-specific errors (bad	RNC_IpSystem_IpAccessUdpHostMsb.pmIcmpInErrors or NodeB_IpSystem_IpAccessUdpHostMsb.pmIcmpInErrors	Sum	erttbh, Sum

			ICMP checksums, bad length, etc.). For additional information, refer to RFC 2011.		
pmIcmpInMsgs	ACCUMULATION	INTEGER	(Obsolete in P6) The total number of Internet Control Message Protocol (ICMP) messages that the entity received. Note that this counter includes all those counted by icmpInErrors. For additional information, refer to RFC 2011.	RNC_IpSystem_IpAccessUdpHostMsb.pmIcmpInMsgs or NodeB_IpSystem_IpAccessUdpHostMsb.pmIcmpInMsgs	Sum erttbh, Sum
pmIcmpOutDestUnreachs	ACCUMULATION	INTEGER	(Obsolete in P6) The number of Internet Control Message Protocol	RNC_IpSystem_IpAccessUdpHostMsb.pmIcmpOutDestUnreachs or NodeB_IpSystem_IpAccessUdpHostMsb.pmIcmpOutDestUnreachs	Sum erttbh, Sum

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			(ICMP) Destination Unreachable messages sent. For additional information, refer to RFC 2011.		
pmIcmpOutMsgs	ACCUMULATION	INTEGER	(Obsolete in P6) The total number of Internet Control Message Protocol (ICMP) messages that this entity attempted to send. Note that this counter includes all those messages counted by icmpOutErrors. For additional information, refer to RFC 2011.	RNC_IpSystem_IpAccessUdpHostMsb.pmIcmpOutMsgs or NodeB_IpSystem_IpAccessUdpHostMsb.pmIcmpOutMsgs	Sum erttbh, Sum
pmIpInAddrErrors	ACCUMULATION	INTEGER	(Obsolete in P6) The number of input datagrams discarded because the IP address in the	RNC_IpSystem_IpAccessUdpHostMsb.pmIpInAddrErrors or NodeB_IpSystem_IpAccessUdpHostMsb.pmIpInAddrErrors	Sum erttbh, Sum

		<p>destination field of the IP header was not a valid address to be received at this entity. This count includes invalid addresses (for example, 0.0.0.0) and addresses of unsupported Classes (for example, Class E). For entities that are not IP routers and therefore do not forward datagrams, this counter includes datagrams discarded because the destination address was not a</p>		
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			local address. For additional information, refer to RFC 2011.		
pmIpInDelivers	ACCUMULATION	INTEGER	(Obsolete in P6) The total number of input datagrams successfully delivered to IP user protocols, including Internet Control Message Protocol (ICMP). For additional information, refer to RFC 2011.	RNC_IpSystem_IpAccessUdpHostMsb.pmIpInDelivers or NodeB_IpSystem_IpAccessUdpHostMsb.pmIpInDelivers	Sum erttbh, Sum
pmIpInDiscards	ACCUMULATION	INTEGER	(Obsolete in P6) The number of output IP datagrams, for which no problem was encountered to prevent transmission to their destination, but which were discarded	RNC_IpSystem_IpAccessUdpHostMsb.pmIpInDiscards or NodeB_IpSystem_IpAccessUdpHostMsb.pmIpInDiscards	Sum erttbh, Sum

			(for example, due to lack of buffer space). Note that this counter includes datagrams counted in ipForwDatagrams, if any such packets met this (discretionary) discard criterion. For additional information, refer to RFC 2011.			
pmIpInHdrErrors	ACCUMULATION	INTEGER	(Obsolete in P6) The number of input datagrams discarded due to errors in their IP headers, including bad checksums, version-number	RNC_IpSystem_IpAccessUdpHostMsb.pmIpInHdrErrors or NodeB_IpSystem_IpAccessUdpHostMsb.pmIpInHdrErrors	Sum	erttbh, Sum

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			mismatch, other format errors, time-to-live exceeded, errors discovered in processing their IP options, etc. For additional information, refer to RFC 2011.		
pmIpInReceives	ACCUMULATION	INTEGER	(Obsolete in P6) The total number of input datagrams received from interfaces, including those received in error. For additional information, refer to RFC 2011.	RNC_IpSystem_IpAccessUdpHostMsb.pmIpInReceives or NodeB_IpSystem_IpAccessUdpHostMsb.pmIpInReceives	Sum erttbh, Sum
pmIpInUnknownProtos	ACCUMULATION	INTEGER	(Obsolete in P6) The number of locally addressed datagrams received successfully but discarded	RNC_IpSystem_IpAccessUdpHostMsb.pmIpInUnknownProtos or NodeB_IpSystem_IpAccessUdpHostMsb.pmIpInUnknownProtos	Sum erttbh, Sum

			because of an unknown or unsupported protocol. For additional information, refer to RFC 2011.			
pmIpOutDiscards	ACCUMULATION	INTEGER	(Obsolete in P6) The number of input IP datagrams, for which no problems were encountered that prevent their continued processing, but which were discarded, for example, due to lack of buffer space. Note that this counter does not include any datagrams	RNC_IpSystem_IpAccessUdpHostMsb.pmIpOutDiscards or NodeB_IpSystem_IpAccessUdpHostMsb.pmIpOutDiscards	Sum	erttbh, Sum

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			discarded while awaiting reassembly. For additional information, refer to RFC 2011.			
pmIpOutRequests	ACCUMULATION	INTEGER	(Obsolete in P6) The total number of IP datagrams which local IP user protocols, including Internet Control Message Protocol (ICMP) supplied to IP in requests for transmission. Note that this counter does not include any datagrams counted in ipForwDatagrams. For additional information, refer to RFC 2011.	RNC_IpSystem_IpAccessUdpHostMsb.pmIpOutRequests or NodeB_IpSystem_IpAccessUdpHostMsb.pmIpOutRequests	Sum	erttbh, Sum
pmUdpInDatagrams	ACCUMULATION	INTEGER	(Obsolete in P6) The	RNC_IpSystem_IpAccessUdpHostMsb.pmUdpInDatagrams	Sum	erttbh, Sum

			total number of User Datagram Protocol (UDP) datagrams delivered to UDP users. For additional information, refer to RFC 2013.	or NodeB_IpSystem_IpAccessUdpHostMsb.pmUdpInDatagrams		
pmUdpInErrors	ACCUMULATION	INTEGER	(Obsolete in P6) The number of received User Datagram Protocol (UDP) datagrams that could not be delivered for reasons other than the lack of an application at the destination port. For additional information, refer to RFC 2013.	RNC_IpSystem_IpAccessUdpHostMsb.pmUdpInErrors or NodeB_IpSystem_IpAccessUdpHostMsb.pmUdpInErrors	Sum	erttbh, Sum
pmUdpNoPorts	ACCUMULATION	INTEGER	(Obsolete in P6) The	RNC_IpSystem_IpAccessUdpHostMsb.pmUdpNoPorts or	Sum	erttbh, Sum

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			total number of received User Datagram Protocol (UDP) datagrams, for which there was no application at the destination port. For additional information, refer to RFC 2013.	NodeB_IpSystem_IpAccessUdpHostMsb.pmUdpNoPorts		
pmUdpOutDatagrams	ACCUMULATION	INTEGER	(Obsolete in P6) The total number of User Datagram Protocol (UDP) datagrams sent from this entity. For additional information, refer to RFC 2013.	RNC_IpSystem_IpAccessUdpHostMsb.pmUdpOutDatagrams or NodeB_IpSystem_IpAccessUdpHostMsb.pmUdpOutDatagrams	Sum	erttbh, Sum

7.36 IPethPacketDataRouter Performance Indicators

This section shows the key performance indicators and other counters for the IPethPacketDataRouter object, divided into the following sub-sections:

- [IPethPacketDataRouter.Ericsson.UMTS.Packet_Data_Router](#)

7.36.1 IPethPacketDataRouter.Ericsson.UMTS.Packet_Data_Router

Packet Data Router traffic statistics.

KPI	Type	Data Type	Description	Derivation	Default Aggregator	Other Aggregators
Avg_pmSumPacketDataRab	INTENSITY	FLOAT	Average number of the active packet data RABs (per PDR PVC link), sampled once every 30 seconds.	$\text{thresholddiv}(\{\text{pmSumPacketDataRab}\}, \{\text{pmSamplesPacketDataRab}\}, 0, 0)$	Average	Average, erttbh, Maximum, Minimum, Sum
pmNoFaultyIpPackets	ACCUMULATION	INT8	Number of faulty packets received in an individual PVC link of a packet data router device. A faulty packet is one which is received with an incorrect header.	ME_RNC_IpEthPDR.pmNoFaultyIpPackets	Sum	erttbh, Sum

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pmNoRoutedIpBytesDl	ACCUMULATION	INT8	Number of routed user IP bytes downlink in an individual PVC link of a packet data router device. The counter trigger is the reception of a byte from CN towards UE.	ME_RNC_IpEthPDR.pmNoRoutedIpBytesDl	Sum	erttbh, Sum
pmNoRoutedIpBytesUl	ACCUMULATION	INT8	Number of routed user IP bytes uplink in an individual PVC link of a packet data router device. The counter trigger is the sending of a byte from UE towards CN.	ME_RNC_IpEthPDR.pmNoRoutedIpBytesUl	Sum	erttbh, Sum
pmNoRoutedIpPackets	ACCUMULATION	INT8	Number	ME_RNC_IpEthPDR.pm	Sum	erttbh,

ketsDI	TION		of routed user IP packets downlink in an individual PVC link of a packet data router device. The counter trigger is the reception of a packet from CN towards UE.	NoRoutedIpPacketsDI		Sum
pmNoRoutedIpPacketsUI	ACCUMULATION	INT8	Number of routed user IP packets DL. The counter trigger is the sending of a packet from UE towards CN.	ME_RNC_IpEthPDR.pmNoRoutedIpPacketsUI	Sum	erttbh, Sum
pmSamplesPacketDataRab	ACCUMULATION	INT8	Number of samples recorded	ME_RNC_IpEthPDR.pmSamplesPacketDataRab	Sum	erttbh, Sum

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			<p>within the ROP period for number of the active packet data RABs for each PDR PVC link. Increased at every occasion when the corresponding Sum counter is increased, sampled once every 30 seconds.</p>			
pmSumPacketDataRab	ACCUMULATION	INT8	<p>Sum of all sample values recorded for number of the active packet data RABs (per PDR PVC link), sampled once every 30 seconds.</p>	ME_RNC_IpEthPDR.pmSumPacketDataRab	Sum	erttbh, Sum

7.37 IpHostLink Performance Indicators

This section shows the key performance indicators and other counters for the IpHostLink object, divided into the following sub-sections:

- [IpHostLink.Ericsson.UMTS.IpHostLink](#)

7.37.1 IpHostLink.Ericsson.UMTS.IpHostLink

Internet Protocol over Gigabit Ethernet statistics

KPI	Type	Data Type	Description	Derivation	Default Aggregator	Other Aggregators
pmNoOfIfInDiscards	ACCUMULATION	INT8	Number of input packets discarded due to resource limitations.	RNC_IPHostLink.pmNoOfIfInDiscards or NODEB_IPHostLink.pmNoOfIfInDiscards or RXI_IPHostLink.pmNoOfIfInDiscards	Sum	Sum
pmNoOfIfInErrors	ACCUMULATION	INT8	Number of input packets discarded due to any error.	RNC_IPHostLink.pmNoOfIfInErrors or NODEB_IPHostLink.pmNoOfIfInErrors or RXI_IPHostLink.pmNoOfIfInErrors	Sum	Sum
pmNoOfIfInNUcastPkts	ACCUMULATION	INT8	Number of input broadcast or multicast packets delivered to higher layer.	RNC_IPHostLink.pmNoOfIfInNUcastPkts or NODEB_IPHostLink.pmNoOfIfInNUcastPkts or RXI_IPHostLink.pmNoOfIfInNUcastPkts	Sum	Sum

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pmNoOfIfInUcastPkts	ACCUMULATION	INT8	Number of input unicast packets delivered to higher layer.	RNC_IPHostLink.pmNoOfIfInUcastPkts or NODEB_IPHostLink.pmNoOfIfInUcastPkts or RXI_IPHostLink.pmNoOfIfInUcastPkts	Sum	Sum
pmNoOfIfOutDiscards	ACCUMULATION	INT8	Number of outbound packets discarded due to resource limitations.	RNC_IPHostLink.pmNoOfIfOutDiscards or NODEB_IPHostLink.pmNoOfIfOutDiscards or RXI_IPHostLink.pmNoOfIfOutDiscards	Sum	Sum
pmNoOfIfOutNUcastPkts	ACCUMULATION	INT8	Number of transmitted outgoing broadcast or multicast packets.	RNC_IPHostLink.pmNoOfIfOutNUcastPkts or NODEB_IPHostLink.pmNoOfIfOutNUcastPkts or RXI_IPHostLink.pmNoOfIfOutNUcastPkts	Sum	Sum
pmNoOfIfOutUcastPkts	ACCUMULATION	INT8	Number of packets that higher-level protocols requested to be transmitted to a subnetwork-unicast address.	RNC_IPHostLink.pmNoOfIfOutUcastPkts or NODEB_IPHostLink.pmNoOfIfOutUcastPkts or RXI_IPHostLink.pmNoOfIfOutUcastPkts	Sum	Sum

7.38 Iu Performance Indicators

This section shows the key performance indicators and other counters for the Iu object, divided into the following sub-sections:

- [Iu.Ericsson.UMTS.Link_Messages](#)

7.38.1 Iu.Ericsson.UMTS.Link_Messages

Iu Link statistics

KPI	Type	Data Type	Description	Derivation	Default Aggregator	Other Aggregators
pmInFrames	ACCUMULATION	INTEGER	Number of FP frames received over the Iucs link. The counter is stepped for each frame protocol frame that is received per Iucs link. This counter is stepped regardless of whether the underlying transport	ME_RNC_CNOPR_IuLink.pmInFrames	Sum	erttbh, Sum

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			network is IP or underlying transport network is IP or ATM.			
pmInLostFrames	ACCUMULATION	INTEGER	Number of FP frames lost over the Iucs link in the received direction. The counter is stepped for each frame protocol frame that is lost in the received direction per Iucs link, when the Iucs is over IP.	ME_RNC_CNOPR_IuLink.pmInLostFrames	Sum	erttbh, Sum
pmInOutOfSequenceFrames	ACCUMULATION	INTEGER	Number of out-of-sequence FP frames	ME_RNC_CNOPR_IuLink.pmInOutOfSequenceFrames	Sum	erttbh, Sum

		<p>received per Iucs link. The counter is stepped for each out-of-sequenc e frame protocol frame that is received per Iucs link. This counter is stepped only when the underlyi ng transpor t network is IP. A frame is consider ed to be out-of-sequenc e when frame_n (or less) arrives after frame_n</p>			
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			+1.			
pmOutFrames	ACCUMULATION	INTEGER	Number of FP frames sent over the Iucs link. The counter is stepped for each frame protocol frame that is sent per Iucs link. This counter is stepped regardless of whether the underlying transport network is IP or ATM.	ME_RNC_CNOPR_IuLink.pmOutFrames	Sum	erttbh, Sum

7.39 Iub Performance Indicators

This section shows the key performance indicators and other counters for the Iub object, divided into the following sub-sections:

- [Iub.Ericsson.UMTS.Iub_Link](#)
- [Iub.Ericsson.UMTS.Link_Availability](#)
- [Iub.Ericsson.UMTS.Link_Credits](#)
- [Iub.Ericsson.UMTS.Link_Messages](#)

- [Iub.Ericsson.UMTS.PDF_pmDICredits](#)
- [Iub.Ericsson.UMTS.PDF_pmTnAdmUsedBandwidthDI](#)
- [Iub.Ericsson.UMTS.PDF_pmUICredits](#)

7.39.1 Iub.Ericsson.UMTS.Iub_Link

Iub link statistics

KPI	Type	Data Type	Description	Derivation	Default Aggregator	Other Aggregators
pmNoOfDiscardedMsg	ACCUMULATION	INTEGER	The number of discarded messages for each GP.	ManagedElement_NodeBFunction_Iub.pmNoOfDiscardedMsg	Sum	erttbh, Sum
pmTotalTimeIubLinkCongestedUI	ACCUMULATION	INTEGER	The time in seconds that the Iub link is congested for the NBAP Comm on part of the control plane in the uplink direction.	ManagedElement_NodeBFunction_Iub.pmTotalTimeIubLinkCongestedUI	Sum	erttbh, Sum

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7.39.2 Iub.Ericsson.UMTS.Link_Availability

Iublink availability statistics

KPI	Type	Data Type	Description	Derivation	Default Aggregator	Other Aggregators
pmHsSevereCong	ACCUMULATION	INTEGER	This counter counts the number of severe congestion occurrences detected by the -CAPACITY ALLOCATION Presence Supervision-function in RNC. This is done per Iub/Iur interface. A CAPACITY ALLOCATION control frame is expected at least every one second from RBS per flow	ME_RNC_IubLink.pmHsSevereCong	Sum	erttbh, Sum

			controlled HS flow. If a CA has not been received for a longer period of time, an HS Severe Congestion is detected. These interface counters shall normally be zero.			
pmTotalTimeIubLinkCongestedDl	ACCUMULATION	INTEGER	The time in seconds that the Iub link is congested on the NBAP Common part of the control plane.	ME_RNC_IubLink.pmTotalTimeIubLinkCongestedDl	Sum	erttbh, Sum
pmTotalTimeIubLinkUnavail	ACCUMULATION	INTEGER	The time in seconds that the Iub link	ME_RNC_IubLink.pmTotalTimeIubLinkUnavail	Sum	erttbh, Sum

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			is unavailable for the NBAP Common part of the control plane, due to network or node internal problems.		
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7.39.3 Iub.Ericsson.UMTS.Link_Credits

UL DL Link Credit statistics

KPI	Type	Data Type	Description	Derivation	Default Aggregator	Other Aggregators
pmDICredits_Avg	INTENSITY	FLOAT	The average consumed RBS DL credits, as a percentage.	ME_RNC_IubLink.p mDICredits_Avg	Average	Average, erttbh, Maximum, Minimum, Sum
pmDICredits_Max	INTENSITY	FLOAT	The maximum consumed RBS DL credits, as a percentage.	ME_RNC_IubLink.p mDICredits_Max	Constant	Average, erttbh, Maximum, Minimum, Sum
pmDICredits_Min	INTENSITY	FLOAT	The minimum consumed RBS DL credits, as a percentage.	ME_RNC_IubLink.p mDICredits_Min	Minimum	Average, erttbh, Maximum, Minimum, Sum
pmSamplesDL Credits	ACCUMULATION	INTEGER	Number of samples in pmSumDICredit	ME_RNC_IubLink.p mSamplesDICredits	Sum	erttbh, Sum

			s (that is, pmSamplesDICredits = pmSamplesDICredits + 1, whenever pmSumDICredits is to be updated).			
pmSamplesUICredits	ACCUMULATION	INTEGER	Number of samples in pmSumUICredits (that is, pmSamplesUICredits = pmSamplesUICredits + 1, whenever pmSumUICredits is to be updated).	ME_RNC_IubLink.p mSamplesUICredits	Sum	erttbh, Sum
pmSumDICredits	ACCUMULATION	INTEGER	Aggregate of total consumed RBS DL credit measurements (in credits).	ME_RNC_IubLink.p mSumDICredits	Sum	erttbh, Sum
pmSumSqrDICredits	ACCUMULATION	INTEGER	Aggregate of the squares of the individual measurements in pmSumDICredits (that is, pmSumSqrDICredits = pmSumSqrDICredits + measurement_value^2).	ME_RNC_IubLink.p mSumSqrDICredits	Sum	erttbh, Sum

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pmSumSqrUICredits	ACCUMULATION	INTEGER	Aggregate of the squares of the individual measurements in pmSumUICredits (that is, pmSumSqrUICredits = pmSumSqrUICredits + measurement_value^2).	ME_RNC_IubLink.p mSumSqrUICredits	Sum	erttbh, Sum
pmSumUICredits	ACCUMULATION	INTEGER	Aggregate of total consumed RBS UL credit measurements (in credits).	ME_RNC_IubLink.p mSumUICredits	Sum	erttbh, Sum
pmUICredits_Avg	INTENSITY	FLOAT	The average consumed RBS UL credits, as a percentage.	ME_RNC_IubLink.p mUICredits_Avg	Average	Average, erttbh, Maximum, Minimum, Sum
pmUICredits_Max	INTENSITY	FLOAT	The maximum consumed RBS UL credits, as a percentage.	ME_RNC_IubLink.p mUICredits_Max	Constant	Average, erttbh, Maximum, Minimum, Sum
pmUICredits_Min	INTENSITY	FLOAT	The minimum consumed RBS UL credits, as a percentage.	ME_RNC_IubLink.p mUICredits_Min	Minimum	Average, erttbh, Maximum, Minimum, Sum

7.39.4 Iub.Ericsson.UMTS.Link_Messages

Iub link statistics.

KPI	Type	Data Type	Description	Derivation	Default	Other Aggre
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					Aggregator	gators
pmDchFramesOutOfSequenceUI	ACCUMULATION	INTEGER	The number of Iur DCH Frame Protocol frames received out-of-sequence in the uplink direction in SRNC.	ME_RNC_IubLink.pmDchFramesOutOfSequenceUI	Sum	erttbh, Sum
pmNoMtchTimingAdjContrFrames	ACCUMULATION	INTEGER	Number of received downlink timing adjustment control frames for MTCH FACH is counted to provide observability for RBSes where synchronization for MBMS can not be provided. A counter value of 0 means that no frames arrive too late or too early. A moderate counter value (1-approximately 200) indicates frames	ME_RNC_IubLink.pmNoMtchTimingAdjContrFrames	Sum	erttbh, Sum

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			occasionally arrive too late or too early. This indicates problems with high delay variation in the transport network. A modification of the iubTransport DelayOffset (DTO) value for MTCH frame synchronization may be required. A very high value (close to 900) probably points at a problem with network synchronization.			
pmNoOfDiscardedNbapcMessages	ACCUMULATION	INTEGER	Number of NBAP Common messages rejected by Admission Control due to L2 signaling bearer congestion.	ME_RNC_IubLink.pmNoOfDiscardedNbapcMessages	Sum	erttbh, Sum

7.39.5 lub.Ericsson.UMTS.PDF_pmDICredits

pmDICredits PDF counters

KPI	Type	Data Type	Description	Derivation	Default Aggregator	Other Aggregators
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pmDICredits_0	ACCUMULATION	INTEGER	Total consumed RBS DL credits.	ME_RNC_IubLink.p mDICredits_0	Sum	
pmDICredits_1	ACCUMULATION	INTEGER	Total consumed RBS DL credits.	ME_RNC_IubLink.p mDICredits_1	Sum	
pmDICredits_2	ACCUMULATION	INTEGER	Total consumed RBS DL credits.	ME_RNC_IubLink.p mDICredits_2	Sum	
pmDICredits_3	ACCUMULATION	INTEGER	Total consumed RBS DL credits.	ME_RNC_IubLink.p mDICredits_3	Sum	
pmDICredits_4	ACCUMULATION	INTEGER	Total consumed RBS DL credits.	ME_RNC_IubLink.p mDICredits_4	Sum	
pmDICredits_5	ACCUMULATION	INTEGER	Total consumed RBS DL credits.	ME_RNC_IubLink.p mDICredits_5	Sum	
pmDICredits_6	ACCUMULATION	INTEGER	Total consumed RBS DL credits.	ME_RNC_IubLink.p mDICredits_6	Sum	
pmDICredits_7	ACCUMULATION	INTEGER	Total consumed RBS DL credits.	ME_RNC_IubLink.p mDICredits_7	Sum	
pmDICredits_8	ACCUMULATION	INTEGER	Total consumed RBS DL credits.	ME_RNC_IubLink.p mDICredits_8	Sum	

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pmDICredits_9	ACCUMULATION	INTEGER	Total consumed RBS DL credits.	ME_RNC_IubLink.p mDICredits_9	Sum	
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7.39.6 Iub.Ericsson.UMTS.PDF_pmTnAdmUsedBandwidthDI

pmTnAdmUsedBandwidthDI PDF counters

KPI	Type	Data Type	Description	Derivation	Default Aggregator	Other Aggregators
pmTnAdmUsedBandwidthDI_0	ACCUMULATION	INTEGER	The total downlink bandwidth used by all GBR transport bearers, including overhead, expressed as a percentage of the bandwidth limit used by the Iub admission control feature (userPlaneGbrAdmBandwidthDI * (1 + userPlaneGbrAdmMarginDI)).	ME_RNC_IubLink.p TnAdmUsedBandwidthDI_0	Sum	
pmTnAdmUsedBandwidthDI_1	ACCUMULATION	INTEGER	The total downlink bandwidth used by all GBR transport bearers, including overhead, expressed as a percentage of the bandwidth limit used by the Iub admission control feature (userPlaneGbrAdmBandwidthDI * (1 + userPlaneGbrAdm	ME_RNC_IubLink.p TnAdmUsedBandwidthDI_1	Sum	

			MarginDl)).			
pmTnAdmUsedBandwidthDl_2	ACCUMULATION	INTEGER	The total downlink bandwidth used by all GBR transport bearers, including overhead, expressed as a percentage of the bandwidth limit used by the Iub admission control feature (userPlaneGbrAdmBandwidthDl * (1 + userPlaneGbrAdmMarginDl)).	ME_RNC_IubLink.pmTnAdmUsedBandwidthDl_2	Sum	
pmTnAdmUsedBandwidthDl_3	ACCUMULATION	INTEGER	The total downlink bandwidth used by all GBR transport bearers, including overhead, expressed as a percentage of the bandwidth limit used by the Iub admission control feature (userPlaneGbrAdmBandwidthDl * (1 + userPlaneGbrAdmMarginDl)).	ME_RNC_IubLink.pmTnAdmUsedBandwidthDl_3	Sum	
pmTnAdmUsedBandwidthDl_4	ACCUMULATION	INTEGER	The total downlink bandwidth used by all GBR transport bearers, including overhead, expressed as a	ME_RNC_IubLink.pmTnAdmUsedBandwidthDl_4	Sum	

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			percentage of the bandwidth limit used by the Iub admission control feature (userPlaneGbrAdmBandwidthDI * (1 + userPlaneGbrAdmMarginDI)).			
pmTnAdmUsedBandwidthDI_5	ACCUMULATION	INTEGER	The total downlink bandwidth used by all GBR transport bearers, including overhead, expressed as a percentage of the bandwidth limit used by the Iub admission control feature (userPlaneGbrAdmBandwidthDI * (1 + userPlaneGbrAdmMarginDI)).	ME_RNC_IubLink.pmTnAdmUsedBandwidthDI_5	Sum	
pmTnAdmUsedBandwidthDI_6	ACCUMULATION	INTEGER	The total downlink bandwidth used by all GBR transport bearers, including overhead, expressed as a percentage of the bandwidth limit used by the Iub admission control feature (userPlaneGbrAdmBandwidthDI * (1 + userPlaneGbrAdmMarginDI)).	ME_RNC_IubLink.pmTnAdmUsedBandwidthDI_6	Sum	
pmTnAdmUsedBandwidthUI_0	ACCUMULATION	INTEGER	The total uplink bandwidth used by	ME_RNC_IubLink.pmTnAdmUsedBandwidth	Sum	

			all GBR transport bearers, including overhead, expressed as a percentage of the bandwidth limit used by the Iub admission control feature (userPlaneGbrAdmBandwidthUI * (1 + userPlaneGbrAdmMarginUI)).	hUI_0		
pmTnAdmUsedBandwidthUI_1	ACCUMULATION	INTEGER	The total uplink bandwidth used by all GBR transport bearers, including overhead, expressed as a percentage of the bandwidth limit used by the Iub admission control feature (userPlaneGbrAdmBandwidthUI * (1 + userPlaneGbrAdmMarginUI)).	ME_RNC_IubLink.pmTnAdmUsedBandwidthUI_1	Sum	
pmTnAdmUsedBandwidthUI_2	ACCUMULATION	INTEGER	The total uplink bandwidth used by all GBR transport bearers, including overhead, expressed as a percentage of the bandwidth limit used by the Iub admission control	ME_RNC_IubLink.pmTnAdmUsedBandwidthUI_2	Sum	

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			feature (userPlaneGbrAdm BandwidthUI * (1 + userPlaneGbrAdm MarginUI)).			
pmTnAdmUsedB andwidthUI_3	ACCUMU LATION	INTE GER	The total uplink bandwidth used by all GBR transport bearers, including overhead, expressed as a percentage of the bandwidth limit used by the Iub admission control feature (userPlaneGbrAdm BandwidthUI * (1 + userPlaneGbrAdm MarginUI)).	ME_RNC_IubLink.pm TnAdmUsedBandwid hUI_3	Sum	
pmTnAdmUsedB andwidthUI_4	ACCUMU LATION	INTE GER	The total uplink bandwidth used by all GBR transport bearers, including overhead, expressed as a percentage of the bandwidth limit used by the Iub admission control feature (userPlaneGbrAdm BandwidthUI * (1 + userPlaneGbrAdm MarginUI)).	ME_RNC_IubLink.pm TnAdmUsedBandwid hUI_4	Sum	
pmTnAdmUsedB andwidthUI_5	ACCUMU LATION	INTE GER	The total uplink bandwidth used by all GBR transport bearers, including overhead, expressed as a	ME_RNC_IubLink.pm TnAdmUsedBandwid hUI_5	Sum	

			percentage of the bandwidth limit used by the Iub admission control feature (userPlaneGbrAdmBandwidthUI * (1 + userPlaneGbrAdmMarginUI)).			
pmTnAdmUsedBandwidthUI_6	ACCUMULATION	INTEGER	The total uplink bandwidth used by all GBR transport bearers, including overhead, expressed as a percentage of the bandwidth limit used by the Iub admission control feature (userPlaneGbrAdmBandwidthUI * (1 + userPlaneGbrAdmMarginUI)).	ME_RNC_IubLink.pmTnAdmUsedBandwidthUI_6	Sum	

7.39.7 Iub.Ericsson.UMTS.PDF_pmUICredits

pmUICredits PDF counters

KPI	Type	Data Type	Description	Derivation	Default Aggregator	Other Aggregators
pmUICredits_0	ACCUMULATION	INTEGER	Total consumed RBS UL credits.	ME_RNC_IubLink.pmUICredits_0	Sum	
pmUICredits_1	ACCUMULATION	INTEGER	Total	ME_RNC_IubLink.p	Sum	

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	TION	ER	consumed RBS UL credits.	mUICredits_1		
pmUICredits_2	ACCUMULA TION	INTEG ER	Total consumed RBS UL credits.	ME_RNC_IubLink.p mUICredits_2	Sum	
pmUICredits_3	ACCUMULA TION	INTEG ER	Total consumed RBS UL credits.	ME_RNC_IubLink.p mUICredits_3	Sum	
pmUICredits_4	ACCUMULA TION	INTEG ER	Total consumed RBS UL credits.	ME_RNC_IubLink.p mUICredits_4	Sum	
pmUICredits_5	ACCUMULA TION	INTEG ER	Total consumed RBS UL credits.	ME_RNC_IubLink.p mUICredits_5	Sum	
pmUICredits_6	ACCUMULA TION	INTEG ER	Total consumed RBS UL credits.	ME_RNC_IubLink.p mUICredits_6	Sum	
pmUICredits_7	ACCUMULA TION	INTEG ER	Total consumed RBS UL credits.	ME_RNC_IubLink.p mUICredits_7	Sum	
pmUICredits_8	ACCUMULA TION	INTEG ER	Total consumed RBS UL credits.	ME_RNC_IubLink.p mUICredits_8	Sum	
pmUICredits_9	ACCUMULA TION	INTEG ER	Total consumed RBS UL credits.	ME_RNC_IubLink.p mUICredits_9	Sum	

7.40 IuBcLink Performance Indicators

This section shows the key performance indicators and other counters for the IuBcLink object, divided into the following sub-sections:

- [IuBcLink.Ericsson.UMTS.SABP](#)

7.40.1 IuBcLink.Ericsson.UMTS.SABP

IuBcLink SABP messages.

KPI	Type	Data Type	Description	Derivation	Default Aggregator	Other Aggregators
pmNoReceivedSapMsgs	ACCUMULATION	INTEGER	Number of received SABP messages.	ManagedElement_RncFunction_IuBcLink.pmNoReceivedSapMsgs	Sum	Average
pmNoRejectedTcpConnections	ACCUMULATION	INTEGER	Number of TCP sessions initiated by the CBC that have been rejected because sourceIpAddressValidation is set to TRUE and the source IP address is not equal to the value of cbcIpAddress.	ManagedElement_RncFunction_IuBcLink.pmNoRejectedTcpConnections	Sum	Average
pmNoSentSapMsgs	ACCUMULATION	INTEGER	Number of sent SABP messages.	ManagedElement_RncFunction_IuBcLink.pmNoSentSapMsgs	Sum	Average

7.41 IubEdch Performance Indicators

This section shows the key performance indicators and other counters for the IubEdch object, divided into the following sub-sections:

- [IubEdch.Ericsson.UMTS.Frame_Synchronisation](#)
- [IubEdch.Ericsson.UMTS.PDF_pmEdchDataFrameDelayIub](#)

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7.41.1 IubEdch.Ericsson.UMTS.Frame_Synchronisation

Frame synchronisation on IubEdch statistics.

KPI	Type	Data Type	Description	Derivation	Default Aggregator	Other Aggregators
pmEdchDataFrameDelayIub_Avg	INTENSITY	FLOAT	Average:Enhanced Uplink Iub dynamic delay measurement results. Unit: ms.	ME_RNC_IubLink_IubEdch.pmEdchDataFrameDelayIub_Avg	Average	Average, erttbh, Maximum, Minimum, Sum
pmEdchDataFrameDelayIub_Max	INTENSITY	INTEGER	Minimum:Enhanced Uplink Iub dynamic delay measurement results. Unit: ms.	ME_RNC_IubLink_IubEdch.pmEdchDataFrameDelayIub_Max	Average	Average, erttbh, Maximum, Minimum, Sum
pmEdchDataFrameDelayIub_Min	INTENSITY	INTEGER	Maximum:Enhanced Uplink Iub dynamic delay measurement results. Unit: ms.	ME_RNC_IubLink_IubEdch.pmEdchDataFrameDelayIub_Min	Average	Average, erttbh, Maximum, Minimum, Sum
pmEdchDataFramesLost	ACCUMULATION	INTEGER	Number of lost	ME_RNC_IubLink_IubEdch.pmEdchDataFramesL	Sum	erttbh, Sum

			E-DCH data frames.	ost		
pmEdchDataFrames Received	ACCUMULATION	INTEGER	Number of correctly received E-DCH data frames.	ME_RNC_IubLink_IubEdch.pmEdchDataFramesReceived	Sum	erttbh, Sum

7.41.2 IubEdch.Ericsson.UMTS.PDF_pmEdchDataFrameDelayIub

pmEdchDataFrameDelayIub PDF counters

KPI	Type	Data Type	Description	Derivation	Default Aggregator	Other Aggregators
pmEdchDataFrameDelayIub_0	ACCUMULATION	INTEGER	Enhanced Uplink Iub dynamic delay measurement results.	ME_RNC_IubLink_IubEdch.pmEdchDataFrameDelayIub_0	Sum	
pmEdchDataFrameDelayIub_10	ACCUMULATION	INTEGER	Enhanced Uplink Iub dynamic delay measurement results.	ME_RNC_IubLink_IubEdch.pmEdchDataFrameDelayIub_10	Sum	
pmEdchDataFrameDelayIub_11	ACCUMULATION	INTEGER	Enhanced Uplink Iub	ME_RNC_IubLink_IubEdch.pmEdchDataFrameDelayIub_11	Sum	

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			dynamic delay measurement results.			
pmEdchDataFrameDelayIub_12	ACCUMULATION	INTEGER	Enhanced Uplink Iub dynamic delay measurement results.	ME_RNC_IubLink_IubEdch.pmEdchDataFrameDelayIub_12	Sum	
pmEdchDataFrameDelayIub_13	ACCUMULATION	INTEGER	Enhanced Uplink Iub dynamic delay measurement results.	ME_RNC_IubLink_IubEdch.pmEdchDataFrameDelayIub_13	Sum	
pmEdchDataFrameDelayIub_14	ACCUMULATION	INTEGER	Enhanced Uplink Iub dynamic delay measurement results.	ME_RNC_IubLink_IubEdch.pmEdchDataFrameDelayIub_14	Sum	
pmEdchDataFrameDelayIub_15	ACCUMULATION	INTEGER	Enhanced Uplink Iub dynamic delay measurement results.	ME_RNC_IubLink_IubEdch.pmEdchDataFrameDelayIub_15	Sum	
pmEdchDataFrameDelayIub_1	ACCUMULATION	INTEGER	Enhanced Uplink Iub dynamic delay measurement	ME_RNC_IubLink_IubEdch.pmEdchDataFrameDelayIub_1	Sum	

			ment results.			
pmEdchDataFrame DelayIub_2	ACCUMULATION	INTEGER	Enhanced Uplink Iub dynamic delay measurement results.	ME_RNC_IubLink_IubEdch.pmEdchDataFrameDelayIub_2	Sum	
pmEdchDataFrame DelayIub_3	ACCUMULATION	INTEGER	Enhanced Uplink Iub dynamic delay measurement results.	ME_RNC_IubLink_IubEdch.pmEdchDataFrameDelayIub_3	Sum	
pmEdchDataFrame DelayIub_4	ACCUMULATION	INTEGER	Enhanced Uplink Iub dynamic delay measurement results.	ME_RNC_IubLink_IubEdch.pmEdchDataFrameDelayIub_4	Sum	
pmEdchDataFrame DelayIub_5	ACCUMULATION	INTEGER	Enhanced Uplink Iub dynamic delay measurement results.	ME_RNC_IubLink_IubEdch.pmEdchDataFrameDelayIub_5	Sum	
pmEdchDataFrame DelayIub_6	ACCUMULATION	INTEGER	Enhanced Uplink Iub dynamic	ME_RNC_IubLink_IubEdch.pmEdchDataFrameDelayIub_6	Sum	

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			delay measurement results.			
pmEdchDataFrameDelayIub_7	ACCUMULATION	INTEGER	Enhanced Uplink Iub dynamic delay measurement results.	ME_RNC_IubLink_IubEdch.pmEdchDataFrameDelayIub_7	Sum	
pmEdchDataFrameDelayIub_8	ACCUMULATION	INTEGER	Enhanced Uplink Iub dynamic delay measurement results.	ME_RNC_IubLink_IubEdch.pmEdchDataFrameDelayIub_8	Sum	
pmEdchDataFrameDelayIub_9	ACCUMULATION	INTEGER	Enhanced Uplink Iub dynamic delay measurement results.	ME_RNC_IubLink_IubEdch.pmEdchDataFrameDelayIub_9	Sum	

7.42 LAC Performance Indicators

This section shows the key performance indicators and other counters for the LAC object, divided into the following sub-sections:

- [LAC.Ericsson.UMTS.paging_counters](#)

7.42.1 LAC.Ericsson.UMTS.paging_counters

This group is also known as location_area.ericsson.umts.paging_counters.

KPI	Type	Data Type	Description	Derivation	Default Aggregator	Other Aggregators
-----	------	-----------	-------------	------------	--------------------	-------------------

pmcninitpagingto idleuela	ACCUMULA TION	IN T8	Number of CN- initiated pages sent to idle mode UEs (with CN identity specifie d in the RRC Paging Type 1 (messag e) in specifie d Locatio n Area (LA) (circuit- switche d pages).	ManagedElement_RncFunctio n_LocationArea.pmCnInitPagi ngToIdleUeLa	Sum	Average, Maximu m, Minimu m, Sum
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7.43 Load_Control_Unit Performance Indicators

This section shows the key performance indicators and other counters for the Load_Control_Unit object, divided into the following sub-sections:

- [Load_Control_Unit.Ericsson.UMTS.Load_Control](#)
- [Load_Control_Unit.Ericsson.UMTS.PDF_pmMeasuredLoad](#)

7.43.1 Load_Control_Unit.Ericsson.UMTS.Load_Control

UTRAN radio network controller processor load control unit.

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KPI	Type	Data Type	Description	Derivation	Default Aggregator	Other Aggregators
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pmAdmittedRequestsB0	ACCUMULATION	INTEGER	Number of admitted requests with priority B0.	RNC_PIU_GeneralProcess or Unit_LoadControl.pmAdmittedRequestsB0	Sum	erttbh, Sum
pmAdmittedRequestsB1	ACCUMULATION	INTEGER	Number of admitted requests with priority B1.	RNC_PIU_GeneralProcess or Unit_LoadControl.pmAdmittedRequestsB1	Sum	erttbh, Sum
pmAdmittedRequestsF0	ACCUMULATION	INTEGER	Number of admitted requests with priority F0.	RNC_PIU_GeneralProcess or Unit_LoadControl.pmAdmittedRequestsF0	Sum	erttbh, Sum
pmAdmittedRequestsF1	ACCUMULATION	INTEGER	Number of admitted requests with priority F1.	RNC_PIU_GeneralProcess or Unit_LoadControl.pmAdmittedRequestsF1	Sum	erttbh, Sum
pmAdmittedRequestsF2	ACCUMULATION	INTEGER	Number of admitted requests with	RNC_PIU_GeneralProcess or Unit_LoadControl.pmAdmittedRequestsF2	Sum	erttbh, Sum

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			priority F2.			
pmAdmittedRequestsF3	ACCUMULATION	INTEGER	Number of admitted requests with priority F3.	RNC_PIU_GeneralProcess or Unit_LoadControl.pmAdmittedRequestsF3	Sum	erttbh, Sum
pmAdmittedRequestsF4	ACCUMULATION	INTEGER	Number of admitted requests with priority F4.	RNC_PIU_GeneralProcess or Unit_LoadControl.pmAdmittedRequestsF4	Sum	erttbh, Sum
pmRefusedRequestsB0	ACCUMULATION	INTEGER	Number of refused Capacity requests at gate B0.	RNC_PIU_GeneralProcess or Unit_LoadControl.pmRefusedRequestsB0	Sum	erttbh, Sum
pmRefusedRequestsB1	ACCUMULATION	INTEGER	Number of refused Capacity requests at gate B1.	RNC_PIU_GeneralProcess or Unit_LoadControl.pmRefusedRequestsB1	Sum	erttbh, Sum
pmRefusedRequestsF0	ACCUMULATION	INTEGER	Number of refused Capacity requests at gate F0.	RNC_PIU_GeneralProcess or Unit_LoadControl.pmRefusedRequestsF0	Sum	erttbh, Sum

pmRefusedRequestsF1	ACCUMULATION	INTEGER	Number of refused Capacity requests at gate F1.	RNC_PIU_GeneralProcess orUnit_LoadControl.pmRefusedRequestsF1	Sum	erttbh, Sum
pmRefusedRequestsF2	ACCUMULATION	INTEGER	Number of refused Capacity requests at gate F2.	RNC_PIU_GeneralProcess orUnit_LoadControl.pmRefusedRequestsF2	Sum	erttbh, Sum
pmRefusedRequestsF3	ACCUMULATION	INTEGER	Number of refused Capacity requests at gate F3.	RNC_PIU_GeneralProcess orUnit_LoadControl.pmRefusedRequestsF3	Sum	erttbh, Sum
pmRefusedRequestsF4	ACCUMULATION	INTEGER	Number of refused Capacity requests at gate F4.	RNC_PIU_GeneralProcess orUnit_LoadControl.pmRefusedRequestsF4	Sum	erttbh, Sum
pmSamplesMeasuredLoad	ACCUMULATION	INTEGER	This counter is incremented by 1 at	RNC_PIU_GeneralProcess orUnit_LoadControl.pmSamplesMeasuredLoad	Sum	erttbh, Sum

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			every sample of the process or load. The process or load is sampled once every 30 seconds.			
pmSumMeasuredLoad	ACCUMULATION	INTEGER	The sum of samples of the measured load. The load is measured in percentage.	RNC_PIU_GeneralProcessorUnit_LoadControl.pmSumMeasuredLoad	Sum	erttbh, Sum

7.43.2 Load_Control_Unit.Ericsson.UMTS.PDF_pmMeasuredLoad

pmMeasuredLoad PDF counters

KPI	Type	Data Type	Description	Derivation	Default Aggregator	Other Aggregators
pmMeasuredLoad_0	ACCUMULATION	INTEGER	Processor load.	RNC_PIU_GeneralProcessorUnit_LoadControl.pmMeasuredLoad_0	Sum	
pmMeasuredLoad_1	ACCUMULATION	INTEGER	Processor load.	RNC_PIU_GeneralProcessorUnit_LoadControl.pmMeasuredLoad_1	Sum	
pmMeasuredLoad_2	ACCUMULATION	INTEGER	Processor load.	RNC_PIU_GeneralProcessorUnit_LoadControl.	Sum	

				pmMeasuredLoad_2		
pmMeasuredLoad_3	ACCUMULATION	INTEGER	Processor load.	RNC_PIU_GeneralProcessorUnit_LoadControl. pmMeasuredLoad_3	Sum	
pmMeasuredLoad_4	ACCUMULATION	INTEGER	Processor load.	RNC_PIU_GeneralProcessorUnit_LoadControl. pmMeasuredLoad_4	Sum	
pmMeasuredLoad_5	ACCUMULATION	INTEGER	Processor load.	RNC_PIU_GeneralProcessorUnit_LoadControl. pmMeasuredLoad_5	Sum	
pmMeasuredLoad_6	ACCUMULATION	INTEGER	Processor load.	RNC_PIU_GeneralProcessorUnit_LoadControl. pmMeasuredLoad_6	Sum	
pmMeasuredLoad_7	ACCUMULATION	INTEGER	Processor load.	RNC_PIU_GeneralProcessorUnit_LoadControl. pmMeasuredLoad_7	Sum	

7.44 M3UA Performance Indicators

This section shows the key performance indicators and other counters for the M3UA object, divided into the following sub-sections:

- [M3UA.Ericsson.UMTS.M3UA](#)

7.44.1 M3UA.Ericsson.UMTS.M3UA

Sigtran-MTP3 User association layer statistics.

KPI	Type	Data Type	Description	Derivation	Default Aggregator	Other Aggregators
pmNoOfAspacAck Received	ACCUMULATION	INTEGER	The number of Application Server Process	ME_TN_Mtp3bSpItu_M3uAssociation.pmNoOfAspacAck Received	Sum	erttbh, Sum

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			(ASP) Active Acknowledgements (ASPAC ACK) received.			
pmNoOfAspacAck Sent	ACCUMULATION	INTEGER	The number of Application Server Process (ASP) Active Acknowledgements (ASPAC ACK) sent.	ME_TN_Mtp3bSpItu_M3uAssociation.pmNoOfAspacAck Sent	Sum	erttbh, Sum
pmNoOfAspacReceived	ACCUMULATION	INTEGER	The number of Application Server Process (ASP) Active (ASPACs) received.	ME_TN_Mtp3bSpItu_M3uAssociation.pmNoOfAspacReceived	Sum	erttbh, Sum
pmNoOfAspacSent	ACCUMULATION	INTEGER	The number of Application Server Process (ASP) Active (ASPACs) sent.	ME_TN_Mtp3bSpItu_M3uAssociation.pmNoOfAspacSent	Sum	erttbh, Sum
pmNoOfAspdnAck Received	ACCUMULATION	INTEGER	The number of Application Server Process (ASP) Down	ME_TN_Mtp3bSpItu_M3uAssociation.pmNoOfAspdnAck Received	Sum	erttbh, Sum

			Acknowledgement (ASPDN ACKs) received.			
pmNoOfAspdnAck Sent	ACCUMULATION	INTEGER	The number of Application Server Process (ASP) Down Acknowledgement (ASPDN ACKs) sent.	ME_TN_Mtp3bSpItu_M3uAssociation.pmNoOfAspdnAck Sent	Sum	erttbh, Sum
pmNoOfAspdnReceived	ACCUMULATION	INTEGER	The number of Application Server Process (ASP) Down (ASPDNs) received.	ME_TN_Mtp3bSpItu_M3uAssociation.pmNoOfAspdnReceived	Sum	erttbh, Sum
pmNoOfAspdnSent	ACCUMULATION	INTEGER	The number of Application Server Process (ASP) Down (ASPDNs) sent.	ME_TN_Mtp3bSpItu_M3uAssociation.pmNoOfAspdnSent	Sum	erttbh, Sum
pmNoOfAspiaAck Received	ACCUMULATION	INTEGER	The number of Application	ME_TN_Mtp3bSpItu_M3uAssociation.pmNoOfAspiaAck Received	Sum	erttbh, Sum

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			n Server Process (ASP) Inactive Acknowledgements (ASPIA ACK) received.			
pmNoOfAspiaAck Sent	ACCUMULATION	INTEGER	The number of Application Server Process (ASP) Inactive Acknowledgements (ASPIA ACK) received.	ME_TN_Mtp3bSpItu_M3uAssociation.pmNoOfAspiaAck Sent	Sum	erttbh, Sum
pmNoOfAspiaReceived	ACCUMULATION	INTEGER	The number of Application Server Process (ASP) Inactive (ASPIAs) received.	ME_TN_Mtp3bSpItu_M3uAssociation.pmNoOfAspiaReceived	Sum	erttbh, Sum
pmNoOfAspiaSent	ACCUMULATION	INTEGER	The number of Application Server Process (ASP) Inactive (ASPIAs) sent.	ME_TN_Mtp3bSpItu_M3uAssociation.pmNoOfAspiaSent	Sum	erttbh, Sum
pmNoOfAspupAck Received	ACCUMULATION	INTEGER	The number of Application Server	ME_TN_Mtp3bSpItu_M3uAssociation.pmNoOfAspupAck Received	Sum	erttbh, Sum

			Process (ASP) Up Acknowledgements (ASPUP ACK) received.			
pmNoOfAspupAck Sent	ACCUMULATION	INTEGER	The number of Application Server Process (ASP) Up Acknowledgements (ASPUP ACK) sent.	ME_TN_Mtp3bSpItu_M3uAssociation.pmNoOfAspupAck Sent	Sum	erttbh, Sum
pmNoOfAspupReceived	ACCUMULATION	INTEGER	The number of Application Server Process (ASP) Up (ASPUPs) received.	ME_TN_Mtp3bSpItu_M3uAssociation.pmNoOfAspupReceived	Sum	erttbh, Sum
pmNoOfAspupSent	ACCUMULATION	INTEGER	The number of Application Server Process (ASP) Up (ASPUPs) sent.	ME_TN_Mtp3bSpItu_M3uAssociation.pmNoOfAspupSent	Sum	erttbh, Sum
pmNoOfCommunicationLost	ACCUMULATION	INTEGER	Number of communication losses. Note!	ME_TN_Mtp3bSpItu_M3uAssociation.pmNoOfCommunicationLost	Sum	erttbh, Sum

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			Stepped also for each failed associate attempt			
pmNoOfCongestions	ACCUMULATION	INTEGER	Number of congestions.	ME_TN_Mtp3bSpItu_M3uAssociation.pmNoOfCongestions	Sum	erttbh, Sum
pmNoOfDataMsgRec	ACCUMULATION	INTEGER	Number of payload data (DATA) messages received through the association	ME_TN_Mtp3bSpItu_M3uAssociation.pmNoOfDataMsgRec	Sum	erttbh, Sum
pmNoOfDataMsgSent	ACCUMULATION	INTEGER	The number of DATA messages sent on the associations related to this signalling point.	ME_TN_Mtp3bSpItu_M3uAssociation.pmNoOfDataMsgSent	Sum	erttbh, Sum
pmNoOfDaudMsgRec	ACCUMULATION	INTEGER	The number of Destination State Audit (DAUD) messages received on the associations related to this signalling point.	ME_TN_Mtp3bSpItu_M3uAssociation.pmNoOfDaudMsgRec	Sum	erttbh, Sum
pmNoOfDaudMsgSent	ACCUMULATION	INTEGER	The number of	ME_TN_Mtp3bSpItu_M3uAssociation.pmNoOfDaudMsg	Sum	erttbh, Sum

			Destination State Audit (DAUD) messages sent on the associations related to this signalling point.	Sent		
pmNoOfDavaRec	ACCUMULATION	INTEGER	Number of Destination Available (DAVA) messages received through the association.	ME_TN_Mtp3bSpItu_M3uAssociation.pmNoOfDavaRec	Sum	erttbh, Sum
pmNoOfDavaSent	ACCUMULATION	INTEGER	Number of Destination Available (DAVA) messages sent through the association.	ME_TN_Mtp3bSpItu_M3uAssociation.pmNoOfDavaSent	Sum	erttbh, Sum
pmNoOfDunaRec	ACCUMULATION	INTEGER	Number of Destination Unavailable (DUNA) messages	ME_TN_Mtp3bSpItu_M3uAssociation.pmNoOfDunaRec	Sum	erttbh, Sum

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			received through the association			
pmNoOfDunaSent	ACCUMULATION	INTEGER	Number of Destination Unavailable (DUNA) messages sent through the association .	ME_TN_Mtp3bSpItu_M3uAssociation.pmNoOfDunaSent	Sum	erttbh, Sum
pmNoOfDupuRec	ACCUMULATION	INTEGER	Number of Destination User Part Unavailable (DUPU) messages received through the association .	ME_TN_Mtp3bSpItu_M3uAssociation.pmNoOfDupuRec	Sum	erttbh, Sum
pmNoOfDupuSent	ACCUMULATION	INTEGER	Number of Destination User Part Unavailable (DUPU) messages sent through the association .	ME_TN_Mtp3bSpItu_M3uAssociation.pmNoOfDupuSent	Sum	erttbh, Sum
pmNoOfErrorMsg Rec	ACCUMULATION	INTEGER	Number of ERROR messages received through the	ME_TN_Mtp3bSpItu_M3uAssociation.pmNoOfErrorMsg Rec	Sum	erttbh, Sum

			association .			
pmNoOfErrorMsgSent	ACCUMULATION	INTEGER	Number of ERROR messages sent through the association .	ME_TN_Mtp3bSpItu_M3uAssociation.pmNoOfErrorMsgSent	Sum	erttbh, Sum
pmNoOfM3uaDataMsgDiscarded	ACCUMULATION	INTEGER	The number of DATA messages discarded.	ME_TN_Mtp3bSpItu_M3uAssociation.pmNoOfM3uaDataMsgDiscarded	Sum	erttbh, Sum
pmNoOfNotifyMsgRec	ACCUMULATION	INTEGER	Number of NOTIFY messages received through the association .	ME_TN_Mtp3bSpItu_M3uAssociation.pmNoOfNotifyMsgRec	Sum	erttbh, Sum
pmNoOfRecUserData	ACCUMULATION	INTEGER	Number of octets received, including protocol overhead and management messages.	ME_TN_Mtp3bSpItu_M3uAssociation.pmNoOfRecUserData	Sum	erttbh, Sum
pmNoOfSconRec	ACCUMULATION	INTEGER	Number of Signalling Congestion (SCON) messages	ME_TN_Mtp3bSpItu_M3uAssociation.pmNoOfSconRec	Sum	erttbh, Sum

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			received through the association .			
pmNoOfSconSent	ACCUMULATION	INTEGER	Number of Signalling Congestion (SCON) messages sent through the association .	ME_TN_Mtp3bSpItu_M3uAssociation.pmNoOfSconSent	Sum	erttbh, Sum
pmNoOfSentUserData	ACCUMULATION	INTEGER	Number of octets sent, including protocol overhead and management messages.	ME_TN_Mtp3bSpItu_M3uAssociation.pmNoOfSentUserData	Sum	erttbh, Sum

7.45 Mbms Performance Indicators

This section shows the key performance indicators and other counters for the Mbms object, divided into the following sub-sections:

- [Mbms.Ericsson.UMTS.RLC_Statistics](#)

7.45.1 Mbms.Ericsson.UMTS.RLC_Statistics

Mbms RLC related statistics

KPI	Type	Data Type	Description	Derivation	Default Aggregator	Other Aggregators
pmNoDiscardSduMtch128	ACCUMULATION	INTEGER	Number of discarded RLC SDUs on	ME_RNC_Mbms.pmNoDiscardSduMtch128	Sum	erttbh, Sum

			MTCH 129.6 kbps.			
pmNoDiscardSdu Mtch256	ACCUMULATION	INTEGER	Number of discarde d RLC SDUs on MTCH 259.2 kbps.	ME_RNC_Mbms.pmNo DiscardSduMtch256	Sum	erttbh, Sum
pmNoDiscardSdu Mtch64	ACCUMULATION	INTEGER	Number of discarde d RLC SDUs on MTCH 64.8kbps .	ME_RNC_Mbms.pmNo DiscardSduMtch64	Sum	erttbh, Sum

7.46 Medium_Access_Unit Performance Indicators

This section shows the key performance indicators and other counters for the Medium_Access_Unit object, divided into the following sub-sections:

- [Medium_Access_Unit.Ericsson.UMTS.Medium_Access](#)

7.46.1 Medium_Access_Unit.Ericsson.UMTS.Medium_Access

UTRAN IP link.

KPI	Type	Data Type	Description	Derivation	Default Aggregator	Other Aggregators
pmNoOfDot3StatsFCSErrors	ACCUMULATION	INT8	Number of frames that did	NODEB_Processor_Load. pmNoOfDot3StatsFCSErrors or RXI_Processor_Load.pm	Sum	erttbh, Sum

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			not pass the FCS check.	NoOfDot3StatsFCSErrors or RNC_Processor_Load.pmNoOfDot3StatsFCSErrors or NODEB_CBU_Processor_Load.pmNoOfDot3StatsFCSErrors or RXI_CBU_Processor_Load.pmNoOfDot3StatsFCSErrors or RNC_CBU_Processor_Load.pmNoOfDot3StatsFCSErrors		
pmNoOfDot3StatsLateCollisions	ACCUMULATION	INT8	Number of times that a collision was detected on the Interface after the minimum length of a frame.	NODEB_Processor_Load.pmNoOfDot3StatsLateCollisions or RXI_Processor_Load.pmNoOfDot3StatsLateCollisions or RNC_Processor_Load.pmNoOfDot3StatsLateCollisions or NODEB_CBU_Processor_Load.pmNoOfDot3StatsLateCollisions or RXI_CBU_Processor_Load.pmNoOfDot3StatsLateCollisions or RNC_CBU_Processor_Load.pmNoOfDot3StatsLateCollisions	Sum	erttbh, Sum

7.47 MTP2_Tp Performance Indicators

This section shows the key performance indicators and other counters for the MTP2_Tp object, divided into the following sub-sections:

- [MTP2_Tp.Ericsson.UMTS.MTP](#)

7.47.1 MTP2_Tp.Ericsson.UMTS.MTP

UTRAN MTP signalling.

KPI	Type	Data	Description	Derivation	Default	Other
-----	------	------	-------------	------------	---------	-------

		Type	n		t Aggregator	Aggregators
pmLocalSIBTime	ACCUMULATION	INTEGER	Total time in local Status Indication Busy (SIB) Sending.	RNC_Mtp2tpItu.pmLocalSIBTime or NODEB_Mtp2tpItu.pmLocalSIBTime	Sum	erttbh, Sum
pmNoOfMSUReceived	ACCUMULATION	INT8	Number of Message Signal Units (MSU) received.	RNC_Mtp2tpItu.pmNoOfMSUReceived or NODEB_Mtp2tpItu.pmNoOfMSUReceived	Sum	erttbh, Sum
pmNoOfMSUTransmitted	ACCUMULATION	INT8	Number of Message Signal Units (MSUs) transmitted.	RNC_Mtp2tpItu.pmNoOfMSUTransmitted or NODEB_Mtp2tpItu.pmNoOfMSUTransmitted	Sum	erttbh, Sum
pmNoOfNacks	ACCUMULATION	INTEGER	Number of negative acknowledgments received.	RNC_Mtp2tpItu.pmNoOfNacks or NODEB_Mtp2tpItu.pmNoOfNacks	Sum	erttbh, Sum
pmNoOfReTransmittedOctets	ACCUMULATION	INT8	Number of retransmitted octets.	RNC_Mtp2tpItu.pmNoOfReTransmittedOctets or NODEB_Mtp2tpItu.pmNoOfReTransmittedOctets	Sum	erttbh, Sum
pmNoOfSendBufferOctets	ACCUMULATION	INT8	Number of octets in send buffer.	RNC_Mtp2tpItu.pmNoOfSendBufferOctets or NODEB_Mtp2tpItu.pmNoOfSendBufferOctets	Sum	erttbh, Sum
pmNoOfSIOSIFReceived	ACCUMULATION	INT8	Number of Signalling	RNC_Mtp2tpItu.pmNoOfSIOSIFReceived or	Sum	erttbh, Sum

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			Information Octet and Signalling Information Field (SIO & SIF) octets received.	NODEB_Mtp2tpItu.pmNoOfSIOSIFReceived		
pmNoOfSIOSIFTransmitted	ACCUMULATION	INT8	Number of Signalling Information Octets (SIO) and Signalling Information Field (SIF) octets transmitted.	RNC_Mtp2tpItu.pmNoOfSIOSIFTransmitted or NODEB_Mtp2tpItu.pmNoOfSIOSIFTransmitted	Sum	erttbh, Sum
pmNoOfStartedRBCongestion	ACCUMULATION	INTEGER	Number of started local Receive Buffer (RB) congestions.	RNC_Mtp2tpItu.pmNoOfStartedRBCongestion or NODEB_Mtp2tpItu.pmNoOfStartedRBCongestion	Sum	erttbh, Sum
pmNoOfSuReceivedInError	ACCUMULATION	INTEGER	Number of signal units (SU) received in error.	RNC_Mtp2tpItu.pmNoOfSuReceivedInError or NODEB_Mtp2tpItu.pmNoOfSuReceivedInError	Sum	erttbh, Sum
pmRemoteSIBTime	ACCUMULATION	INTEGER	Total time in remote status Indication Busy (SIB) Receiving.	RNC_Mtp2tpItu.pmRemoteSIBTime or NODEB_Mtp2tpItu.pmRemoteSIBTime	Sum	erttbh, Sum

7.48 MTP3B_AP Performance Indicators

This section shows the key performance indicators and other counters for the MTP3B_AP object, divided into the following sub-sections:

- [MTP3B_AP.Ericsson.UMTS.AP_MTP](#)

7.48.1 MTP3B_AP.Ericsson.UMTS.AP_MTP

UTRAN MTP Access Point.

KPI	Type	Data Type	Description	Derivation	Default Aggregator	Other Aggregators
pmNoOfAdjacentSPN otAccessible	ACCUMULATION	INT8	Number of Adjacent Signaling Points (SPs) that are not accessible via direct links.	ME_TN_Mtp3bSpItu_Mtp3bAp.pmNoOfAdjacentSPNNotAccessible	Sum	erttbh, Sum
pmNoOfUserPartUnavailRec	ACCUMULATION	INT8	Number of received User Part Unavailable messages.	ME_TN_Mtp3bSpItu_Mtp3bAp.pmNoOfUserPartUnavailRec	Sum	erttbh, Sum

7.49 MTP3B_SL Performance Indicators

This section shows the key performance indicators and other counters for the MTP3B_SL object, divided into the following sub-sections:

- [MTP3B_SL.Ericsson.UMTS.MTP](#)

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7.49.1 MTP3B_SL.Ericsson.UMTS.MTP

UTRAN MTP signaling.

KPI	Type	Data Type	Description	Derivation	Default Aggregator	Other Aggregators
pmNoOfAALINServiceInd	ACCUMULATION	INT8	Number of received link-in-service indications.	ME_TN_Mtp3bSpItu_Mtp3bSls_Mtp3bSIItu.pmNoOfAALINServiceInd	Sum	erttbh, Sum
pmNoOfAALOUTInd	ACCUMULATION	INT8	Number of received link-out-of-service indications.	ME_TN_Mtp3bSpItu_Mtp3bSls_Mtp3bSIItu.pmNoOfAALOUTInd	Sum	erttbh, Sum
pmNoOfCBDSent	ACCUMULATION	INT8	Number of sent Change Back Declaration (CBD) messages.	ME_TN_Mtp3bSpItu_Mtp3bSls_Mtp3bSIItu.pmNoOfCBDSent	Sum	erttbh, Sum
pmNoOfCOOXCOsent	ACCUMULATION	INT8	Number of sent Change Over Order (COO) or Extended Change	ME_TN_Mtp3bSpItu_Mtp3bSls_Mtp3bSIItu.pmNoOfCOOXCOsent	Sum	erttbh, Sum

			Over order (XCO) messages.			
pmNoOfLocalLinkCongestCeaseRec	ACCUMULATION	INT8	Number of local link congestion ceased primitives received.	ME_TN_Mtp3bSpItu_Mtp3bSls_Mtp3bSIItu.pmNoOfLocalLinkCongestCeaseRec	Sum	erttbh, Sum
pmNoOfLocalLinkCongestRec	ACCUMULATION	INT8	Number of local link-congestion primitives received.	ME_TN_Mtp3bSpItu_Mtp3bSls_Mtp3bSIItu.pmNoOfLocalLinkCongestRec	Sum	erttbh, Sum
pmNoOfMSURec	ACCUMULATION	INT8	Number of received MSUs on this signaling link.	ME_TN_Mtp3bSpItu_Mtp3bSls_Mtp3bSIItu.pmNoOfMSURec	Sum	erttbh, Sum
pmNoOfMSUSent	ACCUMULATION	INT8	Number of sent MSUs	ME_TN_Mtp3bSpItu_Mtp3bSls_Mtp3bSIItu.pmNoOfMSUSent	Sum	erttbh, Sum

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			on this signaling link.		
pmNoOfRecUserData	ACCUMULATION	INT8	Number of octets received, including protocol overhead and management messages.	ME_TN_Mtp3bSpItu_Mtp3bSls_Mtp3bSIItu.pmNoOfRecUserData	Sum erttbh, Sum
pmNoOfSentUserData	ACCUMULATION	INT8	Number of octets sent, including protocol overhead and management messages.	ME_TN_Mtp3bSpItu_Mtp3bSls_Mtp3bSIItu.pmNoOfSentUserData	Sum erttbh, Sum

7.50 MTP3B_SP Performance Indicators

This section shows the key performance indicators and other counters for the MTP3B_SP object, divided into the following sub-sections:

- [MTP3B_SP.Ericsson.UMTS.MTP](#)

7.50.1 MTP3B_SP.Ericsson.UMTS.MTP

UTRAN MTP signaling.

KPI	Type	Data Type	Description	Derivation	Default Aggregator	Other Aggregators
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pmInStateDownWhenStateEstablishedIsBlocked	ACCUMULATION	INTEGER	Description not available	RNC_Mtp3bSpItu_Signaling.p mInStateDownWhenStateEstablishedIsBlocked	Sum	ertt bh, Sum
pmNoOfCBARec	ACCUMULATION	INT8	Number of received Change Back Acknowledgement (CBA) messages.	RNC_Mtp3bSpItu_Signaling.p mNoOfCBARec	Sum	ertt bh, Sum
pmNoOfCBASent	ACCUMULATION	INT8	Number of sent Change Back Acknowledgement (CBA) messages.	RNC_Mtp3bSpItu_Signaling.p mNoOfCBASent	Sum	ertt bh, Sum
pmNoOfChangeBackDeclRec	ACCUMULATION	INT8	Number of received Change Back Declarations (CBD) messages.	RNC_Mtp3bSpItu_Signaling.p mNoOfChangeBackDeclRec	Sum	ertt bh, Sum
pmNoOfChangeOverRec	ACCUMULATION	INT8	Number of Change Over (COO) order or Extended Change Over order messages (XCO) received.	RNC_Mtp3bSpItu_Signaling.p mNoOfChangeOverRec	Sum	ertt bh, Sum
pmNoOfCOAXCARec	ACCUMULATION	INT8	Number of received Changeover Order Acknowledgement (COA) or Extended Changeover Acknowledgement (XCA) messages.	RNC_Mtp3bSpItu_Signaling.p mNoOfCOAXCARec	Sum	ertt bh, Sum
pmNoOfCOAXCASent	ACCUMULATION	INT8	Number of sent Change Over Acknowledgement (COA) or Extended Changeover Acknowledgement (XCA) messages.	RNC_Mtp3bSpItu_Signaling.p mNoOfCOAXCASent	Sum	ertt bh, Sum
pmNoOfControlledRerouteSuccessPerf	ACCUMULATION	INT8	Number of successfully performed controlled reroutings.	RNC_Mtp3bSpItu_Signaling.p mNoOfControlledRerouteSuccessPerf	Sum	ertt bh, Sum
pmNoOfECARec	ACCUMULATION	INT8	Number of received ECA messages.	RNC_Mtp3bSpItu_Signaling.p mNoOfECARec	Sum	ertt bh, Sum

pmNoOfECASent	ACCUMULATION	INT8	Number of sent ECA messages.	RNC_Mtp3bSpItu_Signaling.p mNoOfECASent	Sum	errtbh, Sum
pmNoOfECOSent	ACCUMULATION	INT8	Number of sent ECO messages.	RNC_Mtp3bSpItu_Signaling.p mNoOfECOSent	Sum	errtbh, Sum
pmNoOfEmergencyChangeOverRec	ACCUMULATION	INT8	Number of received emergency changeOver orders (ECO) messages.	RNC_Mtp3bSpItu_Signaling.p mNoOfEmergencyChangeOver Rec	Sum	errtbh, Sum
pmNoOfForcedRerouteSuccessPerf	ACCUMULATION	INT8	Number of successfully performed forced reroutings.	RNC_Mtp3bSpItu_Signaling.p mNoOfForcedRerouteSuccessP erf	Sum	errtbh, Sum
pmNoOfInAssEstReqStDownStEstBl	ACCUMULATION	INT8	pmNoOfIncomingAssocEstabRequestInStateDownWhenStateEstabIsBl: The number of incoming requests for association establishment when the state on the association is -DOWN- and establishment of associations is blocked.	RNC_Mtp3bSpItu_Signaling.p mNoOfIncomingAssocEstabRe questInStateDownWhenStateEst abIsBlocked	Sum	errtbh, Sum
pmNoOfIncomingAssocEstabRequest	ACCUMULATION	INTEGER	Description not available	RNC_Mtp3bSpItu_Signaling.p mNoOfIncomingAssocEstabRe quest	Sum	errtbh, Sum
pmNoOfLowerPrioMsgDiscarded	ACCUMULATION	INT8	The number of messages with low priority that been discarded.	RNC_Mtp3bSpItu_Signaling.p mNoOfLowerPrioMsgDiscarde d	Sum	errtbh, Sum
pmNoOfMaxTr	ACC	IN	The number of times that	RNC_Mtp3bSpItu_Signaling.p	Su	errt

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ialsForAssocActivReached	UMU LATI ON	T8	the max limit for trying to activate an association has been reached.	mNoOfMaxTrialsForAssocActivReached	m	bh, Sum
pmNoOfMaxTrialsForAssocEstabReached	ACC UMU LATI ON	IN T8	The number of times that the max limit for trying to establish an association has been reached	RNC_Mtp3bSpItu_Signaling.p mNoOfMaxTrialsForAssocEstabReached	Sum	ertt bh, Sum
pmNoOfSctpAssociationRestart	ACC UMU LATI ON	IN T8	Number of Stream Control Transmission Protocol (SCTP) association restarts	RNC_Mtp3bSpItu_Signaling.p mNoOfSctpAssociationRestart	Sum	ertt bh, Sum
pmNoOfSctpBufOverflow	ACC UMU LATI ON	IN T8	Number of Stream Control Transmission Protocol (SCTP) stop sending data messages.	RNC_Mtp3bSpItu_Signaling.p mNoOfSctpBufOverflow	Sum	ertt bh, Sum
pmNoOfSctpCommunicationError	ACC UMU LATI ON	IN T8	Number of Stream Control Transmission Protocol (SCTP) communication error.	RNC_Mtp3bSpItu_Signaling.p mNoOfSctpCommunicationErr	Sum	ertt bh, Sum
pmNoOfSctpNetworkStatusChange	ACC UMU LATI ON	IN T8	Number of Stream Control Transmission Protocol (SCTP) network status change.	RNC_Mtp3bSpItu_Signaling.p mNoOfSctpNetworkStatusChange	Sum	ertt bh, Sum
pmNoOfSctpResumeSending	ACC UMU LATI ON	IN T8	Number of Stream Control Transmission Protocol (SCTP) resume sending data message.	RNC_Mtp3bSpItu_Signaling.p mNoOfSctpResumeSending	Sum	ertt bh, Sum
pmNoOfSctpSendFailure	ACC UMU LATI ON	IN T8	Number of Stream Control Transmission Protocol (SCTP) send failures.	RNC_Mtp3bSpItu_Signaling.p mNoOfSctpSendFailure	Sum	ertt bh, Sum
pmNoOfSLTAFirstTimeOutRec	ACC UMU LATI ON	IN T8	Number of Signalling Link Test Acknowledgement (SLTA) first time-out received.	RNC_Mtp3bSpItu_Signaling.p mNoOfSLTAFirstTimeOutRec	Sum	ertt bh, Sum
pmNoOfSLTASecondTimeOutRec	ACC UMU LATI ON	IN T8	Number of Signalling Link Test Acknowledgement (SLTA) second time-out	RNC_Mtp3bSpItu_Signaling.p mNoOfSLTASecondTimeOutRec	Sum	ertt bh, Sum

			received.		
pmNoOfSuccessAssocAbort	ACCUMULATION	INT8	The number of successful abortions of signalling associations.	RNC_Mtp3bSpItu_Signaling.p mNoOfSuccessAssocAbort	Sum errtbh, Sum
pmNoOfSuccessAssocEstablish	ACCUMULATION	INT8	Number of successful association establishments.	RNC_Mtp3bSpItu_Signaling.p mNoOfSuccessAssocEstablish	Sum errtbh, Sum
pmNoOfSuccessAssocShutDown	ACCUMULATION	INT8	-Obsolete in P5, Mtp3BspItu- The number of successful shutdowns of signalling associations.	RNC_Mtp3bSpItu_Signaling.p mNoOfSuccessAssocShutDown	Sum errtbh, Sum
pmNoOfTimerT21WasStarted	ACCUMULATION	INT8	The number of times an adjacent node has restarted.	RNC_Mtp3bSpItu_Signaling.p mNoOfTimerT21WasStarted	Sum errtbh, Sum
pmNoOfTRARec	ACCUMULATION	INT8	Number of received Traffic Restart Allowed (TRA) messages.	RNC_Mtp3bSpItu_Signaling.p mNoOfTRARec	Sum errtbh, Sum
pmNoOfTRASent	ACCUMULATION	INT8	Number of sent Traffic Restart Allowed (TRA) messages.	RNC_Mtp3bSpItu_Signaling.p mNoOfTRASent	Sum errtbh, Sum
pmNoOfUnsuccessfulAssocAbort	ACCUMULATION	INT8	The number of unsuccessful abortions of signalling associations	RNC_Mtp3bSpItu_Signaling.p mNoOfUnsuccessfulAssocAbort	Sum errtbh, Sum
pmNoOfUnsuccessfulAssocEstablish	ACCUMULATION	INT8	Number of unsuccessful association establishments.	RNC_Mtp3bSpItu_Signaling.p mNoOfUnsuccessfulAssocEstablish	Sum errtbh, Sum
pmNoOfUnsuccessfulAssocShut	ACCUMULATION	INT8	-Obsolete in P5, Mtp3BspItu- The number	RNC_Mtp3bSpItu_Signaling.p mNoOfUnsuccessfulAssocShutDo	Sum errtbh,

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Down	LATI ON		of unsuccessful shutdowns of signalling associations.	wn		Sum
pmNoOfUnsuccessControlledRerouting	ACCUMU LATION	INT8	Number of unsuccessfully performed controlled reroutings.	RNC_Mtp3bSpItu_Signaling.p mNoOfUnsuccessControlledRerouting	Sum	ertt bh, Sum
pmNoOfUnsuccessForcedRerouting	ACCUMU LATION	INT8	Number of unsuccessfully performed forced reroutings.	RNC_Mtp3bSpItu_Signaling.p mNoOfUnsuccessForcedRerouting	Sum	ertt bh, Sum
pmNoOfUPMsgDiscardedDueToRoutingErr	ACCUMU LATION	INT8	Number of user part (UP) messages (MTP_TRANSFER_req) discarded due to routing error.	RNC_Mtp3bSpItu_Signaling.p mNoOfUPMsgDiscardedDueToRoutingErr	Sum	ertt bh, Sum

7.51 MTP3B_SR Performance Indicators

This section shows the key performance indicators and other counters for the MTP3B_SR object, divided into the following sub-sections:

- [MTP3B_SR.Ericsson.UMTS.SR_MTP](#)

7.51.1 MTP3B_SR.Ericsson.UMTS.SR_MTP

UTRAN MTP signalling.

KPI	Type	Data Type	Description	Derivation	Default Aggregator	Other Aggregators
pmNoOfSecondsAccumulatedRouteUnavailable	ACCUMULATION	INT8	The number of seconds accumulated route unavailable.	ME_TN_Mtp3bSpItu_Mtp3bSrs_Mtp3bSr.p mNoOfSecondsAccumulatedRouteUnavailable	Sum	ertt bh, Sum

7.52 MTP3B_SRS Performance Indicators

This section shows the key performance indicators and other counters for the MTP3B_SRS object, divided into the following sub-sections:

- [MTP3B_SRS.Ericsson.UMTS.MTP](#)

7.52.1 MTP3B_SRS.Ericsson.UMTS.MTP

UTRAN MTP signalling.

KPI	Type	Data Type	Description	Derivation	Default Aggregator	Other Aggregators
pmNoOfDiscardedMsgFromBroadToNarrow	ACCUMULATION	INT8	A broadband message is larger than 272 octets and discarded, due to being too large for Narrowband.	ME_TN_Mtp3bSpItu_Mtp3bSrs.pmNoOfDiscardedMsgFromBroadToNarrow	Sum	erttbh, Sum
pmNoOfSecsAccRouteSetUnavailable	INTENSITY	INTEGER	Number of seconds	ME_TN_Mtp3bSpItu_Mtp3bSrs.pmNoOfSecsAccRouteSetUnavailable	Average	Average, erttbh,

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			s of route set unavailability accumulated during 30 minutes			Maximum, Minimum, Sum
pmNoOfTransferAllowedRec	ACCUMULATION	INT8	Number of received Transfer Allowed (TFA) messages.	ME_TN_Mtp3bSpItu_Mtp3bSrs.pmNoOfTransferAllowedRec	Sum	erttbh, Sum
pmNoOfTransferControlledRec	ACCUMULATION	INT8	Number of received Transfer Controlled (TFA) messages.	ME_TN_Mtp3bSpItu_Mtp3bSrs.pmNoOfTransferControlledRec	Sum	erttbh, Sum
pmNoOfTransferProhibitedRec	ACCUMULATION	INT8	Number of received Transfer Prohibited (TFA) messages.	ME_TN_Mtp3bSpItu_Mtp3bSrs.pmNoOfTransferProhibitedRec	Sum	erttbh, Sum

7.53 NBAPCommon Performance Indicators

This section shows the key performance indicators and other counters for the NBAPCommon object, divided into the following sub-sections:

- [NBAPCommon.Ericsson.UMTS.NBAP](#)

7.53.1 NBAPCommon.Ericsson.UMTS.NBAP

NBAP related message statistics.

KPI	Type	Data Type	Description	Derivation	Default Aggregator	Other Aggregators
pmNoOfDiscardedNbapMessages	ACCUMULATION	INTEGER	Number of NBAP: Radio Link Setup Messages reject by Admission Control due to UNI-SAAL congestion.	ManagedElement_RncFunction_NbapCommon.pmNoOfDiscardedNbapMessages	Sum	erttbh, Sum

7.54 Neighbour Performance Indicators

This section shows the key performance indicators and other counters for the Neighbour object, divided into the following sub-sections:

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- [Neighbour.Ericsson.UMTS.CN_Hard_Handover](#)
- [Neighbour.Ericsson.UMTS.Inter_frequency_handover_PS](#)
- [Neighbour.Ericsson.UMTS.Inter_frequency_handover](#)
- [Neighbour.Ericsson.UMTS.inter_radio_access_technology_cell_change_outgoing](#)
- [Neighbour.Ericsson.UMTS.inter_radio_access_technology_handover_outgoing](#)
- [Neighbour.Ericsson.UMTS.soft_softer_handover](#)

7.54.1 Neighbour.Ericsson.UMTS.CN_Hard_Handover

Core network hard handover statistics.

KPI	Type	Data Type	Description	Derivation	Default Aggregator	Other Aggregators
%_pmNoSuccOutCnhhoCsNonSpeech	PERCENTAGE	FLOAT	Percentage number of successful outgoing CN Hard Handover for a CS RAB. When there are more than one cell in AS, the counter is stepped in the best cell (other than speech). Stepped at RANAP Iu	100 * {pmNoSuccOutCnhhoCsNonSpeech}/ {pmNoAttOutCnhhoCsNonSpeech}	Average	Average, ecttbh

			Release Command with cause value -Successful Relocation- or -Normal Release-.			
%_pmNoSuccOutCnhhoSpeech	PERCENT AGE	FLO AT	Percentage number of successful outgoing CN Hard Handover for speech RAB. When there are more than one cell in AS, the counter is stepped in the best cell. Stepped at RANAP Iu Release Command	100 * {pmNoSuccOutCnhhoSpeech} / {pmNoAttOutCnhhoSpeech}	Average	Average, ecttbh

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			d with cause value -Success ful Relocati on- or -Normal Release-			
pmNoAttOutCnhhoCs NonSpeech	ACCUMU LATION	INTE GER	Number of attempts to perform an outgoing CN Hard Handove r for a CS RAB. When there are more than one cell in AS, the counter is stepped in the best cell (other than speech). Stepped when RRC Radio Bearer Reconfig uration, Physical Channel Reconfig	ManagedElement_RncFunc tion_UtranCell_UtranRelation .pmNoAttOutCnhhoCsNonS peech	Sum	ecttbh, Sum

			uration, Transport Channel Reconfig uration, Radio Bearer Setup or Radio Bearer Release is sent.			
pmNoAttOutCnhhoPs ConnRelease	ACCUMU LATION	INTE GER	Number of connecti on releases attempts due to that a CN HHO is needed. When there are more than one cell in AS, the counter is stepped in the best cell. Stepped when: For PS Only, when	ManagedElement_RncFunc tion_UtranCell_UtranRelation .pmNoAttOutCnhhoPsConn Release	Sum	ecttbh, Sum

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			Reconfiguration, Transport Channel Reconfiguration, Radio Bearer Setup or Radio Bearer Release is sent.			
pmNoAttOutLoadBasedCnhho	ACCUMULATION	INTEGER	Number of attempted outgoing CN Hard Handovers triggered by load.	ManagedElement_RncFunction_UtranCell_UtranRelation_pmNoAttOutLoadBasedCnhho	Sum	ecttbh, Sum
pmNoSuccOutCnhhoCsNonSpeech	ACCUMULATION	INTEGER	Number of successful outgoing CN Hard Handover for a CS RAB. When there are more than one cell in AS, the	ManagedElement_RncFunction_UtranCell_UtranRelation_pmNoSuccOutCnhhoCsNonSpeech	Sum	ecttbh, Sum

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			counter is stepped in the best cell (other than speech). Stepped at RANAP Iu Release Command with cause value -Successful Relocation- or -Normal Release-.			
pmNoSuccOutCnhhoSpeech	ACCUMULATION	INTEGER	Number of successful outgoing CN Hard Handover for speech RAB. When there are more than one cell in AS, the counter is stepped in the best cell. Stepped	ManagedElement_RncFunction_UtranCell_UtranRelation_pmNoSuccOutCnhhoSpeech	Sum	ecttbh, Sum

			at RANAP Iu Release Command with cause value -Successful Relocation- or -Normal Release-.			
pmNoSuccOutLoadBasedCnhho	ACCUMULATION	INTEGER	Number of successful outgoing CN Hard Handovers triggered by load.	ManagedElement_RncFunction_UtranCell_UtranRelation.pmNoSuccOutLoadBasedCnhho	Sum	ecttbh, Sum

7.54.2 Neighbour.Ericsson.UMTS.Inter_frequency_handover_PS

Hard handover success rate between frequencies in UtranCell for PS data.

KPI	Type	Data Type	Description	Derivation	Default Aggregator	Other Aggregators
pmAttNonBlindIfhoPsIntEul	ACCUMULATION	INTEGER	Number of attempted non-blind outgoing	ManagedElement_RncFunction_UtranCell_UtranRelation.pmAttNonBlindIfhoPsIntEul	Sum	ecttbh

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		<p>g inter-frequency handovers for the PS Interactive RAB mapped on EUL in the uplink. Used to monitor the number of times that UEs have been ordered to perform interfrequency handover. The decision to initiate handover is based on measurements performed by the UE on the target frequency.</p>		
--	--	---	--	--

pmAttNonBlindIfhoPsIntHs	ACCUMULATION	INTEGER	Number of attempted non-blind outgoing inter-frequency handovers for PS Interactive RABs mapped on HSDPA in the downlink. Used to monitor the number of times that UEs have been ordered to perform interfrequency handover. The decision to initiate handov	ManagedElement_RncFunction_UtranCell_UtranRelation.p mAttNonBlindIfhoPsIntHs	Sum	ectt h

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			er is based on measurements performed by the UE on the target frequency.			
pmAttNonBlindIfhoPsStrHs	ACCUMULATION	INTEGER	Number of attempted non-blind outgoing inter-frequency handovers for PS Streaming RABs mapped on HSDPA in the downlink. Used to monitor the number of times that UEs have been ordered to perform	ManagedElement_RncFunction_UtranCell_UtranRelation.p mAttNonBlindIfhoPsStrHs	Sum	ecttbh

			interfrequency handover. The decision to initiate handover is based on measurements performed by the UE on the target frequency.			
pmFailNonBlindIfhoFailRevPsIntEul	ACCUMULATION	INTEGER	Number of failed non-blind outgoing inter-frequency handovers, where the UE fails to return to the present active set, for PS	ManagedElement_RncFunction_UtranCell_UtranRelation.p mFailNonBlindIfhoFailRevPsIntEul	Sum	ecttbh

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			<p>Interactive RABs mapped on EUL in the uplink. Used to monitor the number of times that UEs that had been ordered to perform interfrequency handover failed and got lost. The handover decision was based on measurements performed by the UE on the target frequency.</p>			
pmFailNonBlindIfhoFailRevPsIntHs	ACCUMULATION	INTEGER	Number of failed non-	ManagedElement_RncFunction_UtranCell_UtranRelation.p mFailNonBlindIfhoFailRevPsIntHs	Sum	ecttbh

		blind outgoing inter-frequency handovers, where the UE fails to return to the present active set, for PS Interactive RABs mapped on HSDPA in the downlink. Used to monitor the number of times that UEs that had been ordered to perform interfrequency handover failed		
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			and got lost. The handover decision was based on measurements performed by the UE on the target frequency.			
pmFailNonBlindIfhoFailRevPsStrHs	ACCUMULATION	INTEGER	Number of failed non-blind outgoing inter-frequency handovers, where the UE fails to return to the present active set, for PS Streaming RABs mapped on HSDPA in the	ManagedElement_RncFunction_UtranCell_UtranRelation.p mFailNonBlindIfhoFailRevPsStrHs	Sum	ecttbh

			downlink. Used to monitor the number of times that UEs that had been ordered to perform interfrequency handover failed and got lost. The handover decision was based on measurements performed by the UE on the target frequency.			
pmFailNonBlindIfhoRevPsIntEul	ACCUMULATION	INTEGER	Number of failed non-	ManagedElement_RncFunction_UtranCell_UtranRelation.p mFailNonBlindIfhoRevPsIntEul	Sum	ecttbh

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		<p>blind outgoing inter-frequency handovers, where the UE returns to the present active set, for PS Interactive RABs mapped on EUL in the uplink. Used to monitor the number of times that UEs that had been ordered to perform interfrequency handover reverted to the source frequency, due to the fact that they did</p>		
--	--	---	--	--

			not manage to synchronize on the target one. The handover decision was based on measurements performed by the UE on the target frequency.			
pmFailNonBlindIfhoRevPsIntHs	ACCUMULATION	INTEGER	Number of failed non-blind outgoing inter-frequency handovers, where the UE returns to the present	ManagedElement_RncFunction_UtranCell_UtranRelation.p mFailNonBlindIfhoRevPsIntH s	Sum	ecttbh

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		<p>active set, for PS Interactive RABs mapped on HSDPA in the downlink. Used to monitor the number of times that UEs that had been ordered to perform interfrequency handover reverted to the source frequency, due to the fact that they did not manage to synchronize on the target one. The handov</p>		
--	--	---	--	--

			er decisio n was based on measur ements perform ed by the UE on the target frequen cy.			
pmFailNonBlindIfho RevPsStrHs	ACCUMU LATION	INTE GER	Number of failed non- blind outgoin g inter- frequen cy handov ers, where the UE returns to the present active set, for PS Streami ng RABs mapped on HSDPA in the	ManagedElement_RncFunction_UtranCell_UtranRelation.p mFailNonBlindIfhoRevPsStrH s	Sum	ecttbh

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		<p>downlink. Used to monitor the number of times that UEs that had been ordered to perform interfrequency handover reverted to the source frequency, due to the fact that they did not manage to synchronize on the target one. The handover decision was based on measurements performed by the UE</p>		
--	--	---	--	--

			on the target frequency.			
pmSuccNonBlindIfhoPsIntEul	ACCUMULATION	INTEGER	Number of successful non-blind outgoing inter-frequency handovers for PS Interactive RABs mapped on EUL in the uplink. Used to monitor the number of times that UEs have succeeded in performing interfrequency handover. The decisio	ManagedElement_RncFunction_UtranCell_UtranRelation.p mSuccNonBlindIfhoPsIntEul	Sum	ecttbh

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			n to initiate handover is based on measurements performed by the UE on the target frequency.			
pmSuccNonBlindIfhoPsIntHs	ACCUMULATION	INTEGER	Number of successful non-blind outgoing inter-frequency handovers for PS Interactive RABs mapped on HSDPA in the downlink. Used to monitor the number of times that UEs have succeed	ManagedElement_RncFunction_UtranCell_UtranRelation.p mSuccNonBlindIfhoPsIntHs	Sum	ecttbh

			ed in performing interfrequency handover. The decision to initiate handover is based on measurements performed by the UE on the target frequency.			
pmSuccNonBlindIfhoPsStrHs	ACCUMULATION	INTEGER	Number of successful non-blind outgoing interfrequency handovers for PS Streaming RABs mapped on	ManagedElement_RncFunction_UtranCell_UtranRelation.p mSuccNonBlindIfhoPsStrHs	Sum	ecttbh

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			HSDPA in the downlink. Used to monitor the number of times that UEs have succeeded in performing interfrequency handover. The decision to initiate handover is based on measurements performed by the UE on the target frequency.		
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7.54.3 Neighbour.Ericsson.UMTS.Inter_frequency_handover

Hard handover success rate between frequencies in UtranCell for CS non-speech calls.

KPI	Type	Data Type	Description	Derivation	Default Aggregator	Other Aggregators
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pmAttLoadBasedIfho	ACCUMULATION	INTEGER	Number of attempted outgoing inter-frequency handovers triggered by load, not including CNH HO.	ManagedElement_RncFunction_UtranCell_UtranRelation.pmAttLoadBasedIfho	Sum	ecttbh, Sum
pmAttNonBlindInterFreqHoCsConversational	ACCUMULATION	INT8	Number of Attempted Inter Frequency Handovers (not blind) for CS conversational.	ManagedElement_RncFunction_UtranCell_UtranRelation.pmAttNonBlindInterFreqHoCsConversational	Sum	ecttbh, Sum
pmAttNonBlindInterFreqHoCsSpeech12	ACCUMULATION	INT8	Number of Attempted Inter	ManagedElement_RncFunction_UtranCell_UtranRelation.pmAttNonBlindInterFreqHoCsSpeech12	Sum	ecttbh, Sum

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			Frequency Handovers (not blind) for speech 12.2k.		
pmAttNonBlindInterFreqHoPsInteractiveGreater64	ACCUMULATION	INT8	Number of Attempted Inter Frequency Handovers (not blind) for Interactive greater than 64k.	ManagedElement_RncFunction_UtranCell_UtranRelation.pmAttNonBlindInterFreqHoPsInteractiveGreater64	Sum ecttbh, Sum
pmAttNonBlindInterFreqHoPsInteractiveLess64	ACCUMULATION	INT8	Number of Attempted Inter Frequency Handovers (not blind) for Interactive less than 64k.	ManagedElement_RncFunction_UtranCell_UtranRelation.pmAttNonBlindInterFreqHoPsInteractiveLess64	Sum ecttbh, Sum

pmAttNonBlindInterFreqHoStreamingOther	ACCUMULATION	INTEGER	Number of Attempted Inter Frequency Handovers (not blind) for streaming and other reasons.	ManagedElement_RncFunction_UtranCell_UtranRelation.pmAttNonBlindInterFreqHoStreamingOther	Sum	ecttbh, Sum
pmFailLoadBasedIfhoFailRev	ACCUMULATION	INTEGER	Number of failed outgoing inter-frequency handovers triggered by load, not including CNH HO, where the UE fails	ManagedElement_RncFunction_UtranCell_UtranRelation.pmFailLoadBasedIfhoFailRev	Sum	ecttbh, Sum

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			to return to the present active set.		
pmFailLoadBasedIfhoRev	ACCUMULATION	INTEGER	Number of failed outgoing inter-frequency handovers triggered by load, not including CNH HO, where the UE returns to the present active set.	ManagedElement_RncFunction_UtranCell_UtranRelation.pmFailLoadBasedIfhoRev	Sum ecttbh, Sum
pmFailNonBlindInterFreqHoFailRevertCsConversational	ACCUMULATION	INTEGER	Number of Attempted Inter Frequency Handovers which	ManagedElement_RncFunction_UtranCell_UtranRelation.pmFailNonBlindInterFreqHoFailRevertCsConversational	Sum ecttbh, Sum

			have failed to revert back to original channel (not blind) for CS conversational.			
pmFailNonBlindInterFreqHoFailRevertCsSpeech12	ACCUMULATION	INT8	Number of Attempted Inter Frequency Hand overs which have failed to revert back to original channel (not blind) for	ManagedElement_RncFunction_UtranCell_UtranRelation.pmFailNonBlindInterFreqHoFailRevertCsSpeech12	Sum	ecttbh, Sum

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			speech 12.2k.			
pmFailNonBlindInterFreqHoFailRevertPsInteractiveGreater64	ACCUMULATION	INT8	Number of Attempted Inter Frequency Hand overs which have failed to revert back to original channel (not blind) for Interactive greater than 64k.	ManagedElement_RncFunction_UtranCell_UtranRelation.pmFailNonBlindInterFreqHoFailRevertPsInteractiveGreater64	Sum	ecttbh, Sum
pmFailNonBlindInterFreqHoFailRevertPsInteractiveLess64	ACCUMULATION	INT8	Number of Attempted Inter Frequency Hand overs which have failed to revert	ManagedElement_RncFunction_UtranCell_UtranRelation.pmFailNonBlindInterFreqHoFailRevertPsInteractiveLess64	Sum	ecttbh, Sum

			back to original channel (not blind) for Interactive less than 64k.			
pmFailNonBlindInterFreqHoFailRevertStreamingOther	ACCUMULATION	INT8	Number of Attempted Inter Frequency Hand overs which have failed to revert back to original channel (not blind) for streaming and	ManagedElement_RncFunction_UtranCell_UtranRelation.pmFailNonBlindInterFreqHoFailRevertStreamingOther	Sum	ecttbh, Sum

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			other reasons.		
pmFailNonBlindInterFreqHoRevertCsConversational	ACCUMULATION	INT8	Number of Attempted Inter Frequency Hand overs which have reverted back to original channel (not blind) for CS conversational.	ManagedElement_RncFunction_UtranCell_UtranRelation.pmFailNonBlindInterFreqHoRevertCsConversational	Sum ecttbh, Sum
pmFailNonBlindInterFreqHoRevertCsSpeech12	ACCUMULATION	INT8	Number of Attempted Inter Frequency Hand overs which have reverted back to origin	ManagedElement_RncFunction_UtranCell_UtranRelation.pmFailNonBlindInterFreqHoRevertCsSpeech12	Sum ecttbh, Sum

			al chann el (not blind) for speec h 12.2k.			
pmFailNonBlindInterFreqHoRevertPsInteractiveGreater64	ACCUMULATION	INT8	Number of Attempted Inter Frequency Handovers which have reverted back to original channel (not blind) for Interactive greater than 64k.	ManagedElement_RncFunction_UtranCell_UtranRelation.pmFailNonBlindInterFreqHoRevertPsInteractiveGreater64	Sum	ecttbh, Sum
pmFailNonBlindInterFreqHoRevertPsInteractiveLess64	ACCUMULATION	INT8	Number of Attempted	ManagedElement_RncFunction_UtranCell_UtranRelation.pmFailNonBlindInterFreqHoRevertPsInteractiveLess64	Sum	ecttbh, Sum

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			Inter Frequency Handovers which have reverted back to original channel (not blind) for Interactive less than 64k.		
pmFailNonBlindInterFreqHoRevertStreamingOther	ACCUMULATION	INT8	Number of Attempted Inter Frequency Handovers which have reverted back to original channel (not blind) for	ManagedElement_RncFunction_UtranCell_UtranRelation.pmFailNonBlindInterFreqHoRevertStreamingOther	Sum ecttbh, Sum

			streaming and other reasons.		
pmSuccLoadBasedIfho	ACCUMULATION	INTEGER	Number of successful outgoing inter-frequency handovers triggered by load, not including CNH HO.	ManagedElement_RncFunction_UtranCell_UtranRelation.pmSuccLoadBasedIfho	Sum ecttbh, Sum
pmSuccNonBlindInterFreqHoCsConversational	ACCUMULATION	INT 8	Number of Successful Inter Frequency Handovers (not blind) for CS conversatio	ManagedElement_RncFunction_UtranCell_UtranRelation.pmSuccNonBlindInterFreqHoCsConversational	Sum ecttbh, Sum

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			nal.		
pmSuccNonBlindInterFreqHoCsSpeech12	ACCUMULATION	INT8	Number of Successful Inter Frequency Handovers (not blind) for speech 12.2k.	ManagedElement_RncFunction_UtranCell_UtranRelation.pmSuccNonBlindInterFreqHoCsSpeech12	Sum ecttbh, Sum
pmSuccNonBlindInterFreqHoPsInteractiveGreater64	ACCUMULATION	INT8	Number of Successful Inter Frequency Handovers (not blind) for Interactive greater than 64k.	ManagedElement_RncFunction_UtranCell_UtranRelation.pmSuccNonBlindInterFreqHoPsInteractiveGreater64	Sum ecttbh, Sum
pmSuccNonBlindInterFreqHoPsInteractiveLess64	ACCUMULATION	INT8	Number of Successful Inter Frequency Handovers (not blind)	ManagedElement_RncFunction_UtranCell_UtranRelation.pmSuccNonBlindInterFreqHoPsInteractiveLess64	Sum ecttbh, Sum

			for Interactive less than 64k.		
pmSuccNonBlindInterFreqHoStreamingOther	ACCUMULATION	INT8	Number of Successful Inter Frequency Handovers (not blind) for streaming and other reasons.	ManagedElement_RncFunction_UtranCell_UtranRelation.pmSuccNonBlindInterFreqHoStreamingOther	Sum ecttbh, Sum
Succ_CS_non_speech_interfreq_HHO	PERCENTAGE	FLOAT	(Report) Hard handover success rate between frequencies in Utran Cell for CS	100 * {Ericsson.Inter_frequency_handover.pmSuccNonBlindInterFreqHoCsConversational}/ {Ericsson.Inter_frequency_handover.pmAttNonBlindInterFreqHoCsConversational}	Average Average, ecttbh

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			non-speech calls.		
Succ_CS_speech_interfreq_HHO	PERCENTAGE	FLOAT	(Report) Hard handover success rate between frequencies in Utran Cell for speech calls.	$100 * \frac{\{\text{Ericsson.Inter_frequency_handover.pmSuccNonBlindInterFreqHoCsSpeech12}\}}{\{\text{Ericsson.Inter_frequency_handover.pmAttNonBlindInterFreqHoCsSpeech12}\}}$	Average, ecttbh
Succ_others_interfreq_HHO	PERCENTAGE	FLOAT	(Report) Hard handover success rate between frequencies in Utran Cell for other services.	$100 * \frac{\{\text{Ericsson.Inter_frequency_handover.pmSuccNonBlindInterFreqHoStreamingOther}\}}{\{\text{Ericsson.Inter_frequency_handover.pmAttNonBlindInterFreqHoStreamingOther}\}}$	Average, ecttbh
Succ_PS_interactive_interfreq_HHO_greater_64	PERCENTAGE	FLOAT	(Report) Hard handover	$100 * \{\text{Ericsson.Inter_frequency_handover.pmSuccNonBlindInterFreqHoPsInteractiveGreater64}\}$	Average, ecttbh

			<p>ver succe ss rate betwe en frequ encies in Utran Cell for PS intera ctive calls with data rate larger than 64kbp s.</p>	<p>{Ericsson.Inter_frequency_handov er.pmAttNonBlindInterFreqHoPsI nteractiveGreater64}</p>		
Succ_PS_interactive_interfr eq_HHO_less_64	PERCE NTAGE	FL OAT	<p>(Repo rt) Hard hando ver succe ss rate betwe en frequ encies in Utran Cell for PS intera ctive</p>	<p>100 * {Ericsson.Inter_frequency_handov er.pmSuccNonBlindInterFreqHoPs InteractiveLess64}/ {Ericsson.Inter_frequency_handov er.pmAttNonBlindInterFreqHoPsI nteractiveLess64}</p>	Ave rage	Aver age, ecttb h

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			calls with data rate less than or equal 64kbp/s.		
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7.54.4 Neighbour.Ericsson.UMTS.inter_radio_access_technology_cell_change_outgoing

Outgoing Inter radio access technology (e.g. UTRAN to GERAN) cell change/cell reselection handover statistics.

KPI	Type	Data Type	Description	Derivation	Default Aggregator	Other Aggregators
pmNoOutIratCcAttEul	ACCUMULATION	INTEGER	Number of PS IRAT cell change attempts for a UE on dedicated channels, with RB/RBs mapped on EUL in the uplink. Incremented in the relation between the best cell	ManagedElement_RncFunction_UtranCell_GsmRelation. pmNoOutIratCcAttEul	Sum	ecttbh

			in the active set and the target cell. If the best cell in the active set has no cell relation towards the target cell, the cell change will not be counted in this RNC.			
pmNoOutIratCcAttHs	ACCUMULATION	INTEGER	Number of PS IRAT cell change attempts for a UE on dedicated channels, with RB/RBs mapped on EUL	ManagedElement_RncFunction_UtranCell_GsmRelation. pmNoOutIratCcAttHs	Sum	ectt bh

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			in the uplink. Incremented in the relation between the best cell in the active set and the target cell. If the best cell in the active set has no cell relation towards the target cell, the cell change will not be counted in this RNC.		
pmnooutiratccatt	ACCUMULATION	INT8	Total number of the PS Inter-RAT CC attempts on DCH.	ManagedElement_RncFunction_UtranCell_GsmRelation. pmNoOutIratCcAtt	Sum ecttbh, Sum
pmNoOutIratCcReturnOldChEul	ACCUMULATION	INTEGER	Number of PS	ManagedElement_RncFunction_UtranCell_GsmRelation.	Sum ecttbh

		<p>IRAT cell change attempts for a UE on dedicated channels, with RB/RBs mapped on EUL in the uplink. Incremented in the relation between the best cell in the active set and the target cell. If the best cell in the active set has no cell relation towards the target cell, the cell</p>	<p>pmNoOutIratCcReturnOldChEul</p>		
--	--	--	------------------------------------	--	--

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			change will not be counted in this RNC.			
pmNoOutIratCcReturnOldChHs	ACCUMULATION	INTEGER	Number of PS IRAT cell change attempts for a UE on dedicated channels, with RB/RBs mapped on EUL in the uplink. Incremented in the relation between the best cell in the active set and the target cell. If the best cell in the active set has no cell relation towards	ManagedElement_RncFunction_UtranCell_GsmRelation. pmNoOutIratCcReturnOldChHs	Sum	ecttbb

			the target cell, the cell change will not be counted in this RNC.			
pmnooutiratccreturnoldch	ACCUMULATION	INT8	Total number of the PS Inter-RATCC attempts for UE on DCH where the UE returns to old channel .	ManagedElement_RncFunction_UtranCell_GsmRelation. pmNoOutIratCcReturnOldCh	Sum	ectt bh , Sum
pmNoOutIratCcSuccessEul	ACCUMULATION	INTEGER	Number of PS IRAT cell change attempts for a UE on dedicated channels, with RB/RB	ManagedElement_RncFunction_UtranCell_GsmRelation. pmNoOutIratCcSuccessEul	Sum	ectt bh

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			<p>s mapped on EUL in the uplink. Incremented in the relation between the best cell in the active set and the target cell. If the best cell in the active set has no cell relation towards the target cell, the cell change will not be counted in this RNC.</p>			
pmNoOutIratCcSuccessHs	ACCUMULATION	INTEGER	Number of PS IRAT cell change attempts for a UE on dedicat	ManagedElement_RncFunction_UtranCell_GsmRelation. pmNoOutIratCcSuccessHs	Sum	ecttbh

		<p>ed channel s, with RB/RB s mapped on EUL in the uplink. Increme nted in the relation betwee n the best cell in the active set and the target cell. If the best cell in the active set has no cell relation towards the target cell, the cell change will not be counted in this RNC.</p>		
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pmNoOutIratCcSuccess	ACCUMULATION	INTEGER	Number of successful PS Inter RAT cell change attempts for UE on dedicated channel. The counter is triggered by CN Iu Release Command following the sending of the CELL CHANGE ORDER FROM UTRAN message. Inter-RAT CC from UTRAN to GPRS, UE on DCH. The	ManagedElement_RncFunction_UtranCell_GsmRelation. pmNoOutIratCcSuccess	Sum	ecttbh, Sum
----------------------	--------------	---------	--	---	-----	-------------

		Handover Evaluation function triggers this function to indicate that we need to make a handover to a GSM cell (A Measurement Report message (RRC) for event 3a has been received from the UE). The Cell Change Order from UTRAN (RRC)		
--	--	---	--	--

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			message is sent to the UE and the counter is increased when a Lu Release Command is received from the PS CN, with cause - Normal release-or -Successful Relocation-.		
--	--	--	--	--	--

7.54.5 Neighbour.Ericsson.UMTS.inter_radio_access_technology_handover_outgoing

Outgoing Inter radio access technology (e.g. UTRAN to GERAN) handover statistics.

KPI	Type	Data Type	Description	Derivation	Default Aggregator	Other Aggregators
%_pmNoFailOutSbHoSpeechVarious	PERCENTAGE	FLOAT	Percentage of failed outgoing Service Based GSM Hando	$100 * \frac{(\{pmNoAttOutSbHoSpeech\} + \{pmNoFailOutSbHoSpeechReturnOldChNotPhyChFail\} + \{pmNoFailOutSbHoSpeechReturnOldChPhyChFail\} + \{pmNoFailOutSbHoSpeechUeRejection\})}{\{pmNoAttOutSbHoSpeech\}}$	Average	Average, ecttbh

			ver due to various resource allocation failure, for -Conversational speech RAB- for the best cell in the active set			
Fail_PS_cell_change_Ue_success_return	PERCENTAGE	FL OA T	(Report) Cell change failure rate between UtranCell and target GSM cell for PS calls when the UE successfully returns to	100 * {Ericsson.inter_radio_access_technology_cell_change_outgoing.p mnooutiratccreturnoldch}/ {Ericsson.inter_radio_access_technology_cell_change_outgoing.p mnooutiratccatt}	Average	Average, ecttbh

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			UtranCell.			
pmAttLbhoSpeech	ACCUMULATION	INT8	Number of attempted outgoing (to GSM) load-based handovers.	ManagedElement_RncFunction_UtranCell_GsmRelation.pmAttLbhoSpeech	Sum	ecttbh, Sum
pmFailLbhoSpeechGsmFailure	ACCUMULATION	INT8	Number of outgoing (to GSM) load-based handovers that failed due to GSM resource allocation failure.	ManagedElement_RncFunction_UtranCell_GsmRelation.pmFailLbhoSpeechGsmFailure	Sum	ecttbh, Sum
pmFailLbhoSpeechNotPhyChFail	ACCUMULATION	INT8	Number of outgoing (to GSM) load-based handovers that failed due to reasons other than	ManagedElement_RncFunction_UtranCell_GsmRelation.pmFailLbhoSpeechNotPhyChFail	Sum	ecttbh, Sum

			physical channel failure, where the UE returns to the present active set.			
pmFailLbhoSpeechPhyChFailReturn	ACCUMULATION	INT8	Number of outgoing (to GSM) load-based handovers that failed due to physical channel failure, where the UE returns to the present active set.	ManagedElement_RncFunction_UtranCell_GsmRelation.pmFailLbhoSpeechPhyChFailReturn	Sum	ecttbh, Sum
pmFailLbhoSpeechUeReject	ACCUMULATION	INT8	Number of outgoing (to GSM)	ManagedElement_RncFunction_UtranCell_GsmRelation.pmFailLbhoSpeechUeReject	Sum	ecttbh, Sum

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			load-based handovers that failed due to rejection by the UE.		
pmNoAttOutIratHoCs57	ACCUMULATION	INT8	Number of attempted Inter RAT Handover attempts to GSM for CS 57.6.	ManagedElement_RncFunction_UtranCell_GsmRelation.pmNoAttOutIratHoCs57	Sum ectbh, Sum
pmNoAttOutIratHoMulti	ACCUMULATION	INT8	Number of attempted Inter RAT Handover attempts to GSM for multiple.	ManagedElement_RncFunction_UtranCell_GsmRelation.pmNoAttOutIratHoMulti	Sum ectbh, Sum
pmNoAttOutIratHoSpeech	ACCUMULATION	INT8	Number of attempted Inter RAT Handover	ManagedElement_RncFunction_UtranCell_GsmRelation.pmNoAttOutIratHoSpeech	Sum ectbh, Sum

			ver attempt s to GSM for speech.		
pmNoAttOutIratHoStandal one	ACCU MULAT ION	INT 8	Numbe r of attempt ed Inter RAT Hando ver attempt s to GSM for stand alone.	ManagedElement_RncFunction_ UtranCell_GsmRelation.pmNoAt tOutIratHoStandalone	Sum ecttb h, Sum
pmNoAttOutSbHoSpeech	ACCU MULAT ION	INT EG ER	Numbe r of attempt ed outgoi ng Service Based GSM Hando ver for -Conve rsation al speech RAB- for the best cell in the	ManagedElement_RncFunction_ UtranCell_GsmRelation.pmNoAt tOutSbHoSpeech	Sum ecttb h, Sum

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			active set. The counter is increased when RNC sends HAND OVER FROM UTRAN COMMAND. This counter will only be incremented in the SRNC		
pmNoFailOutIratHoCs57GsmFailure	ACCUMULATION	INT8	Number of failed CS Inter RAT Handover attempts to GSM where the UE returns to old channel due to congestion in GSM	ManagedElement_RncFunction_UtranCell_GsmRelation.pmNoFailOutIratHoCs57GsmFailure	Sum ecttbh, Sum

			net or no answer from CN.			
pmNoFailOutIratHoCs57ReturnOldChNotPhyChFail	ACCUMULATION	INT8	Number of failed CS Inter RAT Handover attempts to GSM where the UE returns to old channel due to Unspecified and other.	ManagedElement_RncFunction_UtranCell_GsmRelation.pmNoFailOutIratHoCs57ReturnOldChNotPhyChFail	Sum	ecttbh, Sum
pmNoFailOutIratHoCs57ReturnOldChPhyChFail	ACCUMULATION	INT8	Number of failed CS Inter RAT Handover attempts to GSM where the UE returns	ManagedElement_RncFunction_UtranCell_GsmRelation.pmNoFailOutIratHoCs57ReturnOldChPhyChFail	Sum	ecttbh, Sum

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			to old channel due to physical channel failure.			
pmNoFailOutIratHoCs57UeRejection	ACCUMULATION	INT8	Number of failed CS Inter RAT Handover attempts to GSM due to Ue rejection.	ManagedElement_RncFunction_UtranCell_GsmRelation.pmNoFailOutIratHoCs57UeRejection	Sum	ecttbh, Sum
pmNoFailOutIratHoMultiGsmFailure	ACCUMULATION	INT8	Number of failed multirate Inter RAT Handover attempts to GSM where the UE returns to old channel due to congestion in GSM net or no	ManagedElement_RncFunction_UtranCell_GsmRelation.pmNoFailOutIratHoMultiGsmFailure	Sum	ecttbh, Sum

			answer from CN.		
pmNoFailOutIratHoMultiReturnOldChNotPhyChFail	ACCUMULATION	INT8	Number of failed multirate Inter RAT Handover attempts to GSM where the UE returns to old channel due to Unspecified and other.	ManagedElement_RncFunction_UtranCell_GsmRelation.pmNoFailOutIratHoMultiReturnOldChNotPhyChFail	Sum ecttbh, Sum
pmNoFailOutIratHoMultiReturnOldChPhyChFail	ACCUMULATION	INT8	Number of failed multirate Inter RAT Handover attempts to GSM where the UE returns to old channel	ManagedElement_RncFunction_UtranCell_GsmRelation.pmNoFailOutIratHoMultiReturnOldChPhyChFail	Sum ecttbh, Sum

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			l due to physical channel failure.		
pmNoFailOutIratHoMultiUeRejection	ACCUMULATION	INT8	Number of failed multirate Inter RAT Handover attempts to GSM due to Ue rejection.	ManagedElement_RncFunction_UtranCell_GsmRelation.pmNoFailOutIratHoMultiUeRejection	Sum ecttbh, Sum
pmNoFailOutIratHoSpeechGsmFailure	ACCUMULATION	INT8	Number of failed speech Inter RAT Handover attempts to GSM where the UE returns to old channel due to congestion in GSM net or no answer from	ManagedElement_RncFunction_UtranCell_GsmRelation.pmNoFailOutIratHoSpeechGsmFailure	Sum ecttbh, Sum

			CN.			
pmNoFailOutIratHoSpeechReturnOldChNotPhyChFail	ACCUMULATION	INT8	Number of failed speech Inter RAT Handover attempts to GSM where the UE returns to old channel due to Unspecified and other.	ManagedElement_RncFunction_UtranCell_GsmRelation.pmNoFailOutIratHoSpeechReturnOldChNotPhyChFail	Sum	ecttbh, Sum
pmNoFailOutIratHoSpeechReturnOldChPhyChFail	ACCUMULATION	INT8	Number of failed speech Inter RAT Handover attempts to GSM where the UE returns to old channel due to physic	ManagedElement_RncFunction_UtranCell_GsmRelation.pmNoFailOutIratHoSpeechReturnOldChPhyChFail	Sum	ecttbh, Sum

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			al channe l failure.		
pmNoFailOutIratHoSpeech UeRejection	ACCU MULAT ION	INT 8	Numbe r of failed speech Inter RAT Hando ver attempt s to GSM due to Ue rejection.	ManagedElement_RncFunction_ UtranCell_GsmRelation.pmNoFa ilOutIratHoSpeechUeRejection	Sum ecttb h, Sum
pmNoFailOutIratHoStanda loneGsmFailure	ACCU MULAT ION	INT 8	Numbe r of failed standa lone Inter RAT Hando ver attempt s to GSM where the UE returns to old channe l due to conges tion in GSM net or no answer from CN.	ManagedElement_RncFunction_ UtranCell_GsmRelation.pmNoFa ilOutIratHoStandaloneGsmFailur e	Sum ecttb h, Sum

<p>pmNoFailOutIratHoStandaloneReturnOldChNotPhyChFail</p>	<p>ACCUMULATION</p>	<p>INT8</p>	<p>Number of failed standalone Inter RAT Handover attempts to GSM where the UE returns to old channel due to Unspecified and other.</p>	<p>ManagedElement_RncFunction_UtranCell_GsmRelation.pmNoFailOutIratHoStandaloneReturnOldChNotPhyChFail</p>	<p>Sum</p>	<p>ecttbh, Sum</p>
<p>pmNoFailOutIratHoStandaloneReturnOldChPhyChFail</p>	<p>ACCUMULATION</p>	<p>INT8</p>	<p>Number of failed standalone Inter RAT Handover attempts to GSM where the UE returns to old channel due to</p>	<p>ManagedElement_RncFunction_UtranCell_GsmRelation.pmNoFailOutIratHoStandaloneReturnOldChPhyChFail</p>	<p>Sum</p>	<p>ecttbh, Sum</p>

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			physical channel failure.		
pmNoFailOutIratHoStandaloneUeRejection	ACCUMULATION	INTEGER	Number of failed standalone Inter RAT Handover attempts to GSM due to Ue rejection.	ManagedElement_RncFunction_UtranCell_GsmRelation.pmNoFailOutIratHoStandaloneUeRejection	Sum ecttbh, Sum
pmNoFailOutSbHoSpeechGsmFailure	ACCUMULATION	INTEGER	Number of failed outgoing Service Based GSM Handover due to GSM resource allocation failure, for -Conversational speech RAB- for the	ManagedElement_RncFunction_UtranCell_GsmRelation.pmNoFailOutSbHoSpeechGsmFailure	Sum ecttbh, Sum

		<p>best cell in the active set. The counter is increased when a RANA P RELOCATION PREPARATION FAILURE message is received from CN or a timeout of timer RELO Cprep occurs. This counter will only be incremented in the SRNC.</p>		
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<p>pmNoFailOutSbHoSpeechReturnOldChNotPhyChFail</p>	<p>ACCUMULATION</p>	<p>INTEGER</p>	<p>Number of failed outgoing Service Based GSM Handover due to reasons other than physical channel failure, where the UE returns to the present Active Set for -Conversational speech RAB- for the best cell in the active set. The counter is increased when HANDOVER FROM</p>	<p>ManagedElement_RncFunction_UtranCell_GsmRelation.pmNoFailOutSbHoSpeechReturnOldChNotPhyChFail</p>	<p>Sum</p>	<p>ecttbh, Sum</p>
---	---------------------	----------------	---	--	------------	--------------------

			<p>UTRA N FAILU RE is receiv ed with cause: any other cause apart from - Physic al channe l failure- or 'Config uration unacce ptable- This counter will only be incred ented in the SRNC.</p>			
pmNoFailOutSbHoSpeech ReturnOldChPhyChFail	ACCUMULAT ION	INTER	Number of failed outgoing Service Based GSM Handover due	ManagedElement_RncFunction_UtranCell_GsmRelation.pmNoFailOutSbHoSpeechReturnOldChPhyChFail	Sum	ecttbh, Sum

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		to physic al channe l failure, where the UE returns to the present Active Set for -Conve rsation al speech RAB- for the best cell in the active set.The counter is increas ed when HAND OVER FROM UTRA N FAILU RE is receiv ed with cause - Physic al channe l failure- . This counter		
--	--	---	--	--

			will only be incremented in the SRNC.			
pmNoFailOutSbHoSpeechUeRejection	ACCUMULATION	INTEGER	Number of failed outgoing Service Based GSM Handover, rejected by UE, for -Conversational speech RAB- for the best cell in the active set. The counter is increased when HANDOVER FROM UTRAN	ManagedElement_RncFunction_UtranCell_GsmRelation.pmNoFailOutSbHoSpeechUeRejection	Sum	ecttbh, Sum

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			FAILURE is received with cause - Configuration unacceptable-. This counter will only be incremented in the SRNC.			
pmNoSuccessOutIratHoCs57	ACCUMULATION	INT8	Number of successful Inter RAT Handover attempts to GSM for CS 57.6.	ManagedElement_RncFunction_UtranCell_GsmRelation.pmNoSuccessOutIratHoCs57	Sum	ecttbh, Sum
pmNoSuccessOutIratHoMulti	ACCUMULATION	INT8	Number of successful Inter RAT Handover attempts to GSM for multiple.	ManagedElement_RncFunction_UtranCell_GsmRelation.pmNoSuccessOutIratHoMulti	Sum	ecttbh, Sum

pmNoSuccessOutIratHoSpeech	ACCUMULATION	INT8	Number of successful Inter RAT Handover attempts to GSM for speech.	ManagedElement_RncFunction_UtranCell_GsmRelation.pmNoSuccessOutIratHoSpeech	Sum	ecttbh, Sum
pmNoSuccessOutIratHoStandalone	ACCUMULATION	INT8	Number of successful Inter RAT Handover attempts to GSM for standalone.	ManagedElement_RncFunction_UtranCell_GsmRelation.pmNoSuccessOutIratHoStandalone	Sum	ecttbh, Sum
pmNoSuccessOutSbHoSpeech	ACCUMULATION	INTEGER	Number of successful outgoing Service Based GSM Handover for -Conversation	ManagedElement_RncFunction_UtranCell_GsmRelation.pmNoSuccessOutSbHoSpeech	Sum	ecttbh, Sum

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			<p>al speech RAB- for the best cell in the active set.The counter is increas ed when IU RELE ASE COM MAN D is receiv ed with cause - Norma l release - or -Succe ssful relocati on-. This counter will only be incred ented in the SRNC.</p>			
pmSuccLbhoSpeech	ACCU MULAT ION	INT 8	Numbe r of success ful outgoi ng (to	ManagedElement_RncFunction_ UtranCell_GsmRelation.pmSucc LbhoSpeech	Sum	ecttb h, Sum

			GSM) load-based handovers.			
Succ_CS57_IRAT_HHO	PERCENTAGE	FL O A T	(Report) Hard handover success rate between UtranCell and target GSM cell for CS streaming calls.	100 * {Ericsson.inter_radio_access_technology_handover_outgoing.pmNoSuccessOutIratHoCs57}/ {Ericsson.inter_radio_access_technology_handover_outgoing.pmNoAttOutIratHoCs57}	Average	Average, ecttbh
Succ_multi_RAB_IRAT_HHO	PERCENTAGE	FL O A T	(Report) Hard handover success rate between UtranCell and target GSM cell for Multi-RAB calls.	100 * {Ericsson.inter_radio_access_technology_handover_outgoing.pmNoSuccessOutIratHoMulti}/ {Ericsson.inter_radio_access_technology_handover_outgoing.pmNoAttOutIratHoMulti}	Average	Average, ecttbh
Succ_speech_IRAT_HHO	PERCENTAGE	FL	(Report)	100 *	Average	Average

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	NTAGE	OA T	t) Hard handover success rate between UtranCell and target GSM cell for speech calls.	{Ericsson.inter_radio_access_technology_handover_outgoing.pmlNoSuccessOutIratHoSpeech}/ {Ericsson.inter_radio_access_technology_handover_outgoing.pmlNoAttOutIratHoSpeech}	age	age, ecttbh
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7.54.6 Neighbour.Ericsson.UMTS.soft_softer_handover

Soft softer handover statistics.

KPI	Type	Data Type	Description	Derivation	Default Aggregator	Other Aggregators
pmRIAddAttemptsBestCellCsConvers	ACCUMULATION	INT8	Number of Attempted RL added for best cell CS conversational.	ManagedElement_RncFunction_UtranCell_UtranRelation.pmRIAddAttemptsBestCellCsConvers	Sum	ecttbh, Sum
pmRIAddAttemptsBestCellPacketHigh	ACCUMULATION	INT8	Number of Attempted RL added for best cell high PS data rates.	ManagedElement_RncFunction_UtranCell_UtranRelation.pmRIAddAttemptsBestCellPacketHigh	Sum	ecttbh, Sum
pmRIAddAttemptsBes	ACCUMU	IN	Number	ManagedElement_RncFunction	Sum	ecttbh,

tCellPacketLow	LATION	T8	of Attempted RL added for best cell for low packet data rates.	_UtranCell_UtranRelation.pmRlAddAttemptsBestCellPacketLow		Sum
pmRlAddAttemptsBestCellSpeech	ACCUMULATION	INT8	Number of Attempted RL added for best cell for speech.	ManagedElement_RncFunction_UtranCell_UtranRelation.pmRlAddAttemptsBestCellSpeech	Sum	ecttbh, Sum
pmRlAddAttemptsBestCellStandAlone	ACCUMULATION	INT8	Number of Attempted RL added for best cell for stand alone.	ManagedElement_RncFunction_UtranCell_UtranRelation.pmRlAddAttemptsBestCellStandAlone	Sum	ecttbh, Sum
pmRlAddAttemptsBestCellStream	ACCUMULATION	INT8	Number of Attempted RL added for best cell for streaming.	ManagedElement_RncFunction_UtranCell_UtranRelation.pmRlAddAttemptsBestCellStream	Sum	ecttbh, Sum
pmRlAddSuccessBestCellCsConvers	ACCUMULATION	INT8	Number of	ManagedElement_RncFunction_UtranCell_UtranRelation.pmR	Sum	ecttbh, Sum

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			Successful RL added for best cell CS conversational.	ManagedElement_RncFunction_UtranCell_UtranRelation.pmRlAddSuccessBestCellCsConversations		
pmRlAddSuccessBestCellPacketHigh	ACCUMULATION	INT8	Number of Successful RL added for best cell high PS data rates.	ManagedElement_RncFunction_UtranCell_UtranRelation.pmRlAddSuccessBestCellPacketHigh	Sum	ecttbh, Sum
pmRlAddSuccessBestCellPacketLow	ACCUMULATION	INT8	Number of Successful RL added for best cell for low packet data rates.	ManagedElement_RncFunction_UtranCell_UtranRelation.pmRlAddSuccessBestCellPacketLow	Sum	ecttbh, Sum
pmRlAddSuccessBestCellSpeech	ACCUMULATION	INT8	Number of Successful RL added for best cell for speech.	ManagedElement_RncFunction_UtranCell_UtranRelation.pmRlAddSuccessBestCellSpeech	Sum	ecttbh, Sum
pmRlAddSuccessBestCellStandAlone	ACCUMULATION	INT8	Number of Successful RL added for best cell for standalo	ManagedElement_RncFunction_UtranCell_UtranRelation.pmRlAddSuccessBestCellStandAlone	Sum	ecttbh, Sum

			ne.			
pmRlAddSuccessBestCellStream	ACCUMULATION	INT8	Number of Successful RL added for best cell for streaming.	ManagedElement_RncFunction_UtranCell_UtranRelation.pmRlAddSuccessBestCellStream	Sum	ecttbh, Sum

7.55 Neighbour_RNC Performance Indicators

This section shows the key performance indicators and other counters for the Neighbour_RNC object, divided into the following sub-sections:

- [Neighbour_RNC.Ericsson.UMTS.CN_Hard_Handover](#)
- [Neighbour_RNC.Ericsson.UMTS.common_transport_channel_error_handling_in_iur](#)
- [Neighbour_RNC.Ericsson.UMTS.common_transport_channel_handling_in_iur](#)
- [Neighbour_RNC.Ericsson.UMTS.DCH_Frames](#)
- [Neighbour_RNC.Ericsson.UMTS.Link_Availability](#)
- [Neighbour_RNC.Ericsson.UMTS.PDF_pmEdchDataFrameDelaylub](#)
- [Neighbour_RNC.Ericsson.UMTS.RAB_handling](#)
- [Neighbour_RNC.Ericsson.UMTS.soft_softer_handover](#)

7.55.1 Neighbour_RNC.Ericsson.UMTS.CN_Hard_Handover

Core network hard handover statistics.

KPI	Type	Data Type	Description	Derivation	Default Aggregator	Other Aggregators
%_pmNoSuccIncCnhhoCsNonSpeech	PERCENTAGE	FLOAT	Percentage number of successful	100 * {pmNoSuccIncCnhhoCsNonSpeech}/ {pmNoAttIncCnhhoCsNonSpeech}	Average	Average, erttbh

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			incoming CN Hard Handover for a CS RAB (other than speech). The counter is stepped when RRC Radio Bearer Reconfiguration Complete is received.			
$\frac{\text{pmNoSuccIncCnhhoSpeech}}{\text{pmNoAttIncCnhhoSpeech}}$	PERCENT AGE	FLO AT	Percentage number of attempts to perform incoming CN Hard Handover for a CS RAB (other than speech). The counter is stepped when RRC Radio Bearer Reconfig	$100 * \frac{\text{pmNoSuccIncCnhhoSpeech}}{\text{pmNoAttIncCnhhoSpeech}}$	Average	Average, erttbh

			uration Comple e is received.			
pmNoAttIncCnhhoCsNonSpeech	ACCUMULATION	INTEGER	Number of attempts to perform incoming CN Hard Handover for a CS RAB (other than speech) during inter-RNC mobility. The counter is stepped when RANAP Relocation Request Acknowledge is sent.	ManagedElement_RncFunction_IurLink.pmNoAttIncCnhhoCsNonSpeech	Sum	Average, erttbh, Sum
pmNoAttIncCnhhoSpeech	ACCUMULATION	INTEGER	Number of attempts to perform incoming CN Hard	ManagedElement_RncFunction_IurLink.pmNoAttIncCnhhoSpeech	Sum	Average, erttbh, Sum

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			Handover for a CS speech RAB during inter-RNC mobility. The counter is stepped when RANAP Relocation Request Acknowledge is sent.			
pmNoSuccIncCnhhoCsNonSpeech	ACCUMULATION	INTEGER	Number of successful incoming CN Hard Handover for a CS RAB (other The counter is stepped when RRC Radio Bearer Reconfiguration Complete is received. than	ManagedElement_RncFunction_IurLink.pmNoSuccIncCnhhoCsNonSpeech	Sum	Average, ertbh, Sum

			Speech).		
pmNoSuccIncCnhhoSpeech	ACCUMULATION	INTEGER	Number of attempts to perform incoming CN Hard Handover for a CS RAB (other than speech). The counter is stepped when RRC Radio Bearer Reconfiguration Complete is received.	ManagedElement_RncFunction_IurLink.pmNoSuccIncCnhhoSpeech	Average, erttbh, Sum

7.55.2 Neighbour_RNC.Ericsson.UMTS.common_transport_channel_error_handling_in_iur

-Obsolete in P5, IurCchUp- Iur statistics on error handling in common transport channel.

KPI	Type	Data Type	Description	Derivation	Default Aggregator	Other Aggregators
pmiurcommoncontrolfr	ACCUMULATION	IN	-	ManagedElement_RncFunction	Sum	erttbh,

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amesfaulty	LATION	T8	Obsole te in P5, IurCch Up- Numb er of Faulty Contro l Frame s on Iur Comm on Transp ort Bearer per Iur link.	_IurLink_IurCchUp.pmlurCom monControlFramesFaulty		Sum
pmlurcommoncontrolframes	ACCUMU LATION	IN T8	- Obsole te in P5, IurCch Up- Numb er of Contro l Frame s on Iur Comm on Transp ort Bearer per Iur link.	ManagedElement_RncFunction _IurLink_IurCchUp.pmlurCom monControlFrames	Sum	erttbh, Sum
pmlurcommonDIframes faulty	ACCUMU LATION	IN T8	- Obsole te in P5, IurCch	ManagedElement_RncFunction _IurLink_IurCchUp.pmlurCom monDIframesFaulty	Sum	erttbh, Sum

			Up-Number of Down-Link Frames on Iur Comm on Transport Bearer with faulty header or payload CRC per Iur link.		
pmiurcommondlframes	ACCUMULATION	INT8	- Obsolete in P5, IurCch Up-Number of Down-Link Frames on Iur Comm on Transport Bearer per Iur	ManagedElement_RncFunction_IurLink_IurCchUp.pmiurCommonDIframes	Sum erttbh, Sum

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			link.			
pmiurcommonfachcontrolframes	ACCUMULATION	INT8	- Obsolete in P5, IurCchUp-Number of FACH flow control frames with credits =0 on IurCommonTransportBearer per Iur link.	ManagedElement_RncFunction_IurLink_IurCchUp.pmiurCommonFachControlFrames	Sum	erttbh, Sum
pmiurcommonfachcontrolframetimeout	ACCUMULATION	INT8	- Obsolete in P5, IurCchUp-Number of time-outs at waiting for FACH control frame with credits =0 on IurCommon	ManagedElement_RncFunction_IurLink_IurCchUp.pmiurCommonFachControlFrameTimeout	Sum	erttbh, Sum

			Transport Bearer per Iur link.			
pmiurcommonfachdataframesfaulty	ACCUMULATION	INT8	- Obsolete in P5, IurCchUp-Number of discarded FACH Data Frames on Iur Common Transport Bearer per Iur link.	ManagedElement_RncFunction_IurLink_IurCchUp.pmiurCommonFachDataFramesFaulty	Sum	erttbh, Sum
pmiurcommonfachdataframes	ACCUMULATION	INT8	- Obsolete in P5, IurCchUp-Number of FACH Data Frames on Iur	ManagedElement_RncFunction_IurLink_IurCchUp.pmiurCommonFachDataFrames	Sum	erttbh, Sum

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			Comm on Transport Bearer per Iur link.			
pmiurcommonulframes faulty	ACCUMULATION	INT8	- Obsolete in P5, IurCchUp-Number of Up-Link Frames on Iur Common Transport Bearer with faulty header or payload CRC per Iur link.	ManagedElement_RncFunction_IurLink_IurCchUp.pmiurCommonUIFramesFaulty	Sum	erttbh, Sum
pmiurcommonulframes	ACCUMULATION	INT8	- Obsolete in P5, IurCchUp-Number of Up-Link Frames on	ManagedElement_RncFunction_IurLink_IurCchUp.pmiurCommonUIFrames	Sum	erttbh, Sum

			Iur Comm on Transp ort Bearer per Iur link.		
--	--	--	--	--	--

7.55.3 Neighbour_RNC.Ericsson.UMTS.common_transport_channel_handling_in_iur

-Obsolete in P5, IurCchCp- Iur statistics on common transport channel.

KPI	Type	Data Type	Description	Derivation	Default Aggregator	Other Aggregators
pmiurcommonestattexisttranspbearer	ACCUMULATION	INT8	- Obsolete in P5, IurCchCp- Number of Iur Common Transport Channel Resources establishment attempts - Existing Transport Bearer.	ManagedElement_RncFunction_IurLink_IurCchCp.pmlurCommonEstAttExistTranspBearer	Sum	erttbh, Sum

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<p>pmiurcommonestattnewtranspbearer</p>	<p>ACCUMULATION</p>	<p>INT8</p>	<p>- Obsolete in P5, IurCchCp-Number of IurCommon Transport Channel Resources establishment attempts - New Transport Bearer.</p>	<p>ManagedElement_RncFunction_IurLink_IurCchCp.pmlurCommonEstAttNewTranspBearer</p>	<p>Sum</p>	<p>erttbh, Sum</p>
<p>pmiurcommonestsucce xisttranspbearer</p>	<p>ACCUMULATION</p>	<p>INT8</p>	<p>- Obsolete in P5, IurCchCp-Number of successful IurCommon Transport Channel Resources establishment attempts - Existing Transport Bearer.</p>	<p>ManagedElement_RncFunction_IurLink_IurCchCp.pmlurCommonEstSuccExistTranspBearer</p>	<p>Sum</p>	<p>erttbh, Sum</p>

pmiurcommonestsuccesswtransportbearer	ACCUMULATION	INT8	- Obsolete in P5, IurCch Cp- Number of successful Iur Common Transport Channel Resources establishments - New Transport Bearer.	ManagedElement_RncFunction_IurLink_IurCchCp.pmiurCommonEstSuccNewTranspBearer	Sum	erttbh, Sum
pmiurcommonrelease	ACCUMULATION	INT8	- Obsolete in P5, IurCch Cp- Number of Iur Common Transport Channel Resources release.	ManagedElement_RncFunction_IurLink_IurCchCp.pmiurCommonRelease	Sum	erttbh, Sum
pmiurtransportbearerrelease	ACCUMULATION	INT8	- Obsolete in P5,	ManagedElement_RncFunction_IurLink_IurCchCp.pmiurTransportBearerRelease	Sum	erttbh, Sum

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		IurCch Cp- Number of Iur Transpo rt Bearer release.		
--	--	--	--	--

7.55.4 Neighbour_RNC.Ericsson.UMTS.DCH_Frames

Dch Frames statistics.

KPI	Type	Data Type	Description	Derivation	Default Aggregator	Other Aggregators
pmDchFramesOutOfSequenceUl	ACCUMULATION	INTEGER	The number of Iur DCH Frame Protocol frames received out-of-sequence in the uplink direction in SRNC.	ManagedElement_RncFunction_IurLink.pmDchFramesOutOfSequenceUl	Sum	erttbh, Sum
pmEdchDataFrameDelayIub_Avg	INTENSITY	FLOAT	Enhanced Uplink Iub dynamic delay measurement results. Stores the number	ManagedElement_RncFunction_IurLink.pmEdchDataFrameDelayIub_Avg	Average	Average, erttbh, Maximum, Minimum, Sum

			of times that the measured delay matches the interval, defined in ms.			
pmEdchDataFrameDelayIub_Max	INTENSITY	FLOAT	Maximum Average Enhanced Uplink Iub dynamic delay measurement results. Stores the number of times that the measured delay matches the interval, defined in ms.	ManagedElement_RncFunction_IurLink.pmEdchDataFrameDelayIub_Max	Constant	Average, erttbh, Maximum, Minimum, Sum
pmEdchDataFrameDelayIub_Min	INTENSITY	FLOAT	Minimum Enhanced Uplink Iub dynamic	ManagedElement_RncFunction_IurLink.pmEdchDataFrameDelayIub_Min	Minimum	Average, erttbh, Maximum, Minimum, Sum

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			c delay measurement results. Stores the number of times that the measured delay matches the interval, defined in ms.			
pmEdchDataFramesLost	ACCUMULATION	INTEGER	Number of lost E-DCH data frames.	ManagedElement_RncFunction_IurLink.pmEdchDataFramesLost	Sum	erttbh, Sum
pmEdchDataFramesReceived	ACCUMULATION	INTEGER	Number of correctly received E-DCH data frames.	ManagedElement_RncFunction_IurLink.pmEdchDataFramesReceived	Sum	erttbh, Sum

7.55.5 Neighbour_RNC.Ericsson.UMTS.Link_Availability

Iur link congestion statistics.

KPI	Type	Data Type	Description	Derivation	Default Aggregator	Other Aggregators
pmHsSevereCong	ACCUMULATION	INTEGER	This counter counts the number of severe congestion occurrences detected by	ManagedElement_RncFunction_IurLink.pmHsSevereCong	Sum	erttbh, Sum

			<p>the -CAPACITY ALLOCATIO N Presence Supervision- function in RNC. This is done per Iub/Iur interface. A CAPACITY ALLOCATIO N control frame is expected at least every one second from RBS per flow controlled HS flow. If a CA has not been received for a longer period of time, an HS Severe Congestion is detected. These interface counters shall normally be zero.</p>		
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7.55.6 Neighbour_RNC.Ericsson.UMTS.PDF_pmEdchDataFrameDelayIub

pmEdchDataFrameDelayIub PDF counters

KPI	Type	Data Type	Description	Derivation	Default Aggregator	Other Aggregators
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pmEdchDataFrame DelayIub_0	ACCUMULATION	INTE GER	Enhanced Uplink Iub dynamic delay measurement results between RBS and SRNC, that is, the buffer build-up delay distribution. This pm counter bridges both Iur and Iub and therefore reflects the delay across both. Note that the naming of this measurement uses -Iub- only as part of the name, despite bridging	ManagedElement_RncFunction_IurLink.pmEdchDataFrameDelayIub_0	Sum	
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			both Iub and Iur.			
pmEdchDataFrameDelayIub_10	ACCUMULATION	INTEGER	Enhanced Uplink Iub dynamic delay measurement results between RBS and SRNC, that is, the buffer build-up delay distribution. This pm counter bridges both Iur and Iub and therefore reflects the delay across both. Note that the naming of this measurement	ManagedElement_RncFunction_IurLink.pmEdchDataFrameDelayIub_10	Sum	

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			uses -Iub- only as part of the name, despite bridging both Iub and Iur.			
pmEdchDataFrameDelayIub_11	ACCUMULATION	INTEGER	Enhanced Uplink Iub dynamic delay measurement results between RBS and SRNC, that is, the buffer build-up delay distribution. This pm counter bridges both Iur and Iub and therefore reflects the delay across both. Note that the naming	ManagedElement_RncFunction_IurLink.pmEdchDataFrameDelayIub_11	Sum	

			of this measurement uses -Iub- only as part of the name, despite bridging both Iub and Iur.			
pmEdchDataFrameDelayIub_12	ACCUMULATION	INTEGER	Enhanced Uplink Iub dynamic delay measurement results between RBS and SRNC, that is, the buffer build-up delay distribution. This pm counter bridges both Iur and Iub and therefore	ManagedElement_RncFunction_IurLink.pmEdchDataFrameDelayIub_12	Sum	

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			reflects the delay across both. Note that the naming of this measurement uses -Iub- only as part of the name, despite bridging both Iub and Iur.			
pmEdchDataFrameDelayIub_13	ACCUMULATION	INTEGER	Enhanced Uplink Iub dynamic delay measurement results between RBS and SRNC, that is, the buffer build-up delay distribution. This pm counter bridges both Iur and Iub	ManagedElement_RncFunction_IurLink.pmEdchDataFrameDelayIub_13	Sum	

			and therefore reflects the delay across both. Note that the naming of this measurement uses -Iub- only as part of the name, despite bridging both Iub and Iur.			
pmEdchDataFrameDelayIub_14	ACCUMULATION	INTEGER	Enhanced Uplink Iub dynamic delay measurement results between RBS and SRNC, that is, the buffer build-up	ManagedElement_RncFunction_IurLink.pmEdchDataFrameDelayIub_14	Sum	

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			<p>delay distribution. This pm counter bridges both Iur and Iub and therefore reflects the delay across both. Note that the naming of this measurement uses -Iub- only as part of the name, despite bridging both Iub and Iur.</p>		
pmEdchDataFrameDelayIub_15	ACCUMULATION	INTEGER	Enhanced Uplink Iub dynamic delay measurement results between RBS and SRNC, that is,	ManagedElement_RncFunction_IurLink.pmEdchDataFrameDelayIub_15	Sum

			<p>the buffer build-up delay distribution. This pm counter bridges both Iur and Iub and therefore reflects the delay across both. Note that the naming of this measurement uses -Iub- only as part of the name, despite bridging both Iub and Iur.</p>			
pmEdchDataFrameDelayIub_1	ACCUMULATION	INTEGER	Enhanced Uplink Iub dynamic delay	ManagedElement_RncFunction_IurLink.pmEdchDataFrameDelayIub_1	Sum	

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			<p>measure ment results between RBS and SRNC, that is, the buffer build-up delay distribut ion. This pm counter bridges both Iur and Iub and therefor e reflects the delay across both. Note that the naming of this measure ment uses -Iub- only as part of the name, despite bridging both Iub and Iur.</p>			
pmEdchDataFrame DelayIub_2	ACCUMUL ATION	INTE GER	Enhance d Uplink	ManagedElement_RncFu nction_IurLink.pmEdchD	Sum	

		<p>Iub dynamic delay measurement results between RBS and SRNC, that is, the buffer build-up delay distribution. This pm counter bridges both Iur and Iub and therefore reflects the delay across both. Note that the naming of this measurement uses -Iub- only as part of the</p>	<p>ataFrameDelayIub_2</p>		
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			name, despite bridging both Iub and Iur.			
pmEdchDataFrameDelayIub_3	ACCUMULATION	INTEGER	Enhanced Uplink Iub dynamic delay measurement results between RBS and SRNC, that is, the buffer build-up delay distribution. This pm counter bridges both Iur and Iub and therefore reflects the delay across both. Note that the naming of this measurement uses -Iub-	ManagedElement_RncFunction_IurLink.pmEdchDataFrameDelayIub_3	Sum	

			only as part of the name, despite bridging both Iub and Iur.			
pmEdchDataFrameDelayIub_4	ACCUMULATION	INTEGER	Enhanced Uplink Iub dynamic delay measurement results between RBS and SRNC, that is, the buffer build-up delay distribution. This pm counter bridges both Iur and Iub and therefore reflects the delay across both.	ManagedElement_RncFunction_IurLink.pmEdchDataFrameDelayIub_4	Sum	

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			Note that the naming of this measurement uses -Iub- only as part of the name, despite bridging both Iub and Iur.			
pmEdchDataFrameDelayIub_5	ACCUMULATION	INTEGER	Enhanced Uplink Iub dynamic delay measurement results between RBS and SRNC, that is, the buffer build-up delay distribution. This pm counter bridges both Iur and Iub and therefore reflects the	ManagedElement_RncFunction_IurLink.pmEdchDataFrameDelayIub_5	Sum	

			delay across both. Note that the naming of this measurement uses -Iub- only as part of the name, despite bridging both Iub and Iur.			
pmEdchDataFrameDelayIub_6	ACCUMULATION	INTEGENER	Enhanced Uplink Iub dynamic delay measurement results between RBS and SRNC, that is, the buffer build-up delay distribution. This pm counter	ManagedElement_RncFunction_IurLink.pmEdchDataFrameDelayIub_6	Sum	

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			bridges both Iur and Iub and therefore reflects the delay across both. Note that the naming of this measurement uses -Iub- only as part of the name, despite bridging both Iub and Iur.		
pmEdchDataFrameDelayIub_7	ACCUMULATION	INTEGER	Enhanced Uplink Iub dynamic delay measurement results between RBS and SRNC, that is, the buffer build-up delay distribut	ManagedElement_RncFunction_IurLink.pmEdchDataFrameDelayIub_7	Sum

			ion. This pm counter bridges both Iur and Iub and therefore reflects the delay across both. Note that the naming of this measurement uses -Iub- only as part of the name, despite bridging both Iub and Iur.			
pmEdchDataFrameDelayIub_8	ACCUMULATION	INTEGER	Enhanced Uplink Iub dynamic delay measurement results between RBS	ManagedElement_RncFunction_IurLink.pmEdchDataFrameDelayIub_8	Sum	

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			and SRNC, that is, the buffer build-up delay distribution. This pm counter bridges both Iur and Iub and therefore reflects the delay across both. Note that the naming of this measurement uses -Iub- only as part of the name, despite bridging both Iub and Iur.			
pmEdchDataFrameDelayIub_9	ACCUMULATION	INTEGER	Enhanced Uplink Iub dynamic delay measurement	ManagedElement_RncFunction_IurLink.pmEdchDataFrameDelayIub_9	Sum	

			results between RBS and SRNC, that is, the buffer build-up delay distribution. This pm counter bridges both Iur and Iub and therefore reflects the delay across both. Note that the naming of this measurement uses -Iub- only as part of the name, despite bridging both Iub and Iur.		
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7.55.7 Neighbour_RNC.Ericsson.UMTS.RAB_handling

IurLink RAB handling statistics.

KPI	Type	Data Type	Description	Derivation	Default Aggregator	Other Aggregators
pmNoNormalRabReleaseCs64	ACCUMULATION	INT8	Number of successful normal RAB releases (CS Conversational 64 kbps [UDI]) referred to the Best Cell in the Active Set.	ManagedElement_RncFunction_IurLink.pmNoNormalRabReleaseCs64	Sum	erttbh, Sum
pmNoNormalRabReleaseCsStream	ACCUMULATION	INT8	Number of successful normal RAB releases (CS Streaming) referred to the Best Cell in the Active Set.	ManagedElement_RncFunction_IurLink.pmNoNormalRabReleaseCsStream	Sum	erttbh, Sum

pmNoNormalRabReleasePacket	ACCUMULATION	INT8	Number of successful normal RAB releases (PS Data) referred to the best Cell in the Active Set.	ManagedElement_RncFunction_IurLink.pmNoNormalRabReleasePacket	Sum	erttbh, Sum
pmNoNormalRabReleasePacketStream	ACCUMULATION	INT8	Number of successful normal RAB releases (PS Streaming) referred to the best Cell in the Active Set.	ManagedElement_RncFunction_IurLink.pmNoNormalRabReleasePacketStream	Sum	erttbh, Sum
pmNoNormalRabReleaseSpeech	ACCUMULATION	INT8	Number of successful normal RAB releases (Speech) referred	ManagedElement_RncFunction_IurLink.pmNoNormalRabReleaseSpeech	Sum	erttbh, Sum

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			to the Best Cell in the Active Set.			
pmNoSystemRabReleaseCs64	ACCUMULATION	INT8	Number of successful system RAB releases (CS Conversational 64 kbps [UDI]) referred to the Best Cell in the Active Set.	ManagedElement_RncFunction_IurLink.pmNoSystemRabReleaseCs64	Sum	erttbh, Sum
pmNoSystemRabReleaseCsStream	ACCUMULATION	INT8	Number of successful system RAB releases (CS Streaming) referred to the Best Cell in the Active Set.	ManagedElement_RncFunction_IurLink.pmNoSystemRabReleaseCsStream	Sum	erttbh, Sum
pmNoSystemRabReleasePacket	ACCUMULATION	INT8	Number of	ManagedElement_RncFunction_IurLink.pmNoSystemRab	Sum	erttbh, Sum

			successful system RAB releases (PS Data) referred to the Best Cell in the Active Set.	ReleasePacket		
pmNoSystemRabReleasePacketStream	ACCUMULATION	INT8	Number of successful system RAB releases (PS Streaming) referred to the Best Cell in the Active Set.	ManagedElement_RncFunction_IurLink.pmNoSystemRabReleasePacketStream	Sum	erttbh, Sum
pmNoSystemRabReleaseSpeech	ACCUMULATION	INT8	Number of successful system RAB releases (Speech) referred	ManagedElement_RncFunction_IurLink.pmNoSystemRabReleaseSpeech	Sum	erttbh, Sum

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			to the Best Cell in the Active Set.		
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7.55.8 Neighbour_RNC.Ericsson.UMTS.soft_softer_handover

Soft softer handover statistics.

KPI	Type	Data Type	Description	Derivation	Default Aggregator	Other Aggregators
pmnoofrlfordriftinguesperdrnc	INTENSITY	FLOAT	Current number of RLS assigned in cells belonging to the DRNC, for UEs that are served by this RNC.	ManagedElement_RncFunction_IurLink.pmNoOfRIForDriftingUesPerDrnc	Average	Average, erttbh, Maximum, Minimum, Sum

7.56 Nni_SAAL_Tp Performance Indicators

This section shows the key performance indicators and other counters for the Nni_SAAL_Tp object, divided into the following sub-sections:

- [Nni_SAAL_Tp.Ericsson.UMTS.NNI_SAAL](#)

7.56.1 Nni_SAAL_Tp.Ericsson.UMTS.NNI_SAAL

UTRAN NNI_SAAL signaling.

KPI	Type	Data Type	Description	Derivation	Default Aggregator	Other Aggregators
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<p>pmLinkInServiceTime</p>	<p>ACCUMULATION</p>	<p>INT8</p>	<p>Accumulated time (in seconds) the signalling link has been in service (in assured data transfer mode) since it was created. If the link is down the value 0 is returned.</p>	<p>RNC_NniSAalTp_Signaling.pmLinkInServiceTime or NODEB_NniSAalTp_Signaling.pmLinkInServiceTime or RXI_NniSAalTp_Signaling.pmLinkInServiceTime</p>	<p>Sum</p>	<p>erttbh, Sum</p>
<p>pmNoOfAlignmentFailures</p>	<p>ACCUMULATION</p>	<p>INT8</p>	<p>Number of alignment or proving failures. This counter is increased when alignment not successful. The counter is reset when the link is</p>	<p>RNC_NniSAalTp_Signaling.pmNoOfAlignmentFailures or NODEB_NniSAalTp_Signaling.pmNoOfAlignmentFailures or RXI_NniSAalTp_Signaling.pmNoOfAlignmentFailures</p>	<p>Sum</p>	<p>erttbh, Sum</p>

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			created or the counter overflows.			
pmNoOfAllSLFailures	ACCUMULATION	INT8	Number of all signalling link failures. The counter is a total sum of the error counters: - Number of protocol errors - - Number of unsuccessfully retransmissions - - Number of No Responses - - Number of other errors.	RNC_NniSAaTp_Signaling.pmNoOfAllSLFailures or NODEB_NniSAaTp_Signaling.pmNoOfAllSLFailures or RXI_NniSAaTp_Signaling.pmNoOfAllSLFailures	Sum	erttbh, Sum
pmNoOfLocalCongestions	ACCUMULATION	INT8	Number of local congestions. This counter is increased when the sum of SAaL send and retransmission	RNC_NniSAaTp_Signaling.pmNoOfLocalCongestions or NODEB_NniSAaTp_Signaling.pmNoOfLocalCongestions or RXI_NniSAaTp_Signaling.pmNoOfLocalCongestions	Sum	erttbh, Sum

			buffers are filled to more than 90 percent.			
pmNoOfNoResponses	ACCUMULATION	INT8	Number of no response. The counter counts the number of no responses detected the last 30 minutes.	RNC_NniSAaTp_Signaling.pmNoOfNoResponses or NODEB_NniSAaTp_Signaling.pmNoOfNoResponses or RXI_NniSAaTp_Signaling.pmNoOfNoResponses	Sum	erttbh, Sum
pmNoOfOtherErrors	ACCUMULATION	INT8	Number of other list element errors. The counter counts the number of other errors detected the last 30 minutes.	RNC_NniSAaTp_Signaling.pmNoOfOtherErrors or NODEB_NniSAaTp_Signaling.pmNoOfOtherErrors or RXI_NniSAaTp_Signaling.pmNoOfOtherErrors	Sum	erttbh, Sum
pmNoOfProtocolErrors	ACCUMULATION	INT8	Number of unsolicited or	RNC_NniSAaTp_Signaling.pmNoOfProtocolErrors or NODEB_NniSAaTp_Signaling.pmNoOfProtocolErrors	Sum	erttbh, Sum

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			inappropriate PDUs. The counter counts the number of protocol errors detected the last 30 minutes.	or RXI_NniSAalTp_Signaling. pmNoOfProtocolErrors		
pmNoOfReceivedSDUs	ACCUMULATION	INT8	Number of successfully received SDUs. The counter counts the number of successfully received messages from the application using SAaL. Reset when the link goes In Service or the counter overflows.	RNC_NniSAalTp_Signaling. .pmNoOfReceivedSDUs or NODEB_NniSAalTp_Signaling. pmNoOfReceivedSDUs or RXI_NniSAalTp_Signaling. pmNoOfReceivedSDUs	Sum	erttbh, Sum
pmNoOfRemoteCon	ACCUMUL	IN	Number	RNC_NniSAalTp_Signaling	Sum	erttbh,

gestions	ATION	T8	of remote congestions. This counter is increased when the remote side gives SAaL no credit. Reset when the link goes In Service or the counter overflows.	.pmNoOfRemoteCongestions or NODEB_NniSAaTp_Signaling.pmNoOfRemoteCongestions or RXI_NniSAaTp_Signaling.pmNoOfRemoteCongestions	Sum	
pmNoOfSentSDUs	ACCUMULATION	INT8	Number of successfully sent SDUs. The counter counts the number of successfully sent messages to the application using SAaL. Reset when the link goes	RNC_NniSAaTp_Signaling.pmNoOfSentSDUs or NODEB_NniSAaTp_Signaling.pmNoOfSentSDUs or RXI_NniSAaTp_Signaling.pmNoOfSentSDUs	Sum	erttbh, Sum

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			In Service or the counter overflows.		
pmNoOfSequenceDataLosses	ACCUMULATION	INT8	Number of sequence data loss The counter counts the number of SD loss detected the last 30 minutes.	RNC_NniSAalTp_Signaling.pmNoOfSequenceDataLosses or NODEB_NniSAalTp_Signaling.pmNoOfSequenceDataLosses or RXI_NniSAalTp_Signaling.pmNoOfSequenceDataLosses	Sum erttbh, Sum
pmNoOfUnsuccReTransmissions	ACCUMULATION	INT8	Number of unsuccessful retransmissions The counter counts the number of unsuccessfully retransmissions detected the last 30 minutes.	RNC_NniSAalTp_Signaling.pmNoOfUnsuccReTransmissions or NODEB_NniSAalTp_Signaling.pmNoOfUnsuccReTransmissions or RXI_NniSAalTp_Signaling.pmNoOfUnsuccReTransmissions	Sum erttbh, Sum

7.57 NodeB Performance Indicators

This section shows the key performance indicators and other counters for the NodeB object, divided into the following sub-sections:

- [NodeB.Ericsson.UMTS.Channel_element_utilisation](#)
- [NodeB.Ericsson.UMTS.Downlink_Pool](#)
- [NodeB.Ericsson.UMTS.Frame_Delay_SPI](#)
- [NodeB.Ericsson.UMTS.Frame_Lost_SPI](#)
- [NodeB.Ericsson.UMTS.Frame_Received_SPI](#)
- [NodeB.Ericsson.UMTS.hardware_usage_statistics](#)
- [NodeB.Ericsson.UMTS.IubDataStreams.Hardware_usage](#)
- [NodeB.Ericsson.UMTS.NBAP](#)
- [NodeB.Ericsson.UMTS.PDF_pmCapacityNodeBDICe](#)
- [NodeB.Ericsson.UMTS.PDF_pmCapacityNodeBUICe](#)
- [NodeB.Ericsson.UMTS.PDF_pmHsDataFrameDelayIubSpi00](#)
- [NodeB.Ericsson.UMTS.PDF_pmHsDataFrameDelayIubSpi01](#)
- [NodeB.Ericsson.UMTS.PDF_pmHsDataFrameDelayIubSpi02](#)
- [NodeB.Ericsson.UMTS.PDF_pmHsDataFrameDelayIubSpi03](#)
- [NodeB.Ericsson.UMTS.PDF_pmHsDataFrameDelayIubSpi04](#)
- [NodeB.Ericsson.UMTS.PDF_pmHsDataFrameDelayIubSpi05](#)
- [NodeB.Ericsson.UMTS.PDF_pmHsDataFrameDelayIubSpi06](#)
- [NodeB.Ericsson.UMTS.PDF_pmHsDataFrameDelayIubSpi07](#)
- [NodeB.Ericsson.UMTS.PDF_pmHsDataFrameDelayIubSpi08](#)
- [NodeB.Ericsson.UMTS.PDF_pmHsDataFrameDelayIubSpi09](#)
- [NodeB.Ericsson.UMTS.PDF_pmHsDataFrameDelayIubSpi10](#)
- [NodeB.Ericsson.UMTS.PDF_pmHsDataFrameDelayIubSpi11](#)
- [NodeB.Ericsson.UMTS.PDF_pmHsDataFrameDelayIubSpi12](#)
- [NodeB.Ericsson.UMTS.PDF_pmHsDataFrameDelayIubSpi13](#)
- [NodeB.Ericsson.UMTS.PDF_pmHsDataFrameDelayIubSpi14](#)
- [NodeB.Ericsson.UMTS.PDF_pmHsDataFrameDelayIubSpi15](#)
- [NodeB.Ericsson.UMTS.PDF_pmIubMacdPduRbsReceivedBits](#)
- [NodeB.Ericsson.UMTS.Uplink_Pool](#)

7.57.1 NodeB.Ericsson.UMTS.Channel_element_utilisation

Channel element utilisation data.

KPI	Type	Data Type	Description	Derivation	Default Aggregator	Other Aggregators
-----	------	-----------	-------------	------------	--------------------	-------------------

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pmCapacityNodeBDICe_Avg	INTENSITY	FLOAT	Average: The distribution of the RBS DL Channel Element utilization (for all DL baseband pools), as percentages of the corresponding license limit.	ManagedElement.pmCapacityNodeBDICe_Avg	Average	enblbh, Sum, Minimum, Maximum
pmCapacityNodeBDICe_Max	INTENSITY	INTEGER	Maximum: The distribution of the RBS DL Channel Element utilization (for all DL baseband pools), as percentages of the corresponding license limit.	ManagedElement.pmCapacityNodeBDICe_Max	Average	enblbh, Sum, Minimum, Maximum
pmCapacityNodeBDICe_Min	INTENSITY	INTEGER	Minimum: The distribution of the RBS DL Channel Element utilization (for all	ManagedElement.pmCapacityNodeBDICe_Min	Average	enblbh, Sum, Minimum, Maximum

			DL baseband pools), as percentages of the corresponding license limit.			
pmCapacityNodeBUICe_Avg	INTENSITY	FLOAT	Average: The distribution of the RBS UL Channel Element utilization (for all UL baseband pools), as percentages of the corresponding license limit.	ManagedElement.pmCapacityNodeBUICe_Avg	Average	enblbh, Sum, Minimum, Maximum
pmCapacityNodeBUICe_Max	INTENSITY	INTEGER	Maximum: The distribution of the RBS UL Channel Element utilization (for all UL baseband pools), as percentag	ManagedElement.pmCapacityNodeBUICe_Max	Average	enblbh, Sum, Minimum, Maximum

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			es of the corresponding license limit.			
pmCapacityNodeBUICe_Min	INTENSITY	INTEGER	Minimum: The distribution of the RBS UL Channel Element utilization (for all UL baseband pools), as percentages of the corresponding license limit.	ManagedElement.pmCapacityNodeBUICe_Min	Average	enblbh, Sum, Minimum, Maximum

7.57.2 NodeB.Ericsson.UMTS.Downlink_Pool

Downlink baseband pool utilization statistics.

KPI	Type	Data Type	Description	Derivation	Default Aggregator	Other Aggregators
pmDIActPeakCapUsageInPoLicLevel	INTENSITY	INT8	The actual DL peak capacity use in the Downlink baseband	ManagedElement.pmDIActPeakCapUsageInPoLicLevel	Average	Average, enblbh, Maximum, Minimum, Sum

			pool.			
pmNoOfGrantDIEstAboveLicLevel	ACCUMULATION	INT8	DL capacity granted above Lic level.	ManagedElement.pmNoOfGrantDIEstAboveLicLevel	Sum	enblbh, Sum

7.57.3 NodeB.Ericsson.UMTS.Frame_Delay_SPI

Frames delayed statistics.

KPI	Type	Data Type	Description	Derivation	Default Aggregator	Other Aggregators
pmHsDataFrameDelayIubSpi00_Avg	INTENSITY	FLOAT	This PDF gives the dynamic delay for all defined scheduled HS-DSCH data frame flows carried over Iub. This is needed as the basis for adjusting the hsDataFrameDelayThreshold attribute. Each counter observes a specific SPI. The different flows are configured ON/OFF using RBS MOM parameter	ME_NodeBFunction_IubDataStreams.pmHsDataFrameDelayIubSpi00_Avg	Average	Average, enblbh, Maximum, Minimum, Sum

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			IubDataStreams: : schHsFlowControlOnOff.		
pmHsDataFrameDelayIubSpi00_Max	INTENSITY	FLOAT	This PDF gives the dynamic delay for all defined scheduled HS-DSCH data frame flows carried over Iub. This is needed as the basis for adjusting the hsDataFrameDelayThreshold attribute. Each counter observes a specific SPI. The different flows are configured ON/OFF using RBS MOM parameter IubDataStreams: : schHsFlowControlOnOff.	ME_NodeBFunction_IubDataStreams.pmHsDataFrameDelayIubSpi00_Max	Constant Average, enblbh, Maximum, Minimum, Sum
pmHsDataFrameDelayIubSpi00_Min	INTENSITY	FLOAT	This PDF gives the dynamic delay for all defined scheduled HS-DSCH data frame flows carried over Iub. This is needed as the basis for adjusting the hsDataFrameDelayThreshold attribute. Each counter observes a specific SPI.	ME_NodeBFunction_IubDataStreams.pmHsDataFrameDelayIubSpi00_Min	Minimum Average, enblbh, Maximum, Minimum, Sum

			The different flows are configured ON/OFF using RBS MOM parameter IubDataStreams: : schHsFlowControlOnOff.			
pmHsDataFrameDelayIubSpi01_Avg	INTENSITY	FLOW	This PDF gives the dynamic delay for all defined scheduled HS-DSCH data frame flows carried over Iub. This is needed as the basis for adjusting the hsDataFrameDelayThreshold attribute. Each counter observes a specific SPI. The different flows are configured ON/OFF using RBS MOM parameter IubDataStreams: : schHsFlowControlOnOff.	ME_NodeBFunction_IubDataStreams.pmHsDataFrameDelayIubSpi01_Avg	Average	Average, enblbh, Maximum, Minimum, Sum
pmHsDataFrameDelayIubSpi01_Max	INTENSITY	FLOW	This PDF gives the dynamic delay for all defined scheduled HS-DSCH data	ME_NodeBFunction_IubDataStreams.pmHsDataFrameDelayIubSpi01_Max	Constant	Average, enblbh, Maximum, Minimum

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			<p>frame flows carried over Iub. This is needed as the basis for adjusting the hsDataFrameDelayThreshold attribute. Each counter observes a specific SPI. The different flows are configured ON/OFF using RBS MOM parameter IubDataStreams: : schHsFlowControlOnOff.</p>			um, Sum
pmHsDataFrameDelayIubSpi01_Min	INTENSITY	FLOW	<p>This PDF gives the dynamic delay for all defined scheduled HS-DSCH data frame flows carried over Iub. This is needed as the basis for adjusting the hsDataFrameDelayThreshold attribute. Each counter observes a specific SPI. The different flows are configured ON/OFF using RBS MOM parameter IubDataStreams: : schHsFlowControlOnOff.</p>	ME_NodeBFunction_IubDataStreams.pmHsDataFrameDelayIubSpi01_Min	Minimum	Average, enblbh, Maximum, Minimum, Sum
pmHsDataFrameD	INTE	FL	This PDF gives	ME_NodeBFunction_IubDat	Avera	Averag

elayIubSpi02_Avg	NSITY	OAT	the dynamic delay for all defined scheduled HS-DSCH data frame flows carried over Iub. This is needed as the basis for adjusting the hsDataFrameDelayThreshold attribute. Each counter observes a specific SPI. The different flows are configured ON/OFF using RBS MOM parameter IubDataStreams: : schHsFlowControlOnOff.	aStreams.pmHsDataFrameDelayIubSpi02_Avg	ge	e, enlbh, Maximum, Minimum, Sum
pmHsDataFrameDelayIubSpi02_Max	INTE NSITY	FL OAT	This PDF gives the dynamic delay for all defined scheduled HS-DSCH data frame flows carried over Iub. This is needed as the basis for adjusting the hsDataFrameDelayThreshold attribute. Each counter observes a specific SPI.	ME_NodeBFunction_IubDataStreams.pmHsDataFrameDelayIubSpi02_Max	Constant	Average, enlbh, Maximum, Minimum, Sum

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			The different flows are configured ON/OFF using RBS MOM parameter IubDataStreams: : schHsFlowControlOnOff.			
pmHsDataFrameDelayIubSpi02_Min	INTENSITY	FLOAT	This PDF gives the dynamic delay for all defined scheduled HS-DSCH data frame flows carried over Iub. This is needed as the basis for adjusting the hsDataFrameDelayThreshold attribute. Each counter observes a specific SPI. The different flows are configured ON/OFF using RBS MOM parameter IubDataStreams: : schHsFlowControlOnOff.	ME_NodeBFunction_IubDataStreams.pmHsDataFrameDelayIubSpi02_Min	Minimum	Average, enlbh, Maximum, Minimum, Sum
pmHsDataFrameDelayIubSpi03_Avg	INTENSITY	FLOAT	This PDF gives the dynamic delay for all defined scheduled HS-DSCH data frame flows carried over Iub. This is needed as the basis for adjusting the	ME_NodeBFunction_IubDataStreams.pmHsDataFrameDelayIubSpi03_Avg	Average	Average, enlbh, Maximum, Minimum, Sum

			hsDataFrameDelayThreshold attribute. Each counter observes a specific SPI. The different flows are configured ON/OFF using RBS MOM parameter IubDataStreams: : schHsFlowControlOnOff.			
pmHsDataFrameDelayIubSpi03_Max	INTENSITY	FLOW	This PDF gives the dynamic delay for all defined scheduled HS-DSCH data frame flows carried over Iub. This is needed as the basis for adjusting the hsDataFrameDelayThreshold attribute. Each counter observes a specific SPI. The different flows are configured ON/OFF using RBS MOM parameter IubDataStreams: : schHsFlowControlOnOff.	ME_NodeBFunction_IubDataStreams.pmHsDataFrameDelayIubSpi03_Max	Constant	Average, enlbh, Maximum, Minimum, Sum
pmHsDataFrameD	INTE	FL	This PDF gives	ME_NodeBFunction_IubDat	Minim	Averag

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elayIubSpi03_Min	NSITY	OAT	<p>the dynamic delay for all defined scheduled HS-DSCH data frame flows carried over Iub. This is needed as the basis for adjusting the hsDataFrameDelayThreshold attribute. Each counter observes a specific SPI. The different flows are configured ON/OFF using RBS MOM parameter IubDataStreams: : schHsFlowControlOnOff.</p>	aStreams.pmHsDataFrameDelayIubSpi03_Min	um	e, enlbh, Maximum, Minimum, Sum
pmHsDataFrameDelayIubSpi04_Avg	INTE NSITY	FL OAT	<p>This PDF gives the dynamic delay for all defined scheduled HS-DSCH data frame flows carried over Iub. This is needed as the basis for adjusting the hsDataFrameDelayThreshold attribute. Each counter observes a specific SPI. The different flows are configured ON/OFF using RBS MOM parameter</p>	ME_NodeBFunction_IubDataStreams.pmHsDataFrameDelayIubSpi04_Avg	Averag e	Averag e, enlbh, Maximum, Minimum, Sum

			IubDataStreams: : schHsFlowContr olOnOff.			
pmHsDataFrameDelayIubSpi04_Max	INTE NSITY	FL OA T	This PDF gives the dynamic delay for all defined scheduled HS-DSCH data frame flows carried over Iub. This is needed as the basis for adjusting the hsDataFrameDelayThreshold attribute. Each counter observes a specific SPI. The different flows are configured ON/OFF using RBS MOM parameter IubDataStreams: : schHsFlowContr olOnOff.	ME_NodeBFunction_IubDataStreams.pmHsDataFrameDelayIubSpi04_Max	Consta nt	Averag e, enblbh, Maxim um, Minim um, Sum
pmHsDataFrameDelayIubSpi04_Min	INTE NSITY	FL OA T	This PDF gives the dynamic delay for all defined scheduled HS-DSCH data frame flows carried over Iub. This is needed as the basis for adjusting the	ME_NodeBFunction_IubDataStreams.pmHsDataFrameDelayIubSpi04_Min	Minim um	Averag e, enblbh, Maxim um, Minim um, Sum

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			<p>hsDataFrameDelayThreshold attribute. Each counter observes a specific SPI. The different flows are configured ON/OFF using RBS MOM parameter IubDataStreams: : schHsFlowControlOnOff.</p>			
pmHsDataFrameDelayIubSpi05_Avg	INTENSITY	FLOW	<p>This PDF gives the dynamic delay for all defined scheduled HS-DSCH data frame flows carried over Iub. This is needed as the basis for adjusting the hsDataFrameDelayThreshold attribute. Each counter observes a specific SPI. The different flows are configured ON/OFF using RBS MOM parameter IubDataStreams: : schHsFlowControlOnOff.</p>	ME_NodeBFunction_IubDataStreams.pmHsDataFrameDelayIubSpi05_Avg	Average	Average, enblbh, Maximum, Minimum, Sum
pmHsDataFrameDelayIubSpi05_Max	INTENSITY	FLOW	<p>This PDF gives the dynamic delay for all defined scheduled HS-DSCH data</p>	ME_NodeBFunction_IubDataStreams.pmHsDataFrameDelayIubSpi05_Max	Constant	Average, enblbh, Maximum, Minimum

			<p>frame flows carried over Iub. This is needed as the basis for adjusting the hsDataFrameDelayThreshold attribute. Each counter observes a specific SPI. The different flows are configured ON/OFF using RBS MOM parameter IubDataStreams: : schHsFlowControlOnOff.</p>		um, Sum
pmHsDataFrameDelayIubSpi05_Min	INTENSITY	FLOW	<p>This PDF gives the dynamic delay for all defined scheduled HS-DSCH data frame flows carried over Iub. This is needed as the basis for adjusting the hsDataFrameDelayThreshold attribute. Each counter observes a specific SPI. The different flows are configured ON/OFF using RBS MOM parameter</p>	ME_NodeBFunction_IubDataStreams.pmHsDataFrameDelayIubSpi05_Min	Minimum, Average, enblbh, Maximum, Minimum, Sum

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			IubDataStreams: : schHsFlowControlOnOff.		
pmHsDataFrameDelayIubSpi06_Avg	INTENSITY	FLOAT	This PDF gives the dynamic delay for all defined scheduled HS-DSCH data frame flows carried over Iub. This is needed as the basis for adjusting the hsDataFrameDelayThreshold attribute. Each counter observes a specific SPI. The different flows are configured ON/OFF using RBS MOM parameter IubDataStreams: : schHsFlowControlOnOff.	ME_NodeBFunction_IubDataStreams.pmHsDataFrameDelayIubSpi06_Avg	Average, enblbh, Maximum, Minimum, Sum
pmHsDataFrameDelayIubSpi06_Max	INTENSITY	FLOAT	This PDF gives the dynamic delay for all defined scheduled HS-DSCH data frame flows carried over Iub. This is needed as the basis for adjusting the hsDataFrameDelayThreshold attribute. Each counter observes a specific SPI.	ME_NodeBFunction_IubDataStreams.pmHsDataFrameDelayIubSpi06_Max	Constant, Average, enblbh, Maximum, Minimum, Sum

			The different flows are configured ON/OFF using RBS MOM parameter IubDataStreams: : schHsFlowControlOnOff.			
pmHsDataFrameDelayIubSpi06_Min	INTENSITY	FLOW	This PDF gives the dynamic delay for all defined scheduled HS-DSCH data frame flows carried over Iub. This is needed as the basis for adjusting the hsDataFrameDelayThreshold attribute. Each counter observes a specific SPI. The different flows are configured ON/OFF using RBS MOM parameter IubDataStreams: : schHsFlowControlOnOff.	ME_NodeBFunction_IubDataStreams.pmHsDataFrameDelayIubSpi06_Min	Minimum	Average, enblbh, Maximum, Minimum, Sum
pmHsDataFrameDelayIubSpi07_Avg	INTENSITY	FLOW	This PDF gives the dynamic delay for all defined scheduled HS-DSCH data	ME_NodeBFunction_IubDataStreams.pmHsDataFrameDelayIubSpi07_Avg	Average	Average, enblbh, Maximum, Minimum

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			<p>frame flows carried over Iub. This is needed as the basis for adjusting the hsDataFrameDelayThreshold attribute. Each counter observes a specific SPI. The different flows are configured ON/OFF using RBS MOM parameter IubDataStreams: : schHsFlowControlOnOff.</p>			um, Sum
pmHsDataFrameDelayIubSpi07_Max	INTENSITY	FLOW	<p>This PDF gives the dynamic delay for all defined scheduled HS-DSCH data frame flows carried over Iub. This is needed as the basis for adjusting the hsDataFrameDelayThreshold attribute. Each counter observes a specific SPI. The different flows are configured ON/OFF using RBS MOM parameter IubDataStreams: : schHsFlowControlOnOff.</p>	ME_NodeBFunction_IubDataStreams.pmHsDataFrameDelayIubSpi07_Max	Constant	Average, enblbh, Maximum, Minimum, Sum
pmHsDataFrameD	INTE	FL	This PDF gives	ME_NodeBFunction_IubDat	Minim	Averag

<p>elayIubSpi07_Min</p>	<p>NSITY</p>	<p>OAT</p>	<p>the dynamic delay for all defined scheduled HS-DSCH data frame flows carried over Iub. This is needed as the basis for adjusting the hsDataFrameDelayThreshold attribute. Each counter observes a specific SPI. The different flows are configured ON/OFF using RBS MOM parameter IubDataStreams: : schHsFlowControlOnOff.</p>	<p>aStreams.pmHsDataFrameDelayIubSpi07_Min</p>	<p>um</p>	<p>e, enlbh, Maximum, Minimum, Sum</p>
<p>pmHsDataFrameDelayIubSpi08_Avg</p>	<p>INTE NSITY</p>	<p>FL OAT</p>	<p>This PDF gives the dynamic delay for all defined scheduled HS-DSCH data frame flows carried over Iub. This is needed as the basis for adjusting the hsDataFrameDelayThreshold attribute. Each counter observes a specific SPI.</p>	<p>ME_NodeBFunction_IubDataStreams.pmHsDataFrameDelayIubSpi08_Avg</p>	<p>Average</p>	<p>Average, enlbh, Maximum, Minimum, Sum</p>

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			The different flows are configured ON/OFF using RBS MOM parameter IubDataStreams: : schHsFlowControlOnOff.			
pmHsDataFrameDelayIubSpi08_Max	INTENSITY	FLOAT	This PDF gives the dynamic delay for all defined scheduled HS-DSCH data frame flows carried over Iub. This is needed as the basis for adjusting the hsDataFrameDelayThreshold attribute. Each counter observes a specific SPI. The different flows are configured ON/OFF using RBS MOM parameter IubDataStreams: : schHsFlowControlOnOff.	ME_NodeBFunction_IubDataStreams.pmHsDataFrameDelayIubSpi08_Max	Constant	Average, enblbh, Maximum, Minimum, Sum
pmHsDataFrameDelayIubSpi08_Min	INTENSITY	FLOAT	This PDF gives the dynamic delay for all defined scheduled HS-DSCH data frame flows carried over Iub. This is needed as the basis for adjusting the	ME_NodeBFunction_IubDataStreams.pmHsDataFrameDelayIubSpi08_Min	Minimum	Average, enblbh, Maximum, Minimum, Sum

			hsDataFrameDelayThreshold attribute. Each counter observes a specific SPI. The different flows are configured ON/OFF using RBS MOM parameter IubDataStreams: : schHsFlowControlOnOff.			
pmHsDataFrameDelayIubSpi09_Avg	INTENSITY	FLOAT	This PDF gives the dynamic delay for all defined scheduled HS-DSCH data frame flows carried over Iub. This is needed as the basis for adjusting the hsDataFrameDelayThreshold attribute. Each counter observes a specific SPI. The different flows are configured ON/OFF using RBS MOM parameter IubDataStreams: : schHsFlowControlOnOff.	ME_NodeBFunction_IubDataStreams.pmHsDataFrameDelayIubSpi09_Avg	Average	Average, enlbh, Maximum, Minimum, Sum
pmHsDataFrameD	INTE	FL	This PDF gives	ME_NodeBFunction_IubDat	Consta	Averag

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elayIubSpi09_Max	NSITY	OAT	<p>the dynamic delay for all defined scheduled HS-DSCH data frame flows carried over Iub. This is needed as the basis for adjusting the hsDataFrameDelayThreshold attribute. Each counter observes a specific SPI. The different flows are configured ON/OFF using RBS MOM parameter IubDataStreams: : schHsFlowControlOnOff.</p>	aStreams.pmHsDataFrameDelayIubSpi09_Max	nt	e, enlbh, Maximum, Minimum, Sum
pmHsDataFrameDelayIubSpi09_Min	INTE NSITY	FL OAT	<p>This PDF gives the dynamic delay for all defined scheduled HS-DSCH data frame flows carried over Iub. This is needed as the basis for adjusting the hsDataFrameDelayThreshold attribute. Each counter observes a specific SPI. The different flows are configured ON/OFF using RBS MOM parameter</p>	ME_NodeBFunction_IubDataStreams.pmHsDataFrameDelayIubSpi09_Min	Minimum	Average, enlbh, Maximum, Minimum, Sum

			IubDataStreams: : schHsFlowContr olOnOff.		
pmHsDataFrameD elayIubSpi10_Avg	INTE NSITY	FL OA T	This PDF gives the dynamic delay for all defined scheduled HS-DSCH data frame flows carried over Iub. This is needed as the basis for adjusting the hsDataFrameDelayThreshold attribute. Each counter observes a specific SPI. The different flows are configured ON/OFF using RBS MOM parameter IubDataStreams: : schHsFlowContr olOnOff.	ME_NodeBFunction_IubDat aStreams.pmHsDataFrameDe layIubSpi10_Avg	Avera ge Averag e, enblbh, Maxim um, Minim um, Sum
pmHsDataFrameD elayIubSpi10_Max	INTE NSITY	FL OA T	This PDF gives the dynamic delay for all defined scheduled HS-DSCH data frame flows carried over Iub. This is needed as the basis for adjusting the	ME_NodeBFunction_IubDat aStreams.pmHsDataFrameDe layIubSpi10_Max	Consta nt Averag e, enblbh, Maxim um, Minim um, Sum

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			<p>hsDataFrameDelayThreshold attribute. Each counter observes a specific SPI. The different flows are configured ON/OFF using RBS MOM parameter IubDataStreams: : schHsFlowControlOnOff.</p>			
pmHsDataFrameDelayIubSpi10_Min	INTENSITY	FLOAT	<p>This PDF gives the dynamic delay for all defined scheduled HS-DSCH data frame flows carried over Iub. This is needed as the basis for adjusting the hsDataFrameDelayThreshold attribute. Each counter observes a specific SPI. The different flows are configured ON/OFF using RBS MOM parameter IubDataStreams: : schHsFlowControlOnOff.</p>	ME_NodeBFunction_IubDataStreams.pmHsDataFrameDelayIubSpi10_Min	Minimum	Average, enblbh, Maximum, Minimum, Sum
pmHsDataFrameDelayIubSpi11_Avg	INTENSITY	FLOAT	<p>This PDF gives the dynamic delay for all defined scheduled HS-DSCH data</p>	ME_NodeBFunction_IubDataStreams.pmHsDataFrameDelayIubSpi11_Avg	Average	Average, enblbh, Maximum, Minimum

			<p>frame flows carried over Iub. This is needed as the basis for adjusting the hsDataFrameDelayThreshold attribute. Each counter observes a specific SPI. The different flows are configured ON/OFF using RBS MOM parameter IubDataStreams: : schHsFlowControlOnOff.</p>			um, Sum
pmHsDataFrameDelayIubSpi11_Max	INTENSITY	FLOW	<p>This PDF gives the dynamic delay for all defined scheduled HS-DSCH data frame flows carried over Iub. This is needed as the basis for adjusting the hsDataFrameDelayThreshold attribute. Each counter observes a specific SPI. The different flows are configured ON/OFF using RBS MOM parameter</p>	ME_NodeBFunction_IubDataStreams.pmHsDataFrameDelayIubSpi11_Max	Constant	Average, enblbh, Maximum, Minimum, Sum

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			IubDataStreams: : schHsFlowControlOnOff.			
pmHsDataFrameDelayIubSpi11_Min	INTENSITY	FLOAT	This PDF gives the dynamic delay for all defined scheduled HS-DSCH data frame flows carried over Iub. This is needed as the basis for adjusting the hsDataFrameDelayThreshold attribute. Each counter observes a specific SPI. The different flows are configured ON/OFF using RBS MOM parameter IubDataStreams: : schHsFlowControlOnOff.	ME_NodeBFunction_IubDataStreams.pmHsDataFrameDelayIubSpi11_Min	Minimum	Average, enblbh, Maximum, Minimum, Sum
pmHsDataFrameDelayIubSpi12_Avg	INTENSITY	FLOAT	This PDF gives the dynamic delay for all defined scheduled HS-DSCH data frame flows carried over Iub. This is needed as the basis for adjusting the hsDataFrameDelayThreshold attribute. Each counter observes a specific SPI.	ME_NodeBFunction_IubDataStreams.pmHsDataFrameDelayIubSpi12_Avg	Average	Average, enblbh, Maximum, Minimum, Sum

			The different flows are configured ON/OFF using RBS MOM parameter IubDataStreams: : schHsFlowControlOnOff.			
pmHsDataFrameDelayIubSpi12_Max	INTENSITY	FLOW	This PDF gives the dynamic delay for all defined scheduled HS-DSCH data frame flows carried over Iub. This is needed as the basis for adjusting the hsDataFrameDelayThreshold attribute. Each counter observes a specific SPI. The different flows are configured ON/OFF using RBS MOM parameter IubDataStreams: : schHsFlowControlOnOff.	ME_NodeBFunction_IubDataStreams.pmHsDataFrameDelayIubSpi12_Max	Constant	Average, enblbh, Maximum, Minimum, Sum
pmHsDataFrameDelayIubSpi12_Min	INTENSITY	FLOW	This PDF gives the dynamic delay for all defined scheduled HS-DSCH data	ME_NodeBFunction_IubDataStreams.pmHsDataFrameDelayIubSpi12_Min	Minimum	Average, enblbh, Maximum, Minimum

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			<p>frame flows carried over Iub. This is needed as the basis for adjusting the hsDataFrameDelayThreshold attribute. Each counter observes a specific SPI. The different flows are configured ON/OFF using RBS MOM parameter IubDataStreams: : schHsFlowControlOnOff.</p>			um, Sum
pmHsDataFrameDelayIubSpi13_Avg	INTENSITY	FLOW	<p>This PDF gives the dynamic delay for all defined scheduled HS-DSCH data frame flows carried over Iub. This is needed as the basis for adjusting the hsDataFrameDelayThreshold attribute. Each counter observes a specific SPI. The different flows are configured ON/OFF using RBS MOM parameter IubDataStreams: : schHsFlowControlOnOff.</p>	ME_NodeBFunction_IubDataStreams.pmHsDataFrameDelayIubSpi13_Avg	Average	Average, enblbh, Maximum, Minimum, Sum
pmHsDataFrameD	INTE	FL	This PDF gives	ME_NodeBFunction_IubDat	Consta	Averag

elayIubSpi13_Max	NSITY	OAT	the dynamic delay for all defined scheduled HS-DSCH data frame flows carried over Iub. This is needed as the basis for adjusting the hsDataFrameDelayThreshold attribute. Each counter observes a specific SPI. The different flows are configured ON/OFF using RBS MOM parameter IubDataStreams: : schHsFlowControlOnOff.	aStreams.pmHsDataFrameDelayIubSpi13_Max	nt	e, enlbh, Maximum, Minimum, Sum
pmHsDataFrameDelayIubSpi13_Min	INTE NSITY	FL OAT	This PDF gives the dynamic delay for all defined scheduled HS-DSCH data frame flows carried over Iub. This is needed as the basis for adjusting the hsDataFrameDelayThreshold attribute. Each counter observes a specific SPI.	ME_NodeBFunction_IubDataStreams.pmHsDataFrameDelayIubSpi13_Min	Minimum	Average, enlbh, Maximum, Minimum, Sum

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			The different flows are configured ON/OFF using RBS MOM parameter IubDataStreams: : schHsFlowControlOnOff.			
pmHsDataFrameDelayIubSpi14_Avg	INTENSITY	FLOAT	This PDF gives the dynamic delay for all defined scheduled HS-DSCH data frame flows carried over Iub. This is needed as the basis for adjusting the hsDataFrameDelayThreshold attribute. Each counter observes a specific SPI. The different flows are configured ON/OFF using RBS MOM parameter IubDataStreams: : schHsFlowControlOnOff.	ME_NodeBFunction_IubDataStreams.pmHsDataFrameDelayIubSpi14_Avg	Average	Average, enblbh, Maximum, Minimum, Sum
pmHsDataFrameDelayIubSpi14_Max	INTENSITY	FLOAT	This PDF gives the dynamic delay for all defined scheduled HS-DSCH data frame flows carried over Iub. This is needed as the basis for adjusting the	ME_NodeBFunction_IubDataStreams.pmHsDataFrameDelayIubSpi14_Max	Constant	Average, enblbh, Maximum, Minimum, Sum

			hsDataFrameDelayThreshold attribute. Each counter observes a specific SPI. The different flows are configured ON/OFF using RBS MOM parameter IubDataStreams: : schHsFlowControlOnOff.			
pmHsDataFrameDelayIubSpi14_Min	INTENSITY	FLOW	This PDF gives the dynamic delay for all defined scheduled HS-DSCH data frame flows carried over Iub. This is needed as the basis for adjusting the hsDataFrameDelayThreshold attribute. Each counter observes a specific SPI. The different flows are configured ON/OFF using RBS MOM parameter IubDataStreams: : schHsFlowControlOnOff.	ME_NodeBFunction_IubDataStreams.pmHsDataFrameDelayIubSpi14_Min	Minimum	Average, enlbh, Maximum, Minimum, Sum
pmHsDataFrameD	INTE	FL	This PDF gives	ME_NodeBFunction_IubDat	Avera	Averag

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<p>elayIubSpi15_Avg</p>	<p>NSITY</p>	<p>OAT</p>	<p>the dynamic delay for all defined scheduled HS-DSCH data frame flows carried over Iub. This is needed as the basis for adjusting the hsDataFrameDelayThreshold attribute. Each counter observes a specific SPI. The different flows are configured ON/OFF using RBS MOM parameter IubDataStreams: : schHsFlowControlOnOff.</p>	<p>aStreams.pmHsDataFrameDelayIubSpi15_Avg</p>	<p>ge</p>	<p>e, enlbh, Maximum, Minimum, Sum</p>
<p>pmHsDataFrameDelayIubSpi15_Max</p>	<p>INTE NSITY</p>	<p>FL OAT</p>	<p>This PDF gives the dynamic delay for all defined scheduled HS-DSCH data frame flows carried over Iub. This is needed as the basis for adjusting the hsDataFrameDelayThreshold attribute. Each counter observes a specific SPI. The different flows are configured ON/OFF using RBS MOM parameter</p>	<p>ME_NodeBFunction_IubDataStreams.pmHsDataFrameDelayIubSpi15_Max</p>	<p>Constant</p>	<p>Average, enlbh, Maximum, Minimum, Sum</p>

			IubDataStreams: : schHsFlowContr olOnOff.			
pmHsDataFrameDelayIubSpi15_Min	INTE NSITY	FL OA T	This PDF gives the dynamic delay for all defined scheduled HS-DSCH data frame flows carried over Iub. This is needed as the basis for adjusting the hsDataFrameDelayThreshold attribute. Each counter observes a specific SPI. The different flows are configured ON/OFF using RBS MOM parameter IubDataStreams: : schHsFlowContr olOnOff.	ME_NodeBFunction_IubDataStreams.pmHsDataFrameDelayIubSpi15_Min	Minimum	Average, enblbh, Maximum, Minimum, Sum

7.57.4 NodeB.Ericsson.UMTS.Frame_Lost_SPI

Frames lost statistics.

KPI	Type	Data Type	Description	Derivation	Default Aggregator	Other Aggregators
pmHsDataFram	ACCUMU	INTE	The number of	ME_NodeBFunction_IubD	Sum	enblbh,

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esLostSpi00	LATION	GER	high-speed data frames lost by the RBS in the Iub interface. Each counter observes a specific SPI. The different flows are configured ON/OFF using RBS MOM parameter IubDataStreams :: schHsFlowControlOnOff.	ataStreams.pmHsDataFramesLostSpi00		Sum
pmHsDataFramesLostSpi01	ACCUMULATION	INTEGER	The number of high-speed data frames lost by the RBS in the Iub interface. Each counter observes a specific SPI. The different flows are configured ON/OFF using RBS MOM parameter IubDataStreams :: schHsFlowControlOnOff.	ME_NodeBFunction_IubDataStreams.pmHsDataFramesLostSpi01	Sum	enblbh, Sum
pmHsDataFramesLostSpi02	ACCUMULATION	INTEGER	The number of high-speed data frames lost by the RBS in the Iub interface. Each counter observes a specific SPI. The different flows are	ME_NodeBFunction_IubDataStreams.pmHsDataFramesLostSpi02	Sum	enblbh, Sum

			configured ON/OFF using RBS MOM parameter IubDataStreams :: schHsFlowControlOnOff.			
pmHsDataFramesLostSpi03	ACCUMULATION	INTEGER	The number of high-speed data frames lost by the RBS in the Iub interface. Each counter observes a specific SPI. The different flows are configured ON/OFF using RBS MOM parameter IubDataStreams :: schHsFlowControlOnOff.	ME_NodeBFunction_IubDataStreams.pmHsDataFramesLostSpi03	Sum	enblbh, Sum
pmHsDataFramesLostSpi04	ACCUMULATION	INTEGER	The number of high-speed data frames lost by the RBS in the Iub interface. Each counter observes a specific SPI. The different flows are configured ON/OFF using RBS MOM parameter	ME_NodeBFunction_IubDataStreams.pmHsDataFramesLostSpi04	Sum	enblbh, Sum

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			IubDataStreams :: schHsFlowControlOnOff.			
pmHsDataFramesLostSpi05	ACCUMULATION	INTEGER	The number of high-speed data frames lost by the RBS in the Iub interface. Each counter observes a specific SPI. The different flows are configured ON/OFF using RBS MOM parameter IubDataStreams :: schHsFlowControlOnOff.	ME_NodeBFunction_IubDataStreams.pmHsDataFramesLostSpi05	Sum	enblbh, Sum
pmHsDataFramesLostSpi06	ACCUMULATION	INTEGER	The number of high-speed data frames lost by the RBS in the Iub interface. Each counter observes a specific SPI. The different flows are configured ON/OFF using RBS MOM parameter IubDataStreams :: schHsFlowControlOnOff.	ME_NodeBFunction_IubDataStreams.pmHsDataFramesLostSpi06	Sum	enblbh, Sum
pmHsDataFramesLostSpi07	ACCUMULATION	INTEGER	The number of high-speed data frames lost by the RBS in the	ME_NodeBFunction_IubDataStreams.pmHsDataFramesLostSpi07	Sum	enblbh, Sum

			Iub interface. Each counter observes a specific SPI. The different flows are configured ON/OFF using RBS MOM parameter IubDataStreams :: schHsFlowControlOnOff.			
pmHsDataFramesLostSpi08	ACCUMULATION	INTEGER	The number of high-speed data frames lost by the RBS in the Iub interface. Each counter observes a specific SPI. The different flows are configured ON/OFF using RBS MOM parameter IubDataStreams :: schHsFlowControlOnOff.	ME_NodeBFunction_IubDataStreams.pmHsDataFramesLostSpi08	Sum	enblbh, Sum
pmHsDataFramesLostSpi09	ACCUMULATION	INTEGER	The number of high-speed data frames lost by the RBS in the Iub interface. Each counter observes a specific SPI.	ME_NodeBFunction_IubDataStreams.pmHsDataFramesLostSpi09	Sum	enblbh, Sum

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			The different flows are configured ON/OFF using RBS MOM parameter IubDataStreams :: schHsFlowControlOnOff.			
pmHsDataFramesLostSpi10	ACCUMULATION	INTEGER	The number of high-speed data frames lost by the RBS in the Iub interface. Each counter observes a specific SPI. The different flows are configured ON/OFF using RBS MOM parameter IubDataStreams :: schHsFlowControlOnOff.	ME_NodeBFunction_IubDataStreams.pmHsDataFramesLostSpi10	Sum	enblbh, Sum
pmHsDataFramesLostSpi11	ACCUMULATION	INTEGER	The number of high-speed data frames lost by the RBS in the Iub interface. Each counter observes a specific SPI. The different flows are configured ON/OFF using RBS MOM parameter IubDataStreams :: schHsFlowCont	ME_NodeBFunction_IubDataStreams.pmHsDataFramesLostSpi11	Sum	enblbh, Sum

			rolOnOff.			
pmHsDataFramesLostSpi12	ACCUMULATION	INTEGER	The number of high-speed data frames lost by the RBS in the Iub interface. Each counter observes a specific SPI. The different flows are configured ON/OFF using RBS MOM parameter IubDataStreams :: schHsFlowControlOnOff.	ME_NodeBFunction_IubDataStreams.pmHsDataFramesLostSpi12	Sum	enblbh, Sum
pmHsDataFramesLostSpi13	ACCUMULATION	INTEGER	The number of high-speed data frames lost by the RBS in the Iub interface. Each counter observes a specific SPI. The different flows are configured ON/OFF using RBS MOM parameter IubDataStreams :: schHsFlowControlOnOff.	ME_NodeBFunction_IubDataStreams.pmHsDataFramesLostSpi13	Sum	enblbh, Sum
pmHsDataFramesLostSpi14	ACCUMULATION	INTEGER	The number of high-speed data	ME_NodeBFunction_IubDataStreams.pmHsDataFra	Sum	enblbh, Sum

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			frames lost by the RBS in the Iub interface. Each counter observes a specific SPI. The different flows are configured ON/OFF using RBS MOM parameter IubDataStreams :: schHsFlowControlOnOff.	mesLostSpi14		
pmHsDataFramesLostSpi15	ACCUMULATION	INTEGER	The number of high-speed data frames lost by the RBS in the Iub interface. Each counter observes a specific SPI. The different flows are configured ON/OFF using RBS MOM parameter IubDataStreams :: schHsFlowControlOnOff.	ME_NodeBFunction_IubDataStreams.pmHsDataFramesLostSpi15	Sum	enblbh, Sum
Tot_pmHsDataFramesLostSpi	ACCUMULATION	INT8	The total number of high-speed data frames lost by the RBS in the Iub interface.	ME_NodeBFunction_IubDataStreams.pmHsDataFramesLostSpi00 + pmHsDataFramesLostSpi01 + pmHsDataFramesLostSpi02 + pmHsDataFramesLostSpi03 + pmHsDataFramesLostSpi04 +	Sum	enblbh, Sum

				pmHsDataFramesLostSpi0 5 + pmHsDataFramesLostSpi0 6 + pmHsDataFramesLostSpi0 7 + pmHsDataFramesLostSpi0 8 + pmHsDataFramesLostSpi0 9 + pmHsDataFramesLostSpi1 0 + pmHsDataFramesLostSpi1 1 + pmHsDataFramesLostSpi1 2 + pmHsDataFramesLostSpi1 3 + pmHsDataFramesLostSpi1 4 + pmHsDataFramesLostSpi1 5		
--	--	--	--	---	--	--

7.57.5 NodeB.Ericsson.UMTS.Frame_Received_SPI

Frames received statistics.

KPI	Type	Data Type	Description	Derivation	Default Aggregator	Other Aggregators
pmHsDataFramesReceivedSpi00	ACCUMULATION	INTEGER	The total number of high-speed data frames received by the RBS over the Iub interface. Each counter observes a	ME_NodeBFunction_IubDataStreams.pmHsDataFramesReceivedSpi00	Sum	enblbh, Sum

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			specific Scheduler Priority Index (SPI). The different flows are configured ON/OFF using RBS MOM parameter IubDataStreams::schHsFlowControlOnOff.			
pmHsDataFramesReceivedSpi01	ACCUMULATION	INTEGER	The total number of high-speed data frames received by the RBS over the Iub interface. Each counter observes a specific Scheduler Priority Index (SPI). The different flows are configured ON/OFF using RBS MOM parameter IubDataStreams::schHsFlowControlOnOff.	ME_NodeBFunction_IubDataStreams.pmHsDataFramesReceivedSpi01	Sum	enblbh, Sum
pmHsDataFramesReceivedSpi02	ACCUMULATION	INTEGER	The total number of high-speed data frames received by the RBS over the Iub interface. Each counter observes a specific	ME_NodeBFunction_IubDataStreams.pmHsDataFramesReceivedSpi02	Sum	enblbh, Sum

			Scheduler Priority Index (SPI). The different flows are configured ON/OFF using RBS MOM parameter IubDataStreams::schHsFlowControlOnOff.			
pmHsDataFramesReceivedSpi03	ACCUMULATION	INTEGER	The total number of high-speed data frames received by the RBS over the Iub interface. Each counter observes a specific Scheduler Priority Index (SPI). The different flows are configured ON/OFF using RBS MOM parameter IubDataStreams::schHsFlowControlOnOff.	ME_NodeBFunction_IubDataStreams.pmHsDataFramesReceivedSpi03	Sum	enblbh, Sum
pmHsDataFramesReceivedSpi04	ACCUMULATION	INTEGER	The total number of high-speed data frames received by the RBS over the	ME_NodeBFunction_IubDataStreams.pmHsDataFramesReceivedSpi04	Sum	enblbh, Sum

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			Iub interface. Each counter observes a specific Scheduler Priority Index (SPI). The different flows are configured ON/OFF using RBS MOM parameter IubDataStreams::schHsFlowControlOnOff.			
pmHsDataFramesReceivedSpi05	ACCUMULATION	INTEGER	The total number of high-speed data frames received by the RBS over the Iub interface. Each counter observes a specific Scheduler Priority Index (SPI). The different flows are configured ON/OFF using RBS MOM parameter IubDataStreams::schHsFlowControlOnOff.	ME_NodeBFunction_IubDataStreams.pmHsDataFramesReceivedSpi05	Sum	enblbh, Sum
pmHsDataFramesReceivedSpi06	ACCUMULATION	INTEGER	The total number of high-speed data frames received by the RBS over the Iub interface.	ME_NodeBFunction_IubDataStreams.pmHsDataFramesReceivedSpi06	Sum	enblbh, Sum

			Each counter observes a specific Scheduler Priority Index (SPI). The different flows are configured ON/OFF using RBS MOM parameter IubDataStreams::schHsFlowControlOnOff.			
pmHsDataFramesReceivedSpi07	ACCUMULATION	INTEGER	The total number of high-speed data frames received by the RBS over the Iub interface. Each counter observes a specific Scheduler Priority Index (SPI). The different flows are configured ON/OFF using RBS MOM parameter IubDataStreams::schHsFlowControlOnOff.	ME_NodeBFunction_IubDataStreams.pmHsDataFramesReceivedSpi07	Sum	enblbh, Sum
pmHsDataFramesReceivedSpi08	ACCUMULATION	INTEGER	The total number of high-speed	ME_NodeBFunction_IubDataStreams.pmHsDataFramesReceivedSpi08	Sum	enblbh, Sum

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			<p>data frames received by the RBS over the Iub interface. Each counter observes a specific Scheduler Priority Index (SPI). The different flows are configured ON/OFF using RBS MOM parameter IubDataStreams::schHsFlowControlOnOff.</p>		
pmHsDataFramesReceivedSpi09	ACCUMULATION	INTEGER	<p>The total number of high-speed data frames received by the RBS over the Iub interface. Each counter observes a specific Scheduler Priority Index (SPI). The different flows are configured ON/OFF using RBS MOM parameter IubDataStreams::schHsFlowControlOnOff.</p>	ME_NodeBFunction_IubDataStreams.pmHsDataFramesReceivedSpi09 Sum	enblbh, Sum
pmHsDataFramesReceivedSpi10	ACCUMULATION	INTEGER	<p>The total number of high-speed data frames</p>	ME_NodeBFunction_IubDataStreams.pmHsDataFramesReceivedSpi10 Sum	enblbh, Sum

			received by the RBS over the Iub interface. Each counter observes a specific Scheduler Priority Index (SPI). The different flows are configured ON/OFF using RBS MOM parameter IubDataStreams::schHsFlowControlOnOff.		
pmHsDataFramesReceivedSpi11	ACCUMULATION	INTEGER	The total number of high-speed data frames received by the RBS over the Iub interface. Each counter observes a specific Scheduler Priority Index (SPI). The different flows are configured ON/OFF using RBS MOM parameter IubDataStreams::schHsFlowControlOnOff.	ME_NodeBFunction_IubDataStreams.pmHsDataFramesReceivedSpi11	Sum enblbh, Sum

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pmHsDataFrames ReceivedSpi12	ACCUMU LATION	INTE GER	The total number of high-speed data frames received by the RBS over the Iub interface. Each counter observes a specific Scheduler Priority Index (SPI). The different flows are configured ON/OFF using RBS MOM parameter IubDataStreams::schHsFlowControlOnOff.	ME_NodeBFunction_IubDataStreams.pmHsDataFramesReceivedSpi12	Sum	enblbh , Sum
pmHsDataFrames ReceivedSpi13	ACCUMU LATION	INTE GER	The total number of high-speed data frames received by the RBS over the Iub interface. Each counter observes a specific Scheduler Priority Index (SPI). The different flows are configured ON/OFF using RBS MOM parameter IubDataStreams::schHsFlowControlOnOff.	ME_NodeBFunction_IubDataStreams.pmHsDataFramesReceivedSpi13	Sum	enblbh , Sum
pmHsDataFrames	ACCUMU	INTE	The total	ME_NodeBFunction_IubDa	Sum	enblbh

ReceivedSpi14	LATION	GER	number of high-speed data frames received by the RBS over the Iub interface. Each counter observes a specific Scheduler Priority Index (SPI). The different flows are configured ON/OFF using RBS MOM parameter IubDataStreams::schHsFlowControlOnOff.	taStreams.pmHsDataFramesReceivedSpi14		, Sum
pmHsDataFramesReceivedSpi15	ACCUMULATION	INTEGER	The total number of high-speed data frames received by the RBS over the Iub interface. Each counter observes a specific Scheduler Priority Index (SPI). The different flows are configured ON/OFF using RBS MOM parameter IubDataStreams	ME_NodeBFunction_IubDataStreams.pmHsDataFramesReceivedSpi15	Sum	enblbh, Sum

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			s:: schHsFlowCo ntrolOnOff.			
Tot_pmHsDataFra mesReceivedSpi	ACCUMU LATION	INT8	The total number of high-speed data frames received by the RBS over the Iub interface.	ME_NodeBFunction_IubDa taStreams.pmHsDataFrames ReceivedSpi00 + pmHsDataFramesReceived Spi01 + pmHsDataFramesReceived Spi02 + pmHsDataFramesReceived Spi03 + pmHsDataFramesReceived Spi04 + pmHsDataFramesReceived Spi05 + pmHsDataFramesReceived Spi06 + pmHsDataFramesReceived Spi07 + pmHsDataFramesReceived Spi08 + pmHsDataFramesReceived Spi09 + pmHsDataFramesReceived Spi10 + pmHsDataFramesReceived Spi11 + pmHsDataFramesReceived Spi12 + pmHsDataFramesReceived Spi13 + pmHsDataFramesReceived Spi14 + pmHsDataFramesReceived Spi15	Sum	enblbh , Sum

7.57.6 NodeB.Ericsson.UMTS.hardware_usage_statistics

NodeB hardware resource usage statistics.

KPI	Type	Data Type	Description	Derivation	Default Aggregator	Other Aggregators
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pmApomcOfSpreadersUsed	INTENSITY	FLOAT	The average percentage of maximum capacity for number of Spreaders used in the Downlink base band pool during a 15 minutes period.	Group_ManagedElement.pmApomcOfSpreadersUsed	Average	Average, enblbh, Maximum, Minimum, Sum
------------------------	-----------	-------	--	---	---------	--

7.57.7 NodeB.Ericsson.UMTS.IubDataStreams.Hardware_usage

RBS hardware usage statistics related on Iubdatastreams.

KPI	Type	Data Type	Description	Derivation	Default Aggregator	Other Aggregators
pmCapAllocIubHsLimitingRatio	ACCUMULATION	INT8	- Obsolete in P6-The relative number of occurrences when	ME_NodeBFunction_IubDataStreams.pmCapAllocIubHsLimitingRatio	Sum	enblbh, Sum

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			the calculated capacity allocation figure is limited by the Iub high-speed bandwidth during a 100 ms period		
pmCapAllocIubHsLimitingRatioSpi00	ACCUMULATION	INTEGER	The relative number of occurrences when the calculated capacity allocation figure is limited by the Iub high-speed bandwidth during a 100	ME_NodeBFunction_IubDataStreams.pmCapAllocIubHsLimitingRatioSpi00	Sum enblbh, Sum

			ms period			
pmCapAllocIubHsLimitingRatioSpi01	ACCUMULATION	INTEGER	The relative number of occurrences when the calculated capacity allocation figure is limited by the Iub high-speed bandwidth during a 100 ms period	ME_NodeBFunction_IubDataStreams.pmCapAllocIubHsLimitingRatioSpi01	Sum	enblbh, Sum
pmCapAllocIubHsLimitingRatioSpi02	ACCUMULATION	INTEGER	The relative number of occurrences when the calculated capacity	ME_NodeBFunction_IubDataStreams.pmCapAllocIubHsLimitingRatioSpi02	Sum	enblbh, Sum

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			y allocation figure is limited by the Iub high-speed bandwidth during a 100 ms period		
pmCapAllocIubHsLimitingRatioSpi03	ACCUMULATION	INTEGER	The relative number of occurrences when the calculated capacity allocation figure is limited by the Iub high-speed bandwidth during a 100 ms period	ME_NodeBFunction_IubDataStreams.pmCapAllocIubHsLimitingRatioSpi03	enblbh, Sum
pmCapAllocIubHsLimitingRatioSpi04	ACCUMULATION	INTEGER	The relative	ME_NodeBFunction_IubDataStreams.pmCapAllocIubHsLimiti	enblbh, Sum

			number of occurrences when the calculated capacity allocation figure is limited by the Iub high-speed bandwidth during a 100 ms period	ngRatioSpi04		
pmCapAllocIubHsLimitingRatioSpi05	ACCUMULATION	INTEGER	The relative number of occurrences when the calculated capacity allocation figure	ME_NodeBFunction_IubDataStreams.pmCapAllocIubHsLimitingRatioSpi05	Sum	enblbh, Sum

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			is limited by the Iub high-speed bandwidth during a 100 ms period		
pmCapAllocIubHsLimitingRatioSpi06	ACCUMULATION	INTEGER	The relative number of occurrences when the calculated capacity allocation figure is limited by the Iub high-speed bandwidth during a 100 ms period	ME_NodeBFunction_IubDataStreams.pmCapAllocIubHsLimitingRatioSpi06	enblbh, Sum
pmCapAllocIubHsLimitingRatioSpi07	ACCUMULATION	INTEGER	The relative number of occurrences	ME_NodeBFunction_IubDataStreams.pmCapAllocIubHsLimitingRatioSpi07	enblbh, Sum

			when the calculated capacity allocation figure is limited by the Iub high-speed bandwidth during a 100 ms period		
pmCapAllocIubHsLimitingRatioSpi08	ACCUMULATION	INTEGER	The relative number of occurrences when the calculated capacity allocation figure is limited by the Iub	ME_NodeBFunction_IubDataStreams.pmCapAllocIubHsLimitingRatioSpi08	Sum enblbh, Sum

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			high-speed bandwidth during a 100 ms period		
pmCapAllocIubHsLimitingRatioSpi09	ACCUMULATION	INTEGER	The relative number of occurrences when the calculated capacity allocation figure is limited by the Iub high-speed bandwidth during a 100 ms period	ME_NodeBFunction_IubDataStreams.pmCapAllocIubHsLimitingRatioSpi09	enblbh, Sum
pmCapAllocIubHsLimitingRatioSpi10	ACCUMULATION	INTEGER	The relative number of occurrences when the calculated	ME_NodeBFunction_IubDataStreams.pmCapAllocIubHsLimitingRatioSpi10	enblbh, Sum

			capacit y allocati on figure is limited by the Iub high- speed bandwi dth during a 100 ms period		
pmCapAllocIubHsLi mitingRatioSpi11	ACCUMU LATION	INTE GER	The relative numbe r of occurre nces when the calcula ted capacit y allocati on figure is limited by the Iub high- speed bandwi dth	ME_NodeBFunction_IubDataSt reams.pmCapAllocIubHsLimiti ngRatioSpi11	Sum enblbh, Sum

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			during a 100 ms period			
pmCapAllocIubHsLimitingRatioSpi12	ACCUMULATION	INTEGER	The relative number of occurrences when the calculated capacity allocation figure is limited by the Iub high-speed bandwidth during a 100 ms period	ME_NodeBFunction_IubDataStreams.pmCapAllocIubHsLimitingRatioSpi12	Sum	enblbh, Sum
pmCapAllocIubHsLimitingRatioSpi13	ACCUMULATION	INTEGER	The relative number of occurrences when the calculated capacity allocation	ME_NodeBFunction_IubDataStreams.pmCapAllocIubHsLimitingRatioSpi13	Sum	enblbh, Sum

			figure is limited by the Iub high-speed bandwidth during a 100 ms period		
pmCapAllocIubHsLimitingRatioSpi14	ACCUMULATION	INTEGER	The relative number of occurrences when the calculated capacity allocation figure is limited by the Iub high-speed bandwidth during a 100 ms period	ME_NodeBFunction_IubDataStreams.pmCapAllocIubHsLimitingRatioSpi14	enlbh, Sum

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pmCapAllocIubHsLimitingRatioSpi15	ACCUMULATION	INTEGER	The relative number of occurrences when the calculated capacity allocation figure is limited by the Iub high-speed bandwidth during a 100 ms period	ME_NodeBFunction_IubDataStreams.pmCapAllocIubHsLimitingRatioSpi15	Sum	enblbh, Sum
pmCapAlloclubHsLimitingRatio	ACCUMULATION	INTEGER	- Obsolete in P5- The relative number of occurrences when the calculated capacity allocation	ME_NodeBFunction_IubDataStreams.pmCapAlloclubHsLimitingRatio	Sum	enblbh, Sum

			figure is limited by the Iub high-speed bandwidth during a 100 ms period.			
pmDchFramesCrcMismatch	ACCUMULATION	INTEGER	The Number of DCH Iub FP frames discarded owing to header or payload CRC mismatch.	ME_NodeBFunction_IubDataStreams.pmDchFramesCrcMismatch	Sum	enblbh, Sum
pmDchFramesLate	ACCUMULATION	INTEGER	The number of DCH Iub FP frames arriving after Time of Arrival	ME_NodeBFunction_IubDataStreams.pmDchFramesLate	Sum	enblbh, Sum

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			Window Endpoint (ToAWE) but before Late Time of Arrival (LTOA).		
pmDchFramesOutOfSequenceDl	ACCUMULATION	INTEGER	The number of Iub DCH Frame Protocol (FP) frames received out-of-sequence in the downlink direction.	ME_NodeBFunction_IubDataStreams.pmDchFramesOutOfSequenceDl	enblbh, Sum
pmDchFramesReceived	ACCUMULATION	INTEGER	The number of DCH Iub frames received both inside and outside the Time	ME_NodeBFunction_IubDataStreams.pmDchFramesReceived	enblbh, Sum

			of Arrival Window (ToAW) in kframes.			
pmDchFramesTooLate	ACCUMULATION	INTEGER	The number of DCH Iub FP frames discarded owing to arrival too late, that is, after LTOA	ME_NodeBFunction_IubDataStreams.pmDchFramesTooLate	Sum	enblbh, Sum
pmEdchIubLimitingRatio	INTENSITY	FLOAT	Indicates in what degree the EUL traffic in uplink is limited by the Iub/Iur interfaces, between	ME_NodeBFunction_IubDataStreams.pmEdchIubLimitingRatio	Average	Average, enblbh, Maximum, Minimum, Sum

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			<p>n RBS and SRNC. Valid for the flow controlled EUL flows only. A high value indicates that these interfaces limit the EUL traffic in a high degree. When a high value is indicated, it should be considered to extend Iub/Iur with higher EUL bandwidth.</p>			
pmEdchIubMeasRate_Avg	INTENSITY	FLOAT	Average: Measurement	ME_NodeBFunction_IubDataStreams.pmEdchIubMeasRate_Avg	Average	Average, enblbh,

		<p>t of the E-DCH Iub bit rate sent by the RBS in uplink over Iub. The bit rate includes all bits sent in the Radio Network Layer E-DCH data frames, including its overhead. AAL2 and ATM overhead is not included. When RAX sends</p>		<p>Maximum, Minimum, Sum</p>
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			the packet to the ET board, then the number of bits is counted.			
pmEdchIubMeasRate_Max	INTENSITY	FLOAT	Maximum Measurement of the E-DCH Iub bit rate sent by the RBS in uplink over Iub. The bit rate includes all bits sent in the Radio Network Layer E-DCH data frames, including its overhead.	ME_NodeBFunction_IubDataStreams.pmEdchIubMeasRate_Max	Average	Average, enblbh, Maximum, Minimum, Sum

			AAL2 and ATM overhead is not included. When RAX sends the packet to the ET board, then the number of bits is counted.			
pmEdchIubMeasRate_Min	INTENSITY	FLOAT	Minimum: Measurement of the E-DCH Iub bit rate sent by the RBS in uplink over Iub. The bit rate include	ME_NodeBFunction_IubDataStreams.pmEdchIubMeasRate_Min	Average	Average, enblbh, Maximum, Minimum, Sum

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			<p>s all bits sent in the Radio Network Layer E-DCH data frames, including its overhead. AAL2 and ATM overhead is not included. When RAX sends the packet to the ET board, then the number of bits is counted.</p>		
pmHsDataFramesLost	ACCUMULATION	INT8	- Obsolete in P6- The number	ME_NodeBFunction_IubDataStreams.pmHsDataFramesLost	Sum enblbh, Sum

			r of high-speed data frames lost over Iub in the RBS.			
pmHsDataFramesReceived	ACCUMULATION	INT8	- Obsolete in P6- The total number of high-speed data frames received over Iub in the RBS	ME_NodeBFunction_IubDataStreams.pmHsDataFramesReceived	Sum	enblbh, Sum
pmIubMacdPduRbsReceivedBits_Avg	INTENSITY	FLOAT	Average received numbers of Iub Media Access Control dedicated	ME_NodeBFunction_IubDataStreams.pmIubMacdPduRbsReceivedBits_Avg	Average	Average, enblbh, Maximum, Minimum, Sum

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			Power Distribution Unit (MAC-d PDU) bits every second .		
pmIubMacdPduRbsReceivedBits_Max	ACCUMULATION	INT8	Maximum Received numbers of Iub Media Access Control dedicated Power Distribution Unit (MAC-d PDU) bits every second .	ME_NodeBFunction_IubDataStreams.pmIubMacdPduRbsReceivedBits_Max	Sum Average, enblbh, Maximum, Minimum, Sum
pmIubMacdPduRbsReceivedBits_Min	ACCUMULATION	INT8	Minimum Received numbers of Iub Media Access Control	ME_NodeBFunction_IubDataStreams.pmIubMacdPduRbsReceivedBits_Min	Sum Average, enblbh, Maximum, Minimum, Sum

			1 dedicat ed Power Distrib ution Unit (MAC- d PDU) bits every second .			
pmNoUIIubLimitEul	ACCUMU LATION	INTE GER	Counte r for the numbe r of times a schedu ling decisio n is taken to increas e the Iub rate of an E- DCH user and there is a need to decreas e the Iub	ME_NodeBFunction_IubDataSt reams.pmNoUIIubLimitEul	Sum	enblbh, Sum

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			rate for another E-DCH user owing to UL Iub resource limitations.		
pmRbsHsPdschCodePrio	ACCUMULATION	INTEGER	The number of times there is an HS-PDSC H HW shortage. Accumulates the number of code shortage occurrences, that is, the number of times priority resolve is entered in the algorithm for dynam	ME_NodeBFunction_IubDataStreams.pmRbsHsPdschCodePrio	enblbh, Sum

			c code allocation. Priority resolve is entered every time there is HW shortage			
pmTargetHsRate_1_100	ACCUMULATION	INTEGER	Sum of samples 1-100, target high-speed rate as percentage of the value of the maxHsRate parameter	ME_NodeBFunction_IubDataStreams.pmTargetHsRate_1_100	Sum	enblbh, Sum
pmTargetHsRate_1_70	ACCUMULATION	INTEGER	Sum of samples 1-70, target high-speed rate as percentage of	ME_NodeBFunction_IubDataStreams.pmTargetHsRate_1_70	Sum	enblbh, Sum

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			the value of the maxHs Rate parameter			
pmTargetHsRate_Avg	INTENSITY	FLOAT	- Obsolete in P6- Average target high-speed rate as percentage of the value of the maxHs Rate parameter	ME_NodeBFunction_IubDataStreams.pmTargetHsRate_Avg	Average	Average, enblbh, Maximum, Minimum, Sum
pmTargetHsRate_Max	INTENSITY	FLOAT	- Obsolete in P6- Maximum target high-speed rate as percentage of the value of the maxHs Rate parameter	ME_NodeBFunction_IubDataStreams.pmTargetHsRate_Max	Average	Average, enblbh, Maximum, Minimum, Sum

pmTargetHsRate_Min	INTENSITY	FLOAT	- Obsolete in P6- Minimum target high-speed rate as percent age of the value of the maxHsRate parameter	ME_NodeBFunction_IubDataStreams.pmTargetHsRate_Min	Average	Average, enblbh, Maximum, Minimum, Sum
Tot_pmDchFramesAfterToAWE	ACCUMULATION	INTEGER	The total number of DCH Iub FP frames arriving after Time of Arrival Window Endpoint (ToAWE) due to various reasons	{pmDchFramesCrcMismatch} + {pmDchFramesLate} + {pmDchFramesReceived} + {pmDchFramesTooLate}	Sum	enblbh, Sum

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7.57.8 NodeB.Ericsson.UMTS.NBAP

-Obsolete in P6- NodeB NBAP related statistics.

KPI	Type	Data Type	Description	Derivation	Default Aggregator	Other Aggregators
pmNoOfDiscardedMsg	ACCUMULATION	INT8	-Obsolete in P6- Number of NBAP: Discarded messages	ME_NodeBFunction_NbapCommon.pmNoOfDiscardedMsg	Sum	enblbh, Sum

7.57.9 NodeB.Ericsson.UMTS.PDF_pmCapacityNodeBDICe

pmCapacityNodeBDICe PDF counters

KPI	Type	Data Type	Description	Derivation	Default Aggregator	Other Aggregators
pmCapacityNodeBDICe_0	ACCUMULATION	INTEGER	The distribution of the RBS DL Channel Element utilization (for all DL baseband pools), as percentages of the corresponding license limit.	ManagedElement.pmCapacityNodeBDICe_0	Sum	
pmCapacityNode	ACCUMULATION	INTEGER	The	ManagedElement.pmCapacity	Sum	

eBDICe_10	ATION	GER	distribution of the RBS DL Channel Element utilization (for all DL baseband pools), as percentages of the corresponding license limit.	yNodeBDICe_10		
pmCapacityNodeBDICe_1	ACCUMULATION	INTEGER	The distribution of the RBS DL Channel Element utilization (for all DL baseband pools), as percentages of the corresponding license limit.	ManagedElement.pmCapacityNodeBDICe_1	Sum	
pmCapacityNodeBDICe_2	ACCUMULATION	INTEGER	The distribution of the	ManagedElement.pmCapacityNodeBDICe_2	Sum	

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			RBS DL Channel Element utilization (for all DL baseband pools), as percentages of the corresponding license limit.			
pmCapacityNodeBDICe_3	ACCUMULATION	INTEGER	The distribution of the RBS DL Channel Element utilization (for all DL baseband pools), as percentages of the corresponding license limit.	ManagedElement.pmCapacityNodeBDICe_3	Sum	
pmCapacityNodeBDICe_4	ACCUMULATION	INTEGER	The distribution of the RBS DL Channel Element utilization (for all DL baseband	ManagedElement.pmCapacityNodeBDICe_4	Sum	

			pools), as percentages of the corresponding license limit.			
pmCapacityNodeBDICe_5	ACCUMULATION	INTEGER	The distribution of the RBS DL Channel Element utilization (for all DL baseband pools), as percentages of the corresponding license limit.	ManagedElement.pmCapacityNodeBDICe_5	Sum	
pmCapacityNodeBDICe_6	ACCUMULATION	INTEGER	The distribution of the RBS DL Channel Element utilization (for all DL baseband pools), as	ManagedElement.pmCapacityNodeBDICe_6	Sum	

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			percentages of the corresponding license limit.			
pmCapacityNodeBDICe_7	ACCUMULATION	INTEGER	The distribution of the RBS DL Channel Element utilization (for all DL baseband pools), as percentages of the corresponding license limit.	ManagedElement.pmCapacityNodeBDICe_7	Sum	
pmCapacityNodeBDICe_8	ACCUMULATION	INTEGER	The distribution of the RBS DL Channel Element utilization (for all DL baseband pools), as percentages of the corresponding license limit.	ManagedElement.pmCapacityNodeBDICe_8	Sum	

pmCapacityNodeBDICe_9	ACCUMULATION	INTEGER	The distribution of the RBS DL Channel Element utilization (for all DL baseband pools), as percentages of the corresponding license limit.	ManagedElement.pmCapacityNodeBDICe_9	Sum	
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7.57.10NodeB.Ericsson.UMTS.PDF_pmCapacityNodeBUICe

pmCapacityNodeBUICe PDF counters

KPI	Type	Data Type	Description	Derivation	Default Aggregator	Other Aggregators
pmCapacityNodeBUICe_0	ACCUMULATION	INTEGER	The distribution of the RBS UL Channel Element utilization (for all UL baseband pools), as percentages	ManagedElement.pmCapacityNodeBUICe_0	Sum	

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			ges of the corresponding license limit.			
pmCapacityNodeBUICe_10	ACCUMULATION	INTEGER	The distribution of the RBS UL Channel Element utilization (for all UL baseband pools), as percentages of the corresponding license limit.	ManagedElement.pmCapacityNodeBUICe_10	Sum	
pmCapacityNodeBUICe_1	ACCUMULATION	INTEGER	The distribution of the RBS UL Channel Element utilization (for all UL baseband pools), as percentages of the corresponding license limit.	ManagedElement.pmCapacityNodeBUICe_1	Sum	

pmCapacityNodeBUICe_2	ACCUMULATION	INTEGER	The distribution of the RBS UL Channel Element utilization (for all UL baseband pools), as percentages of the corresponding license limit.	ManagedElement.pmCapacityNodeBUICe_2	Sum	
pmCapacityNodeBUICe_3	ACCUMULATION	INTEGER	The distribution of the RBS UL Channel Element utilization (for all UL baseband pools), as percentages of the corresponding license limit.	ManagedElement.pmCapacityNodeBUICe_3	Sum	
pmCapacityNodeBUICe_4	ACCUMULATION	INTEGER	The distributi	ManagedElement.pmCapacityNodeBUICe_4	Sum	

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			on of the RBS UL Channel Element utilization (for all UL baseband pools), as percentages of the corresponding license limit.			
pmCapacityNodeBUICe_5	ACCUMULATION	INTEGER	The distribution of the RBS UL Channel Element utilization (for all UL baseband pools), as percentages of the corresponding license limit.	ManagedElement.pmCapacityNodeBUICe_5	Sum	
pmCapacityNodeBUICe_6	ACCUMULATION	INTEGER	The distribution of the RBS UL Channel Element utilization (for all UL	ManagedElement.pmCapacityNodeBUICe_6	Sum	

			baseband pools), as percentages of the corresponding license limit.			
pmCapacityNodeBUICe_7	ACCUMULATION	INTEGER	The distribution of the RBS UL Channel Element utilization (for all UL baseband pools), as percentages of the corresponding license limit.	ManagedElement.pmCapacityNodeBUICe_7	Sum	
pmCapacityNodeBUICe_8	ACCUMULATION	INTEGER	The distribution of the RBS UL Channel Element utilization (for all UL baseband pools),	ManagedElement.pmCapacityNodeBUICe_8	Sum	

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			as percentages of the corresponding license limit.			
pmCapacityNodeBUICe_9	ACCUMULATION	INTEGER	The distribution of the RBS UL Channel Element utilization (for all UL baseband pools), as percentages of the corresponding license limit.	ManagedElement.pmCapacityNodeBUICe_9	Sum	

7.57.11 NodeB.Ericsson.UMTS.PDF_pmHsDataFrameDelayIubSpi00

pmHsDataFrameDelayIubSpi00 PDF counters

KPI	Type	Data Type	Description	Derivation	Default Aggregator	Other Aggregators
pmHsDataFrameDelayIubSpi00_0	ACCUMULATION	INTEGER	The PM counter presents a histogram over the dynamic delay experience	ME_NodeBFunction_IubDataStreams.pmHsDataFrameDelayIubSpi00_0	Sum	

		<p>d between SRNC and RBS by the flow controlled HSDPA flows, that is, the buffer build-up delay distribution for HS traffic. Measurement can be started on at least one Device Set (DBCCS). That is, state is operational and the Device board has correct capability. The delay is between SRNC and RBS, that is, both Iub and Iur are included in the delay measurement. Sampled every 100 ms period.</p>		
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			The samples are taken from all the HS-DSCH channels scheduled on priority class 00.			
pmHsDataFrameDelayIubSpi00_10	ACCUMULATION	INTEGRER	The PM counter presents a histogram over the dynamic delay experienced between SRNC and RBS by the flow controlled HSDPA flows, that is, the buffer build-up delay distribution for HS traffic. Measurement can be started on at least one Device Set (DBCCS). That is, state is operational and the Device board has correct capability.	ME_NodeBFunction_IubDataStreams.pmHsDataFrameDelayIubSpi00_10	Sum	

			<p>The delay is between SRNC and RBS, that is, both Iub and Iur are included in the delay measurement.</p> <p>Sampled every 100 ms period.</p> <p>The samples are taken from all the HS-DSCH channels scheduled on priority class 00.</p>			
pmHsDataFrameDelayIubSpi00_11	ACCUMULATION	INTEGER	<p>The PM counter presents a histogram over the dynamic delay experienced between SRNC and RBS by the flow controlled HSDPA flows, that is, the buffer build-up</p>	ME_NodeBFunction_IubDataStreams.pmHsDataFrameDelayIubSpi00_11	Sum	

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			<p>delay distribution for HS traffic. Measurement can be started on at least one Device Set (DBCCS). That is, state is operational and the Device board has correct capability. The delay is between SRNC and RBS, that is, both Iub and Iur are included in the delay measurement. Sampled every 100 ms period. The samples are taken from all the HS-DSCH channels scheduled on priority class 00.</p>		
pmHsDataFrameDelayIubSpi00_12	ACCUMULATION	INTEGER	The PM counter presents a histogram over the	ME_NodeBFunction_IubDataStreams.pmHsDataFrameDelayIubSpi00_12	Sum

		<p>dynamic delay experience d between SRNC and RBS by the flow controlled HSDPA flows, that is, the buffer build-up delay distribution for HS traffic.Measurement can be started on at least one Device Set (DBCCS). That is, state is operational and the Device board has correct capability. The delay is between SRNC and RBS, that is, both Iub and Iur are included in the delay measurement.</p>		
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			<p>Sampled every 100 ms period. The samples are taken from all the HS-DSCH channels scheduled on priority class 00.</p>		
pmHsDataFrameDelayIubSpi00_13	ACCUMULATION	INTEGER	<p>The PM counter presents a histogram over the dynamic delay experienced between SRNC and RBS by the flow controlled HSDPA flows, that is, the buffer build-up delay distribution for HS traffic. Measurement can be started on at least one Device Set (DBCCS). That is, state is operational and the Device</p>	ME_NodeBFunction_IubDataStreams.pmHsDataFrameDelayIubSpi00_13	Sum

			board has correct capability. The delay is between SRNC and RBS, that is, both Iub and Iur are included in the delay measurement. Sampled every 100 ms period. The samples are taken from all the HS-DSCH channels scheduled on priority class 00.			
pmHsDataFrameDelayIubSpi00_14	ACCUMULATION	INTEGER	The PM counter presents a histogram over the dynamic delay experienced between SRNC and RBS by the flow controlled HSDPA flows, that	ME_NodeBFunction_IubDataStreams.pmHsDataFrameDelayIubSpi00_14	Sum	

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			<p>is, the buffer build-up delay distribution for HS traffic. Measurement can be started on at least one Device Set (DBCCS). That is, state is operational and the Device board has correct capability. The delay is between SRNC and RBS, that is, both Iub and Iur are included in the delay measurement. Sampled every 100 ms period. The samples are taken from all the HS-DSCH channels scheduled on priority class 00.</p>			
pmHsDataFrameDelayIubSpi00_15	ACCUMULATION	INTEGER	The PM counter	ME_NodeBFunction_IubDataStreams.pmHsDataFrameDe	Sum	

		<p>presents a histogram over the dynamic delay experienced between SRNC and RBS by the flow controlled HSDPA flows, that is, the buffer build-up delay distribution for HS traffic. Measurement can be started on at least one Device Set (DBCCS). That is, state is operational and the Device board has correct capability. The delay is between SRNC and RBS, that is, both Iub and Iur are included in</p>	<p>layIubSpi00_15</p>		
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			<p>the delay measurement. Sampled every 100 ms period. The samples are taken from all the HS-DSCH channels scheduled on priority class 00.</p>			
pmHsDataFrameDelayIubSpi00_1	ACCUMULATION	INTEGER	<p>The PM counter presents a histogram over the dynamic delay experienced between SRNC and RBS by the flow controlled HSDPA flows, that is, the buffer build-up delay distribution for HS traffic. Measurement can be started on at least one Device Set (DBCCS). That is, state is</p>	ME_NodeBFunction_IubDataStreams.pmHsDataFrameDelayIubSpi00_1	Sum	

			operational and the Device board has correct capability. The delay is between SRNC and RBS, that is, both Iub and Iur are included in the delay measurement. Sampled every 100 ms period. The samples are taken from all the HS-DSCH channels scheduled on priority class 00.			
pmHsDataFrameDelayIubSpi00_2	ACCUMULATION	INTEGER	The PM counter presents a histogram over the dynamic delay experienced between SRNC and RBS by the flow	ME_NodeBFunction_IubDataStreams.pmHsDataFrameDelayIubSpi00_2	Sum	

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		<p>controlled HSDPA flows, that is, the buffer build-up delay distribution for HS traffic. Measurement can be started on at least one Device Set (DBCCS). That is, state is operational and the Device board has correct capability. The delay is between SRNC and RBS, that is, both Iub and Iur are included in the delay measurement. Sampled every 100 ms period. The samples are taken from all the HS-DSCH channels scheduled on priority class 00.</p>		
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pmHsDataFrameDelayIubSpi00_3	ACCUMULATION	INTEGER	The PM counter presents a histogram over the dynamic delay experienced between SRNC and RBS by the flow controlled HSDPA flows, that is, the buffer build-up delay distribution for HS traffic. Measurement can be started on at least one Device Set (DBCCS). That is, state is operational and the Device board has correct capability. The delay is between SRNC and RBS, that is, both Iub	ME_NodeBFunction_IubDataStreams.pmHsDataFrameDelayIubSpi00_3	Sum	
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			and Iur are included in the delay measurement. Sampled every 100 ms period. The samples are taken from all the HS-DSCH channels scheduled on priority class 00.		
pmHsDataFrameDelayIubSpi00_4	ACCUMULATION	INTEGER	The PM counter presents a histogram over the dynamic delay experienced between SRNC and RBS by the flow controlled HSDPA flows, that is, the buffer build-up delay distribution for HS traffic. Measurement can be started on at least one Device Set (DBCCS).	ME_NodeBFunction_IubDataStreams.pmHsDataFrameDelayIubSpi00_4	Sum

			That is, state is operational and the Device board has correct capability. The delay is between SRNC and RBS, that is, both Iub and Iur are included in the delay measurement. Sampled every 100 ms period. The samples are taken from all the HS-DSCH channels scheduled on priority class 00.			
pmHsDataFrameDelayIubSpi00_5	ACCUMULATION	INTEGER	The PM counter presents a histogram over the dynamic delay experience d between SRNC and	ME_NodeBFunction_IubDataStreams.pmHsDataFrameDelayIubSpi00_5	Sum	

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		<p>RBS by the flow controlled HSDPA flows, that is, the buffer build-up delay distribution for HS traffic. Measurement can be started on at least one Device Set (DBCCS). That is, state is operational and the Device board has correct capability. The delay is between SRNC and RBS, that is, both Iub and Iur are included in the delay measurement. Sampled every 100 ms period. The samples are taken from all the HS-DSCH channels scheduled</p>		
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			on priority class 00.		
pmHsDataFrameDelayIubSpi00_6	ACCUMULATION	INTEGER	The PM counter presents a histogram over the dynamic delay experienced between SRNC and RBS by the flow controlled HSDPA flows, that is, the buffer build-up delay distribution for HS traffic. Measurement can be started on at least one Device Set (DBCCS). That is, state is operational and the Device board has correct capability. The delay is between	ME_NodeBFunction_IubDataStreams.pmHsDataFrameDelayIubSpi00_6	Sum

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			<p>SRNC and RBS, that is, both Iub and Iur are included in the delay measurement.</p> <p>Sampled every 100 ms period. The samples are taken from all the HS-DSCH channels scheduled on priority class 00.</p>		
pmHsDataFrameDelayIubSpi00_7	ACCUMULATION	INTEGER	<p>The PM counter presents a histogram over the dynamic delay experienced between SRNC and RBS by the flow controlled HSDPA flows, that is, the buffer build-up delay distribution for HS traffic. Measurement can be started on</p>	ME_NodeBFunction_IubDataStreams.pmHsDataFrameDelayIubSpi00_7	Sum

			<p>at least one Device Set (DBCCS). That is, state is operational and the Device board has correct capability. The delay is between SRNC and RBS, that is, both Iub and Iur are included in the delay measurement. Sampled every 100 ms period. The samples are taken from all the HS-DSCH channels scheduled on priority class 00.</p>			
pmHsDataFrameDelayIubSpi00_8	ACCUMULATION	INTEGER	The PM counter presents a histogram over the dynamic delay	ME_NodeBFunction_IubDataStreams.pmHsDataFrameDelayIubSpi00_8	Sum	

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		<p>experience d between SRNC and RBS by the flow controlled HSDPA flows, that is, the buffer build-up delay distribution for HS traffic. Mea- surement can be started on at least one Device Set (DBCCS). That is, state is operational and the Device board has correct capability. The delay is between SRNC and RBS, that is, both Iub and Iur are included in the delay measureme- nt. Sampled every 100 ms period. The samples are taken from all the HS-</p>		
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			DSCH channels scheduled on priority class 00.		
pmHsDataFrameDelayIubSpi00_9	ACCUMULATION	INTEGER	The PM counter presents a histogram over the dynamic delay experienced between SRNC and RBS by the flow controlled HSDPA flows, that is, the buffer build-up delay distribution for HS traffic. Measurement can be started on at least one Device Set (DBCCS). That is, state is operational and the Device board has correct	ME_NodeBFunction_IubDataStreams.pmHsDataFrameDelayIubSpi00_9	Sum

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			<p>capability. The delay is between SRNC and RBS, that is, both Iub and Iur are included in the delay measurement. Sampled every 100 ms period. The samples are taken from all the HS-DSCH channels scheduled on priority class 00.</p>		
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7.57.12NodeB.Ericsson.UMTS.PDF_pmHsDataFrameDelayIubSpi01

pmHsDataFrameDelayIubSpi01 PDF counters

KPI	Type	Data Type	Description	Derivation	Default Aggregator	Other Aggregators
pmHsDataFrameDelayIubSpi01_0	ACCUMULATION	INTEGER	The PM counter presents a histogram over the dynamic delay experienced between SRNC and RBS by the flow controlled	ME_NodeBFunction_IubDataStreams.pmHsDataFrameDelayIubSpi01_0	Sum	

		<p>HSDPA flows, that is, the buffer build-up delay distribution for HS traffic. Measurement can be started on at least one Device Set (DBCCS). That is, state is operational and the Device board has correct capability. The delay is between SRNC and RBS, that is, both Iub and Iur are included in the delay measurement. Sampled every 100 ms period. The samples are taken from all the HS-DSCH</p>		
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			channels scheduled on priority class 01.			
pmHsDataFrameDelayIubSpi01_10	ACCUMULATION	INTEGER	The PM counter presents a histogram over the dynamic delay experienced between SRNC and RBS by the flow controlled HSDPA flows, that is, the buffer build-up delay distribution for HS traffic. Measurement can be started on at least one Device Set (DBCCS). That is, state is operational and the Device board has correct capability. The delay is between SRNC and RBS, that is, both Iub	ME_NodeBFunction_IubDataStreams.pmHsDataFrameDelayIubSpi01_10	Sum	

			and Iur are included in the delay measurement. Sampled every 100 ms period. The samples are taken from all the HS-DSCH channels scheduled on priority class 01.			
pmHsDataFrameDelayIubSpi01_11	ACCUMULATION	INTEGER	The PM counter presents a histogram over the dynamic delay experienced between SRNC and RBS by the flow controlled HSDPA flows, that is, the buffer build-up delay distribution for HS traffic.Measurement	ME_NodeBFunction_IubDataStreams.pmHsDataFrameDelayIubSpi01_11	Sum	

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			<p>can be started on at least one Device Set (DBCCS). That is, state is operational and the Device board has correct capability. The delay is between SRNC and RBS, that is, both Iub and Iur are included in the delay measurement. Sampled every 100 ms period. The samples are taken from all the HS-DSCH channels scheduled on priority class 01.</p>			
pmHsDataFrameDelayIubSpi01_12	ACCUMULATION	INTEGER	The PM counter presents a histogram over the dynamic delay experience d between SRNC and	ME_NodeBFunction_IubDataStreams.pmHsDataFrameDelayIubSpi01_12	Sum	

		<p>RBS by the flow controlled HSDPA flows, that is, the buffer build-up delay distribution for HS traffic. Measurement can be started on at least one Device Set (DBCCS). That is, state is operational and the Device board has correct capability. The delay is between SRNC and RBS, that is, both Iub and Iur are included in the delay measurement. Sampled every 100 ms period. The samples are</p>		
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			taken from all the HS-DSCH channels scheduled on priority class 01.		
pmHsDataFrameDelayIubSpi01_13	ACCUMULATION	INTEGER	The PM counter presents a histogram over the dynamic delay experienced between SRNC and RBS by the flow controlled HSDPA flows, that is, the buffer build-up delay distribution for HS traffic. Measurement can be started on at least one Device Set (DBCCS). That is, state is operational and the Device board has correct capability. The delay is between	ME_NodeBFunction_IubDataStreams.pmHsDataFrameDelayIubSpi01_13	Sum

			SRNC and RBS, that is, both Iub and Iur are included in the delay measurement. Sampled every 100 ms period. The samples are taken from all the HS-DSCH channels scheduled on priority class 01.			
pmHsDataFrameDelayIubSpi01_14	ACCUMULATION	INTEGER	The PM counter presents a histogram over the dynamic delay experienced between SRNC and RBS by the flow controlled HSDPA flows, that is, the buffer build-up delay distribution	ME_NodeBFunction_IubDataStreams.pmHsDataFrameDelayIubSpi01_14	Sum	

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			<p>for HS traffic. Measurement can be started on at least one Device Set (DBCCS). That is, state is operational and the Device board has correct capability. The delay is between SRNC and RBS, that is, both Iub and Iur are included in the delay measurement. Sampled every 100 ms period. The samples are taken from all the HS-DSCH channels scheduled on priority class 01.</p>			
pmHsDataFrameDelayIubSpi01_15	ACCUMULATION	INTEGER	The PM counter presents a histogram over the dynamic delay	ME_NodeBFunction_IubDataStreams.pmHsDataFrameDelayIubSpi01_15	Sum	

		<p>experience between SRNC and RBS by the flow controlled HSDPA flows, that is, the buffer build-up delay distribution for HS traffic. Measurement can be started on at least one Device Set (DBCCS). That is, state is operational and the Device board has correct capability. The delay is between SRNC and RBS, that is, both Iub and Iur are included in the delay measurement. Sampled every 100</p>			
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			ms period. The samples are taken from all the HS-DSCH channels scheduled on priority class 01.			
pmHsDataFrameDelayIubSpi01_1	ACCUMULATION	INTEGER	The PM counter presents a histogram over the dynamic delay experienced between SRNC and RBS by the flow controlled HSDPA flows, that is, the buffer build-up delay distribution for HS traffic. Measurement can be started on at least one Device Set (DBCCS). That is, state is operational and the Device board has correct	ME_NodeBFunction_IubDataStreams.pmHsDataFrameDelayIubSpi01_1	Sum	

			<p>capability. The delay is between SRNC and RBS, that is, both Iub and Iur are included in the delay measurement. Sampled every 100 ms period. The samples are taken from all the HS-DSCH channels scheduled on priority class 01.</p>		
pmHsDataFrameDelayIubSpi01_2	ACCUMULATION	INTEGER	<p>The PM counter presents a histogram over the dynamic delay experienced between SRNC and RBS by the flow controlled HSDPA flows, that is, the buffer</p>	ME_NodeBFunction_IubDataStreams.pmHsDataFrameDelayIubSpi01_2	Sum

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			<p>build-up delay distribution for HS traffic. Measurement can be started on at least one Device Set (DBCCS). That is, state is operational and the Device board has correct capability. The delay is between SRNC and RBS, that is, both Iub and Iur are included in the delay measurement. Sampled every 100 ms period. The samples are taken from all the HS-DSCH channels scheduled on priority class 01.</p>			
pmHsDataFrameDelayIubSpi01_3	ACCUMULATION	INTEGER	The PM counter presents a histogram	ME_NodeBFunction_IubDataStreams.pmHsDataFrameDelayIubSpi01_3	Sum	

		<p>over the dynamic delay experienced between SRNC and RBS by the flow controlled HSDPA flows, that is, the buffer build-up delay distribution for HS traffic. Measurement can be started on at least one Device Set (DBCCS). That is, state is operational and the Device board has correct capability. The delay is between SRNC and RBS, that is, both Iub and Iur are included in the delay measurement</p>			
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			<p>nt. Sampled every 100 ms period. The samples are taken from all the HS-DSCH channels scheduled on priority class 01.</p>		
pmHsDataFrameDelayIubSpi01_4	ACCUMULATION	INTERGER	<p>The PM counter presents a histogram over the dynamic delay experienced between SRNC and RBS by the flow controlled HSDPA flows, that is, the buffer build-up delay distribution for HS traffic. Measurement can be started on at least one Device Set (DBCCS). That is, state is operational and the</p>	ME_NodeBFunction_IubDataStreams.pmHsDataFrameDelayIubSpi01_4	Sum

			<p>Device board has correct capability. The delay is between SRNC and RBS, that is, both Iub and Iur are included in the delay measurement. Sampled every 100 ms period. The samples are taken from all the HS-DSCH channels scheduled on priority class 01.</p>			
pmHsDataFrameDelayIubSpi01_5	ACCUMULATION	INTEGER	<p>The PM counter presents a histogram over the dynamic delay experienced between SRNC and RBS by the flow controlled HSDPA</p>	ME_NodeBFunction_IubDataStreams.pmHsDataFrameDelayIubSpi01_5	Sum	

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			<p>flows, that is, the buffer build-up delay distribution for HS traffic. Measurement can be started on at least one Device Set (DBCCS). That is, state is operational and the Device board has correct capability. The delay is between SRNC and RBS, that is, both Iub and Iur are included in the delay measurement. Sampled every 100 ms period. The samples are taken from all the HS-DSCH channels scheduled on priority class 01.</p>			
pmHsDataFrameD	ACCUMU	INTE	The PM	ME_NodeBFunction_IubDat	Sum	

elayIubSpi01_6	LATION	GER	counter presents a histogram over the dynamic delay experienced between SRNC and RBS by the flow controlled HSDPA flows, that is, the buffer build-up delay distribution for HS traffic.Measurement can be started on at least one Device Set (DBCCS). That is, state is operational and the Device board has correct capability. The delay is between SRNC and RBS, that is, both Iub and Iur are	aStreams.pmHsDataFrameDe layIubSpi01_6		
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			<p>included in the delay measurement. Sampled every 100 ms period. The samples are taken from all the HS-DSCH channels scheduled on priority class 01.</p>		
pmHsDataFrameDelayIubSpi01_7	ACCUMULATION	INTEGER	<p>The PM counter presents a histogram over the dynamic delay experienced between SRNC and RBS by the flow controlled HSDPA flows, that is, the buffer build-up delay distribution for HS traffic. Measurement can be started on at least one Device Set (DBCCS). That is,</p>	ME_NodeBFunction_IubDataStreams.pmHsDataFrameDelayIubSpi01_7	Sum

			<p>state is operational and the Device board has correct capability. The delay is between SRNC and RBS, that is, both Iub and Iur are included in the delay measurement. Sampled every 100 ms period. The samples are taken from all the HS-DSCH channels scheduled on priority class 01.</p>			
pmHsDataFrameDelayIubSpi01_8	ACCUMULATION	INTEGER	<p>The PM counter presents a histogram over the dynamic delay experienced between SRNC and RBS by the</p>	ME_NodeBFunction_IubDataStreams.pmHsDataFrameDelayIubSpi01_8	Sum	

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		<p>flow controlled HSDPA flows, that is, the buffer build-up delay distribution for HS traffic. Measurement can be started on at least one Device Set (DBCCS). That is, state is operational and the Device board has correct capability. The delay is between SRNC and RBS, that is, both Iub and Iur are included in the delay measurement. Sampled every 100 ms period. The samples are taken from all the HS-DSCH channels scheduled on priority</p>		
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			class 01.		
pmHsDataFrameDelayIubSpi01_9	ACCUMULATION	INTEGER	The PM counter presents a histogram over the dynamic delay experienced between SRNC and RBS by the flow controlled HSDPA flows, that is, the buffer build-up delay distribution for HS traffic. Measurement can be started on at least one Device Set (DBCCS). That is, state is operational and the Device board has correct capability. The delay is between SRNC and	ME_NodeBFunction_IubDataStreams.pmHsDataFrameDelayIubSpi01_9	Sum

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			<p>RBS, that is, both Iub and Iur are included in the delay measurement. Sampled every 100 ms period. The samples are taken from all the HS-DSCH channels scheduled on priority class 01.</p>		
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7.57.13NodeB.Ericsson.UMTS.PDF_pmHsDataFrameDelayIubSpi02

pmHsDataFrameDelayIubSpi02 PDF counters

KPI	Type	Data Type	Description	Derivation	Default Aggregator	Other Aggregators
pmHsDataFrameDelayIubSpi02_0	ACCUMULATION	INTEGER	The PM counter presents a histogram over the dynamic delay experienced between SRNC and RBS by the flow controlled HSDPA flows, that is, the buffer	ME_NodeBFunction_IubDataStreams.pmHsDataFrameDelayIubSpi02_0	Sum	

		<p>build-up delay distribution for HS traffic. Measurement can be started on at least one Device Set (DBCCS). That is, state is operational and the Device board has correct capability. The delay is between SRNC and RBS, that is, both Iub and Iur are included in the delay measurement. Sampled every 100 ms period. The samples are taken from all the HS-DSCH channels scheduled on priority class 02.</p>		
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<p>pmHsDataFrameDelayIubSpi02_10</p>	<p>ACCUMULATION</p>	<p>INTEGER</p>	<p>The PM counter presents a histogram over the dynamic delay experienced between SRNC and RBS by the flow controlled HSDPA flows, that is, the buffer build-up delay distribution for HS traffic. Measurement can be started on at least one Device Set (DBCCS). That is, state is operational and the Device board has correct capability. The delay is between SRNC and RBS, that is, both Iub and Iur are included in the delay measurement.</p>	<p>ME_NodeBFunction_IubDataStreams.pmHsDataFrameDelayIubSpi02_10</p>	<p>Sum</p>	
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			Sampled every 100 ms period. The samples are taken from all the HS-DSCH channels scheduled on priority class 02.			
pmHsDataFrameDelayIubSpi02_11	ACCUMULATION	INTEGER	The PM counter presents a histogram over the dynamic delay experienced between SRNC and RBS by the flow controlled HSDPA flows, that is, the buffer build-up delay distribution for HS traffic. Measurement can be started on at least one Device Set (DBCCS).	ME_NodeBFunction_IubDataStreams.pmHsDataFrameDelayIubSpi02_11	Sum	

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			<p>That is, state is operational and the Device board has correct capability. The delay is between SRNC and RBS, that is, both Iub and Iur are included in the delay measurement. Sampled every 100 ms period. The samples are taken from all the HS-DSCH channels scheduled on priority class 02.</p>		
pmHsDataFrameDelayIubSpi02_12	ACCUMULATION	INTEGER	The PM counter presents a histogram over the dynamic delay experienced between SRNC and RBS by the flow controlled HSDPA flows, that	ME_NodeBFunction_IubDataStreams.pmHsDataFrameDelayIubSpi02_12	Sum

		<p>is, the buffer build-up delay distribution for HS traffic. Measurement can be started on at least one Device Set (DBCCS). That is, state is operational and the Device board has correct capability. The delay is between SRNC and RBS, that is, both Iub and Iur are included in the delay measurement. Sampled every 100 ms period. The samples are taken from all the HS-DSCH channels scheduled</p>			
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			on priority class 02.		
pmHsDataFrameDelayIubSpi02_13	ACCUMULATION	INTEGER	The PM counter presents a histogram over the dynamic delay experienced between SRNC and RBS by the flow controlled HSDPA flows, that is, the buffer build-up delay distribution for HS traffic. Measurement can be started on at least one Device Set (DBCCS). That is, state is operational and the Device board has correct capability. The delay is between SRNC and RBS, that is, both Iub and Iur are included in	ME_NodeBFunction_IubDataStreams.pmHsDataFrameDelayIubSpi02_13	Sum

			the delay measurement. Sampled every 100 ms period. The samples are taken from all the HS-DSCH channels scheduled on priority class 02.			
pmHsDataFrameDelayIubSpi02_14	ACCUMULATION	INTEGER	The PM counter presents a histogram over the dynamic delay experienced between SRNC and RBS by the flow controlled HSDPA flows, that is, the buffer build-up delay distribution for HS traffic. Measurement can be started on	ME_NodeBFunction_IubDataStreams.pmHsDataFrameDelayIubSpi02_14	Sum	

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			<p>at least one Device Set (DBCCS). That is, state is operational and the Device board has correct capability. The delay is between SRNC and RBS, that is, both Iub and Iur are included in the delay measurement. Sampled every 100 ms period. The samples are taken from all the HS-DSCH channels scheduled on priority class 02.</p>		
pmHsDataFrameDelayIubSpi02_15	ACCUMULATION	INTEGER	The PM counter presents a histogram over the dynamic delay experienced between SRNC and RBS by the flow	ME_NodeBFunction_IubDataStreams.pmHsDataFrameDelayIubSpi02_15	Sum

		<p>controlled HSDPA flows, that is, the buffer build-up delay distribution for HS traffic. Measurement can be started on at least one Device Set (DBCCS). That is, state is operational and the Device board has correct capability. The delay is between SRNC and RBS, that is, both Iub and Iur are included in the delay measurement. Sampled every 100 ms period. The samples are taken from all the HS-</p>			
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			DSCH channels scheduled on priority class 02.		
pmHsDataFrameDelayIubSpi02_1	ACCUMULATION	INTEGER	The PM counter presents a histogram over the dynamic delay experienced between SRNC and RBS by the flow controlled HSDPA flows, that is, the buffer build-up delay distribution for HS traffic. Measurement can be started on at least one Device Set (DBCCS). That is, state is operational and the Device board has correct capability. The delay is between SRNC and RBS, that	ME_NodeBFunction_IubDataStreams.pmHsDataFrameDelayIubSpi02_1	Sum

			is, both Iub and Iur are included in the delay measurement. Sampled every 100 ms period. The samples are taken from all the HS-DSCH channels scheduled on priority class 02.			
pmHsDataFrameDelayIubSpi02_2	ACCUMULATION	INTEGER	The PM counter presents a histogram over the dynamic delay experienced between SRNC and RBS by the flow controlled HSDPA flows, that is, the buffer build-up delay distribution for HS traffic.Meas	ME_NodeBFunction_IubDataStreams.pmHsDataFrameDelayIubSpi02_2	Sum	

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			<p>surement can be started on at least one Device Set (DBCCS). That is, state is operational and the Device board has correct capability. The delay is between SRNC and RBS, that is, both Iub and Iur are included in the delay measurement. Sampled every 100 ms period. The samples are taken from all the HS-DSCH channels scheduled on priority class 02.</p>			
pmHsDataFrameDelayIubSpi02_3	ACCUMULATION	INTEGER	The PM counter presents a histogram over the dynamic delay experienced between	ME_NodeBFunction_IubDataStreams.pmHsDataFrameDelayIubSpi02_3	Sum	

		<p>SRNC and RBS by the flow controlled HSDPA flows, that is, the buffer build-up delay distribution for HS traffic. Measurement can be started on at least one Device Set (DBCCS). That is, state is operational and the Device board has correct capability. The delay is between SRNC and RBS, that is, both Iub and Iur are included in the delay measurement. Sampled every 100 ms period. The</p>		
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			samples are taken from all the HS-DSCH channels scheduled on priority class 02.		
pmHsDataFrameDelayIubSpi02_4	ACCUMULATION	INTEGER	The PM counter presents a histogram over the dynamic delay experienced between SRNC and RBS by the flow controlled HSDPA flows, that is, the buffer build-up delay distribution for HS traffic. Measurement can be started on at least one Device Set (DBCCS). That is, state is operational and the Device board has correct capability. The delay	ME_NodeBFunction_IubDataStreams.pmHsDataFrameDelayIubSpi02_4	Sum

			<p>is between SRNC and RBS, that is, both Iub and Iur are included in the delay measurement. Sampled every 100 ms period. The samples are taken from all the HS-DSCH channels scheduled on priority class 02.</p>		
pmHsDataFrameDelayIubSpi02_5	ACCUMULATION	INTEGER	<p>The PM counter presents a histogram over the dynamic delay experienced between SRNC and RBS by the flow controlled HSDPA flows, that is, the buffer build-up delay</p>	ME_NodeBFunction_IubDataStreams.pmHsDataFrameDelayIubSpi02_5	Sum

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			<p>distribution for HS traffic. Measurement can be started on at least one Device Set (DBCCS). That is, state is operational and the Device board has correct capability. The delay is between SRNC and RBS, that is, both Iub and Iur are included in the delay measurement. Sampled every 100 ms period. The samples are taken from all the HS-DSCH channels scheduled on priority class 02.</p>		
pmHsDataFrameDelayIubSpi02_6	ACCUMULATION	INTEGER	The PM counter presents a histogram over the dynamic	ME_NodeBFunction_IubDataStreams.pmHsDataFrameDelayIubSpi02_6	Sum

		<p>delay experience d between SRNC and RBS by the flow controlled HSDPA flows, that is, the buffer build-up delay distribution for HS traffic. Mea- surement can be started on at least one Device Set (DBCCS). That is, state is operational and the Device board has correct capability. The delay is between SRNC and RBS, that is, both Iub and Iur are included in the delay measureme- nt. Sampled</p>		
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			every 100 ms period. The samples are taken from all the HS-DSCH channels scheduled on priority class 02.			
pmHsDataFrameDelayIubSpi02_7	ACCUMULATION	INTEGER	The PM counter presents a histogram over the dynamic delay experienced between SRNC and RBS by the flow controlled HSDPA flows, that is, the buffer build-up delay distribution for HS traffic. Measurement can be started on at least one Device Set (DBCCS). That is, state is operational and the Device board has	ME_NodeBFunction_IubDataStreams.pmHsDataFrameDelayIubSpi02_7	Sum	

			<p>correct capability. The delay is between SRNC and RBS, that is, both Iub and Iur are included in the delay measurement. Sampled every 100 ms period. The samples are taken from all the HS-DSCH channels scheduled on priority class 02.</p>		
pmHsDataFrameDelayIubSpi02_8	ACCUMULATION	INTEGER	<p>The PM counter presents a histogram over the dynamic delay experienced between SRNC and RBS by the flow controlled HSDPA flows, that is, the</p>	ME_NodeBFunction_IubDataStreams.pmHsDataFrameDelayIubSpi02_8	Sum

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			<p>buffer build-up delay distribution for HS traffic. Measurement can be started on at least one Device Set (DBCCS). That is, state is operational and the Device board has correct capability. The delay is between SRNC and RBS, that is, both Iub and Iur are included in the delay measurement. Sampled every 100 ms period. The samples are taken from all the HS-DSCH channels scheduled on priority class 02.</p>			
pmHsDataFrameDelayIubSpi02_9	ACCUMULATION	INTEGER	The PM counter presents a	ME_NodeBFunction_IubDataStreams.pmHsDataFrameDelayIubSpi02_9	Sum	

		<p>histogram over the dynamic delay experience d between SRNC and RBS by the flow controlled HSDPA flows, that is, the buffer build-up delay distribution for HS traffic.Measurement can be started on at least one Device Set (DBCCS). That is, state is operational and the Device board has correct capability. The delay is between SRNC and RBS, that is, both Iub and Iur are included in the delay</p>		
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			<p>measurement. Sampled every 100 ms period. The samples are taken from all the HS-DSCH channels scheduled on priority class 02.</p>		
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7.57.14NodeB.Ericsson.UMTS.PDF_pmHsDataFrameDelayIubSpi03

pmHsDataFrameDelayIubSpi03 PDF counters

KPI	Type	Data Type	Description	Derivation	Default Aggregator	Other Aggregators
pmHsDataFrameDelayIubSpi03_0	ACCUMULATION	INTEGER	The PM counter presents a histogram over the dynamic delay experienced between SRNC and RBS by the flow controlled HSDPA flows, that is, the buffer build-up delay distribution for HS traffic.Meas	ME_NodeBFunction_IubDataStreams.pmHsDataFrameDelayIubSpi03_0	Sum	

			<p>surement can be started on at least one Device Set (DBCCS). That is, state is operational and the Device board has correct capability. The delay is between SRNC and RBS, that is, both Iub and Iur are included in the delay measurement. Sampled every 100 ms period. The samples are taken from all the HS-DSCH channels scheduled on priority class 03.</p>			
pmHsDataFrameDelayIubSpi03_10	ACCUMULATION	INTEGER	The PM counter presents a histogram	ME_NodeBFunction_IubDataStreams.pmHsDataFrameDelayIubSpi03_10	Sum	

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		<p>over the dynamic delay experienced between SRNC and RBS by the flow controlled HSDPA flows, that is, the buffer build-up delay distribution for HS traffic. Measurement can be started on at least one Device Set (DBCCS). That is, state is operational and the Device board has correct capability. The delay is between SRNC and RBS, that is, both Iub and Iur are included in the delay measurement. Sampled every 100 ms period. The</p>		
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			samples are taken from all the HS-DSCH channels scheduled on priority class 03.		
pmHsDataFrameDelayIubSpi03_11	ACCUMULATION	INTEGER	The PM counter presents a histogram over the dynamic delay experienced between SRNC and RBS by the flow controlled HSDPA flows, that is, the buffer build-up delay distribution for HS traffic. Measurement can be started on at least one Device Set (DBCCS). That is, state is operational and the	ME_NodeBFunction_IubDataStreams.pmHsDataFrameDelayIubSpi03_11	Sum

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			<p>Device board has correct capability. The delay is between SRNC and RBS, that is, both Iub and Iur are included in the delay measurement. Sampled every 100 ms period. The samples are taken from all the HS-DSCH channels scheduled on priority class 03.</p>		
pmHsDataFrameDelayIubSpi03_12	ACCUMULATION	INTERGER	<p>The PM counter presents a histogram over the dynamic delay experienced between SRNC and RBS by the flow controlled HSDPA flows, that is, the buffer build-up delay</p>	ME_NodeBFunction_IubDataStreams.pmHsDataFrameDelayIubSpi03_12	Sum

			<p>distribution for HS traffic. Measurement can be started on at least one Device Set (DBCCS). That is, state is operational and the Device board has correct capability. The delay is between SRNC and RBS, that is, both Iub and Iur are included in the delay measurement. Sampled every 100 ms period. The samples are taken from all the HS-DSCH channels scheduled on priority class 03.</p>			
pmHsDataFrameD	ACCUMU	INTE	The PM	ME_NodeBFunction_IubDat	Sum	

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elayIubSpi03_13	LATION	GER	<p>counter presents a histogram over the dynamic delay experience d between SRNC and RBS by the flow controlled HSDPA flows, that is, the buffer build-up delay distribution for HS traffic.Measurement can be started on at least one Device Set (DBCCS). That is, state is operational and the Device board has correct capability. The delay is between SRNC and RBS, that is, both Iub and Iur are included in the delay measurement. Sampled</p>	<p>aStreams.pmHsDataFrameDe layIubSpi03_13</p>		
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			every 100 ms period. The samples are taken from all the HS-DSCH channels scheduled on priority class 03.			
pmHsDataFrameDelayIubSpi03_14	ACCUMULATION	INTEGER	The PM counter presents a histogram over the dynamic delay experienced between SRNC and RBS by the flow controlled HSDPA flows, that is, the buffer build-up delay distribution for HS traffic. Measurement can be started on at least one Device Set (DBCCS). That is,	ME_NodeBFunction_IubDataStreams.pmHsDataFrameDelayIubSpi03_14	Sum	

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			<p>state is operational and the Device board has correct capability. The delay is between SRNC and RBS, that is, both Iub and Iur are included in the delay measurement. Sampled every 100 ms period. The samples are taken from all the HS-DSCH channels scheduled on priority class 03.</p>		
pmHsDataFrameDelayIubSpi03_15	ACCUMULATION	INTEGER	<p>The PM counter presents a histogram over the dynamic delay experienced between SRNC and RBS by the flow controlled HSDPA flows, that is, the</p>	ME_NodeBFunction_IubDataStreams.pmHsDataFrameDelayIubSpi03_15	Sum

		<p>buffer build-up delay distribution for HS traffic. Measurement can be started on at least one Device Set (DBCCS). That is, state is operational and the Device board has correct capability. The delay is between SRNC and RBS, that is, both Iub and Iur are included in the delay measurement. Sampled every 100 ms period. The samples are taken from all the HS-DSCH channels scheduled on priority</p>		
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			class 03.		
pmHsDataFrameDelayIubSpi03_1	ACCUMULATION	INTEGER	The PM counter presents a histogram over the dynamic delay experienced between SRNC and RBS by the flow controlled HSDPA flows, that is, the buffer build-up delay distribution for HS traffic. Measurement can be started on at least one Device Set (DBCCS). That is, state is operational and the Device board has correct capability. The delay is between SRNC and RBS, that is, both Iub and Iur are included in the delay	ME_NodeBFunction_IubDataStreams.pmHsDataFrameDelayIubSpi03_1	Sum

			<p>measurement. Sampled every 100 ms period. The samples are taken from all the HS-DSCH channels scheduled on priority class 03.</p>		
pmHsDataFrameDelayIubSpi03_2	ACCUMULATION	INTEGER	<p>The PM counter presents a histogram over the dynamic delay experienced between SRNC and RBS by the flow controlled HSDPA flows, that is, the buffer build-up delay distribution for HS traffic. Measurement can be started on at least one</p>	ME_NodeBFunction_IubDataStreams.pmHsDataFrameDelayIubSpi03_2	Sum

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			<p>Device Set (DBCCS). That is, state is operational and the Device board has correct capability. The delay is between SRNC and RBS, that is, both Iub and Iur are included in the delay measurement. Sampled every 100 ms period. The samples are taken from all the HS-DSCH channels scheduled on priority class 03.</p>		
pmHsDataFrameDelayIubSpi03_3	ACCUMULATION	INTEGER	The PM counter presents a histogram over the dynamic delay experienced between SRNC and RBS by the flow controlled	ME_NodeBFunction_IubDataStreams.pmHsDataFrameDelayIubSpi03_3	Sum

			<p>HSDPA flows, that is, the buffer build-up delay distribution for HS traffic. Measurement can be started on at least one Device Set (DBCCS). That is, state is operational and the Device board has correct capability. The delay is between SRNC and RBS, that is, both Iub and Iur are included in the delay measurement. Sampled every 100 ms period. The samples are taken from all the HS-DSCH</p>		
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			channels scheduled on priority class 03.			
pmHsDataFrameDelayIubSpi03_4	ACCUMULATION	INTEGER	The PM counter presents a histogram over the dynamic delay experienced between SRNC and RBS by the flow controlled HSDPA flows, that is, the buffer build-up delay distribution for HS traffic. Measurement can be started on at least one Device Set (DBCCS). That is, state is operational and the Device board has correct capability. The delay is between SRNC and RBS, that is, both Iub	ME_NodeBFunction_IubDataStreams.pmHsDataFrameDelayIubSpi03_4	Sum	

			and Iur are included in the delay measurement. Sampled every 100 ms period. The samples are taken from all the HS-DSCH channels scheduled on priority class 03.			
pmHsDataFrameDelayIubSpi03_5	ACCUMULATION	INTEGER	The PM counter presents a histogram over the dynamic delay experienced between SRNC and RBS by the flow controlled HSDPA flows, that is, the buffer build-up delay distribution for HS traffic.Measurement	ME_NodeBFunction_IubDataStreams.pmHsDataFrameDelayIubSpi03_5	Sum	

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			<p>can be started on at least one Device Set (DBCCS). That is, state is operational and the Device board has correct capability. The delay is between SRNC and RBS, that is, both Iub and Iur are included in the delay measurement. Sampled every 100 ms period. The samples are taken from all the HS-DSCH channels scheduled on priority class 03.</p>			
pmHsDataFrameDelayIubSpi03_6	ACCUMULATION	INTEGER	The PM counter presents a histogram over the dynamic delay experience d between SRNC and	ME_NodeBFunction_IubDataStreams.pmHsDataFrameDelayIubSpi03_6	Sum	

			<p>RBS by the flow controlled HSDPA flows, that is, the buffer build-up delay distribution for HS traffic. Measurement can be started on at least one Device Set (DBCCS). That is, state is operational and the Device board has correct capability. The delay is between SRNC and RBS, that is, both Iub and Iur are included in the delay measurement. Sampled every 100 ms period. The samples are</p>		
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			taken from all the HS-DSCH channels scheduled on priority class 03.		
pmHsDataFrameDelayIubSpi03_7	ACCUMULATION	INTEGER	The PM counter presents a histogram over the dynamic delay experienced between SRNC and RBS by the flow controlled HSDPA flows, that is, the buffer build-up delay distribution for HS traffic. Measurement can be started on at least one Device Set (DBCCS). That is, state is operational and the Device board has correct capability. The delay is between	ME_NodeBFunction_IubDataStreams.pmHsDataFrameDelayIubSpi03_7	Sum

			SRNC and RBS, that is, both Iub and Iur are included in the delay measurement. Sampled every 100 ms period. The samples are taken from all the HS-DSCH channels scheduled on priority class 03.			
pmHsDataFrameDelayIubSpi03_8	ACCUMULATION	INTEGER	The PM counter presents a histogram over the dynamic delay experienced between SRNC and RBS by the flow controlled HSDPA flows, that is, the buffer build-up delay distribution	ME_NodeBFunction_IubDataStreams.pmHsDataFrameDelayIubSpi03_8	Sum	

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			<p>for HS traffic. Measurement can be started on at least one Device Set (DBCCS). That is, state is operational and the Device board has correct capability. The delay is between SRNC and RBS, that is, both Iub and Iur are included in the delay measurement. Sampled every 100 ms period. The samples are taken from all the HS-DSCH channels scheduled on priority class 03.</p>		
pmHsDataFrameDelayIubSpi03_9	ACCUMULATION	INTEGER	The PM counter presents a histogram over the dynamic delay	ME_NodeBFunction_IubDataStreams.pmHsDataFrameDelayIubSpi03_9	Sum

		<p>experience between SRNC and RBS by the flow controlled HSDPA flows, that is, the buffer build-up delay distribution for HS traffic. Measurement can be started on at least one Device Set (DBCCS). That is, state is operational and the Device board has correct capability. The delay is between SRNC and RBS, that is, both Iub and Iur are included in the delay measurement. Sampled every 100</p>		
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			ms period. The samples are taken from all the HS-DSCH channels scheduled on priority class 03.			
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7.57.15NodeB.Ericsson.UMTS.PDF_pmHsDataFrameDelayIubSpi04

pmHsDataFrameDelayIubSpi04 PDF counters

KPI	Type	Data Type	Description	Derivation	Default Aggregator	Other Aggregators
pmHsDataFrameDelayIubSpi04_0	ACCUMULATION	INTEGER	The PM counter presents a histogram over the dynamic delay experienced between SRNC and RBS by the flow controlled HSDPA flows, that is, the buffer build-up delay distribution for HS traffic. Measurement can be started on at least one	ME_NodeBFunction_IubDataStreams.pmHsDataFrameDelayIubSpi04_0	Sum	

			<p>Device Set (DBCCS). That is, state is operational and the Device board has correct capability. The delay is between SRNC and RBS, that is, both Iub and Iur are included in the delay measurement. Sampled every 100 ms period. The samples are taken from all the HS-DSCH channels scheduled on priority class 04.</p>		
pmHsDataFrameDelayIubSpi04_10	ACCUMULATION	INTEGER	The PM counter presents a histogram over the dynamic delay experience	ME_NodeBFunction_IubDataStreams.pmHsDataFrameDelayIubSpi04_10	Sum

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		<p>d between SRNC and RBS by the flow controlled HSDPA flows, that is, the buffer build-up delay distribution for HS traffic. Measurement can be started on at least one Device Set (DBCCS). That is, state is operational and the Device board has correct capability. The delay is between SRNC and RBS, that is, both Iub and Iur are included in the delay measurement. Sampled every 100 ms period. The samples are taken from all the HS-DSCH</p>		
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			channels scheduled on priority class 04.			
pmHsDataFrameDelayIubSpi04_11	ACCUMULATION	INTEGER	The PM counter presents a histogram over the dynamic delay experienced between SRNC and RBS by the flow controlled HSDPA flows, that is, the buffer build-up delay distribution for HS traffic. Measurement can be started on at least one Device Set (DBCCS). That is, state is operational and the Device board has correct capability.	ME_NodeBFunction_IubDataStreams.pmHsDataFrameDelayIubSpi04_11	Sum	

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			<p>The delay is between SRNC and RBS, that is, both Iub and Iur are included in the delay measurement.</p> <p>Sampled every 100 ms period. The samples are taken from all the HS-DSCH channels scheduled on priority class 04.</p>		
pmHsDataFrameDelayIubSpi04_12	ACCUMULATION	INTEGER	<p>The PM counter presents a histogram over the dynamic delay experienced between SRNC and RBS by the flow controlled HSDPA flows, that is, the buffer build-up delay distribution for HS traffic.Measurement</p>	ME_NodeBFunction_IubDataStreams.pmHsDataFrameDelayIubSpi04_12	Sum

			<p>can be started on at least one Device Set (DBCCS). That is, state is operational and the Device board has correct capability. The delay is between SRNC and RBS, that is, both Iub and Iur are included in the delay measurement. Sampled every 100 ms period. The samples are taken from all the HS-DSCH channels scheduled on priority class 04.</p>			
pmHsDataFrameDelayIubSpi04_13	ACCUMULATION	INTEGER	The PM counter presents a histogram over the	ME_NodeBFunction_IubDataStreams.pmHsDataFrameDelayIubSpi04_13	Sum	

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		<p>dynamic delay experience d between SRNC and RBS by the flow controlled HSDPA flows, that is, the buffer build-up delay distribution for HS traffic.Measurement can be started on at least one Device Set (DBCCS). That is, state is operational and the Device board has correct capability. The delay is between SRNC and RBS, that is, both Iub and Iur are included in the delay measurement. Sampled every 100 ms period. The samples are</p>		
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			taken from all the HS-DSCH channels scheduled on priority class 04.		
pmHsDataFrameDelayIubSpi04_14	ACCUMULATION	INTEGER	The PM counter presents a histogram over the dynamic delay experienced between SRNC and RBS by the flow controlled HSDPA flows, that is, the buffer build-up delay distribution for HS traffic. Measurement can be started on at least one Device Set (DBCCS). That is, state is operational and the Device	ME_NodeBFunction_IubDataStreams.pmHsDataFrameDelayIubSpi04_14	Sum

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			<p>board has correct capability. The delay is between SRNC and RBS, that is, both Iub and Iur are included in the delay measurement. Sampled every 100 ms period. The samples are taken from all the HS-DSCH channels scheduled on priority class 04.</p>		
pmHsDataFrameDelayIubSpi04_15	ACCUMULATION	INTEGER	The PM counter presents a histogram over the dynamic delay experienced between SRNC and RBS by the flow controlled HSDPA flows, that is, the buffer build-up delay distribution	ME_NodeBFunction_IubDataStreams.pmHsDataFrameDelayIubSpi04_15	Sum

			<p>for HS traffic. Measurement can be started on at least one Device Set (DBCCS). That is, state is operational and the Device board has correct capability. The delay is between SRNC and RBS, that is, both Iub and Iur are included in the delay measurement. Sampled every 100 ms period. The samples are taken from all the HS-DSCH channels scheduled on priority class 04.</p>			
pmHsDataFrameDelayIubSpi04_1	ACCUMULATION	INTEGER	The PM counter	ME_NodeBFunction_IubDataStreams.pmHsDataFrameDe	Sum	

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presents a histogram over the dynamic delay experienced between SRNC and RBS by the flow controlled HSDPA flows, that is, the buffer build-up delay distribution for HS traffic. Measurement can be started on at least one Device Set (DBCCS). That is, state is operational and the Device board has correct capability. The delay is between SRNC and RBS, that is, both Iub and Iur are included in the delay measurement. Sampled every 100

layIubSpi04_1

			ms period. The samples are taken from all the HS-DSCH channels scheduled on priority class 04.		
pmHsDataFrameDelayIubSpi04_2	ACCUMULATION	INTEGER	The PM counter presents a histogram over the dynamic delay experienced between SRNC and RBS by the flow controlled HSDPA flows, that is, the buffer build-up delay distribution for HS traffic. Measurement can be started on at least one Device Set (DBCCS). That is, state is	ME_NodeBFunction_IubDataStreams.pmHsDataFrameDelayIubSpi04_2	Sum

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			operational and the Device board has correct capability. The delay is between SRNC and RBS, that is, both Iub and Iur are included in the delay measurement. Sampled every 100 ms period. The samples are taken from all the HS-DSCH channels scheduled on priority class 04.		
pmHsDataFrameDelayIubSpi04_3	ACCUMULATION	INTEGER	The PM counter presents a histogram over the dynamic delay experienced between SRNC and RBS by the flow controlled HSDPA flows, that is, the buffer	ME_NodeBFunction_IubDataStreams.pmHsDataFrameDelayIubSpi04_3	Sum

		<p>build-up delay distribution for HS traffic. Measurement can be started on at least one Device Set (DBCCS). That is, state is operational and the Device board has correct capability. The delay is between SRNC and RBS, that is, both Iub and Iur are included in the delay measurement. Sampled every 100 ms period. The samples are taken from all the HS-DSCH channels scheduled on priority class 04.</p>		
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pmHsDataFrameDelayIubSpi04_4	ACCUMULATION	INTEGER	<p>The PM counter presents a histogram over the dynamic delay experience d between SRNC and RBS by the flow controlled HSDPA flows, that is, the buffer build-up delay distribution for HS traffic.Measurement can be started on at least one Device Set (DBCCS). That is, state is operational and the Device board has correct capability. The delay is between SRNC and RBS, that is, both Iub and Iur are included in the delay measurement.</p>	ME_NodeBFunction_IubDataStreams.pmHsDataFrameDelayIubSpi04_4	Sum	
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			Sampled every 100 ms period. The samples are taken from all the HS-DSCH channels scheduled on priority class 04.			
pmHsDataFrameDelayIubSpi04_5	ACCUMULATION	INTEGER	The PM counter presents a histogram over the dynamic delay experienced between SRNC and RBS by the flow controlled HSDPA flows, that is, the buffer build-up delay distribution for HS traffic. Measurement can be started on at least one Device Set (DBCCS).	ME_NodeBFunction_IubDataStreams.pmHsDataFrameDelayIubSpi04_5	Sum	

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			<p>That is, state is operational and the Device board has correct capability. The delay is between SRNC and RBS, that is, both Iub and Iur are included in the delay measurement. Sampled every 100 ms period. The samples are taken from all the HS-DSCH channels scheduled on priority class 04.</p>		
pmHsDataFrameDelayIubSpi04_6	ACCUMULATION	INTEGER	The PM counter presents a histogram over the dynamic delay experienced between SRNC and RBS by the flow controlled HSDPA flows, that	ME_NodeBFunction_IubDataStreams.pmHsDataFrameDelayIubSpi04_6	Sum

		<p>is, the buffer build-up delay distribution for HS traffic. Measurement can be started on at least one Device Set (DBCCS). That is, state is operational and the Device board has correct capability. The delay is between SRNC and RBS, that is, both Iub and Iur are included in the delay measurement. Sampled every 100 ms period. The samples are taken from all the HS-DSCH channels scheduled</p>			
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			on priority class 04.		
pmHsDataFrameDelayIubSpi04_7	ACCUMULATION	INTEGER	The PM counter presents a histogram over the dynamic delay experienced between SRNC and RBS by the flow controlled HSDPA flows, that is, the buffer build-up delay distribution for HS traffic. Measurement can be started on at least one Device Set (DBCCS). That is, state is operational and the Device board has correct capability. The delay is between SRNC and RBS, that is, both Iub and Iur are included in	ME_NodeBFunction_IubDataStreams.pmHsDataFrameDelayIubSpi04_7	Sum

			the delay measurement. Sampled every 100 ms period. The samples are taken from all the HS-DSCH channels scheduled on priority class 04.		
pmHsDataFrameDelayIubSpi04_8	ACCUMULATION	INTEGER	The PM counter presents a histogram over the dynamic delay experienced between SRNC and RBS by the flow controlled HSDPA flows, that is, the buffer build-up delay distribution for HS traffic. Measurement can be started on	ME_NodeBFunction_IubDataStreams.pmHsDataFrameDelayIubSpi04_8	Sum

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			<p>at least one Device Set (DBCCS). That is, state is operational and the Device board has correct capability. The delay is between SRNC and RBS, that is, both Iub and Iur are included in the delay measurement. Sampled every 100 ms period. The samples are taken from all the HS-DSCH channels scheduled on priority class 04.</p>		
pmHsDataFrameDelayIubSpi04_9	ACCUMULATION	INTEGER	The PM counter presents a histogram over the dynamic delay experienced between SRNC and RBS by the flow	ME_NodeBFunction_IubDataStreams.pmHsDataFrameDelayIubSpi04_9	Sum

		<p>controlled HSDPA flows, that is, the buffer build-up delay distribution for HS traffic. Measurement can be started on at least one Device Set (DBCCS). That is, state is operational and the Device board has correct capability. The delay is between SRNC and RBS, that is, both Iub and Iur are included in the delay measurement. Sampled every 100 ms period. The samples are taken from all the HS-</p>			
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			DSCH channels scheduled on priority class 04.		
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7.57.16NodeB.Ericsson.UMTS.PDF_pmHsDataFrameDelayIubSpi05

pmHsDataFrameDelayIubSpi05 PDF counters

KPI	Type	Data Type	Description	Derivation	Default Aggregator	Other Aggregators
pmHsDataFrameDelayIubSpi05_0	ACCUMULATION	INTEGER	The PM counter presents a histogram over the dynamic delay experienced between SRNC and RBS by the flow controlled HSDPA flows, that is, the buffer build-up delay distribution for HS traffic. Measurement can be started on at least one Device Set (DBCCS). That is, state is operational	ME_NodeBFunction_IubDataStreams.pmHsDataFrameDelayIubSpi05_0	Sum	

			<p>and the Device board has correct capability. The delay is between SRNC and RBS, that is, both Iub and Iur are included in the delay measurement. Sampled every 100 ms period. The samples are taken from all the HS-DSCH channels scheduled on priority class 05.</p>		
pmHsDataFrameDelayIubSpi05_10	ACCUMULATION	INTEGER	<p>The PM counter presents a histogram over the dynamic delay experienced between SRNC and RBS by the flow controlled</p>	ME_NodeBFunction_IubDataStreams.pmHsDataFrameDelayIubSpi05_10	Sum

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		<p>HSDPA flows, that is, the buffer build-up delay distribution for HS traffic. Measurement can be started on at least one Device Set (DBCCS). That is, state is operational and the Device board has correct capability. The delay is between SRNC and RBS, that is, both Iub and Iur are included in the delay measurement. Sampled every 100 ms period. The samples are taken from all the HS-DSCH channels scheduled on priority class 05.</p>		
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<p>pmHsDataFrameDelayIubSpi05_11</p>	<p>ACCUMULATION</p>	<p>INTEGER</p>	<p>The PM counter presents a histogram over the dynamic delay experienced between SRNC and RBS by the flow controlled HSDPA flows, that is, the buffer build-up delay distribution for HS traffic. Measurement can be started on at least one Device Set (DBCCS). That is, state is operational and the Device board has correct capability. The delay is between SRNC and RBS, that is, both Iub</p>	<p>ME_NodeBFunction_IubDataStreams.pmHsDataFrameDelayIubSpi05_11</p>	<p>Sum</p>	
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			<p>and Iur are included in the delay measurement. Sampled every 100 ms period. The samples are taken from all the HS-DSCH channels scheduled on priority class 05.</p>		
pmHsDataFrameDelayIubSpi05_12	ACCUMULATION	INTEGER	<p>The PM counter presents a histogram over the dynamic delay experienced between SRNC and RBS by the flow controlled HSDPA flows, that is, the buffer build-up delay distribution for HS traffic. Measurement can be started on at least one Device Set (DBCCS).</p>	ME_NodeBFunction_IubDataStreams.pmHsDataFrameDelayIubSpi05_12	Sum

			<p>That is, state is operational and the Device board has correct capability. The delay is between SRNC and RBS, that is, both Iub and Iur are included in the delay measurement. Sampled every 100 ms period. The samples are taken from all the HS-DSCH channels scheduled on priority class 05.</p>			
pmHsDataFrameDelayIubSpi05_13	ACCUMULATION	INTEGER	The PM counter presents a histogram over the dynamic delay experience d between SRNC and	ME_NodeBFunction_IubDataStreams.pmHsDataFrameDelayIubSpi05_13	Sum	

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		<p>RBS by the flow controlled HSDPA flows, that is, the buffer build-up delay distribution for HS traffic. Measurement can be started on at least one Device Set (DBCCS). That is, state is operational and the Device board has correct capability. The delay is between SRNC and RBS, that is, both Iub and Iur are included in the delay measurement. Sampled every 100 ms period. The samples are taken from all the HS-DSCH channels scheduled</p>		
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			on priority class 05.		
pmHsDataFrameDelayIubSpi05_14	ACCUMULATION	INTEGER	The PM counter presents a histogram over the dynamic delay experienced between SRNC and RBS by the flow controlled HSDPA flows, that is, the buffer build-up delay distribution for HS traffic. Measurement can be started on at least one Device Set (DBCCS). That is, state is operational and the Device board has correct capability. The delay is between	ME_NodeBFunction_IubDataStreams.pmHsDataFrameDelayIubSpi05_14	Sum

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			<p>SRNC and RBS, that is, both Iub and Iur are included in the delay measurement.</p> <p>Sampled every 100 ms period. The samples are taken from all the HS-DSCH channels scheduled on priority class 05.</p>		
pmHsDataFrameDelayIubSpi05_15	ACCUMULATION	INTEGER	<p>The PM counter presents a histogram over the dynamic delay experienced between SRNC and RBS by the flow controlled HSDPA flows, that is, the buffer build-up delay distribution for HS traffic. Measurement can be started on</p>	ME_NodeBFunction_IubDataStreams.pmHsDataFrameDelayIubSpi05_15	Sum

			<p>at least one Device Set (DBCCS). That is, state is operational and the Device board has correct capability. The delay is between SRNC and RBS, that is, both Iub and Iur are included in the delay measurement. Sampled every 100 ms period. The samples are taken from all the HS-DSCH channels scheduled on priority class 05.</p>			
pmHsDataFrameDelayIubSpi05_1	ACCUMULATION	INTEGER	The PM counter presents a histogram over the dynamic delay	ME_NodeBFunction_IubDataStreams.pmHsDataFrameDelayIubSpi05_1	Sum	

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		<p>experience d between SRNC and RBS by the flow controlled HSDPA flows, that is, the buffer build-up delay distribution for HS traffic. Mea- surement can be started on at least one Device Set (DBCCS). That is, state is operational and the Device board has correct capability. The delay is between SRNC and RBS, that is, both Iub and Iur are included in the delay measureme- nt. Sampled every 100 ms period. The samples are taken from all the HS-</p>		
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			DSCH channels scheduled on priority class 05.		
pmHsDataFrameDelayIubSpi05_2	ACCUMULATION	INTEGER	The PM counter presents a histogram over the dynamic delay experienced between SRNC and RBS by the flow controlled HSDPA flows, that is, the buffer build-up delay distribution for HS traffic. Measurement can be started on at least one Device Set (DBCCS). That is, state is operational and the Device board has correct	ME_NodeBFunction_IubDataStreams.pmHsDataFrameDelayIubSpi05_2	Sum

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			<p>capability. The delay is between SRNC and RBS, that is, both Iub and Iur are included in the delay measurement. Sampled every 100 ms period. The samples are taken from all the HS-DSCH channels scheduled on priority class 05.</p>		
pmHsDataFrameDelayIubSpi05_3	ACCUMULATION	INTEGER	<p>The PM counter presents a histogram over the dynamic delay experienced between SRNC and RBS by the flow controlled HSDPA flows, that is, the buffer build-up delay distribution for HS traffic. Mea</p>	ME_NodeBFunction_IubDataStreams.pmHsDataFrameDelayIubSpi05_3	Sum

			<p>surement can be started on at least one Device Set (DBCCS). That is, state is operational and the Device board has correct capability. The delay is between SRNC and RBS, that is, both Iub and Iur are included in the delay measurement. Sampled every 100 ms period. The samples are taken from all the HS-DSCH channels scheduled on priority class 05.</p>			
pmHsDataFrameDelayIubSpi05_4	ACCUMULATION	INTEGER	The PM counter presents a histogram	ME_NodeBFunction_IubDataStreams.pmHsDataFrameDelayIubSpi05_4	Sum	

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		<p>over the dynamic delay experienced between SRNC and RBS by the flow controlled HSDPA flows, that is, the buffer build-up delay distribution for HS traffic. Measurement can be started on at least one Device Set (DBCCS). That is, state is operational and the Device board has correct capability. The delay is between SRNC and RBS, that is, both Iub and Iur are included in the delay measurement. Sampled every 100 ms period. The</p>		
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			samples are taken from all the HS-DSCH channels scheduled on priority class 05.		
pmHsDataFrameDelayIubSpi05_5	ACCUMULATION	INTEGER	The PM counter presents a histogram over the dynamic delay experienced between SRNC and RBS by the flow controlled HSDPA flows, that is, the buffer build-up delay distribution for HS traffic. Measurement can be started on at least one Device Set (DBCCS). That is, state is operational and the	ME_NodeBFunction_IubDataStreams.pmHsDataFrameDelayIubSpi05_5	Sum

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			<p>Device board has correct capability. The delay is between SRNC and RBS, that is, both Iub and Iur are included in the delay measurement. Sampled every 100 ms period. The samples are taken from all the HS-DSCH channels scheduled on priority class 05.</p>		
pmHsDataFrameDelayIubSpi05_6	ACCUMULATION	INTEGER	<p>The PM counter presents a histogram over the dynamic delay experienced between SRNC and RBS by the flow controlled HSDPA flows, that is, the buffer build-up delay</p>	ME_NodeBFunction_IubDataStreams.pmHsDataFrameDelayIubSpi05_6	Sum

			<p>distribution for HS traffic. Measurement can be started on at least one Device Set (DBCCS). That is, state is operational and the Device board has correct capability. The delay is between SRNC and RBS, that is, both Iub and Iur are included in the delay measurement. Sampled every 100 ms period. The samples are taken from all the HS-DSCH channels scheduled on priority class 05.</p>			
pmHsDataFrameD	ACCUMU	INTE	The PM	ME_NodeBFunction_IubDat	Sum	

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elayIubSpi05_7	LATION	GER	<p>counter presents a histogram over the dynamic delay experience d between SRNC and RBS by the flow controlled HSDPA flows, that is, the buffer build-up delay distribution for HS traffic.Measurement can be started on at least one Device Set (DBCCS). That is, state is operational and the Device board has correct capability. The delay is between SRNC and RBS, that is, both Iub and Iur are included in the delay measurement. Sampled</p>	<p>aStreams.pmHsDataFrameDelayIubSpi05_7</p>		
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			every 100 ms period. The samples are taken from all the HS-DSCH channels scheduled on priority class 05.			
pmHsDataFrameDelayIubSpi05_8	ACCUMULATION	INTEGER	The PM counter presents a histogram over the dynamic delay experienced between SRNC and RBS by the flow controlled HSDPA flows, that is, the buffer build-up delay distribution for HS traffic. Measurement can be started on at least one Device Set (DBCCS). That is,	ME_NodeBFunction_IubDataStreams.pmHsDataFrameDelayIubSpi05_8	Sum	

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			<p>state is operational and the Device board has correct capability. The delay is between SRNC and RBS, that is, both Iub and Iur are included in the delay measurement. Sampled every 100 ms period. The samples are taken from all the HS-DSCH channels scheduled on priority class 05.</p>		
pmHsDataFrameDelayIubSpi05_9	ACCUMULATION	INTEGER	The PM counter presents a histogram over the dynamic delay experienced between SRNC and RBS by the flow controlled HSDPA flows, that is, the	ME_NodeBFunction_IubDataStreams.pmHsDataFrameDelayIubSpi05_9	Sum

		<p>buffer build-up delay distribution for HS traffic. Measurement can be started on at least one Device Set (DBCCS). That is, state is operational and the Device board has correct capability. The delay is between SRNC and RBS, that is, both Iub and Iur are included in the delay measurement. Sampled every 100 ms period. The samples are taken from all the HS-DSCH channels scheduled on priority</p>		
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		class 05.		
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7.57.17NodeB.Ericsson.UMTS.PDF_pmHsDataFrameDelayIubSpi06

pmHsDataFrameDelayIubSpi06 PDF counters

KPI	Type	Data Type	Description	Derivation	Default Aggregator	Other Aggregators
pmHsDataFrameDelayIubSpi06_0	ACCUMULATION	INTEGER	The PM counter presents a histogram over the dynamic delay experienced between SRNC and RBS by the flow controlled HSDPA flows, that is, the buffer build-up delay distribution for HS traffic. Measurement can be started on at least one Device Set (DBCCS). That is, state is operational and the Device board has correct	ME_NodeBFunction_IubDataStreams.pmHsDataFrameDelayIubSpi06_0	Sum	

			<p>capability. The delay is between SRNC and RBS, that is, both Iub and Iur are included in the delay measurement. Sampled every 100 ms period. The samples are taken from all the HS-DSCH channels scheduled on priority class 06.</p>		
pmHsDataFrameDelayIubSpi06_10	ACCUMULATION	INTEGER	<p>The PM counter presents a histogram over the dynamic delay experienced between SRNC and RBS by the flow controlled HSDPA flows, that is, the buffer</p>	ME_NodeBFunction_IubDataStreams.pmHsDataFrameDelayIubSpi06_10	Sum

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			<p>build-up delay distribution for HS traffic. Measurement can be started on at least one Device Set (DBCCS). That is, state is operational and the Device board has correct capability. The delay is between SRNC and RBS, that is, both Iub and Iur are included in the delay measurement. Sampled every 100 ms period. The samples are taken from all the HS-DSCH channels scheduled on priority class 06.</p>			
pmHsDataFrameDelayIubSpi06_11	ACCUMULATION	INTEGER	The PM counter presents a histogram	ME_NodeBFunction_IubDataStreams.pmHsDataFrameDelayIubSpi06_11	Sum	

		<p>over the dynamic delay experienced between SRNC and RBS by the flow controlled HSDPA flows, that is, the buffer build-up delay distribution for HS traffic. Measurement can be started on at least one Device Set (DBCCS). That is, state is operational and the Device board has correct capability. The delay is between SRNC and RBS, that is, both Iub and Iur are included in the delay measurement</p>			
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			<p>nt. Sampled every 100 ms period. The samples are taken from all the HS-DSCH channels scheduled on priority class 06.</p>		
<p>pmHsDataFrameDelayIubSpi06_12</p>	<p>ACCUMULATION</p>	<p>INTERGER</p>	<p>The PM counter presents a histogram over the dynamic delay experienced between SRNC and RBS by the flow controlled HSDPA flows, that is, the buffer build-up delay distribution for HS traffic. Measurement can be started on at least one Device Set (DBCCS). That is, state is operational and the</p>	<p>ME_NodeBFunction_IubDataStreams.pmHsDataFrameDelayIubSpi06_12</p>	<p>Sum</p>

			<p>Device board has correct capability. The delay is between SRNC and RBS, that is, both Iub and Iur are included in the delay measurement. Sampled every 100 ms period. The samples are taken from all the HS-DSCH channels scheduled on priority class 06.</p>			
pmHsDataFrameDelayIubSpi06_13	ACCUMULATION	INTEGER	<p>The PM counter presents a histogram over the dynamic delay experienced between SRNC and RBS by the flow controlled HSDPA</p>	ME_NodeBFunction_IubDataStreams.pmHsDataFrameDelayIubSpi06_13	Sum	

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			<p>flows, that is, the buffer build-up delay distribution for HS traffic. Measurement can be started on at least one Device Set (DBCCS). That is, state is operational and the Device board has correct capability. The delay is between SRNC and RBS, that is, both Iub and Iur are included in the delay measurement. Sampled every 100 ms period. The samples are taken from all the HS-DSCH channels scheduled on priority class 06.</p>			
pmHsDataFrameD	ACCUMU	INTE	The PM	ME_NodeBFunction_IubDat	Sum	

elayIubSpi06_14	LATION	GER	counter presents a histogram over the dynamic delay experience d between SRNC and RBS by the flow controlled HSDPA flows, that is, the buffer build-up delay distribution for HS traffic.Measurement can be started on at least one Device Set (DBCCS). That is, state is operational and the Device board has correct capability. The delay is between SRNC and RBS, that is, both Iub and Iur are	aStreams.pmHsDataFrameDe layIubSpi06_14		
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			<p>included in the delay measurement. Sampled every 100 ms period. The samples are taken from all the HS-DSCH channels scheduled on priority class 06.</p>		
pmHsDataFrameDelayIubSpi06_15	ACCUMULATION	INTEGER	<p>The PM counter presents a histogram over the dynamic delay experienced between SRNC and RBS by the flow controlled HSDPA flows, that is, the buffer build-up delay distribution for HS traffic. Measurement can be started on at least one Device Set (DBCCS). That is,</p>	ME_NodeBFunction_IubDataStreams.pmHsDataFrameDelayIubSpi06_15	Sum

			<p>state is operational and the Device board has correct capability. The delay is between SRNC and RBS, that is, both Iub and Iur are included in the delay measurement. Sampled every 100 ms period. The samples are taken from all the HS-DSCH channels scheduled on priority class 06.</p>			
pmHsDataFrameDelayIubSpi06_1	ACCUMULATION	INTEGER	<p>The PM counter presents a histogram over the dynamic delay experienced between SRNC and RBS by the</p>	ME_NodeBFunction_IubDataStreams.pmHsDataFrameDelayIubSpi06_1	Sum	

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		<p>flow controlled HSDPA flows, that is, the buffer build-up delay distribution for HS traffic. Measurement can be started on at least one Device Set (DBCCS). That is, state is operational and the Device board has correct capability. The delay is between SRNC and RBS, that is, both Iub and Iur are included in the delay measurement. Sampled every 100 ms period. The samples are taken from all the HS-DSCH channels scheduled on priority</p>		
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			class 06.		
pmHsDataFrameDelayIubSpi06_2	ACCUMULATION	INTEGER	The PM counter presents a histogram over the dynamic delay experienced between SRNC and RBS by the flow controlled HSDPA flows, that is, the buffer build-up delay distribution for HS traffic. Measurement can be started on at least one Device Set (DBCCS). That is, state is operational and the Device board has correct capability. The delay is between SRNC and	ME_NodeBFunction_IubDataStreams.pmHsDataFrameDelayIubSpi06_2	Sum

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			<p>RBS, that is, both Iub and Iur are included in the delay measurement. Sampled every 100 ms period. The samples are taken from all the HS-DSCH channels scheduled on priority class 06.</p>		
pmHsDataFrameDelayIubSpi06_3	ACCUMULATION	INTEGER	<p>The PM counter presents a histogram over the dynamic delay experienced between SRNC and RBS by the flow controlled HSDPA flows, that is, the buffer build-up delay distribution for HS traffic. Measurement can be started on at least one</p>	ME_NodeBFunction_IubDataStreams.pmHsDataFrameDelayIubSpi06_3	Sum

			<p>Device Set (DBCCS). That is, state is operational and the Device board has correct capability. The delay is between SRNC and RBS, that is, both Iub and Iur are included in the delay measurement. Sampled every 100 ms period. The samples are taken from all the HS-DSCH channels scheduled on priority class 06.</p>		
pmHsDataFrameDelayIubSpi06_4	ACCUMULATION	INTEGER	The PM counter presents a histogram over the dynamic delay experience	ME_NodeBFunction_IubDataStreams.pmHsDataFrameDelayIubSpi06_4	Sum

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		<p>d between SRNC and RBS by the flow controlled HSDPA flows, that is, the buffer build-up delay distribution for HS traffic. Measurement can be started on at least one Device Set (DBCCS). That is, state is operational and the Device board has correct capability. The delay is between SRNC and RBS, that is, both Iub and Iur are included in the delay measurement. Sampled every 100 ms period. The samples are taken from all the HS-DSCH</p>		
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			channels scheduled on priority class 06.			
pmHsDataFrameDelayIubSpi06_5	ACCUMULATION	INTEGER	The PM counter presents a histogram over the dynamic delay experienced between SRNC and RBS by the flow controlled HSDPA flows, that is, the buffer build-up delay distribution for HS traffic. Measurement can be started on at least one Device Set (DBCCS). That is, state is operational and the Device board has correct capability.	ME_NodeBFunction_IubDataStreams.pmHsDataFrameDelayIubSpi06_5	Sum	

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			<p>The delay is between SRNC and RBS, that is, both Iub and Iur are included in the delay measurement.</p> <p>Sampled every 100 ms period. The samples are taken from all the HS-DSCH channels scheduled on priority class 06.</p>		
pmHsDataFrameDelayIubSpi06_6	ACCUMULATION	INTEGER	<p>The PM counter presents a histogram over the dynamic delay experienced between SRNC and RBS by the flow controlled HSDPA flows, that is, the buffer build-up delay distribution for HS traffic. Measurement</p>	ME_NodeBFunction_IubDataStreams.pmHsDataFrameDelayIubSpi06_6	Sum

			<p>can be started on at least one Device Set (DBCCS). That is, state is operational and the Device board has correct capability. The delay is between SRNC and RBS, that is, both Iub and Iur are included in the delay measurement. Sampled every 100 ms period. The samples are taken from all the HS-DSCH channels scheduled on priority class 06.</p>			
pmHsDataFrameDelayIubSpi06_7	ACCUMULATION	INTEGER	The PM counter presents a histogram over the	ME_NodeBFunction_IubDataStreams.pmHsDataFrameDelayIubSpi06_7	Sum	

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		<p>dynamic delay experience d between SRNC and RBS by the flow controlled HSDPA flows, that is, the buffer build-up delay distribution for HS traffic.Measurement can be started on at least one Device Set (DBCCS). That is, state is operational and the Device board has correct capability. The delay is between SRNC and RBS, that is, both Iub and Iur are included in the delay measurement. Sampled every 100 ms period. The samples are</p>		
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			taken from all the HS-DSCH channels scheduled on priority class 06.		
pmHsDataFrameDelayIubSpi06_8	ACCUMULATION	INTEGER	The PM counter presents a histogram over the dynamic delay experienced between SRNC and RBS by the flow controlled HSDPA flows, that is, the buffer build-up delay distribution for HS traffic. Measurement can be started on at least one Device Set (DBCCS). That is, state is operational and the Device	ME_NodeBFunction_IubDataStreams.pmHsDataFrameDelayIubSpi06_8	Sum

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			<p>board has correct capability. The delay is between SRNC and RBS, that is, both Iub and Iur are included in the delay measurement. Sampled every 100 ms period. The samples are taken from all the HS-DSCH channels scheduled on priority class 06.</p>		
pmHsDataFrameDelayIubSpi06_9	ACCUMULATION	INTEGER	<p>The PM counter presents a histogram over the dynamic delay experienced between SRNC and RBS by the flow controlled HSDPA flows, that is, the buffer build-up delay distribution</p>	ME_NodeBFunction_IubDataStreams.pmHsDataFrameDelayIubSpi06_9	Sum

		<p>for HS traffic. Measurement can be started on at least one Device Set (DBCCS). That is, state is operational and the Device board has correct capability. The delay is between SRNC and RBS, that is, both Iub and Iur are included in the delay measurement. Sampled every 100 ms period. The samples are taken from all the HS-DSCH channels scheduled on priority class 06.</p>		
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7.57.18NodeB.Ericsson.UMTS.PDF_pmHsDataFrameDelayIubSpi07

pmHsDataFrameDelayIubSpi07 PDF counters

KPI	Type	Data Type	Description	Derivation	Default Aggregator	Other Aggregators
pmHsDataFrameDelayIubSpi07_0	ACCUMULATION	INTEGER	The PM counter presents a histogram over the dynamic delay experienced between SRNC and RBS by the flow controlled HSDPA flows, that is, the buffer build-up delay distribution for HS traffic. Measurement can be started on at least one Device Set (DBCCS). That is, state is operational and the Device board has correct capability. The delay is between SRNC and	ME_NodeBFunction_IubDataStreams.pmHsDataFrameDelayIubSpi07_0	Sum	

			<p>RBS, that is, both Iub and Iur are included in the delay measurement. Sampled every 100 ms period. The samples are taken from all the HS-DSCH channels scheduled on priority class 07.</p>		
pmHsDataFrameDelayIubSpi07_10	ACCUMULATION	INTEGER	<p>The PM counter presents a histogram over the dynamic delay experienced between SRNC and RBS by the flow controlled HSDPA flows, that is, the buffer build-up delay distribution for HS</p>	ME_NodeBFunction_IubDataStreams.pmHsDataFrameDelayIubSpi07_10	Sum

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			<p>traffic.Measurement can be started on at least one Device Set (DBCCS). That is, state is operational and the Device board has correct capability. The delay is between SRNC and RBS, that is, both Iub and Iur are included in the delay measurement. Sampled every 100 ms period. The samples are taken from all the HS-DSCH channels scheduled on priority class 07.</p>		
pmHsDataFrameDelayIubSpi07_11	ACCUMULATION	INTEGER	The PM counter presents a histogram over the dynamic delay experience	ME_NodeBFunction_IubDataStreams.pmHsDataFrameDelayIubSpi07_11	Sum

		<p>d between SRNC and RBS by the flow controlled HSDPA flows, that is, the buffer build-up delay distribution for HS traffic. Measurement can be started on at least one Device Set (DBCCS). That is, state is operational and the Device board has correct capability. The delay is between SRNC and RBS, that is, both Iub and Iur are included in the delay measurement. Sampled every 100 ms period.</p>		
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			The samples are taken from all the HS-DSCH channels scheduled on priority class 07.			
pmHsDataFrameDelayIubSpi07_12	ACCUMULATION	INTEGER	The PM counter presents a histogram over the dynamic delay experienced between SRNC and RBS by the flow controlled HSDPA flows, that is, the buffer build-up delay distribution for HS traffic. Measurement can be started on at least one Device Set (DBCCS). That is, state is operational and the Device board has correct capability.	ME_NodeBFunction_IubDataStreams.pmHsDataFrameDelayIubSpi07_12	Sum	

			<p>The delay is between SRNC and RBS, that is, both Iub and Iur are included in the delay measurement.</p> <p>Sampled every 100 ms period.</p> <p>The samples are taken from all the HS-DSCH channels scheduled on priority class 07.</p>			
pmHsDataFrameDelayIubSpi07_13	ACCUMULATION	INTEGER	<p>The PM counter presents a histogram over the dynamic delay experienced between SRNC and RBS by the flow controlled HSDPA flows, that is, the buffer build-up</p>	ME_NodeBFunction_IubDataStreams.pmHsDataFrameDelayIubSpi07_13	Sum	

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			<p>delay distribution for HS traffic. Measurement can be started on at least one Device Set (DBCCS). That is, state is operational and the Device board has correct capability. The delay is between SRNC and RBS, that is, both Iub and Iur are included in the delay measurement. Sampled every 100 ms period. The samples are taken from all the HS-DSCH channels scheduled on priority class 07.</p>		
pmHsDataFrameDelayIubSpi07_14	ACCUMULATION	INTEGER	The PM counter presents a histogram over the	ME_NodeBFunction_IubDataStreams.pmHsDataFrameDelayIubSpi07_14	Sum

		<p>dynamic delay experience d between SRNC and RBS by the flow controlled HSDPA flows, that is, the buffer build-up delay distribution for HS traffic.Measurement can be started on at least one Device Set (DBCCS). That is, state is operational and the Device board has correct capability. The delay is between SRNC and RBS, that is, both Iub and Iur are included in the delay measurement.</p>			
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			<p>Sampled every 100 ms period. The samples are taken from all the HS-DSCH channels scheduled on priority class 07.</p>		
pmHsDataFrameDelayIubSpi07_15	ACCUMULATION	INTEGER	<p>The PM counter presents a histogram over the dynamic delay experienced between SRNC and RBS by the flow controlled HSDPA flows, that is, the buffer build-up delay distribution for HS traffic. Measurement can be started on at least one Device Set (DBCCS). That is, state is operational and the Device</p>	ME_NodeBFunction_IubDataStreams.pmHsDataFrameDelayIubSpi07_15	Sum

			board has correct capability. The delay is between SRNC and RBS, that is, both Iub and Iur are included in the delay measurement. Sampled every 100 ms period. The samples are taken from all the HS-DSCH channels scheduled on priority class 07.			
pmHsDataFrameDelayIubSpi07_1	ACCUMULATION	INTEGER	The PM counter presents a histogram over the dynamic delay experienced between SRNC and RBS by the flow controlled HSDPA flows, that	ME_NodeBFunction_IubDataStreams.pmHsDataFrameDelayIubSpi07_1	Sum	

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			<p>is, the buffer build-up delay distribution for HS traffic. Measurement can be started on at least one Device Set (DBCCS). That is, state is operational and the Device board has correct capability. The delay is between SRNC and RBS, that is, both Iub and Iur are included in the delay measurement. Sampled every 100 ms period. The samples are taken from all the HS-DSCH channels scheduled on priority class 07.</p>			
pmHsDataFrameDelayIubSpi07_2	ACCUMULATION	INTEGER	The PM counter	ME_NodeBFunction_IubDataStreams.pmHsDataFrameDe	Sum	

		<p>presents a histogram over the dynamic delay experienced between SRNC and RBS by the flow controlled HSDPA flows, that is, the buffer build-up delay distribution for HS traffic. Measurement can be started on at least one Device Set (DBCCS). That is, state is operational and the Device board has correct capability. The delay is between SRNC and RBS, that is, both Iub and Iur are included in</p>	<p>layIubSpi07_2</p>		
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			<p>the delay measurement. Sampled every 100 ms period. The samples are taken from all the HS-DSCH channels scheduled on priority class 07.</p>		
pmHsDataFrameDelayIubSpi07_3	ACCUMULATION	INTEGER	<p>The PM counter presents a histogram over the dynamic delay experienced between SRNC and RBS by the flow controlled HSDPA flows, that is, the buffer build-up delay distribution for HS traffic. Measurement can be started on at least one Device Set (DBCCS). That is, state is</p>	ME_NodeBFunction_IubDataStreams.pmHsDataFrameDelayIubSpi07_3	Sum

			operational and the Device board has correct capability. The delay is between SRNC and RBS, that is, both Iub and Iur are included in the delay measurement. Sampled every 100 ms period. The samples are taken from all the HS-DSCH channels scheduled on priority class 07.			
pmHsDataFrameDelayIubSpi07_4	ACCUMULATION	INTEGER	The PM counter presents a histogram over the dynamic delay experienced between SRNC and RBS by the flow	ME_NodeBFunction_IubDataStreams.pmHsDataFrameDelayIubSpi07_4	Sum	

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		<p>controlled HSDPA flows, that is, the buffer build-up delay distribution for HS traffic. Measurement can be started on at least one Device Set (DBCCS). That is, state is operational and the Device board has correct capability. The delay is between SRNC and RBS, that is, both Iub and Iur are included in the delay measurement. Sampled every 100 ms period. The samples are taken from all the HS-DSCH channels scheduled on priority class 07.</p>		
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<p>pmHsDataFrameDelayIubSpi07_5</p>	<p>ACCUMULATION</p>	<p>INTEGER</p>	<p>The PM counter presents a histogram over the dynamic delay experienced between SRNC and RBS by the flow controlled HSDPA flows, that is, the buffer build-up delay distribution for HS traffic. Measurement can be started on at least one Device Set (DBCCS). That is, state is operational and the Device board has correct capability. The delay is between SRNC and RBS, that is, both Iub</p>	<p>ME_NodeBFunction_IubDataStreams.pmHsDataFrameDelayIubSpi07_5</p>	<p>Sum</p>	
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			<p>and Iur are included in the delay measurement. Sampled every 100 ms period. The samples are taken from all the HS-DSCH channels scheduled on priority class 07.</p>		
pmHsDataFrameDelayIubSpi07_6	ACCUMULATION	INTEGER	<p>The PM counter presents a histogram over the dynamic delay experienced between SRNC and RBS by the flow controlled HSDPA flows, that is, the buffer build-up delay distribution for HS traffic. Measurement can be started on at least one Device Set (DBCCS).</p>	ME_NodeBFunction_IubDataStreams.pmHsDataFrameDelayIubSpi07_6	Sum

			That is, state is operational and the Device board has correct capability. The delay is between SRNC and RBS, that is, both Iub and Iur are included in the delay measurement. Sampled every 100 ms period. The samples are taken from all the HS-DSCH channels scheduled on priority class 07.			
pmHsDataFrameDelayIubSpi07_7	ACCUMULATION	INTEGER	The PM counter presents a histogram over the dynamic delay experience d between SRNC and	ME_NodeBFunction_IubDataStreams.pmHsDataFrameDelayIubSpi07_7	Sum	

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		<p>RBS by the flow controlled HSDPA flows, that is, the buffer build-up delay distribution for HS traffic. Measurement can be started on at least one Device Set (DBCCS). That is, state is operational and the Device board has correct capability. The delay is between SRNC and RBS, that is, both Iub and Iur are included in the delay measurement. Sampled every 100 ms period. The samples are taken from all the HS-DSCH channels scheduled</p>		
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			on priority class 07.		
pmHsDataFrameDelayIubSpi07_8	ACCUMULATION	INTEGER	The PM counter presents a histogram over the dynamic delay experienced between SRNC and RBS by the flow controlled HSDPA flows, that is, the buffer build-up delay distribution for HS traffic. Measurement can be started on at least one Device Set (DBCCS). That is, state is operational and the Device board has correct capability. The delay is between	ME_NodeBFunction_IubDataStreams.pmHsDataFrameDelayIubSpi07_8	Sum

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			<p>SRNC and RBS, that is, both Iub and Iur are included in the delay measurement.</p> <p>Sampled every 100 ms period. The samples are taken from all the HS-DSCH channels scheduled on priority class 07.</p>		
pmHsDataFrameDelayIubSpi07_9	ACCUMULATION	INTEGER	<p>The PM counter presents a histogram over the dynamic delay experienced between SRNC and RBS by the flow controlled HSDPA flows, that is, the buffer build-up delay distribution for HS traffic. Measurement can be started on</p>	ME_NodeBFunction_IubDataStreams.pmHsDataFrameDelayIubSpi07_9	Sum

			<p>at least one Device Set (DBCCS). That is, state is operational and the Device board has correct capability. The delay is between SRNC and RBS, that is, both Iub and Iur are included in the delay measurement. Sampled every 100 ms period. The samples are taken from all the HS-DSCH channels scheduled on priority class 07.</p>		
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7.57.19NodeB.Ericsson.UMTS.PDF_pmHsDataFrameDelayIubSpi08

pmHsDataFrameDelayIubSpi08 PDF counters

KPI	Type	Data Type	Description	Derivation	Default Aggregators	Other Aggregators
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					gator	
pmHsDataFrameDelayIubSpi08_0	ACCUMULATION	INTEGER	The PM counter presents a histogram over the dynamic delay experienced between SRNC and RBS by the flow controlled HSDPA flows, that is, the buffer build-up delay distribution for HS traffic. Measurement can be started on at least one Device Set (DBCCS). That is, state is operational and the Device board has correct capability. The delay is between SRNC and RBS, that is, both Iub and Iur are included in the delay	ME_NodeBFunction_IubDataStreams.pmHsDataFrameDelayIubSpi08_0	Sum	

			<p>measurement. Sampled every 100 ms period. The samples are taken from all the HS-DSCH channels scheduled on priority class 08.</p>		
pmHsDataFrameDelayIubSpi08_10	ACCUMULATION	INTEGER	<p>The PM counter presents a histogram over the dynamic delay experienced between SRNC and RBS by the flow controlled HSDPA flows, that is, the buffer build-up delay distribution for HS traffic. Measurement can be started on at least one</p>	ME_NodeBFunction_IubDataStreams.pmHsDataFrameDelayIubSpi08_10	Sum

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			<p>Device Set (DBCCS). That is, state is operational and the Device board has correct capability. The delay is between SRNC and RBS, that is, both Iub and Iur are included in the delay measurement. Sampled every 100 ms period. The samples are taken from all the HS-DSCH channels scheduled on priority class 08.</p>		
pmHsDataFrameDelayIubSpi08_11	ACCUMULATION	INTEGER	The PM counter presents a histogram over the dynamic delay experienced between SRNC and RBS by the flow controlled	ME_NodeBFunction_IubDataStreams.pmHsDataFrameDelayIubSpi08_11	Sum

			<p>HSDPA flows, that is, the buffer build-up delay distribution for HS traffic. Measurement can be started on at least one Device Set (DBCCS). That is, state is operational and the Device board has correct capability. The delay is between SRNC and RBS, that is, both Iub and Iur are included in the delay measurement. Sampled every 100 ms period. The samples are taken from all the HS-DSCH</p>		
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			channels scheduled on priority class 08.			
pmHsDataFrameDelayIubSpi08_12	ACCUMULATION	INTEGER	The PM counter presents a histogram over the dynamic delay experienced between SRNC and RBS by the flow controlled HSDPA flows, that is, the buffer build-up delay distribution for HS traffic. Measurement can be started on at least one Device Set (DBCCS). That is, state is operational and the Device board has correct capability. The delay is between SRNC and RBS, that is, both Iub	ME_NodeBFunction_IubDataStreams.pmHsDataFrameDelayIubSpi08_12	Sum	

			and Iur are included in the delay measurement. Sampled every 100 ms period. The samples are taken from all the HS-DSCH channels scheduled on priority class 08.			
pmHsDataFrameDelayIubSpi08_13	ACCUMULATION	INTEGER	The PM counter presents a histogram over the dynamic delay experienced between SRNC and RBS by the flow controlled HSDPA flows, that is, the buffer build-up delay distribution for HS traffic. Measurement	ME_NodeBFunction_IubDataStreams.pmHsDataFrameDelayIubSpi08_13	Sum	

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			<p>can be started on at least one Device Set (DBCCS). That is, state is operational and the Device board has correct capability. The delay is between SRNC and RBS, that is, both Iub and Iur are included in the delay measurement. Sampled every 100 ms period. The samples are taken from all the HS-DSCH channels scheduled on priority class 08.</p>			
pmHsDataFrameDelayIubSpi08_14	ACCUMULATION	INTEGER	The PM counter presents a histogram over the dynamic delay experience d between SRNC and	ME_NodeBFunction_IubDataStreams.pmHsDataFrameDelayIubSpi08_14	Sum	

		<p>RBS by the flow controlled HSDPA flows, that is, the buffer build-up delay distribution for HS traffic. Measurement can be started on at least one Device Set (DBCCS). That is, state is operational and the Device board has correct capability. The delay is between SRNC and RBS, that is, both Iub and Iur are included in the delay measurement. Sampled every 100 ms period. The samples are</p>		
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			taken from all the HS-DSCH channels scheduled on priority class 08.		
pmHsDataFrameDelayIubSpi08_15	ACCUMULATION	INTEGER	The PM counter presents a histogram over the dynamic delay experienced between SRNC and RBS by the flow controlled HSDPA flows, that is, the buffer build-up delay distribution for HS traffic. Measurement can be started on at least one Device Set (DBCCS). That is, state is operational and the Device board has correct capability. The delay is between	ME_NodeBFunction_IubDataStreams.pmHsDataFrameDelayIubSpi08_15	Sum

			SRNC and RBS, that is, both Iub and Iur are included in the delay measurement. Sampled every 100 ms period. The samples are taken from all the HS-DSCH channels scheduled on priority class 08.			
pmHsDataFrameDelayIubSpi08_1	ACCUMULATION	INTEGER	The PM counter presents a histogram over the dynamic delay experienced between SRNC and RBS by the flow controlled HSDPA flows, that is, the buffer build-up delay distribution	ME_NodeBFunction_IubDataStreams.pmHsDataFrameDelayIubSpi08_1	Sum	

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			<p>for HS traffic. Measurement can be started on at least one Device Set (DBCCS). That is, state is operational and the Device board has correct capability. The delay is between SRNC and RBS, that is, both Iub and Iur are included in the delay measurement. Sampled every 100 ms period. The samples are taken from all the HS-DSCH channels scheduled on priority class 08.</p>		
pmHsDataFrameDelayIubSpi08_2	ACCUMULATION	INTEGER	The PM counter presents a histogram over the dynamic delay	ME_NodeBFunction_IubDataStreams.pmHsDataFrameDelayIubSpi08_2	Sum

		<p>experience between SRNC and RBS by the flow controlled HSDPA flows, that is, the buffer build-up delay distribution for HS traffic. Measurement can be started on at least one Device Set (DBCCS). That is, state is operational and the Device board has correct capability. The delay is between SRNC and RBS, that is, both Iub and Iur are included in the delay measurement. Sampled every 100</p>		
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			ms period. The samples are taken from all the HS-DSCH channels scheduled on priority class 08.			
pmHsDataFrameDelayIubSpi08_3	ACCUMULATION	INTEGER	The PM counter presents a histogram over the dynamic delay experienced between SRNC and RBS by the flow controlled HSDPA flows, that is, the buffer build-up delay distribution for HS traffic. Measurement can be started on at least one Device Set (DBCCS). That is, state is operational and the Device board has correct	ME_NodeBFunction_IubDataStreams.pmHsDataFrameDelayIubSpi08_3	Sum	

			<p>capability. The delay is between SRNC and RBS, that is, both Iub and Iur are included in the delay measurement. Sampled every 100 ms period. The samples are taken from all the HS-DSCH channels scheduled on priority class 08.</p>		
pmHsDataFrameDelayIubSpi08_4	ACCUMULATION	INTEGER	<p>The PM counter presents a histogram over the dynamic delay experienced between SRNC and RBS by the flow controlled HSDPA flows, that is, the buffer</p>	ME_NodeBFunction_IubDataStreams.pmHsDataFrameDelayIubSpi08_4	Sum

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			<p>build-up delay distribution for HS traffic. Measurement can be started on at least one Device Set (DBCCS). That is, state is operational and the Device board has correct capability. The delay is between SRNC and RBS, that is, both Iub and Iur are included in the delay measurement. Sampled every 100 ms period. The samples are taken from all the HS-DSCH channels scheduled on priority class 08.</p>			
pmHsDataFrameDelayIubSpi08_5	ACCUMULATION	INTEGER	The PM counter presents a histogram	ME_NodeBFunction_IubDataStreams.pmHsDataFrameDelayIubSpi08_5	Sum	

		<p>over the dynamic delay experience d between SRNC and RBS by the flow controlled HSDPA flows, that is, the buffer build-up delay distribution for HS traffic.Measurement can be started on at least one Device Set (DBCCS). That is, state is operational and the Device board has correct capability. The delay is between SRNC and RBS, that is, both Iub and Iur are included in the delay measureme</p>			
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			<p>nt. Sampled every 100 ms period. The samples are taken from all the HS-DSCH channels scheduled on priority class 08.</p>		
pmHsDataFrameDelayIubSpi08_6	ACCUMULATION	INTERGER	<p>The PM counter presents a histogram over the dynamic delay experienced between SRNC and RBS by the flow controlled HSDPA flows, that is, the buffer build-up delay distribution for HS traffic. Measurement can be started on at least one Device Set (DBCCS). That is, state is operational and the</p>	ME_NodeBFunction_IubDataStreams.pmHsDataFrameDelayIubSpi08_6	Sum

			<p>Device board has correct capability. The delay is between SRNC and RBS, that is, both Iub and Iur are included in the delay measurement. Sampled every 100 ms period. The samples are taken from all the HS-DSCH channels scheduled on priority class 08.</p>			
pmHsDataFrameDelayIubSpi08_7	ACCUMULATION	INTEGER	<p>The PM counter presents a histogram over the dynamic delay experienced between SRNC and RBS by the flow controlled HSDPA</p>	ME_NodeBFunction_IubDataStreams.pmHsDataFrameDelayIubSpi08_7	Sum	

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			<p>flows, that is, the buffer build-up delay distribution for HS traffic. Measurement can be started on at least one Device Set (DBCCS). That is, state is operational and the Device board has correct capability. The delay is between SRNC and RBS, that is, both Iub and Iur are included in the delay measurement. Sampled every 100 ms period. The samples are taken from all the HS-DSCH channels scheduled on priority class 08.</p>			
pmHsDataFrameD	ACCUMU	INTE	The PM	ME_NodeBFunction_IubDat	Sum	

elayIubSpi08_8	LATION	GER	counter presents a histogram over the dynamic delay experienced between SRNC and RBS by the flow controlled HSDPA flows, that is, the buffer build-up delay distribution for HS traffic.Measurement can be started on at least one Device Set (DBCCS). That is, state is operational and the Device board has correct capability. The delay is between SRNC and RBS, that is, both Iub and Iur are	aStreams.pmHsDataFrameDelayIubSpi08_8		
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			<p>included in the delay measurement. Sampled every 100 ms period. The samples are taken from all the HS-DSCH channels scheduled on priority class 08.</p>		
pmHsDataFrameDelayIubSpi08_9	ACCUMULATION	INTEGER	<p>The PM counter presents a histogram over the dynamic delay experienced between SRNC and RBS by the flow controlled HSDPA flows, that is, the buffer build-up delay distribution for HS traffic. Measurement can be started on at least one Device Set (DBCCS). That is,</p>	ME_NodeBFunction_IubDataStreams.pmHsDataFrameDelayIubSpi08_9	Sum

			<p>state is operational and the Device board has correct capability. The delay is between SRNC and RBS, that is, both Iub and Iur are included in the delay measurement. Sampled every 100 ms period. The samples are taken from all the HS-DSCH channels scheduled on priority class 08.</p>		
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7.57.20NodeB.Ericsson.UMTS.PDF_pmHsDataFrameDelayIubSpi09

pmHsDataFrameDelayIubSpi09 PDF counters

KPI	Type	Data Type	Description	Derivation	Default Aggregator	Other Aggregators
pmHsDataFrameDelayIubSpi09_0	ACCUMULATION	INTEGER	The PM counter	ME_NodeBFunction_IubDataStreams.pmHsDataFrameDe	Sum	

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presents a histogram over the dynamic delay experienced between SRNC and RBS by the flow controlled HSDPA flows, that is, the buffer build-up delay distribution for HS traffic. Measurement can be started on at least one Device Set (DBCCS). That is, state is operational and the Device board has correct capability. The delay is between SRNC and RBS, that is, both Iub and Iur are included in the delay measurement. Sampled every 100

layIubSpi09_0

			ms period. The samples are taken from all the HS-DSCH channels scheduled on priority class 09.			
pmHsDataFrameDelayIubSpi09_10	ACCUMULATION	INTEGER	The PM counter presents a histogram over the dynamic delay experienced between SRNC and RBS by the flow controlled HSDPA flows, that is, the buffer build-up delay distribution for HS traffic. Measurement can be started on at least one Device Set (DBCCS). That is, state is	ME_NodeBFunction_IubDataStreams.pmHsDataFrameDelayIubSpi09_10	Sum	

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			operational and the Device board has correct capability. The delay is between SRNC and RBS, that is, both Iub and Iur are included in the delay measurement. Sampled every 100 ms period. The samples are taken from all the HS-DSCH channels scheduled on priority class 09.		
pmHsDataFrameDelayIubSpi09_11	ACCUMULATION	INTEGER	The PM counter presents a histogram over the dynamic delay experienced between SRNC and RBS by the flow controlled HSDPA flows, that is, the buffer	ME_NodeBFunction_IubDataStreams.pmHsDataFrameDelayIubSpi09_11	Sum

		<p>build-up delay distribution for HS traffic. Measurement can be started on at least one Device Set (DBCCS). That is, state is operational and the Device board has correct capability. The delay is between SRNC and RBS, that is, both Iub and Iur are included in the delay measurement. Sampled every 100 ms period. The samples are taken from all the HS-DSCH channels scheduled on priority class 09.</p>		
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pmHsDataFrameDelayIubSpi09_12	ACCUMULATION	INTEGER	<p>The PM counter presents a histogram over the dynamic delay experience d between SRNC and RBS by the flow controlled HSDPA flows, that is, the buffer build-up delay distribution for HS traffic.Measurement can be started on at least one Device Set (DBCCS). That is, state is operational and the Device board has correct capability. The delay is between SRNC and RBS, that is, both Iub and Iur are included in the delay measurement.</p>	ME_NodeBFunction_IubDataStreams.pmHsDataFrameDelayIubSpi09_12	Sum	
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			Sampled every 100 ms period. The samples are taken from all the HS-DSCH channels scheduled on priority class 09.			
pmHsDataFrameDelayIubSpi09_13	ACCUMULATION	INTEGER	The PM counter presents a histogram over the dynamic delay experienced between SRNC and RBS by the flow controlled HSDPA flows, that is, the buffer build-up delay distribution for HS traffic. Measurement can be started on at least one Device Set (DBCCS).	ME_NodeBFunction_IubDataStreams.pmHsDataFrameDelayIubSpi09_13	Sum	

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			<p>That is, state is operational and the Device board has correct capability. The delay is between SRNC and RBS, that is, both Iub and Iur are included in the delay measurement. Sampled every 100 ms period. The samples are taken from all the HS-DSCH channels scheduled on priority class 09.</p>		
pmHsDataFrameDelayIubSpi09_14	ACCUMULATION	INTEGER	The PM counter presents a histogram over the dynamic delay experienced between SRNC and RBS by the flow controlled HSDPA flows, that	ME_NodeBFunction_IubDataStreams.pmHsDataFrameDelayIubSpi09_14	Sum

		<p>is, the buffer build-up delay distribution for HS traffic. Measurement can be started on at least one Device Set (DBCCS). That is, state is operational and the Device board has correct capability. The delay is between SRNC and RBS, that is, both Iub and Iur are included in the delay measurement. Sampled every 100 ms period. The samples are taken from all the HS-DSCH channels scheduled</p>			
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			on priority class 09.		
pmHsDataFrameDelayIubSpi09_15	ACCUMULATION	INTEGER	The PM counter presents a histogram over the dynamic delay experienced between SRNC and RBS by the flow controlled HSDPA flows, that is, the buffer build-up delay distribution for HS traffic. Measurement can be started on at least one Device Set (DBCCS). That is, state is operational and the Device board has correct capability. The delay is between SRNC and RBS, that is, both Iub and Iur are included in	ME_NodeBFunction_IubDataStreams.pmHsDataFrameDelayIubSpi09_15	Sum

			the delay measurement. Sampled every 100 ms period. The samples are taken from all the HS-DSCH channels scheduled on priority class 09.			
pmHsDataFrameDelayIubSpi09_1	ACCUMULATION	INTEGER	The PM counter presents a histogram over the dynamic delay experienced between SRNC and RBS by the flow controlled HSDPA flows, that is, the buffer build-up delay distribution for HS traffic. Measurement can be started on	ME_NodeBFunction_IubDataStreams.pmHsDataFrameDelayIubSpi09_1	Sum	

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			<p>at least one Device Set (DBCCS). That is, state is operational and the Device board has correct capability. The delay is between SRNC and RBS, that is, both Iub and Iur are included in the delay measurement. Sampled every 100 ms period. The samples are taken from all the HS-DSCH channels scheduled on priority class 09.</p>		
pmHsDataFrameDelayIubSpi09_2	ACCUMULATION	INTEGER	The PM counter presents a histogram over the dynamic delay experienced between SRNC and RBS by the flow	ME_NodeBFunction_IubDataStreams.pmHsDataFrameDelayIubSpi09_2	Sum

		<p>controlled HSDPA flows, that is, the buffer build-up delay distribution for HS traffic. Measurement can be started on at least one Device Set (DBCCS). That is, state is operational and the Device board has correct capability. The delay is between SRNC and RBS, that is, both Iub and Iur are included in the delay measurement. Sampled every 100 ms period. The samples are taken from all the HS-</p>		
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			DSCH channels scheduled on priority class 09.		
pmHsDataFrameDelayIubSpi09_3	ACCUMULATION	INTEGER	The PM counter presents a histogram over the dynamic delay experienced between SRNC and RBS by the flow controlled HSDPA flows, that is, the buffer build-up delay distribution for HS traffic. Measurement can be started on at least one Device Set (DBCCS). That is, state is operational and the Device board has correct capability. The delay is between SRNC and RBS, that	ME_NodeBFunction_IubDataStreams.pmHsDataFrameDelayIubSpi09_3	Sum

			is, both Iub and Iur are included in the delay measurement. Sampled every 100 ms period. The samples are taken from all the HS-DSCH channels scheduled on priority class 09.			
pmHsDataFrameDelayIubSpi09_4	ACCUMULATION	INTEGER	The PM counter presents a histogram over the dynamic delay experienced between SRNC and RBS by the flow controlled HSDPA flows, that is, the buffer build-up delay distribution for HS traffic.Meas	ME_NodeBFunction_IubDataStreams.pmHsDataFrameDelayIubSpi09_4	Sum	

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			<p>surement can be started on at least one Device Set (DBCCS). That is, state is operational and the Device board has correct capability. The delay is between SRNC and RBS, that is, both Iub and Iur are included in the delay measurement. Sampled every 100 ms period. The samples are taken from all the HS-DSCH channels scheduled on priority class 09.</p>			
pmHsDataFrameDelayIubSpi09_5	ACCUMULATION	INTEGER	The PM counter presents a histogram over the dynamic delay experienced between	ME_NodeBFunction_IubDataStreams.pmHsDataFrameDelayIubSpi09_5	Sum	

		<p>SRNC and RBS by the flow controlled HSDPA flows, that is, the buffer build-up delay distribution for HS traffic. Measurement can be started on at least one Device Set (DBCCS). That is, state is operational and the Device board has correct capability. The delay is between SRNC and RBS, that is, both Iub and Iur are included in the delay measurement. Sampled every 100 ms period. The</p>		
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			samples are taken from all the HS-DSCH channels scheduled on priority class 09.		
pmHsDataFrameDelayIubSpi09_6	ACCUMULATION	INTEGER	The PM counter presents a histogram over the dynamic delay experienced between SRNC and RBS by the flow controlled HSDPA flows, that is, the buffer build-up delay distribution for HS traffic. Measurement can be started on at least one Device Set (DBCCS). That is, state is operational and the Device board has correct capability. The delay	ME_NodeBFunction_IubDataStreams.pmHsDataFrameDelayIubSpi09_6	Sum

			<p>is between SRNC and RBS, that is, both Iub and Iur are included in the delay measurement. Sampled every 100 ms period. The samples are taken from all the HS-DSCH channels scheduled on priority class 09.</p>		
pmHsDataFrameDelayIubSpi09_7	ACCUMULATION	INTEGER	<p>The PM counter presents a histogram over the dynamic delay experienced between SRNC and RBS by the flow controlled HSDPA flows, that is, the buffer build-up delay</p>	ME_NodeBFunction_IubDataStreams.pmHsDataFrameDelayIubSpi09_7	Sum

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			<p>distribution for HS traffic. Measurement can be started on at least one Device Set (DBCCS). That is, state is operational and the Device board has correct capability. The delay is between SRNC and RBS, that is, both Iub and Iur are included in the delay measurement. Sampled every 100 ms period. The samples are taken from all the HS-DSCH channels scheduled on priority class 09.</p>		
pmHsDataFrameDelayIubSpi09_8	ACCUMULATION	INTEGER	The PM counter presents a histogram over the dynamic	ME_NodeBFunction_IubDataStreams.pmHsDataFrameDelayIubSpi09_8	Sum

		<p>delay experience d between SRNC and RBS by the flow controlled HSDPA flows, that is, the buffer build-up delay distribution for HS traffic. Mea surement can be started on at least one Device Set (DBCCS). That is, state is operational and the Device board has correct capability. The delay is between SRNC and RBS, that is, both Iub and Iur are included in the delay measureme nt. Sampled</p>			
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			every 100 ms period. The samples are taken from all the HS-DSCH channels scheduled on priority class 09.		
pmHsDataFrameDelayIubSpi09_9	ACCUMULATION	INTEGER	The PM counter presents a histogram over the dynamic delay experienced between SRNC and RBS by the flow controlled HSDPA flows, that is, the buffer build-up delay distribution for HS traffic. Measurement can be started on at least one Device Set (DBCCS). That is, state is operational and the Device board has	ME_NodeBFunction_IubDataStreams.pmHsDataFrameDelayIubSpi09_9	Sum

			<p>correct capability. The delay is between SRNC and RBS, that is, both Iub and Iur are included in the delay measurement. Sampled every 100 ms period. The samples are taken from all the HS-DSCH channels scheduled on priority class 09.</p>		
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7.57.21 NodeB.Ericsson.UMTS.PDF_pmHsDataFrameDelayIubSpi10

pmHsDataFrameDelayIubSpi10 PDF counters

KPI	Type	Data Type	Description	Derivation	Default Aggregator	Other Aggregators
pmHsDataFrameDelayIubSpi10_0	ACCUMULATION	INTEGER	The PM counter presents a histogram over the dynamic delay	ME_NodeBFunction_IubDataStreams.pmHsDataFrameDelayIubSpi10_0	Sum	

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		<p>experience d between SRNC and RBS by the flow controlled HSDPA flows, that is, the buffer build-up delay distribution for HS traffic. Mea- surement can be started on at least one Device Set (DBCCS). That is, state is operational and the Device board has correct capability. The delay is between SRNC and RBS, that is, both Iub and Iur are included in the delay measureme- nt. Sampled every 100 ms period. The samples are taken from all the HS-</p>		
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			DSCH channels scheduled on priority class 10.		
pmHsDataFrameDelayIubSpi10_10	ACCUMULATION	INTEGER	The PM counter presents a histogram over the dynamic delay experienced between SRNC and RBS by the flow controlled HSDPA flows, that is, the buffer build-up delay distribution for HS traffic. Measurement can be started on at least one Device Set (DBCCS). That is, state is operational and the Device board has correct	ME_NodeBFunction_IubDataStreams.pmHsDataFrameDelayIubSpi10_10	Sum

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			<p>capability. The delay is between SRNC and RBS, that is, both Iub and Iur are included in the delay measurement. Sampled every 100 ms period. The samples are taken from all the HS-DSCH channels scheduled on priority class 10.</p>		
pmHsDataFrameDelayIubSpi10_11	ACCUMULATION	INTEGER	<p>The PM counter presents a histogram over the dynamic delay experienced between SRNC and RBS by the flow controlled HSDPA flows, that is, the buffer build-up delay distribution for HS traffic. Mea</p>	ME_NodeBFunction_IubDataStreams.pmHsDataFrameDelayIubSpi10_11	Sum

			<p>surement can be started on at least one Device Set (DBCCS). That is, state is operational and the Device board has correct capability. The delay is between SRNC and RBS, that is, both Iub and Iur are included in the delay measurement. Sampled every 100 ms period. The samples are taken from all the HS-DSCH channels scheduled on priority class 10.</p>			
pmHsDataFrameDelayIubSpi10_12	ACCUMULATION	INTEGER	The PM counter presents a histogram	ME_NodeBFunction_IubDataStreams.pmHsDataFrameDelayIubSpi10_12	Sum	

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		<p>over the dynamic delay experienced between SRNC and RBS by the flow controlled HSDPA flows, that is, the buffer build-up delay distribution for HS traffic. Measurement can be started on at least one Device Set (DBCCS). That is, state is operational and the Device board has correct capability. The delay is between SRNC and RBS, that is, both Iub and Iur are included in the delay measurement. Sampled every 100 ms period. The</p>		
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			samples are taken from all the HS-DSCH channels scheduled on priority class 10.		
pmHsDataFrameDelayIubSpi10_13	ACCUMULATION	INTEGER	The PM counter presents a histogram over the dynamic delay experienced between SRNC and RBS by the flow controlled HSDPA flows, that is, the buffer build-up delay distribution for HS traffic. Measurement can be started on at least one Device Set (DBCCS). That is, state is operational and the	ME_NodeBFunction_IubDataStreams.pmHsDataFrameDelayIubSpi10_13	Sum

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			<p>Device board has correct capability. The delay is between SRNC and RBS, that is, both Iub and Iur are included in the delay measurement. Sampled every 100 ms period. The samples are taken from all the HS-DSCH channels scheduled on priority class 10.</p>		
pmHsDataFrameDelayIubSpi10_14	ACCUMULATION	INTERGER	<p>The PM counter presents a histogram over the dynamic delay experienced between SRNC and RBS by the flow controlled HSDPA flows, that is, the buffer build-up delay</p>	ME_NodeBFunction_IubDataStreams.pmHsDataFrameDelayIubSpi10_14	Sum

			<p>distribution for HS traffic. Measurement can be started on at least one Device Set (DBCCS). That is, state is operational and the Device board has correct capability. The delay is between SRNC and RBS, that is, both Iub and Iur are included in the delay measurement. Sampled every 100 ms period. The samples are taken from all the HS-DSCH channels scheduled on priority class 10.</p>			
pmHsDataFrameD	ACCUMU	INTE	The PM	ME_NodeBFunction_IubDat	Sum	

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elayIubSpi10_15	LATION	GER	<p>counter presents a histogram over the dynamic delay experience d between SRNC and RBS by the flow controlled HSDPA flows, that is, the buffer build-up delay distribution for HS traffic.Measurement can be started on at least one Device Set (DBCCS). That is, state is operational and the Device board has correct capability. The delay is between SRNC and RBS, that is, both Iub and Iur are included in the delay measurement. Sampled</p>	<p>aStreams.pmHsDataFrameDelayIubSpi10_15</p>		
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			every 100 ms period. The samples are taken from all the HS-DSCH channels scheduled on priority class 10.			
pmHsDataFrameDelayIubSpi10_1	ACCUMULATION	INTEGER	The PM counter presents a histogram over the dynamic delay experienced between SRNC and RBS by the flow controlled HSDPA flows, that is, the buffer build-up delay distribution for HS traffic. Measurement can be started on at least one Device Set (DBCCS). That is,	ME_NodeBFunction_IubDataStreams.pmHsDataFrameDelayIubSpi10_1	Sum	

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			<p>state is operational and the Device board has correct capability. The delay is between SRNC and RBS, that is, both Iub and Iur are included in the delay measurement. Sampled every 100 ms period. The samples are taken from all the HS-DSCH channels scheduled on priority class 10.</p>		
pmHsDataFrameDelayIubSpi10_2	ACCUMULATION	INTEGER	<p>The PM counter presents a histogram over the dynamic delay experienced between SRNC and RBS by the flow controlled HSDPA flows, that is, the</p>	ME_NodeBFunction_IubDataStreams.pmHsDataFrameDelayIubSpi10_2	Sum

		<p>buffer build-up delay distribution for HS traffic. Measurement can be started on at least one Device Set (DBCCS). That is, state is operational and the Device board has correct capability. The delay is between SRNC and RBS, that is, both Iub and Iur are included in the delay measurement. Sampled every 100 ms period. The samples are taken from all the HS-DSCH channels scheduled on priority</p>		
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			class 10.		
pmHsDataFrameDelayIubSpi10_3	ACCUMULATION	INTEGER	The PM counter presents a histogram over the dynamic delay experienced between SRNC and RBS by the flow controlled HSDPA flows, that is, the buffer build-up delay distribution for HS traffic. Measurement can be started on at least one Device Set (DBCCS). That is, state is operational and the Device board has correct capability. The delay is between SRNC and RBS, that is, both Iub and Iur are included in the delay	ME_NodeBFunction_IubDataStreams.pmHsDataFrameDelayIubSpi10_3	Sum

			<p>measurement. Sampled every 100 ms period. The samples are taken from all the HS-DSCH channels scheduled on priority class 10.</p>		
pmHsDataFrameDelayIubSpi10_4	ACCUMULATION	INTEGER	<p>The PM counter presents a histogram over the dynamic delay experienced between SRNC and RBS by the flow controlled HSDPA flows, that is, the buffer build-up delay distribution for HS traffic. Measurement can be started on at least one</p>	ME_NodeBFunction_IubDataStreams.pmHsDataFrameDelayIubSpi10_4	Sum

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			<p>Device Set (DBCCS). That is, state is operational and the Device board has correct capability. The delay is between SRNC and RBS, that is, both Iub and Iur are included in the delay measurement. Sampled every 100 ms period. The samples are taken from all the HS-DSCH channels scheduled on priority class 10.</p>		
pmHsDataFrameDelayIubSpi10_5	ACCUMULATION	INTEGER	The PM counter presents a histogram over the dynamic delay experienced between SRNC and RBS by the flow controlled	ME_NodeBFunction_IubDataStreams.pmHsDataFrameDelayIubSpi10_5	Sum

			<p>HSDPA flows, that is, the buffer build-up delay distribution for HS traffic. Measurement can be started on at least one Device Set (DBCCS). That is, state is operational and the Device board has correct capability. The delay is between SRNC and RBS, that is, both Iub and Iur are included in the delay measurement. Sampled every 100 ms period. The samples are taken from all the HS-DSCH</p>		
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			channels scheduled on priority class 10.			
pmHsDataFrameDelayIubSpi10_6	ACCUMULATION	INTEGER	The PM counter presents a histogram over the dynamic delay experienced between SRNC and RBS by the flow controlled HSDPA flows, that is, the buffer build-up delay distribution for HS traffic. Measurement can be started on at least one Device Set (DBCCS). That is, state is operational and the Device board has correct capability. The delay is between SRNC and RBS, that is, both Iub	ME_NodeBFunction_IubDataStreams.pmHsDataFrameDelayIubSpi10_6	Sum	

			and Iur are included in the delay measurement. Sampled every 100 ms period. The samples are taken from all the HS-DSCH channels scheduled on priority class 10.			
pmHsDataFrameDelayIubSpi10_7	ACCUMULATION	INTEGER	The PM counter presents a histogram over the dynamic delay experienced between SRNC and RBS by the flow controlled HSDPA flows, that is, the buffer build-up delay distribution for HS traffic. Measurement	ME_NodeBFunction_IubDataStreams.pmHsDataFrameDelayIubSpi10_7	Sum	

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			<p>can be started on at least one Device Set (DBCCS). That is, state is operational and the Device board has correct capability. The delay is between SRNC and RBS, that is, both Iub and Iur are included in the delay measurement. Sampled every 100 ms period. The samples are taken from all the HS-DSCH channels scheduled on priority class 10.</p>			
pmHsDataFrameDelayIubSpi10_8	ACCUMULATION	INTEGER	The PM counter presents a histogram over the dynamic delay experienced between SRNC and	ME_NodeBFunction_IubDataStreams.pmHsDataFrameDelayIubSpi10_8	Sum	

		<p>RBS by the flow controlled HSDPA flows, that is, the buffer build-up delay distribution for HS traffic. Measurement can be started on at least one Device Set (DBCCS). That is, state is operational and the Device board has correct capability. The delay is between SRNC and RBS, that is, both Iub and Iur are included in the delay measurement. Sampled every 100 ms period. The samples are</p>		
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			taken from all the HS-DSCH channels scheduled on priority class 10.		
pmHsDataFrameDelayIubSpi10_9	ACCUMULATION	INTEGER	The PM counter presents a histogram over the dynamic delay experienced between SRNC and RBS by the flow controlled HSDPA flows, that is, the buffer build-up delay distribution for HS traffic. Measurement can be started on at least one Device Set (DBCCS). That is, state is operational and the Device board has correct capability. The delay is between	ME_NodeBFunction_IubDataStreams.pmHsDataFrameDelayIubSpi10_9	Sum

			SRNC and RBS, that is, both Iub and Iur are included in the delay measurement. Sampled every 100 ms period. The samples are taken from all the HS-DSCH channels scheduled on priority class 10.		
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7.57.22NodeB.Ericsson.UMTS.PDF_pmHsDataFrameDelayIubSpi11

pmHsDataFrameDelayIubSpi11 PDF counters

KPI	Type	Data Type	Description	Derivation	Default Aggregator	Other Aggregators
pmHsDataFrameDelayIubSpi11_0	ACCUMULATION	INTEGER	The PM counter presents a histogram over the dynamic delay experienced between SRNC and RBS by the	ME_NodeBFunction_IubDataStreams.pmHsDataFrameDelayIubSpi11_0	Sum	

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		<p>flow controlled HSDPA flows, that is, the buffer build-up delay distribution for HS traffic. Measurement can be started on at least one Device Set (DBCCS). That is, state is operational and the Device board has correct capability. The delay is between SRNC and RBS, that is, both Iub and Iur are included in the delay measurement. Sampled every 100 ms period. The samples are taken from all the HS-DSCH channels scheduled on priority</p>		
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			class 11.		
pmHsDataFrameDelayIubSpi11_10	ACCUMULATION	INTEGER	The PM counter presents a histogram over the dynamic delay experienced between SRNC and RBS by the flow controlled HSDPA flows, that is, the buffer build-up delay distribution for HS traffic. Measurement can be started on at least one Device Set (DBCCS). That is, state is operational and the Device board has correct capability. The delay is between SRNC and	ME_NodeBFunction_IubDataStreams.pmHsDataFrameDelayIubSpi11_10	Sum

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			<p>RBS, that is, both Iub and Iur are included in the delay measurement. Sampled every 100 ms period. The samples are taken from all the HS-DSCH channels scheduled on priority class 11.</p>		
pmHsDataFrameDelayIubSpi11_11	ACCUMULATION	INTEGER	<p>The PM counter presents a histogram over the dynamic delay experienced between SRNC and RBS by the flow controlled HSDPA flows, that is, the buffer build-up delay distribution for HS traffic. Measurement can be started on at least one</p>	ME_NodeBFunction_IubDataStreams.pmHsDataFrameDelayIubSpi11_11	Sum

			<p>Device Set (DBCCS). That is, state is operational and the Device board has correct capability. The delay is between SRNC and RBS, that is, both Iub and Iur are included in the delay measurement. Sampled every 100 ms period. The samples are taken from all the HS-DSCH channels scheduled on priority class 11.</p>		
pmHsDataFrameDelayIubSpi11_12	ACCUMULATION	INTEGER	The PM counter presents a histogram over the dynamic delay experience	ME_NodeBFunction_IubDataStreams.pmHsDataFrameDelayIubSpi11_12	Sum

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		<p>d between SRNC and RBS by the flow controlled HSDPA flows, that is, the buffer build-up delay distribution for HS traffic. Measurement can be started on at least one Device Set (DBCCS). That is, state is operational and the Device board has correct capability. The delay is between SRNC and RBS, that is, both Iub and Iur are included in the delay measurement. Sampled every 100 ms period. The samples are taken from all the HS-DSCH</p>		
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			channels scheduled on priority class 11.			
pmHsDataFrameDelayIubSpi11_13	ACCUMULATION	INTEGER	The PM counter presents a histogram over the dynamic delay experienced between SRNC and RBS by the flow controlled HSDPA flows, that is, the buffer build-up delay distribution for HS traffic. Measurement can be started on at least one Device Set (DBCCS). That is, state is operational and the Device board has correct capability.	ME_NodeBFunction_IubDataStreams.pmHsDataFrameDelayIubSpi11_13	Sum	

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			<p>The delay is between SRNC and RBS, that is, both Iub and Iur are included in the delay measurement.</p> <p>Sampled every 100 ms period. The samples are taken from all the HS-DSCH channels scheduled on priority class 11.</p>		
pmHsDataFrameDelayIubSpi11_14	ACCUMULATION	INTEGER	<p>The PM counter presents a histogram over the dynamic delay experienced between SRNC and RBS by the flow controlled HSDPA flows, that is, the buffer build-up delay distribution for HS traffic. Measurement</p>	ME_NodeBFunction_IubDataStreams.pmHsDataFrameDelayIubSpi11_14	Sum

			<p>can be started on at least one Device Set (DBCCS). That is, state is operational and the Device board has correct capability. The delay is between SRNC and RBS, that is, both Iub and Iur are included in the delay measurement. Sampled every 100 ms period. The samples are taken from all the HS-DSCH channels scheduled on priority class 11.</p>			
pmHsDataFrameDelayIubSpi11_15	ACCUMULATION	INTEGER	The PM counter presents a histogram over the	ME_NodeBFunction_IubDataStreams.pmHsDataFrameDelayIubSpi11_15	Sum	

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		<p>dynamic delay experience d between SRNC and RBS by the flow controlled HSDPA flows, that is, the buffer build-up delay distribution for HS traffic.Measurement can be started on at least one Device Set (DBCCS). That is, state is operational and the Device board has correct capability. The delay is between SRNC and RBS, that is, both Iub and Iur are included in the delay measurement. Sampled every 100 ms period. The samples are</p>		
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			taken from all the HS-DSCH channels scheduled on priority class 11.		
pmHsDataFrameDelayIubSpi11_1	ACCUMULATION	INTEGER	The PM counter presents a histogram over the dynamic delay experienced between SRNC and RBS by the flow controlled HSDPA flows, that is, the buffer build-up delay distribution for HS traffic. Measurement can be started on at least one Device Set (DBCCS). That is, state is operational and the Device	ME_NodeBFunction_IubDataStreams.pmHsDataFrameDelayIubSpi11_1	Sum

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			<p>board has correct capability. The delay is between SRNC and RBS, that is, both Iub and Iur are included in the delay measurement. Sampled every 100 ms period. The samples are taken from all the HS-DSCH channels scheduled on priority class 11.</p>		
pmHsDataFrameDelayIubSpi11_2	ACCUMULATION	INTEGER	<p>The PM counter presents a histogram over the dynamic delay experienced between SRNC and RBS by the flow controlled HSDPA flows, that is, the buffer build-up delay distribution</p>	ME_NodeBFunction_IubDataStreams.pmHsDataFrameDelayIubSpi11_2	Sum

			<p>for HS traffic. Measurement can be started on at least one Device Set (DBCCS). That is, state is operational and the Device board has correct capability. The delay is between SRNC and RBS, that is, both Iub and Iur are included in the delay measurement. Sampled every 100 ms period. The samples are taken from all the HS-DSCH channels scheduled on priority class 11.</p>			
pmHsDataFrameDelayIubSpi11_3	ACCUMULATION	INTEGER	The PM counter	ME_NodeBFunction_IubDataStreams.pmHsDataFrameDe	Sum	

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presents a histogram over the dynamic delay experienced between SRNC and RBS by the flow controlled HSDPA flows, that is, the buffer build-up delay distribution for HS traffic. Measurement can be started on at least one Device Set (DBCCS). That is, state is operational and the Device board has correct capability. The delay is between SRNC and RBS, that is, both Iub and Iur are included in the delay measurement. Sampled every 100

layIubSpi11_3

			ms period. The samples are taken from all the HS-DSCH channels scheduled on priority class 11.		
pmHsDataFrameDelayIubSpi11_4	ACCUMULATION	INTEGER	The PM counter presents a histogram over the dynamic delay experienced between SRNC and RBS by the flow controlled HSDPA flows, that is, the buffer build-up delay distribution for HS traffic. Measurement can be started on at least one Device Set (DBCCS). That is, state is	ME_NodeBFunction_IubDataStreams.pmHsDataFrameDelayIubSpi11_4	Sum

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			operational and the Device board has correct capability. The delay is between SRNC and RBS, that is, both Iub and Iur are included in the delay measurement. Sampled every 100 ms period. The samples are taken from all the HS-DSCH channels scheduled on priority class 11.		
pmHsDataFrameDelayIubSpi11_5	ACCUMULATION	INTEGER	The PM counter presents a histogram over the dynamic delay experienced between SRNC and RBS by the flow controlled HSDPA flows, that is, the buffer	ME_NodeBFunction_IubDataStreams.pmHsDataFrameDelayIubSpi11_5	Sum

		<p>build-up delay distribution for HS traffic. Measurement can be started on at least one Device Set (DBCCS). That is, state is operational and the Device board has correct capability. The delay is between SRNC and RBS, that is, both Iub and Iur are included in the delay measurement. Sampled every 100 ms period. The samples are taken from all the HS-DSCH channels scheduled on priority class 11.</p>		
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<p>pmHsDataFrameDelayIubSpi11_6</p>	<p>ACCUMULATION</p>	<p>INTEGER</p>	<p>The PM counter presents a histogram over the dynamic delay experienced between SRNC and RBS by the flow controlled HSDPA flows, that is, the buffer build-up delay distribution for HS traffic. Measurement can be started on at least one Device Set (DBCCS). That is, state is operational and the Device board has correct capability. The delay is between SRNC and RBS, that is, both Iub and Iur are included in the delay measurement.</p>	<p>ME_NodeBFunction_IubDataStreams.pmHsDataFrameDelayIubSpi11_6</p>	<p>Sum</p>	
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			Sampled every 100 ms period. The samples are taken from all the HS-DSCH channels scheduled on priority class 11.			
pmHsDataFrameDelayIubSpi11_7	ACCUMULATION	INTEGER	The PM counter presents a histogram over the dynamic delay experienced between SRNC and RBS by the flow controlled HSDPA flows, that is, the buffer build-up delay distribution for HS traffic. Measurement can be started on at least one Device Set (DBCCS).	ME_NodeBFunction_IubDataStreams.pmHsDataFrameDelayIubSpi11_7	Sum	

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			<p>That is, state is operational and the Device board has correct capability. The delay is between SRNC and RBS, that is, both Iub and Iur are included in the delay measurement. Sampled every 100 ms period. The samples are taken from all the HS-DSCH channels scheduled on priority class 11.</p>		
pmHsDataFrameDelayIubSpi11_8	ACCUMULATION	INTEGER	The PM counter presents a histogram over the dynamic delay experienced between SRNC and RBS by the flow controlled HSDPA flows, that	ME_NodeBFunction_IubDataStreams.pmHsDataFrameDelayIubSpi11_8	Sum

		<p>is, the buffer build-up delay distribution for HS traffic. Measurement can be started on at least one Device Set (DBCCS). That is, state is operational and the Device board has correct capability. The delay is between SRNC and RBS, that is, both Iub and Iur are included in the delay measurement. Sampled every 100 ms period. The samples are taken from all the HS-DSCH channels scheduled</p>			
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			on priority class 11.		
pmHsDataFrameDelayIubSpi11_9	ACCUMULATION	INTEGER	The PM counter presents a histogram over the dynamic delay experienced between SRNC and RBS by the flow controlled HSDPA flows, that is, the buffer build-up delay distribution for HS traffic. Measurement can be started on at least one Device Set (DBCCS). That is, state is operational and the Device board has correct capability. The delay is between SRNC and RBS, that is, both Iub and Iur are included in	ME_NodeBFunction_IubDataStreams.pmHsDataFrameDelayIubSpi11_9	Sum

			the delay measurement. Sampled every 100 ms period. The samples are taken from all the HS-DSCH channels scheduled on priority class 11.			
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7.57.23NodeB.Ericsson.UMTS.PDF_pmHsDataFrameDelayIubSpi12

pmHsDataFrameDelayIubSpi12 PDF counters

KPI	Type	Data Type	Description	Derivation	Default Aggregator	Other Aggregators
pmHsDataFrameDelayIubSpi12_0	ACCUMULATION	INTEGER	The PM counter presents a histogram over the dynamic delay experienced between SRNC and RBS by the flow controlled HSDPA flows, that is, the	ME_NodeBFunction_IubDataStreams.pmHsDataFrameDelayIubSpi12_0	Sum	

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			<p>buffer build-up delay distribution for HS traffic. Measurement can be started on at least one Device Set (DBCCS). That is, state is operational and the Device board has correct capability. The delay is between SRNC and RBS, that is, both Iub and Iur are included in the delay measurement. Sampled every 100 ms period. The samples are taken from all the HS-DSCH channels scheduled on priority class 12.</p>			
pmHsDataFrameDelayIubSpi12_10	ACCUMULATION	INTEGER	The PM counter presents a	ME_NodeBFunction_IubDataStreams.pmHsDataFrameDelayIubSpi12_10	Sum	

		<p>histogram over the dynamic delay experience d between SRNC and RBS by the flow controlled HSDPA flows, that is, the buffer build-up delay distribution for HS traffic.Measurement can be started on at least one Device Set (DBCCS). That is, state is operational and the Device board has correct capability. The delay is between SRNC and RBS, that is, both Iub and Iur are included in the delay</p>		
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			<p>measurement. Sampled every 100 ms period. The samples are taken from all the HS-DSCH channels scheduled on priority class 12.</p>		
pmHsDataFrameDelayIubSpi12_11	ACCUMULATION	INTEGER	<p>The PM counter presents a histogram over the dynamic delay experienced between SRNC and RBS by the flow controlled HSDPA flows, that is, the buffer build-up delay distribution for HS traffic. Measurement can be started on at least one Device Set (DBCCS). That is, state is operational</p>	ME_NodeBFunction_IubDataStreams.pmHsDataFrameDelayIubSpi12_11	Sum

			<p>and the Device board has correct capability. The delay is between SRNC and RBS, that is, both Iub and Iur are included in the delay measurement. Sampled every 100 ms period. The samples are taken from all the HS-DSCH channels scheduled on priority class 12.</p>		
pmHsDataFrameDelayIubSpi12_12	ACCUMULATION	INTEGER	<p>The PM counter presents a histogram over the dynamic delay experienced between SRNC and RBS by the flow controlled</p>	ME_NodeBFunction_IubDataStreams.pmHsDataFrameDelayIubSpi12_12	Sum

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		<p>HSDPA flows, that is, the buffer build-up delay distribution for HS traffic. Measurement can be started on at least one Device Set (DBCCS). That is, state is operational and the Device board has correct capability. The delay is between SRNC and RBS, that is, both Iub and Iur are included in the delay measurement. Sampled every 100 ms period. The samples are taken from all the HS-DSCH channels scheduled on priority class 12.</p>		
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pmHsDataFrameDelayIubSpi12_13	ACCUMULATION	INTEGER	The PM counter presents a histogram over the dynamic delay experienced between SRNC and RBS by the flow controlled HSDPA flows, that is, the buffer build-up delay distribution for HS traffic. Measurement can be started on at least one Device Set (DBCCS). That is, state is operational and the Device board has correct capability. The delay is between SRNC and RBS, that is, both Iub	ME_NodeBFunction_IubDataStreams.pmHsDataFrameDelayIubSpi12_13	Sum	
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			<p>and Iur are included in the delay measurement. Sampled every 100 ms period. The samples are taken from all the HS-DSCH channels scheduled on priority class 12.</p>		
pmHsDataFrameDelayIubSpi12_14	ACCUMULATION	INTEGER	<p>The PM counter presents a histogram over the dynamic delay experienced between SRNC and RBS by the flow controlled HSDPA flows, that is, the buffer build-up delay distribution for HS traffic. Measurement can be started on at least one Device Set (DBCCS).</p>	ME_NodeBFunction_IubDataStreams.pmHsDataFrameDelayIubSpi12_14	Sum

			That is, state is operational and the Device board has correct capability. The delay is between SRNC and RBS, that is, both Iub and Iur are included in the delay measurement. Sampled every 100 ms period. The samples are taken from all the HS-DSCH channels scheduled on priority class 12.			
pmHsDataFrameDelayIubSpi12_15	ACCUMULATION	INTEGER	The PM counter presents a histogram over the dynamic delay experience d between SRNC and	ME_NodeBFunction_IubDataStreams.pmHsDataFrameDelayIubSpi12_15	Sum	

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		<p>RBS by the flow controlled HSDPA flows, that is, the buffer build-up delay distribution for HS traffic. Measurement can be started on at least one Device Set (DBCCS). That is, state is operational and the Device board has correct capability. The delay is between SRNC and RBS, that is, both Iub and Iur are included in the delay measurement. Sampled every 100 ms period. The samples are taken from all the HS-DSCH channels scheduled</p>		
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			on priority class 12.		
pmHsDataFrameDelayIubSpi12_1	ACCUMULATION	INTEGER	The PM counter presents a histogram over the dynamic delay experienced between SRNC and RBS by the flow controlled HSDPA flows, that is, the buffer build-up delay distribution for HS traffic. Measurement can be started on at least one Device Set (DBCCS). That is, state is operational and the Device board has correct capability. The delay is between	ME_NodeBFunction_IubDataStreams.pmHsDataFrameDelayIubSpi12_1	Sum

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			<p>SRNC and RBS, that is, both Iub and Iur are included in the delay measurement.</p> <p>Sampled every 100 ms period. The samples are taken from all the HS-DSCH channels scheduled on priority class 12.</p>		
pmHsDataFrameDelayIubSpi12_2	ACCUMULATION	INTEGER	<p>The PM counter presents a histogram over the dynamic delay experienced between SRNC and RBS by the flow controlled HSDPA flows, that is, the buffer build-up delay distribution for HS traffic. Measurement can be started on</p>	ME_NodeBFunction_IubDataStreams.pmHsDataFrameDelayIubSpi12_2	Sum

			<p>at least one Device Set (DBCCS). That is, state is operational and the Device board has correct capability. The delay is between SRNC and RBS, that is, both Iub and Iur are included in the delay measurement. Sampled every 100 ms period. The samples are taken from all the HS-DSCH channels scheduled on priority class 12.</p>			
pmHsDataFrameDelayIubSpi12_3	ACCUMULATION	INTEGER	The PM counter presents a histogram over the dynamic delay	ME_NodeBFunction_IubDataStreams.pmHsDataFrameDelayIubSpi12_3	Sum	

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experience
d between
SRNC and
RBS by the
flow
controlled
HSDPA
flows, that
is, the
buffer
build-up
delay
distribution
for HS
traffic. Mea-
surement
can be
started on
at least one
Device Set
(DBCCS).
That is,
state is
operational
and the
Device
board has
correct
capability.
The delay
is between
SRNC and
RBS, that
is, both Iub
and Iur are
included in
the delay
measureme-
nt.
Sampled
every 100
ms period.
The
samples are
taken from
all the HS-

			DSCH channels scheduled on priority class 12.		
pmHsDataFrameDelayIubSpi12_4	ACCUMULATION	INTEGER	The PM counter presents a histogram over the dynamic delay experienced between SRNC and RBS by the flow controlled HSDPA flows, that is, the buffer build-up delay distribution for HS traffic. Measurement can be started on at least one Device Set (DBCCS). That is, state is operational and the Device board has correct	ME_NodeBFunction_IubDataStreams.pmHsDataFrameDelayIubSpi12_4	Sum

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			<p>capability. The delay is between SRNC and RBS, that is, both Iub and Iur are included in the delay measurement. Sampled every 100 ms period. The samples are taken from all the HS-DSCH channels scheduled on priority class 12.</p>		
pmHsDataFrameDelayIubSpi12_5	ACCUMULATION	INTEGER	<p>The PM counter presents a histogram over the dynamic delay experienced between SRNC and RBS by the flow controlled HSDPA flows, that is, the buffer build-up delay distribution for HS traffic. Mea</p>	ME_NodeBFunction_IubDataStreams.pmHsDataFrameDelayIubSpi12_5	Sum

			<p>surement can be started on at least one Device Set (DBCCS). That is, state is operational and the Device board has correct capability. The delay is between SRNC and RBS, that is, both Iub and Iur are included in the delay measurement. Sampled every 100 ms period. The samples are taken from all the HS-DSCH channels scheduled on priority class 12.</p>			
pmHsDataFrameDelayIubSpi12_6	ACCUMULATION	INTEGER	The PM counter presents a histogram	ME_NodeBFunction_IubDataStreams.pmHsDataFrameDelayIubSpi12_6	Sum	

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		<p>over the dynamic delay experienced between SRNC and RBS by the flow controlled HSDPA flows, that is, the buffer build-up delay distribution for HS traffic. Measurement can be started on at least one Device Set (DBCCS). That is, state is operational and the Device board has correct capability. The delay is between SRNC and RBS, that is, both Iub and Iur are included in the delay measurement. Sampled every 100 ms period. The</p>		
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			samples are taken from all the HS-DSCH channels scheduled on priority class 12.		
pmHsDataFrameDelayIubSpi12_7	ACCUMULATION	INTEGER	The PM counter presents a histogram over the dynamic delay experienced between SRNC and RBS by the flow controlled HSDPA flows, that is, the buffer build-up delay distribution for HS traffic. Measurement can be started on at least one Device Set (DBCCS). That is, state is operational and the	ME_NodeBFunction_IubDataStreams.pmHsDataFrameDelayIubSpi12_7	Sum

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			<p>Device board has correct capability. The delay is between SRNC and RBS, that is, both Iub and Iur are included in the delay measurement. Sampled every 100 ms period. The samples are taken from all the HS-DSCH channels scheduled on priority class 12.</p>		
pmHsDataFrameDelayIubSpi12_8	ACCUMULATION	INTEGER	<p>The PM counter presents a histogram over the dynamic delay experienced between SRNC and RBS by the flow controlled HSDPA flows, that is, the buffer build-up delay</p>	ME_NodeBFunction_IubDataStreams.pmHsDataFrameDelayIubSpi12_8	Sum

			<p>distribution for HS traffic. Measurement can be started on at least one Device Set (DBCCS). That is, state is operational and the Device board has correct capability. The delay is between SRNC and RBS, that is, both Iub and Iur are included in the delay measurement. Sampled every 100 ms period. The samples are taken from all the HS-DSCH channels scheduled on priority class 12.</p>			
pmHsDataFrameD	ACCUMU	INTE	The PM	ME_NodeBFunction_IubDat	Sum	

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elayIubSpi12_9	LATION	GER	<p>counter presents a histogram over the dynamic delay experience d between SRNC and RBS by the flow controlled HSDPA flows, that is, the buffer build-up delay distribution for HS traffic.Measurement can be started on at least one Device Set (DBCCS). That is, state is operational and the Device board has correct capability. The delay is between SRNC and RBS, that is, both Iub and Iur are included in the delay measurement. Sampled</p>	<p>aStreams.pmHsDataFrameDe layIubSpi12_9</p>		
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			every 100 ms period. The samples are taken from all the HS-DSCH channels scheduled on priority class 12.		
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7.57.24NodeB.Ericsson.UMTS.PDF_pmHsDataFrameDelayIubSpi13

pmHsDataFrameDelayIubSpi13 PDF counters

KPI	Type	Data Type	Description	Derivation	Default Aggregator	Other Aggregators
pmHsDataFrameDelayIubSpi13_0	ACCUMULATION	INTEGER	The PM counter presents a histogram over the dynamic delay experienced between SRNC and RBS by the flow controlled HSDPA flows, that is, the buffer build-up delay distribution	ME_NodeBFunction_IubDataStreams.pmHsDataFrameDelayIubSpi13_0	Sum	

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			<p>for HS traffic. Measurement can be started on at least one Device Set (DBCCS). That is, state is operational and the Device board has correct capability. The delay is between SRNC and RBS, that is, both Iub and Iur are included in the delay measurement. Sampled every 100 ms period. The samples are taken from all the HS-DSCH channels scheduled on priority class 13.</p>		
pmHsDataFrameDelayIubSpi13_10	ACCUMULATION	INTEGER	The PM counter presents a histogram over the dynamic delay	ME_NodeBFunction_IubDataStreams.pmHsDataFrameDelayIubSpi13_10	Sum

		<p>experience between SRNC and RBS by the flow controlled HSDPA flows, that is, the buffer build-up delay distribution for HS traffic. Measurement can be started on at least one Device Set (DBCCS). That is, state is operational and the Device board has correct capability. The delay is between SRNC and RBS, that is, both Iub and Iur are included in the delay measurement. Sampled every 100</p>		
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			ms period. The samples are taken from all the HS-DSCH channels scheduled on priority class 13.		
pmHsDataFrameDelayIubSpi13_11	ACCUMULATION	INTEGER	The PM counter presents a histogram over the dynamic delay experienced between SRNC and RBS by the flow controlled HSDPA flows, that is, the buffer build-up delay distribution for HS traffic. Measurement can be started on at least one Device Set (DBCCS). That is, state is operational and the Device board has correct	ME_NodeBFunction_IubDataStreams.pmHsDataFrameDelayIubSpi13_11	Sum

			<p>capability. The delay is between SRNC and RBS, that is, both Iub and Iur are included in the delay measurement. Sampled every 100 ms period. The samples are taken from all the HS-DSCH channels scheduled on priority class 13.</p>		
pmHsDataFrameDelayIubSpi13_12	ACCUMULATION	INTEGER	<p>The PM counter presents a histogram over the dynamic delay experienced between SRNC and RBS by the flow controlled HSDPA flows, that is, the buffer</p>	ME_NodeBFunction_IubDataStreams.pmHsDataFrameDelayIubSpi13_12	Sum

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			<p>build-up delay distribution for HS traffic. Measurement can be started on at least one Device Set (DBCCS). That is, state is operational and the Device board has correct capability. The delay is between SRNC and RBS, that is, both Iub and Iur are included in the delay measurement. Sampled every 100 ms period. The samples are taken from all the HS-DSCH channels scheduled on priority class 13.</p>			
pmHsDataFrameDelayIubSpi13_13	ACCUMULATION	INTEGER	The PM counter presents a histogram	ME_NodeBFunction_IubDataStreams.pmHsDataFrameDelayIubSpi13_13	Sum	

		<p>over the dynamic delay experienced between SRNC and RBS by the flow controlled HSDPA flows, that is, the buffer build-up delay distribution for HS traffic. Measurement can be started on at least one Device Set (DBCCS). That is, state is operational and the Device board has correct capability. The delay is between SRNC and RBS, that is, both Iub and Iur are included in the delay measurement</p>			
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			<p>nt. Sampled every 100 ms period. The samples are taken from all the HS-DSCH channels scheduled on priority class 13.</p>		
pmHsDataFrameDelayIubSpi13_14	ACCUMULATION	INTERGER	<p>The PM counter presents a histogram over the dynamic delay experienced between SRNC and RBS by the flow controlled HSDPA flows, that is, the buffer build-up delay distribution for HS traffic. Measurement can be started on at least one Device Set (DBCCS). That is, state is operational and the</p>	ME_NodeBFunction_IubDataStreams.pmHsDataFrameDelayIubSpi13_14	Sum

			<p>Device board has correct capability. The delay is between SRNC and RBS, that is, both Iub and Iur are included in the delay measurement. Sampled every 100 ms period. The samples are taken from all the HS-DSCH channels scheduled on priority class 13.</p>			
pmHsDataFrameDelayIubSpi13_15	ACCUMULATION	INTEGER	<p>The PM counter presents a histogram over the dynamic delay experienced between SRNC and RBS by the flow controlled HSDPA</p>	ME_NodeBFunction_IubDataStreams.pmHsDataFrameDelayIubSpi13_15	Sum	

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			<p>flows, that is, the buffer build-up delay distribution for HS traffic. Measurement can be started on at least one Device Set (DBCCS). That is, state is operational and the Device board has correct capability. The delay is between SRNC and RBS, that is, both Iub and Iur are included in the delay measurement. Sampled every 100 ms period. The samples are taken from all the HS-DSCH channels scheduled on priority class 13.</p>			
pmHsDataFrameD	ACCUMU	INTE	The PM	ME_NodeBFunction_IubDat	Sum	

elayIubSpi13_1	LATION	GER	counter presents a histogram over the dynamic delay experienced between SRNC and RBS by the flow controlled HSDPA flows, that is, the buffer build-up delay distribution for HS traffic. Measurement can be started on at least one Device Set (DBCCS). That is, state is operational and the Device board has correct capability. The delay is between SRNC and RBS, that is, both Iub and Iur are	aStreams.pmHsDataFrameDelayIubSpi13_1		
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			<p>included in the delay measurement. Sampled every 100 ms period. The samples are taken from all the HS-DSCH channels scheduled on priority class 13.</p>		
pmHsDataFrameDelayIubSpi13_2	ACCUMULATION	INTEGER	<p>The PM counter presents a histogram over the dynamic delay experienced between SRNC and RBS by the flow controlled HSDPA flows, that is, the buffer build-up delay distribution for HS traffic. Measurement can be started on at least one Device Set (DBCCS). That is,</p>	ME_NodeBFunction_IubDataStreams.pmHsDataFrameDelayIubSpi13_2	Sum

			<p>state is operational and the Device board has correct capability. The delay is between SRNC and RBS, that is, both Iub and Iur are included in the delay measurement. Sampled every 100 ms period. The samples are taken from all the HS-DSCH channels scheduled on priority class 13.</p>			
pmHsDataFrameDelayIubSpi13_3	ACCUMULATION	INTEGER	<p>The PM counter presents a histogram over the dynamic delay experienced between SRNC and RBS by the</p>	ME_NodeBFunction_IubDataStreams.pmHsDataFrameDelayIubSpi13_3	Sum	

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		<p>flow controlled HSDPA flows, that is, the buffer build-up delay distribution for HS traffic. Measurement can be started on at least one Device Set (DBCCS). That is, state is operational and the Device board has correct capability. The delay is between SRNC and RBS, that is, both Iub and Iur are included in the delay measurement. Sampled every 100 ms period. The samples are taken from all the HS-DSCH channels scheduled on priority</p>		
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			class 13.		
pmHsDataFrameDelayIubSpi13_4	ACCUMULATION	INTEGER	The PM counter presents a histogram over the dynamic delay experienced between SRNC and RBS by the flow controlled HSDPA flows, that is, the buffer build-up delay distribution for HS traffic. Measurement can be started on at least one Device Set (DBCCS). That is, state is operational and the Device board has correct capability. The delay is between SRNC and	ME_NodeBFunction_IubDataStreams.pmHsDataFrameDelayIubSpi13_4	Sum

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			<p>RBS, that is, both Iub and Iur are included in the delay measurement. Sampled every 100 ms period. The samples are taken from all the HS-DSCH channels scheduled on priority class 13.</p>		
pmHsDataFrameDelayIubSpi13_5	ACCUMULATION	INTEGER	<p>The PM counter presents a histogram over the dynamic delay experienced between SRNC and RBS by the flow controlled HSDPA flows, that is, the buffer build-up delay distribution for HS traffic. Measurement can be started on at least one</p>	ME_NodeBFunction_IubDataStreams.pmHsDataFrameDelayIubSpi13_5	Sum

			<p>Device Set (DBCCS). That is, state is operational and the Device board has correct capability. The delay is between SRNC and RBS, that is, both Iub and Iur are included in the delay measurement. Sampled every 100 ms period. The samples are taken from all the HS-DSCH channels scheduled on priority class 13.</p>		
pmHsDataFrameDelayIubSpi13_6	ACCUMULATION	INTEGER	The PM counter presents a histogram over the dynamic delay experience	ME_NodeBFunction_IubDataStreams.pmHsDataFrameDelayIubSpi13_6	Sum

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		<p>d between SRNC and RBS by the flow controlled HSDPA flows, that is, the buffer build-up delay distribution for HS traffic. Measurement can be started on at least one Device Set (DBCCS). That is, state is operational and the Device board has correct capability. The delay is between SRNC and RBS, that is, both Iub and Iur are included in the delay measurement. Sampled every 100 ms period. The samples are taken from all the HS-DSCH</p>		
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			channels scheduled on priority class 13.			
pmHsDataFrameDelayIubSpi13_7	ACCUMULATION	INTEGER	The PM counter presents a histogram over the dynamic delay experienced between SRNC and RBS by the flow controlled HSDPA flows, that is, the buffer build-up delay distribution for HS traffic. Measurement can be started on at least one Device Set (DBCCS). That is, state is operational and the Device board has correct capability.	ME_NodeBFunction_IubDataStreams.pmHsDataFrameDelayIubSpi13_7	Sum	

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			<p>The delay is between SRNC and RBS, that is, both Iub and Iur are included in the delay measurement.</p> <p>Sampled every 100 ms period. The samples are taken from all the HS-DSCH channels scheduled on priority class 13.</p>		
pmHsDataFrameDelayIubSpi13_8	ACCUMULATION	INTEGER	<p>The PM counter presents a histogram over the dynamic delay experienced between SRNC and RBS by the flow controlled HSDPA flows, that is, the buffer build-up delay distribution for HS traffic. Measurement</p>	ME_NodeBFunction_IubDataStreams.pmHsDataFrameDelayIubSpi13_8	Sum

			<p>can be started on at least one Device Set (DBCCS). That is, state is operational and the Device board has correct capability. The delay is between SRNC and RBS, that is, both Iub and Iur are included in the delay measurement. Sampled every 100 ms period. The samples are taken from all the HS-DSCH channels scheduled on priority class 13.</p>			
pmHsDataFrameDelayIubSpi13_9	ACCUMULATION	INTEGER	The PM counter presents a histogram over the	ME_NodeBFunction_IubDataStreams.pmHsDataFrameDelayIubSpi13_9	Sum	

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		<p>dynamic delay experience d between SRNC and RBS by the flow controlled HSDPA flows, that is, the buffer build-up delay distribution for HS traffic.Measurement can be started on at least one Device Set (DBCCS). That is, state is operational and the Device board has correct capability. The delay is between SRNC and RBS, that is, both Iub and Iur are included in the delay measurement. Sampled every 100 ms period. The samples are</p>		
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			taken from all the HS-DSCH channels scheduled on priority class 13.		
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7.57.25NodeB.Ericsson.UMTS.PDF_pmHsDataFrameDelayIubSpi14

pmHsDataFrameDelayIubSpi14 PDF counters

KPI	Type	Data Type	Description	Derivation	Default Aggregator	Other Aggregators
pmHsDataFrameDelayIubSpi14_0	ACCUMULATION	INTEGER	The PM counter presents a histogram over the dynamic delay experienced between SRNC and RBS by the flow controlled HSDPA flows, that is, the buffer build-up delay distribution for HS traffic.Measurement can be	ME_NodeBFunction_IubDataStreams.pmHsDataFrameDelayIubSpi14_0	Sum	

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			<p>started on at least one Device Set (DBCCS). That is, state is operational and the Device board has correct capability. The delay is between SRNC and RBS, that is, both Iub and Iur are included in the delay measurement.</p> <p>Sampled every 100 ms period. The samples are taken from all the HS-DSCH channels scheduled on priority class 14.</p>		
pmHsDataFrameDelayIubSpi14_10	ACCUMULATION	INTEGER	The PM counter presents a histogram over the dynamic delay experienced between SRNC and RBS by the	ME_NodeBFunction_IubDataStreams.pmHsDataFrameDelayIubSpi14_10	Sum

		<p>flow controlled HSDPA flows, that is, the buffer build-up delay distribution for HS traffic. Measurement can be started on at least one Device Set (DBCCS). That is, state is operational and the Device board has correct capability. The delay is between SRNC and RBS, that is, both Iub and Iur are included in the delay measurement. Sampled every 100 ms period. The samples are taken from</p>		
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			all the HS-DSCH channels scheduled on priority class 14.		
pmHsDataFrameDelayIubSpi14_11	ACCUMULATION	INTEGER	The PM counter presents a histogram over the dynamic delay experienced between SRNC and RBS by the flow controlled HSDPA flows, that is, the buffer build-up delay distribution for HS traffic. Measurement can be started on at least one Device Set (DBCCS). That is, state is operational and the Device board has correct capability. The delay is between SRNC and	ME_NodeBFunction_IubDataStreams.pmHsDataFrameDelayIubSpi14_11	Sum

			<p>RBS, that is, both Iub and Iur are included in the delay measurement. Sampled every 100 ms period. The samples are taken from all the HS-DSCH channels scheduled on priority class 14.</p>		
pmHsDataFrameDelayIubSpi14_12	ACCUMULATION	INTEGER	<p>The PM counter presents a histogram over the dynamic delay experienced between SRNC and RBS by the flow controlled HSDPA flows, that is, the buffer build-up delay distribution for HS</p>	ME_NodeBFunction_IubDataStreams.pmHsDataFrameDelayIubSpi14_12	Sum

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			<p>traffic.Measurement can be started on at least one Device Set (DBCCS). That is, state is operational and the Device board has correct capability. The delay is between SRNC and RBS, that is, both Iub and Iur are included in the delay measurement. Sampled every 100 ms period. The samples are taken from all the HS-DSCH channels scheduled on priority class 14.</p>		
pmHsDataFrameDelayIubSpi14_13	ACCUMULATION	INTEGER	The PM counter presents a histogram over the dynamic delay experience	ME_NodeBFunction_IubDataStreams.pmHsDataFrameDelayIubSpi14_13	Sum

		<p>d between SRNC and RBS by the flow controlled HSDPA flows, that is, the buffer build-up delay distribution for HS traffic. Measurement can be started on at least one Device Set (DBCCS). That is, state is operational and the Device board has correct capability. The delay is between SRNC and RBS, that is, both Iub and Iur are included in the delay measurement. Sampled every 100 ms period.</p>		
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			The samples are taken from all the HS-DSCH channels scheduled on priority class 14.			
pmHsDataFrameDelayIubSpi14_14	ACCUMULATION	INTE GER	The PM counter presents a histogram over the dynamic delay experienced between SRNC and RBS by the flow controlled HSDPA flows, that is, the buffer build-up delay distribution for HS traffic. Measurement can be started on at least one Device Set (DBCCS). That is, state is operational and the Device board has correct capability.	ME_NodeBFunction_IubDataStreams.pmHsDataFrameDelayIubSpi14_14	Sum	

			<p>The delay is between SRNC and RBS, that is, both Iub and Iur are included in the delay measurement.</p> <p>Sampled every 100 ms period.</p> <p>The samples are taken from all the HS-DSCH channels scheduled on priority class 14.</p>			
pmHsDataFrameDelayIubSpi14_15	ACCUMULATION	INTEGER	<p>The PM counter presents a histogram over the dynamic delay experienced between SRNC and RBS by the flow controlled HSDPA flows, that is, the buffer build-up</p>	ME_NodeBFunction_IubDataStreams.pmHsDataFrameDelayIubSpi14_15	Sum	

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			<p>delay distribution for HS traffic. Measurement can be started on at least one Device Set (DBCCS). That is, state is operational and the Device board has correct capability. The delay is between SRNC and RBS, that is, both Iub and Iur are included in the delay measurement. Sampled every 100 ms period. The samples are taken from all the HS-DSCH channels scheduled on priority class 14.</p>		
pmHsDataFrameDelayIubSpi14_1	ACCUMULATION	INTEGER	The PM counter presents a histogram over the	ME_NodeBFunction_IubDataStreams.pmHsDataFrameDelayIubSpi14_1	Sum

		<p>dynamic delay experience d between SRNC and RBS by the flow controlled HSDPA flows, that is, the buffer build-up delay distribution for HS traffic.Measurement can be started on at least one Device Set (DBCCS). That is, state is operational and the Device board has correct capability. The delay is between SRNC and RBS, that is, both Iub and Iur are included in the delay measurement.</p>		
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			<p>Sampled every 100 ms period. The samples are taken from all the HS-DSCH channels scheduled on priority class 14.</p>		
pmHsDataFrameDelayIubSpi14_2	ACCUMULATION	INTEGER	<p>The PM counter presents a histogram over the dynamic delay experienced between SRNC and RBS by the flow controlled HSDPA flows, that is, the buffer build-up delay distribution for HS traffic. Measurement can be started on at least one Device Set (DBCCS). That is, state is operational and the Device</p>	ME_NodeBFunction_IubDataStreams.pmHsDataFrameDelayIubSpi14_2	Sum

			board has correct capability. The delay is between SRNC and RBS, that is, both Iub and Iur are included in the delay measurement. Sampled every 100 ms period. The samples are taken from all the HS-DSCH channels scheduled on priority class 14.			
pmHsDataFrameDelayIubSpi14_3	ACCUMULATION	INTEGER	The PM counter presents a histogram over the dynamic delay experienced between SRNC and RBS by the flow controlled HSDPA flows, that	ME_NodeBFunction_IubDataStreams.pmHsDataFrameDelayIubSpi14_3	Sum	

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			<p>is, the buffer build-up delay distribution for HS traffic. Measurement can be started on at least one Device Set (DBCCS). That is, state is operational and the Device board has correct capability. The delay is between SRNC and RBS, that is, both Iub and Iur are included in the delay measurement. Sampled every 100 ms period. The samples are taken from all the HS-DSCH channels scheduled on priority class 14.</p>			
pmHsDataFrameDelayIubSpi14_4	ACCUMULATION	INTEGER	The PM counter	ME_NodeBFunction_IubDataStreams.pmHsDataFrameDe	Sum	

		<p>presents a histogram over the dynamic delay experienced between SRNC and RBS by the flow controlled HSDPA flows, that is, the buffer build-up delay distribution for HS traffic. Measurement can be started on at least one Device Set (DBCCS). That is, state is operational and the Device board has correct capability. The delay is between SRNC and RBS, that is, both Iub and Iur are included in</p>	<p>layIubSpi14_4</p>		
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			<p>the delay measurement. Sampled every 100 ms period. The samples are taken from all the HS-DSCH channels scheduled on priority class 14.</p>		
pmHsDataFrameDelayIubSpi14_5	ACCUMULATION	INTEGER	<p>The PM counter presents a histogram over the dynamic delay experienced between SRNC and RBS by the flow controlled HSDPA flows, that is, the buffer build-up delay distribution for HS traffic. Measurement can be started on at least one Device Set (DBCCS). That is, state is</p>	ME_NodeBFunction_IubDataStreams.pmHsDataFrameDelayIubSpi14_5	Sum

			operational and the Device board has correct capability. The delay is between SRNC and RBS, that is, both Iub and Iur are included in the delay measurement. Sampled every 100 ms period. The samples are taken from all the HS-DSCH channels scheduled on priority class 14.			
pmHsDataFrameDelayIubSpi14_6	ACCUMULATION	INTEGER	The PM counter presents a histogram over the dynamic delay experienced between SRNC and RBS by the flow	ME_NodeBFunction_IubDataStreams.pmHsDataFrameDelayIubSpi14_6	Sum	

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		<p>controlled HSDPA flows, that is, the buffer build-up delay distribution for HS traffic. Measurement can be started on at least one Device Set (DBCCS). That is, state is operational and the Device board has correct capability. The delay is between SRNC and RBS, that is, both Iub and Iur are included in the delay measurement. Sampled every 100 ms period. The samples are taken from all the HS-DSCH channels scheduled on priority class 14.</p>		
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<p>pmHsDataFrameDelayIubSpi14_7</p>	<p>ACCUMULATION</p>	<p>INTEGER</p>	<p>The PM counter presents a histogram over the dynamic delay experienced between SRNC and RBS by the flow controlled HSDPA flows, that is, the buffer build-up delay distribution for HS traffic. Measurement can be started on at least one Device Set (DBCCS). That is, state is operational and the Device board has correct capability. The delay is between SRNC and RBS, that is, both Iub</p>	<p>ME_NodeBFunction_IubDataStreams.pmHsDataFrameDelayIubSpi14_7</p>	<p>Sum</p>	
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			and Iur are included in the delay measurement. Sampled every 100 ms period. The samples are taken from all the HS-DSCH channels scheduled on priority class 14.			
pmHsDataFrameDelayIubSpi14_8	ACCUMULATION	INTEGER	The PM counter presents a histogram over the dynamic delay experienced between SRNC and RBS by the flow controlled HSDPA flows, that is, the buffer build-up delay distribution for HS traffic. Measurement can be started on at least one Device Set (DBCCS).	ME_NodeBFunction_IubDataStreams.pmHsDataFrameDelayIubSpi14_8	Sum	

			That is, state is operational and the Device board has correct capability. The delay is between SRNC and RBS, that is, both Iub and Iur are included in the delay measurement. Sampled every 100 ms period. The samples are taken from all the HS-DSCH channels scheduled on priority class 14.			
pmHsDataFrameDelayIubSpi14_9	ACCUMULATION	INTEGER	The PM counter presents a histogram over the dynamic delay experience d between SRNC and	ME_NodeBFunction_IubDataStreams.pmHsDataFrameDelayIubSpi14_9	Sum	

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		<p>RBS by the flow controlled HSDPA flows, that is, the buffer build-up delay distribution for HS traffic. Measurement can be started on at least one Device Set (DBCCS). That is, state is operational and the Device board has correct capability. The delay is between SRNC and RBS, that is, both Iub and Iur are included in the delay measurement. Sampled every 100 ms period. The samples are taken from all the HS-DSCH channels scheduled</p>		
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			on priority class 14.		
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7.57.26NodeB.Ericsson.UMTS.PDF_pmHsDataFrameDelayIubSpi15

pmHsDataFrameDelayIubSpi15 PDF counters

KPI	Type	Data Type	Description	Derivation	Default Aggregator	Other Aggregators
pmHsDataFrameDelayIubSpi15_0	ACCUMULATION	INTEGER	The PM counter presents a histogram over the dynamic delay experienced between SRNC and RBS by the flow controlled HSDPA flows, that is, the buffer build-up delay distribution for HS traffic. Measurement can be started on at least one Device Set (DBCCS). That is,	ME_NodeBFunction_IubDataStreams.pmHsDataFrameDelayIubSpi15_0	Sum	

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			<p>state is operational and the Device board has correct capability. The delay is between SRNC and RBS, that is, both Iub and Iur are included in the delay measurement. Sampled every 100 ms period. The samples are taken from all the HS-DSCH channels scheduled on priority class 15.</p>		
pmHsDataFrameDelayIubSpi15_10	ACCUMULATION	INTEGER	<p>The PM counter presents a histogram over the dynamic delay experienced between SRNC and RBS by the flow controlled HSDPA flows, that is, the</p>	ME_NodeBFunction_IubDataStreams.pmHsDataFrameDelayIubSpi15_10	Sum

		<p>buffer build-up delay distribution for HS traffic. Measurement can be started on at least one Device Set (DBCCS). That is, state is operational and the Device board has correct capability. The delay is between SRNC and RBS, that is, both Iub and Iur are included in the delay measurement. Sampled every 100 ms period. The samples are taken from all the HS-DSCH channels scheduled on priority</p>		
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			class 15.		
pmHsDataFrameDelayIubSpi15_11	ACCUMULATION	INTEGER	The PM counter presents a histogram over the dynamic delay experienced between SRNC and RBS by the flow controlled HSDPA flows, that is, the buffer build-up delay distribution for HS traffic. Measurement can be started on at least one Device Set (DBCCS). That is, state is operational and the Device board has correct capability. The delay is between SRNC and RBS, that is, both Iub and Iur are included in the delay	ME_NodeBFunction_IubDataStreams.pmHsDataFrameDelayIubSpi15_11	Sum

			measurement. Sampled every 100 ms period. The samples are taken from all the HS-DSCH channels scheduled on priority class 15.		
pmHsDataFrameDelayIubSpi15_12	ACCUMULATION	INTEGER	The PM counter presents a histogram over the dynamic delay experienced between SRNC and RBS by the flow controlled HSDPA flows, that is, the buffer build-up delay distribution for HS traffic. Measurement can be started on at least one	ME_NodeBFunction_IubDataStreams.pmHsDataFrameDelayIubSpi15_12	Sum

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			<p>Device Set (DBCCS). That is, state is operational and the Device board has correct capability. The delay is between SRNC and RBS, that is, both Iub and Iur are included in the delay measurement. Sampled every 100 ms period. The samples are taken from all the HS-DSCH channels scheduled on priority class 15.</p>		
pmHsDataFrameDelayIubSpi15_13	ACCUMULATION	INTEGER	The PM counter presents a histogram over the dynamic delay experienced between SRNC and RBS by the flow controlled	ME_NodeBFunction_IubDataStreams.pmHsDataFrameDelayIubSpi15_13	Sum

		<p>HSDPA flows, that is, the buffer build-up delay distribution for HS traffic. Measurement can be started on at least one Device Set (DBCCS). That is, state is operational and the Device board has correct capability. The delay is between SRNC and RBS, that is, both Iub and Iur are included in the delay measurement. Sampled every 100 ms period. The samples are taken from all the HS-DSCH</p>		
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			channels scheduled on priority class 15.			
pmHsDataFrameDelayIubSpi15_14	ACCUMULATION	INTEGER	The PM counter presents a histogram over the dynamic delay experienced between SRNC and RBS by the flow controlled HSDPA flows, that is, the buffer build-up delay distribution for HS traffic. Measurement can be started on at least one Device Set (DBCCS). That is, state is operational and the Device board has correct capability. The delay is between SRNC and RBS, that is, both Iub	ME_NodeBFunction_IubDataStreams.pmHsDataFrameDelayIubSpi15_14	Sum	

			and Iur are included in the delay measurement. Sampled every 100 ms period. The samples are taken from all the HS-DSCH channels scheduled on priority class 15.			
pmHsDataFrameDelayIubSpi15_15	ACCUMULATION	INTEGER	The PM counter presents a histogram over the dynamic delay experienced between SRNC and RBS by the flow controlled HSDPA flows, that is, the buffer build-up delay distribution for HS traffic. Measurement	ME_NodeBFunction_IubDataStreams.pmHsDataFrameDelayIubSpi15_15	Sum	

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			<p>can be started on at least one Device Set (DBCCS). That is, state is operational and the Device board has correct capability. The delay is between SRNC and RBS, that is, both Iub and Iur are included in the delay measurement. Sampled every 100 ms period. The samples are taken from all the HS-DSCH channels scheduled on priority class 15.</p>			
pmHsDataFrameDelayIubSpi15_1	ACCUMULATION	INTEGER	The PM counter presents a histogram over the dynamic delay experienced between SRNC and	ME_NodeBFunction_IubDataStreams.pmHsDataFrameDelayIubSpi15_1	Sum	

		<p>RBS by the flow controlled HSDPA flows, that is, the buffer build-up delay distribution for HS traffic. Measurement can be started on at least one Device Set (DBCCS). That is, state is operational and the Device board has correct capability. The delay is between SRNC and RBS, that is, both Iub and Iur are included in the delay measurement. Sampled every 100 ms period. The samples are</p>		
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			taken from all the HS-DSCH channels scheduled on priority class 15.		
pmHsDataFrameDelayIubSpi15_2	ACCUMULATION	INTEGER	The PM counter presents a histogram over the dynamic delay experienced between SRNC and RBS by the flow controlled HSDPA flows, that is, the buffer build-up delay distribution for HS traffic. Measurement can be started on at least one Device Set (DBCCS). That is, state is operational and the Device board has correct capability. The delay is between	ME_NodeBFunction_IubDataStreams.pmHsDataFrameDelayIubSpi15_2	Sum

			SRNC and RBS, that is, both Iub and Iur are included in the delay measurement. Sampled every 100 ms period. The samples are taken from all the HS-DSCH channels scheduled on priority class 15.		
pmHsDataFrameDelayIubSpi15_3	ACCUMULATION	INTEGER	The PM counter presents a histogram over the dynamic delay experienced between SRNC and RBS by the flow controlled HSDPA flows, that is, the buffer build-up delay distribution	ME_NodeBFunction_IubDataStreams.pmHsDataFrameDelayIubSpi15_3	Sum

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			<p>for HS traffic. Measurement can be started on at least one Device Set (DBCCS). That is, state is operational and the Device board has correct capability. The delay is between SRNC and RBS, that is, both Iub and Iur are included in the delay measurement. Sampled every 100 ms period. The samples are taken from all the HS-DSCH channels scheduled on priority class 15.</p>		
pmHsDataFrameDelayIubSpi15_4	ACCUMULATION	INTEGER	The PM counter presents a histogram over the dynamic delay	ME_NodeBFunction_IubDataStreams.pmHsDataFrameDelayIubSpi15_4	Sum

		<p>experience between SRNC and RBS by the flow controlled HSDPA flows, that is, the buffer build-up delay distribution for HS traffic. Measurement can be started on at least one Device Set (DBCCS). That is, state is operational and the Device board has correct capability. The delay is between SRNC and RBS, that is, both Iub and Iur are included in the delay measurement. Sampled every 100</p>		
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			ms period. The samples are taken from all the HS-DSCH channels scheduled on priority class 15.		
pmHsDataFrameDelayIubSpi15_5	ACCUMULATION	INTEGER	The PM counter presents a histogram over the dynamic delay experienced between SRNC and RBS by the flow controlled HSDPA flows, that is, the buffer build-up delay distribution for HS traffic. Measurement can be started on at least one Device Set (DBCCS). That is, state is operational and the Device board has correct	ME_NodeBFunction_IubDataStreams.pmHsDataFrameDelayIubSpi15_5	Sum

			<p>capability. The delay is between SRNC and RBS, that is, both Iub and Iur are included in the delay measurement. Sampled every 100 ms period. The samples are taken from all the HS-DSCH channels scheduled on priority class 15.</p>			
pmHsDataFrameDelayIubSpi15_6	ACCUMULATION	INTEGER	<p>The PM counter presents a histogram over the dynamic delay experienced between SRNC and RBS by the flow controlled HSDPA flows, that is, the buffer</p>	ME_NodeBFunction_IubDataStreams.pmHsDataFrameDelayIubSpi15_6	Sum	

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			<p>build-up delay distribution for HS traffic. Measurement can be started on at least one Device Set (DBCCS). That is, state is operational and the Device board has correct capability. The delay is between SRNC and RBS, that is, both Iub and Iur are included in the delay measurement. Sampled every 100 ms period. The samples are taken from all the HS-DSCH channels scheduled on priority class 15.</p>			
pmHsDataFrameDelayIubSpi15_7	ACCUMULATION	INTEGER	The PM counter presents a histogram	ME_NodeBFunction_IubDataStreams.pmHsDataFrameDelayIubSpi15_7	Sum	

		<p>over the dynamic delay experienced between SRNC and RBS by the flow controlled HSDPA flows, that is, the buffer build-up delay distribution for HS traffic. Measurement can be started on at least one Device Set (DBCCS). That is, state is operational and the Device board has correct capability. The delay is between SRNC and RBS, that is, both Iub and Iur are included in the delay measurement</p>			
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			<p>nt. Sampled every 100 ms period. The samples are taken from all the HS-DSCH channels scheduled on priority class 15.</p>		
pmHsDataFrameDelayIubSpi15_8	ACCUMULATION	INTERGER	<p>The PM counter presents a histogram over the dynamic delay experienced between SRNC and RBS by the flow controlled HSDPA flows, that is, the buffer build-up delay distribution for HS traffic. Measurement can be started on at least one Device Set (DBCCS). That is, state is operational and the</p>	ME_NodeBFunction_IubDataStreams.pmHsDataFrameDelayIubSpi15_8	Sum

			<p>Device board has correct capability. The delay is between SRNC and RBS, that is, both Iub and Iur are included in the delay measurement. Sampled every 100 ms period. The samples are taken from all the HS-DSCH channels scheduled on priority class 15.</p>			
pmHsDataFrameDelayIubSpi15_9	ACCUMULATION	INTEGER	<p>The PM counter presents a histogram over the dynamic delay experienced between SRNC and RBS by the flow controlled HSDPA</p>	ME_NodeBFunction_IubDataStreams.pmHsDataFrameDelayIubSpi15_9	Sum	

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		<p>flows, that is, the buffer build-up delay distribution for HS traffic. Measurement can be started on at least one Device Set (DBCCS). That is, state is operational and the Device board has correct capability. The delay is between SRNC and RBS, that is, both Iub and Iur are included in the delay measurement. Sampled every 100 ms period. The samples are taken from all the HS-DSCH channels scheduled on priority class 15.</p>		
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7.57.27NodeB.Ericsson.UMTS.PDF_pmlubMacdPduRbsReceivedBits

pmIubMacdPduRbsReceivedBits PDF counters

KPI	Type	Data Type	Description	Derivation	Default Aggregator	Other Aggregators
pmIubMacdPduRbsReceivedBits_0	ACCUMULATION	INTEGER	Iub HS MAC-d PDU received number of bits per one second interval in the RBS.	ME_NodeBFunction_IubDataStreams.pmIubMacdPduRbsReceivedBits_0	Sum	
pmIubMacdPduRbsReceivedBits_100	ACCUMULATION	INTEGER	Iub HS MAC-d PDU received number of bits per one second interval in the RBS.	ME_NodeBFunction_IubDataStreams.pmIubMacdPduRbsReceivedBits_100	Sum	
pmIubMacdPduRbsReceivedBits_10	ACCUMULATION	INTEGER	Iub HS MAC-d PDU received	ME_NodeBFunction_IubDataStreams.pmIubMacdPduRbsReceivedBits_10	Sum	

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			d numbe r of bits per one second interva l in the RBS.			
pmIubMacdPduRbs ReceivedBits_11	ACCUMU LATION	INTE GER	Iub HS MAC- d PDU receiv ed numbe r of bits per one second interva l in the RBS.	ME_NodeBFunction_IubDataS treams.pmIubMacdPduRbsRec eivedBits_11	Sum	
pmIubMacdPduRbs ReceivedBits_12	ACCUMU LATION	INTE GER	Iub HS MAC- d PDU receiv ed numbe r of bits per one second interva l in the RBS.	ME_NodeBFunction_IubDataS treams.pmIubMacdPduRbsRec eivedBits_12	Sum	
pmIubMacdPduRbs ReceivedBits_13	ACCUMU LATION	INTE GER	Iub HS MAC- d PDU receiv ed numbe r	ME_NodeBFunction_IubDataS treams.pmIubMacdPduRbsRec eivedBits_13	Sum	

			r of bits per one second interval in the RBS.			
pmIubMacdPduRbsReceivedBits_14	ACCUMULATION	INTEGER	Iub HS MAC-d PDU received number of bits per one second interval in the RBS.	ME_NodeBFunction_IubDataStreams.pmIubMacdPduRbsReceivedBits_14	Sum	
pmIubMacdPduRbsReceivedBits_15	ACCUMULATION	INTEGER	Iub HS MAC-d PDU received number of bits per one second interval in the RBS.	ME_NodeBFunction_IubDataStreams.pmIubMacdPduRbsReceivedBits_15	Sum	
pmIubMacdPduRbsReceivedBits_16	ACCUMULATION	INTEGER	Iub HS MAC-d PDU	ME_NodeBFunction_IubDataStreams.pmIubMacdPduRbsReceivedBits_16	Sum	

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			received number of bits per one second interval in the RBS.			
pmIubMacdPduRbsReceivedBits_17	ACCUMULATION	INTEGER	Iub HS MAC-d PDU received number of bits per one second interval in the RBS.	ME_NodeBFunction_IubDataStreams.pmIubMacdPduRbsReceivedBits_17	Sum	
pmIubMacdPduRbsReceivedBits_18	ACCUMULATION	INTEGER	Iub HS MAC-d PDU received number of bits per one second interval in the RBS.	ME_NodeBFunction_IubDataStreams.pmIubMacdPduRbsReceivedBits_18	Sum	
pmIubMacdPduRbsReceivedBits_19	ACCUMULATION	INTEGER	Iub HS MAC-d PDU received	ME_NodeBFunction_IubDataStreams.pmIubMacdPduRbsReceivedBits_19	Sum	

			number of bits per one second interval in the RBS.			
pmIubMacdPduRbsReceivedBits_1	ACCUMULATION	INTEGER	Iub HS MAC-d PDU received number of bits per one second interval in the RBS.	ME_NodeBFunction_IubDataStreams.pmIubMacdPduRbsReceivedBits_1	Sum	
pmIubMacdPduRbsReceivedBits_20	ACCUMULATION	INTEGER	Iub HS MAC-d PDU received number of bits per one second interval in the RBS.	ME_NodeBFunction_IubDataStreams.pmIubMacdPduRbsReceivedBits_20	Sum	
pmIubMacdPduRbsReceivedBits_21	ACCUMULATION	INTEGER	Iub HS MAC-	ME_NodeBFunction_IubDataStreams.pmIubMacdPduRbsRec	Sum	

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			d PDU received number of bits per one second interval in the RBS.	eivedBits_21		
pmIubMacdPduRbsReceivedBits_22	ACCUMULATION	INTEGER	Iub HS MAC-d PDU received number of bits per one second interval in the RBS.	ME_NodeBFunction_IubDataStreams.pmIubMacdPduRbsReceivedBits_22	Sum	
pmIubMacdPduRbsReceivedBits_23	ACCUMULATION	INTEGER	Iub HS MAC-d PDU received number of bits per one second interval in the RBS.	ME_NodeBFunction_IubDataStreams.pmIubMacdPduRbsReceivedBits_23	Sum	
pmIubMacdPduRbsReceivedBits_24	ACCUMULATION	INTEGER	Iub HS MAC-d PDU received	ME_NodeBFunction_IubDataStreams.pmIubMacdPduRbsReceivedBits_24	Sum	

			d numbe r of bits per one second interva l in the RBS.			
pmIubMacdPduRbs ReceivedBits_25	ACCUMU LATION	INTE GER	Iub HS MAC- d PDU receiv ed numbe r of bits per one second interva l in the RBS.	ME_NodeBFunction_IubDataS treams.pmIubMacdPduRbsRec eivedBits_25	Sum	
pmIubMacdPduRbs ReceivedBits_26	ACCUMU LATION	INTE GER	Iub HS MAC- d PDU receiv ed numbe r of bits per one second interva l in the RBS.	ME_NodeBFunction_IubDataS treams.pmIubMacdPduRbsRec eivedBits_26	Sum	
pmIubMacdPduRbs	ACCUMU	INTE	Iub HS	ME_NodeBFunction_IubDataS	Sum	

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ReceivedBits_27	LATION	GER	MAC-d PDU received number of bits per one second interval in the RBS.	ME_NodeBFunction_IubDataStreams.pmIubMacdPduRbsReceivedBits_27		
pmIubMacdPduRbsReceivedBits_28	ACCUMULATION	INTEGER	Iub HS MAC-d PDU received number of bits per one second interval in the RBS.	ME_NodeBFunction_IubDataStreams.pmIubMacdPduRbsReceivedBits_28	Sum	
pmIubMacdPduRbsReceivedBits_29	ACCUMULATION	INTEGER	Iub HS MAC-d PDU received number of bits per one second interval in the RBS.	ME_NodeBFunction_IubDataStreams.pmIubMacdPduRbsReceivedBits_29	Sum	
pmIubMacdPduRbsReceivedBits_2	ACCUMULATION	INTEGER	Iub HS MAC-d PDU	ME_NodeBFunction_IubDataStreams.pmIubMacdPduRbsReceivedBits_2	Sum	

			received number of bits per one second interval in the RBS.			
pmIubMacdPduRbsReceivedBits_30	ACCUMULATION	INTEGER	Iub HS MAC-d PDU received number of bits per one second interval in the RBS.	ME_NodeBFunction_IubDataStreams.pmIubMacdPduRbsReceivedBits_30	Sum	
pmIubMacdPduRbsReceivedBits_31	ACCUMULATION	INTEGER	Iub HS MAC-d PDU received number of bits per one second interval in the RBS.	ME_NodeBFunction_IubDataStreams.pmIubMacdPduRbsReceivedBits_31	Sum	

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pmIubMacdPduRbs ReceivedBits_32	ACCUMU LATION	INTE GER	Iub HS MAC- d PDU receiv ed numbe r of bits per one second interva l in the RBS.	ME_NodeBFunction_IubDataS treams.pmIubMacdPduRbsRec eivedBits_32	Sum	
pmIubMacdPduRbs ReceivedBits_33	ACCUMU LATION	INTE GER	Iub HS MAC- d PDU receiv ed numbe r of bits per one second interva l in the RBS.	ME_NodeBFunction_IubDataS treams.pmIubMacdPduRbsRec eivedBits_33	Sum	
pmIubMacdPduRbs ReceivedBits_34	ACCUMU LATION	INTE GER	Iub HS MAC- d PDU receiv ed numbe r of bits per one second interva l in the RBS.	ME_NodeBFunction_IubDataS treams.pmIubMacdPduRbsRec eivedBits_34	Sum	
pmIubMacdPduRbs ReceivedBits_35	ACCUMU LATION	INTE GER	Iub HS MAC-	ME_NodeBFunction_IubDataS treams.pmIubMacdPduRbsRec	Sum	

			d PDU received number of bits per one second interval in the RBS.	eivedBits_35		
pmIubMacdPduRbsReceivedBits_36	ACCUMULATION	INTEGER	Iub HS MAC-d PDU received number of bits per one second interval in the RBS.	ME_NodeBFunction_IubDataStreams.pmIubMacdPduRbsReceivedBits_36	Sum	
pmIubMacdPduRbsReceivedBits_37	ACCUMULATION	INTEGER	Iub HS MAC-d PDU received number of bits per one second interval in the RBS.	ME_NodeBFunction_IubDataStreams.pmIubMacdPduRbsReceivedBits_37	Sum	

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pmIubMacdPduRbs ReceivedBits_38	ACCUMU LATION	INTE GER	Iub HS MAC- d PDU receiv ed numbe r of bits per one second interva l in the RBS.	ME_NodeBFunction_IubDataS treams.pmIubMacdPduRbsRec eivedBits_38	Sum	
pmIubMacdPduRbs ReceivedBits_39	ACCUMU LATION	INTE GER	Iub HS MAC- d PDU receiv ed numbe r of bits per one second interva l in the RBS.	ME_NodeBFunction_IubDataS treams.pmIubMacdPduRbsRec eivedBits_39	Sum	
pmIubMacdPduRbs ReceivedBits_3	ACCUMU LATION	INTE GER	Iub HS MAC- d PDU receiv ed numbe r of bits per one second interva l in the RBS.	ME_NodeBFunction_IubDataS treams.pmIubMacdPduRbsRec eivedBits_3	Sum	
pmIubMacdPduRbs ReceivedBits_40	ACCUMU LATION	INTE GER	Iub HS MAC-	ME_NodeBFunction_IubDataS treams.pmIubMacdPduRbsRec	Sum	

			d PDU received number of bits per one second interval in the RBS.	eivedBits_40		
pmIubMacdPduRbsReceivedBits_41	ACCUMULATION	INTEGER	Iub HS MAC-d PDU received number of bits per one second interval in the RBS.	ME_NodeBFunction_IubDataStreams.pmIubMacdPduRbsReceivedBits_41	Sum	
pmIubMacdPduRbsReceivedBits_42	ACCUMULATION	INTEGER	Iub HS MAC-d PDU received number of bits per one second interval in the RBS.	ME_NodeBFunction_IubDataStreams.pmIubMacdPduRbsReceivedBits_42	Sum	

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pmIubMacdPduRbs ReceivedBits_43	ACCUMU LATION	INTE GER	Iub HS MAC- d PDU receiv ed numbe r of bits per one second interva l in the RBS.	ME_NodeBFunction_IubDataS treams.pmIubMacdPduRbsRec eivedBits_43	Sum	
pmIubMacdPduRbs ReceivedBits_44	ACCUMU LATION	INTE GER	Iub HS MAC- d PDU receiv ed numbe r of bits per one second interva l in the RBS.	ME_NodeBFunction_IubDataS treams.pmIubMacdPduRbsRec eivedBits_44	Sum	
pmIubMacdPduRbs ReceivedBits_45	ACCUMU LATION	INTE GER	Iub HS MAC- d PDU receiv ed numbe r of bits per one second interva l in the RBS.	ME_NodeBFunction_IubDataS treams.pmIubMacdPduRbsRec eivedBits_45	Sum	
pmIubMacdPduRbs ReceivedBits_46	ACCUMU LATION	INTE GER	Iub HS MAC-	ME_NodeBFunction_IubDataS treams.pmIubMacdPduRbsRec	Sum	

			d PDU received number of bits per one second interval in the RBS.	eivedBits_46		
pmIubMacdPduRbsReceivedBits_47	ACCUMULATION	INTEGER	Iub HS MAC-d PDU received number of bits per one second interval in the RBS.	ME_NodeBFunction_IubDataStreams.pmIubMacdPduRbsReceivedBits_47	Sum	
pmIubMacdPduRbsReceivedBits_48	ACCUMULATION	INTEGER	Iub HS MAC-d PDU received number of bits per one second interval in the RBS.	ME_NodeBFunction_IubDataStreams.pmIubMacdPduRbsReceivedBits_48	Sum	

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pmIubMacdPduRbs ReceivedBits_49	ACCUMU LATION	INTE GER	Iub HS MAC- d PDU receiv ed numbe r of bits per one second interva l in the RBS.	ME_NodeBFunction_IubDataS treams.pmIubMacdPduRbsRec eivedBits_49	Sum	
pmIubMacdPduRbs ReceivedBits_4	ACCUMU LATION	INTE GER	Iub HS MAC- d PDU receiv ed numbe r of bits per one second interva l in the RBS.	ME_NodeBFunction_IubDataS treams.pmIubMacdPduRbsRec eivedBits_4	Sum	
pmIubMacdPduRbs ReceivedBits_50	ACCUMU LATION	INTE GER	Iub HS MAC- d PDU receiv ed numbe r of bits per one second interva l in the RBS.	ME_NodeBFunction_IubDataS treams.pmIubMacdPduRbsRec eivedBits_50	Sum	
pmIubMacdPduRbs ReceivedBits_51	ACCUMU LATION	INTE GER	Iub HS MAC-	ME_NodeBFunction_IubDataS treams.pmIubMacdPduRbsRec	Sum	

			d PDU received number of bits per one second interval in the RBS.	eivedBits_51		
pmIubMacdPduRbsReceivedBits_52	ACCUMULATION	INTEGER	Iub HS MAC-d PDU received number of bits per one second interval in the RBS.	ME_NodeBFunction_IubDataStreams.pmIubMacdPduRbsReceivedBits_52	Sum	
pmIubMacdPduRbsReceivedBits_53	ACCUMULATION	INTEGER	Iub HS MAC-d PDU received number of bits per one second interval in the RBS.	ME_NodeBFunction_IubDataStreams.pmIubMacdPduRbsReceivedBits_53	Sum	

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pmIubMacdPduRbs ReceivedBits_54	ACCUMU LATION	INTE GER	Iub HS MAC- d PDU receiv ed numbe r of bits per one second interva l in the RBS.	ME_NodeBFunction_IubDataS treams.pmIubMacdPduRbsRec eivedBits_54	Sum	
pmIubMacdPduRbs ReceivedBits_55	ACCUMU LATION	INTE GER	Iub HS MAC- d PDU receiv ed numbe r of bits per one second interva l in the RBS.	ME_NodeBFunction_IubDataS treams.pmIubMacdPduRbsRec eivedBits_55	Sum	
pmIubMacdPduRbs ReceivedBits_56	ACCUMU LATION	INTE GER	Iub HS MAC- d PDU receiv ed numbe r of bits per one second interva l in the RBS.	ME_NodeBFunction_IubDataS treams.pmIubMacdPduRbsRec eivedBits_56	Sum	
pmIubMacdPduRbs ReceivedBits_57	ACCUMU LATION	INTE GER	Iub HS MAC-	ME_NodeBFunction_IubDataS treams.pmIubMacdPduRbsRec	Sum	

			d PDU received number of bits per one second interval in the RBS.	eivedBits_57		
pmIubMacdPduRbsReceivedBits_58	ACCUMULATION	INTEGER	Iub HS MAC-d PDU received number of bits per one second interval in the RBS.	ME_NodeBFunction_IubDataStreams.pmIubMacdPduRbsReceivedBits_58	Sum	
pmIubMacdPduRbsReceivedBits_59	ACCUMULATION	INTEGER	Iub HS MAC-d PDU received number of bits per one second interval in the RBS.	ME_NodeBFunction_IubDataStreams.pmIubMacdPduRbsReceivedBits_59	Sum	

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pmIubMacdPduRbs ReceivedBits_5	ACCUMU LATION	INTE GER	Iub HS MAC- d PDU receiv ed numbe r of bits per one second interva l in the RBS.	ME_NodeBFunction_IubDataS treams.pmIubMacdPduRbsRec eivedBits_5	Sum	
pmIubMacdPduRbs ReceivedBits_60	ACCUMU LATION	INTE GER	Iub HS MAC- d PDU receiv ed numbe r of bits per one second interva l in the RBS.	ME_NodeBFunction_IubDataS treams.pmIubMacdPduRbsRec eivedBits_60	Sum	
pmIubMacdPduRbs ReceivedBits_61	ACCUMU LATION	INTE GER	Iub HS MAC- d PDU receiv ed numbe r of bits per one second interva l in the RBS.	ME_NodeBFunction_IubDataS treams.pmIubMacdPduRbsRec eivedBits_61	Sum	
pmIubMacdPduRbs ReceivedBits_62	ACCUMU LATION	INTE GER	Iub HS MAC-	ME_NodeBFunction_IubDataS treams.pmIubMacdPduRbsRec	Sum	

			d PDU received number of bits per one second interval in the RBS.	eivedBits_62		
pmIubMacdPduRbsReceivedBits_63	ACCUMULATION	INTEGER	Iub HS MAC-d PDU received number of bits per one second interval in the RBS.	ME_NodeBFunction_IubDataStreams.pmIubMacdPduRbsReceivedBits_63	Sum	
pmIubMacdPduRbsReceivedBits_64	ACCUMULATION	INTEGER	Iub HS MAC-d PDU received number of bits per one second interval in the RBS.	ME_NodeBFunction_IubDataStreams.pmIubMacdPduRbsReceivedBits_64	Sum	

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pmIubMacdPduRbs ReceivedBits_65	ACCUMU LATION	INTE GER	Iub HS MAC- d PDU receiv ed numbe r of bits per one second interva l in the RBS.	ME_NodeBFunction_IubDataS treams.pmIubMacdPduRbsRec eivedBits_65	Sum	
pmIubMacdPduRbs ReceivedBits_66	ACCUMU LATION	INTE GER	Iub HS MAC- d PDU receiv ed numbe r of bits per one second interva l in the RBS.	ME_NodeBFunction_IubDataS treams.pmIubMacdPduRbsRec eivedBits_66	Sum	
pmIubMacdPduRbs ReceivedBits_67	ACCUMU LATION	INTE GER	Iub HS MAC- d PDU receiv ed numbe r of bits per one second interva l in the RBS.	ME_NodeBFunction_IubDataS treams.pmIubMacdPduRbsRec eivedBits_67	Sum	
pmIubMacdPduRbs ReceivedBits_68	ACCUMU LATION	INTE GER	Iub HS MAC-	ME_NodeBFunction_IubDataS treams.pmIubMacdPduRbsRec	Sum	

			d PDU received number of bits per one second interval in the RBS.	eivedBits_68		
pmIubMacdPduRbsReceivedBits_69	ACCUMULATION	INTEGER	Iub HS MAC-d PDU received number of bits per one second interval in the RBS.	ME_NodeBFunction_IubDataStreams.pmIubMacdPduRbsReceivedBits_69	Sum	
pmIubMacdPduRbsReceivedBits_6	ACCUMULATION	INTEGER	Iub HS MAC-d PDU received number of bits per one second interval in the RBS.	ME_NodeBFunction_IubDataStreams.pmIubMacdPduRbsReceivedBits_6	Sum	

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pmIubMacdPduRbs ReceivedBits_70	ACCUMU LATION	INTE GER	Iub HS MAC- d PDU receiv ed numbe r of bits per one second interva l in the RBS.	ME_NodeBFunction_IubDataS treams.pmIubMacdPduRbsRec eivedBits_70	Sum	
pmIubMacdPduRbs ReceivedBits_71	ACCUMU LATION	INTE GER	Iub HS MAC- d PDU receiv ed numbe r of bits per one second interva l in the RBS.	ME_NodeBFunction_IubDataS treams.pmIubMacdPduRbsRec eivedBits_71	Sum	
pmIubMacdPduRbs ReceivedBits_72	ACCUMU LATION	INTE GER	Iub HS MAC- d PDU receiv ed numbe r of bits per one second interva l in the RBS.	ME_NodeBFunction_IubDataS treams.pmIubMacdPduRbsRec eivedBits_72	Sum	
pmIubMacdPduRbs ReceivedBits_73	ACCUMU LATION	INTE GER	Iub HS MAC-	ME_NodeBFunction_IubDataS treams.pmIubMacdPduRbsRec	Sum	

			d PDU received number of bits per one second interval in the RBS.	eivedBits_73		
pmIubMacdPduRbsReceivedBits_74	ACCUMULATION	INTEGER	Iub HS MAC-d PDU received number of bits per one second interval in the RBS.	ME_NodeBFunction_IubDataStreams.pmIubMacdPduRbsReceivedBits_74	Sum	
pmIubMacdPduRbsReceivedBits_75	ACCUMULATION	INTEGER	Iub HS MAC-d PDU received number of bits per one second interval in the RBS.	ME_NodeBFunction_IubDataStreams.pmIubMacdPduRbsReceivedBits_75	Sum	

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pmIubMacdPduRbs ReceivedBits_76	ACCUMU LATION	INTE GER	Iub HS MAC- d PDU receiv ed numbe r of bits per one second interva l in the RBS.	ME_NodeBFunction_IubDataS treams.pmIubMacdPduRbsRec eivedBits_76	Sum	
pmIubMacdPduRbs ReceivedBits_77	ACCUMU LATION	INTE GER	Iub HS MAC- d PDU receiv ed numbe r of bits per one second interva l in the RBS.	ME_NodeBFunction_IubDataS treams.pmIubMacdPduRbsRec eivedBits_77	Sum	
pmIubMacdPduRbs ReceivedBits_78	ACCUMU LATION	INTE GER	Iub HS MAC- d PDU receiv ed numbe r of bits per one second interva l in the RBS.	ME_NodeBFunction_IubDataS treams.pmIubMacdPduRbsRec eivedBits_78	Sum	
pmIubMacdPduRbs ReceivedBits_79	ACCUMU LATION	INTE GER	Iub HS MAC-	ME_NodeBFunction_IubDataS treams.pmIubMacdPduRbsRec	Sum	

			d PDU received number of bits per one second interval in the RBS.	eivedBits_79		
pmIubMacdPduRbsReceivedBits_7	ACCUMULATION	INTEGER	Iub HS MAC-d PDU received number of bits per one second interval in the RBS.	ME_NodeBFunction_IubDataStreams.pmIubMacdPduRbsReceivedBits_7	Sum	
pmIubMacdPduRbsReceivedBits_80	ACCUMULATION	INTEGER	Iub HS MAC-d PDU received number of bits per one second interval in the RBS.	ME_NodeBFunction_IubDataStreams.pmIubMacdPduRbsReceivedBits_80	Sum	

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pmIubMacdPduRbs ReceivedBits_81	ACCUMU LATION	INTE GER	Iub HS MAC- d PDU receiv ed numbe r of bits per one second interva l in the RBS.	ME_NodeBFunction_IubDataS treams.pmIubMacdPduRbsRec eivedBits_81	Sum	
pmIubMacdPduRbs ReceivedBits_82	ACCUMU LATION	INTE GER	Iub HS MAC- d PDU receiv ed numbe r of bits per one second interva l in the RBS.	ME_NodeBFunction_IubDataS treams.pmIubMacdPduRbsRec eivedBits_82	Sum	
pmIubMacdPduRbs ReceivedBits_83	ACCUMU LATION	INTE GER	Iub HS MAC- d PDU receiv ed numbe r of bits per one second interva l in the RBS.	ME_NodeBFunction_IubDataS treams.pmIubMacdPduRbsRec eivedBits_83	Sum	
pmIubMacdPduRbs ReceivedBits_84	ACCUMU LATION	INTE GER	Iub HS MAC-	ME_NodeBFunction_IubDataS treams.pmIubMacdPduRbsRec	Sum	

			d PDU received number of bits per one second interval in the RBS.	eivedBits_84		
pmIubMacdPduRbsReceivedBits_85	ACCUMULATION	INTEGER	Iub HS MAC-d PDU received number of bits per one second interval in the RBS.	ME_NodeBFunction_IubDataStreams.pmIubMacdPduRbsReceivedBits_85	Sum	
pmIubMacdPduRbsReceivedBits_86	ACCUMULATION	INTEGER	Iub HS MAC-d PDU received number of bits per one second interval in the RBS.	ME_NodeBFunction_IubDataStreams.pmIubMacdPduRbsReceivedBits_86	Sum	

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pmIubMacdPduRbs ReceivedBits_87	ACCUMU LATION	INTE GER	Iub HS MAC- d PDU receiv ed numbe r of bits per one second interva l in the RBS.	ME_NodeBFunction_IubDataS treams.pmIubMacdPduRbsRec eivedBits_87	Sum	
pmIubMacdPduRbs ReceivedBits_88	ACCUMU LATION	INTE GER	Iub HS MAC- d PDU receiv ed numbe r of bits per one second interva l in the RBS.	ME_NodeBFunction_IubDataS treams.pmIubMacdPduRbsRec eivedBits_88	Sum	
pmIubMacdPduRbs ReceivedBits_89	ACCUMU LATION	INTE GER	Iub HS MAC- d PDU receiv ed numbe r of bits per one second interva l in the RBS.	ME_NodeBFunction_IubDataS treams.pmIubMacdPduRbsRec eivedBits_89	Sum	
pmIubMacdPduRbs ReceivedBits_8	ACCUMU LATION	INTE GER	Iub HS MAC-	ME_NodeBFunction_IubDataS treams.pmIubMacdPduRbsRec	Sum	

			d PDU received number of bits per one second interval in the RBS.	eivedBits_8		
pmIubMacdPduRbsReceivedBits_90	ACCUMULATION	INTEGER	Iub HS MAC-d PDU received number of bits per one second interval in the RBS.	ME_NodeBFunction_IubDataStreams.pmIubMacdPduRbsReceivedBits_90	Sum	
pmIubMacdPduRbsReceivedBits_91	ACCUMULATION	INTEGER	Iub HS MAC-d PDU received number of bits per one second interval in the RBS.	ME_NodeBFunction_IubDataStreams.pmIubMacdPduRbsReceivedBits_91	Sum	

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pmIubMacdPduRbs ReceivedBits_92	ACCUMU LATION	INTE GER	Iub HS MAC- d PDU receiv ed numbe r of bits per one second interva l in the RBS.	ME_NodeBFunction_IubDataS treams.pmIubMacdPduRbsRec eivedBits_92	Sum	
pmIubMacdPduRbs ReceivedBits_93	ACCUMU LATION	INTE GER	Iub HS MAC- d PDU receiv ed numbe r of bits per one second interva l in the RBS.	ME_NodeBFunction_IubDataS treams.pmIubMacdPduRbsRec eivedBits_93	Sum	
pmIubMacdPduRbs ReceivedBits_94	ACCUMU LATION	INTE GER	Iub HS MAC- d PDU receiv ed numbe r of bits per one second interva l in the RBS.	ME_NodeBFunction_IubDataS treams.pmIubMacdPduRbsRec eivedBits_94	Sum	
pmIubMacdPduRbs ReceivedBits_95	ACCUMU LATION	INTE GER	Iub HS MAC-	ME_NodeBFunction_IubDataS treams.pmIubMacdPduRbsRec	Sum	

			d PDU received number of bits per one second interval in the RBS.	eivedBits_95		
pmIubMacdPduRbsReceivedBits_96	ACCUMULATION	INTEGER	Iub HS MAC-d PDU received number of bits per one second interval in the RBS.	ME_NodeBFunction_IubDataStreams.pmIubMacdPduRbsReceivedBits_96	Sum	
pmIubMacdPduRbsReceivedBits_97	ACCUMULATION	INTEGER	Iub HS MAC-d PDU received number of bits per one second interval in the RBS.	ME_NodeBFunction_IubDataStreams.pmIubMacdPduRbsReceivedBits_97	Sum	

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pmIubMacdPduRbsReceivedBits_98	ACCUMULATION	INTEGER	Iub HS MAC-d PDU received number of bits per one second interval in the RBS.	ME_NodeBFunction_IubDataStreams.pmIubMacdPduRbsReceivedBits_98	Sum	
pmIubMacdPduRbsReceivedBits_99	ACCUMULATION	INTEGER	Iub HS MAC-d PDU received number of bits per one second interval in the RBS.	ME_NodeBFunction_IubDataStreams.pmIubMacdPduRbsReceivedBits_99	Sum	
pmIubMacdPduRbsReceivedBits_9	ACCUMULATION	INTEGER	Iub HS MAC-d PDU received number of bits per one second interval in the RBS.	ME_NodeBFunction_IubDataStreams.pmIubMacdPduRbsReceivedBits_9	Sum	

7.57.28NodeB.Ericsson.UMTS.Uplink_Pool

Uplink baseband pool utilization statistics.

KPI	Type	Data Type	Description	Derivation	Default Aggregator	Other Aggregators
pmNoOfGrantUIEstAboveLicLevel	ACCUMULATION	INT8	UL capacity granted above Lic level.	ManagedElement.pmNoOfGrantUIEstAboveLicLevel	Sum	enblbh, Sum
pmUIActPeakCapUsageInPoLicLevel	INTENSITY	INT8	The actual UL peak capacity use in the Downlink baseband pool.	ManagedElement.pmUIActPeakCapUsageInPoLicLevel	Average	Average, enblbh, Maximum, Minimum, Sum

7.58 NodeSynch Performance Indicators

This section shows the key performance indicators and other counters for the NodeSynch object, divided into the following sub-sections:

- [NodeSynch.Ericsson.UMTS.Delay_Measurements](#)

7.58.1 NodeSynch.Ericsson.UMTS.Delay_Measurements

Delay statistics on synchronisation.

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KPI	Type	Data Type	Description	Derivation	Default Aggregator	Other Aggregators
pmIubLinkDynamicDelayMax	INTENSITY	INTEGER	Maximum dynamic delay in milliseconds between the RNC and the RBS on the radio network layer.	ME_RNC_IubLink_NodeSynch.pmIubLinkDynamicDelayMax	Constant	Average, erttbh, Maximum, Minimum, Sum
pmIubLinkStaticDelay	INTENSITY	INTEGER	Monitor the lowest one-way delay in milliseconds between the RNC and RBS on the radio network layer.	ME_RNC_IubLink_NodeSynch.pmIubLinkStaticDelay	Average	Average, erttbh, Maximum, Minimum, Sum

7.59 OS155_Phys_Path_Term Performance Indicators

This section shows the key performance indicators and other counters for the OS155_Phys_Path_Term object, divided into the following sub-sections:

- [OS155_Phys_Path_Term.Ericsson.UMTS.Physical_Link](#)

7.59.1 OS155_Phys_Path_Term.Ericsson.UMTS.Physical_Link

UTRAN Physical link connection.

KPI	Type	Data Type	Description	Derivation	Default Aggregator	Other Aggregators
pmMsBbe	ACCUMULATION	INTEGER	Transmission Background Block Errors (BBE). This counter is incremented for each block with one or more errors.	RNC_155_Physical_Link.pmMsBbe or NODEB_155_Physical_Link.pmMsBbe or RXI_155_Physical_Link.pmMsBbe	Sum	erttbh, Sum
pmMsEs	ACCUMULATION	INT8	Performance monitoring counter for Multiplexer Section, MS, Error Seconds, (ES).	RNC_155_Physical_Link.pmMsEs or NODEB_155_Physical_Link.pmMsEs or RXI_155_Physical_Link.pmMsEs	Sum	erttbh, Sum
pmMsSes	ACCUMULATION	INT8	Performance monitoring counter for Multiplexer Section, MS, Severely Errored Seconds.	RNC_155_Physical_Link.pmMsSes or NODEB_155_Physical_Link.pmMsSes or RXI_155_Physical_Link.pmMsSes	Sum	erttbh, Sum
pmMsUas	ACCUMULATION	INTEGER	Transmission Unavailable Seconds (SES). The accumulated unavailable time in seconds during the interval.	RNC_155_Physical_Link.pmMsUas or NODEB_155_Physical_Link.pmMsUas or RXI_155_Physical_Link.pmMsUas	Sum	erttbh, Sum

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			Unavailable time starts when 10 consecutive SES are detected (them being part of the unavailable time) and ends when 10 consecutive non-SES are detected. This counter is incremented for each second of unavailable time			
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7.60 OSPF Performance Indicators

This section shows the key performance indicators and other counters for the OSPF object, divided into the following sub-sections:

- [OSPF.Ericsson.UMTS.OSPF_Grp](#)

7.60.1 OSPF.Ericsson.UMTS.OSPF_Grp

OSPF routing protocol counters.

KPI	Type	Data Type	Description	Derivation	Default Aggregator	Other Aggregators
pmNoOfOspfOriginateNewLsas	ACCUMULATION	INT8	Number of new link-state advertisements that have been originated This number is increased each time the router	RNC_Ospf.pmNoOfOspfOriginateNewLsas or NODEB_Ospf.pmNoOfOspfOriginateNewLsas or RXI_Ospf.pmNoOfOspfOriginateNewLsas	Sum	erttbh, Sum

			originates a new LSA.		
pmNoOfOspfRxNewLsas	ACCUMULATION	INT8	Number of link-state advertisements received determined to be new instantiations This number does not include newer instantiations of self-originated link-state advertisements.	RNC_Ospf.pmNoOfOspfRxNewLsas or NODEB_Ospf.pmNoOfOspfRxNewLsas or RXI_Ospf.pmNoOfOspfRxNewLsas	Sum erttbh, Sum

7.61 OSPF_Area Performance Indicators

This section shows the key performance indicators and other counters for the OSPF_Area object, divided into the following sub-sections:

- [OSPF_Area.Ericsson.UMTS.OSPF](#)

7.61.1 OSPF_Area.Ericsson.UMTS.OSPF

OSPF routing area counters.

KPI	Type	Data Type	Description	Derivation	Default Aggregator	Other Aggregators
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		e				
pmNoOfOspfSpfRuns	ACCUMULATION	INT8	Number of times that the intra-area route table has been calculated using this areas link-state database. This is typically done using Dijkstras algorithm.	RNC_OspfArea.pmNoOfOspfSpfRuns or NODEB_OspfArea.pmNoOfOspfSpfRuns or RXI_OspfArea.pmNoOfOspfSpfRuns	Sum	erttbh, Sum

7.62 OSPF_Interface Performance Indicators

This section shows the key performance indicators and other counters for the OSPF_Interface object, divided into the following sub-sections:

- [OSPF_Interface.Ericsson.UMTS.OSPF](#)

7.62.1 OSPF_Interface.Ericsson.UMTS.OSPF

OSPF routing protocol interface counters.

KPI	Type	Data Type	Description	Derivation	Default Aggregator	Other Aggregators
pmNoOfOspfIfEvents	ACCUMULATION	INT8	Number of times this OSPF Interface has changed its state, or an error has occurred.	RNC_OspfInterface.pmNoOfOspfIfEvents or NODEB_OspfInterface.pmNoOfOspfIfEvents or RXI_OspfInterface.pmNoOfOspfIfEvents	Sum	erttbh, Sum

7.63 PacketDataRouter Performance Indicators

This section shows the key performance indicators and other counters for the PacketDataRouter object, divided into the following sub-sections:

- [PacketDataRouter.Ericsson.UMTS.Packet_Data_Router](#)

7.63.1 PacketDataRouter.Ericsson.UMTS.Packet_Data_Router

SP processor related statistics on the PacketDataRouter.

KPI	Type	Data Type	Description	Derivation	Default Aggregator	Other Aggregators
PacketDataRab	ACCUMULATION	INTEGER	Number of samples recorded within The ROP period for Number of The active Packet data RABs for each PDR PVC link.	{pmSamplesPacketDataRab}	Sum	erttbh, Sum
pmNoFaultyIpPackets	ACCUMULATION	INTEGER	Number of faulty packets	Me_Eqpt_SpDevicePool_Pdr Device_PacketDataRouter.pm NoFaultyIpPackets	Sum	erttbh, Sum

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			RECEIVED in an individual PVC link of a Packet data router device. a faulty Packet is one which is RECEIVED with an incorrect header.		
pmNoRoutedIpBytesDI	ACCUMULATION	INTEGER	Number of routed user IP bytes DL in an individual PVC link of a Packet data router device.	Me_Eqpt_SpDevicePool_Pdr Device_PacketDataRouter.pm NoRoutedIpBytesDI	Sum erttbh, Sum
pmNoRoutedIpBytesUI	ACCUMULATION	INTEGER	Number of routed user IP bytes UL in	Me_Eqpt_SpDevicePool_Pdr Device_PacketDataRouter.pm NoRoutedIpBytesUI	Sum erttbh, Sum

			an individual PVC link of a Packet data router device.			
pmNoRoutedIpPacketsDI	ACCUMULATION	INTEGER	PVC link of a Packet data router device.	Me_Eqpt_SpDevicePool_Pdr Device_PacketDataRouter.pm NoRoutedIpPacketsDI	Sum	erttbh, Sum
pmNoRoutedIpPacketsUI	ACCUMULATION	INTEGER	Number of routed user IP packets Uplink in an individual PVC link of a Packet data router device.	Me_Eqpt_SpDevicePool_Pdr Device_PacketDataRouter.pm NoRoutedIpPacketsUI	Sum	erttbh, Sum
pmSamplesPacketDataRab	ACCUMULATION	INTEGER	Number of samples recorded	Me_Eqpt_SpDevicePool_Pdr Device_PacketDataRouter.pm SamplesPacketDataRab	Sum	erttbh, Sum

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			within The ROP period for Number of The active Packet data RABs for each PDR PVC link.		
pmSumPacketDataRab	ACCUMULATION	INTEGER	Sum of all sample values recorded for number of the active packet data RABs (per PDR PVC link), sampled once every 30 seconds.	Me_Eqpt_SpDevicePool_Pdr Device_PacketDataRouter.pm SumPacketDataRab	erttbh, Sum

7.64 Pcap Performance Indicators

This section shows the key performance indicators and other counters for the Pcap object, divided into the following sub-sections:

- [Pcap.Ericsson.UMTS.Pcap_measurements](#)

7.64.1 Pcap.Ericsson.UMTS.Pcap_measurements

Measurements relating to the transport for the Iupc interface

KPI	Type	Data Type	Description	Derivation	Default Aggregator	Other Aggregators
pmNoPcapPosActReq	ACCUMULATION	INTEGER	Number of POSITION ACTIVATION REQUEST messages received by the RNC over PCAP.	ME_RncFunction_SasPositioning_Pcap.pmNoPcapPosActReq	Sum	erttbh
pmNoPcapPosActResp	ACCUMULATION	INTEGER	Number of POSITION ACTIVATION RESPONSE messages sent by the RNC over PCAP	ME_RncFunction_SasPositioning_Pcap.pmNoPcapPosActResp	Sum	erttbh
pmNoPcapPosIniReq	ACCUMULATION	INTEGER	Number of POSITION INITIATION REQUEST messages sent by the RNC over PCAP.	ME_RncFunction_SasPositioning_Pcap.pmNoPcapPosIniReq	Sum	erttbh
pmNoPcapPosIniResp	ACCUMULATION	INTEGER	Number of POSITION	ME_RncFunction_SasPositioning_Pcap.p	Sum	erttbh

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			INITIATION RESPONSE messages received by the RNC over PCAP.	mNoPcapPosIniResp		
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7.65 PDR_SP_Device Performance Indicators

This section shows the key performance indicators and other counters for the PDR_SP_Device object, divided into the following sub-sections:

- [PDR_SP_Device.Ericsson.UMTS.SP_Processor_Load](#)

7.65.1 PDR_SP_Device.Ericsson.UMTS.SP_Processor_Load

The statistics for SP Device Pool - PDR.

KPI	Type	Data Type	Description	Derivation	Default Aggregator	Other Aggregators
AvgPdrSpLoad	PERCENTAGE	FLOAT	The averaged measured load on The PDR SP	$100 * \frac{\{pmSumMeasuredPdrSpLoad\}}{\{pmSamplesMeasuredPdrSpLoad\}}$	Average	Average, erttbh
pmSamplesMeasuredPdrSpLoad	ACCUMULATION	INTEGER	Number of samples recorded within the ROP period for -Level of the	Me_Eqpt_SpDevicePool_PdrDevice.pmSamplesMeasuredPdrSpLoad	Sum	erttbh, Sum

			average d measur ed load on the PDR SP-			
pmSumMeasuredPdr SpLoad	ACCUMUL ATION	INTE GER	Sum of all sample values recorde d for -Level of the average d measur ed load on the PDR SP-	Me_Eqpt_SpDevicePool_Pd rDevice.pmSumMeasuredP drSpLoad	Sum	erttbh, Sum

7.66 Plug_In_Unit Performance Indicators

This section shows the key performance indicators and other counters for the Plug_In_Unit object, divided into the following sub-sections:

- [Plug_In_Unit.Ericsson.UMTS.Load_Control](#)
- [Plug_In_Unit.Ericsson.UMTS.RNC_Processor_Load](#)
- [Plug_In_Unit.Ericsson.UMTS.SP_Processor_Load.CC](#)
- [Plug_In_Unit.Ericsson.UMTS.SP_Processor_Load.DC](#)

7.66.1 Plug_In_Unit.Ericsson.UMTS.Load_Control

-Obsolete in P5- UTRAN radio network controller processor load control unit.

KPI	Type	Data Type	Description	Derivation	Default Aggreg ator	Other Aggrega tors
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		pe				
pmAdmittedRequestsB0	ACCUMULATION	INT8	- Obsolete in P5, replaced in Load_Control_Unit-Number of admitted requests with priority B0.	NODEB_PIU_GeneralProcessorUnit_LoadControl.pmAdmittedRequestsB0 or RNC_PIU_GeneralProcessorUnit_LoadControl.pmAdmittedRequestsB0 or RXI_PIU_GeneralProcessorUnit_LoadControl.pmAdmittedRequestsB0	Sum	erttbh, Sum
pmAdmittedRequestsB1	ACCUMULATION	INT8	- Obsolete in P5, replaced in Load_Control_Unit-Number of admitted requests with priority B1.	NODEB_PIU_GeneralProcessorUnit_LoadControl.pmAdmittedRequestsB1 or RNC_PIU_GeneralProcessorUnit_LoadControl.pmAdmittedRequestsB1 or RXI_PIU_GeneralProcessorUnit_LoadControl.pmAdmittedRequestsB1	Sum	erttbh, Sum
pmAdmittedRequestsF0	ACCUMULATION	INT8	- Obsolete in P5, replaced in Load_Control_Unit-Number of admitted requests with	NODEB_PIU_GeneralProcessorUnit_LoadControl.pmAdmittedRequestsF0 or RNC_PIU_GeneralProcessorUnit_LoadControl.pmAdmittedRequestsF0 or RXI_PIU_GeneralProcessorUnit_LoadControl.pmAdmittedRequestsF0	Sum	erttbh, Sum

			priority F0.			
pmAdmittedRequestsF1	ACCUMULATION	INT8	- Obsolete in P5, replaced in Load_Control_Unit- Number of admitted requests with priority F1.	NODEB_PIU_GeneralProcessorUnit_LoadControl.pmAdmittedRequestsF1 or RNC_PIU_GeneralProcessorUnit_LoadControl.pmAdmittedRequestsF1 or RXI_PIU_GeneralProcessorUnit_LoadControl.pmAdmittedRequestsF1	Sum	erttbh, Sum
pmAdmittedRequestsF2	ACCUMULATION	INT8	- Obsolete in P5, replaced in Load_Control_Unit- Number of admitted requests with priority F2.	NODEB_PIU_GeneralProcessorUnit_LoadControl.pmAdmittedRequestsF2 or RNC_PIU_GeneralProcessorUnit_LoadControl.pmAdmittedRequestsF2 or RXI_PIU_GeneralProcessorUnit_LoadControl.pmAdmittedRequestsF2	Sum	erttbh, Sum
pmAdmittedRequestsF3	ACCUMULATION	INT8	- Obsolete in P5, replaced in Load_Control_Unit	NODEB_PIU_GeneralProcessorUnit_LoadControl.pmAdmittedRequestsF3 or RNC_PIU_GeneralProcessorUnit_LoadControl.pmAdmittedRequestsF3 or RXI_PIU_GeneralProcessor	Sum	erttbh, Sum

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			nit-Number of admitted requests with priority F3.	Unit_LoadControl.pmAdmittedRequestsF3		
pmAdmittedRequestsF4	ACCUMULATION	INT8	- Obsolete in P5, replaced in Load_Control_Unit_nit-Number of admitted requests with priority F4.	NODEB_PIU_GeneralProcessorUnit_LoadControl.pmAdmittedRequestsF4 or RNC_PIU_GeneralProcessorUnit_LoadControl.pmAdmittedRequestsF4 or RXI_PIU_GeneralProcessorUnit_LoadControl.pmAdmittedRequestsF4	Sum	erttbh, Sum
pmRefusedRequestsB0	ACCUMULATION	INT8	- Obsolete in P5, replaced in Load_Control_Unit_nit-Number of admitted requests with priority B0.	NODEB_PIU_GeneralProcessorUnit_LoadControl.pmRefusedRequestsB0 or RNC_PIU_GeneralProcessorUnit_LoadControl.pmRefusedRequestsB0 or RXI_PIU_GeneralProcessorUnit_LoadControl.pmRefusedRequestsB0	Sum	erttbh, Sum
pmRefusedRequestsB1	ACCUMULATION	INT8	- Obsolete in P5, replaced in Load_Control_Unit_nit-Number of admitted requests with priority B1.	NODEB_PIU_GeneralProcessorUnit_LoadControl.pmRefusedRequestsB1 or RNC_PIU_GeneralProcessorUnit_LoadControl.pmRefusedRequestsB1 or RXI_PIU_GeneralProcessorUnit_LoadControl.pmRefusedRequestsB1	Sum	erttbh, Sum

			ontrol_U nit- Number of admitted requests with priority B1.	RXI_PIU_GeneralProcessor Unit_LoadControl.pmRefus edRequestsB1		
pmRefusedReques tsF0	ACCUMULA TION	INT8	- Obsolete in P5, replaced in Load_C ontrol_U nit- Number of admitted requests with priority F0.	NODEB_PIU_GeneralProce ssorUnit_LoadControl.pmR efusedRequestsF0 or RNC_PIU_GeneralProcesso rUnit_LoadControl.pmRefu sedRequestsF0 or RXI_PIU_GeneralProcessor Unit_LoadControl.pmRefus edRequestsF0	Sum	erttbh, Sum
pmRefusedReques tsF1	ACCUMULA TION	INT8	- Obsolete in P5, replaced in Load_C ontrol_U nit- Number of admitted requests with priority F1.	NODEB_PIU_GeneralProce ssorUnit_LoadControl.pmR efusedRequestsF1 or RNC_PIU_GeneralProcesso rUnit_LoadControl.pmRefu sedRequestsF1 or RXI_PIU_GeneralProcessor Unit_LoadControl.pmRefus edRequestsF1	Sum	erttbh, Sum

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pmRefusedRequestsF2	ACCUMULATION	INT8	- Obsolete in P5, replaced in Load_Control_Unit- Number of admitted requests with priority F2.	NODEB_PIU_GeneralProcessorUnit_LoadControl.pmRefusedRequestsF2 or RNC_PIU_GeneralProcessorUnit_LoadControl.pmRefusedRequestsF2 or RXI_PIU_GeneralProcessorUnit_LoadControl.pmRefusedRequestsF2	Sum	erttbh, Sum
pmRefusedRequestsF3	ACCUMULATION	INT8	- Obsolete in P5, replaced in Load_Control_Unit- Number of admitted requests with priority F3.	NODEB_PIU_GeneralProcessorUnit_LoadControl.pmRefusedRequestsF3 or RNC_PIU_GeneralProcessorUnit_LoadControl.pmRefusedRequestsF3 or RXI_PIU_GeneralProcessorUnit_LoadControl.pmRefusedRequestsF3	Sum	erttbh, Sum
pmRefusedRequestsF4	ACCUMULATION	INT8	- Obsolete in P5, replaced in Load_Control_Unit- Number of admitted requests with priority F4.	NODEB_PIU_GeneralProcessorUnit_LoadControl.pmRefusedRequestsF4 or RNC_PIU_GeneralProcessorUnit_LoadControl.pmRefusedRequestsF4 or RXI_PIU_GeneralProcessorUnit_LoadControl.pmRefusedRequestsF4	Sum	erttbh, Sum

pmSamplesMeasuredLoad	ACCUMULATION	INT8	- Obsolete in P5, replaced in Load_Control_Unit-This counter is incremented by 1 at every sample of the processor load. The processor load is sampled once every 30 seconds.	NODEB_PIU_GeneralProcessorUnit_LoadControl.pmSamplesMeasuredLoad or RNC_PIU_GeneralProcessorUnit_LoadControl.pmSamplesMeasuredLoad or RXI_PIU_GeneralProcessorUnit_LoadControl.pmSamplesMeasuredLoad	Sum	erttbh, Sum
pmSumMeasuredLoad	INTENSITY	INT8	- Obsolete in P5, replaced in Load_Control_Unit-The sum of samples of the measured load. The load is	NODEB_PIU_GeneralProcessorUnit_LoadControl.pmSumMeasuredLoad or RNC_PIU_GeneralProcessorUnit_LoadControl.pmSumMeasuredLoad or RXI_PIU_GeneralProcessorUnit_LoadControl.pmSumMeasuredLoad	Average	erttbh, Sum, Minimum, Maximum

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			measured in percentage.		
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7.66.2 Plug_In_Unit.Ericsson.UMTS.RNC_Processor_Load

UTRAN radio network controller processor load.

KPI	Type	Data Type	Description	Derivation	Default Aggregator	Other Aggregators
pmProcessorLoad	INTENSITY	FLOAT	CPU load based on OSE function The value is stated in percentage.	RNC_Plug_In_Unit.pmProcessorLoad or RXI_Plug_In_Unit.pmProcessorLoad or NODEB_Plug_In_Unit.pmProcessorLoad	Average	Average, erttbh, Maximum, Minimum, Sum

7.66.3 Plug_In_Unit.Ericsson.UMTS.SP_Processor_Load.CC

-Obsolete in P6- CC SP processor related statistics.

KPI	Type	Data Type	Description	Derivation	Default Aggregator	Other Aggregators
AvgCcSpLoad	PERCENTAGE	FLOAT	- Obsolete in P6- Level of the average measured load on the CC SP	$100 * \frac{\{pmSumMeasuredCcSpLoad\}}{\{pmSamplesMeasuredCcSpLoad\}}$	Average	Average, erttbh
pmSamplesMeasuredCcSpLoad	ACCUMULATION	INT8	- Obsolete in P6- Number of samples recorded	ME_Eqpt_Subrack_Slot_PlugInUnit_SpbDvGrp_CcDevice.pmSamplesMeasuredCcSpLoad	Sum	erttbh, Sum

			d within the ROP period for "Level of the averaged measured load on the CC SP"			
pmSumMeasuredCcSpLoad	ACCUMULATION	INT8	- Obsolete in P6- Sum of all sample values recorded for "Level of the averaged measured load on the CC SP"	ME_Eqpt_Subrack_Slot_PlugInUnit_SpbDvGrp_CcDevice.pmSumMeasuredCcSpLoad	Sum	erttbh, Sum

7.66.4 Plug_In_Unit.Ericsson.UMTS.SP_Processor_Load.DC

-Obsolete in P6- DC SP processor related statistics.

KPI	Type	Data Type	Description	Derivation	Default Aggregator	Other Aggregators
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AvgDcSpLoad	PERCENTAGE	FLOAT	- Obsolete in P6-Level of the averaged measured load on the DC SP	100 * {pmSumMeasuredDcSpLoad}/ {pmSamplesMeasuredDcSpLoad}	Average	Average, erttbh
pmSamplesMeasuredDcSpLoad	ACCUMULATION	INT8	- Obsolete in P6-Number of samples recorded within the ROP period for "Level of the averaged measured load on the DC SP"	ME_Eqpt_Subrack_Slot_PlugInUnit_SpbDvGrp_DcDevice.pmSamplesMeasuredDcSpLoad	Sum	erttbh, Sum
pmSumMeasuredDcSpLoad	ACCUMULATION	INT8	- Obsolete in P6-Sum of all sample values recorded for "Level of the average	ME_Eqpt_Subrack_Slot_PlugInUnit_SpbDvGrp_DcDevice.pmSumMeasuredDcSpLoad	Sum	erttbh, Sum

			d measur ed load on the DC SP"		
--	--	--	--	--	--

7.67 PositioningServiceClass Performance Indicators

This section shows the key performance indicators and other counters for the PositioningServiceClass object, divided into the following sub-sections:

- [PositioningServiceClass.Ericsson.UMTS.Positioning_Statistics](#)

7.67.1 PositioningServiceClass.Ericsson.UMTS.Positioning_Statistics

Positioning statistics.

KPI	Type	Data Type	Description	Derivation	Default Aggregator	Other Aggregators
pmAgpsAttempt	ACCUMULATION	INTEGER	The counter is stepped when an A_GPS positioning attempt is started.	ME_RNC_UePost_PositioningServiceClass.pmAgpsAttempt	Sum	erttbh, Sum
pmAgpsSuccQoSNotOk	ACCUMULATION	INTEGER	The counter is stepped when an A-	ME_RNC_UePost_PositioningServiceClass.pmAgpsSuccQoSNotOk	Sum	erttbh, Sum

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			GPS positioning attempt is successfully completed, with a QoS that Does not meet the requested QoS.			
pmAgpsSuccQoSOk	ACCUMULATION	INTEGER	The counter is stepped when an A-GPS Positioning attempt is successfully completed, with a QoS that meets the requested QoS.	ME_RNC_UePost_PositioningServiceClass.pmAgpsSuccQoSOk	Sum	erttbh, Sum
pmCellIdAttempt	ACCUMULATION	INTEGER	The counter is	ME_RNC_UePost_PositioningServiceClass.pmCellIdAttempt	Sum	erttbh, Sum

			stepped when a cell ID positioning attempt is started.			
pmCellIdSuccQosNotOk	ACCUMULATION	INTEGER	The counter is stepped when a cell ID positioning attempt is successfully completed, with a QoS that does not meet the requested QoS.	ME_RNC_UePost_PositioningServiceClass.pmCellIdSuccQosNotOk	Sum	erttbh, Sum
pmCellIdSuccQosOk	ACCUMULATION	INTEGER	The counter is stepped when a cell ID positioning	ME_RNC_UePost_PositioningServiceClass.pmCellIdSuccQosOk	Sum	erttbh, Sum

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			attempt is successfully completed, with a QoS that meets the requested QoS.			
pmRttAttempt	ACCUMULATION	INTEGER	The counter is stepped when an RTT positioning attempt is started.	ME_RNC_UePost_PositioningServiceClass.pmRttAttempt	Sum	erttbh, Sum
pmRttSuccQosNotOk	ACCUMULATION	INTEGER	The counter is stepped when an RTT positioning attempt is successfully completed, with a QoS that does not meet	ME_RNC_UePost_PositioningServiceClass.pmRttSuccQosNotOk	Sum	erttbh, Sum

			the requested QoS.			
pmRttSuccQosOk	ACCUMULATION	INTEGER	The counter is stepped when an RTT positioning attempt is successfully completed, with a QoS that meets the requested QoS.	ME_RNC_UePost_PositioningServiceClass.pmRttSuccQosOk	Sum	erttbh, Sum

7.68 PVC Performance Indicators

This section shows the key performance indicators and other counters for the PVC object, divided into the following sub-sections:

- [PVC.Ericsson.UMTS.packet_data_router](#)
- [PVC.Ericsson.UMTS.SP_Processor_Load](#)

7.68.1 PVC.Ericsson.UMTS.packet_data_router

-Obsolete in P6- This group is also known as rnc_pvc.ericsson.umts.packet_data_router.

KPI	Type	Da	Descrip	Derivation	Default	Other
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		ta Ty pe	tion		Aggreg ator	Aggrega tors
packetdatarab	ACCUMULATION	INT8	- Obsolete in P6- Number of samples recorded within the ROP period for number of the active packet data RABs for each PDR PVC link.	{pmsamplespacketdatarab}	Sum	erttbh, Sum
pmnofaultyippackets	ACCUMULATION	INT8	- Obsolete in P6- Number of faulty packets received in an individual PVC link of a packet data router device. A faulty packet is one which is	ME_RncFunction_RncModule_PacketDataRouter.pmNoFaultyIppackets	Sum	erttbh, Sum

			received with an incorrect header.			
pmnoroutedipbytesdl	ACCUMULATION	INT8	- Obsolete in P6- Number of routed user IP bytes DL in an individual PVC link of a packet data router device.	ME_RncFunction_RncModule_PacketDataRouter.pmNoRoutedIpBytesDl	Sum	erttbh, Sum
pmnoroutedipbytesul	ACCUMULATION	INT8	- Obsolete in P6- Number of routed user IP bytes UL in an individual PVC link of a packet data router device.	ME_RncFunction_RncModule_PacketDataRouter.pmNoRoutedIpBytesUl	Sum	erttbh, Sum

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pmnoroutedippacketsdl	ACCUMULATION	INT8	- Obsolete in P6-PVC link of a packet data router device.	ME_RncFunction_RncModule_PacketDataRouter.pmNoRoutedIpPacketsDI	Sum	erttbh, Sum
pmnoroutedippacketsul	ACCUMULATION	INT8	- Obsolete in P6-Number of routed user IP packets uplink in an individual PVC link of a packet data router device.	ME_RncFunction_RncModule_PacketDataRouter.pmNoRoutedIpPacketsUI	Sum	erttbh, Sum
pmsamplespacketsdatarab	ACCUMULATION	INT8	- Obsolete in P6-Number of samples recorded within the ROP period for number of the active packet data RABs for each	ME_RncFunction_RncModule_PacketDataRouter.pmSamplesPacketDataRab	Sum	erttbh, Sum

			PDR PVC link.			
pmsumpacketdat arab	ACCUMULATION	INT8	- Obsolete in P6- Sum of all sample values recorded for number of the active packet data RABs (per PDR PVC link), sampled once every 30 seconds .	ME_RncFunction_RncModule_PacketDataRouter.pmSumPacketDataRab	Sum	erttbh, Sum

7.68.2 PVC.Ericsson.UMTS.SP_Processor_Load

-Obsolete in P6- SP processor related statistics.

KPI	Type	Data Type	Description	Derivation	Default Aggregator	Other Aggregators
AvgPdrSpLoad	PERCENTAGE	FLOAT	- Obsolete	100 * {pmSumMeasuredPdrSpLoa	Average	Average , erttbh

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			e in P6- Level of the average d measur ed load on the PDR SP	d}/ {pmSamplesMeasuredPdrSp Load}		
pmSamplesMeasured PdrSpLoad	ACCUMUL ATION	INT 8	- Obsolet e in P6- Numbe r of sampl es recorde d within the ROP period for "Level of the average d measur ed load on the PDR SP"	ManagedElement_RncFunci on_PdrDevice.pmSamplesM easuredPdrSpLoad	Sum	erttbh, Sum
pmSumMeasuredPdr SpLoad	ACCUMUL ATION	INT 8	- Obsolet e in P6- Sum of all sampl e values recorde d for "Level of the average	ManagedElement_RncFunci on_PdrDevice.pmSumMeas uredPdrSpLoad	Sum	erttbh, Sum

			d measur ed load on the PDR SP"		
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7.69 Radio_Link Performance Indicators

This section shows the key performance indicators and other counters for the Radio_Link object, divided into the following sub-sections:

- [Radio_Link.Ericsson.UMTS.PDF_pmAverageSirError](#)
- [Radio_Link.Ericsson.UMTS.PDF_pmAverageSir](#)
- [Radio_Link.Ericsson.UMTS.PDF_pmBranchDeltaSir](#)
- [Radio_Link.Ericsson.UMTS.PDF_pmDpccBer](#)
- [Radio_Link.Ericsson.UMTS.PDF_pmDpchCodePowerSf128](#)
- [Radio_Link.Ericsson.UMTS.PDF_pmDpchCodePowerSf16](#)
- [Radio_Link.Ericsson.UMTS.PDF_pmDpchCodePowerSf256](#)
- [Radio_Link.Ericsson.UMTS.PDF_pmDpchCodePowerSf32](#)
- [Radio_Link.Ericsson.UMTS.PDF_pmDpchCodePowerSf4](#)
- [Radio_Link.Ericsson.UMTS.PDF_pmDpchCodePowerSf64](#)
- [Radio_Link.Ericsson.UMTS.PDF_pmDpchCodePowerSf8](#)
- [Radio_Link.Ericsson.UMTS.PDF_pmDpdchBer](#)
- [Radio_Link.Ericsson.UMTS.PDF_pmOutOfSynch](#)
- [Radio_Link.Ericsson.UMTS.PDF_pmUISynchTime](#)
- [Radio_Link.Ericsson.UMTS.PDF_pmUISynchTimeSHO](#)
- [Radio_Link.Ericsson.UMTS.Power](#)
- [Radio_Link.Ericsson.UMTS.State_Transitions](#)
- [Radio_Link.Ericsson.UMTS.Synchronisation](#)

7.69.1 Radio_Link.Ericsson.UMTS.PDF_pmAverageSirError

pmAverageSirError PDF counters

KPI	Type	Data Type	Description	Derivation	Default Aggregator	Other Aggregators
pmAverageSirError_0	ACCUMULATION	INTEGER	The average	ME_NodeBFunction_Carrier_RadioLinks.pmA	Sum	

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			SIR error on DPCCH physical channel. SIR error is the difference between the measured SIR and SIR target.	verageSirError_0		
pmAverageSirError_10	ACCUMULATION	INTEGER	The average SIR error on DPCCH physical channel. SIR error is the difference between the measured SIR and SIR target.	ME_NodeBFunction_Carrier_RadioLinks.pmAverageSirError_10	Sum	
pmAverageSirError_11	ACCUMULATION	INTEGER	The average SIR error on DPCCH physical channel. SIR error is the difference between the measured SIR and SIR target.	ME_NodeBFunction_Carrier_RadioLinks.pmAverageSirError_11	Sum	
pmAverageSirError_12	ACCUMULATION	INTEGER	The average SIR error on DPCCH	ME_NodeBFunction_Carrier_RadioLinks.pmAverageSirError_12	Sum	

			physical channel. SIR error is the difference between the measured SIR and SIR target.			
pmAverageSirError_13	ACCUMULATION	INTEGER	The average SIR error on DPCCH physical channel. SIR error is the difference between the measured SIR and SIR target.	ME_NodeBFunction_Carrier_RadioLinks.pmAverageSirError_13	Sum	
pmAverageSirError_14	ACCUMULATION	INTEGER	The average SIR error on DPCCH physical channel. SIR error is the difference between the measured SIR and SIR target.	ME_NodeBFunction_Carrier_RadioLinks.pmAverageSirError_14	Sum	
pmAverageSirError	ACCUMULATION	INTEGER	The	ME_NodeBFunction_C	Sum	

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rror_15	TION	ER	average SIR error on DPCCH physical channel. SIR error is the difference between the measured SIR and SIR target.	carrier_RadioLinks.pMAverageSirError_15		
pmAverageSirError_16	ACCUMULATION	INTEGER	The average SIR error on DPCCH physical channel. SIR error is the difference between the measured SIR and SIR target.	ME_NodeBFunction_Carrier_RadioLinks.pMAverageSirError_16	Sum	
pmAverageSirError_17	ACCUMULATION	INTEGER	The average SIR error on DPCCH physical channel. SIR error is the difference between the measured SIR and SIR target.	ME_NodeBFunction_Carrier_RadioLinks.pMAverageSirError_17	Sum	
pmAverageSirError_18	ACCUMULATION	INTEGER	The average SIR error	ME_NodeBFunction_Carrier_RadioLinks.pMAverageSirError_18	Sum	

			on DPCCH physical channel. SIR error is the difference between the measured SIR and SIR target.		
pmAverageSirError_19	ACCUMULATION	INTEGER	The average SIR error on DPCCH physical channel. SIR error is the difference between the measured SIR and SIR target.	ME_NodeBFunction_Carrier_RadioLinks.pmAverageSirError_19	Sum
pmAverageSirError_1	ACCUMULATION	INTEGER	The average SIR error on DPCCH physical channel. SIR error is the difference between the measured SIR and SIR target.	ME_NodeBFunction_Carrier_RadioLinks.pmAverageSirError_1	Sum

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pmAverageSirError_20	ACCUMULATION	INTEGER	The average SIR error on DPCCH physical channel. SIR error is the difference between the measured SIR and SIR target.	ME_NodeBFunction_Carrier_RadioLinks.pmAverageSirError_20	Sum	
pmAverageSirError_21	ACCUMULATION	INTEGER	The average SIR error on DPCCH physical channel. SIR error is the difference between the measured SIR and SIR target.	ME_NodeBFunction_Carrier_RadioLinks.pmAverageSirError_21	Sum	
pmAverageSirError_22	ACCUMULATION	INTEGER	The average SIR error on DPCCH physical channel. SIR error is the difference between the measured SIR and SIR target.	ME_NodeBFunction_Carrier_RadioLinks.pmAverageSirError_22	Sum	
pmAverageSirError_23	ACCUMULATION	INTEGER	The average	ME_NodeBFunction_Carrier_RadioLinks.pmA	Sum	

			SIR error on DPCCH physical channel. SIR error is the difference between the measured SIR and SIR target.	verageSirError_23		
pmAverageSirError_24	ACCUMULATION	INTEGER	The average SIR error on DPCCH physical channel. SIR error is the difference between the measured SIR and SIR target.	ME_NodeBFunction_Carrier_RadioLinks.pmAverageSirError_24	Sum	
pmAverageSirError_25	ACCUMULATION	INTEGER	The average SIR error on DPCCH physical channel. SIR error is the difference between the measured SIR and SIR target.	ME_NodeBFunction_Carrier_RadioLinks.pmAverageSirError_25	Sum	

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pmAverageSirError_26	ACCUMULATION	INTEGER	The average SIR error on DPCCH physical channel. SIR error is the difference between the measured SIR and SIR target.	ME_NodeBFunction_Carrier_RadioLinks.pmAverageSirError_26	Sum	
pmAverageSirError_27	ACCUMULATION	INTEGER	The average SIR error on DPCCH physical channel. SIR error is the difference between the measured SIR and SIR target.	ME_NodeBFunction_Carrier_RadioLinks.pmAverageSirError_27	Sum	
pmAverageSirError_28	ACCUMULATION	INTEGER	The average SIR error on DPCCH physical channel. SIR error is the difference between the measured SIR and SIR target.	ME_NodeBFunction_Carrier_RadioLinks.pmAverageSirError_28	Sum	
pmAverageSirError_29	ACCUMULATION	INTEGER	The average	ME_NodeBFunction_Carrier_RadioLinks.pmA	Sum	

			SIR error on DPCCH physical channel. SIR error is the difference between the measured SIR and SIR target.	verageSirError_29		
pmAverageSirError_2	ACCUMULATION	INTEGER	The average SIR error on DPCCH physical channel. SIR error is the difference between the measured SIR and SIR target.	ME_NodeBFunction_Carrier_RadioLinks.pmAverageSirError_2	Sum	
pmAverageSirError_30	ACCUMULATION	INTEGER	The average SIR error on DPCCH physical channel. SIR error is the difference between the measured SIR and SIR target.	ME_NodeBFunction_Carrier_RadioLinks.pmAverageSirError_30	Sum	

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pmAverageSirError_31	ACCUMULATION	INTEGER	The average SIR error on DPCCH physical channel. SIR error is the difference between the measured SIR and SIR target.	ME_NodeBFunction_Carrier_RadioLinks.pmAverageSirError_31	Sum	
pmAverageSirError_32	ACCUMULATION	INTEGER	The average SIR error on DPCCH physical channel. SIR error is the difference between the measured SIR and SIR target.	ME_NodeBFunction_Carrier_RadioLinks.pmAverageSirError_32	Sum	
pmAverageSirError_33	ACCUMULATION	INTEGER	The average SIR error on DPCCH physical channel. SIR error is the difference between the measured SIR and SIR target.	ME_NodeBFunction_Carrier_RadioLinks.pmAverageSirError_33	Sum	
pmAverageSirError_34	ACCUMULATION	INTEGER	The average	ME_NodeBFunction_Carrier_RadioLinks.pmA	Sum	

			SIR error on DPCCH physical channel. SIR error is the difference between the measured SIR and SIR target.	verageSirError_34		
pmAverageSirError_35	ACCUMULATION	INTEGER	The average SIR error on DPCCH physical channel. SIR error is the difference between the measured SIR and SIR target.	ME_NodeBFunction_Carrier_RadioLinks.pmAverageSirError_35	Sum	
pmAverageSirError_36	ACCUMULATION	INTEGER	The average SIR error on DPCCH physical channel. SIR error is the difference between the measured SIR and SIR target.	ME_NodeBFunction_Carrier_RadioLinks.pmAverageSirError_36	Sum	

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pmAverageSirError_37	ACCUMULATION	INTEGER	The average SIR error on DPCCH physical channel. SIR error is the difference between the measured SIR and SIR target.	ME_NodeBFunction_Carrier_RadioLinks.pmAverageSirError_37	Sum	
pmAverageSirError_38	ACCUMULATION	INTEGER	The average SIR error on DPCCH physical channel. SIR error is the difference between the measured SIR and SIR target.	ME_NodeBFunction_Carrier_RadioLinks.pmAverageSirError_38	Sum	
pmAverageSirError_39	ACCUMULATION	INTEGER	The average SIR error on DPCCH physical channel. SIR error is the difference between the measured SIR and SIR target.	ME_NodeBFunction_Carrier_RadioLinks.pmAverageSirError_39	Sum	
pmAverageSirError_3	ACCUMULATION	INTEGER	The average	ME_NodeBFunction_Carrier_RadioLinks.pmA	Sum	

			SIR error on DPCCH physical channel. SIR error is the difference between the measured SIR and SIR target.	verageSirError_3		
pmAverageSirError_40	ACCUMULATION	INTEGER	The average SIR error on DPCCH physical channel. SIR error is the difference between the measured SIR and SIR target.	ME_NodeBFunction_Carrier_RadioLinks.pmAverageSirError_40	Sum	
pmAverageSirError_41	ACCUMULATION	INTEGER	The average SIR error on DPCCH physical channel. SIR error is the difference between the measured SIR and SIR target.	ME_NodeBFunction_Carrier_RadioLinks.pmAverageSirError_41	Sum	

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pmAverageSirError_4	ACCUMULATION	INTEGER	The average SIR error on DPCCH physical channel. SIR error is the difference between the measured SIR and SIR target.	ME_NodeBFunction_Carrier_RadioLinks.pmAverageSirError_4	Sum	
pmAverageSirError_5	ACCUMULATION	INTEGER	The average SIR error on DPCCH physical channel. SIR error is the difference between the measured SIR and SIR target.	ME_NodeBFunction_Carrier_RadioLinks.pmAverageSirError_5	Sum	
pmAverageSirError_6	ACCUMULATION	INTEGER	The average SIR error on DPCCH physical channel. SIR error is the difference between the measured SIR and SIR target.	ME_NodeBFunction_Carrier_RadioLinks.pmAverageSirError_6	Sum	
pmAverageSirError_7	ACCUMULATION	INTEGER	The average	ME_NodeBFunction_Carrier_RadioLinks.pmA	Sum	

			SIR error on DPCCH physical channel. SIR error is the difference between the measured SIR and SIR target.	verageSirError_7		
pmAverageSirError_8	ACCUMULATION	INTEGER	The average SIR error on DPCCH physical channel. SIR error is the difference between the measured SIR and SIR target.	ME_NodeBFunction_Carrier_RadioLinks.pmAverageSirError_8	Sum	
pmAverageSirError_9	ACCUMULATION	INTEGER	The average SIR error on DPCCH physical channel. SIR error is the difference between the measured SIR and SIR target.	ME_NodeBFunction_Carrier_RadioLinks.pmAverageSirError_9	Sum	

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7.69.2 Radio_Link.Ericsson.UMTS.PDF_pmAverageSir

pmAverageSir PDF counters

KPI	Type	Data Type	Description	Derivation	Default Aggregator	Other Aggregators
pmAverageSir_0	ACCUMULATION	INTEGER	The average SIR on DPCCH physical channel. Measurement is performed on RadioLinkSet not on RadioLink - ie after RadioLink combination in UpLink.	ME_NodeBFunction_Carrier_RadioLinks.p mAverageSir_0	Sum	
pmAverageSir_10	ACCUMULATION	INTEGER	The average SIR on DPCCH physical channel. Measurement is performed on RadioLinkSet not on RadioLink - ie after RadioLink combination in UpLink.	ME_NodeBFunction_Carrier_RadioLinks.p mAverageSir_10	Sum	
pmAverageSir_11	ACCUMULATION	INTEGER	The average SIR on DPCCH physical channel. Measurement	ME_NodeBFunction_Carrier_RadioLinks.p mAverageSir_11	Sum	

			is performed on RadioLinkSet not on RadioLink - ie after RadioLink combination in UpLink.			
pmAverageSir_12	ACCUMULATION	INTEGER	The average SIR on DPCCH physical channel. Measurement is performed on RadioLinkSet not on RadioLink - ie after RadioLink combination in UpLink.	ME_NodeBFunction_Carrier_RadioLinks.p mAverageSir_12	Sum	
pmAverageSir_13	ACCUMULATION	INTEGER	The average SIR on DPCCH physical channel. Measurement is performed on RadioLinkSet not on RadioLink - ie after RadioLink combination in UpLink.	ME_NodeBFunction_Carrier_RadioLinks.p mAverageSir_13	Sum	

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pmAverageSir_14	ACCUMULATION	INTEGER	The average SIR on DPCCH physical channel. Measurement is performed on RadioLinkSet not on RadioLink - ie after RadioLink combination in UpLink.	ME_NodeBFunction_Carrier_RadioLinks.p mAverageSir_14	Sum	
pmAverageSir_15	ACCUMULATION	INTEGER	The average SIR on DPCCH physical channel. Measurement is performed on RadioLinkSet not on RadioLink - ie after RadioLink combination in UpLink.	ME_NodeBFunction_Carrier_RadioLinks.p mAverageSir_15	Sum	
pmAverageSir_16	ACCUMULATION	INTEGER	The average SIR on DPCCH physical channel. Measurement is performed on RadioLinkSet not on RadioLink - ie after RadioLink combination in UpLink.	ME_NodeBFunction_Carrier_RadioLinks.p mAverageSir_16	Sum	

pmAverageSir_17	ACCUMULATION	INTEGER	The average SIR on DPCCH physical channel. Measurement is performed on RadioLinkSet not on RadioLink - ie after RadioLink combination in UpLink.	ME_NodeBFunction_Carrier_RadioLinks.p mAverageSir_17	Sum	
pmAverageSir_18	ACCUMULATION	INTEGER	The average SIR on DPCCH physical channel. Measurement is performed on RadioLinkSet not on RadioLink - ie after RadioLink combination in UpLink.	ME_NodeBFunction_Carrier_RadioLinks.p mAverageSir_18	Sum	
pmAverageSir_19	ACCUMULATION	INTEGER	The average SIR on DPCCH physical channel. Measurement is performed on RadioLinkSet not on	ME_NodeBFunction_Carrier_RadioLinks.p mAverageSir_19	Sum	

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			RadioLink - ie after RadioLink combination in UpLink.			
pmAverageSir_1	ACCUMULATION	INTEGER	The average SIR on DPCCH physical channel. Measurement is performed on RadioLinkSet not on RadioLink - ie after RadioLink combination in UpLink.	ME_NodeBFunction_Carrier_RadioLinks.p mAverageSir_1	Sum	
pmAverageSir_20	ACCUMULATION	INTEGER	The average SIR on DPCCH physical channel. Measurement is performed on RadioLinkSet not on RadioLink - ie after RadioLink combination in UpLink.	ME_NodeBFunction_Carrier_RadioLinks.p mAverageSir_20	Sum	
pmAverageSir_21	ACCUMULATION	INTEGER	The average SIR on DPCCH physical channel. Measurement is performed on RadioLinkSet	ME_NodeBFunction_Carrier_RadioLinks.p mAverageSir_21	Sum	

			not on RadioLink - ie after RadioLink combination in UpLink.			
pmAverageSir_22	ACCUMULATION	INTEGER	The average SIR on DPCCH physical channel. Measurement is performed on RadioLinkSet not on RadioLink - ie after RadioLink combination in UpLink.	ME_NodeBFunction_Carrier_RadioLinks.p mAverageSir_22	Sum	
pmAverageSir_23	ACCUMULATION	INTEGER	The average SIR on DPCCH physical channel. Measurement is performed on RadioLinkSet not on RadioLink - ie after RadioLink combination in UpLink.	ME_NodeBFunction_Carrier_RadioLinks.p mAverageSir_23	Sum	
pmAverageSir_24	ACCUMULATION	INTEGER	The average SIR on DPCCH	ME_NodeBFunction_Carrier_RadioLinks.p mAverageSir_24	Sum	

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			physical channel. Measurement is performed on RadioLinkSet not on RadioLink - ie after RadioLink combination in UpLink.			
pmAverageSir_25	ACCUMULATION	INTEGER	The average SIR on DPCCH physical channel. Measurement is performed on RadioLinkSet not on RadioLink - ie after RadioLink combination in UpLink.	ME_NodeBFunction_Carrier_RadioLinks.p mAverageSir_25	Sum	
pmAverageSir_26	ACCUMULATION	INTEGER	The average SIR on DPCCH physical channel. Measurement is performed on RadioLinkSet not on RadioLink - ie after RadioLink combination in UpLink.	ME_NodeBFunction_Carrier_RadioLinks.p mAverageSir_26	Sum	
pmAverageSir_27	ACCUMULATION	INTEGER	The average SIR on	ME_NodeBFunction_Carrier_RadioLinks.p	Sum	

			DPCCH physical channel. Measurement is performed on RadioLinkSet not on RadioLink - ie after RadioLink combination in UpLink.	mAverageSir_27		
pmAverageSir_28	ACCUMULATION	INTEGER	The average SIR on DPCCH physical channel. Measurement is performed on RadioLinkSet not on RadioLink - ie after RadioLink combination in UpLink.	ME_NodeBFunction_Carrier_RadioLinks.p mAverageSir_28	Sum	
pmAverageSir_29	ACCUMULATION	INTEGER	The average SIR on DPCCH physical channel. Measurement is performed on RadioLinkSet not on RadioLink - ie after	ME_NodeBFunction_Carrier_RadioLinks.p mAverageSir_29	Sum	

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			RadioLink combination in UpLink.			
pmAverageSir_2	ACCUMULATION	INTEGER	The average SIR on DPCCH physical channel. Measurement is performed on RadioLinkSet not on RadioLink - ie after RadioLink combination in UpLink.	ME_NodeBFunction_Carrier_RadioLinks.p mAverageSir_2	Sum	
pmAverageSir_30	ACCUMULATION	INTEGER	The average SIR on DPCCH physical channel. Measurement is performed on RadioLinkSet not on RadioLink - ie after RadioLink combination in UpLink.	ME_NodeBFunction_Carrier_RadioLinks.p mAverageSir_30	Sum	
pmAverageSir_31	ACCUMULATION	INTEGER	The average SIR on DPCCH physical channel. Measurement is performed on RadioLinkSet not on RadioLink -	ME_NodeBFunction_Carrier_RadioLinks.p mAverageSir_31	Sum	

			ie after RadioLink combination in UpLink.			
pmAverageSir_32	ACCUMULATION	INTEGER	The average SIR on DPCCH physical channel. Measurement is performed on RadioLinkSet not on RadioLink - ie after RadioLink combination in UpLink.	ME_NodeBFunction_Carrier_RadioLinks.p mAverageSir_32	Sum	
pmAverageSir_33	ACCUMULATION	INTEGER	The average SIR on DPCCH physical channel. Measurement is performed on RadioLinkSet not on RadioLink - ie after RadioLink combination in UpLink.	ME_NodeBFunction_Carrier_RadioLinks.p mAverageSir_33	Sum	
pmAverageSir_34	ACCUMULATION	INTEGER	The average SIR on DPCCH physical channel.	ME_NodeBFunction_Carrier_RadioLinks.p mAverageSir_34	Sum	

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			Measurement is performed on RadioLinkSet not on RadioLink - ie after RadioLink combination in UpLink.			
pmAverageSir_35	ACCUMULATION	INTEGER	The average SIR on DPCCH physical channel. Measurement is performed on RadioLinkSet not on RadioLink - ie after RadioLink combination in UpLink.	ME_NodeBFunction_Carrier_RadioLinks.p mAverageSir_35	Sum	
pmAverageSir_36	ACCUMULATION	INTEGER	The average SIR on DPCCH physical channel. Measurement is performed on RadioLinkSet not on RadioLink - ie after RadioLink combination in UpLink.	ME_NodeBFunction_Carrier_RadioLinks.p mAverageSir_36	Sum	
pmAverageSir_37	ACCUMULATION	INTEGER	The average SIR on DPCCH physical	ME_NodeBFunction_Carrier_RadioLinks.p mAverageSir_37	Sum	

			channel. Measurement is performed on RadioLinkSet not on RadioLink - ie after RadioLink combination in UpLink.			
pmAverageSir_3	ACCUMULATION	INTEGER	The average SIR on DPCCH physical channel. Measurement is performed on RadioLinkSet not on RadioLink - ie after RadioLink combination in UpLink.	ME_NodeBFunction_Carrier_RadioLinks.p mAverageSir_3	Sum	
pmAverageSir_4	ACCUMULATION	INTEGER	The average SIR on DPCCH physical channel. Measurement is performed on RadioLinkSet not on RadioLink - ie after RadioLink combination	ME_NodeBFunction_Carrier_RadioLinks.p mAverageSir_4	Sum	

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			in UpLink.			
pmAverageSir_5	ACCUMULATION	INTEGER	The average SIR on DPCCH physical channel. Measurement is performed on RadioLinkSet not on RadioLink - ie after RadioLink combination in UpLink.	ME_NodeBFunction_Carrier_RadioLinks.p mAverageSir_5	Sum	
pmAverageSir_6	ACCUMULATION	INTEGER	The average SIR on DPCCH physical channel. Measurement is performed on RadioLinkSet not on RadioLink - ie after RadioLink combination in UpLink.	ME_NodeBFunction_Carrier_RadioLinks.p mAverageSir_6	Sum	
pmAverageSir_7	ACCUMULATION	INTEGER	The average SIR on DPCCH physical channel. Measurement is performed on RadioLinkSet not on RadioLink - ie after RadioLink	ME_NodeBFunction_Carrier_RadioLinks.p mAverageSir_7	Sum	

			combination in UpLink.			
pmAverageSir_8	ACCUMULATION	INTEGER	The average SIR on DPCCH physical channel. Measurement is performed on RadioLinkSet not on RadioLink - ie after RadioLink combination in UpLink.	ME_NodeBFunction_Carrier_RadioLinks.p mAverageSir_8	Sum	
pmAverageSir_9	ACCUMULATION	INTEGER	The average SIR on DPCCH physical channel. Measurement is performed on RadioLinkSet not on RadioLink - ie after RadioLink combination in UpLink.	ME_NodeBFunction_Carrier_RadioLinks.p mAverageSir_9	Sum	

7.69.3 Radio_Link.Ericsson.UMTS.PDF_pmBranchDeltaSir

pmBranchDeltaSir PDF counters

KPI	Type	Data Type	Description	Derivation	Default Aggrega	Other Aggrega
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					tor	tors
pmBranchDeltaSir_0	ACCUMULATION	INTEGER	The difference in SIR per receive branch per connection (DPCCH) per cell. The purpose with the measurement is to detect faulty feeder installations.	ME_NodeBFunction_Carrier_RadioLinks.pmBranchDeltaSir_0	Sum	
pmBranchDeltaSir_10	ACCUMULATION	INTEGER	The difference in SIR per receive branch per connection (DPCCH) per cell. The purpose with the measurement is to detect faulty feeder installations.	ME_NodeBFunction_Carrier_RadioLinks.pmBranchDeltaSir_10	Sum	
pmBranchDeltaSir_11	ACCUMULATION	INTEGER	The difference in SIR per receive branch per connection (DPCCH) per cell. The purpose with the measurement	ME_NodeBFunction_Carrier_RadioLinks.pmBranchDeltaSir_11	Sum	

			nt is to detect faulty feeder installations .			
pmBranchDeltaSir_12	ACCUMULATION	INTEGER	The difference in SIR per receive branch per connection (DPCCH) per cell. The purpose with the measurement is to detect faulty feeder installations .	ME_NodeBFunction_Carrier_RadioLinks.pmBranchDeltaSir_12	Sum	
pmBranchDeltaSir_13	ACCUMULATION	INTEGER	The difference in SIR per receive branch per connection (DPCCH) per cell. The purpose with the measurement is to detect faulty feeder installations .	ME_NodeBFunction_Carrier_RadioLinks.pmBranchDeltaSir_13	Sum	
pmBranchDeltaSir_14	ACCUMULATION	INTEGER	The difference	ME_NodeBFunction_Carrier_RadioLinks.pmB	Sum	

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			in SIR per receive branch per connection (DPCCH) per cell. The purpose with the measurement is to detect faulty feeder installations .	ranchDeltaSir_14		
pmBranchDeltaSir_15	ACCUMULATION	INTEGER	The difference in SIR per receive branch per connection (DPCCH) per cell. The purpose with the measurement is to detect faulty feeder installations .	ME_NodeBFunction_Carrier_RadioLinks.pmBranchDeltaSir_15	Sum	
pmBranchDeltaSir_16	ACCUMULATION	INTEGER	The difference in SIR per receive branch per connection (DPCCH) per cell. The purpose with the measurement is to detect faulty feeder installations	ME_NodeBFunction_Carrier_RadioLinks.pmBranchDeltaSir_16	Sum	

			.			
pmBranchDeltaSir_17	ACCUMULATION	INTEGER	The difference in SIR per receive branch per connection (DPCCH) per cell. The purpose with the measurement is to detect faulty feeder installations.	ME_NodeBFunction_Carrier_RadioLinks.pmBranchDeltaSir_17	Sum	
pmBranchDeltaSir_18	ACCUMULATION	INTEGER	The difference in SIR per receive branch per connection (DPCCH) per cell. The purpose with the measurement is to detect faulty feeder installations.	ME_NodeBFunction_Carrier_RadioLinks.pmBranchDeltaSir_18	Sum	
pmBranchDeltaSir_19	ACCUMULATION	INTEGER	The difference in SIR per receive branch per connection	ME_NodeBFunction_Carrier_RadioLinks.pmBranchDeltaSir_19	Sum	

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			(DPCCH) per cell. The purpose with the measurement is to detect faulty feeder installations .			
pmBranchDeltaSir_1	ACCUMULATION	INTEGER	The difference in SIR per receive branch per connection (DPCCH) per cell. The purpose with the measurement is to detect faulty feeder installations .	ME_NodeBFunction_Carrier_RadioLinks.pmBranchDeltaSir_1	Sum	
pmBranchDeltaSir_20	ACCUMULATION	INTEGER	The difference in SIR per receive branch per connection (DPCCH) per cell. The purpose with the measurement is to detect faulty feeder installations .	ME_NodeBFunction_Carrier_RadioLinks.pmBranchDeltaSir_20	Sum	
pmBranchDeltaSir_21	ACCUMULATION	INTEGER	The difference	ME_NodeBFunction_Carrier_RadioLinks.pmB	Sum	

			in SIR per receive branch per connection (DPCCH) per cell. The purpose with the measurement is to detect faulty feeder installations .	ranchDeltaSir_21		
pmBranchDeltaSir_22	ACCUMULATION	INTEGER	The difference in SIR per receive branch per connection (DPCCH) per cell. The purpose with the measurement is to detect faulty feeder installations .	ME_NodeBFunction_Carrier_RadioLinks.pmBranchDeltaSir_22	Sum	
pmBranchDeltaSir_23	ACCUMULATION	INTEGER	The difference in SIR per receive branch per connection (DPCCH) per cell. The purpose with the	ME_NodeBFunction_Carrier_RadioLinks.pmBranchDeltaSir_23	Sum	

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			measurement is to detect faulty feeder installations .			
pmBranchDeltaSir_24	ACCUMULATION	INTEGER	The difference in SIR per receive branch per connection (DPCCH) per cell. The purpose with the measurement is to detect faulty feeder installations .	ME_NodeBFunction_Carrier_RadioLinks.pmBranchDeltaSir_24	Sum	
pmBranchDeltaSir_25	ACCUMULATION	INTEGER	The difference in SIR per receive branch per connection (DPCCH) per cell. The purpose with the measurement is to detect faulty feeder installations .	ME_NodeBFunction_Carrier_RadioLinks.pmBranchDeltaSir_25	Sum	
pmBranchDeltaSir_26	ACCUMULATION	INTEGER	The difference in SIR per receive branch per connection	ME_NodeBFunction_Carrier_RadioLinks.pmBranchDeltaSir_26	Sum	

			(DPCCH) per cell. The purpose with the measurement is to detect faulty feeder installations .			
pmBranchDeltaSir_27	ACCUMULATION	INTEGER	The difference in SIR per receive branch per connection (DPCCH) per cell. The purpose with the measurement is to detect faulty feeder installations .	ME_NodeBFunction_Carrier_RadioLinks.pmBranchDeltaSir_27	Sum	
pmBranchDeltaSir_28	ACCUMULATION	INTEGER	The difference in SIR per receive branch per connection (DPCCH) per cell. The purpose with the measurement is to detect faulty feeder	ME_NodeBFunction_Carrier_RadioLinks.pmBranchDeltaSir_28	Sum	

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			installations .			
pmBranchDelta Sir_29	ACCUMULATION	INTEGER	The difference in SIR per receive branch per connection (DPCCH) per cell. The purpose with the measurement is to detect faulty feeder installations .	ME_NodeBFunction_Carrier_RadioLinks.pmBranchDeltaSir_29	Sum	
pmBranchDelta Sir_2	ACCUMULATION	INTEGER	The difference in SIR per receive branch per connection (DPCCH) per cell. The purpose with the measurement is to detect faulty feeder installations .	ME_NodeBFunction_Carrier_RadioLinks.pmBranchDeltaSir_2	Sum	
pmBranchDelta Sir_30	ACCUMULATION	INTEGER	The difference in SIR per receive branch per connection (DPCCH) per cell. The purpose with the	ME_NodeBFunction_Carrier_RadioLinks.pmBranchDeltaSir_30	Sum	

			measurement is to detect faulty feeder installations .			
pmBranchDeltaSir_31	ACCUMULATION	INTEGER	The difference in SIR per receive branch per connection (DPCCH) per cell. The purpose with the measurement is to detect faulty feeder installations .	ME_NodeBFunction_Carrier_RadioLinks.pmBranchDeltaSir_31	Sum	
pmBranchDeltaSir_32	ACCUMULATION	INTEGER	The difference in SIR per receive branch per connection (DPCCH) per cell. The purpose with the measurement is to detect faulty feeder installations .	ME_NodeBFunction_Carrier_RadioLinks.pmBranchDeltaSir_32	Sum	
pmBranchDelta	ACCUMULATION	INTEGER	The	ME_NodeBFunction_C	Sum	

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Sir_33	TION	ER	<p>difference in SIR per receive branch per connection (DPCCH) per cell. The purpose with the measurement is to detect faulty feeder installations</p>	carrier_RadioLinks.pmBranchDeltaSir_33		
pmBranchDeltaSir_34	ACCUMULATION	INTEGER	<p>The difference in SIR per receive branch per connection (DPCCH) per cell. The purpose with the measurement is to detect faulty feeder installations</p>	ME_NodeBFunction_Carrier_RadioLinks.pmBranchDeltaSir_34	Sum	
pmBranchDeltaSir_35	ACCUMULATION	INTEGER	<p>The difference in SIR per receive branch per connection (DPCCH) per cell. The purpose with the measurement is to detect faulty feeder</p>	ME_NodeBFunction_Carrier_RadioLinks.pmBranchDeltaSir_35	Sum	

			installations .			
pmBranchDelta Sir_36	ACCUMULATION	INTEGER	The difference in SIR per receive branch per connection (DPCCH) per cell. The purpose with the measurement is to detect faulty feeder installations .	ME_NodeBFunction_Carrier_RadioLinks.pmBranchDeltaSir_36	Sum	
pmBranchDelta Sir_37	ACCUMULATION	INTEGER	The difference in SIR per receive branch per connection (DPCCH) per cell. The purpose with the measurement is to detect faulty feeder installations .	ME_NodeBFunction_Carrier_RadioLinks.pmBranchDeltaSir_37	Sum	
pmBranchDelta Sir_38	ACCUMULATION	INTEGER	The difference in SIR per receive branch per	ME_NodeBFunction_Carrier_RadioLinks.pmBranchDeltaSir_38	Sum	

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			connection (DPCCH) per cell. The purpose with the measurement is to detect faulty feeder installations .			
pmBranchDeltaSir_39	ACCUMULATION	INTEGER	The difference in SIR per receive branch per connection (DPCCH) per cell. The purpose with the measurement is to detect faulty feeder installations .	ME_NodeBFunction_Carrier_RadioLinks.pmBranchDeltaSir_39	Sum	
pmBranchDeltaSir_3	ACCUMULATION	INTEGER	The difference in SIR per receive branch per connection (DPCCH) per cell. The purpose with the measurement is to detect faulty feeder installations .	ME_NodeBFunction_Carrier_RadioLinks.pmBranchDeltaSir_3	Sum	
pmBranchDelta	ACCUMULATION	INTEGER	The	ME_NodeBFunction_C	Sum	

Sir_40	TION	ER	difference in SIR per receive branch per connection (DPCCH) per cell. The purpose with the measurement is to detect faulty feeder installations .	arrier_RadioLinks.pmBranchDeltaSir_40		
pmBranchDeltaSir_41	ACCUMULATION	INTEGER	The difference in SIR per receive branch per connection (DPCCH) per cell. The purpose with the measurement is to detect faulty feeder installations .	ME_NodeBFunction_Carrier_RadioLinks.pmBranchDeltaSir_41	Sum	
pmBranchDeltaSir_42	ACCUMULATION	INTEGER	The difference in SIR per receive branch per connection (DPCCH) per cell. The purpose	ME_NodeBFunction_Carrier_RadioLinks.pmBranchDeltaSir_42	Sum	

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			with the measurement is to detect faulty feeder installations .			
pmBranchDeltaSir_43	ACCUMULATION	INTEGER	The difference in SIR per receive branch per connection (DPCCH) per cell. The purpose with the measurement is to detect faulty feeder installations .	ME_NodeBFunction_Carrier_RadioLinks.pmBranchDeltaSir_43	Sum	
pmBranchDeltaSir_44	ACCUMULATION	INTEGER	The difference in SIR per receive branch per connection (DPCCH) per cell. The purpose with the measurement is to detect faulty feeder installations .	ME_NodeBFunction_Carrier_RadioLinks.pmBranchDeltaSir_44	Sum	
pmBranchDeltaSir_45	ACCUMULATION	INTEGER	The difference in SIR per receive branch per	ME_NodeBFunction_Carrier_RadioLinks.pmBranchDeltaSir_45	Sum	

			connection (DPCCH) per cell. The purpose with the measurement is to detect faulty feeder installations.			
pmBranchDeltaSir_46	ACCUMULATION	INTEGER	The difference in SIR per receive branch per connection (DPCCH) per cell. The purpose with the measurement is to detect faulty feeder installations.	ME_NodeBFunction_Carrier_RadioLinks.pmBranchDeltaSir_46	Sum	
pmBranchDeltaSir_47	ACCUMULATION	INTEGER	The difference in SIR per receive branch per connection (DPCCH) per cell. The purpose with the measurement is to detect faulty	ME_NodeBFunction_Carrier_RadioLinks.pmBranchDeltaSir_47	Sum	

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			feeder installations .			
pmBranchDeltaSir_48	ACCUMULATION	INTEGER	The difference in SIR per receive branch per connection (DPCCH) per cell. The purpose with the measurement is to detect faulty feeder installations .	ME_NodeBFunction_Carrier_RadioLinks.pmBranchDeltaSir_48	Sum	
pmBranchDeltaSir_49	ACCUMULATION	INTEGER	The difference in SIR per receive branch per connection (DPCCH) per cell. The purpose with the measurement is to detect faulty feeder installations .	ME_NodeBFunction_Carrier_RadioLinks.pmBranchDeltaSir_49	Sum	
pmBranchDeltaSir_4	ACCUMULATION	INTEGER	The difference in SIR per receive branch per connection (DPCCH) per cell. The purpose	ME_NodeBFunction_Carrier_RadioLinks.pmBranchDeltaSir_4	Sum	

			with the measurement is to detect faulty feeder installations .			
pmBranchDeltaSir_50	ACCUMULATION	INTEGER	The difference in SIR per receive branch per connection (DPCCH) per cell. The purpose with the measurement is to detect faulty feeder installations .	ME_NodeBFunction_Carrier_RadioLinks.pmBranchDeltaSir_50	Sum	
pmBranchDeltaSir_51	ACCUMULATION	INTEGER	The difference in SIR per receive branch per connection (DPCCH) per cell. The purpose with the measurement is to detect faulty feeder installations .	ME_NodeBFunction_Carrier_RadioLinks.pmBranchDeltaSir_51	Sum	

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pmBranchDeltaSir_52	ACCUMULATION	INTEGER	The difference in SIR per receive branch per connection (DPCCH) per cell. The purpose with the measurement is to detect faulty feeder installations.	ME_NodeBFunction_Carrier_RadioLinks.pmBranchDeltaSir_52	Sum	
pmBranchDeltaSir_53	ACCUMULATION	INTEGER	The difference in SIR per receive branch per connection (DPCCH) per cell. The purpose with the measurement is to detect faulty feeder installations.	ME_NodeBFunction_Carrier_RadioLinks.pmBranchDeltaSir_53	Sum	
pmBranchDeltaSir_54	ACCUMULATION	INTEGER	The difference in SIR per receive branch per connection (DPCCH) per cell. The purpose with the measurement is to detect faulty	ME_NodeBFunction_Carrier_RadioLinks.pmBranchDeltaSir_54	Sum	

			feeder installations .			
pmBranchDeltaSir_55	ACCUMULATION	INTEGER	The difference in SIR per receive branch per connection (DPCCH) per cell. The purpose with the measurement is to detect faulty feeder installations .	ME_NodeBFunction_Carrier_RadioLinks.pmBranchDeltaSir_55	Sum	
pmBranchDeltaSir_56	ACCUMULATION	INTEGER	The difference in SIR per receive branch per connection (DPCCH) per cell. The purpose with the measurement is to detect faulty feeder installations .	ME_NodeBFunction_Carrier_RadioLinks.pmBranchDeltaSir_56	Sum	
pmBranchDeltaSir_57	ACCUMULATION	INTEGER	The difference in SIR per receive	ME_NodeBFunction_Carrier_RadioLinks.pmBranchDeltaSir_57	Sum	

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			<p>branch per connection (DPCCH) per cell. The purpose with the measurement is to detect faulty feeder installations.</p>			
pmBranchDeltaSir_58	ACCUMULATION	INTEGER	<p>The difference in SIR per receive branch per connection (DPCCH) per cell. The purpose with the measurement is to detect faulty feeder installations.</p>	ME_NodeBFunction_Carrier_RadioLinks.pmBranchDeltaSir_58	Sum	
pmBranchDeltaSir_59	ACCUMULATION	INTEGER	<p>The difference in SIR per receive branch per connection (DPCCH) per cell. The purpose with the measurement is to detect faulty feeder installations.</p>	ME_NodeBFunction_Carrier_RadioLinks.pmBranchDeltaSir_59	Sum	

pmBranchDeltaSir_5	ACCUMULATION	INTEGER	The difference in SIR per receive branch per connection (DPCCH) per cell. The purpose with the measurement is to detect faulty feeder installations .	ME_NodeBFunction_Carrier_RadioLinks.pmBranchDeltaSir_5	Sum	
pmBranchDeltaSir_60	ACCUMULATION	INTEGER	The difference in SIR per receive branch per connection (DPCCH) per cell. The purpose with the measurement is to detect faulty feeder installations .	ME_NodeBFunction_Carrier_RadioLinks.pmBranchDeltaSir_60	Sum	
pmBranchDeltaSir_6	ACCUMULATION	INTEGER	The difference in SIR per receive branch per connection (DPCCH) per cell.	ME_NodeBFunction_Carrier_RadioLinks.pmBranchDeltaSir_6	Sum	

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			The purpose with the measurement is to detect faulty feeder installations .			
pmBranchDeltaSir_7	ACCUMULATION	INTEGER	The difference in SIR per receive branch per connection (DPCCH) per cell. The purpose with the measurement is to detect faulty feeder installations .	ME_NodeBFunction_Carrier_RadioLinks.pmBranchDeltaSir_7	Sum	
pmBranchDeltaSir_8	ACCUMULATION	INTEGER	The difference in SIR per receive branch per connection (DPCCH) per cell. The purpose with the measurement is to detect faulty feeder installations .	ME_NodeBFunction_Carrier_RadioLinks.pmBranchDeltaSir_8	Sum	
pmBranchDeltaSir_9	ACCUMULATION	INTEGER	The difference in SIR per receive	ME_NodeBFunction_Carrier_RadioLinks.pmBranchDeltaSir_9	Sum	

			branch per connection (DPCCH) per cell. The purpose with the measurement is to detect faulty feeder installations			
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7.69.4 Radio_Link.Ericsson.UMTS.PDF_pmDpcchBer

pmDpcchBer PDF counters

KPI	Type	Data Type	Description	Derivation	Default Aggregator	Other Aggregators
pmDpcchBer_0	ACCUMULATION	INTEGER	The average BER detected on DPCCH pilot bits.Measurement is performed on RadioLinkSet not on RadioLink - ie after RadioLink combination in UpLink.	ME_NodeBFunction_Carrier_RadioLinks.p mDpcchBer_0	Sum	
pmDpcchBer_10	ACCUMULATION	INTEGER	The average BER detected on DPCCH pilot bits.Measurement is performed	ME_NodeBFunction_Carrier_RadioLinks.p mDpcchBer_10	Sum	

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			on RadioLinkSet not on RadioLink - ie after RadioLink combination in UpLink.			
pmDpcchBer_11	ACCUMULATION	INTEGER	The average BER detected on DPCCH pilot bits.Measurement is performed on RadioLinkSet not on RadioLink - ie after RadioLink combination in UpLink.	ME_NodeBFunction_Carrier_RadioLinks.p mDpcchBer_11	Sum	
pmDpcchBer_12	ACCUMULATION	INTEGER	The average BER detected on DPCCH pilot bits.Measurement is performed on RadioLinkSet not on RadioLink - ie after RadioLink combination in UpLink.	ME_NodeBFunction_Carrier_RadioLinks.p mDpcchBer_12	Sum	
pmDpcchBer_13	ACCUMULATION	INTEGER	The average BER detected on DPCCH pilot bits.Measurement is performed on RadioLinkSet not on RadioLink - ie after RadioLink	ME_NodeBFunction_Carrier_RadioLinks.p mDpcchBer_13	Sum	

			combination in UpLink.			
pmDpcchBer_14	ACCUMULATION	INTEGER	The average BER detected on DPCCH pilot bits.Measurement is performed on RadioLinkSet not on RadioLink - ie after RadioLink combination in UpLink.	ME_NodeBFunction_Carrier_RadioLinks.p mDpcchBer_14	Sum	
pmDpcchBer_15	ACCUMULATION	INTEGER	The average BER detected on DPCCH pilot bits.Measurement is performed on RadioLinkSet not on RadioLink - ie after RadioLink combination in UpLink.	ME_NodeBFunction_Carrier_RadioLinks.p mDpcchBer_15	Sum	
pmDpcchBer_16	ACCUMULATION	INTEGER	The average BER detected on DPCCH pilot bits.Measurement is performed on RadioLinkSet not on RadioLink - ie after RadioLink	ME_NodeBFunction_Carrier_RadioLinks.p mDpcchBer_16	Sum	

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			combination in UpLink.			
pmDpcchBer_17	ACCUMULATION	INTEGER	The average BER detected on DPCCH pilot bits.Measurement is performed on RadioLinkSet not on RadioLink - ie after RadioLink combination in UpLink.	ME_NodeBFunction_Carrier_RadioLinks.p mDpcchBer_17	Sum	
pmDpcchBer_18	ACCUMULATION	INTEGER	The average BER detected on DPCCH pilot bits.Measurement is performed on RadioLinkSet not on RadioLink - ie after RadioLink combination in UpLink.	ME_NodeBFunction_Carrier_RadioLinks.p mDpcchBer_18	Sum	
pmDpcchBer_19	ACCUMULATION	INTEGER	The average BER detected on DPCCH pilot bits.Measurement is performed on RadioLinkSet not on RadioLink - ie after RadioLink combination in UpLink.	ME_NodeBFunction_Carrier_RadioLinks.p mDpcchBer_19	Sum	
pmDpcchBer_1	ACCUMULATION	INTEGER	The average BER detected	ME_NodeBFunction_Carrier_RadioLinks.p	Sum	

			on DPCCH pilot bits.Measurement is performed on RadioLinkSet not on RadioLink - ie after RadioLink combination in UpLink.	mDpcchBer_1		
pmDpcchBer_20	ACCUMULATION	INTEGER	The average BER detected on DPCCH pilot bits.Measurement is performed on RadioLinkSet not on RadioLink - ie after RadioLink combination in UpLink.	ME_NodeBFunction_Carrier_RadioLinks.p mDpcchBer_20	Sum	
pmDpcchBer_21	ACCUMULATION	INTEGER	The average BER detected on DPCCH pilot bits.Measurement is performed on RadioLinkSet not on RadioLink - ie after RadioLink combination in UpLink.	ME_NodeBFunction_Carrier_RadioLinks.p mDpcchBer_21	Sum	
pmDpcchBer_22	ACCUMULATION	INTEGER	The average BER detected	ME_NodeBFunction_Carrier_RadioLinks.p	Sum	

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			on DPCCH pilot bits.Measurement is performed on RadioLinkSet not on RadioLink - ie after RadioLink combination in UpLink.	mDpcchBer_22		
pmDpcchBer_23	ACCUMULATION	INTEGER	The average BER detected on DPCCH pilot bits.Measurement is performed on RadioLinkSet not on RadioLink - ie after RadioLink combination in UpLink.	ME_NodeBFunction_Carrier_RadioLinks.p mDpcchBer_23	Sum	
pmDpcchBer_24	ACCUMULATION	INTEGER	The average BER detected on DPCCH pilot bits.Measurement is performed on RadioLinkSet not on RadioLink - ie after RadioLink combination in UpLink.	ME_NodeBFunction_Carrier_RadioLinks.p mDpcchBer_24	Sum	
pmDpcchBer_2	ACCUMULATION	INTEGER	The average BER detected on DPCCH pilot bits.Measurement is performed on	ME_NodeBFunction_Carrier_RadioLinks.p mDpcchBer_2	Sum	

			RadioLinkSet not on RadioLink - ie after RadioLink combination in UpLink.			
pmDpcchBer_3	ACCUMULATION	INTEGER	The average BER detected on DPCCH pilot bits.Measurement is performed on RadioLinkSet not on RadioLink - ie after RadioLink combination in UpLink.	ME_NodeBFunction_Carrier_RadioLinks.p mDpcchBer_3	Sum	
pmDpcchBer_4	ACCUMULATION	INTEGER	The average BER detected on DPCCH pilot bits.Measurement is performed on RadioLinkSet not on RadioLink - ie after RadioLink combination in UpLink.	ME_NodeBFunction_Carrier_RadioLinks.p mDpcchBer_4	Sum	
pmDpcchBer_5	ACCUMULATION	INTEGER	The average BER detected on DPCCH pilot bits.Measurement is performed on	ME_NodeBFunction_Carrier_RadioLinks.p mDpcchBer_5	Sum	

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			RadioLinkSet not on RadioLink - ie after RadioLink combination in UpLink.			
pmDpcchBer_6	ACCUMULATION	INTEGER	The average BER detected on DPCCH pilot bits.Measurement is performed on RadioLinkSet not on RadioLink - ie after RadioLink combination in UpLink.	ME_NodeBFunction_Carrier_RadioLinks.p mDpcchBer_6	Sum	
pmDpcchBer_7	ACCUMULATION	INTEGER	The average BER detected on DPCCH pilot bits.Measurement is performed on RadioLinkSet not on RadioLink - ie after RadioLink combination in UpLink.	ME_NodeBFunction_Carrier_RadioLinks.p mDpcchBer_7	Sum	
pmDpcchBer_8	ACCUMULATION	INTEGER	The average BER detected on DPCCH pilot bits.Measurement is performed on RadioLinkSet not on RadioLink - ie after RadioLink combination in	ME_NodeBFunction_Carrier_RadioLinks.p mDpcchBer_8	Sum	

			UpLink.			
pmDpchBer_9	ACCUMULATION	INTEGER	The average BER detected on DPCCH pilot bits.Measurement is performed on RadioLinkSet not on RadioLink - ie after RadioLink combination in UpLink.	ME_NodeBFunction_Carrier_RadioLinks.p mDpchBer_9	Sum	

7.69.5 Radio_Link.Ericsson.UMTS.PDF_pmDpchCodePowerSf128

pmDpchCodePowerSf128 PDF counters

KPI	Type	Data Type	Description	Derivation	Default Aggregator	Other Aggregators
pmDpchCodePowerSf128_0	ACCUMULATION	INTEGER	The average transmitted code power on a DPCH channel for spreading factor 128.	ME_NodeBFunction_Carrier_RadioLinks.p mDpchCodePowerSf128_0	Sum	
pmDpchCodePowerSf128_10	ACCUMULATION	INTEGER	The average transmit	ME_NodeBFunction_Carrier_RadioLinks.p mDpchCodePowerSf128_10	Sum	

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			ted code power on a DPCH channel for spreadi ng factor 128.			
pmDpchCodePowerSf128_11	ACCUMULATION	INTEGER	The average transmit ted code power on a DPCH channel for spreadi ng factor 128.	ME_NodeBFunction_Carrier_RadioLinks.pmDpchCodePowerSf128_11	Sum	
pmDpchCodePowerSf128_12	ACCUMULATION	INTEGER	The average transmit ted code power on a DPCH channel for spreadi ng factor 128.	ME_NodeBFunction_Carrier_RadioLinks.pmDpchCodePowerSf128_12	Sum	
pmDpchCodePowerSf128_13	ACCUMULATION	INTEGER	The average transmit ted code	ME_NodeBFunction_Carrier_RadioLinks.pmDpchCodePowerSf128_13	Sum	

			power on a DPCH channel for spreading factor 128.			
pmDpchCodePowerSf128_14	ACCUMULATION	INTEGER	The average transmitted code power on a DPCH channel for spreading factor 128.	ME_NodeBFunction_Carrier_RadioLinks.pmDpchCodePowerSf128_14	Sum	
pmDpchCodePowerSf128_15	ACCUMULATION	INTEGER	The average transmitted code power on a DPCH channel for spreading factor 128.	ME_NodeBFunction_Carrier_RadioLinks.pmDpchCodePowerSf128_15	Sum	
pmDpchCodePowerSf128_16	ACCUMULATION	INTEGER	The average	ME_NodeBFunction_Carrier_RadioLinks.pmDpchCo	Sum	

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			transmitted code power on a DPCH channel for spreading factor 128.	dePowerSf128_16		
pmDpchCodePowerSf128_17	ACCUMULATION	INTEGER	The average transmitted code power on a DPCH channel for spreading factor 128.	ME_NodeBFunction_Carrier_RadioLinks.pmDpchCodePowerSf128_17	Sum	
pmDpchCodePowerSf128_18	ACCUMULATION	INTEGER	The average transmitted code power on a DPCH channel for spreading factor 128.	ME_NodeBFunction_Carrier_RadioLinks.pmDpchCodePowerSf128_18	Sum	
pmDpchCodePowerSf128_19	ACCUMULATION	INTEGER	The average transmitted	ME_NodeBFunction_Carrier_RadioLinks.pmDpchCodePowerSf128_19	Sum	

			code power on a DPCH channel for spreading factor 128.			
pmDpchCodePowerSf128_1	ACCUMULATION	INTEGER	The average transmitted code power on a DPCH channel for spreading factor 128.	ME_NodeBFunction_Carrier_RadioLinks.pmDpchCodePowerSf128_1	Sum	
pmDpchCodePowerSf128_20	ACCUMULATION	INTEGER	The average transmitted code power on a DPCH channel for spreading factor 128.	ME_NodeBFunction_Carrier_RadioLinks.pmDpchCodePowerSf128_20	Sum	
pmDpchCodePow	ACCUMUL	INTE	The	ME_NodeBFunction_Carri	Sum	

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erSf128_21	ATION	GER	average transmitted code power on a DPCH channel for spreading factor 128.	er_RadioLinks.pmDpchCodePowerSf128_21		
pmDpchCodePowerSf128_22	ACCUMULATION	INTEGER	The average transmitted code power on a DPCH channel for spreading factor 128.	ME_NodeBFunction_Carrier_RadioLinks.pmDpchCodePowerSf128_22	Sum	
pmDpchCodePowerSf128_23	ACCUMULATION	INTEGER	The average transmitted code power on a DPCH channel for spreading factor 128.	ME_NodeBFunction_Carrier_RadioLinks.pmDpchCodePowerSf128_23	Sum	
pmDpchCodePowerSf128_24	ACCUMULATION	INTEGER	The average transmitted	ME_NodeBFunction_Carrier_RadioLinks.pmDpchCodePowerSf128_24	Sum	

			ted code power on a DPCH channel for spreadi ng factor 128.			
pmDpchCodePowerSf128_25	ACCUMULATION	INTEGER	The average transmit ted code power on a DPCH channel for spreadi ng factor 128.	ME_NodeBFunction_Carrier_RadioLinks.pmDpchCodePowerSf128_25	Sum	
pmDpchCodePowerSf128_26	ACCUMULATION	INTEGER	The average transmit ted code power on a DPCH channel for spreadi ng factor 128.	ME_NodeBFunction_Carrier_RadioLinks.pmDpchCodePowerSf128_26	Sum	

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pmDpchCodePowerSf128_27	ACCUMULATION	INTEGER	The average transmitted code power on a DPCH channel for spreading factor 128.	ME_NodeBFunction_Carrier_RadioLinks.pmDpchCodePowerSf128_27	Sum	
pmDpchCodePowerSf128_28	ACCUMULATION	INTEGER	The average transmitted code power on a DPCH channel for spreading factor 128.	ME_NodeBFunction_Carrier_RadioLinks.pmDpchCodePowerSf128_28	Sum	
pmDpchCodePowerSf128_29	ACCUMULATION	INTEGER	The average transmitted code power on a DPCH channel for spreading factor 128.	ME_NodeBFunction_Carrier_RadioLinks.pmDpchCodePowerSf128_29	Sum	
pmDpchCodePowerSf128_2	ACCUMULATION	INTEGER	The average	ME_NodeBFunction_Carrier_RadioLinks.pmDpchCo	Sum	

			transmitted code power on a DPCH channel for spreading factor 128.	dePowerSf128_2		
pmDpchCodePowerSf128_30	ACCUMULATION	INTEGER	The average transmitted code power on a DPCH channel for spreading factor 128.	ME_NodeBFunction_Carrier_RadioLinks.pmDpchCodePowerSf128_30	Sum	
pmDpchCodePowerSf128_31	ACCUMULATION	INTEGER	The average transmitted code power on a DPCH channel for spreading factor 128.	ME_NodeBFunction_Carrier_RadioLinks.pmDpchCodePowerSf128_31	Sum	

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pmDpchCodePowerSf128_32	ACCUMULATION	INTEGER	The average transmitted code power on a DPCH channel for spreading factor 128.	ME_NodeBFunction_Carrier_RadioLinks.pmDpchCodePowerSf128_32	Sum	
pmDpchCodePowerSf128_33	ACCUMULATION	INTEGER	The average transmitted code power on a DPCH channel for spreading factor 128.	ME_NodeBFunction_Carrier_RadioLinks.pmDpchCodePowerSf128_33	Sum	
pmDpchCodePowerSf128_34	ACCUMULATION	INTEGER	The average transmitted code power on a DPCH channel for spreading factor 128.	ME_NodeBFunction_Carrier_RadioLinks.pmDpchCodePowerSf128_34	Sum	
pmDpchCodePowerSf128_35	ACCUMULATION	INTEGER	The average	ME_NodeBFunction_Carrier_RadioLinks.pmDpchCo	Sum	

			transmitted code power on a DPCH channel for spreading factor 128.	dePowerSf128_35		
pmDpchCodePowerSf128_36	ACCUMULATION	INTEGER	The average transmitted code power on a DPCH channel for spreading factor 128.	ME_NodeBFunction_Carrier_RadioLinks.pmDpchCodePowerSf128_36	Sum	
pmDpchCodePowerSf128_37	ACCUMULATION	INTEGER	The average transmitted code power on a DPCH channel for spreading factor 128.	ME_NodeBFunction_Carrier_RadioLinks.pmDpchCodePowerSf128_37	Sum	

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pmDpchCodePowerSf128_3	ACCUMULATION	INTEGER	The average transmitted code power on a DPCH channel for spreading factor 128.	ME_NodeBFunction_Carrier_RadioLinks.pmDpchCodePowerSf128_3	Sum	
pmDpchCodePowerSf128_4	ACCUMULATION	INTEGER	The average transmitted code power on a DPCH channel for spreading factor 128.	ME_NodeBFunction_Carrier_RadioLinks.pmDpchCodePowerSf128_4	Sum	
pmDpchCodePowerSf128_5	ACCUMULATION	INTEGER	The average transmitted code power on a DPCH channel for spreading factor 128.	ME_NodeBFunction_Carrier_RadioLinks.pmDpchCodePowerSf128_5	Sum	
pmDpchCodePowerSf128_6	ACCUMULATION	INTEGER	The average	ME_NodeBFunction_Carrier_RadioLinks.pmDpchCo	Sum	

			transmitted code power on a DPCH channel for spreading factor 128.	dePowerSf128_6		
pmDpchCodePowerSf128_7	ACCUMULATION	INTEGER	The average transmitted code power on a DPCH channel for spreading factor 128.	ME_NodeBFunction_Carrier_RadioLinks.pmDpchCodePowerSf128_7	Sum	
pmDpchCodePowerSf128_8	ACCUMULATION	INTEGER	The average transmitted code power on a DPCH channel for spreading factor 128.	ME_NodeBFunction_Carrier_RadioLinks.pmDpchCodePowerSf128_8	Sum	

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pmDpchCodePowerSf128_9	ACCUMULATION	INTEGER	The average transmitted code power on a DPCH channel for spreading factor 128.	ME_NodeBFunction_Carrier_RadioLinks.pmDpchCodePowerSf128_9	Sum	
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7.69.6 Radio_Link.Ericsson.UMTS.PDF_pmDpchCodePowerSf16

pmDpchCodePowerSf16 PDF counters

KPI	Type	Data Type	Description	Derivation	Default Aggregator	Other Aggregators
pmDpchCodePowerSf16_0	ACCUMULATION	INTEGER	The average transmitted code power on a DPCH channel for spreading factor 16.	ME_NodeBFunction_Carrier_RadioLinks.pmDpchCodePowerSf16_0	Sum	
pmDpchCodePowerSf16_10	ACCUMULATION	INTEGER	The average transmitted code power on a DPCH channel for spreading	ME_NodeBFunction_Carrier_RadioLinks.pmDpchCodePowerSf16_10	Sum	

			g factor 16.			
pmDpchCodePowerSf16_11	ACCUMULATION	INTEGER	The average transmitted code power on a DPCH channel for spreading factor 16.	ME_NodeBFunction_Carrier_RadioLinks.pmDpchCodePowerSf16_11	Sum	
pmDpchCodePowerSf16_12	ACCUMULATION	INTEGER	The average transmitted code power on a DPCH channel for spreading factor 16.	ME_NodeBFunction_Carrier_RadioLinks.pmDpchCodePowerSf16_12	Sum	
pmDpchCodePowerSf16_13	ACCUMULATION	INTEGER	The average transmitted code power on a DPCH channel for spreading factor 16.	ME_NodeBFunction_Carrier_RadioLinks.pmDpchCodePowerSf16_13	Sum	

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pmDpchCodePowerSf16_14	ACCUMULATION	INTEGER	The average transmitted code power on a DPCH channel for spreading factor 16.	ME_NodeBFunction_Carrier_RadioLinks.pmDpchCodePowerSf16_14	Sum	
pmDpchCodePowerSf16_15	ACCUMULATION	INTEGER	The average transmitted code power on a DPCH channel for spreading factor 16.	ME_NodeBFunction_Carrier_RadioLinks.pmDpchCodePowerSf16_15	Sum	
pmDpchCodePowerSf16_16	ACCUMULATION	INTEGER	The average transmitted code power on a DPCH channel for spreading factor 16.	ME_NodeBFunction_Carrier_RadioLinks.pmDpchCodePowerSf16_16	Sum	
pmDpchCodePowerSf16_17	ACCUMULATION	INTEGER	The average transmitted code power on a DPCH channel	ME_NodeBFunction_Carrier_RadioLinks.pmDpchCodePowerSf16_17	Sum	

			for spreading factor 16.			
pmDpchCodePowerSf16_18	ACCUMULATION	INTEGER	The average transmitted code power on a DPCH channel for spreading factor 16.	ME_NodeBFunction_Carrier_RadioLinks.pmDpchCodePowerSf16_18	Sum	
pmDpchCodePowerSf16_19	ACCUMULATION	INTEGER	The average transmitted code power on a DPCH channel for spreading factor 16.	ME_NodeBFunction_Carrier_RadioLinks.pmDpchCodePowerSf16_19	Sum	
pmDpchCodePowerSf16_1	ACCUMULATION	INTEGER	The average transmitted code power on a DPCH channel for spreading factor	ME_NodeBFunction_Carrier_RadioLinks.pmDpchCodePowerSf16_1	Sum	

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			16.			
pmDpchCodePowerSf16_20	ACCUMULATION	INTEGER	The average transmitted code power on a DPCH channel for spreading factor 16.	ME_NodeBFunction_Carrier_RadioLinks.pmDpchCodePowerSf16_20	Sum	
pmDpchCodePowerSf16_21	ACCUMULATION	INTEGER	The average transmitted code power on a DPCH channel for spreading factor 16.	ME_NodeBFunction_Carrier_RadioLinks.pmDpchCodePowerSf16_21	Sum	
pmDpchCodePowerSf16_22	ACCUMULATION	INTEGER	The average transmitted code power on a DPCH channel for spreading factor 16.	ME_NodeBFunction_Carrier_RadioLinks.pmDpchCodePowerSf16_22	Sum	
pmDpchCodePowerSf16_23	ACCUMULATION	INTEGER	The average transmitted code power on a	ME_NodeBFunction_Carrier_RadioLinks.pmDpchCodePowerSf16_23	Sum	

			DPCH channel for spreading factor 16.			
pmDpchCodePowerSf16_24	ACCUMULATION	INTEGER	The average transmitted code power on a DPCH channel for spreading factor 16.	ME_NodeBFunction_Carrier_RadioLinks.pmDpchCodePowerSf16_24	Sum	
pmDpchCodePowerSf16_25	ACCUMULATION	INTEGER	The average transmitted code power on a DPCH channel for spreading factor 16.	ME_NodeBFunction_Carrier_RadioLinks.pmDpchCodePowerSf16_25	Sum	
pmDpchCodePowerSf16_26	ACCUMULATION	INTEGER	The average transmitted code power on a DPCH channel for	ME_NodeBFunction_Carrier_RadioLinks.pmDpchCodePowerSf16_26	Sum	

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			spreadin g factor 16.			
pmDpchCodePow erSf16_27	ACCUMULA TION	INTE GER	The average transmit ted code power on a DPCH channel for spreadin g factor 16.	ME_NodeBFunction_Carri er_RadioLinks.pmDpchCo dePowerSf16_27	Sum	
pmDpchCodePow erSf16_28	ACCUMULA TION	INTE GER	The average transmit ted code power on a DPCH channel for spreadin g factor 16.	ME_NodeBFunction_Carri er_RadioLinks.pmDpchCo dePowerSf16_28	Sum	
pmDpchCodePow erSf16_29	ACCUMULA TION	INTE GER	The average transmit ted code power on a DPCH channel for spreadin g factor 16.	ME_NodeBFunction_Carri er_RadioLinks.pmDpchCo dePowerSf16_29	Sum	
pmDpchCodePow erSf16_2	ACCUMULA TION	INTE GER	The average transmit ted code	ME_NodeBFunction_Carri er_RadioLinks.pmDpchCo dePowerSf16_2	Sum	

			power on a DPCH channel for spreading factor 16.			
pmDpchCodePowerSf16_30	ACCUMULATION	INTEGER	The average transmitted code power on a DPCH channel for spreading factor 16.	ME_NodeBFunction_Carrier_RadioLinks.pmDpchCodePowerSf16_30	Sum	
pmDpchCodePowerSf16_31	ACCUMULATION	INTEGER	The average transmitted code power on a DPCH channel for spreading factor 16.	ME_NodeBFunction_Carrier_RadioLinks.pmDpchCodePowerSf16_31	Sum	
pmDpchCodePowerSf16_32	ACCUMULATION	INTEGER	The average transmitted code power on a DPCH	ME_NodeBFunction_Carrier_RadioLinks.pmDpchCodePowerSf16_32	Sum	

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			channel for spreading factor 16.			
pmDpchCodePowerSf16_33	ACCUMULATION	INTEGER	The average transmitted code power on a DPCH channel for spreading factor 16.	ME_NodeBFunction_Carrier_RadioLinks.pmDpchCodePowerSf16_33	Sum	
pmDpchCodePowerSf16_34	ACCUMULATION	INTEGER	The average transmitted code power on a DPCH channel for spreading factor 16.	ME_NodeBFunction_Carrier_RadioLinks.pmDpchCodePowerSf16_34	Sum	
pmDpchCodePowerSf16_35	ACCUMULATION	INTEGER	The average transmitted code power on a DPCH channel for spreading factor 16.	ME_NodeBFunction_Carrier_RadioLinks.pmDpchCodePowerSf16_35	Sum	
pmDpchCodePowerSf16_36	ACCUMULATION	INTEGER	The average	ME_NodeBFunction_Carrier_RadioLinks.pmDpchCo	Sum	

			transmitted code power on a DPCH channel for spreading factor 16.	dePowerSf16_36		
pmDpchCodePowerSf16_37	ACCUMULATION	INTEGER	The average transmitted code power on a DPCH channel for spreading factor 16.	ME_NodeBFunction_Carrier_RadioLinks.pmDpchCodePowerSf16_37	Sum	
pmDpchCodePowerSf16_3	ACCUMULATION	INTEGER	The average transmitted code power on a DPCH channel for spreading factor 16.	ME_NodeBFunction_Carrier_RadioLinks.pmDpchCodePowerSf16_3	Sum	
pmDpchCodePowerSf16_4	ACCUMULATION	INTEGER	The average transmitted code power	ME_NodeBFunction_Carrier_RadioLinks.pmDpchCodePowerSf16_4	Sum	

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			on a DPCH channel for spreading factor 16.			
pmDpchCodePowerSf16_5	ACCUMULATION	INTEGER	The average transmitted code power on a DPCH channel for spreading factor 16.	ME_NodeBFunction_Carrier_RadioLinks.pmDpchCodePowerSf16_5	Sum	
pmDpchCodePowerSf16_6	ACCUMULATION	INTEGER	The average transmitted code power on a DPCH channel for spreading factor 16.	ME_NodeBFunction_Carrier_RadioLinks.pmDpchCodePowerSf16_6	Sum	
pmDpchCodePowerSf16_7	ACCUMULATION	INTEGER	The average transmitted code power on a DPCH channel for spreading factor 16.	ME_NodeBFunction_Carrier_RadioLinks.pmDpchCodePowerSf16_7	Sum	

pmDpchCodePowerSf16_8	ACCUMULATION	INTEGER	The average transmitted code power on a DPCH channel for spreading factor 16.	ME_NodeBFunction_Carrier_RadioLinks.pmDpchCodePowerSf16_8	Sum	
pmDpchCodePowerSf16_9	ACCUMULATION	INTEGER	The average transmitted code power on a DPCH channel for spreading factor 16.	ME_NodeBFunction_Carrier_RadioLinks.pmDpchCodePowerSf16_9	Sum	

7.69.7 Radio_Link.Ericsson.UMTS.PDF_pmDpchCodePowerSf256

pmDpchCodePowerSf256 PDF counters

KPI	Type	Data Type	Description	Derivation	Default Aggregator	Other Aggregators
pmDpchCodePowerSf256_0	ACCUMULATION	INTEGER	The average transmitted code power on a	ME_NodeBFunction_Carrier_RadioLinks.pmDpchCodePowerSf256_0	Sum	

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			DPCH channel for spreading factor 256.			
pmDpchCodePowerSf256_10	ACCUMULATION	INTEGER	The average transmitted code power on a DPCH channel for spreading factor 256.	ME_NodeBFunction_Carrier_RadioLinks.pmDpchCodePowerSf256_10	Sum	
pmDpchCodePowerSf256_11	ACCUMULATION	INTEGER	The average transmitted code power on a DPCH channel for spreading factor 256.	ME_NodeBFunction_Carrier_RadioLinks.pmDpchCodePowerSf256_11	Sum	
pmDpchCodePowerSf256_12	ACCUMULATION	INTEGER	The average transmitted code power on a DPCH channel	ME_NodeBFunction_Carrier_RadioLinks.pmDpchCodePowerSf256_12	Sum	

			for spreading factor 256.			
pmDpchCodePowerSf256_13	ACCUMULATION	INTEGER	The average transmitted code power on a DPCH channel for spreading factor 256.	ME_NodeBFunction_Carrier_RadioLinks.pmDpchCodePowerSf256_13	Sum	
pmDpchCodePowerSf256_14	ACCUMULATION	INTEGER	The average transmitted code power on a DPCH channel for spreading factor 256.	ME_NodeBFunction_Carrier_RadioLinks.pmDpchCodePowerSf256_14	Sum	
pmDpchCodePowerSf256_15	ACCUMULATION	INTEGER	The average transmitted code power	ME_NodeBFunction_Carrier_RadioLinks.pmDpchCodePowerSf256_15	Sum	

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			on a DPCH channel for spreading factor 256.		
pmDpchCodePowerSf256_16	ACCUMULATION	INTEGER	The average transmitted code power on a DPCH channel for spreading factor 256.	ME_NodeBFunction_Carrier_RadioLinks.pmDpchCodePowerSf256_16	Sum
pmDpchCodePowerSf256_17	ACCUMULATION	INTEGER	The average transmitted code power on a DPCH channel for spreading factor 256.	ME_NodeBFunction_Carrier_RadioLinks.pmDpchCodePowerSf256_17	Sum
pmDpchCodePowerSf256_18	ACCUMULATION	INTEGER	The average transmitted code power on a DPCH	ME_NodeBFunction_Carrier_RadioLinks.pmDpchCodePowerSf256_18	Sum

			channel for spreading factor 256.			
pmDpchCodePowerSf256_19	ACCUMULATION	INTEGER	The average transmitted code power on a DPCH channel for spreading factor 256.	ME_NodeBFunction_Carrier_RadioLinks.pmDpchCodePowerSf256_19	Sum	
pmDpchCodePowerSf256_1	ACCUMULATION	INTEGER	The average transmitted code power on a DPCH channel for spreading factor 256.	ME_NodeBFunction_Carrier_RadioLinks.pmDpchCodePowerSf256_1	Sum	
pmDpchCodePowerSf256_20	ACCUMULATION	INTEGER	The average transmitted code	ME_NodeBFunction_Carrier_RadioLinks.pmDpchCodePowerSf256_20	Sum	

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			power on a DPCH channel for spreading factor 256.			
pmDpchCodePowerSf256_21	ACCUMULATION	INTEGER	The average transmitted code power on a DPCH channel for spreading factor 256.	ME_NodeBFunction_Carrier_RadioLinks.pmDpchCodePowerSf256_21	Sum	
pmDpchCodePowerSf256_22	ACCUMULATION	INTEGER	The average transmitted code power on a DPCH channel for spreading factor 256.	ME_NodeBFunction_Carrier_RadioLinks.pmDpchCodePowerSf256_22	Sum	
pmDpchCodePowerSf256_23	ACCUMULATION	INTEGER	The average transmitted code power on a	ME_NodeBFunction_Carrier_RadioLinks.pmDpchCodePowerSf256_23	Sum	

			DPCH channel for spreading factor 256.			
pmDpchCodePowerSf256_24	ACCUMULATION	INTEGER	The average transmitted code power on a DPCH channel for spreading factor 256.	ME_NodeBFunction_Carrier_RadioLinks.pmDpchCodePowerSf256_24	Sum	
pmDpchCodePowerSf256_25	ACCUMULATION	INTEGER	The average transmitted code power on a DPCH channel for spreading factor 256.	ME_NodeBFunction_Carrier_RadioLinks.pmDpchCodePowerSf256_25	Sum	
pmDpchCodePowerSf256_26	ACCUMULATION	INTEGER	The average transmitted	ME_NodeBFunction_Carrier_RadioLinks.pmDpchCodePowerSf256_26	Sum	

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			code power on a DPCH channel for spreading factor 256.			
pmDpchCodePowerSf256_27	ACCUMULATION	INTEGER	The average transmitted code power on a DPCH channel for spreading factor 256.	ME_NodeBFunction_Carrier_RadioLinks.pmDpchCodePowerSf256_27	Sum	
pmDpchCodePowerSf256_28	ACCUMULATION	INTEGER	The average transmitted code power on a DPCH channel for spreading factor 256.	ME_NodeBFunction_Carrier_RadioLinks.pmDpchCodePowerSf256_28	Sum	
pmDpchCodePowerSf256_29	ACCUMULATION	INTEGER	The average transmitted code power	ME_NodeBFunction_Carrier_RadioLinks.pmDpchCodePowerSf256_29	Sum	

			on a DPCH channel for spreading factor 256.			
pmDpchCodePowerSf256_2	ACCUMULATION	INTEGER	The average transmitted code power on a DPCH channel for spreading factor 256.	ME_NodeBFunction_Carrier_RadioLinks.pmDpchCodePowerSf256_2	Sum	
pmDpchCodePowerSf256_30	ACCUMULATION	INTEGER	The average transmitted code power on a DPCH channel for spreading factor 256.	ME_NodeBFunction_Carrier_RadioLinks.pmDpchCodePowerSf256_30	Sum	
pmDpchCodePowerSf256_31	ACCUMULATION	INTEGER	The average transmit	ME_NodeBFunction_Carrier_RadioLinks.pmDpchCodePowerSf256_31	Sum	

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			ted code power on a DPCH channel for spreadi ng factor 256.			
pmDpchCodePowerSf256_32	ACCUMULATION	INTEGER	The average transmit ted code power on a DPCH channel for spreadi ng factor 256.	ME_NodeBFunction_Carrier_RadioLinks.pmDpchCodePowerSf256_32	Sum	
pmDpchCodePowerSf256_33	ACCUMULATION	INTEGER	The average transmit ted code power on a DPCH channel for spreadi ng factor 256.	ME_NodeBFunction_Carrier_RadioLinks.pmDpchCodePowerSf256_33	Sum	
pmDpchCodePowerSf256_34	ACCUMULATION	INTEGER	The average transmit ted code	ME_NodeBFunction_Carrier_RadioLinks.pmDpchCodePowerSf256_34	Sum	

			power on a DPCH channel for spreading factor 256.			
pmDpchCodePowerSf256_35	ACCUMULATION	INTEGER	The average transmitted code power on a DPCH channel for spreading factor 256.	ME_NodeBFunction_Carrier_RadioLinks.pmDpchCodePowerSf256_35	Sum	
pmDpchCodePowerSf256_36	ACCUMULATION	INTEGER	The average transmitted code power on a DPCH channel for spreading factor 256.	ME_NodeBFunction_Carrier_RadioLinks.pmDpchCodePowerSf256_36	Sum	
pmDpchCodePowerSf256_37	ACCUMULATION	INTEGER	The average	ME_NodeBFunction_Carrier_RadioLinks.pmDpchCo	Sum	

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			transmitted code power on a DPCH channel for spreading factor 256.	dePowerSf256_37		
pmDpchCodePowerSf256_3	ACCUMULATION	INTEGER	The average transmitted code power on a DPCH channel for spreading factor 256.	ME_NodeBFunction_Carrier_RadioLinks.pmDpchCodePowerSf256_3	Sum	
pmDpchCodePowerSf256_4	ACCUMULATION	INTEGER	The average transmitted code power on a DPCH channel for spreading factor 256.	ME_NodeBFunction_Carrier_RadioLinks.pmDpchCodePowerSf256_4	Sum	
pmDpchCodePowerSf256_5	ACCUMULATION	INTEGER	The average transmitted	ME_NodeBFunction_Carrier_RadioLinks.pmDpchCodePowerSf256_5	Sum	

			code power on a DPCH channel for spreading factor 256.			
pmDpchCodePowerSf256_6	ACCUMULATION	INTEGER	The average transmitted code power on a DPCH channel for spreading factor 256.	ME_NodeBFunction_Carrier_RadioLinks.pmDpchCodePowerSf256_6	Sum	
pmDpchCodePowerSf256_7	ACCUMULATION	INTEGER	The average transmitted code power on a DPCH channel for spreading factor 256.	ME_NodeBFunction_Carrier_RadioLinks.pmDpchCodePowerSf256_7	Sum	
pmDpchCodePow	ACCUMUL	INTE	The	ME_NodeBFunction_Carri	Sum	

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erSf256_8	ATION	GER	average transmitted code power on a DPCH channel for spreading factor 256.	er_RadioLinks.pmDpchCodePowerSf256_8		
pmDpchCodePowerSf256_9	ACCUMULATION	INTEGER	The average transmitted code power on a DPCH channel for spreading factor 256.	ME_NodeBFunction_Carrier_RadioLinks.pmDpchCodePowerSf256_9	Sum	

7.69.8 Radio_Link.Ericsson.UMTS.PDF_pmDpchCodePowerSf32

pmDpchCodePowerSf32 PDF counters

KPI	Type	Data Type	Description	Derivation	Default Aggregator	Other Aggregators
pmDpchCodePowerSf32_0	ACCUMULATION	INTEGER	The average transmitted code power on a DPCH channel for	ME_NodeBFunction_Carrier_RadioLinks.pmDpchCodePowerSf32_0	Sum	

			spreadin g factor 32.			
pmDpchCodePow erSf32_10	ACCUMULA TION	INTE GER	The average transmit ted code power on a DPCH channel for spreadin g factor 32.	ME_NodeBFunction_Carri er_RadioLinks.pmDpchCo dePowerSf32_10	Sum	
pmDpchCodePow erSf32_11	ACCUMULA TION	INTE GER	The average transmit ted code power on a DPCH channel for spreadin g factor 32.	ME_NodeBFunction_Carri er_RadioLinks.pmDpchCo dePowerSf32_11	Sum	
pmDpchCodePow erSf32_12	ACCUMULA TION	INTE GER	The average transmit ted code power on a DPCH channel for spreadin g factor 32.	ME_NodeBFunction_Carri er_RadioLinks.pmDpchCo dePowerSf32_12	Sum	

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pmDpchCodePowerSf32_13	ACCUMULATION	INTEGER	The average transmitted code power on a DPCH channel for spreading factor 32.	ME_NodeBFunction_Carrier_RadioLinks.pmDpchCodePowerSf32_13	Sum	
pmDpchCodePowerSf32_14	ACCUMULATION	INTEGER	The average transmitted code power on a DPCH channel for spreading factor 32.	ME_NodeBFunction_Carrier_RadioLinks.pmDpchCodePowerSf32_14	Sum	
pmDpchCodePowerSf32_15	ACCUMULATION	INTEGER	The average transmitted code power on a DPCH channel for spreading factor 32.	ME_NodeBFunction_Carrier_RadioLinks.pmDpchCodePowerSf32_15	Sum	
pmDpchCodePowerSf32_16	ACCUMULATION	INTEGER	The average transmitted code power on a DPCH channel	ME_NodeBFunction_Carrier_RadioLinks.pmDpchCodePowerSf32_16	Sum	

			for spreading factor 32.			
pmDpchCodePowerSf32_17	ACCUMULATION	INTEGER	The average transmitted code power on a DPCH channel for spreading factor 32.	ME_NodeBFunction_Carrier_RadioLinks.pmDpchCodePowerSf32_17	Sum	
pmDpchCodePowerSf32_18	ACCUMULATION	INTEGER	The average transmitted code power on a DPCH channel for spreading factor 32.	ME_NodeBFunction_Carrier_RadioLinks.pmDpchCodePowerSf32_18	Sum	
pmDpchCodePowerSf32_19	ACCUMULATION	INTEGER	The average transmitted code power on a DPCH channel for spreading factor	ME_NodeBFunction_Carrier_RadioLinks.pmDpchCodePowerSf32_19	Sum	

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			32.			
pmDpchCodePowerSf32_1	ACCUMULATION	INTEGER	The average transmitted code power on a DPCH channel for spreading factor 32.	ME_NodeBFunction_Carrier_RadioLinks.pmDpchCodePowerSf32_1	Sum	
pmDpchCodePowerSf32_20	ACCUMULATION	INTEGER	The average transmitted code power on a DPCH channel for spreading factor 32.	ME_NodeBFunction_Carrier_RadioLinks.pmDpchCodePowerSf32_20	Sum	
pmDpchCodePowerSf32_21	ACCUMULATION	INTEGER	The average transmitted code power on a DPCH channel for spreading factor 32.	ME_NodeBFunction_Carrier_RadioLinks.pmDpchCodePowerSf32_21	Sum	
pmDpchCodePowerSf32_22	ACCUMULATION	INTEGER	The average transmitted code power on a	ME_NodeBFunction_Carrier_RadioLinks.pmDpchCodePowerSf32_22	Sum	

			DPCH channel for spreading factor 32.			
pmDpchCodePowerSf32_23	ACCUMULATION	INTEGER	The average transmitted code power on a DPCH channel for spreading factor 32.	ME_NodeBFunction_Carrier_RadioLinks.pmDpchCodePowerSf32_23	Sum	
pmDpchCodePowerSf32_24	ACCUMULATION	INTEGER	The average transmitted code power on a DPCH channel for spreading factor 32.	ME_NodeBFunction_Carrier_RadioLinks.pmDpchCodePowerSf32_24	Sum	
pmDpchCodePowerSf32_25	ACCUMULATION	INTEGER	The average transmitted code power on a DPCH channel for	ME_NodeBFunction_Carrier_RadioLinks.pmDpchCodePowerSf32_25	Sum	

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			spreadin g factor 32.			
pmDpchCodePow erSf32_26	ACCUMULA TION	INTE GER	The average transmit ted code power on a DPCH channel for spreadin g factor 32.	ME_NodeBFunction_Carri er_RadioLinks.pmDpchCo dePowerSf32_26	Sum	
pmDpchCodePow erSf32_27	ACCUMULA TION	INTE GER	The average transmit ted code power on a DPCH channel for spreadin g factor 32.	ME_NodeBFunction_Carri er_RadioLinks.pmDpchCo dePowerSf32_27	Sum	
pmDpchCodePow erSf32_28	ACCUMULA TION	INTE GER	The average transmit ted code power on a DPCH channel for spreadin g factor 32.	ME_NodeBFunction_Carri er_RadioLinks.pmDpchCo dePowerSf32_28	Sum	
pmDpchCodePow erSf32_29	ACCUMULA TION	INTE GER	The average transmit ted code	ME_NodeBFunction_Carri er_RadioLinks.pmDpchCo dePowerSf32_29	Sum	

			power on a DPCH channel for spreading factor 32.			
pmDpchCodePowerSf32_2	ACCUMULATION	INTEGER	The average transmitted code power on a DPCH channel for spreading factor 32.	ME_NodeBFunction_Carrier_RadioLinks.pmDpchCodePowerSf32_2	Sum	
pmDpchCodePowerSf32_30	ACCUMULATION	INTEGER	The average transmitted code power on a DPCH channel for spreading factor 32.	ME_NodeBFunction_Carrier_RadioLinks.pmDpchCodePowerSf32_30	Sum	
pmDpchCodePowerSf32_31	ACCUMULATION	INTEGER	The average transmitted code power on a DPCH	ME_NodeBFunction_Carrier_RadioLinks.pmDpchCodePowerSf32_31	Sum	

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			channel for spreading factor 32.			
pmDpchCodePowerSf32_32	ACCUMULATION	INTEGER	The average transmitted code power on a DPCH channel for spreading factor 32.	ME_NodeBFunction_Carrier_RadioLinks.pmDpchCodePowerSf32_32	Sum	
pmDpchCodePowerSf32_33	ACCUMULATION	INTEGER	The average transmitted code power on a DPCH channel for spreading factor 32.	ME_NodeBFunction_Carrier_RadioLinks.pmDpchCodePowerSf32_33	Sum	
pmDpchCodePowerSf32_34	ACCUMULATION	INTEGER	The average transmitted code power on a DPCH channel for spreading factor 32.	ME_NodeBFunction_Carrier_RadioLinks.pmDpchCodePowerSf32_34	Sum	
pmDpchCodePowerSf32_35	ACCUMULATION	INTEGER	The average	ME_NodeBFunction_Carrier_RadioLinks.pmDpchCo	Sum	

			transmitted code power on a DPCH channel for spreading factor 32.	dePowerSf32_35		
pmDpchCodePowerSf32_36	ACCUMULATION	INTEGER	The average transmitted code power on a DPCH channel for spreading factor 32.	ME_NodeBFunction_Carrier_RadioLinks.pmDpchCodePowerSf32_36	Sum	
pmDpchCodePowerSf32_37	ACCUMULATION	INTEGER	The average transmitted code power on a DPCH channel for spreading factor 32.	ME_NodeBFunction_Carrier_RadioLinks.pmDpchCodePowerSf32_37	Sum	
pmDpchCodePowerSf32_3	ACCUMULATION	INTEGER	The average transmitted code power	ME_NodeBFunction_Carrier_RadioLinks.pmDpchCodePowerSf32_3	Sum	

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			on a DPCH channel for spreading factor 32.			
pmDpchCodePowerSf32_4	ACCUMULATION	INTEGER	The average transmitted code power on a DPCH channel for spreading factor 32.	ME_NodeBFunction_Carrier_RadioLinks.pmDpchCodePowerSf32_4	Sum	
pmDpchCodePowerSf32_5	ACCUMULATION	INTEGER	The average transmitted code power on a DPCH channel for spreading factor 32.	ME_NodeBFunction_Carrier_RadioLinks.pmDpchCodePowerSf32_5	Sum	
pmDpchCodePowerSf32_6	ACCUMULATION	INTEGER	The average transmitted code power on a DPCH channel for spreading factor 32.	ME_NodeBFunction_Carrier_RadioLinks.pmDpchCodePowerSf32_6	Sum	

pmDpchCodePowerSf32_7	ACCUMULATION	INTEGER	The average transmitted code power on a DPCH channel for spreading factor 32.	ME_NodeBFunction_Carrier_RadioLinks.pmDpchCodePowerSf32_7	Sum	
pmDpchCodePowerSf32_8	ACCUMULATION	INTEGER	The average transmitted code power on a DPCH channel for spreading factor 32.	ME_NodeBFunction_Carrier_RadioLinks.pmDpchCodePowerSf32_8	Sum	
pmDpchCodePowerSf32_9	ACCUMULATION	INTEGER	The average transmitted code power on a DPCH channel for spreading factor 32.	ME_NodeBFunction_Carrier_RadioLinks.pmDpchCodePowerSf32_9	Sum	

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7.69.9 Radio_Link.Ericsson.UMTS.PDF_pmDpchCodePowerSf4

pmDpchCodePowerSf4 PDF counters

KPI	Type	Data Type	Description	Derivation	Default Aggregator	Other Aggregators
pmDpchCodePowerSf4_0	ACCUMULATION	INTEGER	The average transmitted code power on a DPCH channel for spreading factor 4.	ME_NodeBFunction_Carrier_RadioLinks.pmDpchCodePowerSf4_0	Sum	
pmDpchCodePowerSf4_10	ACCUMULATION	INTEGER	The average transmitted code power on a DPCH channel for spreading factor 4.	ME_NodeBFunction_Carrier_RadioLinks.pmDpchCodePowerSf4_10	Sum	
pmDpchCodePowerSf4_11	ACCUMULATION	INTEGER	The average transmitted code power on a DPCH channel for spreading factor 4.	ME_NodeBFunction_Carrier_RadioLinks.pmDpchCodePowerSf4_11	Sum	
pmDpchCodePowerSf4_12	ACCUMULATION	INTEGER	The average	ME_NodeBFunction_Carrier_RadioLinks.pmDpchC	Sum	

			transmitted code power on a DPCH channel for spreading factor 4.	odePowerSf4_12		
pmDpchCodePowerSf4_13	ACCUMULATION	INTEGER	The average transmitted code power on a DPCH channel for spreading factor 4.	ME_NodeBFunction_Carrier_RadioLinks.pmDpchCodePowerSf4_13	Sum	
pmDpchCodePowerSf4_14	ACCUMULATION	INTEGER	The average transmitted code power on a DPCH channel for spreading factor 4.	ME_NodeBFunction_Carrier_RadioLinks.pmDpchCodePowerSf4_14	Sum	
pmDpchCodePowerSf4_15	ACCUMULATION	INTEGER	The average transmitted code power	ME_NodeBFunction_Carrier_RadioLinks.pmDpchCodePowerSf4_15	Sum	

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			on a DPCH channel for spreading factor 4.			
pmDpchCodePowerSf4_16	ACCUMULATION	INTEGER	The average transmitted code power on a DPCH channel for spreading factor 4.	ME_NodeBFunction_Carrier_RadioLinks.pmDpchCodePowerSf4_16	Sum	
pmDpchCodePowerSf4_17	ACCUMULATION	INTEGER	The average transmitted code power on a DPCH channel for spreading factor 4.	ME_NodeBFunction_Carrier_RadioLinks.pmDpchCodePowerSf4_17	Sum	
pmDpchCodePowerSf4_18	ACCUMULATION	INTEGER	The average transmitted code power on a DPCH channel for spreading factor 4.	ME_NodeBFunction_Carrier_RadioLinks.pmDpchCodePowerSf4_18	Sum	

pmDpchCodePowerSf4_19	ACCUMULATION	INTEGER	The average transmitted code power on a DPCH channel for spreading factor 4.	ME_NodeBFunction_Carrier_RadioLinks.pmDpchCodePowerSf4_19	Sum	
pmDpchCodePowerSf4_1	ACCUMULATION	INTEGER	The average transmitted code power on a DPCH channel for spreading factor 4.	ME_NodeBFunction_Carrier_RadioLinks.pmDpchCodePowerSf4_1	Sum	
pmDpchCodePowerSf4_20	ACCUMULATION	INTEGER	The average transmitted code power on a DPCH channel for spreading factor 4.	ME_NodeBFunction_Carrier_RadioLinks.pmDpchCodePowerSf4_20	Sum	
pmDpchCodePowerSf4_21	ACCUMULATION	INTEGER	The average transmitted	ME_NodeBFunction_Carrier_RadioLinks.pmDpchCodePowerSf4_21	Sum	

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			ed code power on a DPCH channel for spreading factor 4.			
pmDpchCodePowerSf4_22	ACCUMULATION	INTEGER	The average transmitted code power on a DPCH channel for spreading factor 4.	ME_NodeBFunction_Carrier_RadioLinks.pmDpchCodePowerSf4_22	Sum	
pmDpchCodePowerSf4_23	ACCUMULATION	INTEGER	The average transmitted code power on a DPCH channel for spreading factor 4.	ME_NodeBFunction_Carrier_RadioLinks.pmDpchCodePowerSf4_23	Sum	
pmDpchCodePowerSf4_24	ACCUMULATION	INTEGER	The average transmitted code power on a DPCH channel for spreading factor 4.	ME_NodeBFunction_Carrier_RadioLinks.pmDpchCodePowerSf4_24	Sum	

			4.			
pmDpchCodePowerSf4_25	ACCUMULATION	INTEGER	The average transmitted code power on a DPCH channel for spreading factor 4.	ME_NodeBFunction_Carrier_RadioLinks.pmDpchCodePowerSf4_25	Sum	
pmDpchCodePowerSf4_26	ACCUMULATION	INTEGER	The average transmitted code power on a DPCH channel for spreading factor 4.	ME_NodeBFunction_Carrier_RadioLinks.pmDpchCodePowerSf4_26	Sum	
pmDpchCodePowerSf4_27	ACCUMULATION	INTEGER	The average transmitted code power on a DPCH channel for spreading factor 4.	ME_NodeBFunction_Carrier_RadioLinks.pmDpchCodePowerSf4_27	Sum	
pmDpchCodePo	ACCUMULA	INTE	The	ME_NodeBFunction_Carr	Sum	

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werSf4_28	TION	GER	average transmitted code power on a DPCH channel for spreading factor 4.	ier_RadioLinks.pmDpchCodePowerSf4_28		
pmDpchCodePowerSf4_29	ACCUMULATION	INTEGER	The average transmitted code power on a DPCH channel for spreading factor 4.	ME_NodeBFunction_Carrier_RadioLinks.pmDpchCodePowerSf4_29	Sum	
pmDpchCodePowerSf4_2	ACCUMULATION	INTEGER	The average transmitted code power on a DPCH channel for spreading factor 4.	ME_NodeBFunction_Carrier_RadioLinks.pmDpchCodePowerSf4_2	Sum	
pmDpchCodePowerSf4_30	ACCUMULATION	INTEGER	The average transmitted code power on a DPCH channel for	ME_NodeBFunction_Carrier_RadioLinks.pmDpchCodePowerSf4_30	Sum	

			spreadin g factor 4.			
pmDpchCodePo werSf4_31	ACCUMULA TION	INTE GER	The average transmitt ed code power on a DPCH channel for spreadin g factor 4.	ME_NodeBFunction_Carr ier_RadioLinks.pmDpchC odePowerSf4_31	Sum	
pmDpchCodePo werSf4_32	ACCUMULA TION	INTE GER	The average transmitt ed code power on a DPCH channel for spreadin g factor 4.	ME_NodeBFunction_Carr ier_RadioLinks.pmDpchC odePowerSf4_32	Sum	
pmDpchCodePo werSf4_33	ACCUMULA TION	INTE GER	The average transmitt ed code power on a DPCH channel for spreadin g factor 4.	ME_NodeBFunction_Carr ier_RadioLinks.pmDpchC odePowerSf4_33	Sum	

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pmDpchCodePowerSf4_34	ACCUMULATION	INTEGER	The average transmitted code power on a DPCH channel for spreading factor 4.	ME_NodeBFunction_Carrier_RadioLinks.pmDpchCodePowerSf4_34	Sum	
pmDpchCodePowerSf4_35	ACCUMULATION	INTEGER	The average transmitted code power on a DPCH channel for spreading factor 4.	ME_NodeBFunction_Carrier_RadioLinks.pmDpchCodePowerSf4_35	Sum	
pmDpchCodePowerSf4_36	ACCUMULATION	INTEGER	The average transmitted code power on a DPCH channel for spreading factor 4.	ME_NodeBFunction_Carrier_RadioLinks.pmDpchCodePowerSf4_36	Sum	
pmDpchCodePowerSf4_37	ACCUMULATION	INTEGER	The average transmitted code power on a DPCH channel	ME_NodeBFunction_Carrier_RadioLinks.pmDpchCodePowerSf4_37	Sum	

			for spreading factor 4.			
pmDpchCodePowerSf4_3	ACCUMULATION	INTEGER	The average transmitted code power on a DPCH channel for spreading factor 4.	ME_NodeBFunction_Carrier_RadioLinks.pmDpchCodePowerSf4_3	Sum	
pmDpchCodePowerSf4_4	ACCUMULATION	INTEGER	The average transmitted code power on a DPCH channel for spreading factor 4.	ME_NodeBFunction_Carrier_RadioLinks.pmDpchCodePowerSf4_4	Sum	
pmDpchCodePowerSf4_5	ACCUMULATION	INTEGER	The average transmitted code power on a DPCH channel for spreading factor 4.	ME_NodeBFunction_Carrier_RadioLinks.pmDpchCodePowerSf4_5	Sum	

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			4.			
pmDpchCodePowerSf4_6	ACCUMULATION	INTEGER	The average transmitted code power on a DPCH channel for spreading factor 4.	ME_NodeBFunction_Carrier_RadioLinks.pmDpchCodePowerSf4_6	Sum	
pmDpchCodePowerSf4_7	ACCUMULATION	INTEGER	The average transmitted code power on a DPCH channel for spreading factor 4.	ME_NodeBFunction_Carrier_RadioLinks.pmDpchCodePowerSf4_7	Sum	
pmDpchCodePowerSf4_8	ACCUMULATION	INTEGER	The average transmitted code power on a DPCH channel for spreading factor 4.	ME_NodeBFunction_Carrier_RadioLinks.pmDpchCodePowerSf4_8	Sum	
pmDpchCodePowerSf4_9	ACCUMULATION	INTEGER	The average transmitted code power on a	ME_NodeBFunction_Carrier_RadioLinks.pmDpchCodePowerSf4_9	Sum	

			DPCH channel for spreading factor 4.			
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7.69.10Radio_Link.Ericsson.UMTS.PDF_pmDpchCodePowerSf64

pmDpchCodePowerSf64 PDF counters

KPI	Type	Data Type	Description	Derivation	Default Aggregator	Other Aggregators
pmDpchCodePowerSf64_0	ACCUMULATION	INTEGER	The average transmitted code power on a DPCH channel for spreading factor 64.	ME_NodeBFunction_Carrier_RadioLinks.pmDpchCodePowerSf64_0	Sum	
pmDpchCodePowerSf64_10	ACCUMULATION	INTEGER	The average transmitted code power on a DPCH channel for spreading factor 64.	ME_NodeBFunction_Carrier_RadioLinks.pmDpchCodePowerSf64_10	Sum	
pmDpchCodePowerSf64_100	ACCUMULATION	INTEGER	The average transmitted code power on a DPCH channel for spreading factor 64.	ME_NodeBFunction_Carrier_RadioLinks.pmDpchCodePowerSf64_100	Sum	

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erSf64_11	TION	GER	average transmitted code power on a DPCH channel for spreading factor 64.	er_RadioLinks.pmDpchCodePowerSf64_11		
pmDpchCodePowerSf64_12	ACCUMULATION	INTEGER	The average transmitted code power on a DPCH channel for spreading factor 64.	ME_NodeBFunction_Carrier_RadioLinks.pmDpchCodePowerSf64_12	Sum	
pmDpchCodePowerSf64_13	ACCUMULATION	INTEGER	The average transmitted code power on a DPCH channel for spreading factor 64.	ME_NodeBFunction_Carrier_RadioLinks.pmDpchCodePowerSf64_13	Sum	
pmDpchCodePowerSf64_14	ACCUMULATION	INTEGER	The average transmitted code power on a DPCH channel for	ME_NodeBFunction_Carrier_RadioLinks.pmDpchCodePowerSf64_14	Sum	

			spreadin g factor 64.			
pmDpchCodePow erSf64_15	ACCUMULA TION	INTE GER	The average transmit ted code power on a DPCH channel for spreadin g factor 64.	ME_NodeBFunction_Carri er_RadioLinks.pmDpchCo dePowerSf64_15	Sum	
pmDpchCodePow erSf64_16	ACCUMULA TION	INTE GER	The average transmit ted code power on a DPCH channel for spreadin g factor 64.	ME_NodeBFunction_Carri er_RadioLinks.pmDpchCo dePowerSf64_16	Sum	
pmDpchCodePow erSf64_17	ACCUMULA TION	INTE GER	The average transmit ted code power on a DPCH channel for spreadin g factor 64.	ME_NodeBFunction_Carri er_RadioLinks.pmDpchCo dePowerSf64_17	Sum	

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pmDpchCodePowerSf64_18	ACCUMULATION	INTEGER	The average transmitted code power on a DPCH channel for spreading factor 64.	ME_NodeBFunction_Carrier_RadioLinks.pmDpchCodePowerSf64_18	Sum	
pmDpchCodePowerSf64_19	ACCUMULATION	INTEGER	The average transmitted code power on a DPCH channel for spreading factor 64.	ME_NodeBFunction_Carrier_RadioLinks.pmDpchCodePowerSf64_19	Sum	
pmDpchCodePowerSf64_1	ACCUMULATION	INTEGER	The average transmitted code power on a DPCH channel for spreading factor 64.	ME_NodeBFunction_Carrier_RadioLinks.pmDpchCodePowerSf64_1	Sum	
pmDpchCodePowerSf64_20	ACCUMULATION	INTEGER	The average transmitted code power on a DPCH channel	ME_NodeBFunction_Carrier_RadioLinks.pmDpchCodePowerSf64_20	Sum	

			for spreading factor 64.			
pmDpchCodePowerSf64_21	ACCUMULATION	INTEGER	The average transmitted code power on a DPCH channel for spreading factor 64.	ME_NodeBFunction_Carrier_RadioLinks.pmDpchCodePowerSf64_21	Sum	
pmDpchCodePowerSf64_22	ACCUMULATION	INTEGER	The average transmitted code power on a DPCH channel for spreading factor 64.	ME_NodeBFunction_Carrier_RadioLinks.pmDpchCodePowerSf64_22	Sum	
pmDpchCodePowerSf64_23	ACCUMULATION	INTEGER	The average transmitted code power on a DPCH channel for spreading factor	ME_NodeBFunction_Carrier_RadioLinks.pmDpchCodePowerSf64_23	Sum	

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			64.			
pmDpchCodePowerSf64_24	ACCUMULATION	INTEGER	The average transmitted code power on a DPCH channel for spreading factor 64.	ME_NodeBFunction_Carrier_RadioLinks.pmDpchCodePowerSf64_24	Sum	
pmDpchCodePowerSf64_25	ACCUMULATION	INTEGER	The average transmitted code power on a DPCH channel for spreading factor 64.	ME_NodeBFunction_Carrier_RadioLinks.pmDpchCodePowerSf64_25	Sum	
pmDpchCodePowerSf64_26	ACCUMULATION	INTEGER	The average transmitted code power on a DPCH channel for spreading factor 64.	ME_NodeBFunction_Carrier_RadioLinks.pmDpchCodePowerSf64_26	Sum	
pmDpchCodePowerSf64_27	ACCUMULATION	INTEGER	The average transmitted code power on a	ME_NodeBFunction_Carrier_RadioLinks.pmDpchCodePowerSf64_27	Sum	

			DPCH channel for spreading factor 64.			
pmDpchCodePowerSf64_28	ACCUMULATION	INTEGER	The average transmitted code power on a DPCH channel for spreading factor 64.	ME_NodeBFunction_Carrier_RadioLinks.pmDpchCodePowerSf64_28	Sum	
pmDpchCodePowerSf64_29	ACCUMULATION	INTEGER	The average transmitted code power on a DPCH channel for spreading factor 64.	ME_NodeBFunction_Carrier_RadioLinks.pmDpchCodePowerSf64_29	Sum	
pmDpchCodePowerSf64_2	ACCUMULATION	INTEGER	The average transmitted code power on a DPCH channel for	ME_NodeBFunction_Carrier_RadioLinks.pmDpchCodePowerSf64_2	Sum	

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			spreadin g factor 64.			
pmDpchCodePow erSf64_30	ACCUMULA TION	INTE GER	The average transmit ted code power on a DPCH channel for spreadin g factor 64.	ME_NodeBFunction_Carri er_RadioLinks.pmDpchCo dePowerSf64_30	Sum	
pmDpchCodePow erSf64_31	ACCUMULA TION	INTE GER	The average transmit ted code power on a DPCH channel for spreadin g factor 64.	ME_NodeBFunction_Carri er_RadioLinks.pmDpchCo dePowerSf64_31	Sum	
pmDpchCodePow erSf64_32	ACCUMULA TION	INTE GER	The average transmit ted code power on a DPCH channel for spreadin g factor 64.	ME_NodeBFunction_Carri er_RadioLinks.pmDpchCo dePowerSf64_32	Sum	
pmDpchCodePow erSf64_33	ACCUMULA TION	INTE GER	The average transmit ted code	ME_NodeBFunction_Carri er_RadioLinks.pmDpchCo dePowerSf64_33	Sum	

			power on a DPCH channel for spreading factor 64.			
pmDpchCodePowerSf64_34	ACCUMULATION	INTEGER	The average transmitted code power on a DPCH channel for spreading factor 64.	ME_NodeBFunction_Carrier_RadioLinks.pmDpchCodePowerSf64_34	Sum	
pmDpchCodePowerSf64_35	ACCUMULATION	INTEGER	The average transmitted code power on a DPCH channel for spreading factor 64.	ME_NodeBFunction_Carrier_RadioLinks.pmDpchCodePowerSf64_35	Sum	
pmDpchCodePowerSf64_36	ACCUMULATION	INTEGER	The average transmitted code power on a DPCH	ME_NodeBFunction_Carrier_RadioLinks.pmDpchCodePowerSf64_36	Sum	

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			channel for spreading factor 64.			
pmDpchCodePowerSf64_37	ACCUMULATION	INTEGER	The average transmitted code power on a DPCH channel for spreading factor 64.	ME_NodeBFunction_Carrier_RadioLinks.pmDpchCodePowerSf64_37	Sum	
pmDpchCodePowerSf64_3	ACCUMULATION	INTEGER	The average transmitted code power on a DPCH channel for spreading factor 64.	ME_NodeBFunction_Carrier_RadioLinks.pmDpchCodePowerSf64_3	Sum	
pmDpchCodePowerSf64_4	ACCUMULATION	INTEGER	The average transmitted code power on a DPCH channel for spreading factor 64.	ME_NodeBFunction_Carrier_RadioLinks.pmDpchCodePowerSf64_4	Sum	
pmDpchCodePowerSf64_5	ACCUMULATION	INTEGER	The average	ME_NodeBFunction_Carrier_RadioLinks.pmDpchCo	Sum	

			transmitted code power on a DPCH channel for spreading factor 64.	dePowerSf64_5		
pmDpchCodePowerSf64_6	ACCUMULATION	INTEGER	The average transmitted code power on a DPCH channel for spreading factor 64.	ME_NodeBFunction_Carrier_RadioLinks.pmDpchCodePowerSf64_6	Sum	
pmDpchCodePowerSf64_7	ACCUMULATION	INTEGER	The average transmitted code power on a DPCH channel for spreading factor 64.	ME_NodeBFunction_Carrier_RadioLinks.pmDpchCodePowerSf64_7	Sum	
pmDpchCodePowerSf64_8	ACCUMULATION	INTEGER	The average transmitted code power	ME_NodeBFunction_Carrier_RadioLinks.pmDpchCodePowerSf64_8	Sum	

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			on a DPCH channel for spreading factor 64.			
pmDpchCodePowerSf64_9	ACCUMULATION	INTEGER	The average transmitted code power on a DPCH channel for spreading factor 64.	ME_NodeBFunction_Carrier_RadioLinks.pmDpchCodePowerSf64_9	Sum	

7.69.11Radio_Link.Ericsson.UMTS.PDF_pmDpchCodePowerSf8

pmDpchCodePowerSf8 PDF counters

KPI	Type	Data Type	Description	Derivation	Default Aggregator	Other Aggregators
pmDpchCodePowerSf8_0	ACCUMULATION	INTEGER	The average transmitted code power on a DPCH channel for spreading factor 8.	ME_NodeBFunction_Carrier_RadioLinks.pmDpchCodePowerSf8_0	Sum	
pmDpchCodePowerSf8_10	ACCUMULATION	INTEGER	The average transmitted code power	ME_NodeBFunction_Carrier_RadioLinks.pmDpchCodePowerSf8_10	Sum	

			on a DPCH channel for spreading factor 8.			
pmDpchCodePowerSf8_11	ACCUMULATION	INTEGER	The average transmitted code power on a DPCH channel for spreading factor 8.	ME_NodeBFunction_Carrier_RadioLinks.pmDpchCodePowerSf8_11	Sum	
pmDpchCodePowerSf8_12	ACCUMULATION	INTEGER	The average transmitted code power on a DPCH channel for spreading factor 8.	ME_NodeBFunction_Carrier_RadioLinks.pmDpchCodePowerSf8_12	Sum	
pmDpchCodePowerSf8_13	ACCUMULATION	INTEGER	The average transmitted code power on a DPCH channel	ME_NodeBFunction_Carrier_RadioLinks.pmDpchCodePowerSf8_13	Sum	

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			for spreading factor 8.			
pmDpchCodePowerSf8_14	ACCUMULATION	INTEGER	The average transmitted code power on a DPCH channel for spreading factor 8.	ME_NodeBFunction_Carrier_RadioLinks.pmDpchCodePowerSf8_14	Sum	
pmDpchCodePowerSf8_15	ACCUMULATION	INTEGER	The average transmitted code power on a DPCH channel for spreading factor 8.	ME_NodeBFunction_Carrier_RadioLinks.pmDpchCodePowerSf8_15	Sum	
pmDpchCodePowerSf8_16	ACCUMULATION	INTEGER	The average transmitted code power on a DPCH channel for spreading factor 8.	ME_NodeBFunction_Carrier_RadioLinks.pmDpchCodePowerSf8_16	Sum	
pmDpchCodePowerSf8_17	ACCUMULATION	INTEGER	The average transmitted	ME_NodeBFunction_Carrier_RadioLinks.pmDpchCodePowerSf8_17	Sum	

			ed code power on a DPCH channel for spreading factor 8.			
pmDpchCodePowerSf8_18	ACCUMULATION	INTEGER	The average transmitted code power on a DPCH channel for spreading factor 8.	ME_NodeBFunction_Carrier_RadioLinks.pmDpchCodePowerSf8_18	Sum	
pmDpchCodePowerSf8_19	ACCUMULATION	INTEGER	The average transmitted code power on a DPCH channel for spreading factor 8.	ME_NodeBFunction_Carrier_RadioLinks.pmDpchCodePowerSf8_19	Sum	
pmDpchCodePowerSf8_1	ACCUMULATION	INTEGER	The average transmitted code power on a	ME_NodeBFunction_Carrier_RadioLinks.pmDpchCodePowerSf8_1	Sum	

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			DPCH channel for spreading factor 8.			
pmDpchCodePowerSf8_20	ACCUMULATION	INTEGER	The average transmitted code power on a DPCH channel for spreading factor 8.	ME_NodeBFunction_Carrier_RadioLinks.pmDpchCodePowerSf8_20	Sum	
pmDpchCodePowerSf8_21	ACCUMULATION	INTEGER	The average transmitted code power on a DPCH channel for spreading factor 8.	ME_NodeBFunction_Carrier_RadioLinks.pmDpchCodePowerSf8_21	Sum	
pmDpchCodePowerSf8_22	ACCUMULATION	INTEGER	The average transmitted code power on a DPCH channel for spreading factor 8.	ME_NodeBFunction_Carrier_RadioLinks.pmDpchCodePowerSf8_22	Sum	
pmDpchCodePo	ACCUMULA	INTE	The	ME_NodeBFunction_Carr	Sum	

werSf8_23	TION	GER	average transmitted code power on a DPCH channel for spreading factor 8.	ier_RadioLinks.pmDpchCodePowerSf8_23		
pmDpchCodePowerSf8_24	ACCUMULATION	INTEGER	The average transmitted code power on a DPCH channel for spreading factor 8.	ME_NodeBFunction_Carrier_RadioLinks.pmDpchCodePowerSf8_24	Sum	
pmDpchCodePowerSf8_25	ACCUMULATION	INTEGER	The average transmitted code power on a DPCH channel for spreading factor 8.	ME_NodeBFunction_Carrier_RadioLinks.pmDpchCodePowerSf8_25	Sum	
pmDpchCodePowerSf8_26	ACCUMULATION	INTEGER	The average transmitted code	ME_NodeBFunction_Carrier_RadioLinks.pmDpchCodePowerSf8_26	Sum	

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			power on a DPCH channel for spreading factor 8.			
pmDpchCodePowerSf8_27	ACCUMULATION	INTEGER	The average transmitted code power on a DPCH channel for spreading factor 8.	ME_NodeBFunction_Carrier_RadioLinks.pmDpchCodePowerSf8_27	Sum	
pmDpchCodePowerSf8_28	ACCUMULATION	INTEGER	The average transmitted code power on a DPCH channel for spreading factor 8.	ME_NodeBFunction_Carrier_RadioLinks.pmDpchCodePowerSf8_28	Sum	
pmDpchCodePowerSf8_29	ACCUMULATION	INTEGER	The average transmitted code power on a DPCH channel for spreading factor 8.	ME_NodeBFunction_Carrier_RadioLinks.pmDpchCodePowerSf8_29	Sum	

pmDpchCodePowerSf8_2	ACCUMULATION	INTEGER	The average transmitted code power on a DPCH channel for spreading factor 8.	ME_NodeBFunction_Carrier_RadioLinks.pmDpchCodePowerSf8_2	Sum	
pmDpchCodePowerSf8_30	ACCUMULATION	INTEGER	The average transmitted code power on a DPCH channel for spreading factor 8.	ME_NodeBFunction_Carrier_RadioLinks.pmDpchCodePowerSf8_30	Sum	
pmDpchCodePowerSf8_31	ACCUMULATION	INTEGER	The average transmitted code power on a DPCH channel for spreading factor 8.	ME_NodeBFunction_Carrier_RadioLinks.pmDpchCodePowerSf8_31	Sum	
pmDpchCodePowerSf8_32	ACCUMULATION	INTEGER	The average transmitted	ME_NodeBFunction_Carrier_RadioLinks.pmDpchCodePowerSf8_32	Sum	

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			ed code power on a DPCH channel for spreading factor 8.			
pmDpchCodePowerSf8_33	ACCUMULATION	INTEGER	The average transmitted code power on a DPCH channel for spreading factor 8.	ME_NodeBFunction_Carrier_RadioLinks.pmDpchCodePowerSf8_33	Sum	
pmDpchCodePowerSf8_34	ACCUMULATION	INTEGER	The average transmitted code power on a DPCH channel for spreading factor 8.	ME_NodeBFunction_Carrier_RadioLinks.pmDpchCodePowerSf8_34	Sum	
pmDpchCodePowerSf8_35	ACCUMULATION	INTEGER	The average transmitted code power on a DPCH channel for spreading factor 8.	ME_NodeBFunction_Carrier_RadioLinks.pmDpchCodePowerSf8_35	Sum	

			8.			
pmDpchCodePowerSf8_36	ACCUMULATION	INTEGER	The average transmitted code power on a DPCH channel for spreading factor 8.	ME_NodeBFunction_Carrier_RadioLinks.pmDpchCodePowerSf8_36	Sum	
pmDpchCodePowerSf8_37	ACCUMULATION	INTEGER	The average transmitted code power on a DPCH channel for spreading factor 8.	ME_NodeBFunction_Carrier_RadioLinks.pmDpchCodePowerSf8_37	Sum	
pmDpchCodePowerSf8_3	ACCUMULATION	INTEGER	The average transmitted code power on a DPCH channel for spreading factor 8.	ME_NodeBFunction_Carrier_RadioLinks.pmDpchCodePowerSf8_3	Sum	
pmDpchCodePo	ACCUMULA	INTE	The	ME_NodeBFunction_Carr	Sum	

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werSf8_4	TION	GER	average transmitted code power on a DPCH channel for spreading factor 8.	ier_RadioLinks.pmDpchCodePowerSf8_4		
pmDpchCodePowerSf8_5	ACCUMULATION	INTEGER	The average transmitted code power on a DPCH channel for spreading factor 8.	ME_NodeBFunction_Carrier_RadioLinks.pmDpchCodePowerSf8_5	Sum	
pmDpchCodePowerSf8_6	ACCUMULATION	INTEGER	The average transmitted code power on a DPCH channel for spreading factor 8.	ME_NodeBFunction_Carrier_RadioLinks.pmDpchCodePowerSf8_6	Sum	
pmDpchCodePowerSf8_7	ACCUMULATION	INTEGER	The average transmitted code power on a DPCH channel for	ME_NodeBFunction_Carrier_RadioLinks.pmDpchCodePowerSf8_7	Sum	

			spreadin g factor 8.			
pmDpchCodePo werSf8_8	ACCUMULA TION	INTE GER	The average transmitt ed code power on a DPCH channel for spreadin g factor 8.	ME_NodeBFunction_Carr ier_RadioLinks.pmDpchC odePowerSf8_8	Sum	
pmDpchCodePo werSf8_9	ACCUMULA TION	INTE GER	The average transmitt ed code power on a DPCH channel for spreadin g factor 8.	ME_NodeBFunction_Carr ier_RadioLinks.pmDpchC odePowerSf8_9	Sum	

7.69.12Radio_Link.Ericsson.UMTS.PDF_pmDpdchBer

pmDpdchBer PDF counters

KPI	Type	Data Type	Description	Derivation	Default Aggrega tor	Other Aggrega tors
pmDpdchBer_ 0	ACCUMULA TION	INTEG ER	The average BER for a transport channel	ME_NodeBFunction_ Carrier_RadioLinks.p mDpdchBer_0	Sum	

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			<p>carried by a DPDCH physical channel. Note that the values will contain DPCCH BER when it is not possible to measure DPDCH (no data on the TrCH). Measurement is performed on RadioLinkSet not on RadioLink - ie after RadioLink combination in UpLink.</p>		
pmDpdchBer_10	ACCUMULATION	INTEGER	<p>The average BER for a transport channel carried by a DPDCH physical channel. Note that the values will contain DPCCH BER when it is not possible to measure DPDCH (no data on the TrCH). Measurement is performed on RadioLinkSet not on</p>	ME_NodeBFunction_Carrier_RadioLinks.p mDpdchBer_10	Sum

			RadioLink - ie after RadioLink combination in UpLink.			
pmDpdchBer_11	ACCUMULATION	INTEGER	The average BER for a transport channel carried by a DPDCH physical channel. Note that the values will contain DPCCH BER when it is not possible to measure DPDCH (no data on the TrCH). Measurement is performed on RadioLinkSet not on RadioLink - ie after RadioLink combination in UpLink.	ME_NodeBFunction_Carrier_RadioLinks.p mDpdchBer_11	Sum	
pmDpdchBer_12	ACCUMULATION	INTEGER	The average BER for a transport channel carried by a DPDCH physical channel. Note	ME_NodeBFunction_Carrier_RadioLinks.p mDpdchBer_12	Sum	

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			that the values will contain DPCCH BER when it is not possible to measure DPDCH (no data on the TrCH). Measurement is performed on RadioLinkSet not on RadioLink - ie after RadioLink combination in UpLink.			
pmDpdchBer_13	ACCUMULATION	INTEGER	The average BER for a transport channel carried by a DPDCH physical channel. Note that the values will contain DPCCH BER when it is not possible to measure DPDCH (no data on the TrCH). Measurement is performed on RadioLinkSet not on RadioLink - ie after RadioLink combination	ME_NodeBFunction_Carrier_RadioLinks.p mDpdchBer_13	Sum	

			in UpLink.			
pmDpdchBer_14	ACCUMULATION	INTEGER	The average BER for a transport channel carried by a DPDCH physical channel. Note that the values will contain DPCCH BER when it is not possible to measure DPDCH (no data on the TrCH). Measurement is performed on RadioLinkSet not on RadioLink - ie after RadioLink combination in UpLink.	ME_NodeBFunction_Carrier_RadioLinks.p mDpdchBer_14	Sum	
pmDpdchBer_15	ACCUMULATION	INTEGER	The average BER for a transport channel carried by a DPDCH physical channel. Note that the values will contain DPCCH BER when it is not	ME_NodeBFunction_Carrier_RadioLinks.p mDpdchBer_15	Sum	

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			possible to measure DPDCH (no data on the TrCH). Measurement is performed on RadioLinkSet not on RadioLink - ie after RadioLink combination in UpLink.			
pmDpdchBer_16	ACCUMULATION	INTEGER	The average BER for a transport channel carried by a DPDCH physical channel. Note that the values will contain DPCCH BER when it is not possible to measure DPDCH (no data on the TrCH). Measurement is performed on RadioLinkSet not on RadioLink - ie after RadioLink combination in UpLink.	ME_NodeBFunction_Carrier_RadioLinks.p mDpdchBer_16	Sum	
pmDpdchBer_17	ACCUMULATION	INTEGER	The average BER for a transport	ME_NodeBFunction_Carrier_RadioLinks.p mDpdchBer_17	Sum	

			channel carried by a DPDCH physical channel. Note that the values will contain DPCCH BER when it is not possible to measure DPDCH (no data on the TrCH). Measurement is performed on RadioLinkSet not on RadioLink - ie after RadioLink combination in UpLink.			
pmDpdchBer_18	ACCUMULATION	INTEGER	The average BER for a transport channel carried by a DPDCH physical channel. Note that the values will contain DPCCH BER when it is not possible to measure DPDCH (no data on the	ME_NodeBFunction_Carrier_RadioLinks.p mDpdchBer_18	Sum	

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			TrCH). Measurement is performed on RadioLinkSet not on RadioLink - ie after RadioLink combination in UpLink.		
pmDpdchBer_19	ACCUMULATION	INTEGER	The average BER for a transport channel carried by a DPDCH physical channel. Note that the values will contain DPCCH BER when it is not possible to measure DPDCH (no data on the TrCH). Measurement is performed on RadioLinkSet not on RadioLink - ie after RadioLink combination in UpLink.	ME_NodeBFunction_Carrier_RadioLinks.p mDpdchBer_19	Sum
pmDpdchBer_1	ACCUMULATION	INTEGER	The average BER for a transport channel carried by a DPDCH physical	ME_NodeBFunction_Carrier_RadioLinks.p mDpdchBer_1	Sum

			channel. Note that the values will contain DPCCH BER when it is not possible to measure DPDCH (no data on the TrCH). Measurement is performed on RadioLinkSet not on RadioLink - ie after RadioLink combination in UpLink.			
pmDpdchBer_20	ACCUMULATION	INTEGER	The average BER for a transport channel carried by a DPDCH physical channel. Note that the values will contain DPCCH BER when it is not possible to measure DPDCH (no data on the TrCH). Measurement is performed on	ME_NodeBFunction_Carrier_RadioLinks.p mDpdchBer_20	Sum	

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			RadioLinkSet not on RadioLink - ie after RadioLink combination in UpLink.			
pmDpdchBer_21	ACCUMULATION	INTEGER	The average BER for a transport channel carried by a DPDCH physical channel. Note that the values will contain DPCCH BER when it is not possible to measure DPDCH (no data on the TrCH). Measurement is performed on RadioLinkSet not on RadioLink - ie after RadioLink combination in UpLink.	ME_NodeBFunction_Carrier_RadioLinks.p mDpdchBer_21	Sum	
pmDpdchBer_22	ACCUMULATION	INTEGER	The average BER for a transport channel carried by a DPDCH physical channel. Note that the values will contain DPCCH BER	ME_NodeBFunction_Carrier_RadioLinks.p mDpdchBer_22	Sum	

			when it is not possible to measure DPDCH (no data on the TrCH). Measurement is performed on RadioLinkSet not on RadioLink - ie after RadioLink combination in UpLink.		
pmDpdchBer_23	ACCUMULATION	INTEGER	The average BER for a transport channel carried by a DPDCH physical channel. Note that the values will contain DPCCH BER when it is not possible to measure DPDCH (no data on the TrCH). Measurement is performed on RadioLinkSet not on RadioLink - ie after	ME_NodeBFunction_Carrier_RadioLinks.p mDpdchBer_23	Sum

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			RadioLink combination in UpLink.			
pmDpdchBer_24	ACCUMULATION	INTEGER	The average BER for a transport channel carried by a DPDCH physical channel. Note that the values will contain DPCCH BER when it is not possible to measure DPDCH (no data on the TrCH). Measurement is performed on RadioLinkSet not on RadioLink - ie after RadioLink combination in UpLink.	ME_NodeBFunction_Carrier_RadioLinks.p mDpdchBer_24	Sum	
pmDpdchBer_2	ACCUMULATION	INTEGER	The average BER for a transport channel carried by a DPDCH physical channel. Note that the values will contain DPCCH BER when it is not possible to measure DPDCH (no	ME_NodeBFunction_Carrier_RadioLinks.p mDpdchBer_2	Sum	

			data on the TrCH). Measurement is performed on RadioLinkSet not on RadioLink - ie after RadioLink combination in UpLink.			
pmDpdchBer_3	ACCUMULATION	INTEGER	The average BER for a transport channel carried by a DPDCH physical channel. Note that the values will contain DPCCH BER when it is not possible to measure DPDCH (no data on the TrCH). Measurement is performed on RadioLinkSet not on RadioLink - ie after RadioLink combination in UpLink.	ME_NodeBFunction_Carrier_RadioLinks.p mDpdchBer_3	Sum	
pmDpdchBer_	ACCUMULATION	INTEGER	The average	ME_NodeBFunction_	Sum	

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4	TION	ER	<p>BER for a transport channel carried by a DPDCH physical channel. Note that the values will contain DPCCH BER when it is not possible to measure DPDCH (no data on the TrCH). Measurement is performed on RadioLinkSet not on RadioLink - ie after RadioLink combination in UpLink.</p>	Carrier_RadioLinks.p mDpdchBer_4		
pmDpdchBer_5	ACCUMULATION	INTEGRER	<p>The average BER for a transport channel carried by a DPDCH physical channel. Note that the values will contain DPCCH BER when it is not possible to measure DPDCH (no data on the TrCH). Measurement is performed</p>	ME_NodeBFunction_ Carrier_RadioLinks.p mDpdchBer_5	Sum	

			on RadioLinkSet not on RadioLink - ie after RadioLink combination in UpLink.			
pmDpdchBer_6	ACCUMULATION	INTEGER	The average BER for a transport channel carried by a DPDCH physical channel. Note that the values will contain DPCCH BER when it is not possible to measure DPDCH (no data on the TrCH). Measurement is performed on RadioLinkSet not on RadioLink - ie after RadioLink combination in UpLink.	ME_NodeBFunction_Carrier_RadioLinks.p mDpdchBer_6	Sum	
pmDpdchBer_7	ACCUMULATION	INTEGER	The average BER for a transport channel carried by a	ME_NodeBFunction_Carrier_RadioLinks.p mDpdchBer_7	Sum	

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			<p>DPDCH physical channel. Note that the values will contain DPCCH BER when it is not possible to measure DPDCH (no data on the TrCH). Measurement is performed on RadioLinkSet not on RadioLink - ie after RadioLink combination in UpLink.</p>		
pmDpdchBer_8	ACCUMULATION	INTEGER	<p>The average BER for a transport channel carried by a DPDCH physical channel. Note that the values will contain DPCCH BER when it is not possible to measure DPDCH (no data on the TrCH). Measurement is performed on RadioLinkSet not on RadioLink - ie</p>	ME_NodeBFunction_Carrier_RadioLinks.p mDpdchBer_8	Sum

			after RadioLink combination in UpLink.			
pmDpdchBer_9	ACCUMULATION	INTEGER	The average BER for a transport channel carried by a DPDCH physical channel. Note that the values will contain DPCCH BER when it is not possible to measure DPDCH (no data on the TrCH). Measurement is performed on RadioLinkSet not on RadioLink - ie after RadioLink combination in UpLink.	ME_NodeBFunction_Carrier_RadioLinks_pmDpdchBer_9	Sum	

7.69.13Radio_Link.Ericsson.UMTS.PDF_pmOutOfSynch

pmOutOfSynch PDF counters

KPI	Type	Data Type	Description	Derivation	Default Aggregator	Other Aggregators
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pmOutOfSynch_0	ACCUMULATION	INTEGER	Duration of out-of-sync. Reported for all Radio Link Sets (RLSs) activated during the granularity period. Measurement is performed on RLS, not on Radio Link (RL) - that is, after RL combination in uplink.	ME_NodeBFunction_Carrier_RadioLinks.p mOutOfSynch_0	Sum	
pmOutOfSynch_10	ACCUMULATION	INTEGER	Duration of out-of-sync. Reported for all Radio Link Sets (RLSs) activated during the granularity period. Measurement is performed on RLS, not on Radio Link (RL) - that is, after RL combination in uplink.	ME_NodeBFunction_Carrier_RadioLinks.p mOutOfSynch_10	Sum	
pmOutOfSynch_11	ACCUMULATION	INTEGER	Duration of out-of-sync. Reported for all Radio Link Sets (RLSs) activated	ME_NodeBFunction_Carrier_RadioLinks.p mOutOfSynch_11	Sum	

			during the granularity period. Measurement is performed on RLS, not on Radio Link (RL) - that is, after RL combination in uplink.			
pmOutOfSynch_12	ACCUMULATION	INTEGER	Duration of out-of-sync. Reported for all Radio Link Sets (RLSs) activated during the granularity period. Measurement is performed on RLS, not on Radio Link (RL) - that is, after RL combination in uplink.	ME_NodeBFunction_Carrier_RadioLinks.p mOutOfSynch_12	Sum	
pmOutOfSynch_13	ACCUMULATION	INTEGER	Duration of out-of-sync. Reported for all Radio Link Sets (RLSs) activated during the granularity	ME_NodeBFunction_Carrier_RadioLinks.p mOutOfSynch_13	Sum	

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			period. Measurement is performed on RLS, not on Radio Link (RL) - that is, after RL combination in uplink.			
pmOutOfSynch_14	ACCUMULATION	INTEGER	Duration of out-of-sync. Reported for all Radio Link Sets (RLSs) activated during the granularity period. Measurement is performed on RLS, not on Radio Link (RL) - that is, after RL combination in uplink.	ME_NodeBFunction_Carrier_RadioLinks.p mOutOfSynch_14	Sum	
pmOutOfSynch_15	ACCUMULATION	INTEGER	Duration of out-of-sync. Reported for all Radio Link Sets (RLSs) activated during the granularity period. Measurement is performed on RLS, not on Radio Link (RL) - that is, after	ME_NodeBFunction_Carrier_RadioLinks.p mOutOfSynch_15	Sum	

			RL combination in uplink.			
pmOutOfSynch_16	ACCUMULATION	INTEGER	Duration of out-of-sync. Reported for all Radio Link Sets (RLSs) activated during the granularity period. Measurement is performed on RLS, not on Radio Link (RL) - that is, after RL combination in uplink.	ME_NodeBFunction_Carrier_RadioLinks.p mOutOfSynch_16	Sum	
pmOutOfSynch_17	ACCUMULATION	INTEGER	Duration of out-of-sync. Reported for all Radio Link Sets (RLSs) activated during the granularity period. Measurement is performed on RLS, not on Radio Link (RL) - that is, after RL combination	ME_NodeBFunction_Carrier_RadioLinks.p mOutOfSynch_17	Sum	

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			in uplink.			
pmOutOfSynch_18	ACCUMULATION	INTEGER	Duration of out-of-sync. Reported for all Radio Link Sets (RLSs) activated during the granularity period. Measurement is performed on RLS, not on Radio Link (RL) - that is, after RL combination in uplink.	ME_NodeBFunction_Carrier_RadioLinks.p mOutOfSynch_18	Sum	
pmOutOfSynch_19	ACCUMULATION	INTEGER	Duration of out-of-sync. Reported for all Radio Link Sets (RLSs) activated during the granularity period. Measurement is performed on RLS, not on Radio Link (RL) - that is, after RL combination in uplink.	ME_NodeBFunction_Carrier_RadioLinks.p mOutOfSynch_19	Sum	
pmOutOfSynch_1	ACCUMULATION	INTEGER	Duration of out-of-sync. Reported for all Radio Link Sets	ME_NodeBFunction_Carrier_RadioLinks.p mOutOfSynch_1	Sum	

			(RLSs) activated during the granularity period. Measurement is performed on RLS, not on Radio Link (RL) - that is, after RL combination in uplink.			
pmOutOfSynch_20	ACCUMULATION	INTEGER	Duration of out-of-sync. Reported for all Radio Link Sets (RLSs) activated during the granularity period. Measurement is performed on RLS, not on Radio Link (RL) - that is, after RL combination in uplink.	ME_NodeBFunction_Carrier_RadioLinks.p mOutOfSynch_20	Sum	
pmOutOfSynch_21	ACCUMULATION	INTEGER	Duration of out-of-sync. Reported for all Radio Link Sets (RLSs) activated	ME_NodeBFunction_Carrier_RadioLinks.p mOutOfSynch_21	Sum	

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			during the granularity period. Measurement is performed on RLS, not on Radio Link (RL) - that is, after RL combination in uplink.			
pmOutOfSynch_22	ACCUMULATION	INTEGER	Duration of out-of-sync. Reported for all Radio Link Sets (RLSs) activated during the granularity period. Measurement is performed on RLS, not on Radio Link (RL) - that is, after RL combination in uplink.	ME_NodeBFunction_Carrier_RadioLinks.p mOutOfSynch_22	Sum	
pmOutOfSynch_23	ACCUMULATION	INTEGER	Duration of out-of-sync. Reported for all Radio Link Sets (RLSs) activated during the granularity period. Measurement is performed on RLS, not on Radio	ME_NodeBFunction_Carrier_RadioLinks.p mOutOfSynch_23	Sum	

			Link (RL) - that is, after RL combination in uplink.			
pmOutOfSynch_24	ACCUMULATION	INTEGER	Duration of out-of-sync. Reported for all Radio Link Sets (RLSs) activated during the granularity period. Measurement is performed on RLS, not on Radio Link (RL) - that is, after RL combination in uplink.	ME_NodeBFunction_Carrier_RadioLinks.p mOutOfSynch_24	Sum	
pmOutOfSynch_25	ACCUMULATION	INTEGER	Duration of out-of-sync. Reported for all Radio Link Sets (RLSs) activated during the granularity period. Measurement is performed on RLS, not on Radio Link (RL) - that is, after	ME_NodeBFunction_Carrier_RadioLinks.p mOutOfSynch_25	Sum	

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			RL combination in uplink.			
pmOutOfSynch_26	ACCUMULATION	INTEGER	Duration of out-of-sync. Reported for all Radio Link Sets (RLSs) activated during the granularity period. Measurement is performed on RLS, not on Radio Link (RL) - that is, after RL combination in uplink.	ME_NodeBFunction_Carrier_RadioLinks.p mOutOfSynch_26	Sum	
pmOutOfSynch_27	ACCUMULATION	INTEGER	Duration of out-of-sync. Reported for all Radio Link Sets (RLSs) activated during the granularity period. Measurement is performed on RLS, not on Radio Link (RL) - that is, after RL combination in uplink.	ME_NodeBFunction_Carrier_RadioLinks.p mOutOfSynch_27	Sum	
pmOutOfSynch_28	ACCUMULATION	INTEGER	Duration of out-of-sync. Reported for	ME_NodeBFunction_Carrier_RadioLinks.p mOutOfSynch_28	Sum	

			all Radio Link Sets (RLSs) activated during the granularity period. Measurement is performed on RLS, not on Radio Link (RL) - that is, after RL combination in uplink.			
pmOutOfSynch_29	ACCUMULATION	INTEGER	Duration of out-of-sync. Reported for all Radio Link Sets (RLSs) activated during the granularity period. Measurement is performed on RLS, not on Radio Link (RL) - that is, after RL combination in uplink.	ME_NodeBFunction_Carrier_RadioLinks.p mOutOfSynch_29	Sum	
pmOutOfSynch_2	ACCUMULATION	INTEGER	Duration of out-of-sync. Reported for all Radio Link Sets	ME_NodeBFunction_Carrier_RadioLinks.p mOutOfSynch_2	Sum	

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			(RLSs) activated during the granularity period. Measurement is performed on RLS, not on Radio Link (RL) - that is, after RL combination in uplink.			
pmOutOfSynch_30	ACCUMULATION	INTEGER	Duration of out-of-sync. Reported for all Radio Link Sets (RLSs) activated during the granularity period. Measurement is performed on RLS, not on Radio Link (RL) - that is, after RL combination in uplink.	ME_NodeBFunction_Carrier_RadioLinks.p mOutOfSynch_30	Sum	
pmOutOfSynch_31	ACCUMULATION	INTEGER	Duration of out-of-sync. Reported for all Radio Link Sets (RLSs) activated during the granularity period. Measurement is performed	ME_NodeBFunction_Carrier_RadioLinks.p mOutOfSynch_31	Sum	

			on RLS, not on Radio Link (RL) - that is, after RL combination in uplink.			
pmOutOfSynch_32	ACCUMULATION	INTEGER	Duration of out-of-sync. Reported for all Radio Link Sets (RLSs) activated during the granularity period. Measurement is performed on RLS, not on Radio Link (RL) - that is, after RL combination in uplink.	ME_NodeBFunction_Carrier_RadioLinks.p mOutOfSynch_32	Sum	
pmOutOfSynch_33	ACCUMULATION	INTEGER	Duration of out-of-sync. Reported for all Radio Link Sets (RLSs) activated during the granularity period. Measurement is performed on RLS, not on Radio	ME_NodeBFunction_Carrier_RadioLinks.p mOutOfSynch_33	Sum	

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			Link (RL) - that is, after RL combination in uplink.			
pmOutOfSynch_34	ACCUMULATION	INTEGER	Duration of out-of-sync. Reported for all Radio Link Sets (RLSs) activated during the granularity period. Measurement is performed on RLS, not on Radio Link (RL) - that is, after RL combination in uplink.	ME_NodeBFunction_Carrier_RadioLinks.p mOutOfSynch_34	Sum	
pmOutOfSynch_35	ACCUMULATION	INTEGER	Duration of out-of-sync. Reported for all Radio Link Sets (RLSs) activated during the granularity period. Measurement is performed on RLS, not on Radio Link (RL) - that is, after RL combination in uplink.	ME_NodeBFunction_Carrier_RadioLinks.p mOutOfSynch_35	Sum	
pmOutOfSynch	ACCUMULATION	INTEGER	Duration of	ME_NodeBFunction_	Sum	

h_36	TION	ER	out-of-sync. Reported for all Radio Link Sets (RLSs) activated during the granularity period. Measurement is performed on RLS, not on Radio Link (RL) - that is, after RL combination in uplink.	Carrier_RadioLinks.p mOutOfSynch_36		
pmOutOfSynch h_37	ACCUMULA TION	INTEG ER	Duration of out-of-sync. Reported for all Radio Link Sets (RLSs) activated during the granularity period. Measurement is performed on RLS, not on Radio Link (RL) - that is, after RL combination in uplink.	ME_NodeBFunction_ Carrier_RadioLinks.p mOutOfSynch_37	Sum	
pmOutOfSynch h_38	ACCUMULA TION	INTEG ER	Duration of out-of-sync. Reported for	ME_NodeBFunction_ Carrier_RadioLinks.p mOutOfSynch_38	Sum	

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			all Radio Link Sets (RLSs) activated during the granularity period. Measurement is performed on RLS, not on Radio Link (RL) - that is, after RL combination in uplink.			
pmOutOfSynch_39	ACCUMULATION	INTEGER	Duration of out-of-sync. Reported for all Radio Link Sets (RLSs) activated during the granularity period. Measurement is performed on RLS, not on Radio Link (RL) - that is, after RL combination in uplink.	ME_NodeBFunction_Carrier_RadioLinks.p mOutOfSynch_39	Sum	
pmOutOfSynch_3	ACCUMULATION	INTEGER	Duration of out-of-sync. Reported for all Radio Link Sets (RLSs) activated during the granularity period.	ME_NodeBFunction_Carrier_RadioLinks.p mOutOfSynch_3	Sum	

			Measurement is performed on RLS, not on Radio Link (RL) - that is, after RL combination in uplink.			
pmOutOfSynch_40	ACCUMULATION	INTEGER	Duration of out-of-sync. Reported for all Radio Link Sets (RLSs) activated during the granularity period. Measurement is performed on RLS, not on Radio Link (RL) - that is, after RL combination in uplink.	ME_NodeBFunction_Carrier_RadioLinks.p mOutOfSynch_40	Sum	
pmOutOfSynch_41	ACCUMULATION	INTEGER	Duration of out-of-sync. Reported for all Radio Link Sets (RLSs) activated during the granularity period. Measurement is performed	ME_NodeBFunction_Carrier_RadioLinks.p mOutOfSynch_41	Sum	

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			on RLS, not on Radio Link (RL) - that is, after RL combination in uplink.			
pmOutOfSynch_42	ACCUMULATION	INTEGER	Duration of out-of-sync. Reported for all Radio Link Sets (RLSs) activated during the granularity period. Measurement is performed on RLS, not on Radio Link (RL) - that is, after RL combination in uplink.	ME_NodeBFunction_Carrier_RadioLinks.p mOutOfSynch_42	Sum	
pmOutOfSynch_43	ACCUMULATION	INTEGER	Duration of out-of-sync. Reported for all Radio Link Sets (RLSs) activated during the granularity period. Measurement is performed on RLS, not on Radio Link (RL) - that is, after RL combination in uplink.	ME_NodeBFunction_Carrier_RadioLinks.p mOutOfSynch_43	Sum	

pmOutOfSynch_44	ACCUMULATION	INTEGER	Duration of out-of-sync. Reported for all Radio Link Sets (RLSs) activated during the granularity period. Measurement is performed on RLS, not on Radio Link (RL) - that is, after RL combination in uplink.	ME_NodeBFunction_Carrier_RadioLinks.p mOutOfSynch_44	Sum	
pmOutOfSynch_45	ACCUMULATION	INTEGER	Duration of out-of-sync. Reported for all Radio Link Sets (RLSs) activated during the granularity period. Measurement is performed on RLS, not on Radio Link (RL) - that is, after RL combination in uplink.	ME_NodeBFunction_Carrier_RadioLinks.p mOutOfSynch_45	Sum	
pmOutOfSynch_46	ACCUMULATION	INTEGER	Duration of out-of-sync.	ME_NodeBFunction_Carrier_RadioLinks.p	Sum	

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			Reported for all Radio Link Sets (RLSs) activated during the granularity period. Measurement is performed on RLS, not on Radio Link (RL) - that is, after RL combination in uplink.	mOutOfSynch_46		
pmOutOfSynch_47	ACCUMULATION	INTEGER	Duration of out-of-sync. Reported for all Radio Link Sets (RLSs) activated during the granularity period. Measurement is performed on RLS, not on Radio Link (RL) - that is, after RL combination in uplink.	ME_NodeBFunction_Carrier_RadioLinks.p mOutOfSynch_47	Sum	
pmOutOfSynch_48	ACCUMULATION	INTEGER	Duration of out-of-sync. Reported for all Radio Link Sets (RLSs) activated during the granularity	ME_NodeBFunction_Carrier_RadioLinks.p mOutOfSynch_48	Sum	

			period. Measurement is performed on RLS, not on Radio Link (RL) - that is, after RL combination in uplink.		
pmOutOfSynch_49	ACCUMULATION	INTEGER	Duration of out-of-sync. Reported for all Radio Link Sets (RLSs) activated during the granularity period. Measurement is performed on RLS, not on Radio Link (RL) - that is, after RL combination in uplink.	ME_NodeBFunction_Carrier_RadioLinks.p mOutOfSynch_49	Sum
pmOutOfSynch_4	ACCUMULATION	INTEGER	Duration of out-of-sync. Reported for all Radio Link Sets (RLSs) activated during the granularity period. Measurement	ME_NodeBFunction_Carrier_RadioLinks.p mOutOfSynch_4	Sum

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			is performed on RLS, not on Radio Link (RL) - that is, after RL combination in uplink.			
pmOutOfSynch_5	ACCUMULATION	INTEGER	Duration of out-of-sync. Reported for all Radio Link Sets (RLSs) activated during the granularity period. Measurement is performed on RLS, not on Radio Link (RL) - that is, after RL combination in uplink.	ME_NodeBFunction_Carrier_RadioLinks.p mOutOfSynch_5	Sum	
pmOutOfSynch_6	ACCUMULATION	INTEGER	Duration of out-of-sync. Reported for all Radio Link Sets (RLSs) activated during the granularity period. Measurement is performed on RLS, not on Radio Link (RL) - that is, after RL combination	ME_NodeBFunction_Carrier_RadioLinks.p mOutOfSynch_6	Sum	

			in uplink.			
pmOutOfSynch_7	ACCUMULATION	INTEGER	Duration of out-of-sync. Reported for all Radio Link Sets (RLSs) activated during the granularity period. Measurement is performed on RLS, not on Radio Link (RL) - that is, after RL combination in uplink.	ME_NodeBFunction_Carrier_RadioLinks.p mOutOfSynch_7	Sum	
pmOutOfSynch_8	ACCUMULATION	INTEGER	Duration of out-of-sync. Reported for all Radio Link Sets (RLSs) activated during the granularity period. Measurement is performed on RLS, not on Radio Link (RL) - that is, after RL combination in uplink.	ME_NodeBFunction_Carrier_RadioLinks.p mOutOfSynch_8	Sum	

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pmOutOfSynch_9	ACCUMULATION	INTEGER	Duration of out-of-sync. Reported for all Radio Link Sets (RLSs) activated during the granularity period. Measurement is performed on RLS, not on Radio Link (RL) - that is, after RL combination in uplink.	ME_NodeBFunction_Carrier_RadioLinks.p mOutOfSynch_9	Sum	
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7.69.14Radio_Link.Ericsson.UMTS.PDF_pmUISynchTime

pmUISynchTime PDF counters

KPI	Type	Data Type	Description	Derivation	Default Aggregator	Other Aggregators
pmUISynchTime_0	ACCUMULATION	INTEGER	The synchronization time between DL TX resource assignment (when AAL2 connection is established over Iub) and achievement of UL synchronization for RL, which belongs to first RLS.	ME_NodeBFunction_Carrier_RadioLinks.p mUISynchTime_0	Sum	

pmUISynchTime_10	ACCUMULATION	INTEGER	The synchronization time between DL TX resource assignment (when AAL2 connection is established over Iub) and achievement of UL synchronization for RL, which belongs to first RLS.	ME_NodeBFunction_Carrier_RadioLinks.p mUISynchTime_10	Sum	
pmUISynchTime_11	ACCUMULATION	INTEGER	The synchronization time between DL TX resource assignment (when AAL2 connection is established over Iub) and achievement of UL synchronization for RL, which belongs to first RLS.	ME_NodeBFunction_Carrier_RadioLinks.p mUISynchTime_11	Sum	
pmUISynchTime_12	ACCUMULATION	INTEGER	The synchronization time between DL TX resource assignment	ME_NodeBFunction_Carrier_RadioLinks.p mUISynchTime_12	Sum	

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			(when AAL2 connection is established over Iub) and achievement of UL synchronization for RL, which belongs to first RLS.		
pmUISynchTime_13	ACCUMULATION	INTEGER	The synchronization time between DL TX resource assignment (when AAL2 connection is established over Iub) and achievement of UL synchronization for RL, which belongs to first RLS.	ME_NodeBFunction_Carrier_RadioLinks.p mUISynchTime_13	Sum
pmUISynchTime_14	ACCUMULATION	INTEGER	The synchronization time between DL TX resource assignment (when AAL2 connection is established over Iub) and achievement of UL synchronization for RL, which belongs to first RLS.	ME_NodeBFunction_Carrier_RadioLinks.p mUISynchTime_14	Sum

pmUISynchTime_15	ACCUMULATION	INTEGER	The synchronization time between DL TX resource assignment (when AAL2 connection is established over Iub) and achievement of UL synchronization for RL, which belongs to first RLS.	ME_NodeBFunction_Carrier_RadioLinks.p mUISynchTime_15	Sum	
pmUISynchTime_1	ACCUMULATION	INTEGER	The synchronization time between DL TX resource assignment (when AAL2 connection is established over Iub) and achievement of UL synchronization for RL, which belongs to first RLS.	ME_NodeBFunction_Carrier_RadioLinks.p mUISynchTime_1	Sum	
pmUISynchTime_2	ACCUMULATION	INTEGER	The synchronization time between DL TX resource assignment	ME_NodeBFunction_Carrier_RadioLinks.p mUISynchTime_2	Sum	

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			(when AAL2 connection is established over Iub) and achievement of UL synchronization for RL, which belongs to first RLS.		
pmUISynchTime_3	ACCUMULATION	INTEGER	The synchronization time between DL TX resource assignment (when AAL2 connection is established over Iub) and achievement of UL synchronization for RL, which belongs to first RLS.	ME_NodeBFunction_Carrier_RadioLinks.p mUISynchTime_3	Sum
pmUISynchTime_4	ACCUMULATION	INTEGER	The synchronization time between DL TX resource assignment (when AAL2 connection is established over Iub) and achievement of UL synchronization for RL, which belongs to first RLS.	ME_NodeBFunction_Carrier_RadioLinks.p mUISynchTime_4	Sum

pmUISynchTime_5	ACCUMULATION	INTEGER	The synchronization time between DL TX resource assignment (when AAL2 connection is established over Iub) and achievement of UL synchronization for RL, which belongs to first RLS.	ME_NodeBFunction_Carrier_RadioLinks.p mUISynchTime_5	Sum	
pmUISynchTime_6	ACCUMULATION	INTEGER	The synchronization time between DL TX resource assignment (when AAL2 connection is established over Iub) and achievement of UL synchronization for RL, which belongs to first RLS.	ME_NodeBFunction_Carrier_RadioLinks.p mUISynchTime_6	Sum	
pmUISynchTime_7	ACCUMULATION	INTEGER	The synchronization time between DL TX resource assignment	ME_NodeBFunction_Carrier_RadioLinks.p mUISynchTime_7	Sum	

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			(when AAL2 connection is established over Iub) and achievement of UL synchronization for RL, which belongs to first RLS.		
pmUISynchTime_8	ACCUMULATION	INTEGER	The synchronization time between DL TX resource assignment (when AAL2 connection is established over Iub) and achievement of UL synchronization for RL, which belongs to first RLS.	ME_NodeBFunction_Carrier_RadioLinks.p mUISynchTime_8	Sum
pmUISynchTime_9	ACCUMULATION	INTEGER	The synchronization time between DL TX resource assignment (when AAL2 connection is established over Iub) and achievement of UL synchronization for RL, which belongs to first RLS.	ME_NodeBFunction_Carrier_RadioLinks.p mUISynchTime_9	Sum

7.69.15Radio_Link.Ericsson.UMTS.PDF_pmUISynchTimeSHO

pmUISynchTimeSHO PDF counters

KPI	Type	Data Type	Description	Derivation	Default Aggregator	Other Aggregators
pmUISynchTimeSHO_0	ACCUMULATION	INTEGER	The synchronization time between DL Rx resource assignment (when RBS sends RL SETUP RESPONSE over NBAP) and achievement of UL synchronization for RL which does not belong to first RLS.	ME_NodeBFunction_Carrier_RadioLinks.pmUISynchTimeSHO_0	Sum	
pmUISynchTimeSHO_10	ACCUMULATION	INTEGER	The synchronization time between DL Rx resource assignment (when RBS sends	ME_NodeBFunction_Carrier_RadioLinks.pmUISynchTimeSHO_10	Sum	

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			RL SETUP RESPONSE over NBAP) and achievement of UL synchronization for RL which does not belong to first RLS.			
pmUISynchTimeSHO_11	ACCUMULATION	INTEGER	The synchronization time between DL Rx resource assignment (when RBS sends RL SETUP RESPONSE over NBAP) and achievement of UL synchronization for RL which does not belong to first RLS.	ME_NodeBFunction_Carrier_RadioLinks.pmUISynchTimeSHO_11	Sum	
pmUISynchTimeSHO_12	ACCUMULATION	INTEGER	The synchronization time between DL Rx resource assignment (when	ME_NodeBFunction_Carrier_RadioLinks.pmUISynchTimeSHO_12	Sum	

			RBS sends RL SETUP RESPONSE over NBAP) and achievement of UL synchronization for RL which does not belong to first RLS.			
pmUISynchTimeSHO_13	ACCUMULATION	INTEGER	The synchronization time between DL Rx resource assignment (when RBS sends RL SETUP RESPONSE over NBAP) and achievement of UL synchronization for RL which does not belong to first RLS.	ME_NodeBFunction_Carrier_RadioLinks.pmUISynchTimeSHO_13	Sum	
pmUISynchTimeSHO_14	ACCUMULATION	INTEGER	The synchroniz	ME_NodeBFunction_Carrier_RadioLinks.pmUIS	Sum	

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			<p>ation time between DL Rx resource assignment (when RBS sends RL SETUP RESPONSE over NBAP) and achievement of UL synchronization for RL which does not belong to first RLS.</p>	<p>ynchTimeSHO_14</p>		
<p>pmUISynchTimeSHO_15</p>	<p>ACCUMULATION</p>	<p>INTEGER</p>	<p>The synchronization time between DL Rx resource assignment (when RBS sends RL SETUP RESPONSE over NBAP) and achievement of UL synchronization for RL which does not belong to first RLS.</p>	<p>ME_NodeBFunction_Carrier_RadioLinks.pmUISynchTimeSHO_15</p>	<p>Sum</p>	
<p>pmUISynchTimeSHO_15</p>	<p>ACCUMULATION</p>	<p>INTEGER</p>	<p>The</p>	<p>ME_NodeBFunction_Ca</p>	<p>Sum</p>	

eSHO_1	TION	GER	synchroniz ation time between DL Rx resource assignment (when RBS sends RL SETUP RESPONS E over NBAP) and achieveme nt of UL synchroniz ation for RL which does not belong to first RLS.	rrier_RadioLinks.pmUIS ynchTimeSHO_1		
pmUISynchTim eSHO_2	ACCUMULA TION	INTE GER	The synchroniz ation time between DL Rx resource assignment (when RBS sends RL SETUP RESPONS E over NBAP) and achieveme nt of UL synchroniz	ME_NodeBFunction_Ca rrier_RadioLinks.pmUIS ynchTimeSHO_2	Sum	

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			ation for RL which does not belong to first RLS.			
pmUISynchTimeSHO_3	ACCUMULATION	INTEGER	The synchroniz ation time between DL Rx resource assignment (when RBS sends RL SETUP RESPONS E over NBAP) and achieveme nt of UL synchroniz ation for RL which does not belong to first RLS.	ME_NodeBFunction_Carrier_RadioLinks.pmUISynchTimeSHO_3	Sum	
pmUISynchTimeSHO_4	ACCUMULATION	INTEGER	The synchroniz ation time between DL Rx resource assignment (when RBS sends RL SETUP RESPONS E over NBAP) and achieveme nt of UL	ME_NodeBFunction_Carrier_RadioLinks.pmUISynchTimeSHO_4	Sum	

			synchroniz ation for RL which does not belong to first RLS.		
pmUISynchTim eSHO_5	ACCUMULA TION	INTE GER	The synchroniz ation time between DL Rx resource assignment (when RBS sends RL SETUP RESPONS E over NBAP) and achieveme nt of UL synchroniz ation for RL which does not belong to first RLS.	ME_NodeBFunction_Ca rrier_RadioLinks.pmUIS ynchTimeSHO_5	Sum
pmUISynchTim eSHO_6	ACCUMULA TION	INTE GER	The synchroniz ation time between DL Rx resource assignment (when RBS sends RL SETUP	ME_NodeBFunction_Ca rrier_RadioLinks.pmUIS ynchTimeSHO_6	Sum

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			RESPONSE over NBAP) and achievement of UL synchronization for RL which does not belong to first RLS.		
pmUISynchTimeSHO_7	ACCUMULATION	INTEGER	The synchronization time between DL Rx resource assignment (when RBS sends RL SETUP RESPONSE over NBAP) and achievement of UL synchronization for RL which does not belong to first RLS.	ME_NodeBFunction_Carrier_RadioLinks.pmUISynchTimeSHO_7	Sum
pmUISynchTimeSHO_8	ACCUMULATION	INTEGER	The synchronization time between DL Rx resource assignment (when RBS sends RL	ME_NodeBFunction_Carrier_RadioLinks.pmUISynchTimeSHO_8	Sum

			SETUP RESPONS E over NBAP) and achieveme nt of UL synchroniz ation for RL which does not belong to first RLS.			
pmUISynchTimeSHO_9	ACCUMULATION	INTEGER	The synchroniz ation time between DL Rx resource assignment (when RBS sends RL SETUP RESPONS E over NBAP) and achieveme nt of UL synchroniz ation for RL which does not belong to first RLS.	ME_NodeBFunction_Carrier_RadioLinks.pmUISynchTimeSHO_9	Sum	

7.69.16Radio_Link.Ericsson.UMTS.Power

Avg, Min, Max of Radio Link power PDF array statistics.

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KPI	Type	Data Type	Description	Derivation	Default Aggregator	Other Aggregators
pmaveragesir_Avg	INTENSITY	FLOAT	The average SIR on DPCCH physical channel. Measured on maximum 2 DPCCHs per RAX board.	ME_NodeBFunction_Carrier_RadioLinks.pmaveragesir_Avg	Average	Average, enblbh, Maximum, Minimum, Sum
pmaveragesir_Max	INTENSITY	FLOAT	The maximum SIR on DPCCH physical channel. Measured on maximum 2 DPCCHs per RAX board.	ME_NodeBFunction_Carrier_RadioLinks.pmaveragesir_Max	Average	Average, enblbh, Maximum, Minimum, Sum
pmaveragesir_Min	INTENSITY	FLOAT	The minimum SIR on DPCCH physical channel. Measured on maximum 2 DPCCHs per RAX board.	ME_NodeBFunction_Carrier_RadioLinks.pmaveragesir_Min	Average	Average, enblbh, Maximum, Minimum, Sum
pmAverageSirError_Avg	INTENSITY	FLOAT	The average Signal to Interferenc	ME_NodeBFunction_Carrier_RadioLinks.pmAverageSirError_Avg	Average	Average, enblbh, Maximum,

			e (SIR) error for a DPCCH.			Minimum, Sum
pmAverageSirError_Max	INTENSITY	FLOAT	The maximum Signal to Interference (SIR) error for a DPCCH.	ME_NodeBFunction_Carrier_RadioLinks.pmAverageSirError_Max	Average	Average, enblbh, Maximum, Minimum, Sum
pmAverageSirError_Min	INTENSITY	FLOAT	The minimum Signal to Interference (SIR) error for a DPCCH.	ME_NodeBFunction_Carrier_RadioLinks.pmAverageSirError_Min	Average	Average, enblbh, Maximum, Minimum, Sum
pmBranchDeltaSir_Avg	INTENSITY	FLOAT	Average: The difference in SIR per receive branch per connection (DPCCH) per cell. The purpose with the measurement is to detect faulty feeder installations.	ME_NodeBFunction_Carrier_RadioLinks.pmBranchDeltaSir_Avg	Average	enblbh, Sum, Minimum, Maximum
pmBranchDeltaSir_Max	INTENSITY	INTEGER	Maximum: The	ME_NodeBFunction_Carrier_RadioLinks.pmBranchDel	Average	enblbh, Sum,

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			<p>difference in SIR per receive branch per connection (DPCCH) per cell. The purpose with the measurement is to detect faulty feeder installations.</p>	taSir_Max		Minimum, Maximum
pmBranchDeltaSir_Min	INTENSITY	INTEGER	<p>Minimum: The difference in SIR per receive branch per connection (DPCCH) per cell. The purpose with the measurement is to detect faulty feeder installations.</p>	ME_NodeBFunction_Carrier_RadioLinks.pmBranchDeltaSir_Min	Average	enblbh, Sum, Minimum, Maximum
pmdpcchber_Avg	INTENSITY	FLOAT	<p>The average BER detected on DPCCH pilot bits. Measurement is</p>	ME_NodeBFunction_Carrier_RadioLinks.pmDpcchBer_Avg	Average	Average, enblbh, Maximum, Minimum, Sum

			performed on RadioLink Set not on RadioLink - ie after RadioLink combination in UpLink.		
pmdpccchber_Max	INTENSITY	FLOAT	The maximum BER detected on DPCCH pilot bits. Measurement is performed on RadioLink Set not on RadioLink - ie after RadioLink combination in UpLink.	ME_NodeBFunction_Carrier_RadioLinks.pmDpccchBer_Max	Average, enblbh, Maximum, Minimum, Sum
pmdpccchber_Min	INTENSITY	FLOAT	The minimum BER detected on DPCCH pilot bits. Measurement is performed on	ME_NodeBFunction_Carrier_RadioLinks.pmDpccchBer_Min	Average, enblbh, Maximum, Minimum, Sum

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			RadioLink Set not on RadioLink - ie after RadioLink combination in UpLink.		
pmdpchcodepowerSf128_Avg	INTENSITY	FLOAT	The average transmitted code power on a DPCH channel. Spreading Factor = 128. Measured on maximum 20 DPCHs per TX board.	ME_NodeBFunction_Carrier_RadioLinks.pmDpchCodePowerSf128_Avg	Average, enblbh, Maximum, Minimum, Sum
pmdpchcodepowerSf128_Max	INTENSITY	FLOAT	The maximum transmitted code power on a DPCH channel. Spreading Factor = 128. Measured on maximum 20 DPCHs per TX board.	ME_NodeBFunction_Carrier_RadioLinks.pmDpchCodePowerSf128_Max	Average, enblbh, Maximum, Minimum, Sum
pmdpchcodepowerSf128_Min	INTENSITY	FLOAT	The minimum transmitted code	ME_NodeBFunction_Carrier_RadioLinks.pmDpchCodePowerSf128_Min	Average, enblbh, Maximum,

			power on a DPCH channel. Spreading Factor = 128. Measured on maximum 20 DPCHs per TX board.			Minimum, Sum
pmdpchcodepower_sf16_Avg	INTENSITY	FLOAT	The average transmitted code power on a DPCH channel. Spreading Factor = 16. Measured on maximum 20 DPCHs per TX board.	ME_NodeBFunction_Carrier_RadioLinks.pmDpchCodePowerSf16_Avg	Average	Average, enblbh, Maximum, Minimum, Sum
pmdpchcodepower_sf16_Max	INTENSITY	FLOAT	The maximum transmitted code power on a DPCH channel. Spreading Factor = 16. Measured on	ME_NodeBFunction_Carrier_RadioLinks.pmDpchCodePowerSf16_Max	Average	Average, enblbh, Maximum, Minimum, Sum

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			maximum 20 DPCHs per TX board.			
pmdpchcodepower_sf16_Min	INTENSITY	FLOAT	The minimum transmitted code power on a DPCH channel. Spreading Factor = 16. Measured on maximum 20 DPCHs per TX board.	ME_NodeBFunction_Carrier_RadioLinks.pmDpchCodePowerSf16_Min	Average	Average, enblbh, Maximum, Minimum, Sum
pmdpchcodepower_sf256_Avg	INTENSITY	FLOAT	The average transmitted code power on a DPCH channel. Spreading Factor = 256. Measured on maximum 20 DPCHs per TX board.	ME_NodeBFunction_Carrier_RadioLinks.pmDpchCodePowerSf256_Avg	Average	Average, enblbh, Maximum, Minimum, Sum
pmdpchcodepower_sf256_Max	INTENSITY	FLOAT	The maximum transmitted code power on a DPCH channel. Spreading	ME_NodeBFunction_Carrier_RadioLinks.pmDpchCodePowerSf256_Max	Average	Average, enblbh, Maximum, Minimum, Sum

			Factor = 256. Measured on maximum 20 DPCHs per TX board.		
pmdpchcodepowerSf256_Min	INTENSITY	FLOAT	The minimum transmitted code power on a DPCH channel. Spreading Factor = 256. Measured on maximum 20 DPCHs per TX board.	ME_NodeBFunction_Carrier_RadioLinks.pmDpchCodePowerSf256_Min	Average, enblbh, Maximum, Minimum, Sum
pmdpchcodepowerSf32_Avg	INTENSITY	FLOAT	The average transmitted code power on a DPCH channel. Spreading Factor = 32. Measured on maximum 20 DPCHs per TX board.	ME_NodeBFunction_Carrier_RadioLinks.pmDpchCodePowerSf32_Avg	Average, enblbh, Maximum, Minimum, Sum

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pmdpchcodepowerSf32_Max	INTENSITY	FLOAT	The maximum transmitted code power on a DPCH channel. Spreading Factor = 32. Measured on maximum 20 DPCHs per TX board.	ME_NodeBFunction_Carrier_RadioLinks.pmDpchCodePowerSf32_Max	Average	Average, enblbh, Maximum, Minimum, Sum
pmdpchcodepowerSf32_Min	INTENSITY	FLOAT	The minimum transmitted code power on a DPCH channel. Spreading Factor = 32. Measured on maximum 20 DPCHs per TX board.	ME_NodeBFunction_Carrier_RadioLinks.pmDpchCodePowerSf32_Min	Average	Average, enblbh, Maximum, Minimum, Sum
pmdpchcodepowerSf4_Avg	INTENSITY	FLOAT	The average transmitted code power on a DPCH channel. Spreading Factor = 4. Measured on maximum 20 DPCHs	ME_NodeBFunction_Carrier_RadioLinks.pmDpchCodePowerSf4_Avg	Average	Average, enblbh, Maximum, Minimum, Sum

			per TX board.			
pmdpchcodepower_ssf4_Max	INTENSITY	FLOAT	The maximum transmitted code power on a DPCH channel. Spreading Factor = 4. Measured on maximum 20 DPCHs per TX board.	ME_NodeBFunction_Carrier_RadioLinks.pmDpchCodePowerSf4_Max	Average	Average, enblbh, Maximum, Minimum, Sum
pmdpchcodepower_ssf4_Min	INTENSITY	FLOAT	The minimum transmitted code power on a DPCH channel. Spreading Factor = 4. Measured on maximum 20 DPCHs per TX board.	ME_NodeBFunction_Carrier_RadioLinks.pmDpchCodePowerSf4_Min	Average	Average, enblbh, Maximum, Minimum, Sum
pmdpchcodepower_ssf64_Avg	INTENSITY	FLOAT	The average transmitted code power on a DPCH channel.	ME_NodeBFunction_Carrier_RadioLinks.pmDpchCodePowerSf64_Avg	Average	Average, enblbh, Maximum, Minimum, Sum

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			Spreading Factor = 64. Measured on maximum 20 DPCHs per TX board.			
pmdpchcodepower_ssf64_Max	INTENSITY	FLOAT	The maximum transmitted code power on a DPCH channel. Spreading Factor = 64. Measured on maximum 20 DPCHs per TX board.	ME_NodeBFunction_Carrier_RadioLinks.pmDpchCodePowerSsf64_Max	Average	Average, enblbh, Maximum, Minimum, Sum
pmdpchcodepower_ssf64_Min	INTENSITY	FLOAT	The minimum transmitted code power on a DPCH channel. Spreading Factor = 64. Measured on maximum 20 DPCHs per TX board.	ME_NodeBFunction_Carrier_RadioLinks.pmDpchCodePowerSsf64_Min	Average	Average, enblbh, Maximum, Minimum, Sum
pmdpchcodepower_ssf8_Avg	INTENSITY	FLOAT	The average transmitted	ME_NodeBFunction_Carrier_RadioLinks.pmDpchCodePowerSsf8_Avg	Average	Average, enblbh, Maximum

			code power on a DPCH channel. Spreading Factor = 8. Measured on maximum 20 DPCHs per TX board.			m, Minimum, Sum
pmdpchcodepowerSf8_Max	INTENSITY	FLOAT	The maximum transmitted code power on a DPCH channel. Spreading Factor = 8. Measured on maximum 20 DPCHs per TX board.	ME_NodeBFunction_Carrier_RadioLinks.pmDpchCodePowerSf8_Max	Average	Average, enblbh, Maximum, Minimum, Sum
pmdpchcodepowerSf8_Min	INTENSITY	FLOAT	The minimum transmitted code power on a DPCH channel. Spreading Factor = 8. Measured on maximum 20 DPCHs	ME_NodeBFunction_Carrier_RadioLinks.pmDpchCodePowerSf8_Min	Average	Average, enblbh, Maximum, Minimum, Sum

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			per TX board.			
pmpdchber_Avg	INTENSITY	FLOAT	The average BER estimate on DPCCH physical channel. Measured on maximum 2 DPCCHs per RAX board.	ME_NodeBFunction_Carrier_RadioLinks.pmDpdchBer_Avg	Average	Average, enblbh, Maximum, Minimum, Sum
pmpdchber_Max	INTENSITY	FLOAT	The maximum BER estimate on DPCCH physical channel. Measured on maximum 2 DPCCHs per RAX board.	ME_NodeBFunction_Carrier_RadioLinks.pmDpdchBer_Max	Average	Average, enblbh, Maximum, Minimum, Sum
pmpdchber_Min	INTENSITY	FLOAT	The minimum BER estimate on DPCCH physical channel. Measured on maximum 2 DPCCHs per RAX board.	ME_NodeBFunction_Carrier_RadioLinks.pmDpdchBer_Min	Average	Average, enblbh, Maximum, Minimum, Sum

7.69.17Radio_Link.Ericsson.UMTS.State_Transitions

Radio link state transitions statistics.

KPI	Type	Data Type	Description	Derivation	Default Aggregator	Other Aggregators
pmRLSSupSynchToUnsynch	ACCUMULATION	INT8	The number of in-synch to wait state transitions from synchronised to unsynchronised.	ME_NodeBFunction_Carrier_RadioLinks.pmRLSSupSynchToUnsynch	Sum	enblbh, Sum
pmRLSSupWaitToOutOfSynch	ACCUMULATION	INT8	The number of wait to out-of-synch state transitions	ME_NodeBFunction_Carrier_RadioLinks.pmRLSSupWaitToOutOfSynch	Sum	enblbh, Sum

7.69.18Radio_Link.Ericsson.UMTS.Synchronisation

Avg, Min, Max of Carrier synchronisation time PDF array statistics.

KPI	Type	Data Type	Description	Derivation	Default Aggregator	Other Aggregators
pmOutOfSynch_Avg	INTENSITY	FLOAT	The average out-of-synchronisation duration,	ME_NodeBFunction_Carrier_RadioLinks.pmOutOfSynch_Avg	Average	Average, enblbh, Maximum,

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			in ms for the Radio Links (RL) during a GP			Minimum, Sum
pmOutOfSynch_Max	INTENSITY	FLOAT	The maximum out-of-synchronization duration, in ms for the Radio Links (RL) during a GP	ME_NodeBFunction_Carrier_RadioLinks.pmOutOfSynch_Max	Average	Average, enblbh, Maximum, Minimum, Sum
pmOutOfSynch_Min	INTENSITY	FLOAT	The minimum out-of-synchronization duration, in ms for the Radio Links (RL) during a GP	ME_NodeBFunction_Carrier_RadioLinks.pmOutOfSynch_Min	Average	Average, enblbh, Maximum, Minimum, Sum
pmUISynchTime_Avg	INTENSITY	FLOAT	The average time between a Downlink (DL) TX assignment, when an ATM Adaption Layer Type 2 (AAL2) connection is established over Iub, and the achieved Uplink (UL) synchronization for RLs belonging to the first Radio Link Set (RLS)	ME_NodeBFunction_Carrier_RadioLinks.pmUISynchTime_Avg	Average	Average, enblbh, Maximum, Minimum, Sum
pmUISynchTime	INTENSITY	FLOAT	The	ME_NodeBFunction_Car	Average	Average,

_Max	ITY	AT	maximum time between a Downlink (DL) TX assignment, when an ATM Adaption Layer Type 2 (AAL2) connection is established over Iub, and the achieved Uplink (UL) synchronization for RLS belonging to the first Radio Link Set (RLS)	rier_RadioLinks.pmUISynchTime_Max		enblbh, Maximum, Minimum, Sum
pmUISynchTime_Min	INTENSITY	FLO AT	The minimum time between a Downlink (DL) TX assignment, when an ATM Adaption Layer Type 2 (AAL2) connection is established over Iub, and the achieved Uplink (UL) synchronization for RLS belonging to the first Radio	ME_NodeBFunction_Carrier_RadioLinks.pmUISynchTime_Min	Average	Average, enblbh, Maximum, Minimum, Sum

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			Link Set (RLS)		
pmUISynchTimeSHO_Avg	INTENSITY	FLOAT	The average time between a DL RX assignment, when an RBS sends an RL SETUP RESPONSE over a Node B Application Part (NBAP), and the achieved UL synchronization for RLS not belonging to the first RLS.	ME_NodeBFunction_Carrier_RadioLinks.pmUISynchTimeSHO_Avg	Average, enblbh, Maximum, Minimum, Sum
pmUISynchTimeSHO_Max	INTENSITY	FLOAT	The maximum time between a DL RX assignment, when an RBS sends an RL SETUP RESPONSE over a Node B Application Part (NBAP), and the achieved UL synchronization for RLS not belonging to the first RLS.	ME_NodeBFunction_Carrier_RadioLinks.pmUISynchTimeSHO_Max	Average, enblbh, Maximum, Minimum, Sum
pmUISynchTimeSHO_Min	INTENSITY	FLOAT	The minimum time between a DL RX assignment, when an RBS	ME_NodeBFunction_Carrier_RadioLinks.pmUISynchTimeSHO_Min	Average, enblbh, Maximum, Minimum

			sends an RL SETUP RESPONSE over a Node B Application Part (NBAP), and the achieved UL synchronization for RLS not belonging to the first RLS.			m, Sum
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7.70 RANAP Performance Indicators

This section shows the key performance indicators and other counters for the RANAP object, divided into the following sub-sections:

- [RANAP.Ericsson.UMTS.RANAP](#)

7.70.1 RANAP.Ericsson.UMTS.RANAP

Ranap statistics

KPI	Type	Data Type	Description	Derivation	Default Aggregator	Other Aggregators
pmNnsfLoadDistributionRouted	ACCUMULATION	INTEGER	Number of Ue Initial Direct Transfer messages routed to this Iu interface by the NNSF (Non access stratum Node Selection	ManagedElement_RncFunction_CnOperator_IuLink_Ranap.pmNnsfLoadDistributionRouted	Sum	erttbh, Sum

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			Function), for which the NRI (Network Resource Identifier) transferred by the Ue does not match the NRI of any configured Iu interface.Incr emented by the NNSF (Non Access Stratum Node Selection Function) if the NRI (Network Resource Identifier) transferred by the Ue does not match the NRI of any configured Iu interface with availability status -Enabled-.			
pmNnsfNriRouted	ACCUMULATION	INTEGER	Number of Ue Initial Direct Transfer messages routed to this Iu interface by the NNSF (Non access stratum Node	ManagedElement_RncFunction_CnOperator_IuLink_Ranap.pmNnsfNriRouted	Sum	erttbh, Sum

			<p>Selection Function), for which the NRI (Network Resource Identifier) transferred by the Ue matches the NRI of this Iu interface. Incremented by the NNSF (Non access stratum Node Selection Function) if the NRI (Network Resource Identifier) transferred by the Ue matches the NRI of an Iu interface with availability status -Enabled-.</p>		
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7.71 RNC Performance Indicators

This section shows the key performance indicators and other counters for the RNC object, divided into the following sub-sections:

- [RNC.Ericsson.UMTS.channel_quality](#)
- [RNC.Ericsson.UMTS.CN_Service](#)
- [RNC.Ericsson.UMTS.establishments_and_release](#)

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- [RNC.Ericsson.UMTS.frame_synchronization](#)
- [RNC.Ericsson.UMTS.HSDPA_Packet_Data](#)
- [RNC.Ericsson.UMTS.Inter_Radio_Access_Technology_Handover](#)
- [RNC.Ericsson.UMTS.Iu_RANAP_handling](#)
- [RNC.Ericsson.UMTS.Iu_Scep_connection](#)
- [RNC.Ericsson.UMTS.Packet_Data](#)
- [RNC.Ericsson.UMTS.paging_counters](#)
- [RNC.Ericsson.UMTS.PDF_pmIuScepConRate](#)
- [RNC.Ericsson.UMTS.PDF_pmSamplesHsDIDelayPsCnvUnk](#)
- [RNC.Ericsson.UMTS.PDF_pmSamplesHsDIDelayPsSpeech](#)
- [RNC.Ericsson.UMTS.PDF_pmSumHsDIDelayPsCnvUnk](#)
- [RNC.Ericsson.UMTS.PDF_pmSumHsDIDelayPsSpeech](#)
- [RNC.Ericsson.UMTS.Positioning](#)
- [RNC.Ericsson.UMTS.radio_connection_supervision](#)
- [RNC.Ericsson.UMTS.rlc_statistics](#)
- [RNC.Ericsson.UMTS.RNC_Processor_Load](#)
- [RNC.Ericsson.UMTS.rrc_connection_setup_and_release](#)
- [RNC.Ericsson.UMTS.SDU_Timing](#)
- [RNC.Ericsson.UMTS.Security_Handling](#)
- [RNC.Ericsson.UMTS.traffic_volume](#)

7.71.1 RNC.Ericsson.UMTS.channel_quality

Channel quality statistics at RNC level.

KPI	Type	Data Type	Description	Derivation	Default Aggregator	Other Aggregators
%_CS57_UL_BLER	INTENSITY	FLOAT	(Report) Transport block error rate after combining at RNC in uplink for CS 57.	if(ManagedElement_RncFunction_UeRc_8.pmTransportBlocksAcUI =0) then 0 else(pmFaultyTransportBlocksAcUI / pmTransportBlocksAcUI *100)	Average	Average, erttbh, Maximum, Minimum, Sum
%_CS64_UL_BLER	INTENSITY	FLOAT	(Report) Transport	if(ManagedElement_RncFunction_UeRc_3.pmTransportBlocksAcUI =0) then 0	Average	Average, erttbh, Maximum

			ort block error rate after combin ing at RNC in uplink for CS 64.	else(pmFaultyTransportBlo cksAcUI / pmTransportBlocksAcUI *100)		m, Minimu m, Sum
%_PS_interactive_U L_BLER	INTENSITY	FLO AT	(Report) Transp ort block error rate after combin ing at RNC in uplink for PS interact ive.	if(ManagedElement_RncFu nction_UeRc_CQ.pmTrans portBlocksAcUI =0) then 0 else(pmFaultyTransportBlo cksAcUI / pmTransportBlocksAcUI*1 00)	Averag e	Average , erttbh, Maximu m, Minimu m, Sum
%_PS_streaming_U L_BLER	INTENSITY	FLO AT	(Report) Transp ort block error rate after combin ing at RNC in uplink for PS streami	if(ManagedElement_RncFu nction_UeRc_13.pmTransp ortBlocksAcUI =0) then 0 else(pmFaultyTransportBlo cksAcUI / pmTransportBlocksAcUI*1 00)	Averag e	Average , erttbh, Maximu m, Minimu m, Sum

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			ng + Packet 8kbps.			
$\bar{\%}_{\text{speech_PS64_UL_BLER}}$	INTENSITY	FLOAT	(Report) Transport block error rate after combining at RNC in uplink for CS 57.	if(ManagedElement_RncFunction_UeRc_10.pmTransportBlocksAcUI =0) then 0 else(pmFaultyTransportBlocksAcUI / pmTransportBlocksAcUI *100)	Average	Average, erttbh, Maximum, Minimum, Sum
$\bar{\%}_{\text{speech_UL_BLER}}$	INTENSITY	FLOAT	(Report) Transport block error rate after combining at RNC in uplink for speech.	if(ManagedElement_RncFunction_UeRc_2.pmTransportBlocksAcUI =0) then 0 else(pmFaultyTransportBlocksAcUI / pmTransportBlocksAcUI *100)	Average	Average, erttbh, Maximum, Minimum, Sum
cmavgfaultytransportblocksacul	PERCENTAGE	FLOAT	Number Average faulty RACH transport blocks.	100 * {pmfaultytransportblocksacul} / {pmtransportblocksacul}	Average	Average, erttbh
pmfaultytransportblocksacul	ACCUMULATION	INT8	Number of faulty UL	ManagedElement_RncFunction_UeRc_ACCUM.pmFaultyTransportBlocksAcUI	Sum	erttbh, Sum

			DCH transport blocks.			
pmtransportblocksacul	ACCUMULATION	INT8	Number of UL DCH transport blocks.	ManagedElement_RncFunction_UeRc_ACCUM.pmTransportBlocksAcUI	Sum	erttbh, Sum

7.71.2 RNC.Ericsson.UMTS.CN_Service

RNC to Core network service statistics.

KPI	Type	Data Type	Description	Derivation	Default Aggregator	Other Aggregators
%_pmCsCnDowntime	PERCENTAGE	FLOAT	Percentage of CS-CN downtime.	$100 * \frac{\{pmCsCnDowntime\}}{\{measurement_seconds\}}$	Average	Average, erttbh
pmCsCnDowntime	ACCUMULATION	INTEGER	The CS-CN downtime in seconds.	ManagedElement_RncFunction.pmCsCnDowntime	Sum	erttbh, Sum

7.71.3 RNC.Ericsson.UMTS.establishments_and_release

RAB establishment and release statistics.

KPI	Type	Data Type	Description	Derivation	Default Aggregator	Other Aggregators
%_pmNoRabEstablishSuccess	PERCENTAGE	FLOAT	Percentage of successf	$100 * \frac{\{pmNoRabEstablishSuccess\}}{\{pmNoRabEstablishAttempts\}}$	Average	Average, erttbh

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			ul RAB establishments.		
$\bar{\%}_{\text{pmNoRabReleaseSuccess}}$	PERCENTAGE	FLOAT	Percentage of successful RB releases due to In release from CN, aggregated all UeRc types	$100 * \frac{\{\text{pmNoRabReleaseSuccess}\}}{\{\text{pmNoRabReleaseAttempts}\}}$	Average, erttbh
Avg_pmRabEstablish	INTENSITY	FLOAT	Average of all sample values recorded for number of RABs established, accumulated from all UeRc.	$\text{thresholddiv}(\{\text{pmSumRabEstablishrabestablish}\}, \{\text{pmSamplesRabEstablish}\}, 0, 0)$	Average, erttbh, Maximum, Minimum, Sum
pmnoinvalidrabestablishattempts	ACCUMULATION	INT8	Number of invalid RAB establishment attempts	ManagedElement_RncFunction.pmNoInvalidRabEstablishAttempts	Sum, erttbh, Sum
pmnoinvalidrabreleaseattempts	ACCUMULATION	INT8	Number of invalid	ManagedElement_RncFunction.pmNoInvalidRabReleaseAttempts	Sum, erttbh, Sum

			RAB release attempts			
pmNoRabEstablishAttempts	ACCUMULATION	INT 8	Accumulated from UeRC: Number of RAB establishment attempts	ManagedElement_RncFunction_UeRc_ACCUM.pmNoRabEstablishAttempts	Sum	erttbh, Sum
pmNoRabEstablishFailureUeCapability	ACCUMULATION	INT 8	Number of failed RAB establishments due to insufficient UE capabilities	ManagedElement_RncFunction.pmNoRabEstablishFailureUeCapability	Sum	erttbh, Sum
pmNoRabEstablishSuccess	ACCUMULATION	INT 8	Accumulated from UeRC: Number of successful RAB establishments.	ManagedElement_RncFunction_UeRc_ACCUM.pmNoRabEstablishSuccess	Sum	erttbh, Sum
pmNoRabReleaseAttempts	ACCUMULATION	INT 8	Accumulated from UeRC:	ManagedElement_RncFunction_UeRc_ACCUM.pmNoRabReleaseAttempts	Sum	erttbh, Sum

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			Number of RB release attempts due to Iu release from CN (when there is a connection to the other CN as well) or RAB Assignment Request with RABs to release.		
pmNoRabReleaseSuccess	ACCUMULATION	INT8	Accumulated from UeRC: Number of successful RB releases due to Iu release from CN.	ManagedElement_RncFunction_UeRc_ACCUM.pmNoRabReleaseSuccess	Sum erttbh, Sum
pmSamplesRabEstablish	ACCUMULATION	INT8	Accumulated from UeRC: Number of	ManagedElement_RncFunction_UeRc_ACCUM.pmSamplesRabEstablish	Sum erttbh, Sum

			samples recorded within the ROP period for number of RABs established.			
pmSumRabEstablishra bestablish	ACCUMULATION	INT 8	Accumulated from UeRC:Sum of all sample values recorded for number of RABs established.	ManagedElement_RncFunction_UeRc_ACCUM.pmSumRabEstablish	Sum	erttbh, Sum

7.71.4 RNC.Ericsson.UMTS.frame_synchronization

Data frame synchronization statistics. Group marked as obsolete in P7 - counters stored under DchFrameSynch object.

KPI	Type	Data Type	Description	Derivation	Default Aggregator	Other Aggregators
pmnocchdiscardedat	ACCUMULATION	INT	"-	ManagedElement_RncFunction_C	Sum	erttbh,

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aframese	LATION	T8	obsole te from release P7. Numb er of discar ded DL data frames due to too early recepti on."	chFrameSynch.pmNoCchDiscarde dDataFramesE		Sum
pmnocchdiscardeddat aframesl	ACCUMU LATION	IN T8	"- obsole te from release P7. Numb er of discar ded DL data frames due to too late recepti on."	ManagedElement_RncFunction_C chFrameSynch.pmNoCchDiscarde dDataFramesL	Sum	erttbh, Sum
pmnochtimingadjco ntrframes	ACCUMU LATION	IN T8	"- obsole te from release P7. Numb er of receiv ed DL	ManagedElement_RncFunction_C chFrameSynch.pmNoCchTimingA djContrFrames	Sum	erttbh, Sum

			timing adjustment control frames for FACH and PCH."			
pmnodchdltimingadjcontrframes	ACCUMULATION	INT8	"- obsolete from release P7. Number of received DL timing adjustment control frames for Dch."	ManagedElement_RncFunction_DchFrameSynch.pmNoDchDLTimingAdjContrFrames	Sum	erttbh, Sum
pmnodchuldataframesoutsidewindow	ACCUMULATION	INT8	"- obsolete from release P7. Number of UL data frames received	ManagedElement_RncFunction_DchFrameSynch.pmNoDchUIDataFramesOutsideWindow	Sum	erttbh, Sum

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			ed outside desired window."			
pmnodldchdiscardeddataframese	ACCUMULATION	INT8	"_ obsolete from release P7. Number of discarded DL data frames due to too early reception."	ManagedElement_RncFunction_DchFrameSynch.pmNoDIDchDiscardedDataFramesE	Sum	erttbh, Sum
pmnodldchdiscardeddataframesl	ACCUMULATION	INT8	"_ obsolete from release P7. Number of discarded DL data frames due to too late reception."	ManagedElement_RncFunction_DchFrameSynch.pmNoDIDchDiscardedDataFramesL	Sum	erttbh, Sum

7.71.5 RNC.Ericsson.UMTS.HSDPA_Packet_Data

HSDPA packet data related statistics.

KPI	Type	Data Type	Description	Derivation	Default Aggregator	Other Aggregators
pmNoOfPacketCallDurationHs1	ACCUMULATION	INT8	Accumulated number of RAB activity periods for bursts of size between 200 bytes and 1 kbyte for all interactive RABs on HSDPA.	ManagedElement_RncFunction.pmNoOfPacketCallDurationHs1	Sum	erttbh, Sum
pmNoOfPacketCallDurationHs2	ACCUMULATION	INT8	Accumulated number of RAB activity periods for bursts of size between 1 kbyte and 10 kbytes for all interactive RABs on	ManagedElement_RncFunction.pmNoOfPacketCallDurationHs2	Sum	erttbh, Sum

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			HSDPA.			
pmNoOfPacketCallDurationHs3	ACCUMULATION	INT8	Accumulated number of RAB activity periods for bursts of size between 10 kbytes and 100 kbytes for all interactive RABs on HSDPA.	ManagedElement_RncFunction.pmNoOfPacketCallDurationHs3	Sum	erttbh, Sum
pmNoOfPacketCallDurationHs4	ACCUMULATION	INT8	Accumulated number of RAB activity periods for bursts of size greater than 100 kbytes for all interactive RABs on HSDPA	ManagedElement_RncFunction.pmNoOfPacketCallDurationHs4	Sum	erttbh, Sum
pmSentPacketDataHs1	ACCUMULATION	INT8	Accumulated amount (in bytes) of user data transmitted in bursts of size	ManagedElement_RncFunction.pmSentPacketDataHs1	Sum	erttbh, Sum

			between 200 bytes and 1 kbyte for all Interactive RABs on HSDPA, not including retransmissions.			
pmSentPacketDataHs2	ACCUMULATION	INT8	Accumulated amount (in bytes) of user data transmitted in bursts of size between 1 kbyte and 10 kbytes for all Interactive RABs on HSDPA, not including retransmissions.	ManagedElement_RncFunction.pmSentPacketDataHs2	Sum	erttbh, Sum
pmSentPacketDataHs3	ACCUMULATION	INT8	Accumulated amount (in bytes)	ManagedElement_RncFunction.pmSentPacketDataHs3	Sum	erttbh, Sum

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			of user data transmitted in bursts of size between 10 kbytes and 100 kbytes for all Interactive RABs on HSDPA, not including retransmissions.		
pmSentPacketDataHs4	ACCUMULATION	INT8	Accumulated amount (in bytes) of user data transmitted in bursts of size greater than 100 kbytes for all Interactive RABs on HSDPA, not including retransmissions.	ManagedElement_RncFunction.pmSentPacketDataHs4	Sum erttbh, Sum
pmSentPacketDataInclRetransHs1	ACCUMULATION	INT8	Accumulated amount	ManagedElement_RncFunction.pmSentPacketDataInclRetransHs1	Sum erttbh, Sum

			(in bytes)of user data transmitted in bursts of size between 200 bytes and 1 kbyte, for all Interactive RABs on HSDPA, including retransmitted data.			
pmSentPacketDataInclRetransHs2	ACCUMULATION	INT8	Accumulated amount (in bytes) of user data transmitted in bursts of size between 1 kbyte and 10 kbytes, for all Interactive RABs on HSDPA, including retransmi	ManagedElement_RncFunction.pmSentPacketDataInclRetransHs2	Sum	erttbh, Sum

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			tted data.		
pmSentPacketDataInclRetransHs3	ACCUMULATION	INT8	Accumulated amount (in bytes) of user data transmitted in bursts of size between 10 kbytes and 100 kbytes, for all Interactive RABs on HSDPA, including retransmitted data.	ManagedElement_RncFunction.pmSentPacketDataInclRetransHs3	Sum erttbh, Sum
pmSentPacketDataInclRetransHs4	ACCUMULATION	INT8	Accumulated amount (in bytes) of user data transmitted in bursts of size greater than 100 kbytes, for all Interactive RABs on HSDPA, including retransmitted data.	ManagedElement_RncFunction.pmSentPacketDataInclRetransHs4	Sum erttbh, Sum

pmTotalPacketDurationHs1	ACCUMULATION	INT8	Accumulated time (in ms) that data has been transmitted in bursts of size between 200 bytes and 1 kbyte for all Interactive RABs on HSDPA.	ManagedElement_RncFunction.pmTotalPacketDurationHs1	Sum	erttbh, Sum
pmTotalPacketDurationHs2	ACCUMULATION	INT8	Accumulated time (in ms) that data has been transmitted in bursts of size between 1 kbyte and 10 kbytes for all Interactive RABs on HSDPA.	ManagedElement_RncFunction.pmTotalPacketDurationHs2	Sum	erttbh, Sum
pmTotalPacketDurationHs3	ACCUMULATION	INT8	Accumulated time (in ms) that data	ManagedElement_RncFunction.pmTotalPacketDurationHs3	Sum	erttbh, Sum

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			has been transmitted in bursts of size between 10 kbytes and 100 kbytes for all Interactive RABs on HSDPA.		
pmTotalPacketDurationHs4	ACCUMULATION	INT8	Accumulated time (in ms) that data has been transmitted in bursts of size greater than 100 kbytes for all Interactive RABs on HSDPA.	ManagedElement_RncFunction.pmTotalPacketDurationHs4	Sum erttbh, Sum
Tot_pmNoOfPacketCallDurationHs	ACCUMULATION	INT8	Total number of RAB activity periods for bursts of size between 200 bytes and 100 kbytes for all interactive	{pmNoOfPacketCallDurationHs1}+ {pmNoOfPacketCallDurationHs2}+ {pmNoOfPacketCallDurationHs3}+ {pmNoOfPacketCallDurationHs4}	Sum erttbh, Sum

			e RABs on HSDPA.		
Tot_pmSentPacketDataHs	ACCUMULATION	INT8	Total amount (in bytes) of user data transmitted in bursts of size between 200 bytes and 100 kbytes for all Interactive RABs on HSDPA, not including retransmissions.	{pmSentPacketDataHs1}+ {pmSentPacketDataHs2}+ {pmSentPacketDataHs3}+ {pmSentPacketDataHs4}	Sum erttbh, Sum
Tot_pmSentPacketDataInclRetransHs	ACCUMULATION	INT8	Total amount (in bytes) of user data transmitted in bursts of size between 200 bytes and 100 kbytes, for all Interactive	{pmSentPacketDataInclRetransHs1}+ {pmSentPacketDataInclRetransHs2}+ {pmSentPacketDataInclRetransHs3}+ {pmSentPacketDataInclRetransHs4}	Sum erttbh, Sum

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			e RABs on HSDPA, including retransmitted data.		
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7.71.6 RNC.Ericsson.UMTS.Inter_Radio_Access_Technology_Handover

Inter Radio Access Technology handover related statistics.

KPI	Type	Data Type	Description	Derivation	Default Aggregator	Other Aggregators
pmNoSbHoMeasStart	ACCUMULATION	INTEGER	Total number of started Service Based GSM Handover measurements per RNC.	ManagedElement_RncFunction_Handover.pmNoSbHoMeasStart	Sum	erttbh, Sum
pmNoSuccessSbHo	ACCUMULATION	INTEGER	Total number of successful outgoing Service Based GSM Handover per RNC. Counter is stepped when Iu Release is received	ManagedElement_RncFunction_Handover.pmNoSuccessSbHo	Sum	erttbh, Sum

			from CS CN.			
pmSofterHoAttemptNonIur	ACCUMULATION	INTEGER	Number of attempted non-Iur softer handovers.	ManagedElement_RncFunction_Handover.pmSofterHoAttemptNonIur	Sum	erttbh, Sum
pmSofterHoSuccessNonIur	ACCUMULATION	INTEGER	Number of successful non-Iur softer handovers.	ManagedElement_RncFunction_Handover.pmSofterHoSuccessNonIur	Sum	erttbh, Sum
pmSoftHoAttemptNonIur	ACCUMULATION	INTEGER	Number of attempted non-Iur soft handovers.	ManagedElement_RncFunction_Handover.pmSoftHoAttemptNonIur	Sum	erttbh, Sum
pmSoftHoSuccessNonIur	ACCUMULATION	INTEGER	Number of successful non-Iur soft handovers.	ManagedElement_RncFunction_Handover.pmSoftHoSuccessNonIur	Sum	erttbh, Sum
pmSoftSofterHoAttemptIur	ACCUMULATION	INTEGER	Number of attempted soft and softer handovers over	ManagedElement_RncFunction_Handover.pmSoftSofterHoAttemptIur	Sum	erttbh, Sum

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			Iur.			
pmSoftSofterHoSuccessIur	ACCUMULATION	INTEGER	Number of successful soft and softer handovers over Iur.	ManagedElement_RncFunction_Handover.pmSoftSofterHoSuccessIur	Sum	erttbh, Sum
pmTotNoSbHo	ACCUMULATION	INTEGER	Total number of potential Service Based GSM Handover users per RNC. Counter is stepped at the reception of RAB Assignment Request if the RAB combination is "speech only" and the IE Service Handover has value -Handover to GSM should be performed.	ManagedElement_RncFunction_Handover.pmTotNoSbHo	Sum	erttbh, Sum

7.71.7 RNC.Ericsson.UMTS.Iu_RANAP_handling

Iu interface RANAP statistics.

KPI	Type	Data Type	Description	Derivation	Default Aggregator	Other Aggregators
$\bar{\%_pmNoIuSigEstablishSuccessCs}$	PERCENTAGE	FLOAT	Percent age of number of successful IU signalling connection setups towards the CS CN. Counter is stepped at successful establishment of IU signalling connection towards CS CN.	$100 * \frac{\{pmNoIuSigEstablishSuccessCs\}}{\{pmNoIuSigEstablishAttemptCs\}}$	Average	Average, erttbh
$\bar{\%_pmNoIuSigEstablishSuccessPs}$	PERCENTAGE	FLOAT	Percent age number	$100 * \frac{\{pmNoIuSigEstablishSuccessPs\}}{\{pmNoIuSigEstablishAttemptPs\}}$	Average	Average, erttbh

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			of successful IU signalling connection setups towards the PS CN. Counter is stepped at successful establishment of IU signalling connection towards PS CN.	{pmNoIuSigEstablishAttemptPs}		
pmMocnRedirections	ACCUMULATION	INTEGER	- Obsolete in P6-Number of Multi-Operator Core Network (MOCN) Redirection Indications received from Core Network	ManagedElement_RncFunction.pmMocnRedirections	Sum	erttbh, Sum

			k when MOCN is active. This counter is stepped when a Redirection Indication from CN is received			
pmNoIuSigEstablishAttemptCs	ACCUMULATION	INTEGER	Number of IU Ranap Handling setup attempts towards the CS CN. Counter is stepped on reception of RRC Initial Direct Transfer for CS CN from UE when	ManagedElement_RncFunction.pmNoIuSigEstablishAttemptCs	Sum	erttbh, Sum

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			no signalling connection to the PS CN exist.		
pmNoIuSigEstablishAttemptsPs	ACCUMULATION	INTEGER	Number of IU signalling connection setup attempts towards the PS CN. Counter is stepped on reception of RRC Initial Direct Transfer for PS CN from UE when no signalling connection to the PS CN exist.	ManagedElement_RncFunction.pmNoIuSigEstablishAttemptsPs	Sum erttbh, Sum
pmNoIuSigEstablishSuccessCs	ACCUMULATION	INTEGER	Number of success	ManagedElement_RncFunction.pmNoIuSigEstablishSuccessCs	Sum erttbh, Sum

			ful IU signalling connection setups towards the CS CN. Counter is stepped at successful establishment of IU signalling connection towards CS CN.			
pmNoIuSigEstablishSuccessPs	ACCUMULATION	INTEGER	Number of successful IU signalling connection setups towards the PS CN. Counter is stepped at successful	ManagedElement_RncFunction.pmNoIuSigEstablishSuccessPs	Sum	erttbh, Sum

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			establishment of IU signaling connection towards PS CN.		
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7.71.8 RNC.Ericsson.UMTS.lu_Sccp_connection

Iu Sccp connection data.

KPI	Type	Data Type	Description	Derivation	Default Aggregator	Other Aggregators
pmIuSccpConRate_Avg	INTENSITY	FLOAT	Average: Iu-signaling connection setup rate.	ManagedElement_RncFunction.pmIuSccpConRate_Avg	Average	erttbh, Sum, Minimum, Maximum
pmIuSccpConRate_Max	INTENSITY	FLOAT	Maximum: Iu-signaling connection setup rate.	ManagedElement_RncFunction.pmIuSccpConRate_Max	Average	erttbh, Sum, Minimum, Maximum
pmIuSccpConRate_Min	INTENSITY	FLOAT	Minimum: Iu-signaling connection setup rate.	ManagedElement_RncFunction.pmIuSccpConRate_Min	Average	erttbh, Sum, Minimum, Maximum

7.71.9 RNC.Ericsson.UMTS.Packet_Data

Packet data (non HS) related statistics.

KPI	Type	Data Type	Description	Derivation	Default Aggregator	Other Aggregators
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pmNoOfPacketCallDuration1	ACCUMULATION	INT8	Accumulated number of RAB activity periods for bursts of size between 200 bytes and 1 kbyte.	ManagedElement_RncFunction.pmNoOfPacketCallDuration1	Sum	erttbh, Sum
pmNoOfPacketCallDuration2	ACCUMULATION	INT8	Accumulated number of RAB activity periods for bursts of size between 1 kbyte and 10 kbytes.	ManagedElement_RncFunction.pmNoOfPacketCallDuration2	Sum	erttbh, Sum
pmNoOfPacketCallDuration3	ACCUMULATION	INT8	Accumulated number of RAB activity periods for bursts of size between 10 kbyte and 100 kbytes	ManagedElement_RncFunction.pmNoOfPacketCallDuration3	Sum	erttbh, Sum
pmNoOfPacketCallDuration4	ACCUMULATION	INT8	Accumulated number of RAB	ManagedElement_RncFunction.pmNoOfPacketCallDuration4	Sum	erttbh, Sum

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			activity periods for bursts of size greater than 100 kbytes			
pmSentPacketData1	ACCUMULATION	INT8	Accumulated amount (in bytes) of user data transmitted in bursts of size between 200 bytes and 1 kbyte for all Interactive RABs, not including retransmissions.	ManagedElement_RncFunction.pmSentPacketData1	Sum	erttbh, Sum
pmSentPacketData2	ACCUMULATION	INT8	Accumulated amount (in bytes) of user data transmitted in bursts of size between 1 kbyte and 10 kbytes for all Interactive RABs, not	ManagedElement_RncFunction.pmSentPacketData2	Sum	erttbh, Sum

			including retransmissions.			
pmSentPacketData3	ACCUMULATION	INT8	Accumulated amount (in bytes) of user data transmitted in bursts of size between 10 kbyte and 100 kbytes for all Interactive RABs, not including retransmissions.	ManagedElement_RncFunction.pmSentPacketData3	Sum	erttbh, Sum
pmSentPacketData4	ACCUMULATION	INT8	Accumulated amount (in bytes) of user data transmitted in bursts of size greater than 100 kbytes for all Interactive RABs,	ManagedElement_RncFunction.pmSentPacketData4	Sum	erttbh, Sum

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			not including retransmissions			
pmSentPacketDataInclRetrans1	ACCUMULATION	INT8	Accumulated amount (in bytes) of user data transmitted in bursts of size between 200 bytes and 1 kbyte for all Interactive RABs, including retransmitted data over the radio.	ManagedElement_RncFunction.pmSentPacketDataInclRetrans1	Sum	erttbh, Sum
pmSentPacketDataInclRetrans2	ACCUMULATION	INT8	Accumulated amount (in bytes) of user data transmitted in bursts of size between 1 kbyte and 10 kbytes for all Interactive RABs, including retransmitted data	ManagedElement_RncFunction.pmSentPacketDataInclRetrans2	Sum	erttbh, Sum

			over the radio.		
pmSentPacketDataInclRetrans3	ACCUMULATION	INT8	Accumulated amount (in bytes) of user data transmitted in bursts of size between 10 kbyte and 100 kbytes for all Interactive RABs, including retransmitted data over the radio	ManagedElement_RncFunction.pmSentPacketDataInclRetrans3	Sum erttbh, Sum
pmSentPacketDataInclRetrans4	ACCUMULATION	INT8	Accumulated amount (in bytes) of user data transmitted in bursts of size greater than 100 kbytes for all Interactive RABs,	ManagedElement_RncFunction.pmSentPacketDataInclRetrans4	Sum erttbh, Sum

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			including retransmitted data over the radio			
pmTotalPacketDuration1	ACCUMULATION	INT8	Accumulated time (in ms) that data has been transmitted in bursts of size between 200 bytes and 1 kbyte for all Interactive RABs	ManagedElement_RncFunction.pmTotalPacketDuration1	Sum	erttbh, Sum
pmTotalPacketDuration2	ACCUMULATION	INT8	Accumulated time (in ms) that data has been transmitted in bursts of size between 1 kbyte and 10 kbytes for all Interactive RABs.	ManagedElement_RncFunction.pmTotalPacketDuration2	Sum	erttbh, Sum
pmTotalPacketDuration3	ACCUMULATION	INT8	Accumulated time (in ms) that data has been transmitted in bursts of	ManagedElement_RncFunction.pmTotalPacketDuration3	Sum	erttbh, Sum

			size between 10 kbyte and 100 kbytes for all Interactive RABs		
pmTotalPacketDuration4	ACCUMULATION	INT8	Accumulated time (in ms) that data has been transmitted in bursts of size greater than 100 kbytes for all Interactive RABs	ManagedElement_RncFunction.pmTotalPacketDuration4	Sum erttbh, Sum
Tot_pmNoOfPacketCallDuration	ACCUMULATION	INT8	Total number of RAB activity periods for bursts of size between 200 bytes and 100 kbytes.	{pmNoOfPacketCallDuration1}+ {pmNoOfPacketCallDuration2}+ {pmNoOfPacketCallDuration3}+ {pmNoOfPacketCallDuration4}	Sum erttbh, Sum
Tot_pmSentPacketDataInclRetrans	ACCUMULATION	INT8	Total amount (in bytes) of user data	{pmSentPacketDataInclRetrans1}+ {pmSentPacketDataInclRetrans2}+ {pmSentPacketDataInclRetra	Sum erttbh, Sum

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			transmitted in bursts of size between 200 bytes and 1 kbyte for all Interactive RABs, including retransmitted data over the radio.	ns3}+ {pmSentPacketDataInclRetrans4}		
Tot_pmSentPacketData	ACCUMULATION	INT8	Total amount (in bytes) of user data transmitted in bursts of size between 200 bytes and 100 kbytes for all Interactive RABs, not including retransmissions.	{pmSentPacketData1}+ {pmSentPacketData2}+ {pmSentPacketData3}+ {pmSentPacketData4}	Sum	erttbh, Sum

7.71.10RNC.Ericsson.UMTS.paging_counters

UTRAN paging statistics at RNC.

KPI	Type	Data Type	Description	Derivation	Default Aggregator	Other Aggregators
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pmcninitpagingtoidle	ACCUMULATION	INT8	Number of CN-initiated pages without paging area ID sent to idle mode UEs (CS or PS pages).	ManagedElement_RncFunction_Paging.pmCnInitPagingToIdleUe	Sum	erttbh, Sum
pmnopagediscardmploadc	ACCUMULATION	INT8	Number of pages discarded due to central MP load control.	ManagedElement_RncFunction_Paging.pmNoPageDiscardCmpLoadC	Sum	erttbh, Sum

7.71.11RNC.Ericsson.UMTS.PDF_pmluSccpConRate

pmLuSccpConRate PDF counters

KPI	Type	Data Type	Description	Derivation	Default Aggregator	Other Aggregators
pmLuSccpConRate_0	ACCUMULATION	INTEGER	Iu-signaling connection setup rate.	ManagedElement_RncFunction.pmLuSccpConRate_0	Sum	
pmLuSccpConRate_10	ACCUMULATION	INTEGER	Iu-signaling connection setup rate.	ManagedElement_RncFunction.pmLuSccpConRate_10	Sum	
pmLuSccpConRate_11	ACCUMULATION	INTEGER	Iu-signaling	ManagedElement_RncFunction.pmLuSccpConRate_11	Sum	

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			connection setup rate.	ate_11		
pmIuSccpConRate_12	ACCUMULATION	INTEGER	Iu-signaling connection setup rate.	ManagedElement_RncFunction.pmIuSccpConRate_12	Sum	
pmIuSccpConRate_13	ACCUMULATION	INTEGER	Iu-signaling connection setup rate.	ManagedElement_RncFunction.pmIuSccpConRate_13	Sum	
pmIuSccpConRate_14	ACCUMULATION	INTEGER	Iu-signaling connection setup rate.	ManagedElement_RncFunction.pmIuSccpConRate_14	Sum	
pmIuSccpConRate_15	ACCUMULATION	INTEGER	Iu-signaling connection setup rate.	ManagedElement_RncFunction.pmIuSccpConRate_15	Sum	
pmIuSccpConRate_16	ACCUMULATION	INTEGER	Iu-signaling connection setup rate.	ManagedElement_RncFunction.pmIuSccpConRate_16	Sum	
pmIuSccpConRate_17	ACCUMULATION	INTEGER	Iu-signaling connection setup rate.	ManagedElement_RncFunction.pmIuSccpConRate_17	Sum	
pmIuSccpConRate_18	ACCUMULATION	INTEGER	Iu-signaling connection setup rate.	ManagedElement_RncFunction.pmIuSccpConRate_18	Sum	
pmIuSccpConRate_19	ACCUMULATION	INTEGER	Iu-signaling connection setup rate.	ManagedElement_RncFunction.pmIuSccpConRate_19	Sum	
pmIuSccpConRate_1	ACCUMULATION	INTEGER	Iu-signaling connection setup rate.	ManagedElement_RncFunction.pmIuSccpConRate_1	Sum	
pmIuSccpConRate_20	ACCUMULATION	INTEGER	Iu-signaling	ManagedElement_RncFunction.pmIuSccpConRate_20	Sum	

			connection setup rate.	ate_20		
pmIuSccpConRate_21	ACCUMULATION	INTEGER	Iu- signaling connection setup rate.	ManagedElement_RncFunction.pmIuSccpConRate_21	Sum	
pmIuSccpConRate_22	ACCUMULATION	INTEGER	Iu- signaling connection setup rate.	ManagedElement_RncFunction.pmIuSccpConRate_22	Sum	
pmIuSccpConRate_23	ACCUMULATION	INTEGER	Iu- signaling connection setup rate.	ManagedElement_RncFunction.pmIuSccpConRate_23	Sum	
pmIuSccpConRate_24	ACCUMULATION	INTEGER	Iu- signaling connection setup rate.	ManagedElement_RncFunction.pmIuSccpConRate_24	Sum	
pmIuSccpConRate_25	ACCUMULATION	INTEGER	Iu- signaling connection setup rate.	ManagedElement_RncFunction.pmIuSccpConRate_25	Sum	
pmIuSccpConRate_26	ACCUMULATION	INTEGER	Iu- signaling connection setup rate.	ManagedElement_RncFunction.pmIuSccpConRate_26	Sum	
pmIuSccpConRate_27	ACCUMULATION	INTEGER	Iu- signaling connection setup rate.	ManagedElement_RncFunction.pmIuSccpConRate_27	Sum	
pmIuSccpConRate_28	ACCUMULATION	INTEGER	Iu- signaling connection setup rate.	ManagedElement_RncFunction.pmIuSccpConRate_28	Sum	
pmIuSccpConRate	ACCUMULATION	INTEGER	Iu-	ManagedElement_RncFunction	Sum	

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ate_29	TION	ER	signaling connection setup rate.	unction.pmIuSccpConRate_29		
pmIuSccpConRate_2	ACCUMULATION	INTEGER	Iu-signaling connection setup rate.	ManagedElement_RncFunction.pmIuSccpConRate_2	Sum	
pmIuSccpConRate_30	ACCUMULATION	INTEGER	Iu-signaling connection setup rate.	ManagedElement_RncFunction.pmIuSccpConRate_30	Sum	
pmIuSccpConRate_31	ACCUMULATION	INTEGER	Iu-signaling connection setup rate.	ManagedElement_RncFunction.pmIuSccpConRate_31	Sum	
pmIuSccpConRate_32	ACCUMULATION	INTEGER	Iu-signaling connection setup rate.	ManagedElement_RncFunction.pmIuSccpConRate_32	Sum	
pmIuSccpConRate_33	ACCUMULATION	INTEGER	Iu-signaling connection setup rate.	ManagedElement_RncFunction.pmIuSccpConRate_33	Sum	
pmIuSccpConRate_34	ACCUMULATION	INTEGER	Iu-signaling connection setup rate.	ManagedElement_RncFunction.pmIuSccpConRate_34	Sum	
pmIuSccpConRate_35	ACCUMULATION	INTEGER	Iu-signaling connection setup rate.	ManagedElement_RncFunction.pmIuSccpConRate_35	Sum	
pmIuSccpConRate_36	ACCUMULATION	INTEGER	Iu-signaling connection setup rate.	ManagedElement_RncFunction.pmIuSccpConRate_36	Sum	
pmIuSccpConRate_37	ACCUMULATION	INTEGER	Iu-signaling connection setup rate.	ManagedElement_RncFunction.pmIuSccpConRate_37	Sum	
pmIuSccpConRate	ACCUMULATION	INTEGER	Iu-	ManagedElement_RncFunction	Sum	

ate_38	TION	ER	signaling connection setup rate.	unction.pmIuSccpConRate_38		
pmIuSccpConRate_39	ACCUMULATION	INTEGER	Iu-signaling connection setup rate.	ManagedElement_RncFunction.pmIuSccpConRate_39	Sum	
pmIuSccpConRate_3	ACCUMULATION	INTEGER	Iu-signaling connection setup rate.	ManagedElement_RncFunction.pmIuSccpConRate_3	Sum	
pmIuSccpConRate_4	ACCUMULATION	INTEGER	Iu-signaling connection setup rate.	ManagedElement_RncFunction.pmIuSccpConRate_4	Sum	
pmIuSccpConRate_5	ACCUMULATION	INTEGER	Iu-signaling connection setup rate.	ManagedElement_RncFunction.pmIuSccpConRate_5	Sum	
pmIuSccpConRate_6	ACCUMULATION	INTEGER	Iu-signaling connection setup rate.	ManagedElement_RncFunction.pmIuSccpConRate_6	Sum	
pmIuSccpConRate_7	ACCUMULATION	INTEGER	Iu-signaling connection setup rate.	ManagedElement_RncFunction.pmIuSccpConRate_7	Sum	
pmIuSccpConRate_8	ACCUMULATION	INTEGER	Iu-signaling connection setup rate.	ManagedElement_RncFunction.pmIuSccpConRate_8	Sum	
pmIuSccpConRate_9	ACCUMULATION	INTEGER	Iu-signaling connection setup rate.	ManagedElement_RncFunction.pmIuSccpConRate_9	Sum	

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7.71.12RNC.Ericsson.UMTS.PDF_pmSamplesHsDIDelayPsCnvUnk

pmSamplesHsDIDelayPsCnvUnk PDF counters

KPI	Type	Data Type	Description	Derivation	Default Aggregator	Other Aggregators
pmSamplesHsDIDelayPsCnvUnk_0	ACCUMULATION	INTEGER	Number of samples recorded within the ROP for pmSumHsDIDelayPsCnvUnk.	ManagedElement_RncFunction.pmSamplesHsDIDelayPsCnvUnk_0	Sum	
pmSamplesHsDIDelayPsCnvUnk_1	ACCUMULATION	INTEGER	Number of samples recorded within the ROP for pmSumHsDIDelayPsCnvUnk.	ManagedElement_RncFunction.pmSamplesHsDIDelayPsCnvUnk_1	Sum	
pmSamplesHsDIDelayPsCnvUnk_2	ACCUMULATION	INTEGER	Number of samples recorded within the ROP for pmSumHsDIDelayPsCnvUnk.	ManagedElement_RncFunction.pmSamplesHsDIDelayPsCnvUnk_2	Sum	

7.71.13RNC.Ericsson.UMTS.PDF_pmSamplesHsDIDelayPsSpeech

pmSamplesHsDIDelayPsSpeech PDF counters

KPI	Type	Data Type	Description	Derivation	Default Aggregator	Other Aggregators
pmSamplesHsDIDelayPsSpeech_0	ACCUMULATION	INTEGER	Number of samples recorded within the ROP for pmSumHsDIDelayPsSpeech.	ManagedElement_RncFunction.pmSamplesHsDIDelayPsSpeech_0	Sum	
pmSamplesHsDIDelayPsSpeech_1	ACCUMULATION	INTEGER	Number of samples	ManagedElement_RncFunction.pmSamplesHsDIDelayPsSpeech_1	Sum	

			recorded within the ROP for pmSumHsDIDelayPsSpeech.	ayPsSpeech_1		
pmSamplesHsDIDelayPsSpeech_2	ACCUMULATION	INTEGER	Number of samples recorded within the ROP for pmSumHsDIDelayPsSpeech.	ManagedElement_RncFunction.pmSamplesHsDIDelayPsSpeech_2	Sum	

7.71.14RNC.Ericsson.UMTS.PDF_pmSumHsDIDelayPsCnvUnk

pmSumHsDIDelayPsCnvUnk PDF counters

KPI	Type	Data Type	Description	Derivation	Default Aggregator	Other Aggregators
pmSumHsDIDelayPsCnvUnk_0	ACCUMULATION	INTEGER	Sum of all sample values recorded during a ROP for RAN SDU delay, for PS Conversational Unknown on HS-DSCH (downlink).	ManagedElement_RncFunction.pmSumHsDIDelayPsCnvUnk_0	Sum	
pmSumHsDIDelayPsCnvUnk_1	ACCUMULATION	INTEGER	Sum of all	ManagedElement_RncFunction.pmSumHsDIDelayPsCn	Sum	

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			sample values recorded during a ROP for RAN SDU delay, for PS Conversational Unknown on HS-DSCH (downlink).	vUnk_1		
pmSumHsDIDelayPsCnvUnk_2	ACCUMULATION	INTEGER	Sum of all sample values recorded during a ROP for RAN SDU delay, for PS Conversational Unknown on HS-DSCH (downlink).	ManagedElement_RncFunction.pmSumHsDIDelayPsCnvUnk_2	Sum	

7.71.15RNC.Ericsson.UMTS.PDF_pmSumHsDIDelayPsSpeech

pmSumHsDIDelayPsSpeech PDF counters

KPI	Type	Data Type	Description	Derivation	Default Aggregator	Other Aggregators
pmSumHsDIDelay	ACCUMUL	INTE	Sum of	ManagedElement_RncFunc	Sum	

PsSpeech_0	ATION	GER	all sample values recorded during a ROP for RAN SDU delay, for PS Conversational Speech on HS-DSCH (downlink).	tion.pmSumHsDIDelayPsSpeech_0		
pmSumHsDIDelayPsSpeech_1	ACCUMULATION	INTEGER	Sum of all sample values recorded during a ROP for RAN SDU delay, for PS Conversational Speech on HS-DSCH (downlink).	ManagedElement_RncFunction.pmSumHsDIDelayPsSpeech_1	Sum	
pmSumHsDIDelayPsSpeech_2	ACCUMULATION	INTEGER	Sum of all sample values recorded	ManagedElement_RncFunction.pmSumHsDIDelayPsSpeech_2	Sum	

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			during a ROP for RAN SDU delay, for PS Conversational Speech on HS-DSCH (downlink).		
--	--	--	---	--	--

7.71.16RNC.Ericsson.UMTS.Positioning

-Obsolete in P6- A-GPS positioning service related statistics.

KPI	Type	Data Type	Description	Derivation	Default Aggregator	Other Aggregators
pmPositioningReqAttAgps	ACCUMULATION	INT8	- Obsolete in P6- Number of UE positioning attempts for which the UE-based A-GPS method was selected for the	ManagedElement_RncFunction. pmPositioningReqAttAgps	Sum	erttbh, Sum

			initial attempt(reattempts excluded).			
pmPositioningReqAttCellId	ACCUMULATION	INT8	- Obsolete in P6- Number of UE positioning attempts for which the Cell ID method was selected for the initial attempt(reattempts excluded).	ManagedElement_RncFunction. pmPositioningReqAttCellId	Sum	erttbh, Sum
pmPositioningReqAttEsAgps	ACCUMULATION	INT8	- Obsolete in P6- Number of UE positio	ManagedElement_RncFunction. pmPositioningReqAttEsAgps	Sum	erttbh, Sum

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			ning attempts of emergency calls where UE-based A-GPS was selected for the first attempt. Reattempts excluded.		
pmPositioningReqAttEsCellId	ACCUMULATION	INT8	- Obsolete in P6- Number of UE positioning attempts of emergency calls where Cell ID was selected for the first attempt	ManagedElement_RncFunction. pmPositioningReqAttEsCellId	Sum erttbh, Sum

			t. Reattempts excluded.			
pmpositioningreqatt	ACCUMULATION	INT8	- Obsolete in P6- Number of attempted positioning requests from CN.	ManagedElement_RncFunction. pmPositioningReqAtt	Sum	erttbh, Sum
pmPositioningReqReAttCellId	ACCUMULATION	INT8	- Obsolete in P6- Number of successful UE positioning attempts for which the Cell ID method was selected for	ManagedElement_RncFunction. pmPositioningReqReAttCellId	Sum	erttbh, Sum

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			the initial attempt (re-attempts excluded).		
pmPositioningReqReAttEsCellId	ACCUMULATION	INT8	- Obsolete in P6- Number of successful positioning attempts where the Cell ID positioning method was selected, and where the quality of service was fulfilled. Re-attempts excluded.	ManagedElement_RncFunction. pmPositioningReqReAttEsCellId	Sum erttbh, Sum
pmPositioningReqReAttSuccCellId	ACCUMULATION	INT8	- Obsolete in	ManagedElement_RncFunction. pmPositioningReqReAttSuccCellId	Sum erttbh, Sum

			P6- Numb er of succes sful emerg ency positio ning attemp ts where the Cell ID positio ning metho d was selecte d. Reatte mpts exclud ed.			
pmPositioningReqSucc Agps	ACCUMU LATION	IN T8	- Obsole te in P6- Numb er of succes sful UE positio ning attemp ts for which the	ManagedElement_RncFunction. pmPositioningReqSuccAgps	Sum	erttbh, Sum

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			UE-based A-GPS method was selected for the initial attempt (re-attempts excluded).			
pmPositioningReqSuccAgpsQosSucc	ACCUMULATION	INT8	- Obsolete in P6- Number of successful positioning attempts where the UE-based A-GPS positioning method was selected, and where the quality of service	ManagedElement_RncFunction.pmPositioningReqSuccAgpsQosSucc	Sum	erttbh, Sum

			was fulfilled. Reattempts excluded.			
pmPositioningReqSuccCellId	ACCUMULATION	INT8	- Obsolete in P6- Number of successful emergency positioning attempts where the Cell ID positioning method was selected, and where the quality of service was fulfilled. Reattempts excluded.	ManagedElement_RncFunction. pmPositioningReqSuccCellId	Sum	erttbh, Sum

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			mpts exclud ed.			
pmPositioningReqSucc CellIdQosSucc	ACCUMU LATION	IN T8	- Obsole te in P6- Numb er of UE positio ning attemp ts for which the Cell ID metho d was selecte d for the initial attemp t, and the attemp t was stoppe d by the CN, for examp le, due to a release reques t from CN, IRAT hando ver to GSM,	ManagedElement_RncFunction. pmPositioningReqSuccCellIdQ osSucc	Sum	erttbh, Sum

			or a request from the CN to stop the attempt.			
pmPositioningReqSuccEsAgps	ACCUMULATION	INT8	- Obsolete in P6- Number of successful emergency positioning attempts where the UE-based A-GPS positioning method was selected. Reattempts excluded.	ManagedElement_RncFunction. pmPositioningReqSuccEsAgps	Sum	erttbh, Sum
pmPositioningReqSucc	ACCUMU	IN	-	ManagedElement_RncFunction.	Sum	erttbh,

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EsAgpsQosSucc	LATION	T8	<p>Obsole te in P6- Numb er of succes sful emerg ency positio ning attemp ts where the UE- based A- GPS positio ning metho d was selecte d, and where the quality of service was fulfille d. Reatte mpts exclud ed.</p>	pmPositioningReqSuccEsAgps QoSucc		Sum
pmpositioningreqsucc	ACCUMU LATION	IN T8	- Obsole te in P6- Numb er of succes sful	ManagedElement_RncFunction. pmPositioningReqSucc	Sum	erttbh, Sum

			positioning requests from CN. (The counter is redundant and should be removed in later phases).		
pmPositioningReqUnsuccAgpsAbort	ACCUMULATION	INT8	- Obsolete in P6- Number of UE positioning attempts for which the A-GPS method was selected for the initial attempt	ManagedElement_RncFunction. pmPositioningReqUnsuccAgpsAbort	Sum erttbh, Sum

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			t, and the attempt was stopped by the CN, for example, due to a release request from CN, IRAT handover to GSM, or a request from the CN to stop the attempt.		
positioningreqfail	ACCUMULATION	INT8	- Obsolete in P6- Number of failed positioning requests from CN.	{pmpositioningreqatt} - {pmpositioningreqsucc}	Sum erttbh, Sum

7.71.17RNC.Ericsson.UMTS.radio_connection_supervision

Radio connection supervision performance statistics.

KPI	Type	Data Type	Description	Derivation	Default Aggregator	Other Aggregators
pmnoreleasecchwaitcut	ACCUMULATION	INT8	Number of overall release triggered by cchWaitCuT expiry.	ManagedElement_Rnc Function_Rcs.pmNoReleaseCchWaitCuT	Sum	erttbh, Sum
pmnoreleasedchrclostt	ACCUMULATION	INT8	Number of overall release triggered by dchRcLostT expiry.	ManagedElement_Rnc Function_Rcs.pmNoReleaseDchRcLostT	Sum	erttbh, Sum
pmnorlccerrors	ACCUMULATION	INT8	Number of RLC unrecoverable error (UTRAN) for UEs on FACH or DCH.	ManagedElement_Rnc Function_Rcs.pmNoRLCErrors	Sum	erttbh, Sum

7.71.18RNC.Ericsson.UMTS.rlc_statistics

Radio Link Control related statistics.

KPI	Type	Data Type	Description	Derivation	Default Aggregator	Other Aggregators
_ul_block_error_rate	PERCENTAGE	FLOAT	Percentage UL Block	100 * {pmnodiscardsdudtch}/ {pmnoreceivedsdudtch}	Average	Average, erttbh

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			Error Rate.			
pmnodiscardsdu dch	ACCUMULA TION	INT8	Number of discarded RLC SDUs.	ManagedElement_RncFun ction.pmNoDiscardSduDcc h	Sum	erttbh, Sum
pmnodiscardsdu dtch	ACCUMULA TION	INT8	Number of discarded RLC SDUs.	ManagedElement_RncFun ction.pmNoDiscardSduDtc h	Sum	erttbh, Sum
pmnoreceivedsd udch	ACCUMULA TION	INT8	Number of received RLC SDUs, including discarded SDUs.	ManagedElement_RncFun ction.pmNoReceivedSduD cch	Sum	erttbh, Sum
pmnoreceivedsd udtch	ACCUMULA TION	INT8	Number of received RLC SDUs, including discarded SDUs.	ManagedElement_RncFun ction.pmNoReceivedSduDt ch	Sum	erttbh, Sum
pmnoretranspdu dch	ACCUMULA TION	INT8	Number of discarded RLC PDU.s.	ManagedElement_RncFun ction.pmNoRetransPduDcc h	Sum	erttbh, Sum
pmnoretranspdu dtch	ACCUMULA TION	INT8	Number of discarded RLC PDU.s.	ManagedElement_RncFun ction.pmNoRetransPduDtc h	Sum	erttbh, Sum
pmnosentpdudc ch	ACCUMULA TION	INT8	Number of received	ManagedElement_RncFun ction.pmNoSentPduDcch	Sum	erttbh, Sum

			RLC PDUs, including discarded SDUs.			
pmnosentpdudtch	ACCUMULATION	INT8	Number of received RLC PDUs, including discarded SDUs.	ManagedElement_RncFunction.pmNoSentPduDtch	Sum	erttbh, Sum

7.71.19RNC.Ericsson.UMTS.RNC_Processor_Load

- kpi group obsolete in P5. UTRAN radio network controller processor load.

KPI	Type	Data Type	Description	Derivation	Default Aggregator	Other Aggregators
pmSamplesMeasuredLoad	ACCUMULATION	INT8	- Obsolete in P5, replaced in Load_Control_Unit-Number of samples of the measured processor load. This	RXI_Plug_In_Unit_GeneralProcessorUnit.pmSamplesMeasuredLoad or NODEB_Plug_In_Unit_GeneralProcessorUnit.pmSamplesMeasuredLoad or RNC_Plug_In_Unit_GeneralProcessorUnit.pmSamplesMeasuredLoad	Sum	erttbh, Sum

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			counter is incremented by 1 at every sample of the process or load. The process or load is sampled once every 30 seconds.		
pmSumMeasured Load	INTENSITY	FLOAT	- Obsolete in P5, replaced in Load_Control_Unit- The sum of samples of the measured load. The load is measured in percentage. Every time the process or load	RXI_Plug_In_Unit_GeneralProcessorUnit.pmSumMeasuredLoad or NODEB_Plug_In_Unit_GeneralProcessorUnit.pmSumMeasuredLoad or RNC_Plug_In_Unit_GeneralProcessorUnit.pmSumMeasuredLoad	Average, Maximum, Minimum, Sum

			is sampled, the counter is incremented by the sampled load.		
--	--	--	---	--	--

7.71.20RNC.Ericsson.UMTS.rrc_connection_setup_and_release

Radio Resource Control (RRC) connection setup and release statistics.

KPI	Type	Data Type	Description	Derivation	Default Aggregator	Other Aggregators
pmNoOfRedirectedEmergencyCalls	ACCUMULATION	INT8	Number of rejected RRC connection setups due to emergency calls.	ManagedElement_RncFunction.pmNoOfRedirectedEmergencyCalls	Sum	erttbh, Sum

7.71.21RNC.Ericsson.UMTS.SDU_Timing

SDU latency and delay statistics.

KPI	Type	Data Type	Description	Derivation	Default Aggregator	Other Aggregators

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pmSamplesDchDchDIRcvDelay_0	ACCUMULATION	INTEGER	Number of samples in pmSumDchDchDIRcvDelay (that is, pmSamplesDchDchDIRcvDelay = pmSamplesDchDchDIRcvDelay +1, whenever pmSumDchDchDIRcvDelay is to be updated). Reset at each ROP period. Number of samples according to the respective SDU size (in bytes).	ManagedElement_RncFunction.pmSamplesDchDchDIRcvDelay_0	Sum	erttbh, Sum
pmSamplesDchDchDIRcvDelay_1	ACCUMULATION	INTEGER	Number of samples in pmSumDchDchDIRcvDelay (that is, pmSamplesDchDchDIRcvDelay = pmSamplesDchDchDIRcvDelay +1, whenever pmSumDchDchDIRcvDelay is to be updated). Reset at each ROP period. Number of samples according to the respective SDU size (in bytes).	ManagedElement_RncFunction.pmSamplesDchDchDIRcvDelay_1	Sum	erttbh, Sum
pmSamplesDchDchDIRcvDelay_2	ACCUMULATION	INTEGER	Number of samples in pmSumDchDchDIRcvDelay (that is, pmSamplesDchDchDIRcvDelay = pmSamplesDchDchDIRcvDelay +1, whenever	ManagedElement_RncFunction.pmSamplesDchDchDIRcvDelay_2	Sum	erttbh, Sum

			pmSumDchDchDlRcvDelay is to be updated). Reset at each ROP period. Number of samples according to the respective SDU size (in bytes).			
pmSamplesDchDchJitter	ACCUMULATION	INTEGER	Number of samples in pmSumDchDchJitter (that is, pmSamplesDchDchJitter = pmSamplesDchDchJitter +1, whenever pmSumDchDchJitter is to be updated). Reset at each ROP period.	ManagedElement_RncFunction.pmSamplesDchDchJitter	Sum	erttbh, Sum
pmSamplesDchDchLatency_0	ACCUMULATION	INTEGER	Number of samples in pmSumDchDchLatency (that is, pmSamplesDchDchLatency = pmSamplesDchDchLatency +1, whenever pmSumDchDchLatency is to be updated). Reset at each ROP period. Number of samples according to the respective SDU size (in bytes).	ManagedElement_RncFunction.pmSamplesDchDchLatency_0	Sum	erttbh, Sum

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pmSamplesDchDchLatency_1	ACCUMULATION	INTEGER	Number of samples in pmSumDchDchLatency (that is, pmSamplesDchDchLatency = pmSamplesDchDchLatency +1, whenever pmSumDchDchLatency is to be updated). Reset at each ROP period. Number of samples according to the respective SDU size (in bytes).	ManagedElement_RncFunction.pmSamplesDchDchLatency_1	Sum	erttbh, Sum
pmSamplesDchDchLatency_2	ACCUMULATION	INTEGER	Number of samples in pmSumDchDchLatency (that is, pmSamplesDchDchLatency = pmSamplesDchDchLatency +1, whenever pmSumDchDchLatency is to be updated). Reset at each ROP period. Number of samples according to the respective SDU size (in bytes).	ManagedElement_RncFunction.pmSamplesDchDchLatency_2	Sum	erttbh, Sum
pmSamplesDchDchDelay_0	ACCUMULATION	INTEGER	Number of samples in pmSumDchDchDelay (that is, pmSamplesDchDchDelay = pmSamplesDchDchDelay +1, whenever	ManagedElement_RncFunction.pmSamplesDchDchDelay_0	Sum	erttbh, Sum

			pmSumDchDIDelay is to be updated). Reset at each ROP period. Number of samples according to the respective SDU size (in bytes).			
pmSamplesDchDIDelay_1	ACCUMULATION	INTEGER	Number of samples in pmSumDchDIDelay (that is, pmSamplesDchDIDelay = pmSamplesDchDIDelay +1, whenever pmSumDchDIDelay is to be updated). Reset at each ROP period. Number of samples according to the respective SDU size (in bytes).	ManagedElement_RncFunction.pmSamplesDchDIDelay_1	Sum	erttbh, Sum
pmSamplesDchDIDelay_2	ACCUMULATION	INTEGER	Number of samples in pmSumDchDIDelay (that is, pmSamplesDchDIDelay = pmSamplesDchDIDelay +1, whenever pmSumDchDIDelay is to be updated). Reset at each ROP period.	ManagedElement_RncFunction.pmSamplesDchDIDelay_2	Sum	erttbh, Sum

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			Number of samples according to the respective SDU size (in bytes).			
pmSamplesHsDchDIRcvDelay_0	ACCUMULATION	INTEGER	Number of samples in pmSumHsDchDIRcvDelay (that is, pmSamplesHsDchDIRcvDelay = pmSamplesHsDchDIRcvDelay +1, whenever pmSumHsDchDIRcvDelay is to be updated). Reset at each ROP period. Number of samples according to the respective SDU size (in bytes),	ManagedElement_RncFunction.pmSamplesHsDchDIRcvDelay_0	Sum	erttbh, Sum
pmSamplesHsDchDIRcvDelay_1	ACCUMULATION	INTEGER	Number of samples in pmSumHsDchDIRcvDelay (that is, pmSamplesHsDchDIRcvDelay = pmSamplesHsDchDIRcvDelay +1, whenever pmSumHsDchDIRcvDelay is to be updated). Reset at each ROP period. Number of samples according to the respective SDU size (in bytes),	ManagedElement_RncFunction.pmSamplesHsDchDIRcvDelay_1	Sum	erttbh, Sum
pmSamplesHsDchDIRcvDelay_2	ACCUMULATION	INTEGER	Number of samples in pmSumHsDchDIR	ManagedElement_RncFunction.pmSamplesHsDchDIRcvDelay_2	Sum	erttbh, Sum

			<p>cvDelay (that is, pmSamplesHsDchDIRcvDelay = pmSamplesHsDchDIRcvDelay +1, whenever pmSumHsDchDIRcvDelay is to be updated). Reset at each ROP period. Number of samples according to the respective SDU size (in bytes),</p>			
pmSamplesHsDchJitter	ACCUMULATION	INTEGER	<p>Number of samples in pmSumHsDchJitter (that is, pmSamplesHsDchJitter = pmSamplesHsDchJitter +1, whenever pmSumHsDchJitter is to be updated). Reset at each ROP period.</p>	ManagedElement_RncFunction.pmSamplesHsDchJitter	Sum	erttbh, Sum
pmSamplesHsDchLatency_0	ACCUMULATION	INTEGER	<p>Number of samples in pmSumHsDchLatency (i.e. pmSamplesHsDchLatency = pmSamplesHsDchLatency +1, whenever pmSumHsDchLatency is to be</p>	ManagedElement_RncFunction.pmSamplesHsDchLatency_0	Sum	erttbh, Sum

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			updated). Reset at each ROP period. Number of samples according to the respective SDU size (in bytes).			
pmSamplesHsDchLatency_1	ACCUMULATION	INTEGER	Number of samples in pmSumHsDchLatency (i.e. pmSamplesHsDchLatency +1, whenever pmSumHsDchLatency is to be updated). Reset at each ROP period. Number of samples according to the respective SDU size (in bytes).	ManagedElement_RncFunction.pmSamplesHsDchLatency_1	Sum	erttbh, Sum
pmSamplesHsDchLatency_2	ACCUMULATION	INTEGER	Number of samples in pmSumHsDchLatency (i.e. pmSamplesHsDchLatency +1, whenever pmSumHsDchLatency is to be updated). Reset at each ROP period. Number of samples according to the respective SDU size (in bytes).	ManagedElement_RncFunction.pmSamplesHsDchLatency_2	Sum	erttbh, Sum

pmSamplesHsDlDelay_0	ACCUMULATION	INTEGER	Number of samples in pmSumHsDlDelay (that is, pmSamplesHsDlDelay = pmSamplesHsDlDelay +1, whenever pmSumHsDlDelay is to be updated). Reset at each ROP period. Number of samples according to the respective SDU size (in bytes).	ManagedElement_RncFunction.pmSamplesHsDlDelay_0	Sum	erttbh, Sum
pmSamplesHsDlDelay_1	ACCUMULATION	INTEGER	Number of samples in pmSumHsDlDelay (that is, pmSamplesHsDlDelay = pmSamplesHsDlDelay +1, whenever pmSumHsDlDelay is to be updated). Reset at each ROP period. Number of samples according to the respective SDU size (in bytes).	ManagedElement_RncFunction.pmSamplesHsDlDelay_1	Sum	erttbh, Sum
pmSamplesHsDlDelay_2	ACCUMULATION	INTEGER	Number of samples in pmSumHsDlDelay (that is, pmSamplesHsDlDelay = pmSamplesHsDlDelay +1, whenever	ManagedElement_RncFunction.pmSamplesHsDlDelay_2	Sum	erttbh, Sum

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			pmSumHsDIDelay is to be updated). Reset at each ROP period. Number of samples according to the respective SDU size (in bytes).		
pmSamplesHsEulDIRcvDelay_0	ACCUMULATION	INTEGER	Number of samples in pmSumHsEulDIRcvDelay (that is, pmSamplesHsEulDIRcvDelay = pmSamplesHsEulDIRcvDelay +1, whenever pmSumHsEulDIRcvDelay is to be updated). Reset at each ROP period. Number of samples according to the respective SDU size (in bytes).	ManagedElement_RncFunction.pmSamplesHsEulDIRcvDelay_0	erttbh, Sum
pmSamplesHsEulDIRcvDelay_1	ACCUMULATION	INTEGER	Number of samples in pmSumHsEulDIRcvDelay (that is, pmSamplesHsEulDIRcvDelay = pmSamplesHsEulDIRcvDelay +1, whenever pmSumHsEulDIRcvDelay is to be updated). Reset at each ROP period. Number of samples according to the respective SDU size (in bytes).	ManagedElement_RncFunction.pmSamplesHsEulDIRcvDelay_1	erttbh, Sum

pmSamplesHsEulDIRcvDelay_2	ACCUMULATION	INTEGER	Number of samples in pmSumHsEulDIRcvDelay (that is, pmSamplesHsEulDIRcvDelay = pmSamplesHsEulDIRcvDelay +1, whenever pmSumHsEulDIRcvDelay is to be updated). Reset at each ROP period. Number of samples according to the respective SDU size (in bytes).	ManagedElement_RncFunction.pmSamplesHsEulDIRcvDelay_2	Sum	erttbh, Sum
pmSamplesHsEulJitter	ACCUMULATION	INTEGER	Number of samples in pmSumHsEulJitter (that is, pmSamplesHsEulJitter = pmSamplesHsEulJitter +1, whenever pmSumHsEulJitter is to be updated).	ManagedElement_RncFunction.pmSamplesHsEulJitter	Sum	erttbh, Sum
pmSamplesHsEulLatency_0	ACCUMULATION	INTEGER	Number of samples in pmSumHsEulLatency (that is, pmSamplesHsEulLatency = pmSamplesHsEulLatency +1, whenever pmSumHsEulLatency is to be updated). Reset at	ManagedElement_RncFunction.pmSamplesHsEulLatency_0	Sum	erttbh, Sum

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			each ROP period. Number of samples according to the respective SDU size (in bytes)			
pmSamplesHsEulLatency_1	ACCUMULATION	INTEGER	Number of samples in pmSumHsEulLatency (that is, pmSamplesHsEulLatency = pmSamplesHsEulLatency +1, whenever pmSumHsEulLatency is to be updated). Reset at each ROP period. Number of samples according to the respective SDU size (in bytes)	ManagedElement_RncFunction.pmSamplesHsEulLatency_1	Sum	erttbh, Sum
pmSamplesHsEulLatency_2	ACCUMULATION	INTEGER	Number of samples in pmSumHsEulLatency (that is, pmSamplesHsEulLatency = pmSamplesHsEulLatency +1, whenever pmSumHsEulLatency is to be updated). Reset at each ROP period. Number of samples according to the respective SDU size (in bytes)	ManagedElement_RncFunction.pmSamplesHsEulLatency_2	Sum	erttbh, Sum
pmSumDchDchDIrcvDelay_0	ACCUMULATION	INTEGER	Aggregate of RAN SDU receive delay	ManagedElement_RncFunction.pmSumDchDchDI	Sum	erttbh, Sum

		R	for PS Interactive R99 DCH on downlink, R99 DCH on uplink. Aggregation according to the following SDU size (in bytes).	RcvDelay_0		
pmSumDchDchDlRcvDelay_1	ACCUMULATION	INTEGER	Aggregate of RAN SDU receive delay for PS Interactive R99 DCH on downlink, R99 DCH on uplink. Aggregation according to the following SDU size (in bytes).	ManagedElement_RncFunction.pmSumDchDchDlRcvDelay_1	Sum	erttbh, Sum
pmSumDchDchDlRcvDelay_2	ACCUMULATION	INTEGER	Aggregate of RAN SDU receive delay for PS Interactive R99 DCH on downlink, R99 DCH on uplink. Aggregation according to the following SDU size (in bytes).	ManagedElement_RncFunction.pmSumDchDchDlRcvDelay_2	Sum	erttbh, Sum
pmSumDchDchJitter	ACCUMULATION	INTEGER	Aggregate of the RAN SDU Jitter for PS Interactive R99 DCH on DL, R99 DCH on UL.	ManagedElement_RncFunction.pmSumDchDchJitter	Sum	erttbh, Sum
pmSumDchDchLatency_0	ACCUMULATION	INTEGER	Aggregate of RAN SDU Latency for R99 PS Interactive DCH on downlink, R99 PS	ManagedElement_RncFunction.pmSumDchDchLatency_0	Sum	erttbh, Sum

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			Interactive DCH on uplink. Aggregation according to the following SDU size (in bytes).			
pmSumDchDchLatency_1	ACCUMULATION	INTEGER	Aggregate of RAN SDU Latency for R99 PS Interactive DCH on downlink, R99 PS Interactive DCH on uplink. Aggregation according to the following SDU size (in bytes).	ManagedElement_RncFunction.pmSumDchDchLatency_1	Sum	erttbh, Sum
pmSumDchDchLatency_2	ACCUMULATION	INTEGER	Aggregate of RAN SDU Latency for R99 PS Interactive DCH on downlink, R99 PS Interactive DCH on uplink. Aggregation according to the following SDU size (in bytes).	ManagedElement_RncFunction.pmSumDchDchLatency_2	Sum	erttbh, Sum
pmSumDchDIDelay_0	ACCUMULATION	INTEGER	Aggregate of RAN SDU Latency for R99 PS Interactive DCH on downlink, R99 PS Interactive DCH on uplink. Aggregation according to the following SDU size (in bytes).	ManagedElement_RncFunction.pmSumDchDIDelay_0	Sum	erttbh, Sum
pmSumDchDIDelay_1	ACCUMULATION	INTEGER	Aggregate of RAN SDU Latency for R99 PS Interactive DCH on	ManagedElement_RncFunction.pmSumDchDIDelay_1	Sum	erttbh, Sum

			downlink, R99 PS Interactive DCH on uplink. Aggregation according to the following SDU size (in bytes).			
pmSumDchDIDelay_2	ACCUMULATION	INTEGER	Aggregate of RAN SDU Latency for R99 PS Interactive DCH on downlink, R99 PS Interactive DCH on uplink. Aggregation according to the following SDU size (in bytes).	ManagedElement_RncFunction.pmSumDchDIDelay_2	Sum	erttbh, Sum
pmSumHsDchDIRcvDelay_0	ACCUMULATION	INTEGER	Aggregate of RAN SDU receive delay for PS Interactive HS-DSCH on downlink, R99 DCH on uplink. Aggregation according to the following SDU size (in bytes)	ManagedElement_RncFunction.pmSumHsDchDIRcvDelay_0	Sum	erttbh, Sum
pmSumHsDchDIRcvDelay_1	ACCUMULATION	INTEGER	Aggregate of RAN SDU receive delay for PS Interactive HS-DSCH on downlink, R99 DCH on uplink. Aggregation according to the following SDU size (in bytes)	ManagedElement_RncFunction.pmSumHsDchDIRcvDelay_1	Sum	erttbh, Sum

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pmSumHsDchDirRcvDelay_2	ACCUMULATION	INTEGER	Aggregate of RAN SDU receive delay for PS Interactive HS-DSCH on downlink, R99 DCH on uplink. Aggregation according to the following SDU size (in bytes)	ManagedElement_RncFunction.pmSumHsDchDirRcvDelay_2	Sum	erttbh, Sum
pmSumHsDchJitter	ACCUMULATION	INTEGER	Aggregate of the RAN SDU jitter for PS Interactive HS-DSCH on downlink, R99 DCH on uplink.	ManagedElement_RncFunction.pmSumHsDchJitter	Sum	erttbh, Sum
pmSumHsDchLatency_0	ACCUMULATION	INTEGER	Aggregate of RAN SDU Latency for PS Interactive HS-DSCH on downlink, R99 DCH on uplink. Aggregation according to the following SDU size (in bytes)	ManagedElement_RncFunction.pmSumHsDchLatency_0	Sum	erttbh, Sum
pmSumHsDchLatency_1	ACCUMULATION	INTEGER	Aggregate of RAN SDU Latency for PS Interactive HS-DSCH on downlink, R99 DCH on uplink. Aggregation according to the following SDU size (in bytes)	ManagedElement_RncFunction.pmSumHsDchLatency_1	Sum	erttbh, Sum
pmSumHsDchLatency_2	ACCUMULATION	INTEGER	Aggregate of RAN SDU Latency for PS Interactive HS-DSCH on downlink, R99 DCH on uplink. Aggregation	ManagedElement_RncFunction.pmSumHsDchLatency_2	Sum	erttbh, Sum

			according to the following SDU size (in bytes)			
pmSumHsDIDelay_0	ACCUMULATION	INTEGER	Aggregate of RAN SDU delay for HS-DSCH on downlink. Aggregation according to the following SDU size (in bytes)	ManagedElement_RncFunction.pmSumHsDIDelay_0	Sum	erttbh, Sum
pmSumHsDIDelay_1	ACCUMULATION	INTEGER	Aggregate of RAN SDU delay for HS-DSCH on downlink. Aggregation according to the following SDU size (in bytes)	ManagedElement_RncFunction.pmSumHsDIDelay_1	Sum	erttbh, Sum
pmSumHsDIDelay_2	ACCUMULATION	INTEGER	Aggregate of RAN SDU delay for HS-DSCH on downlink. Aggregation according to the following SDU size (in bytes)	ManagedElement_RncFunction.pmSumHsDIDelay_2	Sum	erttbh, Sum
pmSumHsEulDircvDelay_0	ACCUMULATION	INTEGER	Aggregate of RAN SDU receive delay for PS Interactive HS-DSCH on downlink, EUL on uplink. Aggregation according to the following SDU size (in bytes)	ManagedElement_RncFunction.pmSumHsEulDircvDelay_0	Sum	erttbh, Sum
pmSumHsEulDir	ACCUMULATION	INT	Aggregate of RAN	ManagedElement_RncFu	Sum	erttbh,

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cvDelay_1	LATION	EGE R	SDU receive delay for PS Interactive HS-DSCH on downlink, EUL on uplink. Aggregation according to the following SDU size (in bytes)	nction.pmSumHsEulDIRcvDelay_1		Sum
pmSumHsEulDIRcvDelay_2	ACCUMULATION	INTEGE R	Aggregate of RAN SDU receive delay for PS Interactive HS-DSCH on downlink, EUL on uplink. Aggregation according to the following SDU size (in bytes)	ManagedElement_RncFunction.pmSumHsEulDIRcvDelay_2	Sum	erttbh, Sum
pmSumHsEulJitter	ACCUMULATION	INTEGE R	Aggregate of the RAN SDU Jitter for PS Interactive HS-DSCH on DL, EUL on UL.	ManagedElement_RncFunction.pmSumHsEulJitter	Sum	erttbh, Sum
pmSumHsEulLatency_0	ACCUMULATION	INTEGE R	Aggregate of RAN SDU Latency for PS Interactive HS-DSCH on downlink, EUL on uplink. Aggregation according to the following SDU size (in bytes)	ManagedElement_RncFunction.pmSumHsEulLatency_0	Sum	erttbh, Sum
pmSumHsEulLatency_1	ACCUMULATION	INTEGE R	Aggregate of RAN SDU Latency for PS Interactive HS-DSCH on downlink, EUL on uplink. Aggregation according to the following SDU	ManagedElement_RncFunction.pmSumHsEulLatency_1	Sum	erttbh, Sum

			size (in bytes)			
pmSumHsEulLatency_2	ACCUMULATION	INTEGER	Aggregate of RAN SDU Latency for PS Interactive HS-DSCH on downlink, EUL on uplink. Aggregation according to the following SDU size (in bytes)	ManagedElement_RncFunction.pmSumHsEulLatency_2	Sum	erttbh, Sum

7.71.22RNC.Ericsson.UMTS.Security_Handling

RRC message integrity statistics.

KPI	Type	Data Type	Description	Derivation	Default Aggregator	Other Aggregators
pmIntegrityFailureRrcMsg	ACCUMULATION	INT8	Number of UL RRC messages discarded due to integrity failure.	ManagedElement_RncFunction_SecurityHandling.pmIntegrityFailureRrcMsg	Sum	erttbh, Sum

7.71.23RNC.Ericsson.UMTS.traffic_volume

UTRAN traffic volume.

KPI	Type	Data Type	Description	Derivation	Default Aggregator	Other Aggregators
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$\bar{\%_soft_handover_overhead}$	PERCENT AGE	FLO AT	(Report) Ratio of downlink code channel utilization for speech and the average number speech users served per RNC.	$100 * \frac{\{Ericsson.traffic_volume.Ave_DL_code_speech\}}{\{Ericsson.traffic_volume.Ave_speech_users\}}$	Averag e	Averag e, erttbh
Ave_CS64_DL_cod e	INTENSIT Y	FLO AT	(Report) Average number of downlink codes occupied for CS 64 traffic per RNC.	if(ManagedElement_RncFunction.pmSamplesCs64RabEstablish =0) then 0 else(pmSumCs64RabEstablish / pmSamplesCs64RabEstablish)	Averag e	Averag e, erttbh, Maxim um, Minimu m, Sum
Ave_DL_code_spee ch	INTENSIT Y	FLO AT	(Report) Average number of downlink code is occupied for speech traffic per RNC.	if(ManagedElement_RncFunction.pmSamplesCs12RabEstablish =0) then 0 else(pmSumCs12RabEstablish / pmSamplesCs12RabEstablish)	Averag e	Averag e, erttbh, Maxim um, Minimu m, Sum
Ave_PS_interactive _DL_calls_DCH	INTENSIT Y	FLO AT	(Report) Average number of PS interactiv e calls per RNC.	if(ManagedElement_RncFunction_UeRc_TV.pmSamplesRabEstablish =0) then 0 else(pmSumRabEstablish / pmSamplesRabEstablish)	Averag e	Averag e, erttbh, Maxim um, Minimu m, Sum

Ave_PS_interactive_DL_calls_FACH	INTENSITY	FLOAT	(Report) Average number of PS interactive calls per RNC.	if(ManagedElement_RncFunction_UeRc_4.pmSamplesRabEstablish=0) then 0 else(pmSumRabEstablish / pmSamplesRabEstablish)	Average	Average, erttbh, Maximum, Minimum, Sum
Ave_speech_users	INTENSITY	FLOAT	(Report) Average number of speech users per RNC.	if(ManagedElement_RncFunction.pmSamplesBestCs12Establish=0) then 0 else(pmSumBestCs12Establish / pmSamplesBestCs12Establish)	Average	Average, erttbh, Maximum, Minimum, Sum
pmdlchtrafficvolumebefore-split	ACCUMULATION	INT8	Payload traffic DL in Kb on dedicated channels (DCHs) (measured before diversity splitting). Retransmissions are also counted as part of the traffic volume.	ManagedElement_RncFunction_UeRc_ACCUM.pmDIDchTrafficVolumeBeforeSplit	Sum	erttbh, Sum
pmdlfachtrafficvolume	ACCUMULATION	INT8	Payload traffic DL in Kb on common channels (FACH). Retransmissions	ManagedElement_RncFunction_UeRc_ACCUM.pmDIFachTrafficVolume	Sum	erttbh, Sum

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			are also counted as part of the traffic volume.			
pmSumTransmitted Bits	ACCUMULATION	INT 8	-Obsolete in P6-Aggregated to RNC, the number of transmitted bits at MAC-hs, level including retransmissions from CDMA_Channel.	ManagedElement_RncFunction_UeRc_ACCUM.pmSumTransmittedBits	Sum	erttbh, Sum
pmuldchtrafficvolumeaftercomb	ACCUMULATION	INT 8	Payload traffic UL in Kb on DCHs (measured after diversity combination). Retransmissions are also counted as part of the traffic volume.	ManagedElement_RncFunction_UeRc_ACCUM.pmUIDchTrafficVolumeAfterComb	Sum	erttbh, Sum
pmulrachtrafficvolume	ACCUMULATION	INT 8	Payload traffic UL in Kb on common channels (RACH).	ManagedElement_RncFunction_UeRc_ACCUM.pmUIRachTrafficVolume	Sum	erttbh, Sum

			Retransmissions are also counted as part of the traffic volume.			
PS_interactive_DL_payload_DCH	INTENSIFY	FLOAT	(Report) The downlink payload in kbits carried on DCH before splitting for PS Interactive per RNC.	ManagedElement_RncFunction_UeRc_TV.pmDIDchTrafficVolumeBeforeSplit	Average	Average, erttbh, Maximum, Minimum, Sum
PS_interactive_DL_payload_FACH	INTENSIFY	FLOAT	(Report) The downlink payload in kbits carried on FACH for PS Interactive per RNC.	ManagedElement_RncFunction_UeRc_4.pmDIFachTrafficVolume	Average	Average, erttbh, Maximum, Minimum, Sum
PS_interactive_UL_payload_DCH	INTENSIFY	FLOAT	(Report) The uplink payload in kbits carried on RACH for PS	ManagedElement_RncFunction_UeRc_TV.pmUIDchTrafficVolumeAfterComb	Average	Average, erttbh, Maximum, Minimum, Sum

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			Interactive per RNC.			
PS_interactive_UL_payload_RACH	INTENSITY	FLOAT	(Report) The uplink payload in kbits carried on RACH for PS Interactive per RNC.	ManagedElement_RncFunction_UeRc_4.pmUIRachTrafficVolume	Average	Average, erttbh, Maximum, Minimum, Sum
Tot_pmSumTransmittedBitsSpi	ACCUMULATION	INT8	Aggregated at RNC measurements to observe the total amount of data sent on MAC-hs level per scheduling priority class 00-15.	ManagedElement_RncFunction_UeRc_ACCUM.Tot_pmSumTransmittedBitsSpi	Sum	erttbh, Sum
total_dch_traffic	ACCUMULATION	INT8	Total Dch traffic.	{pmdlchtrafficvolumebefore-split} + {pmdlchtrafficvolumeaftercomb}	Sum	erttbh, Sum
total_dl_traffic	ACCUMULATION	INT8	Total DL traffic.	{pmdlchtrafficvolumebefore-split} + {pmdlFachtrafficvolume}	Sum	erttbh, Sum
total_traffic	ACCUMULATION	INT8	Total RNC Dch, Fach and Rach traffic	ManagedElement_RncFunction_UeRc_ACCUM.pmDIDchTrafficVolumeBeforeSplit + pmDIFachTrafficVolume + pmUIDchTrafficVolumeAfter	Sum	erttbh, Sum

			volume.	rComb + pmUIRachTrafficVolume + Tot_pmSumTransmittedBits Spi		
total_ul_traffic	ACCUMULATION	INT 8	Total UL traffic.	{pmulchtrafficvolumeaftercomb} + {pmulrachtrafficvolume}	Sum	erttbh, Sum

7.72 RNC_RAB Performance Indicators

This section shows the key performance indicators and other counters for the RNC_RAB object, divided into the following sub-sections:

- [RNC_RAB.Ericsson.UMTS.channel_quality](#)
- [RNC_RAB.Ericsson.UMTS.establishments_and_release](#)
- [RNC_RAB.Ericsson.UMTS.frame_synchronization](#)
- [RNC_RAB.Ericsson.UMTS.traffic_volume](#)

7.72.1 RNC_RAB.Ericsson.UMTS.channel_quality

UTRAN radio channel quality.

KPI	Type	Data Type	Description	Derivation	Default Aggregator	Other Aggregators
%_Block_Error_Rate_UL_CS_Data	PERCENTAGE	FLOAT	Percentage of Speech Transport Blocks uplink after combining.	100 * {pmFaultyTransportBlocksAcUICS64}/ {pmTransportBlocksAcUICS64}	Average	Average, erttbh
%_Block_Error_Rate_UL_PS_Data	PERCENTAGE	FLOAT	Percentage of Faulty	100 * {pmFaultyTransportBlocksAcUIPacket}/	Average	Average, erttbh

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			Packet Transport Blocks uplink after combining.	{pmTransportBlocksAcUIPacket}		
%_Block_Error_Rate_UL_Speech	PERCENTAGE	FLOAT	Percentage of Faulty Speech Transport Blocks uplink after combining.	100 * {pmFaultyTransportBlocksAcUISpeech} / {pmTransportBlocksAcUISpeech}	Average	Average, erttbh
pmFaultyTransportBlocksAcUICS64	ACCUMULATION	INT8	Number of Faulty CS64 Transport Blocks uplink after combining.	ManagedElement_RncFunction_UeRc.pmFaultyTransportBlocksAcUICS64	Sum	erttbh, Sum
pmfaultytransportblocksacul	ACCUMULATION	INT8	Number of invalid transport blocks.	ManagedElement_RncFunction_UeRc.pmFaultyTransportBlocksAcUI	Sum	erttbh, Sum
pmFaultyTransportBlocksAcUIPacket	ACCUMULATION	INT8	Number of Faulty Packet Transport Blocks	ManagedElement_RncFunction_UeRc.pmFaultyTransportBlocksAcUIPacket	Sum	erttbh, Sum

			uplink after combining.			
pmFaultyTransportBlocksAcUISpeech	ACCUMULATION	INT8	Number of Faulty Speech Transport Blocks uplink after combining.	ManagedElement_RncFunction_UeRc.pmFaultyTransportBlocksAcUISpeech	Sum	erttbh, Sum
pmTransportBlocksAcUICS64	ACCUMULATION	INT8	Number of CS64 Transport Blocks uplink after combining.	ManagedElement_RncFunction_UeRc.pmTransportBlocksAcUICS64	Sum	erttbh, Sum
pmtransportblocksacul	ACCUMULATION	INT8	Number of transport blocks.	ManagedElement_RncFunction_UeRc.pmTransportBlocksAcUI	Sum	erttbh, Sum
pmTransportBlocksAcUIPacket	ACCUMULATION	INT8	Number of Packet Transport Blocks uplink after	ManagedElement_RncFunction_UeRc.pmTransportBlocksAcUIPacket	Sum	erttbh, Sum

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			combin ing.			
pmTransportBlocksAcU lSpeech	ACCUMUL ATION	INT 8	Numbe r of Faulty Speech Transp ort Blocks uplink after combin ing.	ManagedElement_RncFunct ion_UeRc.pmTransportBloc ksAcUISpeech	Sum	erttbh, Sum

7.72.2 RNC_RAB.Ericsson.UMTS.establishments_and_release

RNC_RAB establishment and release statistics.

KPI	Type	Data Type	Description	Derivation	Default Aggregator	Other Aggregators
cmavgrabestablish	PERCENTAGE	FLO AT	Average of all sample values recorded for number of RABs established.	$100 * \frac{\{\text{pmsumrabestablish}\}}{\{\text{pmsamplesrabestablish}\}}$	Average	Average, erttbh
cmnorabestablishfailure	ACCUMULATION	INT8	Number of RAB establishment failures.	$\{\text{pmnorabestablishattempts}\} - \{\text{pmnorabestablishsuccess}\}$	Sum	erttbh, Sum
pmnorabestablishattempts	ACCUMULATION	INT8	Number of RAB establishment attempts.	ManagedElement_RncFunction_UeRc.pmNoRabEstablishAttempts	Sum	erttbh, Sum
pmnorabestablishsuccess	ACCUMULATION	INT8	Number of successful RAB	ManagedElement_RncFunction_UeRc.pmNoRabEstablishSuccess	Sum	erttbh, Sum

			establishments.			
pmnorabreleaseattempts	ACCUMULATION	INT8	Number of RB release attempts due to Iu release from CN (when there is a connection to the other CN as well) or RAB Assignment Request with RABs to release.	ManagedElement_RncFunction_UErc.pmNoRabReleaseAttempts	Sum	erttbh, Sum
pmnorabreleasesuccess	ACCUMULATION	INT8	Number of successful RB releases due to Iu release from CN (when there is a connection to the other CN as well) or RAB Assignment Request with RABs to release.	ManagedElement_RncFunction_UErc.pmNoRabReleaseSuccess	Sum	erttbh, Sum
pmsamplesrabestablish	ACCUMULATION	INT8	Number of samples	ManagedElement_RncFunction_UErc.pmSample	Sum	erttbh, Sum

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			recorded within the ROP period for number of RABs established	esRabEstablish		
pmsumrabestablish	ACCUMULATION	INT8	Sum of all sample values recorded for number of RABs established	ManagedElement_RncFunction_UeRc.pmSumRabEstablish	Sum	erttbh, Sum

7.72.3 RNC_RAB.Ericsson.UMTS.frame_synchronization

Data frame synchronization statistics.

KPI	Type	Data Type	Description	Derivation	Default Aggregator	Other Aggregators
pmnodchdltimingadjcontrframes	ACCUMULATION	INT8	Number of DCH DL timing adjustment control frames.	ManagedElement_RncFunction_UeRc.pmnodchdltimingadjcontrframes	Sum	erttbh, Sum
pmnodchuldataframesoutsidewindow	ACCUMULATION	INT8	Number of DCH UL timing adjustment control frames.	ManagedElement_RncFunction_UeRc.pmnodchuldataframesoutsidewindow	Sum	erttbh, Sum

pmnodldchdiscardeddataframese	ACCUMULATION	INT8	Number of DCH DL discarded data frames (E).	ManagedElement_RncFunction_UeRc.pmnodldchdiscardeddataframese	Sum	erttbh, Sum
pmnodldchdiscardeddataframesl	ACCUMULATION	INT8	Number of DCH DL discarded data frames (L).	ManagedElement_RncFunction_UeRc.pmnodldchdiscardeddataframesl	Sum	erttbh, Sum

7.72.4 RNC_RAB.Ericsson.UMTS.traffic_volume

UTRAN traffic volume.

KPI	Type	Data Type	Description	Derivation	Default Aggregator	Other Aggregators
DCH_Payload_Data	ACCUMULATION	INT8	Total DCH payload data.	{pmulrachtrafficvolume} + {pmuldchtrafficvolumeaftercomb} + {pmdlfachtrafficvolume} + {pmdldchtrafficvolumebeforesplit}	Sum	erttbh, Sum
pmldchtrafficvolumebeforesplit	ACCUMULATION	INT8	DL traffic volume on DCH before Split.	ManagedElement_RncFunction_UeRc.pmdIDchTrafficVolumeBeforeSplit	Sum	erttbh, Sum

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pmDfFachTrafficVolume	ACCUMULATION	INT8	DL traffic volume on FACH.	ManagedElement_RncFunction_UeRc.pmDfFachTrafficVolume	Sum	erttbh, Sum
pmULdchTrafficVolumeAfterComb	ACCUMULATION	INT8	UL traffic volume on DCH before Comb.	ManagedElement_RncFunction_UeRc.pmUIDchTrafficVolumeAfterComb	Sum	erttbh, Sum
pmULRachTrafficVolume	ACCUMULATION	INT8	UL traffic volume on RACH.	ManagedElement_RncFunction_UeRc.pmUIRachTrafficVolume	Sum	erttbh, Sum

7.73 RncCapacity Performance Indicators

This section shows the key performance indicators and other counters for the RncCapacity object, divided into the following sub-sections:

- [RncCapacity.Ericsson.UMTS.PDF_pmCapacityUtilization](#)
- [RncCapacity.Ericsson.UMTS.RncCapacity_statistics](#)

7.73.1 RncCapacity.Ericsson.UMTS.PDF_pmCapacityUtilization

pmCapacityUtilization PDF counters

KPI	Type	Data Type	Description	Derivation	Default Aggregator	Other Aggregators
pmCapacityUtilization_0	ACCUMULATION	INTEGER	Distribution of the resource utilization for this capacity license, as a percentage of currentCapacityLimit (shown by the counter	ManagedElement_RncCapacity.pmCapacityUtilization_0	Sum	

			pmCapacityLimit).			
pmCapacityUtilization_1	ACCUMULATION	INTEGER	Distribution of the resource utilization for this capacity license, as a percentage of currentCapacityLimit (shown by the counter pmCapacityLimit).	ManagedElement_RncCapacity.pmCapacityUtilization_1	Sum	
pmCapacityUtilization_2	ACCUMULATION	INTEGER	Distribution of the resource utilization for this capacity license, as a percentage of currentCapacityLimit (shown by the counter pmCapacityLimit).	ManagedElement_RncCapacity.pmCapacityUtilization_2	Sum	
pmCapacityUtilization_3	ACCUMULATION	INTEGER	Distribution of the resource utilization for this capacity license, as a percentage of currentCapacityLimit (shown by the counter	ManagedElement_RncCapacity.pmCapacityUtilization_3	Sum	

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			pmCapacityLimit).			
pmCapacityUtilization_4	ACCUMULATION	INTEGER	Distribution of the resource utilization for this capacity license, as a percentage of currentCapacityLimit (shown by the counter pmCapacityLimit).	ManagedElement_RncCapacity.pmCapacityUtilization_4	Sum	
pmCapacityUtilization_5	ACCUMULATION	INTEGER	Distribution of the resource utilization for this capacity license, as a percentage of currentCapacityLimit (shown by the counter pmCapacityLimit).	ManagedElement_RncCapacity.pmCapacityUtilization_5	Sum	
pmCapacityUtilization_6	ACCUMULATION	INTEGER	Distribution of the resource utilization for this capacity license, as a percentage of currentCapacityLimit (shown by the counter pmCapacityLimit).	ManagedElement_RncCapacity.pmCapacityUtilization_6	Sum	
pmCapacityUtilization_7	ACCUMULATION	INTEGER	Distribution of the	ManagedElement_RncCapacity.pmCapacityUtili	Sum	

			resource utilization for this capacity license, as a percentage of currentCapacityLimit (shown by the counter pmCapacityLimit).	zation_7		
pmCapacityUtilization_8	ACCUMULATION	INTEGER	Distribution of the resource utilization for this capacity license, as a percentage of currentCapacityLimit (shown by the counter pmCapacityLimit).	ManagedElement_RncCapacity.pmCapacityUtilization_8	Sum	
pmCapacityUtilization_9	ACCUMULATION	INTEGER	Distribution of the resource utilization for this capacity license, as a percentage of currentCapacityLimit (shown by the counter pmCapacityLimit).	ManagedElement_RncCapacity.pmCapacityUtilization_9	Sum	

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7.73.2 RncCapacity.Ericsson.UMTS.RncCapacity_statistics

RncCapacity data.

KPI	Type	Data Type	Description	Derivation	Default Aggregator	Other Aggregators
Avg_Capacity	INTENSITY	FLOAT	Average capacity	$100 * (\{pmSumCapacity\} / \{pmSamplesCapacity\})$	Average	erttbh, Sum, Minimum, Maximum
Avg_CapacityRegulation	INTENSITY	FLOAT	Average capacity regulation	$100 * (\{pmSumCapacityRegulation\} / \{pmSamplesCapacityRegulation\})$	Average	erttbh, Sum, Minimum, Maximum
pmCapacityAllocAtt	ACCUMULATION	INTEGER	Number of attempts made during the ROP to allocate the resource regulated by this capacity license.	ManagedElement_RncCapacity.pmCapacityAllocAtt	Sum	erttbh
pmCapacityAllocRej	ACCUMULATION	INTEGER	Number of rejected attempts made during the ROP to allocate the resource regulated by this capacity license.	ManagedElement_RncCapacity.pmCapacityAllocRej	Sum	erttbh
pmCapacityLimit	INTENSITY	INTEGER	Value of the attribute currentCapacityLimit at the end of the ROP. This value is used as the	ManagedElement_RncCapacity.pmCapacityLimit	Average	erttbh, Sum, Minimum, Maximum

			100% limit for the counter pmCapacityUtilization.			
pmSamplesCapacity	ACCUMULATION	INTEGER	Number of samples recorded within the ROP for pmSumCapacity.	ManagedElement_RncCapacity.pmSamplesCapacity	Sum	erttbh
pmSamplesCapacityRegulation	ACCUMULATION	INTEGER	Number of samples recorded within the ROP for pmSumCapacityRegulation.	ManagedElement_RncCapacity.pmSamplesCapacityRegulation	Sum	erttbh
pmSumCapacityRegulation	ACCUMULATION	INTEGER	Sum of all sample values recorded during a ROP for the current capacity utilization, when the capacity is being regulated.	ManagedElement_RncCapacity.pmSumCapacityRegulation	Sum	erttbh
pmSumCapacity	ACCUMULATION	INTEGER	Sum of all sample values recorded during a ROP for the current capacity utilization.	ManagedElement_RncCapacity.pmSumCapacity	Sum	erttbh
pmSumSqrCapacity	ACCUMULATION	INTEGER	Sum of the squares of the individual measurements in pmSumCapacity	ManagedElement_RncCapacity.pmSumSqrCapacity	Sum	erttbh

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pmTotalTimeCapacityRegulated	ACCUMULATION	INTEGER	Time during which the capacity utilization has been regulated according to the current capacity limit.	ManagedElement_RncCapacity.pmTotalTimeCapacityRegulated	Sum	erttbh
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7.74 Routing_Area Performance Indicators

This section shows the key performance indicators and other counters for the Routing_Area object, divided into the following sub-sections:

- [Routing_Area.Ericsson.UMTS.paging_counters](#)

7.74.1 Routing_Area.Ericsson.UMTS.paging_counters

UTRAN paging statistics at Routing Area.

KPI	Type	Data Type	Description	Derivation	Default Aggregator	Other Aggregators
pmcninitpagingtoIdleuera	ACCUMULATION	INT8	Number of CN-initiated pages sent to idle mode UEs (with CN identity specified in the RRC Paging type 1 message) in specified Routing	ME_RncFunction_LocationArea_RoutingArea.pmCnInitPagingToIdleUeRa	Sum	Average, Maximum, Minimum, Sum

			Area (RA) (packet switched pages).		
--	--	--	------------------------------------	--	--

7.75 SasPositioning Performance Indicators

This section shows the key performance indicators and other counters for the SasPositioning object, divided into the following sub-sections:

- [SasPositioning.Ericsson.UMTS.Sas_centric_positioning](#)

7.75.1 SasPositioning.Ericsson.UMTS.Sas_centric_positioning

Sas centric positioning measurements.

KPI	Type	Data Type	Description	Derivation	Default Aggregator	Other Aggregators
pmEsIupcCellIdFailQosNok	ACCUMULATION	INTEGER	Number of failed positioning attempts for emergency services, using the SAScentric Cell ID position	ME_RncFunction_SasPositioning.pmEsIupcCellIdFailQosNok	Sum	erttbh

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			ning method, which did not meet the requested QoS level.		
pmEsIupcCellIdFailQosOk	ACCUMULATION	INTEGER	Number of failed positioning attempts for emergency services, using the SAScentric Cell ID positioning method, which met the requested QoS level.	ME_RncFunction_SasPositioning.pmEsIupcCellIdFailQosOk	Sum erttbh
pmEsIupcCellIdSuccQosNok	ACCUMULATION	INTEGER	Number of successful positioning	ME_RncFunction_SasPositioning.pmEsIupcCellIdSuccQosNok	Sum erttbh

			attempts for emergency services, using the SAS-centric Cell ID positioning method, which did not meet the requested QoS level.			
pmEsIupcCellIdSuccQosOk	ACCUMULATION	INTEGER	Number of successful positioning attempts for emergency services, using the SAS-centric	ME_RncFunction_SasPositioning.pmEsIupcCellIdSuccQosOk	Sum	erttbh

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			Cell ID positioning method, which met the requested QoS level.			
pmEsIupcRttFailQosNok	ACCUMULATION	INTEGER	Number of failed positioning attempts for emergency services, using the SAScentric RTT positioning method, which did not meet the requested QoS level.	ME_RncFunction_SasPositioning.pmEsIupcRttFailQosNok	Sum	erttbh
pmEsIupcRttFailQosOk	ACCUMULATION	INTEGER	Number of failed positio	ME_RncFunction_SasPositioning.pmEsIupcRttFailQosOk	Sum	erttbh

			ning attempts for emergency services, using the SAS-centric RTT positioning method, which met the requested QoS level.			
pmEsIupcRttSuccQosNok	ACCUMULATION	INTEGER	Number of successful positioning attempts for emergency services, using the SAS-centric RTT	ME_RncFunction_SasPositioning.pmEsIupcRttSuccQosNok	Sum	erttbh

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			positioning method, which did not meet the requested QoS level.			
pmEsIupcRttSuccQosOk	ACCUMULATION	INTEGER	Number of successful positioning attempts for emergency services, using the SAS-centric RTT positioning method, which met the requested QoS level.	ME_RncFunction_SasPositioning.pmEsIupcRttSuccQosOk	Sum	erttbh
pmEsIupcUeaAgpsFailQosNok	ACCUMULATION	INTEGER	Number of failed positioning	ME_RncFunction_SasPositioning.pmEsIupcUeaAgpsFailQosNok	Sum	erttbh

			attempts for emergency services, using the SAScentric UE-assisted A-GPS positioning method, which did not meet the requested QoS level.			
pmEsIupcUeaAgpsFailQosOk	ACCUMULATION	INTEGER	Number of failed positioning attempts for emergency services, using the SAScentric	ME_RncFunction_SasPositioning.pmEsIupcUeaAgpsFailQosOk	Sum	erttbh

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			entric UE-assisted A-GPS positioning method, which met the requested QoS level.			
pmEsIupcUeaAgpsSuccQosNok	ACCUMULATION	INTEGER	Number of successful positioning attempts for emergency services, using the SAS-centric UE-assisted A-GPS positioning method, which did not meet the request	ME_RncFunction_SasPositioning.pmEsIupcUeaAgpsSuccQosNok	Sum	erttbh

			ed QoS level.			
pmEsIupcUeaAgpsSuccQosOk	ACCUMULATION	INTEGER	Number of successful positioning attempts for emergency services, using the SAS-centric UE-assisted A-GPS positioning method, which met the requested QoS level.	ME_RncFunction_SasPositioning.pmEsIupcUeaAgpsSuccQosOk	Sum	erttbh
pmEsIupcUebAgpsFailQosNok	ACCUMULATION	INTEGER	Number of failed positioning attempts	ME_RncFunction_SasPositioning.pmEsIupcUebAgpsFailQosNok	Sum	erttbh

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			ts for emergency services, using the SAScentric UE-based A-GPS positioning method, which did not meet the requested QoS level.			
pmEsIupcUebAgpsFailQosOk	ACCUMULATION	INTEGER	Number of failed positioning attempts for emergency services, using the SAScentric UE-based A-GPS positioning method	ME_RncFunction_SasPositioning.pmEsIupcUebAgpsFailQosOk	Sum	erttbh

			d, which met the request ed QoS level.			
pmEsIupcUebAgpsSuccQosNok	ACCUMULATION	INTEGER	Number of successful positioning attempts for emergency services, using the SAS-centric UE-based A-GPS positioning method, which did not meet the requested QoS level.	ME_RncFunction_SasPositioning.pmEsIupcUebAgpsSuccQosNok	Sum	erttbh
pmEsIupcUebAgpsS	ACCUMUL	INTE	Numbe	ME_RncFunction_SasPosition	Sum	erttbh

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uccQosOk	ATION	GER	r of successful positioning attempts for emergency services, using the SAS-centric UE-based A-GPS positioning method, which met the requested QoS level.	ing.pmEsIupcUebAgpsSuccQosOk		
pmLcsIupcCellIdFailQosNok	ACCUMULATION	INTEGER	Number of failed positioning attempts for location commercial services, using the SAS-	ME_RncFunction_SasPositioning.pmLcsIupcCellIdFailQosNok	Sum	erttbh

			centric Cell ID positioning method, which did not meet the requested QoS level.			
pmLcsIupcCellIdFailQosOk	ACCUMULATION	INTEGER	Number of failed positioning attempts for location commercial services, using the SAS-centric Cell ID positioning method, which met	ME_RncFunction_SasPositioning.pmLcsIupcCellIdFailQosOk	Sum	erttbh

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			the requested QoS level.			
pmLcsIupcCellIdSuccQoSNot	ACCUMULATION	INTEGER	Number of successful positioning attempts for location commercial services, using the SAS-centric Cell ID positioning method, which did not meet the requested QoS level.	ME_RncFunction_SasPositioning.pmLcsIupcCellIdSuccQoSNot	Sum	erttbh
pmLcsIupcCellIdSuccQoSOk	ACCUMULATION	INTEGER	Number of successful positioning attempts for	ME_RncFunction_SasPositioning.pmLcsIupcCellIdSuccQoSOk	Sum	erttbh

			location commercial services, using the SAS-centric Cell ID positioning method, which met the requested QoS level.			
pmLcsIupcRttFailQosNok	ACCUMULATION	INTEGER	Number of failed positioning attempts for location commercial services, using the SAS-centric	ME_RncFunction_SasPositioning.pmLcsIupcRttFailQosNok	Sum	erttbh

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			RTT positioning method, which did not meet the requested QoS level.			
pmLcsIupcRttFailQosOk	ACCUMULATION	INTEGER	Number of failed positioning attempts for location commercial services, using the SAS-centric RTT positioning method, which met the requested QoS level.	ME_RncFunction_SasPositioning.pmLcsIupcRttFailQosOk	Sum	erttbh
pmLcsIupcRttSuccQosNok	ACCUMULATION	INTEGER	Number of successes	ME_RncFunction_SasPositioning.pmLcsIupcRttSuccQosNok	Sum	erttbh

			<p>successful positioning attempts for location commercial services, using the SAS-centric RTT positioning method, which did not meet the requested QoS level.</p>			
pmLcsIupcRttSuccQosOk	ACCUMULATION	INTEGER	Number of successful positioning attempts for location commercial	ME_RncFunction_SasPositioning.pmLcsIupcRttSuccQosOk	Sum	erttbh

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			services, using the SAS-centric RTT positioning method, which met the requested QoS level.			
pmLcsIupcUeaAgpsFailQosNok	ACCUMULATION	INTEGER	Number of failed positioning attempts for location commercial services, using the SAS-centric UE-assisted A-GPS positioning method, which did not	ME_RncFunction_SasPositioning.pmLcsIupcUeaAgpsFailQosNok	Sum	erttbh

			meet the requested QoS level.			
pmLcsIupcUeaAgpsFailQosOk	ACCUMULATION	INTEGER	Number of failed positioning attempts for location commercial services, using the SAS-centric UE-assisted A-GPS positioning method, which met the requested QoS level.	ME_RncFunction_SasPositioning.pmLcsIupcUeaAgpsFailQosOk	Sum	erttbh
pmLcsIupcUeaAgpsSuccQosNok	ACCUMULATION	INTEGER	Number of	ME_RncFunction_SasPositioning.pmLcsIupcUeaAgpsSuccQ	Sum	erttbh

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			successful positioning attempts for location commercial services, using the SAS-centric UE-assisted A-GPS positioning method, which did not meet the requested QoS level.	osNok		
pmLcsIupcUeaAgpsSuccQosOk	ACCUMULATION	INTEGER	Number of successful positioning attempts for location commercial service	ME_RncFunction_SasPositioning.pmLcsIupcUeaAgpsSuccQosOk	Sum	erttbh

			s, using the SAS- centric UE- assiste d A- GPS positio ning metho d, which met the request ed QoS level.			
pmLcsIupcUebAgps FailQosNok	ACCUMUL ATION	INTE GER	Numbe r of failed positio ning attemp ts for locatio n comme rcial service s, using the SAS- centric UE- based A-GPS	ME_RncFunction_SasPosition ing.pmLcsIupcUebAgpsFailQ osNok	Sum	erttbh

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			positioning method, which did not meet the requested QoS level.			
pmLcsIupcUebAgpsFailQosOk	ACCUMULATION	INTEGER	Number of failed positioning attempts for location commercial services, using the SAS-centric UE-based A-GPS positioning method, which met the requested QoS level.	ME_RncFunction_SasPositioning.pmLcsIupcUebAgpsFailQosOk	Sum	erttbh
pmLcsIupcUebAgpsSuccQosNok	ACCUMULATION	INTEGER	Number of	ME_RncFunction_SasPositioning.pmLcsIupcUebAgpsSucc	Sum	erttbh

			successful positioning attempts for location commercial services, using the SAS-centric UE-based A-GPS positioning method, which did not meet the requested QoS level.	QoSNok		
pmLcsIupcUebAgps SuccQosOk	ACCUMULATION	INTEGER	Number of successful positioning attempts for location	ME_RncFunction_SasPositioning.pmLcsIupcUebAgpsSuccQosOk	Sum	erttbh

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			<p>n commercial services, using the SAS-centric UE-based A-GPS positioning method, which met the requested QoS level.</p>		
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7.76 SCCP_Acct_Criteria Performance Indicators

This section shows the key performance indicators and other counters for the SCCP_Acct_Criteria object, divided into the following sub-sections:

- [SCCP_Acct_Criteria.Ericsson.UMTS.SCCP](#)

7.76.1 SCCP_Acct_Criteria.Ericsson.UMTS.SCCP

SCCP Accounting messages statistics.

KPI	Type	Data Type	Description	Derivation	Default Aggregator	Other Aggregators
pmNoOfMsg	ACCUMULATION	INT8	Number of messages, both incoming and outgoing.	RNC_Signaling_Connection_Ctrl_Acc_Criteria.pmNoOfMsg	Sum	erttbh, Sum
pmNoOfOctets	ACCUMULATION	INT8	Number of octets, both	RNC_Signaling_Connection_Ctrl_Acc_Cri	Sum	erttbh, Sum

			incoming and outgoing.	teria.pmNoOfOctets		
--	--	--	------------------------	--------------------	--	--

7.77 SCCP_Policing Performance Indicators

This section shows the key performance indicators and other counters for the SCCP_Policing object, divided into the following sub-sections:

- [SCCP_Policing.Ericsson.UMTS.SCCP](#)

7.77.1 SCCP_Policing.Ericsson.UMTS.SCCP

SCCP Policing messages statistics.

KPI	Type	Data Type	Description	Derivation	Default Aggregator	Other Aggregators
pmNoOfRejectMsg	ACCUMULATION	INT8	Number of rejected messages.	NODEB_Signaling_Connection_Control_Policing.pmNoOfRejectMsg	Sum	erttbh, Sum

7.78 SCCP_SCRC Performance Indicators

This section shows the key performance indicators and other counters for the SCCP_SCRC object, divided into the following sub-sections:

- [SCCP_SCRC.Ericsson.UMTS.SCCP](#)

7.78.1 SCCP_SCRC.Ericsson.UMTS.SCCP

UTRAN SCCP signaling.

KPI	Type	Data Type	Description	Derivation	Default Aggregator	Other Aggregators

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pmNoOfConnectFailure	ACCUMULATION	INT8	Number of connect failures.	RNC_Signaling_Connection_Control.pmNoOfConnectFailure	Sum	erttbh, Sum
pmNoOfHopCounterViolation	ACCUMULATION	INT8	Number of Hop counter violations.	RNC_Signaling_Connection_Control.pmNoOfHopCounterViolation	Sum	erttbh, Sum
pmNoOfRoutingFailNetworkCongest	ACCUMULATION	INT8	Number of routing failures due to network congestion.	RNC_Signaling_Connection_Control.pmNoOfRoutingFailNetworkCongest	Sum	erttbh, Sum
pmNoOfRoutingFailNoTransAddrOfSuchNature	ACCUMULATION	INT8	Number of routing failures due to no translation for Nature of Address field.	RNC_Signaling_Connection_Control.pmNoOfRoutingFailNoTransAddrOfSuchNature	Sum	erttbh, Sum
pmNoOfRoutingFailNoTransSpecificAddr	ACCUMULATION	INT8	Number of routing	RNC_Signaling_Connection_Control.pmNoOfRoutingFailNoTransSpecificAddr	Sum	erttbh, Sum

			failures due to no translation of specific addresses.		
pmNoOfRoutingFailReasonUnknown	ACCUMULATION	INTEGRATION	Performance monitoring counter for number of routing failures due to unknown reason.	RNC_Signaling_Connection_Control.pmNoOfRoutingFailReasonUnknown	Sum erttbh, Sum
pmNoOfRoutingFailSubsystemsUnavail	ACCUMULATION	INTEGRATION	Number of routing failures due to destination subsystem unavailable.	RNC_Signaling_Connection_Control.pmNoOfRoutingFailSubsystemsUnavail	Sum erttbh, Sum

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pmNoOfRoutingFailUnequippedSubsys	ACCUMULATION	IN T 8	Performance monitoring counter for number of routing failures due to unequipped subsystem.	RNC_Signaling_Connection_Control.pmNoOfRoutingFailUnequippedSubsys	Sum	erttbh, Sum
pmNoOfRoutingFailure	ACCUMULATION	IN T 8	Number of routing failures.	RNC_Signaling_Connection_Control.pmNoOfRoutingFailure	Sum	erttbh, Sum
pmNoOfRoutingFailurePointCodeUnAvail	ACCUMULATION	IN T 8	Number of routing failures due to destination point code not available.	RNC_Signaling_Connection_Control.pmNoOfRoutingFailurePointCodeUnAvail	Sum	erttbh, Sum

7.79 SCCP_SP Performance Indicators

This section shows the key performance indicators and other counters for the SCCP_SP object, divided into the following sub-sections:

- [SCCP_SP.Ericsson.UMTS.SCCP](#)

7.79.1 SCCP_SP.Ericsson.UMTS.SCCP

SCCP Signalling Point messages statistics.

KPI	Type	Data Type	Description	Derivation	Default Aggregator	Other Aggregators
pmNoOfConInUseExceededHighWaterMark	INTENSITY	INT8	Number of connections in use that exceeded the high water mark threshold.	RNC_Signaling_Connection_Control_ScpSp.pmNoOfConInUseExceededHighWaterMark	Average	Average, erttbh, Maximum, Minimum, Sum
pmNoOfConInUseReceededLowWaterMark	INTENSITY	INT8	Number of connections in use that receeded the low water mark threshold.	RNC_Signaling_Connection_Control_ScpSp.pmNoOfConInUseReceededLowWaterMark	Average	Average, erttbh, Maximum, Minimum, Sum
pmNoOfCREFRecFromNL	ACCUMULATION	INT8	Number of	RNC_Signaling_Connection_Control_ScpSp.pmNoOfCRE	Sum	erttbh, Sum

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			<p>Connection Refused (CREF) messages received from the Network Layer (NL). A CREF message indicates to the calling Signaling Connection Control Part (SCCP) that the setup of the signaling connection has been refused.</p>	FRecFromNL		
pmNoOfCREFSentToNL	ACCUMULATION	INT8	Number of	RNC_Signaling_Connection_Control_SccpSp.pmNoOfCRE	Sum	erttbh, Sum

		<p>Conne ction Refuse d (CREF) messa ges sent to the Netwo rk Layer (NL). A CREF messa ge indicat es to the calling Signall ing Conne ction Contro l Part (SCCP) that the setup of the signall ing connec tion has been refuse d.</p>	FSentToNL		
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pmNoOfCRRec	ACCUMULATION	INT8	Number of received Connection Requests (CR).	RNC_Signaling_Connection_Control_SccpSp.pmNoOfCRRec	Sum	erttbh, Sum
pmNoOfCRSent	ACCUMULATION	INT8	Number of sent Connection Requests (CR).	RNC_Signaling_Connection_Control_SccpSp.pmNoOfCRSent	Sum	erttbh, Sum
pmNoOfDT1Rec	ACCUMULATION	INT8	Number of received Data Form 1 message (DT1).	RNC_Signaling_Connection_Control_SccpSp.pmNoOfDT1Rec	Sum	erttbh, Sum
pmNoOfDT1Sent	ACCUMULATION	INT8	Number of sent Data Form 1 message (DT1).	RNC_Signaling_Connection_Control_SccpSp.pmNoOfDT1Sent	Sum	erttbh, Sum
pmNoOfERRRec	ACCUMULATION	INT8	Performance monitoring counter for number	RNC_Signaling_Connection_Control_SccpSp.pmNoOfERRRec	Sum	erttbh, Sum

			r of received Protocol Data Unit Errors (ERR).			
pmNoOfERRSent	ACCUMULATION	INT8	Number of sent Protocol Data Unit Errors (ERR).	RNC_Signaling_Connection_Control_ScpSp.pmNoOfERRSent	Sum	erttbh, Sum
pmNoOfLUDTRec	ACCUMULATION	INT8	Number of received Long Unitdata Message (LUDT) messages.	RNC_Signaling_Connection_Control_ScpSp.pmNoOfLUDTRec	Sum	erttbh, Sum
pmNoOfLUDTSSent	ACCUMULATION	INT8	Number of sent Long Unitdata Message	RNC_Signaling_Connection_Control_ScpSp.pmNoOfLUDTSSent	Sum	erttbh, Sum

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			(LUD T) messages.			
pmNoOfRLSDRecFromNL	ACCUMULATION	INT8	Number of Released (RLSD) messages received from the Network Layer (NL).	RNC_Signaling_Connection_Control_ScpSp.pmNoOfRLSDRecFromNL	Sum	erttbh, Sum
pmNoOfRLSDSentToNL	ACCUMULATION	INT8	Number of Released (RLSD) messages sent to the Network Layer (NL).	RNC_Signaling_Connection_Control_ScpSp.pmNoOfRLSDSentToNL	Sum	erttbh, Sum
pmNoOfSubsysAllowedSent	ACCUMULATION	INT8	Number of sent Subsys-tem-allowed messages, (SSA).	RNC_Signaling_Connection_Control_ScpSp.pmNoOfSubsysAllowedSent	Sum	erttbh, Sum

pmNoOfUDTRec	ACCUMULATION	INT8	Number of received UNIDATA messages (UDT)	RNC_Signaling_Connection_Control_ScpSp.pmNoOfUDTRec	Sum	erttbh, Sum
pmNoOfUDTSent	ACCUMULATION	INT8	Number of sent UNIDATA messages (UDT)	RNC_Signaling_Connection_Control_ScpSp.pmNoOfUDTSent	Sum	erttbh, Sum
pmNoOfUDTSRec	ACCUMULATION	INT8	Number of received UNIDATA SERVICE messages (UDTS).	RNC_Signaling_Connection_Control_ScpSp.pmNoOfUDTSRec	Sum	erttbh, Sum
pmNoOfUDTSSent	ACCUMULATION	INT8	Number of sent UNIDATA SERVICE messages	RNC_Signaling_Connection_Control_ScpSp.pmNoOfUDTSSent	Sum	erttbh, Sum

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			ges (UDT S).			
pmNoOfXUDTRec	ACCUMU LATION	IN T8	Numb er of receiv ed extend ed UNID ATA messa ges (XUD T).	RNC_Signaling_Connection_ Control_ScpSp.pmNoOfXUD TRec	Sum	erttbh, Sum
pmNoOfXUDTSent	ACCUMU LATION	IN T8	Numb er of sent extend ed UNID ATA messa ges (XUD T).	RNC_Signaling_Connection_ Control_ScpSp.pmNoOfXUD TSent	Sum	erttbh, Sum
pmNoOfXUDTSRec	ACCUMU LATION	IN T8	Numb er of receiv ed extend ed UNID ATA SERV ICE messa ges (XUD TS).	RNC_Signaling_Connection_ Control_ScpSp.pmNoOfXUD TSRec	Sum	erttbh, Sum
pmNoOfXUDTSSent	ACCUMU LATION	IN T8	Numb er of sent	RNC_Signaling_Connection_ Control_ScpSp.pmNoOfXUD TSSent	Sum	erttbh, Sum

			extended UNIDATA SERVICE messages (XUDTS).		
--	--	--	--	--	--

7.80 SCTP Performance Indicators

This section shows the key performance indicators and other counters for the SCTP object, divided into the following sub-sections:

- [SCTP.Ericsson.UMTS.SCTP](#)

7.80.1 SCTP.Ericsson.UMTS.SCTP

Sigtran - Stream Control Transmission Protocol statistics.

KPI	Type	Data Type	Description	Derivation	Default Aggregator	Other Aggregators
pmSctpAborted	ACCUMULATION	INTEGER	Number of times that Stream Control Transmission Protocol (SCTP) associations have made a direct transition	RNC_SCTP.pmSctpAborted or NODEB_SCTP.pmSctpAborted	Sum	erttbh, Sum

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			to the CLOSED state from any state, using the primitive ABORT			
pmSctpActiveEstab	ACCUMULATION	INTEGER	Number of times that Stream Control Transmission Protocol (SCTP) associations have made a direct transition to the ESTABLISHED state from the COOKIE-ECHOED state.	RNC_SCTP.pmSctpActiveEstab or NODEB_SCTP.pmSctpActiveEstab	Sum	erttbh, Sum
pmSctpCurrEstab	ACCUMULATION	INTEGER	Number of Stream Control Transmission Protocol (SCTP) associations, for which the current state is either ESTABLISHED, SHUTDOWN	RNC_SCTP.pmSctpCurrEstab or NODEB_SCTP.pmSctpCurrEstab	Sum	erttbh, Sum

			WN-PENDING, or SHUTDOWN-RECEIVED.			
pmSctpInErrors	ACCUMULATION	INTEGER	Description: The number of received SCTP datagrams that could not be delivered for reasons other than lack of a user application at the destination port.	NODEB_SCTP.pmSctpInErrors or RNC_SCTP.pmSctpInErrors	Sum	erttbh
pmSctpInNoPorts	ACCUMULATION	INTEGER	Description: The number of received SCTP datagrams for which there was no user application at the destination port.	NODEB_SCTP.pmSctpInNoPorts or RNC_SCTP.pmSctpInNoPorts	Sum	erttbh
pmSctpPassiveEstab	ACCUMULATION	INTEGER	Number	RNC_SCTP.pmSctpPassiveEstab	Sum	erttbh,

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	LATION	GER	of times that Stream Control Transmission Protocol (SCTP) associations have made a direct transition to the ESTABLISHED state from the CLOSED state.	veEstab or NODEB_SCTP.pmSctpPassiveEstab		Sum
pmSctpShutdowns	ACCUMULATION	INTEGER	Number of times that Stream Control Transmission Protocol (SCTP) associations have made a direct transition to the CLOSED state from either the SHUTDOWN-SENT state or the SHUTDOWN-	RNC_SCTP.pmSctpShutdowns or NODEB_SCTP.pmSctpShutdowns	Sum	erttbh, Sum

			ACK-SENT state.			
pmSctpStatAssocOutOfBlue	ACCUMULATION	INTEGER	Number of out-of-the-blue packets that are received by the host. These are Stream Control Transmission Protocol (SCTP) packets that are correctly formed (with a correct checksum), but there the receiver is not able to identify the association to which this packet belongs.	RNC_SCTP.pmSctpStatAssocOutOfBlue or NODEB_SCTP.pmSctpStatAssocOutOfBlue	Sum	erttbh, Sum
pmSctpStatChecksumErrorCounter	ACCUMULATION	INTEGER	Number of SCTP packets received	RNC_SCTP.pmSctpStatChecksumErrorCounter or NODEB_SCTP.pmSctpStatChecksumErrorCounter	Sum	erttbh, Sum

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			from the peers, with an invalid checksum.			
pmSctpStatCommResume	ACCUMULATION	INTEGER	Number of times SCTP has sent a communication resume indication to the user.	RNC_SCTP.pmSctpStatCommResume or NODEB_SCTP.pmSctpStatCommResume	Sum	erttbh, Sum
pmSctpStatCommStop	ACCUMULATION	INTEGER	Number of times SCTP has sent a communication stop indication to the user.	RNC_SCTP.pmSctpStatCommStop or NODEB_SCTP.pmSctpStatCommStop	Sum	erttbh, Sum
pmSctpStatFragmentedUserMsg	ACCUMULATION	INTEGER	Number of fragmented user messages, incremented when the first data chunk of fragmented message is sent.	RNC_SCTP.pmSctpStatFragmentedUserMsg or NODEB_SCTP.pmSctpStatFragmentedUserMsg	Sum	erttbh, Sum
pmSctpStatOutOfOrderRecChunks	ACCUMULATION	INTEGER	Number of unordered chunks received	RNC_SCTP.pmSctpStatOutOfOrderRecChunks or NODEB_SCTP.pmSctpStatOutOfOrderRecChunks	Sum	erttbh, Sum

			from the peers.			
pmSctpStatOutOfOrderSendChunks	ACCUMULATION	INTEGER	Number of unordered chunks sent to the peers.	RNC_SCTP.pmSctpStatOutOfOrderSendChunks or NODEB_SCTP.pmSctpStatOutOfOrderSendChunks	Sum	erttbh, Sum
pmSctpStatReassembledUserMsg	ACCUMULATION	INTEGER	Number of reassembled user messages, incremented when the first data chunk of a fragmented message is received.	RNC_SCTP.pmSctpStatReassembledUserMsg or NODEB_SCTP.pmSctpStatReassembledUserMsg	Sum	erttbh, Sum
pmSctpStatRecChunksDropped	ACCUMULATION	INTEGER	Number of sent chunks dropped, when the sending buffer overflows.	RNC_SCTP.pmSctpStatRecChunksDropped or NODEB_SCTP.pmSctpStatRecChunksDropped	Sum	erttbh, Sum
pmSctpStatRecChunks	ACCUMULATION	INTEGER	Number of complete data chunks received from the	RNC_SCTP.pmSctpStatRecChunks or NODEB_SCTP.pmSctpStatRecChunks	Sum	erttbh, Sum

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			peers (no retransmissions included).			
pmSctpStatReceivedControlChunks	ACCUMULATION	INTEGER	Number of received control chunks.	RNC_SCTP.pmSctpStatReceivedControlChunks or NODEB_SCTP.pmSctpStatReceivedControlChunks	Sum	erttbh, Sum
pmSctpStatReceivedPackages	ACCUMULATION	INTEGER	Number of SCTP packages Received.	RNC_SCTP.pmSctpStatReceivedPackages or NODEB_SCTP.pmSctpStatReceivedPackages	Sum	erttbh, Sum
pmSctpStatRetransChunks	ACCUMULATION	INTEGER	Number of data chunks retransmitted to the peers.	RNC_SCTP.pmSctpStatRetransChunks or NODEB_SCTP.pmSctpStatRetransChunks	Sum	erttbh, Sum
pmSctpStatSentChunksDropped	ACCUMULATION	INTEGER	Number of received chunks dropped, when the receiving buffer overflows.	RNC_SCTP.pmSctpStatSentChunksDropped or NODEB_SCTP.pmSctpStatSentChunksDropped	Sum	erttbh, Sum
pmSctpStatSentChunks	ACCUMULATION	INTEGER	Number of complete data chunks sent to the peers (no retransmissions included).	RNC_SCTP.pmSctpStatSentChunks or NODEB_SCTP.pmSctpStatSentChunks	Sum	erttbh, Sum
pmSctpStatSentControlChunks	ACCUMULATION	INTEGER	Number of sent control	RNC_SCTP.pmSctpStatSentControlChunks or NODEB_SCTP.pmSctpStatSentControlChunks	Sum	erttbh, Sum

			chunks.	atSentControlChunks		
pmSctpStatSentPackets	ACCUMULATION	INTEGER	Number of SCTP packages sent.	RNC_SCTP.pmSctpStatSentPackages or NODEB_SCTP.pmSctpStatSentPackages	Sum	erttbh, Sum

7.81 SONET_STS1 Performance Indicators

This section shows the key performance indicators and other counters for the SONET_STS1 object, divided into the following sub-sections:

- [SONET_STS1.Ericsson.UMTS.Physical_Link](#)

7.81.1 SONET_STS1.Ericsson.UMTS.Physical_Link

SONET STS1 physical link statistics.

KPI	Type	Data Type	Description	Derivation	Default Aggregator	Other Aggregators
pmEsp	ACCUMULATION	INT8	Number of errored seconds path.	RNC_STS1_TP.pmEsp or NODEB_STS1_TP.pmEsp or RXI_STS1_TP.pmEsp	Sum	erttbh, Sum
pmSesp	ACCUMULATION	INT8	Number of severely errored seconds path.	RNC_STS1_TP.pmSesp or NODEB_STS1_TP.pmSesp or RXI_STS1_TP.pmSesp	Sum	erttbh, Sum
pmUasp	ACCUMULATION	INTEGER	Transmission Unavailable Seconds (SES). The accumulated unavailable time	RNC_STS1_TP.pmUasp or NODEB_STS1_TP.pmUasp or RXI_STS1_TP.pmUasp	Sum	erttbh, Sum

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			in seconds during the interval. Unavailable time starts when 10 consecutive SES are detected (them being part of the unavailable time) and ends when 10 consecutive non-SES are detected. This counter is incremented for each second of unavailable time.		
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7.82 SONET_STS3 Performance Indicators

This section shows the key performance indicators and other counters for the SONET_STS3 object, divided into the following sub-sections:

- [SONET_STS3.Ericsson.UMTS.Physical_Link](#)

7.82.1 SONET_STS3.Ericsson.UMTS.Physical_Link

SONET STS3 physical link statistics.

KPI	Type	Data Type	Description	Derivation	Default Aggregator	Other Aggregators
pmEsp	ACCUMULATION	INT8	Number of severely errored seconds path.	RNC_STS3_TP.p mEsp or NODEB_STS3_TP .pmEsp or RXI_STS3_TP.p mEsp	Sum	erttbh, Sum
pmSesp	ACCUMULATION	INT8	Number of severely errored seconds path.	RNC_STS3_TP.p mSesp or NODEB_STS3_TP	Sum	erttbh, Sum

				.pmSesp or RXI_STS3_TP.pm Sesp		
pmUasp	ACCUMULATION	INTEGER	Transmission Unavailable Seconds (SES). The accumulated unavailable time in seconds during the interval. Unavailable time starts when 10 consecutive SES are detected (them being part of the unavailable time) and ends when 10 consecutive non-SES are detected. This counter is incremented for each second of unavailable time.	RNC_STS3_TP.p mUasp or NODEB_STS3_TP .pmUasp or RXI_STS3_TP.pm Uasp	Sum	erttbh, Sum

7.83 SwitchPortStp Performance Indicators

This section shows the key performance indicators and other counters for the SwitchPortStp object, divided into the following sub-sections:

- [SwitchPortStp.Ericsson.UMTS.Port_Statistics](#)

7.83.1 SwitchPortStp.Ericsson.UMTS.Port_Statistics

Port statistics.

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KPI	Type	Data Type	Description	Derivation	Default Aggregator	Other Aggregators
pmReceivedBpdu	ACCUMULATION	INTEGER	The number of received RSTP and STP BPDUs.	RNC_SwitchPortStp.pmReceivedBpdu or NODEB_SwitchPortStp.pmReceivedBpdu or RXI_SwitchPortStp.pmReceivedBpdu	Sum	erttbh, Sum
pmTransmittedBpdu	ACCUMULATION	INTEGER	The number of transmitted RSTP and STP BPDUs.	RNC_SwitchPortStp.pmTransmittedBpdu or NODEB_SwitchPortStp.pmTransmittedBpdu or RXI_SwitchPortStp.pmTransmittedBpdu	Sum	erttbh, Sum

7.84 SwitchStp Performance Indicators

This section shows the key performance indicators and other counters for the SwitchStp object, divided into the following sub-sections:

- [SwitchStp.Ericsson.UMTS.Switch_Stp_Statistics](#)

7.84.1 SwitchStp.Ericsson.UMTS.Switch_Stp_Statistics

Switch STP statistics

KPI	Type	Data Type	Description	Derivation	Default Aggregator	Other Aggregators
pmTopologyChanges	ACCUMULATION	INTEGER	Number of topology changes.	RNC_SwitchStp.pmTopologyChanges or NODEB_SwitchStp.pmTopologyChanges or RXI_SwitchStp.pmTopologyChanges	Sum	erttbh, Sum

7.85 Synchronization Performance Indicators

This section shows the key performance indicators and other counters for the Synchronization object, divided into the following sub-sections:

- [Synchronization.Ericsson.UMTS.Synchronisation_Statistics](#)

7.85.1 Synchronization.Ericsson.UMTS.Synchronisation_Statistics

Delay and synchronization statistics.

KPI	Type	Data Type	Description	Derivation	Default Aggregator	Other Aggregators
pmHDelayVarBest10Pct	INTENSITY	INTEGER	This counter shows the Highest Delay Variation (see ITU-T Y.1540 for definition of the delay variation) of the best 10% synchronization frames (with the lowest delay) experienced by the active IP synchronization reference during the PM interval.	RNC_Synchronization.pmHDelayVarBest10Pct or NODEB_Synchronization.pmHDelayVarBest10Pct or RXI_Synchronization.pmHDelayVarBest10Pct	Average	Average, erttbh, Maximum, Minimum, Sum
pmHDelayVarBest1Pct	INTENSITY	INTEGER	This counter shows the	RNC_Synchronization.pmHDelayVarBest1Pct or NODEB_Synchronization.pm	Average	Average, erttbh, Maximum

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			Highest Delay Variation (see ITU-T Y.1540 for definition of the delay variation) of the best 1% synchronization frames (with the lowest delay) experienced by the active IP synchronization reference during the PM interval.	HDelayVarBest1Pct or RXI_Synchronization.pmHDelayVarBest1Pct		m, Minimum, Sum
pmHDelayVarBest50Pct	INTENSITY	INTEGER	This counter shows the Highest Delay Variation (see ITU-T Y.1540 for definition of the delay variation) of the best 50% synchronization frames (with the lowest	RNC_Synchronization.pmHDelayVarBest50Pct or NODEB_Synchronization.pmHDelayVarBest50Pct or RXI_Synchronization.pmHDelayVarBest50Pct	Average	Average, Maximum, Minimum, Sum

			delay) experienced by the active IP synchronization reference during the PM interval.			
pmMaxDelayVariation	INTENSITY	INTEGER	This counter shows the Maximum Delay Variation (see ITU-T Y.1540 for definition of the delay variation) experienced by the active IP synchronization reference during the PM interval.	RNC_Synchronization.pmMaxDelayVariation or NODEB_Synchronization.pmMaxDelayVariation or RXI_Synchronization.pmMaxDelayVariation	Average	Average, erttbh, Maximum, Minimum, Sum

7.86 T1Ttp Performance Indicators

This section shows the key performance indicators and other counters for the T1Ttp object, divided into the following sub-sections:

- [T1Ttp.Ericsson.UMTS.Physical_Link](#)

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7.86.1 T1Ttp.Ericsson.UMTS.Physical_Link

T1 terminal termination point physical link statistics

KPI	Type	Data Type	Description	Derivation	Default Aggregator	Other Aggregators
pmEs	ACCUMULATION	INT8	Number of errored seconds.	RNC_T1Ttp.pmEs or NODEB_T1Ttp.pmEs or RXI_T1Ttp.pmEs	Sum	erttbh, Sum
pmSes	ACCUMULATION	INT8	Number of severely errored seconds.	RNC_T1Ttp.pmSes or NODEB_T1Ttp.pmSes or RXI_T1Ttp.pmSes	Sum	erttbh, Sum
pmUas	ACCUMULATION	INTEGER	Transmission Unavailable Seconds (SES). The accumulated unavailable time in seconds during the interval. Unavailable time starts when 10 consecutive SES are detected (them being part of the unavailable time) and ends when 10 consecutive non-SES are detected. This counter is incremented for each second of unavailable time.	RNC_T1Ttp.pmUas or NODEB_T1Ttp.pmUas or RXI_T1Ttp.pmUas	Sum	erttbh, Sum

7.87 Uni_SAAL_Tp Performance Indicators

This section shows the key performance indicators and other counters for the Uni_SAAL_Tp object, divided into the following sub-sections:

- [Uni_SAAL_Tp.Ericsson.UMTS.UNI_SAAL](#)

7.87.1 Uni_SAAL_Tp.Ericsson.UMTS.UNI_SAAL

UTRAN UNI_SAAL signaling.

KPI	Type	Data Type	Description	Derivation	Default Aggregator	Other Aggregators
FailNoOfSL	ACCUMULATION	INT8	Number of NBAP signalling link failures.	RNC_UniSAalTp_Signaling.KPI_FailNoOfSL or NODEB_UniSAalTp_Signaling.KPI_FailNoOfSL or RXI_UniSAalTp_Signaling.KPI_FailNoOfSL	Sum	erttbh, Sum
NoOfLocalCongestions	ACCUMULATION	INT8	Number of NBAP local congestions.	{pmNoOfLocalCongestions}	Sum	erttbh, Sum
NoOfRemoteCongestions	ACCUMULATION	INT8	Total Number of NBAP congestions.	{pmNoOfRemoteCongestions}	Sum	erttbh, Sum
pmLinkInServiceTime	ACCUMULATION	INT8	Accumulated time (in seconds) the signalling link has been in	RNC_UniSAalTp_Signaling.pmLinkInServiceTime or NODEB_UniSAalTp_Signaling.pmLinkInServiceTime or RXI_UniSAalTp_Signaling.pmLinkInServiceTime	Sum	erttbh, Sum

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			service (in assured data transfer mode) since it was created. If the link is down the value 0 is returned.			
pmNoOfAlignmentFailures	ACCUMULATION	INT8	Number of alignment or proving failures. This counter is increased when alignment not successful. The counter is reset when the link is created or the counter overflows.	RNC_UniSAaTp_Signaling.pmNoOfAlignmentFailures or NODEB_UniSAaTp_Signaling.pmNoOfAlignmentFailures or RXI_UniSAaTp_Signaling.pmNoOfAlignmentFailures	Sum	erttbh, Sum
pmNoOfAllSLFailures	ACCUMULATION	INT8	Number of all Signaling Link failures. Is a total sum of the error	RNC_UniSAaTp_Signaling.pmNoOfAllSLFailures or NODEB_UniSAaTp_Signaling.pmNoOfAllSLFailures or RXI_UniSAaTp_Signaling.pmNoOfAllSLFailures	Sum	erttbh, Sum

			counters: - Number of protocol errors - Number of unsuccessfully retransmissions - Number of No Response - Number of other errors.			
pmNoOfLocalCongestions	ACCUMULATION	INT8	Number of local congestions This counter is increased when the sum of SAAL send and retransmission buffers are filled to more than 90 percent.	RNC_UniSAALtp_Signaling.pmNoOfLocalCongestions or NODEB_UniSAALtp_Signaling.pmNoOfLocalCongestions or RXI_UniSAALtp_Signaling.pmNoOfLocalCongestions	Sum	erttbh, Sum
pmNoOfNoResponses	ACCUMULATION	INT8	Number of no response The counter counts	RNC_UniSAALtp_Signaling.pmNoOfNoResponses or NODEB_UniSAALtp_Signaling.pmNoOfNoResponses or RXI_UniSAALtp_Signaling.	Sum	erttbh, Sum

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			the number of no responses detected the last 30 minutes.	pmNoOfNoResponses		
pmNoOfOtherErrors	ACCUMULATION	INT8	Number of other list element errors The counter counts the number of other errors detected the last 30 minutes.	RNC_UniSAaTp_Signaling.pmNoOfOtherErrors or NODEB_UniSAaTp_Signaling.pmNoOfOtherErrors or RXI_UniSAaTp_Signaling.pmNoOfOtherErrors	Sum	erttbh, Sum
pmNoOfProtocolErrors	ACCUMULATION	INT8	Number of unsolicited or inappropriate PDUs The counter counts the number of protocol errors detected the last 30 minutes.	RNC_UniSAaTp_Signaling.pmNoOfProtocolErrors or NODEB_UniSAaTp_Signaling.pmNoOfProtocolErrors or RXI_UniSAaTp_Signaling.pmNoOfProtocolErrors	Sum	erttbh, Sum
pmNoOfReceivedSD	ACCUMULATION	IN	Number	RNC_UniSAaTp_Signaling	Sum	erttbh,

Us	ATION	T8	of successfully received SDUs The counter counts the number of successfully received messages from the application using SAaL. Reset when the link goes InService or the counter overflows.	.pmNoOfReceivedSDUs or NODEB_UniSAaTp_Signaling.pmNoOfReceivedSDUs or RXI_UniSAaTp_Signaling.pmNoOfReceivedSDUs	Sum	Sum
pmNoOfRemoteCongestions	ACCUMULATION	INT8	Number of remote congestions This counter is increased when the remote side gives SAaL no credit. Reset when the	RNC_UniSAaTp_Signaling.pmNoOfRemoteCongestions or NODEB_UniSAaTp_Signaling.pmNoOfRemoteCongestions or RXI_UniSAaTp_Signaling.pmNoOfRemoteCongestions	Sum	erttbh, Sum

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			link goes InService or the counter overflows.			
pmNoOfSentSDUs	ACCUMULATION	INT8	Number of successfully sent SDUs The counter counts the number of successfully sent messages to the application using SAaL. Reset when the link goes InService or the counter overflows.	RNC_UniSAaTp_Signaling.pmNoOfSentSDUs or NODEB_UniSAaTp_Signaling.pmNoOfSentSDUs or RXI_UniSAaTp_Signaling.pmNoOfSentSDUs	Sum	erttbh, Sum
pmNoOfSequenceDataLosses	ACCUMULATION	INT8	Number of sequence data loss The counter counts the number of SD loss detected the last	RNC_UniSAaTp_Signaling.pmNoOfSequenceDataLosses or NODEB_UniSAaTp_Signaling.pmNoOfSequenceDataLosses or RXI_UniSAaTp_Signaling.pmNoOfSequenceDataLosses	Sum	erttbh, Sum

			30 minutes.		
pmNoOfUnsuccReTr ansmissions	ACCUMUL ATION	IN T8	Number of unsucc esful retransmi ssions The counter counts the number of unsucc esfully retransmi ssions detected the last 30 minutes.	RNC_UniSAalTp_Signaling .pmNoOfUnsuccReTransmi ssions or NODEB_UniSAalTp_Signa ling.pmNoOfUnsuccReTran smissons or RXI_UniSAalTp_Signaling. pmNoOfUnsuccReTransmis sions	Sum erttbh, Sum
TotNoOfCongestions	ACCUMUL ATION	IN T8	Number of NBAP remote congestio ns.	({pmNoOfLocalCongestion s} + {pmNoOfRemoteCongestio ns})	Sum erttbh, Sum
TotNoOfSDUs	ACCUMUL ATION	IN T8	Total number of received SDUs.	({pmNoOfSentSDUs} + {pmNoOfReceivedSDUs})	Sum erttbh, Sum

7.88 UpLink_Baseband_Pool Performance Indicators

This section shows the key performance indicators and other counters for the UpLink_Baseband_Pool object, divided into the following sub-sections:

- [UpLink_Baseband_Pool.Ericsson.UMTS.hardware_usage_statistics](#)

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- [UpLink_Baseband_Pool.Ericsson.UMTS.PDF_pmCapacityUICe](#)
- [UpLink_Baseband_Pool.Ericsson.UMTS.PDF_pmHwCePoolEul](#)

7.88.1 UpLink_Baseband_Pool.Ericsson.UMTS.hardware_usage_statistics

Baseband Pool resource usage statistics for uplink connection.

KPI	Type	Data Type	Description	Derivation	Default Aggregator	Other Aggregators
%_Failed_CapacityAllocAttUICe	PERCENTAGE	FLOAT	Percentage failed attempts to allocate UL Channel Elements.	$100 * \frac{\{pmCapacityAllocRejUICe\}}{\{pmCapacityAllocAttUICe\}}$	Average	enblbh
pmApomcOfRachCap	ACCUMULATION	INTEGER	The average RACH usage of the maximum UL capacity, in percent. The maximum UL capacity is the sum of all CEs of the configured RAX boards in the RBS.	NodeB_ULBasebandPool. pmApomcOfRachCap	Sum	enblbh, Sum
pmApomcOfRakeRecUsed	INTENSITY	FLOAT	- Obsolete in P7: The average percentage of maximum capacity for Number of Rake Receivers used on the Uplink base band pool during a 15 minutes period.	NodeB_ULBasebandPool. pmApomcOfRakeRecUsed	Average	Average, enblbh, Maximum, Minimum, Sum
pmApomcOfUplinkCap	INTENSITY	FLOAT	- Obsolete in P7: The average used percentage of maximum	NodeB_ULBasebandPool. pmApomcOfUplinkCap	Average	Average, enblbh, Maxim

			capacity for Uplink Link Capacity on the Uplink base band pool during a 15 minutes period.			um, Minimum, Sum
pmApomcOfUIRachCap	INTENSITY	FLOAT	- Obsolete in P7: The average used percentage of maximum capacity for Uplink Random Access Capacity on the Uplink base band pool during a 15 minutes period.	NodeB_ULBasebandPool. pmApomcOfUIRachCap	Average	Average, enblbh, Maximum, Minimum, Sum
pmCapacityAllocAttUICe	ACCUMULATION	INTEGER	The number of attempts to allocate UL Channel Elements.	NodeB_ULBasebandPool. pmCapacityAllocAttUICe	Sum	enblbh
pmCapacityAllocRejUICe	ACCUMULATION	INTEGER	The number of attempts to allocate UL Channel Elements that are rejected (related to bin [0] of pmCapacityUICe).	NodeB_ULBasebandPool. pmCapacityAllocRejUICe	Sum	enblbh
pmCapacityUICe_Avg	INTENSITY	FLOAT	Average: The distribution of the UL Channel Element utilization, as	NodeB_ULBasebandPool. pmCapacityUICe_Avg	Average	enblbh, Sum, Minimum, Maxim

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			percentages of the license limit for the UplinkBaseBandPool. If two baseband pools are used, the licensed capacity of UL Channel Elements is distributed between the two baseband pools according to the parameter NodeBFunction: :ulLicFractBBPool2. The licensed capacity is not distributed when Delayed Activation is active, at Emergency Unlock, at 9999, and at No License Key.			um
pmCapacityUICe_Max	INTENSITY	INTEGER	Maximum: The distribution of the UL Channel Element utilization, as percentages of the license limit for the UplinkBaseBandPool. If two baseband pools are used, the licensed capacity of UL Channel Elements is	NodeB_ULBasebandPool. pmCapacityUICe_Max	Average	enblbh, Sum, Minimum, Maximum

			distributed between the two baseband pools according to the parameter NodeBFunction: :ulLicFractBBPool2. The licensed capacity is not distributed when Delayed Activation is active, at Emergency Unlock, at 9999, and at No License Key.			
pmCapacityUICe_Min	INTENSITY	INTEGER	Minimum: The distribution of the UL Channel Element utilization, as percentages of the license limit for the UplinkBaseBandPool. If two baseband pools are used, the licensed capacity of UL Channel Elements is distributed between the two baseband pools according to the parameter NodeBFunction:	NodeB_ULBasebandPool. pmCapacityUICe_Min	Average	enblbh, Sum, Minimum, Maximum

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			:ulLicFractBBPool2. The licensed capacity is not distributed when Delayed Activation is active, at Emergency Unlock, at 9999, and at No License Key.			
pmHwCePoolEul_Avg	INTENSITY	FLOAT	Average: Total sum of CEs allocated on the UL hardware by the E-UL scheduler.	NodeB_ULBasebandPool. pmHwCePoolEul_Avg	Average	Average, enblbh, Maximum, Minimum, Sum
pmHwCePoolEul_Max	INTENSITY	INTEGER	Maximum: Total sum of CEs allocated on the UL hardware by the E-UL scheduler.	NodeB_ULBasebandPool. pmHwCePoolEul_Max	Average	Average, enblbh, Maximum, Minimum, Sum
pmHwCePoolEul_Min	INTENSITY	INTEGER	Minimum: Total sum of CEs allocated on the UL hardware by the E-UL scheduler.	NodeB_ULBasebandPool. pmHwCePoolEul_Min	Average	Average, enblbh, Maximum, Minimum, Sum
pmNoOfIbho	ACCUMULATION	INT8	The number of redistributions of Radio Link (RL) between RAX boards in the RBS during a 15 minutes	NodeB_ULBasebandPool. pmNoOfIbho	Sum	enblbh, Sum

			period. This occurs if there is insufficient capacity in the UL baseband pool when setting up a new RAB.			
pmNoOfRadioLinksSf128	INTENSITY	FLOAT	The number of radio links used on the Uplink base band pool, with minimum spreading factor = 128.	NodeB_ULBasebandPool. pmNoOfRadioLinksSf128	Average	Average, enblbh, Maximum, Minimum, Sum
pmNoOfRadioLinksSf16	INTENSITY	FLOAT	The number of radio links used on the Uplink base band pool, with minimum spreading factor = 16.	NodeB_ULBasebandPool. pmNoOfRadioLinksSf16	Average	Average, enblbh, Maximum, Minimum, Sum
pmNoOfRadioLinksSf256	INTENSITY	FLOAT	The number of radio links used on the Uplink base band pool, with minimum spreading factor = 256.	NodeB_ULBasebandPool. pmNoOfRadioLinksSf256	Average	Average, enblbh, Maximum, Minimum, Sum
pmNoOfRadioLinksSf32	INTENSITY	FLOAT	The number of radio links used on the Uplink base band pool, with minimum spreading factor	NodeB_ULBasebandPool. pmNoOfRadioLinksSf32	Average	Average, enblbh, Maximum, Minimum

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			= 32.			um, Sum
pmNoOfRadioLinksSf4	INTENSITY	FLOAT	The number of radio links used on the Uplink base band pool, with minimum spreading factor = 4.	NodeB_ULBasebandPool. pmNoOfRadioLinksSf4	Average	Average, enblbh, Maximum, Minimum, Sum
pmNoOfRadioLinksSf64	INTENSITY	FLOAT	The number of radio links used on the Uplink base band pool, with minimum spreading factor = 64.	NodeB_ULBasebandPool. pmNoOfRadioLinksSf64	Average	Average, enblbh, Maximum, Minimum, Sum
pmNoOfRadioLinksSf8	INTENSITY	FLOAT	The number of radio links used on the Uplink base band pool, with minimum spreading factor = 8.	NodeB_ULBasebandPool. pmNoOfRadioLinksSf8	Average	Average, enblbh, Maximum, Minimum, Sum
pmNoUIHwLimitEul	ACCUMULATION	INTEGER	Number of times a scheduling decision is taken to increase the hardware rate of an E-DCH user and there is a need to decrease the hardware rate for another E-DCH user owing to UL hardware resource limitations.	NodeB_ULBasebandPool. pmNoUIHwLimitEul	Sum	enblbh, Sum
pmSamplesCap	ACCUMULATION	INTEGER	Number of	NodeB_ULBasebandPool.	Sum	enblbh

pmSumCapacityUICe	ACCUMULATION	INTEGER	samples in pmSumCapacityUICe (that is, pmSamplesCapacityUICe = pmSumCapacityUICe + 1, whenever pmSumCapacityUICe is to be updated).	pmSamplesCapacityUICe		
pmSetupAttemptsSf128	ACCUMULATION	INT8	The number of setup attempts (SF = 128) on the Uplink base band pool during a 15 minutes period (not the total sum).	NodeB_ULBasebandPool. pmSetupAttemptsSf128	Sum	enblbh, Sum
pmSetupAttemptsSf16	ACCUMULATION	INT8	The number of setup attempts (SF = 16) on the Uplink base band pool during a 15 minutes period (not the total sum).	NodeB_ULBasebandPool. pmSetupAttemptsSf16	Sum	enblbh, Sum
pmSetupAttemptsSf256	ACCUMULATION	INT8	The number of setup attempts (SF = 256) on the Uplink base band pool during a 15 minutes period (not the total sum).	NodeB_ULBasebandPool. pmSetupAttemptsSf256	Sum	enblbh, Sum

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pmSetupAttemptsSf32	ACCUMULATION	INT8	The number of setup attempts (SF = 32) on the Uplink base band pool during a 15 minutes period (not the total sum).	NodeB_ULBasebandPool. pmSetupAttemptsSf32	Sum	enblbh, Sum
pmSetupAttemptsSf4	ACCUMULATION	INT8	The number of setup attempts (SF = 4) on the Uplink base band pool during a 15 minutes period (not the total sum).	NodeB_ULBasebandPool. pmSetupAttemptsSf4	Sum	enblbh, Sum
pmSetupAttemptsSf64	ACCUMULATION	INT8	The number of setup attempts (SF = 64) on the Uplink base band pool during a 15 minutes period (not the total sum).	NodeB_ULBasebandPool. pmSetupAttemptsSf64	Sum	enblbh, Sum
pmSetupAttemptsSf8	ACCUMULATION	INT8	The number of setup attempts (SF = 8) on the Uplink base band pool during a 15 minutes period (not the total sum).	NodeB_ULBasebandPool. pmSetupAttemptsSf8	Sum	enblbh, Sum
pmSetupFailuresSf128	ACCUMULATION	INT8	The number of setup failures (SF = 128) due to RAXB congestion on the Uplink base band pool	NodeB_ULBasebandPool. pmSetupFailuresSf128	Sum	enblbh, Sum

			during a 15 minutes period (not the total sum).			
pmSetupFailuresSf16	ACCUMULATION	INT8	The number of setup failures (SF = 16) due to RAXB congestion on the Uplink baseband pool during a 15 minutes period (not the total sum).	NodeB_ULBasebandPool. pmSetupFailuresSf16	Sum	enblbh, Sum
pmSetupFailuresSf256	ACCUMULATION	INT8	The number of setup failures (SF = 256) due to RAXB congestion on the Uplink baseband pool during a 15 minutes period (not the total sum).	NodeB_ULBasebandPool. pmSetupFailuresSf256	Sum	enblbh, Sum
pmSetupFailuresSf32	ACCUMULATION	INT8	The number of setup failures (SF = 32) due to RAXB congestion on the Uplink baseband pool during a 15 minutes period (not the total sum).	NodeB_ULBasebandPool. pmSetupFailuresSf32	Sum	enblbh, Sum
pmSetupFailure	ACCUMU	INT8	The number of	NodeB_ULBasebandPool.	Sum	enblbh,

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sSf4	LATION		setup failures (SF = 4) due to RAXB congestion on the Uplink base band pool during a 15 minutes period (not the total sum).	pmSetupFailuresSf4		Sum
pmSetupFailuresSf64	ACCUMULATION	INT8	The number of setup failures (SF = 64) due to RAXB congestion on the Uplink base band pool during a 15 minutes period (not the total sum).	NodeB_ULBasebandPool. pmSetupFailuresSf64	Sum	enblbh, Sum
pmSetupFailuresSf8	ACCUMULATION	INT8	The number of setup failures (SF = 8) due to RAXB congestion on the Uplink base band pool during a 15 minutes period (not the total sum).	NodeB_ULBasebandPool. pmSetupFailuresSf8	Sum	enblbh, Sum
pmSumCapacityUICe	ACCUMULATION	INTEGER	Aggregate of all sample values (measurement_value) recorded within the ROP for number of used UL Channel Elements.	NodeB_ULBasebandPool. pmSumCapacityUICe	Sum	enblbh
pmSumSqrCapacityUICe	ACCUMULATION	INTEGER	Aggregate of the squares of	NodeB_ULBasebandPool. pmSumSqrCapacityUICe	Sum	enblbh

			the sample values (measurement_value) in pmSumCapacityUICe, that is, pmSumSqrCapacityUICe = pmSumSqrCapacityUICe + sqr (measurement_value).			
setupattempts	ACCUMULATION	INT8	The number of setup attempts on the Uplink base band pool during a 15 minutes period.	{pmSetupAttemptsSf4}+ {pmSetupAttemptsSf8}+ {pmSetupAttemptsSf16}+ {pmSetupAttemptsSf32}+ {pmSetupAttemptsSf64}+ {pmSetupAttemptsSf128} + {pmSetupAttemptsSf256}	Sum	enblbh, Sum
setupfailures	ACCUMULATION	INT8	The number of setup failures due to RAXB congestion on the Uplink base band pool during a 15 minutes period.	{pmSetupFailuresSf4}+ {pmSetupFailuresSf8}+ {pmSetupFailuresSf16}+ {pmSetupFailuresSf32}+ {pmSetupFailuresSf64}+ {pmSetupFailuresSf128}+ {pmSetupFailuresSf256}	Sum	enblbh, Sum
setupsuccess	ACCUMULATION	INT8	The number of setup success on the Uplink base band pool during a 15 minutes period.	{setupattempts} - {setupfailures}	Sum	enblbh, Sum

7.88.2 UpLink_Baseband_Pool.Ericsson.UMTS.PDF_pmCapacityUICe

pmCapacityUICe PDF counters

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KPI	Type	Data Type	Description	Derivation	Default Aggregator	Other Aggregators
pmCapacityUICe_0	ACCUMULATION	INTEGER	The distribution of the UL Channel Element utilization, as percentages of the license limit for the UplinkBaseBandPool. If two baseband pools are used, the licensed capacity of UL Channel Elements is distributed between the two baseband pools according to the parameter NodeBFunction::ulLicFractBPool2. The licensed capacity is not distributed at delayed activation of license key, at emergency unlock, when license key value is 9999, and when license key is invalid/missing.	NodeB_ULBasebandPool. pmCapacityUICe_0	Sum	
pmCapacityUICe_10	ACCUMULATION	INTEGER	The distribution of	NodeB_ULBasebandPool. pmCapacityUICe_10	Sum	

			the UL Channel Element utilization, as percentages of the license limit for the UplinkBaseBandPool. If two baseband pools are used, the licensed capacity of UL Channel Elements is distributed between the two baseband pools according to the parameter NodeBFunction::ulLicFractBPool2. The licensed capacity is not distributed at delayed activation of license key, at emergency unlock, when license key value is 9999, and when license key is invalid/missing.			
pmCapacityUICe_1	ACCUMULATION	INTEGER	The distribution of	NodeB_ULBasebandPool.pmCapacityUICe_1	Sum	

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			<p>the UL Channel Element utilization, as percentages of the license limit for the UplinkBaseBandPool. If two baseband pools are used, the licensed capacity of UL Channel Elements is distributed between the two baseband pools according to the parameter NodeBFunction::ulLicFractBPool2. The licensed capacity is not distributed at delayed activation of license key, at emergency unlock, when license key value is 9999, and when license key is invalid/missing.</p>			
pmCapacityUICe_2	ACCUMULATION	INTEGER	The distribution of the UL Channel Element utilization, as percentages of	NodeB_ULBasebandPool.pmCapacityUICe_2	Sum	

			<p>the license limit for the UplinkBaseBandPool. If two baseband pools are used, the licensed capacity of UL Channel Elements is distributed between the two baseband pools according to the parameter NodeBFunction::ulLicFractBPool2. The licensed capacity is not distributed at delayed activation of license key, at emergency unlock, when license key value is 9999, and when license key is invalid/missing.</p>			
pmCapacityUICe_3	ACCUMULATION	INTEGER	<p>The distribution of the UL Channel Element utilization, as percentages of</p>	NodeB_ULBasebandPool.pmCapacityUICe_3	Sum	

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			<p>the license limit for the UplinkBaseBandPool. If two baseband pools are used, the licensed capacity of UL Channel Elements is distributed between the two baseband pools according to the parameter NodeBFunction::ulLicFractBPool2. The licensed capacity is not distributed at delayed activation of license key, at emergency unlock, when license key value is 9999, and when license key is invalid/missing.</p>			
pmCapacityUICe_4	ACCUMULATION	INTEGRER	<p>The distribution of the UL Channel Element utilization, as percentages of the license limit for the UplinkBaseBandPool. If two baseband pools</p>	NodeB_ULBasebandPool.pmCapacityUICe_4	Sum	

			are used, the licensed capacity of UL Channel Elements is distributed between the two baseband pools according to the parameter NodeBFunction::ulLicFractBPool2. The licensed capacity is not distributed at delayed activation of license key, at emergency unlock, when license key value is 9999, and when license key is invalid/missing.			
pmCapacityUICe_5	ACCUMULATION	INTEGER	The distribution of the UL Channel Element utilization, as percentages of the license limit for the UplinkBaseBandPool. If two baseband pools	NodeB_ULBasebandPool	Sum	.pmCapacityUICe_5

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			<p>are used, the licensed capacity of UL Channel Elements is distributed between the two baseband pools according to the parameter NodeBFunction::ulLicFractBPool2. The licensed capacity is not distributed at delayed activation of license key, at emergency unlock, when license key value is 9999, and when license key is invalid/missing.</p>			
pmCapacityUICe_6	ACCUMULATION	INTEGER	<p>The distribution of the UL Channel Element utilization, as percentages of the license limit for the UplinkBaseBandPool. If two baseband pools are used, the licensed capacity of UL Channel Elements is</p>	NodeB_ULBasebandPool.pmCapacityUICe_6	Sum	

			distributed between the two baseband pools according to the parameter NodeBFunction::ulLicFractBPool2. The licensed capacity is not distributed at delayed activation of license key, at emergency unlock, when license key value is 9999, and when license key is invalid/missing .		
pmCapacityUICe_7	ACCUMULATION	INTEGER	The distribution of the UL Channel Element utilization, as percentages of the license limit for the UplinkBaseBandPool. If two baseband pools are used, the licensed capacity of UL Channel Elements is	NodeB_ULBasebandPool .pmCapacityUICe_7	Sum

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			distributed between the two baseband pools according to the parameter NodeBFunction::ulLicFractBPool2. The licensed capacity is not distributed at delayed activation of license key, at emergency unlock, when license key value is 9999, and when license key is invalid/missing.		
pmCapacityUICe_8	ACCUMULATION	INTEGER	The distribution of the UL Channel Element utilization, as percentages of the license limit for the UplinkBaseBandPool. If two baseband pools are used, the licensed capacity of UL Channel Elements is distributed between the two baseband pools according to	NodeB_ULBasebandPool.pmCapacityUICe_8	Sum

			the parameter NodeBFunction::ulLicFractBPool2. The licensed capacity is not distributed at delayed activation of license key, at emergency unlock, when license key value is 9999, and when license key is invalid/missing.			
pmCapacityUICe_9	ACCUMULATION	INTEGER	The distribution of the UL Channel Element utilization, as percentages of the license limit for the UplinkBaseBandPool. If two baseband pools are used, the licensed capacity of UL Channel Elements is distributed between the two baseband pools according to	NodeB_ULBasebandPool.pmCapacityUICe_9	Sum	

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			<p>the parameter NodeBFunction::ulLicFractBPool2. The licensed capacity is not distributed at delayed activation of license key, at emergency unlock, when license key value is 9999, and when license key is invalid/missing.</p>		
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7.88.3 UpLink_Baseband_Pool.Ericsson.UMTS.PDF_pmHwCePoolEul

pmHwCePoolEul PDF counters

KPI	Type	Data Type	Description	Derivation	Default Aggregator	Other Aggregators
pmHwCePoolEul_0	ACCUMULATION	INTEGER	Counter for the total sum of CEs allocated on the UL hardware. The counter should always apply hardware cost according to the current E-DCH licensed	NodeB_ULBasebandPool. pmHwCePoolEul_0	Sum	

			ladder in the RBS when reporting CE consumption for EUL.			
pmHwCePoolEul_10	ACCUMULATION	INTEGER	Counter for the total sum of CEs allocated on the UL hardware. The counter should always apply hardware cost according to the current E-DCH licensed ladder in the RBS when reporting CE consumption for EUL.	NodeB_ULBasebandPool. pmHwCePoolEul_10	Sum	
pmHwCePoolEul_11	ACCUMULATION	INTEGER	Counter for the total sum of CEs allocated	NodeB_ULBasebandPool. pmHwCePoolEul_11	Sum	

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			<p>on the UL hardware. The counter should always apply hardware cost according to the current E-DCH licensed ladder in the RBS when reporting CE consumption for EUL.</p>		
pmHwCePoolEul_12	ACCUMULATION	INTEGER	<p>Counter for the total sum of CEs allocated on the UL hardware. The counter should always apply hardware cost according to the current E-DCH licensed ladder in the RBS when reporting</p>	NodeB_ULBasebandPool. pmHwCePoolEul_12	Sum

			CE consumption for EUL.			
pmHwCePoolEul_13	ACCUMULATION	INTEGER	Counter for the total sum of CEs allocated on the UL hardware. The counter should always apply hardware cost according to the current E-DCH licensed ladder in the RBS when reporting CE consumption for EUL.	NodeB_ULBasebandPool. pmHwCePoolEul_13	Sum	
pmHwCePoolEul_14	ACCUMULATION	INTEGER	Counter for the total sum of CEs allocated on the UL hardware. The counter	NodeB_ULBasebandPool. pmHwCePoolEul_14	Sum	

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			should always apply hardware cost according to the current E-DCH licensed ladder in the RBS when reporting CE consumption for EUL.		
pmHwCePoolEul_15	ACCUMULATION	INTEGER	Counter for the total sum of CEs allocated on the UL hardware. The counter should always apply hardware cost according to the current E-DCH licensed ladder in the RBS when reporting CE consumption for EUL.	NodeB_ULBasebandPool. pmHwCePoolEul_15	Sum

pmHwCePoolEul_16	ACCUMULATION	INTEGER	Counter for the total sum of CEs allocated on the UL hardware. The counter should always apply hardware cost according to the current E-DCH licensed ladder in the RBS when reporting CE consumption for EUL.	NodeB_ULBasebandPool. pmHwCePoolEul_16	Sum	
pmHwCePoolEul_17	ACCUMULATION	INTEGER	Counter for the total sum of CEs allocated on the UL hardware. The counter should always apply hardware	NodeB_ULBasebandPool. pmHwCePoolEul_17	Sum	

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			cost according to the current E-DCH licensed ladder in the RBS when reporting CE consumption for EUL.			
pmHwCePoolEul_18	ACCUMULATION	INTEGER	Counter for the total sum of CEs allocated on the UL hardware. The counter should always apply hardware cost according to the current E-DCH licensed ladder in the RBS when reporting CE consumption for EUL.	NodeB_ULBasebandPool. pmHwCePoolEul_18	Sum	
pmHwCePoolEul_19	ACCUMULATION	INTEGER	Counter for the total sum of CEs	NodeB_ULBasebandPool. pmHwCePoolEul_19	Sum	

			allocated on the UL hardware. The counter should always apply hardware cost according to the current E-DCH licensed ladder in the RBS when reporting CE consumption for EUL.			
pmHwCePoolEul_1	ACCUMULATION	INTEGER	Counter for the total sum of CEs allocated on the UL hardware. The counter should always apply hardware cost according to the current E-	NodeB_ULBasebandPool. pmHwCePoolEul_1	Sum	

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			DCH licensed ladder in the RBS when reporting CE consumption for EUL.			
pmHwCePoolEul_20	ACCUMULATION	INTEGER	Counter for the total sum of CEs allocated on the UL hardware. The counter should always apply hardware cost according to the current E-DCH licensed ladder in the RBS when reporting CE consumption for EUL.	NodeB_ULBasebandPool. pmHwCePoolEul_20	Sum	
pmHwCePoolEul_21	ACCUMULATION	INTEGER	Counter for the total sum of CEs allocated on the UL hardware. The	NodeB_ULBasebandPool. pmHwCePoolEul_21	Sum	

			counter should always apply hardware cost according to the current E-DCH licensed ladder in the RBS when reporting CE consumption for EUL.			
pmHwCePoolEul_22	ACCUMULATION	INTEGRER	Counter for the total sum of CEs allocated on the UL hardware. The counter should always apply hardware cost according to the current E-DCH licensed ladder in the RBS	NodeB_ULBasebandPool. pmHwCePoolEul_22	Sum	

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			when reporting CE consumption for EUL.			
pmHwCePoolEul_23	ACCUMULATION	INTEGER	Counter for the total sum of CEs allocated on the UL hardware. The counter should always apply hardware cost according to the current E-DCH licensed ladder in the RBS when reporting CE consumption for EUL.	NodeB_ULBasebandPool. pmHwCePoolEul_23	Sum	
pmHwCePoolEul_24	ACCUMULATION	INTEGER	Counter for the total sum of CEs allocated on the UL hardware. The counter should always apply	NodeB_ULBasebandPool. pmHwCePoolEul_24	Sum	

			hardware cost according to the current E-DCH licensed ladder in the RBS when reporting CE consumption for EUL.		
pmHwCePoolEul_25	ACCUMULATION	INTEGER	Counter for the total sum of CEs allocated on the UL hardware. The counter should always apply hardware cost according to the current E-DCH licensed ladder in the RBS when reporting CE consumption	NodeB_ULBasebandPool. pmHwCePoolEul_25	Sum

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			on for EUL.		
pmHwCePoolEul_26	ACCUMULATION	INTEGER	Counter for the total sum of CEs allocated on the UL hardware. The counter should always apply hardware cost according to the current E-DCH licensed ladder in the RBS when reporting CE consumption for EUL.	NodeB_ULBasebandPool. pmHwCePoolEul_26	Sum
pmHwCePoolEul_27	ACCUMULATION	INTEGER	Counter for the total sum of CEs allocated on the UL hardware. The counter should always apply hardware cost according to the	NodeB_ULBasebandPool. pmHwCePoolEul_27	Sum

			current E-DCH licensed ladder in the RBS when reporting CE consumption for EUL.			
pmHwCePoolEul_28	ACCUMULATION	INTEGER	Counter for the total sum of CEs allocated on the UL hardware. The counter should always apply hardware cost according to the current E-DCH licensed ladder in the RBS when reporting CE consumption for EUL.	NodeB_ULBasebandPool. pmHwCePoolEul_28	Sum	
pmHwCePoolEul_29	ACCUMULATION	INTEGER	Counter for the	NodeB_ULBasebandPool. pmHwCePoolEul_29	Sum	

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			total sum of CEs allocated on the UL hardware. The counter should always apply hardware cost according to the current E-DCH licensed ladder in the RBS when reporting CE consumption for EUL.			
pmHwCePoolEul_2	ACCUMULATION	INTEGER	Counter for the total sum of CEs allocated on the UL hardware. The counter should always apply hardware cost according to the current E-DCH licensed ladder in	NodeB_ULBasebandPool. pmHwCePoolEul_2	Sum	

			the RBS when reporting CE consumption for EUL.			
pmHwCePoolEul_30	ACCUMULATION	INTEGER	Counter for the total sum of CEs allocated on the UL hardware. The counter should always apply hardware cost according to the current E-DCH licensed ladder in the RBS when reporting CE consumption for EUL.	NodeB_ULBasebandPool. pmHwCePoolEul_30	Sum	
pmHwCePoolEul_31	ACCUMULATION	INTEGER	Counter for the total sum of CEs allocated on the UL	NodeB_ULBasebandPool. pmHwCePoolEul_31	Sum	

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			hardware. The counter should always apply hardware cost according to the current E-DCH licensed ladder in the RBS when reporting CE consumption for EUL.		
pmHwCePoolEul_32	ACCUMULATION	INTEGRER	Counter for the total sum of CEs allocated on the UL hardware. The counter should always apply hardware cost according to the current E-DCH licensed ladder in the RBS when reporting CE	NodeB_ULBasebandPool. pmHwCePoolEul_32	Sum

			consumption for EUL.			
pmHwCePoolEul_33	ACCUMULATION	INTEGER	Counter for the total sum of CEs allocated on the UL hardware. The counter should always apply hardware cost according to the current E-DCH licensed ladder in the RBS when reporting CE consumption for EUL.	NodeB_ULBasebandPool. pmHwCePoolEul_33	Sum	
pmHwCePoolEul_34	ACCUMULATION	INTEGER	Counter for the total sum of CEs allocated on the UL hardware. The counter should	NodeB_ULBasebandPool. pmHwCePoolEul_34	Sum	

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			always apply hardware cost according to the current E-DCH licensed ladder in the RBS when reporting CE consumption for EUL.			
pmHwCePoolEul_35	ACCUMULATION	INTEGER	Counter for the total sum of CEs allocated on the UL hardware. The counter should always apply hardware cost according to the current E-DCH licensed ladder in the RBS when reporting CE consumption for EUL.	NodeB_ULBasebandPool. pmHwCePoolEul_35	Sum	
pmHwCePool	ACCUMULATION	INTEGER	Counter	NodeB_ULBasebandPool.	Sum	

Eul_36	TION	ER	for the total sum of CEs allocated on the UL hardware. The counter should always apply hardware cost according to the current E-DCH licensed ladder in the RBS when reporting CE consumption for EUL.	pmHwCePoolEul_36		
pmHwCePoolEul_37	ACCUMULATION	INTEGRER	Counter for the total sum of CEs allocated on the UL hardware. The counter should always apply hardware cost	NodeB_ULBasebandPool. pmHwCePoolEul_37	Sum	

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			according to the current E-DCH licensed ladder in the RBS when reporting CE consumption for EUL.		
pmHwCePoolEul_38	ACCUMULATION	INTEGER	Counter for the total sum of CEs allocated on the UL hardware. The counter should always apply hardware cost according to the current E-DCH licensed ladder in the RBS when reporting CE consumption for EUL.	NodeB_ULBasebandPool. pmHwCePoolEul_38	Sum
pmHwCePoolEul_39	ACCUMULATION	INTEGER	Counter for the total sum of CEs allocated	NodeB_ULBasebandPool. pmHwCePoolEul_39	Sum

			on the UL hardware. The counter should always apply hardware cost according to the current E-DCH licensed ladder in the RBS when reporting CE consumption for EUL.		
pmHwCePoolEul_3	ACCUMULATION	INTEGER	Counter for the total sum of CEs allocated on the UL hardware. The counter should always apply hardware cost according to the current E-DCH	NodeB_ULBasebandPool. pmHwCePoolEul_3	Sum

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			licensed ladder in the RBS when reporting CE consumption for EUL.			
pmHwCePoolEul_40	ACCUMULATION	INTEGER	Counter for the total sum of CEs allocated on the UL hardware. The counter should always apply hardware cost according to the current E-DCH licensed ladder in the RBS when reporting CE consumption for EUL.	NodeB_ULBasebandPool. pmHwCePoolEul_40	Sum	
pmHwCePoolEul_41	ACCUMULATION	INTEGER	Counter for the total sum of CEs allocated on the UL hardware. The counter	NodeB_ULBasebandPool. pmHwCePoolEul_41	Sum	

			should always apply hardware cost according to the current E-DCH licensed ladder in the RBS when reporting CE consumption for EUL.			
pmHwCePoolEul_42	ACCUMULATION	INTEGER	Counter for the total sum of CEs allocated on the UL hardware. The counter should always apply hardware cost according to the current E-DCH licensed ladder in the RBS when	NodeB_ULBasebandPool. pmHwCePoolEul_42	Sum	

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			reporting CE consumption for EUL.			
pmHwCePoolEul_43	ACCUMULATION	INTEGER	Counter for the total sum of CEs allocated on the UL hardware. The counter should always apply hardware cost according to the current E-DCH licensed ladder in the RBS when reporting CE consumption for EUL.	NodeB_ULBasebandPool. pmHwCePoolEul_43	Sum	
pmHwCePoolEul_44	ACCUMULATION	INTEGER	Counter for the total sum of CEs allocated on the UL hardware. The counter should always apply hardware	NodeB_ULBasebandPool. pmHwCePoolEul_44	Sum	

			cost according to the current E-DCH licensed ladder in the RBS when reporting CE consumption for EUL.			
pmHwCePoolEul_45	ACCUMULATION	INTEGER	Counter for the total sum of CEs allocated on the UL hardware. The counter should always apply hardware cost according to the current E-DCH licensed ladder in the RBS when reporting CE consumption for	NodeB_ULBasebandPool. pmHwCePoolEul_45	Sum	

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			EUL.		
pmHwCePoolEul_46	ACCUMULATION	INTEGER	Counter for the total sum of CEs allocated on the UL hardware. The counter should always apply hardware cost according to the current E-DCH licensed ladder in the RBS when reporting CE consumption for EUL.	NodeB_ULBasebandPool. pmHwCePoolEul_46	Sum
pmHwCePoolEul_47	ACCUMULATION	INTEGER	Counter for the total sum of CEs allocated on the UL hardware. The counter should always apply hardware cost according to the current E-	NodeB_ULBasebandPool. pmHwCePoolEul_47	Sum

			DCH licensed ladder in the RBS when reporting CE consumption for EUL.		
pmHwCePoolEul_48	ACCUMULATION	INTEGER	Counter for the total sum of CEs allocated on the UL hardware. The counter should always apply hardware cost according to the current E-DCH licensed ladder in the RBS when reporting CE consumption for EUL.	NodeB_ULBasebandPool. pmHwCePoolEul_48	Sum
pmHwCePoolEul_49	ACCUMULATION	INTEGER	Counter for the total sum	NodeB_ULBasebandPool. pmHwCePoolEul_49	Sum

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			of CEs allocated on the UL hardware. The counter should always apply hardware cost according to the current E-DCH licensed ladder in the RBS when reporting CE consumption for EUL.			
pmHwCePoolEul_4	ACCUMULATION	INTEGRER	Counter for the total sum of CEs allocated on the UL hardware. The counter should always apply hardware cost according to the current E-DCH licensed ladder in the RBS	NodeB_ULBasebandPool. pmHwCePoolEul_4	Sum	

			when reporting CE consumption for EUL.			
pmHwCePoolEul_50	ACCUMULATION	INTEGER	Counter for the total sum of CEs allocated on the UL hardware. The counter should always apply hardware cost according to the current E-DCH licensed ladder in the RBS when reporting CE consumption for EUL.	NodeB_ULBasebandPool. pmHwCePoolEul_50	Sum	
pmHwCePoolEul_51	ACCUMULATION	INTEGER	Counter for the total sum of CEs allocated on the UL hardware.	NodeB_ULBasebandPool. pmHwCePoolEul_51	Sum	

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			The counter should always apply hardware cost according to the current E-DCH licensed ladder in the RBS when reporting CE consumption for EUL.		
pmHwCePoolEul_52	ACCUMULATION	INTEGER	Counter for the total sum of CEs allocated on the UL hardware. The counter should always apply hardware cost according to the current E-DCH licensed ladder in the RBS when reporting CE consumption	NodeB_ULBasebandPool. pmHwCePoolEul_52	Sum

			on for EUL.			
pmHwCePoolEul_53	ACCUMULATION	INTEGER	Counter for the total sum of CEs allocated on the UL hardware. The counter should always apply hardware cost according to the current E-DCH licensed ladder in the RBS when reporting CE consumption for EUL.	NodeB_ULBasebandPool. pmHwCePoolEul_53	Sum	
pmHwCePoolEul_54	ACCUMULATION	INTEGER	Counter for the total sum of CEs allocated on the UL hardware. The counter should always	NodeB_ULBasebandPool. pmHwCePoolEul_54	Sum	

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			apply hardware cost according to the current E-DCH licensed ladder in the RBS when reporting CE consumption for EUL.		
pmHwCePoolEul_55	ACCUMULATION	INTEGER	Counter for the total sum of CEs allocated on the UL hardware. The counter should always apply hardware cost according to the current E-DCH licensed ladder in the RBS when reporting CE consumption for EUL.	NodeB_ULBasebandPool. pmHwCePoolEul_55	Sum
pmHwCePoolEul_5	ACCUMULATION	INTEGER	Counter for the	NodeB_ULBasebandPool. pmHwCePoolEul_5	Sum

			total sum of CEs allocated on the UL hardware. The counter should always apply hardware cost according to the current E-DCH licensed ladder in the RBS when reporting CE consumption for EUL.			
pmHwCePoolEul_6	ACCUMULATION	INTEGER	Counter for the total sum of CEs allocated on the UL hardware. The counter should always apply hardware cost according	NodeB_ULBasebandPool. pmHwCePoolEul_6	Sum	

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			to the current E-DCH licensed ladder in the RBS when reporting CE consumption for EUL.			
pmHwCePoolEul_7	ACCUMULATION	INTEGER	Counter for the total sum of CEs allocated on the UL hardware. The counter should always apply hardware cost according to the current E-DCH licensed ladder in the RBS when reporting CE consumption for EUL.	NodeB_ULBasebandPool. pmHwCePoolEul_7	Sum	
pmHwCePoolEul_8	ACCUMULATION	INTEGER	Counter for the total sum of CEs allocated on the UL	NodeB_ULBasebandPool. pmHwCePoolEul_8	Sum	

			hardware. The counter should always apply hardware cost according to the current E-DCH licensed ladder in the RBS when reporting CE consumption for EUL.			
pmHwCePoolEul_9	ACCUMULATION	INTEGER	Counter for the total sum of CEs allocated on the UL hardware. The counter should always apply hardware cost according to the current E-DCH licensed	NodeB_ULBasebandPool. pmHwCePoolEul_9	Sum	

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			ladder in the RBS when reporting CE consumption for EUL.		
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7.89 URA Performance Indicators

This section shows the key performance indicators and other counters for the URA object, divided into the following sub-sections:

- [URA.Ericsson.UMTS.Paging_Counters](#)

7.89.1 URA.Ericsson.UMTS.Paging_Counters

URA update paging statistics.

KPI	Type	Data Type	Description	Derivation	Default Aggregator	Other Aggregators
pmCnInitPagingToUraUe	ACCUMULATION	INTEGER	Number of Cn initiated pages attempted for UEs in URA_PCH state. Increased for every Cn initiated page attempted for UEs in URA_PCH state.	ME_RNC_URA.pmCnInitPagingToUraUe	Sum	erttbh, Sum
pmSamplesRabUra	ACCUMULATION	INTEGER	Number of samples recorded within the ROP period for number	ME_RNC_URA.pmSamplesRabUra	Sum	erttbh, Sum

			of PS Interactive RABs in URA_PCH, sampled once every 30 seconds.Increased or decreased according to the number of samples recorded within the ROP period for number of PS Interactive RABs in URA_PCH, sampled once every 30th second.			
pmSumRabUra	ACCUMULATION	INTEGER	Sum of all sample values recorded for number of PS Interactive RABs in URA_PCH, sampled once every 30 seconds.Increased or	ME_RNC_URA.pmSumRabUra	Sum	erttbh, Sum

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			decreased when measuring the number of PS Interactive RABs in URA_PCH changes, sampled once every 30th second.			
pmUtranInitPagingToUraUe	ACCUMULATION	INTEGER	Number of Utran initiated pages attempted for UEs in URA_PCH state. Increased for every UTRAN initiated page attempted for UEs in URA_PCH state.	ME_RNC_URA.pmUtranInitPagingToUraUe	Sum	erttbh, Sum

7.90 VC12_TP Performance Indicators

This section shows the key performance indicators and other counters for the VC12_TP object, divided into the following sub-sections:

- [VC12_TP.Ericsson.UMTS.Physical_Link](#)

7.90.1 VC12_TP.Ericsson.UMTS.Physical_Link

SDH VC12 termination point physical link statistics.

KPI	Type	Data Type	Description	Derivation	Default Aggregator	Other Aggregators
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pmVcBbe	ACCUMULATION	INTEGER	Transmission Background Block Errors (BBE).Number of errored blocks not being part of a SES.	RNC_VC12.pmVcBbe or NODEB_VC12.pmVcBbe or RXI_VC12.pmVcBbe	Sum	erttbh, Sum
pmVcEs	ACCUMULATION	INT8	Number of errored seconds.	RNC_VC12.pmVcEs or NODEB_VC12.pmVcEs or RXI_VC12.pmVcEs	Sum	erttbh, Sum
pmVcSes	ACCUMULATION	INT8	Number of severely errored seconds.	RNC_VC12.pmVcSes or NODEB_VC12.pmVcSes or RXI_VC12.pmVcSes	Sum	erttbh, Sum
pmVcUas	ACCUMULATION	INTEGER	Transmission Unavailable Seconds (UAS). The accumulated unavailable time in seconds during the interval. Unavailable time starts when 10 consecutive Severely Errored Seconds (SES) are detected (them being part of the unavailable time) and ends when 10	RNC_VC12.pmVcUas or NODEB_VC12.pmVcUas or RXI_VC12.pmVcUas	Sum	erttbh, Sum

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			consecutive non SES are detected.		
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7.91 VC4_TP Performance Indicators

This section shows the key performance indicators and other counters for the VC4_TP object, divided into the following sub-sections:

- [VC4_TP.Ericsson.UMTS.Physical_Link](#)

7.91.1 VC4_TP.Ericsson.UMTS.Physical_Link

SDH VC4 termination point physical link statistics.

KPI	Type	Data Type	Description	Derivation	Default Aggregator	Other Aggregators
pmVcBbe	ACCUMULATION	INTEGER	Transmission Background Block Errors (BBE).Number of errored blocks not being part of a SES.	RNC_VC4.pmVcBbe or NODEB_VC4.pmVcBbe or RXI_VC4.pmVcBbe	Sum	erttbh, Sum
pmVcEs	ACCUMULATION	INT8	Number of errored seconds.	RNC_VC4.pmVcEs or NODEB_VC4.pmVcEs or RXI_VC4.pmVcEs	Sum	erttbh, Sum
pmVcSes	ACCUMULATION	INT8	Number of severely errored seconds.	RNC_VC4.pmVcSes or NODEB_VC4.pmVcSes or RXI_VC4.pmVcSes	Sum	erttbh, Sum
pmVcUas	ACCUMULATION	INTEGER	Transmission Unavailable Seconds (UAS). The accumulated unavailable time	RNC_VC4.pmVcUas or NODEB_VC4.pmVcUas or RXI_VC4.pmVcUas	Sum	erttbh, Sum

			<p>in seconds during the interval. Unavailable time starts when 10 consecutive Severely Errored Seconds (SES) are detected (them being part of the unavailable time) and ends when 10 consecutive non SES are detected.</p>			
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7.92 VCL_TP Performance Indicators

This section shows the key performance indicators and other counters for the VCL_TP object, divided into the following sub-sections:

- [VCL_TP.Ericsson.UMTS.ATM](#)
- [VCL_TP.Ericsson.UMTS.PDF_pmBwUtilizationRx](#)
- [VCL_TP.Ericsson.UMTS.PDF_pmBwUtilizationTx](#)

7.92.1 VCL_TP.Ericsson.UMTS.ATM

UTRAN ATM link.

KPI	Type	Data Type	Description	Derivation	Default Aggregator	Other Aggregators
%_VCL_Utilization_Egress	PERCENTAGE	FLOAT	When more details are needed utilization at the VC level between	100 * {pmTransmittedAtmCells} / ({EgressAtmPcr} * 15 * 60)	Average	Average, eatmrhb, eatmtbh

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			nodes can be performed.			
Block_size	INTENSITY	INT8	AAL2VCL Block Size.	RNC_Virtual_Channel_Link.Block_Size or NODEB_Virtual_Channel_Link.Block_Size or RXI_Virtual_Channel_Link.Block_Size	Average	Average, eatmrhb, eatmtbh, Maximum, Minimum, Sum
EgressAtmPcr	INTENSITY	INT8	ATM Traffic Descriptor ID.	RNC_Virtual_Channel_Link.EgressAtmPcr or NODEB_Virtual_Channel_Link.EgressAtmPcr or RXI_Virtual_Channel_Link.EgressAtmPcr	Average	Average, eatmrhb, eatmtbh, Maximum, Minimum, Sum
NoOfBlocks_AaL2VCL	PERCENTAGE	FLOAT	Number of AAL2 Blocks.	$100 * (\{pmReceivedAtmCells\} + \{pmTransmittedAtmCells\}) / \{Block_size\}$	Average	Average, eatmrhb, eatmtbh
pmBwUtilizationRx_Avg	INTENSITY	FLOAT	The counter shows the average utilization of the virtual connection in the receiving direction represented by a histogram, consisting of a list of 21 numbers. The first number is Peak Cell Rate (PCR)	RNC_Virtual_Channel_Link.pmBwUtilizationRx_Avg or NODEB_Virtual_Channel_Link.pmBwUtilizationRx_Avg or RXI_Virtual_Channel_Link.pmBwUtilizationRx_Avg	Average	Average, eatmrhb, eatmtbh, Maximum, Minimum, Sum

			and the next 20 numbers are different load ranges (range counters) for the VclTp MO. The load is sampled every 10s and depending on the sampled value, the corresponding range counter is increased.			
pmBwUtilizationRx_Max	INTENSITY	FLOAT	The counter shows the maximum utilization of the virtual connection in the receiving direction represented by a histogram, consisting of a list of 21 numbers. The first number is Peak Cell Rate (PCR)	RNC_Virtual_Channel_Link.pmBwUtilizationRx_Max or NODEB_Virtual_Channel_Link.pmBwUtilizationRx_Max or RXI_Virtual_Channel_Link.pmBwUtilizationRx_Max	Constant	Average, eatmrhb, eatmtbh, Maximum, Minimum, Sum

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			and the next 20 numbers are different load ranges (range counters) for the VclTp MO. The load is sampled every 10s and depending on the sampled value, the corresponding range counter is increased.			
pmBwUtilizationRx_Min	INTENSITY	FLO AT	The counter shows the minimum utilization of the virtual connection in the receiving direction represented by a histogram, consisting of a list of 21 numbers. The first number is Peak Cell Rate (PCR) and the next 20 numbers are different load ranges (range	RNC_Virtual_Channel_Link.pmBwUtilizationRx_Min or NODEB_Virtual_Channel_Link.pmBwUtilizationRx_Min or RXI_Virtual_Channel_Link.pmBwUtilizationRx_Min	Minimum	Average, eatmrhb, eatmtbh, Maximum, Minimum, Sum

			counters) for the VclTp MO. The load is sampled every 10s and depending on the sampled value, the corresponding range counter is increased.		
pmBwUtilizationRx_PCR	INTENSITY	FLOAT	The counter shows the PCR of the virtual connection in the receiving direction	RNC_Virtual_Channel_Link.pmBwUtilizationRx_PCR or NODEB_Virtual_Channel_Link.pmBwUtilizationRx_PCR or RXI_Virtual_Channel_Link.pmBwUtilizationRx_PCR	Average, eatmrbh, eatmtbh, Maximum, Minimum, Sum
pmBwUtilizationTx_Avg	INTENSITY	FLOAT	The counter shows the average utilization of the virtual connection in the transmitting direction represented by a histogram, consisting of a list of 21 numbers,	RNC_Virtual_Channel_Link.pmBwUtilizationTx_Avg or NODEB_Virtual_Channel_Link.pmBwUtilizationTx_Avg or RXI_Virtual_Channel_Link.pmBwUtilizationTx_Avg	Average, eatmrbh, eatmtbh, Maximum, Minimum, Sum

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			<p>indexed from zero. The first number is Peak Cell Rate (PCR) and the next 20 numbers are different load ranges (range counters) for the VclTp MO. The load is sampled every 10s and depending on the sampled value, the corresponding range counter is increased.</p>		
pmBwUtilizationTx_Max	INTENSITY	FLOAT	<p>The counter shows the maximum utilization of the virtual connection in the transmitting direction represented by a histogram, consisting of a list of 21 numbers, indexed from zero. The first</p>	<p>RNC_Virtual_Channel_Link.pmBwUtilizationTx_Max or NODEB_Virtual_Channel_Link.pmBwUtilizationTx_Max or RXI_Virtual_Channel_Link.pmBwUtilizationTx_Max</p>	<p>Constant</p> <p>Average, eatmrhb, eatmtbh, Maximum, Minimum, Sum</p>

			number is Peak Cell Rate (PCR) and the next 20 numbers are different load ranges (range counters) for the VclTp MO. The load is sampled every 10s and depending on the sampled value, the corresponding range counter is increased.			
pmBwUtilizationTx_Min	INTENSITY	FLO AT	The counter shows the minimum utilization of the virtual connection in the transmitting direction represented by a histogram, consisting of a list of 21 numbers, indexed	RNC_Virtual_Channel_Link.pmBwUtilizationTx_Min or NODEB_Virtual_Channel_Link.pmBwUtilizationTx_Min or RXI_Virtual_Channel_Link.pmBwUtilizationTx_Min	Minimum	Average, eatmrhb, eatmtbh, Maximum, Minimum, Sum

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			from zero. The first number is Peak Cell Rate (PCR) and the next 20 numbers are different load ranges (range counters) for the VclTp MO. The load is sampled every 10s and depending on the sampled value, the corresponding range counter is increased.		
pmBwUtilizationTx_PCR	INTENSITY	FLOAT	The counter shows the PCR of the virtual connection in the transmitting direction.	RNC_Virtual_Channel_Link.pmBwUtilizationTx_PCR or NODEB_Virtual_Channel_Link.pmBwUtilizationTx_PCR or RXI_Virtual_Channel_Link.pmBwUtilizationTx_PCR	Average, eatmrhb, eatmtbh, Maximum, Minimum, Sum
pmReceivedAtmCells	ACCUMULATION	INT8	Number of received ATM cells through the ATM port.	RNC_Virtual_Channel_Link.pmReceivedAtmCells or NODEB_Virtual_Channel_Link.pmReceivedAtmCells or RXI_Virtual_Channel_Link.pmReceivedAtmCells	Sum, eatmrhb, eatmtbh, Sum
pmTransmittedAt	ACCUMULATION	INT8	Number of	RNC_Virtual_Channel	Sum, eatmrhb,

mCells	TION		transmitted ATM cells through the ATM port.	l_Link.pmTransmittedAtmCells or NODEB_Virtual_Channel_Link.pmTransmittedAtmCells or RXI_Virtual_Channel_Link.pmTransmittedAtmCells		eatmtbh, Sum
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7.92.2 VCL_TP.Ericsson.UMTS.PDF_pmBwUtilizationRx

pmBwUtilizationRx PDF counters

KPI	Type	Data Type	Description	Derivation	Default Aggregator	Other Aggregators
pmBwUtilizationRx_0	ACCUMULATION	INTEGER	The counter shows the utilization of the virtual connection in the receiving direction represented by a histogram, consisting of a list of 21 numbers. The first number is Peak Cell Rate (PCR) and the next 20 numbers are different load ranges (range counters) for the VclTp	RNC_Virtual_Channel_Link.pmBwUtilizationRx_0 or NODEB_Virtual_Channel_Link.pmBwUtilizationRx_0 or RXI_Virtual_Channel_Link.pmBwUtilizationRx_0	Sum	

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			MO. The load is sampled every 10s and depending on the sampled value, the corresponding range counter is increased.			
pmBwUtilizationRx_10	ACCUMULATION	INTEGRER	The counter shows the utilization of the virtual connection in the receiving direction represented by a histogram, consisting of a list of 21 numbers. The first number is Peak Cell Rate (PCR) and the next 20 numbers are different load ranges (range counters) for the VclTp MO. The load is sampled every 10s and depending on the sampled value, the correspondin	RNC_Virtual_Channel_Link.pmBwUtilizationRx_10 or NODEB_Virtual_Channel_Link.pmBwUtilizationRx_10 or RXI_Virtual_Channel_Link.pmBwUtilizationRx_10	Sum	

			g range counter is increased.			
pmBwUtilizationRx_11	ACCUMULATION	INTEGER	The counter shows the utilization of the virtual connection in the receiving direction represented by a histogram, consisting of a list of 21 numbers. The first number is Peak Cell Rate (PCR) and the next 20 numbers are different load ranges (range counters) for the VclTpmO. The load is sampled every 10s and depending on the sampled value, the corresponding range counter is increased.	RNC_Virtual_Channel_Link.pmBwUtilizationRx_11 or NODEB_Virtual_Channel_Link.pmBwUtilizationRx_11 or RXI_Virtual_Channel_Link.pmBwUtilizationRx_11	Sum	
pmBwUtilization	ACCUMULATION	INTEGER	The counter	RNC_Virtual_Channel	Sum	

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Rx_12	TION	ER	<p>shows the utilization of the virtual connection in the receiving direction represented by a histogram, consisting of a list of 21 numbers. The first number is Peak Cell Rate (PCR) and the next 20 numbers are different load ranges (range counters) for the VclTp MO. The load is sampled every 10s and depending on the sampled value, the corresponding range counter is increased.</p>	<p>el_Link.pmBwUtilizationRx_12 or NODEB_Virtual_Channel_Link.pmBwUtilizationRx_12 or RXI_Virtual_Channel_Link.pmBwUtilizationRx_12</p>		
pmBwUtilizationRx_13	ACCUMULATION	INTEGRER	<p>The counter shows the utilization of the virtual connection in the receiving direction represented by a histogram,</p>	<p>RNC_Virtual_Channel_Link.pmBwUtilizationRx_13 or NODEB_Virtual_Channel_Link.pmBwUtilizationRx_13 or RXI_Virtual_Channel_Link.pmBwUtilizationRx_13</p>	Sum	

			<p>consisting of a list of 21 numbers. The first number is Peak Cell Rate (PCR) and the next 20 numbers are different load ranges (range counters) for the VclTp MO. The load is sampled every 10s and depending on the sampled value, the corresponding range counter is increased.</p>			
pmBwUtilizationRx_14	ACCUMULATION	INTEGER	<p>The counter shows the utilization of the virtual connection in the receiving direction represented by a histogram, consisting of a list of 21 numbers. The first</p>	<p>RNC_Virtual_Channel_Link.pmBwUtilizationRx_14 or NODEB_Virtual_Channel_Link.pmBwUtilizationRx_14 or RXI_Virtual_Channel_Link.pmBwUtilizationRx_14</p>	Sum	

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			<p>number is Peak Cell Rate (PCR) and the next 20 numbers are different load ranges (range counters) for the VclTp MO. The load is sampled every 10s and depending on the sampled value, the corresponding range counter is increased.</p>		
pmBwUtilizationRx_15	ACCUMULATION	INTEGRER	<p>The counter shows the utilization of the virtual connection in the receiving direction represented by a histogram, consisting of a list of 21 numbers. The first number is Peak Cell Rate (PCR) and the next 20 numbers are different load ranges (range counters) for</p>	<p>RNC_Virtual_Channel_Link.pmBwUtilizationRx_15 or NODEB_Virtual_Channel_Link.pmBwUtilizationRx_15 or RXI_Virtual_Channel_Link.pmBwUtilizationRx_15</p>	Sum

			the VclTp MO. The load is sampled every 10s and depending on the sampled value, the corresponding range counter is increased.			
pmBwUtilizationRx_16	ACCUMULATION	INTEGER	The counter shows the utilization of the virtual connection in the receiving direction represented by a histogram, consisting of a list of 21 numbers. The first number is Peak Cell Rate (PCR) and the next 20 numbers are different load ranges (range counters) for the VclTp MO. The load is sampled	RNC_Virtual_Channel_Link.pmBwUtilizationRx_16 or NODEB_Virtual_Channel_Link.pmBwUtilizationRx_16 or RXI_Virtual_Channel_Link.pmBwUtilizationRx_16	Sum	

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			every 10s and depending on the sampled value, the corresponding range counter is increased.		
pmBwUtilizationRx_17	ACCUMULATION	INTEGER	<p>The counter shows the utilization of the virtual connection in the receiving direction represented by a histogram, consisting of a list of 21 numbers. The first number is Peak Cell Rate (PCR) and the next 20 numbers are different load ranges (range counters) for the VclTp MO. The load is sampled every 10s and depending on the sampled value, the corresponding range counter is increased.</p>	RNC_Virtual_Channel_Link.pmBwUtilizationRx_17 or NODEB_Virtual_Channel_Link.pmBwUtilizationRx_17 or RXI_Virtual_Channel_Link.pmBwUtilizationRx_17	Sum

pmBwUtilizationRx_18	ACCUMULATION	INTEGER	<p>The counter shows the utilization of the virtual connection in the receiving direction represented by a histogram, consisting of a list of 21 numbers. The first number is Peak Cell Rate (PCR) and the next 20 numbers are different load ranges (range counters) for the VclTpMO. The load is sampled every 10s and depending on the sampled value, the corresponding range counter is increased.</p>	RNC_Virtual_Channel_Link.pmBwUtilizationRx_18 or NODEB_Virtual_Channel_Link.pmBwUtilizationRx_18 or RXI_Virtual_Channel_Link.pmBwUtilizationRx_18	Sum	
pmBwUtilizationRx_19	ACCUMULATION	INTEGER	<p>The counter shows the utilization of the virtual</p>	RNC_Virtual_Channel_Link.pmBwUtilizationRx_19 or NODEB_Virtual_Ch	Sum	

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			<p>connection in the receiving direction represented by a histogram, consisting of a list of 21 numbers. The first number is Peak Cell Rate (PCR) and the next 20 numbers are different load ranges (range counters) for the VclTp MO. The load is sampled every 10s and depending on the sampled value, the corresponding range counter is increased.</p>	<p>annel_Link.pmBwUtilizationRx_19 or RXI_Virtual_Channel_Link.pmBwUtilizationRx_19</p>		
pmBwUtilizationRx_1	ACCUMULATION	INTEGER	<p>The counter shows the utilization of the virtual connection in the receiving direction represented by a histogram, consisting of a list of 21 numbers.</p>	<p>RNC_Virtual_Channel_Link.pmBwUtilizationRx_1 or NODEB_Virtual_Channel_Link.pmBwUtilizationRx_1 or RXI_Virtual_Channel_Link.pmBwUtilizationRx_1</p>	Sum	

			The first number is Peak Cell Rate (PCR) and the next 20 numbers are different load ranges (range counters) for the VclTp MO. The load is sampled every 10s and depending on the sampled value, the corresponding range counter is increased.			
pmBwUtilizationRx_20	ACCUMULATION	INTEGER	The counter shows the utilization of the virtual connection in the receiving direction represented by a histogram, consisting of a list of 21 numbers. The first number is Peak Cell Rate (PCR)	RNC_Virtual_Channel_Link.pmBwUtilizationRx_20 or NODEB_Virtual_Channel_Link.pmBwUtilizationRx_20 or RXI_Virtual_Channel_Link.pmBwUtilizationRx_20	Sum	

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			and the next 20 numbers are different load ranges (range counters) for the VclTp MO. The load is sampled every 10s and depending on the sampled value, the corresponding range counter is increased.		
pmBwUtilizationRx_2	ACCUMULATION	INTEGRER	The counter shows the utilization of the virtual connection in the receiving direction represented by a histogram, consisting of a list of 21 numbers. The first number is Peak Cell Rate (PCR) and the next 20 numbers are different load ranges (range counters) for the VclTp MO. The load is	RNC_Virtual_Channel_Link.pmBwUtilizationRx_2 or NODEB_Virtual_Channel_Link.pmBwUtilizationRx_2 or RXI_Virtual_Channel_Link.pmBwUtilizationRx_2	Sum

			sampled every 10s and depending on the sampled value, the corresponding range counter is increased.			
pmBwUtilizationRx_3	ACCUMULATION	INTEGER	The counter shows the utilization of the virtual connection in the receiving direction represented by a histogram, consisting of a list of 21 numbers. The first number is Peak Cell Rate (PCR) and the next 20 numbers are different load ranges (range counters) for the VclTpMO. The load is sampled every 10s and depending on	RNC_Virtual_Channel_Link.pmBwUtilizationRx_3 or NODEB_Virtual_Channel_Link.pmBwUtilizationRx_3 or RXI_Virtual_Channel_Link.pmBwUtilizationRx_3	Sum	

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			the sampled value, the corresponding range counter is increased.		
pmBwUtilizationRx_4	ACCUMULATION	INTEGER	<p>The counter shows the utilization of the virtual connection in the receiving direction represented by a histogram, consisting of a list of 21 numbers. The first number is Peak Cell Rate (PCR) and the next 20 numbers are different load ranges (range counters) for the VclTp MO. The load is sampled every 10s and depending on the sampled value, the corresponding range counter is increased.</p>	RNC_Virtual_Channel_Link.pmBwUtilizationRx_4 or NODEB_Virtual_Channel_Link.pmBwUtilizationRx_4 or RXI_Virtual_Channel_Link.pmBwUtilizationRx_4	Sum
pmBwUtilizationRx_5	ACCUMULATION	INTEGER	The counter shows the utilization of	RNC_Virtual_Channel_Link.pmBwUtilizationRx_5 or	Sum

			<p>the virtual connection in the receiving direction represented by a histogram, consisting of a list of 21 numbers. The first number is Peak Cell Rate (PCR) and the next 20 numbers are different load ranges (range counters) for the VclTp MO. The load is sampled every 10s and depending on the sampled value, the corresponding range counter is increased.</p>	<p>NODEB_Virtual_Channel_Link.pmBwUtilizationRx_5 or RXI_Virtual_Channel_Link.pmBwUtilizationRx_5</p>		
pmBwUtilizationRx_6	ACCUMULATION	INTEGER	<p>The counter shows the utilization of the virtual connection in the receiving direction</p>	<p>RNC_Virtual_Channel_Link.pmBwUtilizationRx_6 or NODEB_Virtual_Channel_Link.pmBwUtilizationRx_6 or RXI_Virtual_Channel_Link.pmBwUtilizationRx_6</p>	Sum	

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			<p>represented by a histogram, consisting of a list of 21 numbers. The first number is Peak Cell Rate (PCR) and the next 20 numbers are different load ranges (range counters) for the VclTp MO. The load is sampled every 10s and depending on the sampled value, the corresponding range counter is increased.</p>	l_Link.pmBwUtilizationRx_6		
pmBwUtilizationRx_7	ACCUMULATION	INTEGER	<p>The counter shows the utilization of the virtual connection in the receiving direction represented by a histogram, consisting of a list of 21 numbers. The first number is Peak Cell</p>	RNC_Virtual_Channel_Link.pmBwUtilizationRx_7 or NODEB_Virtual_Channel_Link.pmBwUtilizationRx_7 or RXI_Virtual_Channel_Link.pmBwUtilizationRx_7	Sum	

			Rate (PCR) and the next 20 numbers are different load ranges (range counters) for the VclTp MO. The load is sampled every 10s and depending on the sampled value, the corresponding range counter is increased.		
pmBwUtilizationRx_8	ACCUMULATION	INTEGER	The counter shows the utilization of the virtual connection in the receiving direction represented by a histogram, consisting of a list of 21 numbers. The first number is Peak Cell Rate (PCR) and the next 20 numbers are different	RNC_Virtual_Channel_Link.pmBwUtilizationRx_8 or NODEB_Virtual_Channel_Link.pmBwUtilizationRx_8 or RXI_Virtual_Channel_Link.pmBwUtilizationRx_8	Sum

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			load ranges (range counters) for the VclTp MO. The load is sampled every 10s and depending on the sampled value, the corresponding range counter is increased.		
pmBwUtilizationRx_9	ACCUMULATION	INTEGER	The counter shows the utilization of the virtual connection in the receiving direction represented by a histogram, consisting of a list of 21 numbers. The first number is Peak Cell Rate (PCR) and the next 20 numbers are different load ranges (range counters) for the VclTp MO. The load is sampled every 10s and	RNC_Virtual_Channel_Link.pmBwUtilizationRx_9 or NODEB_Virtual_Channel_Link.pmBwUtilizationRx_9 or RXI_Virtual_Channel_Link.pmBwUtilizationRx_9	Sum

			depending on the sampled value, the corresponding range counter is increased.		
--	--	--	---	--	--

7.92.3 VCL_TP.Ericsson.UMTS.PDF_pmBwUtilizationTx

pmBwUtilizationTx PDF counters

KPI	Type	Data Type	Description	Derivation	Default Aggregator	Other Aggregators
pmBwUtilizationTx_0	ACCUMULATION	INTEGER	The counter shows the utilization of the virtual connection in the transmitting direction represented by a histogram, consisting of a list of 21 numbers, indexed from zero. The first number is Peak Cell Rate (PCR) and the next 20 numbers are different load ranges (range counters) for	RNC_Virtual_Channel_Link.pmBwUtilizationTx_0 or NODEB_Virtual_Channel_Link.pmBwUtilizationTx_0 or RXI_Virtual_Channel_Link.pmBwUtilizationTx_0	Sum	

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			the VclTp MO. The load is sampled every 10s and depending on the sampled value, the corresponding range counter is increased.		
pmBwUtilizationTx_10	ACCUMULATION	INTEGR	The counter shows the utilization of the virtual connection in the transmitting direction represented by a histogram, consisting of a list of 21 numbers, indexed from zero. The first number is Peak Cell Rate (PCR) and the next 20 numbers are different load ranges (range counters) for the VclTp MO. The load is sampled every 10s and depending on	RNC_Virtual_Channel_Link.pmBwUtilizationTx_10 or NODEB_Virtual_Channel_Link.pmBwUtilizationTx_10 or RXI_Virtual_Channel_Link.pmBwUtilizationTx_10	Sum

			the sampled value, the corresponding range counter is increased.			
pmBwUtilizationTx_11	ACCUMULATION	INTEGER	The counter shows the utilization of the virtual connection in the transmitting direction represented by a histogram, consisting of a list of 21 numbers, indexed from zero. The first number is Peak Cell Rate (PCR) and the next 20 numbers are different load ranges (range counters) for the VclTp MO. The load is sampled every 10s and depending on the sampled value, the	RNC_Virtual_Channel_Link.pmBwUtilizationTx_11 or NODEB_Virtual_Channel_Link.pmBwUtilizationTx_11 or RXI_Virtual_Channel_Link.pmBwUtilizationTx_11	Sum	

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			correspondin g range counter is increased.		
pmBwUtilization Tx_12	ACCUMULA TION	INTEG ER	The counter shows the utilization of the virtual connection in the transmitting direction represented by a histogram, consisting of a list of 21 numbers, indexed from zero. The first number is Peak Cell Rate (PCR) and the next 20 numbers are different load ranges (range counters) for the VclTp MO. The load is sampled every 10s and depending on the sampled value, the correspondin g range counter is increased.	RNC_Virtual_Chann el_Link.pmBwUtiliz ationTx_12 or NODEB_Virtual_Ch annel_Link.pmBwUt ilizationTx_12 or RXI_Virtual_Channe l_Link.pmBwUtilizat ionTx_12	Sum
pmBwUtilization Tx_13	ACCUMULA TION	INTEG ER	The counter shows the utilization of	RNC_Virtual_Chann el_Link.pmBwUtiliz ationTx_13 or	Sum

			<p>the virtual connection in the transmitting direction represented by a histogram, consisting of a list of 21 numbers, indexed from zero. The first number is Peak Cell Rate (PCR) and the next 20 numbers are different load ranges (range counters) for the VclTp MO. The load is sampled every 10s and depending on the sampled value, the corresponding range counter is increased.</p>	<p>NODEB_Virtual_Channel_Link.pmBwUtilizationTx_13 or RXI_Virtual_Channel_Link.pmBwUtilizationTx_13</p>		
pmBwUtilizationTx_14	ACCUMULATION	INTEGER	<p>The counter shows the utilization of the virtual connection in</p>	<p>RNC_Virtual_Channel_Link.pmBwUtilizationTx_14 or NODEB_Virtual_Channel_Link.pmBwUt</p>	Sum	

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			<p>the transmitting direction represented by a histogram, consisting of a list of 21 numbers, indexed from zero. The first number is Peak Cell Rate (PCR) and the next 20 numbers are different load ranges (range counters) for the VclTp MO. The load is sampled every 10s and depending on the sampled value, the corresponding range counter is increased.</p>	<p>ilizationTx_14 or RXI_Virtual_Channel_Link.pmBwUtilizationTx_14</p>		
pmBwUtilizationTx_15	ACCUMULATION	INTEGER	<p>The counter shows the utilization of the virtual connection in the transmitting direction represented by a histogram, consisting of</p>	<p>RNC_Virtual_Channel_Link.pmBwUtilizationTx_15 or NODEB_Virtual_Channel_Link.pmBwUtilizationTx_15 or RXI_Virtual_Channel_Link.pmBwUtilizationTx_15</p>	Sum	

			<p>a list of 21 numbers, indexed from zero. The first number is Peak Cell Rate (PCR) and the next 20 numbers are different load ranges (range counters) for the VclTp MO. The load is sampled every 10s and depending on the sampled value, the corresponding range counter is increased.</p>			
pmBwUtilizationTx_16	ACCUMULATION	INTEGER	<p>The counter shows the utilization of the virtual connection in the transmitting direction represented by a histogram, consisting of a list of 21 numbers,</p>	<p>RNC_Virtual_Channel_Link.pmBwUtilizationTx_16 or NODEB_Virtual_Channel_Link.pmBwUtilizationTx_16 or RXI_Virtual_Channel_Link.pmBwUtilizationTx_16</p>	Sum	

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			indexed from zero. The first number is Peak Cell Rate (PCR) and the next 20 numbers are different load ranges (range counters) for the VclTp MO. The load is sampled every 10s and depending on the sampled value, the corresponding range counter is increased.		
pmBwUtilizationTx_17	ACCUMULATION	INTEGER	The counter shows the utilization of the virtual connection in the transmitting direction represented by a histogram, consisting of a list of 21 numbers, indexed from zero. The first number is Peak Cell Rate (PCR) and the next 20 numbers	RNC_Virtual_Channel_Link.pmBwUtilizationTx_17 or NODEB_Virtual_Channel_Link.pmBwUtilizationTx_17 or RXI_Virtual_Channel_Link.pmBwUtilizationTx_17	Sum

			are different load ranges (range counters) for the VclTp MO. The load is sampled every 10s and depending on the sampled value, the corresponding range counter is increased.		
pmBwUtilizationTx_18	ACCUMULATION	INTEGRER	The counter shows the utilization of the virtual connection in the transmitting direction represented by a histogram, consisting of a list of 21 numbers, indexed from zero. The first number is Peak Cell Rate (PCR) and the next 20 numbers are different load ranges	RNC_Virtual_Channel_Link.pmBwUtilizationTx_18 or NODEB_Virtual_Channel_Link.pmBwUtilizationTx_18 or RXI_Virtual_Channel_Link.pmBwUtilizationTx_18	Sum

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			(range counters) for the VclTp MO. The load is sampled every 10s and depending on the sampled value, the corresponding range counter is increased.		
pmBwUtilizationTx_19	ACCUMULATION	INTEGRER	The counter shows the utilization of the virtual connection in the transmitting direction represented by a histogram, consisting of a list of 21 numbers, indexed from zero. The first number is Peak Cell Rate (PCR) and the next 20 numbers are different load ranges (range counters) for the VclTp MO. The load is sampled every 10s	RNC_Virtual_Channel_Link.pmBwUtilizationTx_19 or NODEB_Virtual_Channel_Link.pmBwUtilizationTx_19 or RXI_Virtual_Channel_Link.pmBwUtilizationTx_19	Sum

			and depending on the sampled value, the corresponding range counter is increased.		
pmBwUtilizationTx_1	ACCUMULATION	INTEGER	The counter shows the utilization of the virtual connection in the transmitting direction represented by a histogram, consisting of a list of 21 numbers, indexed from zero. The first number is Peak Cell Rate (PCR) and the next 20 numbers are different load ranges (range counters) for the VclTp MO. The load is sampled every 10s and depending on	RNC_Virtual_Channel_Link.pmBwUtilizationTx_1 or NODEB_Virtual_Channel_Link.pmBwUtilizationTx_1 or RXI_Virtual_Channel_Link.pmBwUtilizationTx_1	Sum

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			the sampled value, the corresponding range counter is increased.			
pmBwUtilizationTx_20	ACCUMULATION	INTEGER	The counter shows the utilization of the virtual connection in the transmitting direction represented by a histogram, consisting of a list of 21 numbers, indexed from zero. The first number is Peak Cell Rate (PCR) and the next 20 numbers are different load ranges (range counters) for the VclTpmO. The load is sampled every 10s and depending on the sampled value, the corresponding range counter is increased.	RNC_Virtual_Channel_Link.pmBwUtilizationTx_20 or NODEB_Virtual_Channel_Link.pmBwUtilizationTx_20 or RXI_Virtual_Channel_Link.pmBwUtilizationTx_20	Sum	
pmBwUtilization	ACCUMULATION	INTEGER	The counter	RNC_Virtual_Channel	Sum	

Tx_2	TION	ER	shows the utilization of the virtual connection in the transmitting direction represented by a histogram, consisting of a list of 21 numbers, indexed from zero. The first number is Peak Cell Rate (PCR) and the next 20 numbers are different load ranges (range counters) for the VclTp MO. The load is sampled every 10s and depending on the sampled value, the corresponding range counter is increased.	el_Link.pmBwUtilizationTx_2 or NODEB_Virtual_Channel_Link.pmBwUtilizationTx_2 or RXI_Virtual_Channel_Link.pmBwUtilizationTx_2		
pmBwUtilizationTx_3	ACCUMULATION	INTEGRER	The counter shows the utilization of	RNC_Virtual_Channel_Link.pmBwUtilizationTx_3 or	Sum	

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			<p>the virtual connection in the transmitting direction represented by a histogram, consisting of a list of 21 numbers, indexed from zero. The first number is Peak Cell Rate (PCR) and the next 20 numbers are different load ranges (range counters) for the VclTp MO. The load is sampled every 10s and depending on the sampled value, the corresponding range counter is increased.</p>	<p>NODEB_Virtual_Channel_Link.pmBwUtilizationTx_3 or RXI_Virtual_Channel_Link.pmBwUtilizationTx_3</p>		
pmBwUtilizationTx_4	ACCUMULATION	INTEGER	<p>The counter shows the utilization of the virtual connection in the transmitting direction represented by a</p>	<p>RNC_Virtual_Channel_Link.pmBwUtilizationTx_4 or NODEB_Virtual_Channel_Link.pmBwUtilizationTx_4 or RXI_Virtual_Channel_Link.pmBwUtilizationTx_4</p>	Sum	

			<p>histogram, consisting of a list of 21 numbers, indexed from zero. The first number is Peak Cell Rate (PCR) and the next 20 numbers are different load ranges (range counters) for the VclTp MO. The load is sampled every 10s and depending on the sampled value, the corresponding range counter is increased.</p>		
pmBwUtilizationTx_5	ACCUMULATION	INTEGER	<p>The counter shows the utilization of the virtual connection in the transmitting direction represented by a histogram, consisting of</p>	<p>RNC_Virtual_Channel_Link.pmBwUtilizationTx_5 or NODEB_Virtual_Channel_Link.pmBwUtilizationTx_5 or RXI_Virtual_Channel_Link.pmBwUtilizationTx_5</p>	Sum

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			<p>a list of 21 numbers, indexed from zero. The first number is Peak Cell Rate (PCR) and the next 20 numbers are different load ranges (range counters) for the VclTp MO. The load is sampled every 10s and depending on the sampled value, the corresponding range counter is increased.</p>		
pmBwUtilizationTx_6	ACCUMULATION	INTEGRER	<p>The counter shows the utilization of the virtual connection in the transmitting direction represented by a histogram, consisting of a list of 21 numbers, indexed from zero. The first number is Peak Cell Rate (PCR)</p>	<p>RNC_Virtual_Channel_Link.pmBwUtilizationTx_6 or NODEB_Virtual_Channel_Link.pmBwUtilizationTx_6 or RXI_Virtual_Channel_Link.pmBwUtilizationTx_6</p>	Sum

			and the next 20 numbers are different load ranges (range counters) for the VclTp MO. The load is sampled every 10s and depending on the sampled value, the corresponding range counter is increased.			
pmBwUtilizationTx_7	ACCUMULATION	INTEGRER	The counter shows the utilization of the virtual connection in the transmitting direction represented by a histogram, consisting of a list of 21 numbers, indexed from zero. The first number is Peak Cell Rate (PCR) and the next 20 numbers	RNC_Virtual_Channel_Link.pmBwUtilizationTx_7 or NODEB_Virtual_Channel_Link.pmBwUtilizationTx_7 or RXI_Virtual_Channel_Link.pmBwUtilizationTx_7	Sum	

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			are different load ranges (range counters) for the VclTp MO. The load is sampled every 10s and depending on the sampled value, the corresponding range counter is increased.		
pmBwUtilizationTx_8	ACCUMULATION	INTEGRER	The counter shows the utilization of the virtual connection in the transmitting direction represented by a histogram, consisting of a list of 21 numbers, indexed from zero. The first number is Peak Cell Rate (PCR) and the next 20 numbers are different load ranges (range counters) for the VclTp MO. The load is	RNC_Virtual_Channel_Link.pmBwUtilizationTx_8 or NODEB_Virtual_Channel_Link.pmBwUtilizationTx_8 or RXI_Virtual_Channel_Link.pmBwUtilizationTx_8	Sum

			sampled every 10s and depending on the sampled value, the corresponding range counter is increased.		
pmBwUtilizationTx_9	ACCUMULATION	INTEGER	The counter shows the utilization of the virtual connection in the transmitting direction represented by a histogram, consisting of a list of 21 numbers, indexed from zero. The first number is Peak Cell Rate (PCR) and the next 20 numbers are different load ranges (range counters) for the VclTp MO. The load is sampled every 10s	RNC_Virtual_Channel_Link.pmBwUtilizationTx_9 or NODEB_Virtual_Channel_Link.pmBwUtilizationTx_9 or RXI_Virtual_Channel_Link.pmBwUtilizationTx_9	Sum

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			and depending on the sampled value, the corresponding range counter is increased.		
--	--	--	---	--	--

7.93 VPC_TP Performance Indicators

This section shows the key performance indicators and other counters for the VPC_TP object, divided into the following sub-sections:

- [VPC_TP.Ericsson.UMTS.ATM](#)

7.93.1 VPC_TP.Ericsson.UMTS.ATM

UTRAN ATM link.

KPI	Type	Data Type	Description	Derivation	Default Aggregator	Other Aggregators
pmBwErrBlocks	ACCUMULATION	INT 8	Number of backward error blocks.	RNC_Virtual_Path_Connection.pmBwErrBlocks or NODEB_Virtual_Path_Connection.pmBwErrBlocks or RXI_Virtual_Path_Connection.pmBwErrBlocks	Sum	eatmrhb, eatmtbh, Sum
pmBwLostCells	ACCUMULATION	INT 8	Number of lost backward cells.	RNC_Virtual_Path_Connection.pmBwLostCells or NODEB_Virtual_Path_Connection.pmBwLostCells or RXI_Virtual_Path_Connection.pmBwLostCells	Sum	eatmrhb, eatmtbh, Sum
pmBwMissinsCells	ACCUMULATION	INT 8	Number of backward mis-inserted cells.	RNC_Virtual_Path_Connection.pmBwMissinsCells or NODEB_Virtual_Path_	Sum	eatmrhb, eatmtbh, Sum

				Connection.pmBwMissinsCells or RXI_Virtual_Path_Connection.pmBwMissinsCells		
pmFwErrBlocks	ACCUMULATION	INT 8	Number of forward errored blocks.	RNC_Virtual_Path_Connection.pmFwErrBlocks or NODEB_Virtual_Path_Connection.pmFwErrBlocks or RXI_Virtual_Path_Connection.pmFwErrBlocks	Sum	eatmrhb, eatmtbh, Sum
pmFwLostCells	ACCUMULATION	INT 8	Number of forwarded lost cells.	RNC_Virtual_Path_Connection.pmFwLostCells or NODEB_Virtual_Path_Connection.pmFwLostCells or RXI_Virtual_Path_Connection.pmFwLostCells	Sum	eatmrhb, eatmtbh, Sum
pmFwMissinsCells	ACCUMULATION	INT 8	Number of forward mis-inserted cells.	RNC_Virtual_Path_Connection.pmFwMissinsCells or NODEB_Virtual_Path_Connection.pmFwMissinsCells or RXI_Virtual_Path_Connection.pmFwMissinsCells	Sum	eatmrhb, eatmtbh, Sum
pmLostBrCells	ACCUMULATION	INT 8	Number of lost Backward Reporting, BR, cells.	RNC_Virtual_Path_Connection.pmLostBrCells or NODEB_Virtual_Path_Connection.pmLostBrCells or RXI_Virtual_Path_Connection.pmLostBrCells	Sum	eatmrhb, eatmtbh, Sum

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pmLostFpmCells	ACCUMULATION	INT8	Number of lost Forward Performance Monitoring, FPM, cells.	RNC_Virtual_Path_Connection.pmLostFpmCells or NODEB_Virtual_Path_Connection.pmLostFpmCells or RXI_Virtual_Path_Connection.pmLostFpmCells	Sum	eatmrhb, eatmtbh, Sum
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7.94 VPL_TP Performance Indicators

This section shows the key performance indicators and other counters for the VPL_TP object, divided into the following sub-sections:

- [VPL_TP.Ericsson.UMTS.ATM](#)

7.94.1 VPL_TP.Ericsson.UMTS.ATM

UTRAN ATM link.

KPI	Type	Data Type	Description	Derivation	Default Aggregator	Other Aggregators
%_Vpl_utilization_egress	PERCENTAGE	FLOAT	The measurement is based upon transmitted cells in the end-points of a VPC. To achieve this - counters in the VplTp are used.	$100 * \frac{\{pmTransmittedAtmCells\}}{(\{EgressAtmPcr\} * 15 * 60)}$	Average	Average, eatmrhb, eatmtbh
EgressAtmPcr	INTENSITY	INT8	ATM Traffic Descriptor ID.	RNC_Virtual_Path_Link.EgressAtmPcr or NODEB_Virtual_Path_Link.EgressAtmPcr or RXI_Virtual_Path_Link.EgressAtmPcr	Average	Average, eatmrhb, eatmtbh, Maximum, Minimum, Sum

pmReceivedAtmCells	ACCUMULATION	INT8	Number of received ATM cells through the ATM port.	RNC_Virtual_Path_Link.pmReceivedAtmCells or NODEB_Virtual_Path_Link.pmReceivedAtmCells or RXI_Virtual_Path_Link.pmReceivedAtmCells	Sum	eatmrhb, eatmtbh, Sum
pmTransmittedAtmCells	ACCUMULATION	INT8	Number of transmitted ATM cells through the ATM port.	RNC_Virtual_Path_Link.pmTransmittedAtmCells or NODEB_Virtual_Path_Link.pmTransmittedAtmCells or RXI_Virtual_Path_Link.pmTransmittedAtmCells	Sum	eatmrhb, eatmtbh, Sum

7.95 VT1_5_TP Performance Indicators

This section shows the key performance indicators and other counters for the VT1_5_TP object, divided into the following sub-sections:

- [VT1_5_TP.Ericsson.UMTS.Physical_Link](#)

7.95.1 VT1_5_TP.Ericsson.UMTS.Physical_Link

SONET VT1.5 termination point physical link statistics.

KPI	Type	Data Type	Description	Derivation	Default Aggregator	Other Aggregators
pmEs	ACCUMULATION	INT8	Number of errored seconds.	RNC_VT15.pmEs or NODEB_VT15.pmEs or RXI_VT15.pmEs	Sum	erttbh, Sum
pmSes	ACCUMULATION	INT8	Number of	RNC_VT15.pmSes	Sum	erttbh,

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	TION		severely errored seconds.	or NODEB_VT15.pmSes or RXI_VT15.pmSes		Sum
pmUas	ACCUMULATION	INTEGER	Transmission Unavailable Seconds (SES). The accumulated unavailable time in seconds during the interval. Unavailable time starts when 10 consecutive SES are detected (them being part of the unavailable time) and ends when 10 consecutive non-SES are detected. This counter is incremented for each second of unavailable time.	RNC_VT15.pmUas or NODEB_VT15.pmUas or RXI_VT15.pmUas	Sum	erttbh, Sum

8 Performance Alarms

This section shows details of the alarms that are defined in this technology pack module:

None.

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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.

- [ATM_Port Reports.](#)
- [BS_Carrier Reports.](#)
- [CDMA_Channel Reports.](#)
- [Cell Reports.](#)
- [Downlink_Baseband_Pool Reports.](#)
- [EthernetSwitchModulePort Reports.](#)
- [EthernetSwitchPort Reports.](#)
- [InternalEthernetPort Reports.](#)
- [IuBcLink Reports.](#)
- [Iub Reports.](#)
- [Neighbour Reports.](#)
- [NodeB Reports.](#)
- [RNC Reports.](#)
- [RNC_RAB Reports.](#)
- [Radio_Link Reports.](#)
- [RncCapacity Reports.](#)
- [UpLink_Baseband_Pool Reports.](#)

9.1 ATM_Port Reports.

This section shows reports for the ATM_Port object.

- [ATM](#)

9.1.1 ATM

This report displays ATM

Report Feature	Details
Report Tree Branch	System.UMTS.Engineering.UTRAN.Ericsson.ATM_Port
Primary Object	ATM_Port

ATM Cell traffic.	ATM_Port.Ericsson.ATM.PmTransmittedAtmCells, ATM_Port.Ericsson.ATM.pmReceivedAtmCells
% ATM utilisation.	ATM_Port.Ericsson.ATM._%_Vpl_utilization_egress
Data table for ATM.	ATM_Port.Ericsson.ATM._%_Vpl_utilization_egress, ATM_Port.Ericsson.ATM.pmReceivedAtmCells, ATM_Port.Ericsson.ATM.PmTransmittedAtmCells, ATM_Port.ATM_Port_Id, ATM_Port.ATM_Port_Name, ATM_Port.Node_Id, ATM_Port.Node_Name, ATM_Port.Node_Type

9.2 BS_Carrier Reports.

This section shows reports for the BS_Carrier object.

- [BS Carrier RSSI Power](#)
- [BS Carrier Tx Carrier Power](#)
- [Carrier Power](#)

9.2.1 BS Carrier RSSI Power

This report displays NodeB Rx Carrier RSSI statistics.

Report Feature	Details
Report Tree Branch	System.UMTS.Engineering.UTRAN.Ericsson.BS_Carrier
Primary Object	BS_Carrier
Data table for Rx power	RNC.RNC_Name, BS_Carrier.BS_Carrier_Name, BS_Carrier.BS_Carrier_Id, BS_Carrier.RNC_Id, BS_Carrier.NodeB_Id, BS_Carrier.Ericsson.Carrier.pmAverageRssi_Avg, BS_Carrier.Ericsson.Carrier.pmAverageRssi_Max, BS_Carrier.Ericsson.Carrier.pmAverageRssi_Min

9.2.2 BS Carrier Tx Carrier Power

This report displays the NodeB Transmitted Carrier Power.

Report Feature	Details
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Report Tree Branch	System.UMTS.Engineering.UTRAN.Ericsson.BS_Carrier
Primary Object	BS_Carrier
Data table for Tx power	NodeB.NodeB_Name, RNC.RNC_Name, BS_Carrier.RNC_Id, BS_Carrier.NodeB_Id, BS_Carrier.BS_Carrier_Name, BS_Carrier.BS_Carrier_Id, BS_Carrier.Ericsson.Carrier.pmTransmittedCarrierPower_Avg, BS_Carrier.Ericsson.Carrier.pmTransmittedCarrierPower_Max, BS_Carrier.Ericsson.Carrier.pmTransmittedCarrierPower_Min

9.2.3 Carrier Power

This report displays Node B carrier power.

Report Feature	Details
Report Tree Branch	System.UMTS.Engineering.UTRAN.Ericsson.BS_Carrier
Primary Object	BS_Carrier
Transmitted Carrier Power	BS_Carrier.Ericsson.Carrier.pmTransmittedCarrierPower_Avg, BS_Carrier.Ericsson.Carrier.pmTransmittedCarrierPower_Min, BS_Carrier.Ericsson.Carrier.pmTransmittedCarrierPower_Max
Receive Power.	BS_Carrier.Ericsson.Carrier.pmAverageRssi_Avg, BS_Carrier.Ericsson.Carrier.pmAverageRssi_Min, BS_Carrier.Ericsson.Carrier.pmAverageRssi_Max
Data table for Carrier Power.	BS_Carrier.RNC_Id, BS_Carrier.NodeB_Id, BS_Carrier.BS_Carrier_Id, BS_Carrier.Ericsson.Carrier.pmTransmittedCarrierPower_Avg, BS_Carrier.Ericsson.Carrier.pmTransmittedCarrierPower_Min, BS_Carrier.Ericsson.Carrier.pmTransmittedCarrierPower_Max, BS_Carrier.Ericsson.Carrier.pmAverageRssi_Avg, BS_Carrier.Ericsson.Carrier.pmAverageRssi_Min, BS_Carrier.Ericsson.Carrier.pmAverageRssi_Max, BS_Carrier.BS_Carrier_Name, NodeB.NodeB_Name, RNC.RNC_Name

9.3 CDMA_Channel Reports.

This section shows reports for the CDMA_Channel object.

- [CDMA Channel Average User Rate HSDSCH](#)
- [CDMA Channel CQI Resource Quality](#)
- [CDMA Channel EulDCh Assigned User Bit Rate](#)
- [CDMA Channel EulDCh Channel Power](#)
- [CDMA Channel EulDCh Noise Floor](#)

- [CDMA Channel EulDCh PC Noise Raised](#)
- [CDMA Channel EulDCh RoT Effect dB Coverage](#)
- [CDMA Channel EulDCh Total Granted Uu Rate](#)
- [CDMA Channel EulDCh WaitTime](#)
- [CDMA Channel HSDSCH Request Denied Reason](#)
- [CDMA Channel HSDSCH Users Per TTI](#)
- [HSDSCH NonHS Carrier Power](#)

9.3.1 CDMA Channel Average User Rate HSDSCH

This report displays the HSDSCH carrier quality statistics on average user rate distribution allocated to HSDPA service.

Report Feature	Details
Report Tree Branch	System.UMTS.Engineering.UTRAN.Ericsson.CDMA_Channel
Primary Object	CDMA_Channel
Table for HSDSCH Resource Quality - User Rate	CDMA_Channel.CDMA_Channel_Name, RNC.RNC_Name, NodeB.NodeB_Name, CDMA_Channel.RNC_Id, CDMA_Channel.NodeB_Id, CDMA_Channel.CDMA_Channel_Id, CDMA_Channel.Ericsson.HSDSCH_Resource.pmAverageUserRate_Avg, CDMA_Channel.Ericsson.HSDSCH_Resource.pmAverageUserRate_Max, CDMA_Channel.Ericsson.HSDSCH_Resource.pmAverageUserRate_Min

9.3.2 CDMA Channel CQI Resource Quality

This report displays the HSDSCH carrier quality statistics on Channel Quality Indicator (CQI).

Report Feature	Details
Report Tree Branch	System.UMTS.Engineering.UTRAN.Ericsson.CDMA_Channel
Primary Object	CDMA_Channel
Table for HSDSCH Resource Quality - CQI	CDMA_Channel.CDMA_Channel_Name, RNC.RNC_Name, NodeB.NodeB_Name, CDMA_Channel.RNC_Id, CDMA_Channel.NodeB_Id, CDMA_Channel.CDMA_Channel_Id, CDMA_Channel.Ericsson.HSDSCH_Resource.pmReportedCqi_Avg,

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	CDMA_Channel.Ericsson.HSDSCH_Resource.pmReportedCqi_Max, CDMA_Channel.Ericsson.HSDSCH_Resource.pmReportedCqi_Min, CDMA_Channel.Ericsson.HSDSCH_Resource.pmReportedInvalid_Cqi, CDMA_Channel.Ericsson.HSDSCH_Resource.pmReportedCqi_0, CDMA_Channel.Ericsson.HSDSCH_Resource.pmUsedCqi_Avg, CDMA_Channel.Ericsson.HSDSCH_Resource.pmUsedCqi_Max, CDMA_Channel.Ericsson.HSDSCH_Resource.pmUsedCqi_Min, CDMA_Channel.Ericsson.HSDSCH_Resource.pmUsedCqi_0
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9.3.3 CDMA Channel EuDCh Assigned User Bit Rate

This report describes the average bit rates assigned to each E-DCH users in kbps.

Report Feature	Details
Report Tree Branch	System.UMTS.Engineering.UTRAN.Ericsson.CDMA_Channel
Primary Object	CDMA_Channel
Table for EuDch User BitRate	CDMA_Channel.CDMA_Channel_Name, RNC.RNC_Name, NodeB.NodeB_Name, CDMA_Channel.RNC_Id, CDMA_Channel.NodeB_Id, CDMA_Channel.CDMA_Channel_Id, CDMA_Channel.Ericsson.EDCH_Resource.pmNoSchEdchEul_Avg, CDMA_Channel.Ericsson.EDCH_Resource.pmNoSchEdchEul_Max, CDMA_Channel.Ericsson.EDCH_Resource.pmNoSchEdchEul_Min

9.3.4 CDMA Channel EuDCh Channel Power

This report describes the total DL power measurement used for the common channel in Eul (E-AGCH, E-RGCH and E-HICH) in the cell. Measurement is in dBm.

Report Feature	Details
Report Tree Branch	System.UMTS.Engineering.UTRAN.Ericsson.CDMA_Channel
Primary Object	CDMA_Channel
Table for EuDCh Common Channel Power	CDMA_Channel.CDMA_Channel_Name, RNC.RNC_Name, NodeB.NodeB_Name, CDMA_Channel.RNC_Id, CDMA_Channel.NodeB_Id, CDMA_Channel.CDMA_Channel_Id, CDMA_Channel.Ericsson.EDCH_Resource.pmCommonChPowerEul_Avg, CDMA_Channel.Ericsson.EDCH_Resource.pmCommonChPowerEul_Max, CDMA_Channel.Ericsson.EDCH_Resource.pmCommonChPowerEul_Min

9.3.5 CDMA Channel EuIDCh Noise Floor

This report describes the thermal noise level value in the RoT measurement in dBm.

Report Feature	Details
Report Tree Branch	System.UMTS.Engineering.UTRAN.Ericsson.CDMA_Channel
Primary Object	CDMA_Channel
Table for EuIDCh Noise Floor	CDMA_Channel.CDMA_Channel_Name, RNC.RNC_Name, NodeB.NodeB_Name, CDMA_Channel.RNC_Id, CDMA_Channel.NodeB_Id, CDMA_Channel.CDMA_Channel_Id, CDMA_Channel.Ericsson.EDCH_Resource.pmNoiseFloor_Avg, CDMA_Channel.Ericsson.EDCH_Resource.pmNoiseFloor_Max, CDMA_Channel.Ericsson.EDCH_Resource.pmNoiseFloor_Min

9.3.6 CDMA Channel EuIDCh PC Noise Raised

This report describes the measurement of the power-controlled noise rise caused by the intra-cell interference that affects the Uu load.

Report Feature	Details
Report Tree Branch	System.UMTS.Engineering.UTRAN.Ericsson.CDMA_Channel
Primary Object	CDMA_Channel
Table for PC Noise Measure	CDMA_Channel.CDMA_Channel_Name, RNC.RNC_Name, NodeB.NodeB_Name, CDMA_Channel.RNC_Id, CDMA_Channel.NodeB_Id, CDMA_Channel.CDMA_Channel_Id, CDMA_Channel.Ericsson.EDCH_Resource.pmOwnUuLoad_Avg, CDMA_Channel.Ericsson.EDCH_Resource.pmOwnUuLoad_Max, CDMA_Channel.Ericsson.EDCH_Resource.pmTotalRotCoverage_Min

9.3.7 CDMA Channel EuIDCh RoT Effect dB Coverage

This report describes the total Rise over Thermal (RoT) (including all uplink traffic and external interference) that affects the Cell coverage in dB.

Report Feature	Details
Report Tree Branch	System.UMTS.Engineering.UTRAN.Ericsson.CDMA_Channel

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Primary Object	CDMA_Channel
Table for RoT Effect Coverage	CDMA_Channel.CDMA_Channel_Name, RNC.RNC_Name, NodeB.NodeB_Name, CDMA_Channel.RNC_Id, CDMA_Channel.NodeB_Id, CDMA_Channel.CDMA_Channel_Id, CDMA_Channel.Ericsson.EDCH_Resource.pmTotalRotCoverage_Avg, CDMA_Channel.Ericsson.EDCH_Resource.pmTotalRotCoverage_Max, CDMA_Channel.Ericsson.EDCH_Resource.pmTotalRotCoverage_Min

9.3.8 CDMA Channel EuIDCh Total Granted Uu Rate

This report describes the total granted Uu rate, for all E-DCH users including soft/softer handover by the scheduler per cell.

Report Feature	Details
Report Tree Branch	System.UMTS.Engineering.UTRAN.Ericsson.CDMA_Channel
Primary Object	CDMA_Channel
Table for Total Grant Uu Rate	CDMA_Channel.CDMA_Channel_Name, RNC.RNC_Name, NodeB.NodeB_Name, CDMA_Channel.RNC_Id, CDMA_Channel.NodeB_Id, CDMA_Channel.CDMA_Channel_Id, CDMA_Channel.Ericsson.EDCH_Resource.pmTotRateGrantedEul_Avg, CDMA_Channel.Ericsson.EDCH_Resource.pmTotRateGrantedEul_Max, CDMA_Channel.Ericsson.EDCH_Resource.pmTotRateGrantedEul_Min

9.3.9 CDMA Channel EuIDCh WaitTime

This report describes the waiting time in ms for an E-DCH user from when a rate increase request is received when the scheduled grant = 0.

Report Feature	Details
Report Tree Branch	System.UMTS.Engineering.UTRAN.Ericsson.CDMA_Channel
Primary Object	CDMA_Channel
Table for Wait Time For Rate Increase	CDMA_Channel.CDMA_Channel_Name, RNC.RNC_Name, NodeB.NodeB_Name, CDMA_Channel.RNC_Id, CDMA_Channel.NodeB_Id, CDMA_Channel.CDMA_Channel_Id, CDMA_Channel.Ericsson.EDCH_Resource.pmWaitingTimeEul_Avg,

	CDMA_Channel.Ericsson.EDCH_Resource.pmWaitingTimeEul_Max, CDMA_Channel.Ericsson.EDCH_Resource.pmWaitingTimeEul_Min
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9.3.10 CDMA Channel HSDSCH Request Denied Reason

This report describes the number of occurrence per reason code where a user was denied of high speed access due to shortage of HS-PDSCH.

Report Feature	Details
Report Tree Branch	System.UMTS.Engineering.UTRAN.Ericsson.CDMA_Channel
Primary Object	CDMA_Channel
Table for Reason Code Breakdown	CDMA_Channel.CDMA_Channel_Name, RNC.RNC_Name, NodeB.NodeB_Name, CDMA_Channel.RNC_Id, CDMA_Channel.NodeB_Id, CDMA_Channel.CDMA_Channel_Id, CDMA_Channel.Ericsson.HSDSCH_Resource.pmRemainingResource Check_0, CDMA_Channel.Ericsson.HSDSCH_Resource.pmRemainingResource Check_1, CDMA_Channel.Ericsson.HSDSCH_Resource.pmRemainingResource Check_2

9.3.11 CDMA Channel HSDSCH Users Per TTI

This report shows the breakdown of number of X users per each 2ms Tti.

Report Feature	Details
Report Tree Branch	System.UMTS.Engineering.UTRAN.Ericsson.CDMA_Channel
Primary Object	CDMA_Channel
Table for HSDSCH Users per TTI	CDMA_Channel.CDMA_Channel_Name, RNC.RNC_Name, NodeB.NodeB_Name, CDMA_Channel.RNC_Id, CDMA_Channel.NodeB_Id, CDMA_Channel.CDMA_Channel_Id, CDMA_Channel.Ericsson.HSDSCH_Resource.pmNoOfHsUsersPerTt i_0, CDMA_Channel.Ericsson.HSDSCH_Resource.pmNoOfHsUsersPerTt i_1, CDMA_Channel.Ericsson.HSDSCH_Resource.pmNoOfHsUsersPerTt i_2,

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	CDMA_Channel.Ericsson.HSDSCH_Resource.pmNoOfHsUsersPerTti_3, CDMA_Channel.Ericsson.HSDSCH_Resource.pmNoOfHsUsersPerTti_4, CDMA_Channel.Ericsson.HSDSCH_Resource.pmNoOfHsUsersPerTti_Avg
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9.3.12 HSDSCH NonHS Carrier Power

This report describes the average transmitted power for all codes not used for physical downlink channels in dBm.

Report Feature	Details
Report Tree Branch	System.UMTS.Engineering.UTRAN.Ericsson.CDMA_Channel
Primary Object	CDMA_Channel
Table for Carrier Power Array HSDSCH - Non Carrier Power	CDMA_Channel.CDMA_Channel_Name, RNC.RNC_Name, NodeB.NodeB_Name, CDMA_Channel.RNC_Id, CDMA_Channel.NodeB_Id, CDMA_Channel.CDMA_Channel_Id, CDMA_Channel.Ericsson.HSDSCH_Resource.pmTransmittedCarrierPowerNonHs_Avg, CDMA_Channel.Ericsson.HSDSCH_Resource.pmTransmittedCarrierPowerNonHs_Max, CDMA_Channel.Ericsson.HSDSCH_Resource.pmTransmittedCarrierPowerNonHs_Min

9.4 Cell Reports.

This section shows reports for the Cell object.

- [Cell Accessibility](#)
- [Cell Availability](#)
- [Cell Call Completion](#)
- [Cell Calls Dropped 1](#)
- [Cell Calls Dropped 2](#)
- [Cell Channel Quality](#)
- [Cell Channel Switching](#)
- [Cell Code Control Report 1](#)
- [Cell Code Control Report 2](#)
- [Cell Code Control Report 3](#)
- [Cell Congestion](#)
- [Cell EulDCh Service Availability](#)
- [Cell Eul Service Throughput](#)
- [Cell Grade of Service](#)
- [Cell Handover](#)

- [Cell Handover IRAT](#)
- [Cell Handover Soft Softer](#)
- [Cell HSDSCH Service Availability](#)
- [Cell HSDSCH Service Overload](#)
- [Cell HSDSCH Service Throughput](#)
- [Cell MBMS Service Availability](#)
- [Cell Paging](#)
- [Cell RAB Establishment and Release](#)
- [Cell RRC Connections](#)
- [Cell Servicing HSDSCH Cell Handover](#)
- [Cell Servicing HSDSCH Cell Hard HO](#)
- [Cell Traffic DL bearer traffic](#)
- [Cell Traffic Total Traffic](#)
- [Cell Traffic UL bearer traffic](#)
- [Cell Updating](#)

9.4.1 Cell Accessibility

This report displays the cell accessibility. i.e. the ability of the user to obtain the requested service. This metric is calculated using the probability of a successful RRC connection together with the probability of a successful RAB establishment success.

Report Feature	Details
Report Tree Branch	System.UMTS.Engineering.UTRAN.Ericsson.Cell
Primary Object	Cell
% Cell accessibility.	Cell.Ericsson.accessibility_and_call_completion._%_CS_speech_accessibility_1, Cell.Ericsson.accessibility_and_call_completion._%_CS_speech_accessibility_2, Cell.Ericsson.accessibility_and_call_completion._%_PS_interactive_accessibility, Cell.Ericsson.accessibility_and_call_completion._%_PS_streaming_accessibility, Cell.Ericsson.accessibility_and_call_completion._%_CS64_accessibility, Cell.Ericsson.accessibility_and_call_completion._%_CS57_accessibility
Data table for cell	BSC.BSC_Id, BSC.BSC_Name,

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accessibility.	Cell.Ericsson.traffic_volume.total_traffic, Cell.Ericsson.accessibility_and_call_completion._ %_CS_speech_accessibility_2, Cell.Ericsson.accessibility_and_call_completion._ %_CS_speech_accessibility_1, Cell.Ericsson.accessibility_and_call_completion._ %_CS64_accessibility, Cell.Ericsson.accessibility_and_call_completion._ %_CS57_accessibility, Cell.Ericsson.accessibility_and_call_completion._ %_PS_streaming_accessibility, Cell.Ericsson.accessibility_and_call_completion._ %_PS_interactive_accessibility, Cell.Cell_Id, Cell.Cell_Name
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9.4.2 Cell Availability

This report displays the cell availability of service. i.e. the time that the cell is available.

Report Feature	Details
Report Tree Branch	System.UMTS.Engineering.UTRAN.Ericsson.Cell
Primary Object	Cell
Cell availability.	Cell.Ericsson.cell_availability.pmceldowntimeauto, Cell.Ericsson.cell_availability.pmceldowntimeman
Data table for cell availability.	Cell.Cell_Name, BSC.BSC_Id, BSC.BSC_Name, Cell.Cell_Id, Cell.Ericsson.cell_availability.pmceldowntimeauto, Cell.Ericsson.cell_availability.pmceldowntimeman

9.4.3 Cell Call Completion

This report displays cell call completion rates. It displays the ability of a user to obtain a desired service and continue receiving the service for a desired time. The metric is calculated using the product of cell accessibility and call drop rate.

Report Feature	Details
Report Tree Branch	System.UMTS.Engineering.UTRAN.Ericsson.Cell
Primary Object	Cell
% Call completion.	Cell.Ericsson.accessibility_and_call_completion._ %_CS_speech_call_completion, Cell.Ericsson.accessibility_and_call_completion._ %_CS57_call_completion, Cell.Ericsson.accessibility_and_call_completion._

	%_PS_streaming_call_completion, Cell.Ericsson.accessibility_and_call_completion._ %_CS64_call_completion
Data reports for call completion.	BSC.BSC_Id, BSC.BSC_Name, Cell.Ericsson.traffic_volume.total_traffic, Cell.Ericsson.accessibility_and_call_completion._ %_PS_streaming_call_completion, Cell.Ericsson.accessibility_and_call_completion._ %_CS64_call_completion, Cell.Ericsson.accessibility_and_call_completion._ %_CS57_call_completion, Cell.Ericsson.accessibility_and_call_completion._ %_CS_speech_call_completion, Cell.Cell_Id, Cell.Cell_Name

9.4.4 Cell Calls Dropped 1

This report displays cell dropped calls which have not been completed successfully.

Report Feature	Details
Report Tree Branch	System.UMTS.Engineering.UTRAN.Ericsson.Cell
Primary Object	Cell
% Dropped calls.	Cell.Ericsson.accessibility_and_call_completion._ %_CS_speech_dropped, Cell.Ericsson.accessibility_and_call_completion._%_CS57_dropped, Cell.Ericsson.rab_establishments_and_release._%_HS_Dropped, Cell.Ericsson.accessibility_and_call_completion._%_CS64_dropped, Cell.Ericsson.accessibility_and_call_completion._ %_PS_streaming_dropped
Data table for dropped calls.	RNC.RNC_Id, RNC.RNC_Name, Cell.Cell_Id, Cell.Ericsson.accessibility_and_call_completion._ %_PS_streaming_dropped, Cell.Ericsson.accessibility_and_call_completion._ %_CS_speech_dropped, Cell.Ericsson.accessibility_and_call_completion._%_CS57_dropped, Cell.Ericsson.accessibility_and_call_completion._%_CS64_dropped, Cell.Ericsson.rab_establishments_and_release._%_HS_Dropped, Cell.Cell_Name

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9.4.5 Cell Calls Dropped 2

This second part of the report displays cell dropped calls which have not been completed successfully.

Report Feature	Details
Report Tree Branch	System.UMTS.Engineering.UTRAN.Ericsson.Cell
Primary Object	Cell
Total dropped calls.	Cell.Ericsson.rab_establishments_and_release.pmNoSystemRabReleaseSpeech, Cell.Ericsson.rab_establishments_and_release.pmNoSystemRabReleaseCsStream, Cell.Ericsson.rab_establishments_and_release.pmNoSystemRbReleasesHs, Cell.Ericsson.rab_establishments_and_release.pmNoSystemRabReleasePacket, Cell.Ericsson.rab_establishments_and_release.pmNoSystemRabReleasePacketStream, Cell.Ericsson.rab_establishments_and_release.pmNoSystemRabReleaseCs64
Data table for dropped calls.	RNC.RNC_Id, RNC.RNC_Name, Cell.Cell_Id, Cell.Ericsson.rab_establishments_and_release.pmNoSystemRabReleasePacket, Cell.Ericsson.rab_establishments_and_release.pmNoSystemRabReleasePacketStream, Cell.Ericsson.rab_establishments_and_release.pmNoSystemRabReleaseSpeech, Cell.Ericsson.rab_establishments_and_release.pmNoSystemRabReleaseCsStream, Cell.Ericsson.rab_establishments_and_release.pmNoSystemRabReleaseCs64, Cell.Ericsson.rab_establishments_and_release.pmNoSystemRbReleasesHs, Cell.Ericsson.traffic_volume.total_traffic, Cell.Cell_Name

9.4.6 Cell Channel Quality

This report displays cell channel quality of transport blocks.

Report Feature	Details
Report Tree Branch	System.UMTS.Engineering.UTRAN.Ericsson.Cell
Primary Object	Cell
Faulty transport blocks.	Cell.Ericsson.channel_quality.cavgfaultytransportblocksbul,

	Cell.Ericsson.channel_quality.cmavgfaultyrachtransportblocks
Data table for channel quality	BSC.BSC_Id, BSC.BSC_Name, Cell.Ericsson.channel_quality.cmavgfaultytransportblocksbcu, Cell.Ericsson.channel_quality.cmavgfaultyrachtransportblocks, Cell.Cell_Id, Cell.Cell_Name

9.4.7 Cell Channel Switching

-Obsolete in P6- This report displays cell channel switching (include counters for the number of switches between CCH and DCH, the number downgrading switches for PS RABs due to congestion control and failed channel switches.

Report Feature	Details
Report Tree Branch	System.UMTS.Engineering.UTRAN.Ericsson.Cell
Primary Object	Cell
Data table for channel switching.	BSC.BSC_Id, BSC.BSC_Name, Cell.Cell_Id, Cell.Ericsson.channel_switching.pmchswitchfachdch, Cell.Ericsson.channel_switching.pmchswitchdch64fach, Cell.Ericsson.channel_switching.pmchswitchdch128fach, Cell.Ericsson.channel_switching.pmchswitchdch384fach, Cell.Ericsson.channel_switching.pmchswitchp64p128, Cell.Ericsson.channel_switching.pmchswitchp128p64, Cell.Ericsson.channel_switching.pmchswitchp128p384, Cell.Ericsson.channel_switching.pmchswitchp384p128, Cell.Ericsson.channel_switching.pmfaliedchswitch, Cell.Cell_Name

9.4.8 Cell Code Control Report 1

-Obsolete in P5, due to counters obsolete- This report displays cell code control (include counters for the number of attempted, failed, successful DL channelization code allocations per spreading factor, for normal transmission mode)

Report Feature	Details
Report Tree Branch	System.UMTS.Engineering.UTRAN.Ericsson.Cell
Primary Object	Cell
% SF8 SF16 SF32 Success.	Cell.Ericsson.code_control._%_sf8success,

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	Cell.Ericsson.code_control._%_sf16success, Cell.Ericsson.code_control._%_sf32success
% SF64 SF128 SF256 Success.	Cell.Ericsson.code_control._%_sf64success, Cell.Ericsson.code_control._%_sf128success, Cell.Ericsson.code_control._%_sf256success
Data table for code control	Cell.BSC_Id, RNC.RNC_Name, Cell.Ericsson.code_control.totalsuccess, Cell.Ericsson.code_control.totalfailure, Cell.Ericsson.code_control.totalattempts, Cell.Ericsson.code_control._%_sf256success, Cell.Ericsson.code_control._%_sf128success, Cell.Ericsson.code_control._%_sf64success, Cell.Ericsson.code_control._%_sf32success, Cell.Ericsson.code_control._%_sf16success, Cell.Ericsson.code_control._%_sf8success, Cell.Cell_Id, Cell.Cell_Name
Total SF	Cell.Ericsson.code_control.totalattempts, Cell.Ericsson.code_control.totalfailure, Cell.Ericsson.code_control.totalsuccess

9.4.9 Cell Code Control Report 2

-Obsolete in P5, due to counters obsolete- This report displays cell code control (include counters for the number of attempted, failed, successful DL channelization code allocations per spreading factor, for normal transmission mode)

Report Feature	Details
Report Tree Branch	System.UMTS.Engineering.UTRAN.Ericsson.Cell
Primary Object	Cell
Data Table for Code Control	Cell.BSC_Id, RNC.RNC_Name, Cell.Cell_Id, Cell.Ericsson.code_control.pmnodlchcodeallocattemptsf8, Cell.Ericsson.code_control.pmnodlchcodeallocfailuresf8, Cell.Ericsson.code_control.cmnodlchcodeallocsuccesssf8, Cell.Ericsson.code_control.pmnodlchcodeallocattemptsf16, Cell.Ericsson.code_control.pmnodlchcodeallocfailuresf16, Cell.Ericsson.code_control.cmnodlchcodeallocsuccesssf16, Cell.Ericsson.code_control.pmnodlchcodeallocattemptsf32, Cell.Ericsson.code_control.pmnodlchcodeallocfailuresf32, Cell.Ericsson.code_control.cmnodlchcodeallocsuccesssf32, Cell.Cell_Name

9.4.10 Cell Code Control Report 3

-Obsolete in P5, due to counters obsolete- This report displays cell code control (include counters for the number of attempted, failed, successful DL channelization code allocations per spreading factor, for normal transmission mode)

Report Feature	Details
Report Tree Branch	System.UMTS.Engineering.UTRAN.Ericsson.Cell
Primary Object	Cell
Data Table for Code Control	Cell.BSC_Id, RNC.RNC_Name, Cell.Cell_Id, Cell.Ericsson.code_control.pmnodlchcodeallocattemptsf64, Cell.Ericsson.code_control.pmnodlchcodeallocfailuresf64, Cell.Ericsson.code_control.cmnodlchcodeallocsuccesssf64, Cell.Ericsson.code_control.pmnodlchcodeallocattemptsf128, Cell.Ericsson.code_control.pmnodlchcodeallocfailuresf128, Cell.Ericsson.code_control.cmnodlchcodeallocsuccesssf128, Cell.Ericsson.code_control.pmnodlchcodeallocattemptsf256, Cell.Ericsson.code_control.pmnodlchcodeallocfailuresf256, Cell.Ericsson.code_control.cmnodlchcodeallocsuccesssf256, Cell.Cell_Name

9.4.11 Cell Congestion

This report displays cell congestion (includes speech, CS data and UL/DL congestion time)

Report Feature	Details
Report Tree Branch	System.UMTS.Engineering.UTRAN.Ericsson.Cell
Primary Object	Cell
Connections terminated.	Cell.Ericsson.congestion.pmnootermscong, Cell.Ericsson.congestion.pmnootermspeechcong
Data table for congestion.	BSC.BSC_Id, BSC.BSC_Name, Cell.Cell_Id, Cell.Ericsson.congestion.pmnootermscong, Cell.Ericsson.congestion.pmnootermspeechcong, Cell.Ericsson.congestion.pmTotalTimeUlCellCong, Cell.Ericsson.congestion.pmTotalTimeDlCellCong, Cell.Cell_Name

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9.4.12 Cell EulDCh Service Availability

This report displays the EulDCH service availability in a Cell, I.e. the time that the enhanced uplink service in the cell is available.

Report Feature	Details
Report Tree Branch	System.UMTS.Engineering.UTRAN.Ericsson.Cell
Primary Object	Cell
Graph for EulDCh Availability	Cell.Ericsson.Enhanced_Uplink_service_availability.pmEulDowntime Auto, Cell.Ericsson.Enhanced_Uplink_service_availability.pmEulDowntime Man, Cell.Ericsson.Enhanced_Uplink_service_availability._%_EulUptime
Table for EulDCh Availability	Cell.Cell_Name, Cell.BSC_Id, RNC.RNC_Name, Cell.Cell_Id, Cell.Ericsson.Enhanced_Uplink_service_availability.pmEulDowntime Man, Cell.Ericsson.Enhanced_Uplink_service_availability.pmEulDowntime Auto, Cell.Ericsson.Enhanced_Uplink_service_availability._%_EulUptime

9.4.13 Cell Eul Service Throughput

This report displays average Eul Service Throughput (Total and User) based on the related throughput counters.

Report Feature	Details
Report Tree Branch	System.UMTS.Engineering.UTRAN.Ericsson.Cell
Primary Object	Cell
Average Throughput	Cell.Ericsson.Enhanced_Uplink_service_throughput.Avg_pmEulRlcUserPacketThp, Cell.Ericsson.Enhanced_Uplink_service_throughput.Avg_pmEulRlcTotalPacketThp, Cell.Ericsson.Enhanced_Uplink_service_throughput.pmEulRlcUserPacketThp_Avg
Data table for average throughput	Cell.Cell_Name, BSC.BSC_Id, BSC.BSC_Name, Cell.Cell_Id, Cell.Ericsson.Enhanced_Uplink_service_throughput.Avg_pmEulRlcUserPacketThp, Cell.Ericsson.Enhanced_Uplink_service_throughput.Avg_pmEulRlcTotalPacketThp, Cell.Ericsson.Enhanced_Uplink_service_throughput.pmEulRlcUserPacketThp_Avg

9.4.14 Cell Grade of Service

This report displays grade of service (GoS) i.e. the blocking rate for speech calls per cell due to admission based on downlink power, downlink channelization code, DL/UL Average Speech Equivalent (ASE).

Report Feature	Details
Report Tree Branch	System.UMTS.Engineering.UTRAN.Ericsson.Cell
Primary Object	Cell
Total RRC successful connections.	Cell.Ericsson.admission.pmNoOfNonHoReqDeniedSpeech, Cell.Ericsson.rrc_connection_setup_and_release.pmtotnorrconnectreqcs, Cell.Ericsson.admission.pmNoOfNonHoReqDeniedInteractive, Cell.Ericsson.admission.pmNoOfNonHoReqDeniedPsStreaming, Cell.Ericsson.admission.pmNoOfNonHoReqDeniedCs
% blocked.	Cell.Ericsson.admission.CS_speech_GoS, Cell.Ericsson.admission.CS_speech_GoS2, Cell.Ericsson.admission.CS_57_64_GoS, Cell.Ericsson.admission.PS_streaming_GoS, Cell.Ericsson.admission.PS_interactive_GoS
Data table for grade of service.	BSC.BSC_Id, BSC.BSC_Name, Cell.Ericsson.traffic_volume.total_traffic, Cell.Ericsson.admission.PS_interactive_GoS, Cell.Ericsson.admission.pmNoOfNonHoReqDeniedInteractive, Cell.Ericsson.admission.PS_streaming_GoS, Cell.Ericsson.admission.pmNoOfNonHoReqDeniedPsStreaming, Cell.Ericsson.admission.CS_57_64_GoS, Cell.Ericsson.admission.pmNoOfNonHoReqDeniedCs, Cell.Ericsson.admission.CS_speech_GoS2, Cell.Ericsson.rrc_connection_setup_and_release.pmtotnorrconnectreqcs, Cell.Ericsson.admission.CS_speech_GoS, Cell.Ericsson.admission.pmNoOfNonHoReqDeniedSpeech, Cell.Cell_Id, Cell.Cell_Name

9.4.15 Cell Handover

This report displays handover RL link additions.

Report Feature	Details
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Report Tree Branch	System.UMTS.Engineering.UTRAN.Ericsson.Cell
Primary Object	Cell
RL additions.	Cell.Ericsson.handover_statistics._%_Cells_Active_Set_Success
Data table for RL additions.	BSC.BSC_Id, BSC.BSC_Name, Cell.Cell_Id, Cell.Ericsson.handover_statistics.link_addition_attempts, Cell.Ericsson.handover_statistics.link_addition_failures, Cell.Ericsson.handover_statistics.link_addition_success, Cell.Ericsson.handover_statistics._%_Cells_Active_Set_Success, Cell.Ericsson.traffic_volume.total_traffic, Cell.Cell_Name

9.4.16 Cell Handover IRAT

This report displays IRAT handover (Inter Radio Access Technology) (includes cell reselection and cell change)

Report Feature	Details
Report Tree Branch	System.UMTS.Engineering.UTRAN.Ericsson.Cell
Primary Object	Cell
% Success IRAT handover.	Cell.Ericsson.inter_radio_access_technology_cell_change_incoming._%_incoming_irat_cell_reselection_success, Cell.Ericsson.inter_radio_access_technology_cell_change_incoming._%_incoming_irat_cell_change_success
Data table for cell IRAT handover.	BSC.BSC_Id, BSC.BSC_Name, Cell.Ericsson.traffic_volume.total_traffic, Cell.Ericsson.inter_radio_access_technology_cell_change_incoming._%_incoming_irat_cell_reselection_success, Cell.Ericsson.inter_radio_access_technology_cell_change_incoming.pmtotnorrconnectsuccessiratcellresel, Cell.Ericsson.inter_radio_access_technology_cell_change_incoming.pmtotnorrconnectfailcongiratcellresel, Cell.Ericsson.inter_radio_access_technology_cell_change_incoming.pmtotnorrconnectattiratcellresel, Cell.Ericsson.inter_radio_access_technology_cell_change_incoming._%_incoming_irat_cell_change_success, Cell.Ericsson.inter_radio_access_technology_cell_change_incoming.pmtotnorrconnectsuccessiratccorder, Cell.Ericsson.inter_radio_access_technology_cell_change_incoming.pmtotnorrconnectfailcongiratccorder, Cell.Ericsson.inter_radio_access_technology_cell_change_incoming.pmtotnorrconnectattiratccorder, Cell.Cell_Id, Cell.Cell_Name

9.4.17 Cell Handover Soft Softer

This report defines soft/softer handover

Report Feature	Details
Report Tree Branch	System.UMTS.Engineering.UTRAN.Ericsson.Cell
Primary Object	Cell
Average 2 RLs active set.	Cell.Ericsson.soft_softer_handover.cmavgueswith2rls2rlinactset, Cell.Ericsson.soft_softer_handover.cmavgueswith2rls3rlinactset, Cell.Ericsson.soft_softer_handover.cmavgueswith2rls4rlinactset
Average 3 RLs active set.	Cell.Ericsson.soft_softer_handover.cmavgueswith3rls3rlinactset, Cell.Ericsson.soft_softer_handover.cmavgueswith3rls4rlinactset, Cell.Ericsson.soft_softer_handover.cmavgueswith4rls4rlinactset
Average 1 RLs active set.	Cell.Ericsson.soft_softer_handover.cmavgueswith1rls1rlinactset, Cell.Ericsson.soft_softer_handover.cmavgueswith1rls2rlinactset, Cell.Ericsson.soft_softer_handover.cmavgueswith1rls3rlinactset
Soft handover overhead.	Cell.Ericsson.soft_softer_handover. %_soft_handover_overhead
Data table for soft/softer handover.	RNC.RNC_Id, RNC.RNC_Name, Cell.Cell_Id, Cell.Ericsson.soft_softer_handover.cmavgueswith1rls1rlinactset, Cell.Ericsson.soft_softer_handover.cmavgueswith1rls2rlinactset, Cell.Ericsson.soft_softer_handover.cmavgueswith1rls3rlinactset, Cell.Ericsson.soft_softer_handover.cmavgueswith2rls2rlinactset, Cell.Ericsson.soft_softer_handover.cmavgueswith2rls3rlinactset, Cell.Ericsson.soft_softer_handover.cmavgueswith2rls4rlinactset, Cell.Ericsson.soft_softer_handover.cmavgueswith3rls3rlinactset, Cell.Ericsson.soft_softer_handover.cmavgueswith3rls4rlinactset, Cell.Ericsson.soft_softer_handover.cmavgueswith4rls4rlinactset, Cell.Ericsson.soft_softer_handover. %_soft_handover_overhead, Cell.Ericsson.traffic_volume.total_traffic, Cell.Cell_Name

9.4.18 Cell HSDSCH Service Availability

This report displays the HSDSCH service availability in a Cell, i.e. the time that the cell is available

Report Feature	Details
Report Tree Branch	System.UMTS.Engineering.UTRAN.Ericsson.Cell

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Primary Object	Cell
Graph for HSDSCH Availability	Cell.Ericsson.HSDSCH_service_availability.pmHsDowntimeAuto, Cell.Ericsson.HSDSCH_service_availability.pmHsDowntimeMan, Cell.Ericsson.HSDSCH_service_availability._%_HsUptime
Data table for HSDSCH Availability	Cell.Cell_Name, BSC.BSC_Id, BSC.BSC_Name, Cell.Cell_Id, Cell.Ericsson.HSDSCH_service_availability.pmHsDowntimeMan, Cell.Ericsson.HSDSCH_service_availability.pmHsDowntimeAuto, Cell.Ericsson.HSDSCH_service_availability._%_HsUptime

9.4.19 Cell HSDSCH Service Overload

This report displays the cell HSDSCH service undergoing overload.

Report Feature	Details
Report Tree Branch	System.UMTS.Engineering.UTRAN.Ericsson.Cell
Primary Object	Cell
Data table for cell HSDSCH service overload.	Cell.Cell_Name, BSC.BSC_Id, BSC.BSC_Name, Cell.Cell_Id, Cell.Ericsson.HSDSCH_Overload.pmHsdschOverloadDetection, Cell.Ericsson.HSDSCH_Overload.pmTotalTimeHsdschOverload

9.4.20 Cell HSDSCH Service Throughput

This report displays average HSDSCH Service Throughput (Total and User) based on the related throughput counters.

Report Feature	Details
Report Tree Branch	System.UMTS.Engineering.UTRAN.Ericsson.Cell
Primary Object	Cell
Average Throughput	Cell.Ericsson.HSDSCH_service_throughput.Avg_pmHsDIRlcUserPacketThp, Cell.Ericsson.HSDSCH_service_throughput.Avg_pmHsDIRlcTotPacketThp, Cell.Ericsson.HSDSCH_service_throughput.pmHsDIRlcUserPacketThp_Avg
Data table for average throughput	Cell.Cell_Name, BSC.BSC_Id, BSC.BSC_Name, Cell.Cell_Id, Cell.Ericsson.HSDSCH_service_throughput.Avg_pmHsDIRlcUserPacketThp, Cell.Ericsson.HSDSCH_service_throughput.Avg_pmHsDIRlcTotPacketThp, Cell.Ericsson.HSDSCH_service_throughput.pmHsDIRlcUserPacketThp

hp_Avg

9.4.21 Cell MBMS Service Availability

This report displays the cell MBMS service availability. i.e. the time that the MBMS service within the cell is available.

Report Feature	Details
Report Tree Branch	System.UMTS.Engineering.UTRAN.Ericsson.Cell
Primary Object	Cell
Cell MBMS availability.	Cell.Ericsson.Cell_MBMS_availability.pmMbmsDowntimeAuto, Cell.Ericsson.Cell_MBMS_availability.pmMbmsDowntimeMan
Data table for Cell MBMS availability.	Cell.Cell_Name, BSC.BSC_Id, BSC.BSC_Name, Cell.Cell_Id, Cell.Ericsson.Cell_MBMS_availability.pmMbmsDowntimeAuto, Cell.Ericsson.Cell_MBMS_availability.pmMbmsDowntimeMan, Cell.Ericsson.Cell_MBMS_availability._%_Ave_Mbmscell_availability

9.4.22 Cell Paging

This report displays cell paging.

Report Feature	Details
Report Tree Branch	System.UMTS.Engineering.UTRAN.Ericsson.Cell
Primary Object	Cell
Paging.	Cell.Ericsson.paging_counters.pmnopagingattemptninitdch, Cell.Ericsson.paging_counters.pmnopagingattemptutranrejected
Data report for paging.	BSC.BSC_Id, BSC.BSC_Name, Cell.Ericsson.paging_counters.pmnopagingattemptutranrejected, Cell.Ericsson.paging_counters.pmnopagingattemptninitdch, Cell.Cell_Id, Cell.Cell_Name

9.4.23 Cell RAB Establishment and Release

This report displays cell RAB establishment and release.(RAB establishment success)

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Report Feature	Details
Report Tree Branch	System.UMTS.Engineering.UTRAN.Ericsson.Cell
Primary Object	Cell
% RAB establishment successful.	Cell.Ericsson.rab_establishments_and_release._%_RAB_Establishment_Success_Speech, Cell.Ericsson.rab_establishments_and_release._%_RAB_Establishment_Success_CS_Data, Cell.Ericsson.rab_establishments_and_release._%_RAB_Establishment_Success_PS_Data
RAB establishment successful.	Cell.Ericsson.rab_establishments_and_release.pmNoRabEstablishSuccessSpeech, Cell.Ericsson.rab_establishments_and_release.pmNoRabEstablishSuccessCs57, Cell.Ericsson.rab_establishments_and_release.pmNoRabEstablishSuccessPacketInteractive, Cell.Ericsson.rab_establishments_and_release.pmNoRabEstablishSuccessPacketStream, Cell.Ericsson.rab_establishments_and_release.pmNoRabEstablishSuccessCS64
Data table for RAB establishment and release	BSC.BSC_Id, BSC.BSC_Name, Cell.Cell_Id, Cell.Ericsson.rab_establishments_and_release._%_RAB_Establishment_Success_Speech, Cell.Ericsson.rab_establishments_and_release._%_RAB_Establishment_Success_CS_Data, Cell.Ericsson.rab_establishments_and_release._%_RAB_Establishment_Success_PS_Data, Cell.Ericsson.rab_establishments_and_release.pmNoRabEstablishSuccessCs57, Cell.Ericsson.rab_establishments_and_release.pmNoRabEstablishSuccessCS64, Cell.Ericsson.rab_establishments_and_release.pmNoRabEstablishSuccessSpeech, Cell.Ericsson.rab_establishments_and_release.pmNoRabEstablishSuccessPacketInteractive, Cell.Ericsson.rab_establishments_and_release.pmNoRabEstablishSuccessPacketStream, Cell.Cell_Name

9.4.24 Cell RRC Connections

This report displays RRC connections (include counters for the number of RRC connection setup attempts, successes, failures and those abnormally disconnected).

Report Feature	Details
Report Tree Branch	System.UMTS.Engineering.UTRAN.Ericsson.Cell
Primary Object	Cell
Data table for RRC connections	BSC.BSC_Id, BSC.BSC_Name, Cell.Cell_Id, Cell.Ericsson.rrc_connection_setup_and_release._%_RRC_Connection_Setup_Success_PS, Cell.Ericsson.rrc_connection_setup_and_release._%_RRC_Connection_Setup_SuccessCS, Cell.Ericsson.rrc_connection_setup_and_release._%_abnormal_disconnection_dch, Cell.Ericsson.rrc_connection_setup_and_release._%_abnormal_disconnection_cch, Cell.Ericsson.rrc_connection_setup_and_release.pmtotnorrconnectre q, Cell.Ericsson.rrc_connection_setup_and_release.pmtotnorrconnectre qsuccess, Cell.Cell_Name
% RRC connections.	Cell.Ericsson.rrc_connection_setup_and_release._%_RRC_Connection_Setup_SuccessCS, Cell.Ericsson.rrc_connection_setup_and_release._%_RRC_Connection_Setup_Success_PS
% Abnormal RCC disconnects.	Cell.Ericsson.rrc_connection_setup_and_release._%_abnormal_disconnection_cch, Cell.Ericsson.rrc_connection_setup_and_release._%_abnormal_disconnection_dch
Total RRC connections.	Cell.Ericsson.rrc_connection_setup_and_release.pmtotnorrconnectre q, Cell.Ericsson.rrc_connection_setup_and_release.pmtotnorrconnectre qsuccess

9.4.25 Cell Servicing HSDSCH Cell Handover

This report displays the statistics for handover that occurred in the Servicing HSDSCH Cell. This excludes the hard handover which will be monitored in another report.

Report Feature	Details
Report Tree Branch	System.UMTS.Engineering.UTRAN.Ericsson.Cell

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Primary Object	Cell
Graph for Servicing HSDSCH Cell Handover	Cell.Ericsson.Handover_HSDSCH.pmNoHsCcAttempt, Cell.Ericsson.Handover_HSDSCH.pmNoHsCcSuccess, Cell.Ericsson.Handover_HSDSCH._%_HsCCSuccess
Data table for Servicing HSDSCH Cell Handover	BSC.BSC_Id, BSC.BSC_Name, Cell.Ericsson.Handover_HSDSCH._%_HsCCSuccess, Cell.Ericsson.Handover_HSDSCH.pmNoHsCcSuccess, Cell.Ericsson.Handover_HSDSCH.pmNoHsCcAttempt, Cell.Cell_Id, Cell.Cell_Name

9.4.26 Cell Servicing HSDSCH Cell Hard HO

This report displays the statistics for hard handover that occurred in the Servicing HSDSCH Cell.

Report Feature	Details
Report Tree Branch	System.UMTS.Engineering.UTRAN.Ericsson.Cell
Primary Object	Cell
Graph for Servicing HSDSCH Cell Hard Handover	Cell.Ericsson.Hard_Handover_HSDSCH._%_IncomingHsHardHoSuccess_Src, Cell.Ericsson.Hard_Handover_HSDSCH._%_OutgoingHsHardHoSuccess_Tgt
Data table for Servicing HSDSCH Cell Hard Handover	BSC.BSC_Id, BSC.BSC_Name, Cell.Cell_Id, Cell.Ericsson.Hard_Handover_HSDSCH.pmNoIncomingHsHardHoAttempt, Cell.Ericsson.Hard_Handover_HSDSCH.pmNoHsHardHoReturnOldChTarget, Cell.Ericsson.Hard_Handover_HSDSCH.pmNoIncomingHsHardHoSuccess, Cell.Ericsson.Hard_Handover_HSDSCH._%_IncomingHsHardHoSuccess_Src, Cell.Ericsson.Hard_Handover_HSDSCH.pmNoOutgoingHsHardHoAttempt, Cell.Ericsson.Hard_Handover_HSDSCH.pmNoHsHardHoReturnOldChSource, Cell.Ericsson.Hard_Handover_HSDSCH.pmNoOutgoingHsHardHoSuccess, Cell.Ericsson.Hard_Handover_HSDSCH._%_OutgoingHsHardHoSuccess_Tgt, Cell.Cell_Name

9.4.27 Cell Traffic DL bearer traffic

This report displays cell traffic - DL bearer traffic

Report Feature	Details
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Report Tree Branch	System.UMTS.Engineering.UTRAN.Ericsson.Cell
Primary Object	Cell
DL bearer PS traffic.	Cell.Ericsson.traffic_volume.pmdltrafficvolumepscommon, Cell.Ericsson.traffic_volume.pmdlTrafficVolumePsStr64Ps8, Cell.Ericsson.traffic_volume.pmdltrafficvolumeps384, Cell.Ericsson.traffic_volume.pmdltrafficvolumeps128, Cell.Ericsson.traffic_volume.pmdltrafficvolumeps64
DL bearer CS traffic.	Cell.Ericsson.traffic_volume.pmdltrafficvolumecs12, Cell.Ericsson.traffic_volume.pmdltrafficvolumecs57, Cell.Ericsson.traffic_volume.pmdltrafficvolumecs12ps64, Cell.Ericsson.traffic_volume.pmdltrafficvolumecs12ps0, Cell.Ericsson.traffic_volume.pmdltrafficvolumecs64
DL bearer traffic.	BSC.BSC_Name, Cell.Ericsson.traffic_volume.pmdltrafficvolumepscommon, Cell.Ericsson.traffic_volume.pmdlTrafficVolumePsStr64Ps8, Cell.Ericsson.traffic_volume.pmdltrafficvolumeps384, Cell.Ericsson.traffic_volume.pmdltrafficvolumeps128, Cell.Ericsson.traffic_volume.pmdltrafficvolumeps64, Cell.Ericsson.traffic_volume.pmdltrafficvolumecs12ps64, Cell.Ericsson.traffic_volume.pmdltrafficvolumecs12ps0, Cell.Ericsson.traffic_volume.pmdltrafficvolumecs64, Cell.Ericsson.traffic_volume.pmdltrafficvolumecs57, Cell.Ericsson.traffic_volume.pmdltrafficvolumecs12, Cell.Cell_Id, Cell.Cell_Name

9.4.28 Cell Traffic Total Traffic

This report displays cell traffic - Total traffic

Report Feature	Details
Report Tree Branch	System.UMTS.Engineering.UTRAN.Ericsson.Cell
Primary Object	Cell
Total traffic.	Cell.Ericsson.traffic_volume.total_cs_traffic, Cell.Ericsson.traffic_volume.total_ps_traffic, Cell.Ericsson.traffic_volume.total_dl_traffic, Cell.Ericsson.traffic_volume.total_ul_traffic

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Total traffic table	Cell.BSC_Id, RNC.RNC_Name, Cell.Cell_Id, Cell.Ericsson.traffic_volume.total_cs_traffic, Cell.Ericsson.traffic_volume.total_ps_traffic, Cell.Ericsson.traffic_volume.total_ul_traffic, Cell.Ericsson.traffic_volume.total_dl_traffic, Cell.Ericsson.traffic_volume.total_cs_ul_traffic, Cell.Ericsson.traffic_volume.total_cs_dl_traffic, Cell.Ericsson.traffic_volume.total_ps_ul_traffic, Cell.Ericsson.traffic_volume.total_ps_dl_traffic, Cell.Ericsson.traffic_volume.total_traffic, Cell.Cell_Name
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9.4.29 Cell Traffic UL bearer traffic

This report displays cell traffic - UL bearer traffic

Report Feature	Details
Report Tree Branch	System.UMTS.Engineering.UTRAN.Ericsson.Cell
Primary Object	Cell
UL bearer PS traffic.	Cell.Ericsson.traffic_volume.pmultraffivolumepscommon, Cell.Ericsson.traffic_volume.pmUITrafficVolumePsStr64Ps8, Cell.Ericsson.traffic_volume.pmultraffivolumeps384, Cell.Ericsson.traffic_volume.pmultraffivolumeps128, Cell.Ericsson.traffic_volume.pmultraffivolumeps64
UL bearer CS traffic.	Cell.Ericsson.traffic_volume.pmultraffivolumecs12, Cell.Ericsson.traffic_volume.pmultraffivolumecs57, Cell.Ericsson.traffic_volume.pmultraffivolumecs12ps64, Cell.Ericsson.traffic_volume.pmultraffivolumecs12ps0, Cell.Ericsson.traffic_volume.pmultraffivolumecs64
UL bearer traffic.	Cell.BSC_Id, RNC.RNC_Name, Cell.Cell_Id, Cell.Ericsson.traffic_volume.pmultraffivolumecs12, Cell.Ericsson.traffic_volume.pmultraffivolumecs57, Cell.Ericsson.traffic_volume.pmultraffivolumecs64, Cell.Ericsson.traffic_volume.pmultraffivolumecs12ps0, Cell.Ericsson.traffic_volume.pmultraffivolumecs12ps64, Cell.Ericsson.traffic_volume.pmultraffivolumeps64, Cell.Ericsson.traffic_volume.pmultraffivolumeps128, Cell.Ericsson.traffic_volume.pmultraffivolumeps384, Cell.Ericsson.traffic_volume.pmUITrafficVolumePsStr64Ps8, Cell.Ericsson.traffic_volume.pmultraffivolumepscommon, Cell.Cell_Name

9.4.30 Cell Updating

This report displays cell updating (periodic and cell reselection, RRC cell update message received with cell update cause = cell reselection or periodic cell update)

Report Feature	Details
Report Tree Branch	System.UMTS.Engineering.UTRAN.Ericsson.Cell
Primary Object	Cell
% Cell update.	Cell.Ericsson.cell_updating._%_Cell_Update_Success
Data table for cell updating.	BSC.BSC_Id, BSC.BSC_Name, Cell.Ericsson.cell_updating._%_Cell_Update_Success, Cell.Ericsson.cell_updating.pmnocellupdsuccess, Cell.Ericsson.cell_updating.cmtotnocellupdfailed, Cell.Ericsson.cell_updating.pmnocellupdattempt, Cell.Cell_Id, Cell.Cell_Name

9.5 Downlink_Baseband_Pool Reports.

This section shows reports for the Downlink_Baseband_Pool object.

- [Downlink Baseband Pool capacity](#)
- [DownLink BaseBand Pool Hardware Usage Report](#)

9.5.1 Downlink Baseband Pool capacity

Report showing capacity information for the downlink baseband pool

Report Feature	Details
Report Tree Branch	System.UMTS.Engineering.UTRAN.Ericsson.Downlink_Baseband_Pool
Primary Object	Downlink_Baseband_Pool
Failed channel allocation	Downlink_Baseband_Pool.Ericsson.hardware_usage_statistics._%_Failed_CapacityAllocAttDICE
Capacity	Downlink_Baseband_Pool.DownlinkBB_Pool_Id, Downlink_Baseband_Pool.DownlinkBB_Pool_Name, Downlink_Baseband_Pool.NodeB_Id, Downlink_Baseband_Pool.RNC_Id,

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	Downlink_Baseband_Pool.Ericsson.hardware_usage_statistics._ %_Failed_CapacityAllocAttDlCe, Downlink_Baseband_Pool.Ericsson.hardware_usage_statistics.pmCapa cityAllocAttDlCe, Downlink_Baseband_Pool.Ericsson.hardware_usage_statistics.pmCapa cityAllocRejDlCe, Downlink_Baseband_Pool.Ericsson.hardware_usage_statistics.pmCapa cityDlCe_Avg, Downlink_Baseband_Pool.Ericsson.hardware_usage_statistics.pmCapa cityDlCe_Max, Downlink_Baseband_Pool.Ericsson.hardware_usage_statistics.pmCapa cityDlCe_Min, NodeB.NodeB_Name, RNC.RNC_Name
--	---

9.5.2 DownLink BaseBand Pool Hardware Usage Report

This report displays the DownLink BaseBand Pool Hardware resource usage

Report Feature	Details
Report Tree Branch	System.UMTS.Engineering.UTRAN.Ericsson.DownLink_Baseband_Pool
Primary Object	Downlink_Baseband_Pool
Usage per SF4 SF8 SF16 SF32	Downlink_Baseband_Pool.Ericsson.hardware_usage_statistics.pmNoOf RadioLinksSf4, Downlink_Baseband_Pool.Ericsson.hardware_usage_statistics.pmNoOf RadioLinksSf8, Downlink_Baseband_Pool.Ericsson.hardware_usage_statistics.pmNoOf RadioLinksSf16, Downlink_Baseband_Pool.Ericsson.hardware_usage_statistics.pmNoOf RadioLinksSf32
Usage per SF64 SF128 SF256	Downlink_Baseband_Pool.Ericsson.hardware_usage_statistics.pmNoOf RadioLinksSf64, Downlink_Baseband_Pool.Ericsson.hardware_usage_statistics.pmNoOf RadioLinksSf128, Downlink_Baseband_Pool.Ericsson.hardware_usage_statistics.pmNoOf RadioLinksSf256
Data table for Pool Hardware Usage	Downlink_Baseband_Pool.DownlinkBB_Pool_Id, Downlink_Baseband_Pool.NodeB_Id, Downlink_Baseband_Pool.Ericsson.hardware_usage_statistics.pmNoOf RadioLinksSf256, Downlink_Baseband_Pool.Ericsson.hardware_usage_statistics.pmNoOf RadioLinksSf128, Downlink_Baseband_Pool.Ericsson.hardware_usage_statistics.pmNoOf

	RadioLinksSf64, Downlink_Baseband_Pool.Ericsson.hardware_usage_statistics.pmNoOf RadioLinksSf32, Downlink_Baseband_Pool.Ericsson.hardware_usage_statistics.pmNoOf RadioLinksSf16, Downlink_Baseband_Pool.Ericsson.hardware_usage_statistics.pmNoOf RadioLinksSf8, Downlink_Baseband_Pool.Ericsson.hardware_usage_statistics.pmNoOf RadioLinksSf4, NodeB.NodeB_Name
--	--

9.6 EthernetSwitchModulePort Reports.

This section shows reports for the EthernetSwitchModulePort object.

- [EthernetSwitchModulePort traffic](#)

9.6.1 EthernetSwitchModulePort traffic

EthernetSwitchModulePort traffic report.

Report Feature	Details
Report Tree Branch	System.UMTS.Engineering.UTRAN.Ericsson.EthernetSwitchModulePort
Primary Object	EthernetSwitchModulePort
Incoming octet traffic	EthernetSwitchModulePort.Ericsson.EthernetSwitchModulePort.pmIfInOctetsHi, EthernetSwitchModulePort.Ericsson.EthernetSwitchModulePort.pmIfInOctetsLo
Outgoing octet traffic	EthernetSwitchModulePort.Ericsson.EthernetSwitchModulePort.pmIfOutOctetsHi, EthernetSwitchModulePort.Ericsson.EthernetSwitchModulePort.pmIfOutOctetsLo
Traffic data	EthernetSwitchModulePort.EthernetSwitchModulePort_Id, EthernetSwitchModulePort.EthSwModPort_Name, EthernetSwitchModulePort.NodeB_Id, EthernetSwitchModulePort.RNC_Id, EthernetSwitchModulePort.Ericsson.EthernetSwitchModulePort.pmIfInOctetsHi,

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EthernetSwitchModulePort.Ericsson.EthernetSwitchModulePort.pmIfInOctetsLo, EthernetSwitchModulePort.Ericsson.EthernetSwitchModulePort.pmIfOutOctetsHi, EthernetSwitchModulePort.Ericsson.EthernetSwitchModulePort.pmIfOutOctetsLo

9.7 EthernetSwitchPort Reports.

This section shows reports for the EthernetSwitchPort object.

- [EthernetSwitchPort IP Traffic Report](#)

9.7.1 EthernetSwitchPort IP Traffic Report

This report displays the EthernetSwitchPort ingress and egress octets through the switch.

Report Feature	Details
Report Tree Branch	System.UMTS.Engineering.UTRAN.Ericsson.EthernetSwitchPort
Primary Object	EthernetSwitchPort
Data table for In Out Octet Traffic	Plug_In_Unit.Plug_In_Unit_Name, EthernetSwitchPort.EthernetSwitchPort_Name, RNC.RNC_Id, RNC.RNC_Name, Plug_In_Unit.Plug_In_Unit_Id, EthernetSwitchPort.EthernetSwitchPort_Id, EthernetSwitchPort.Ericsson.SwitchPort_Statistics.pmIfInOctets, EthernetSwitchPort.Ericsson.SwitchPort_Statistics.pmIfOutOctets, EthernetSwitchPort.Ericsson.SwitchPort_Statistics.Tot_pmIfInOutOctets
In Out Octet Traffic	EthernetSwitchPort.Ericsson.SwitchPort_Statistics.pmIfInOctets, EthernetSwitchPort.Ericsson.SwitchPort_Statistics.pmIfOutOctets

9.8 InternalEthernetPort Reports.

This section shows reports for the InternalEthernetPort object.

- [Internal Ethernet Port Interface Traffic Report](#)

9.8.1 Internal Ethernet Port Interface Traffic Report

This report displays the InternalEthernetPort ingress and egress octets through the interface.

Report Feature	Details
Report Tree Branch	System.UMTS.Engineering.UTRAN.Ericsson.InternalEthernetPort

Primary Object	InternalEthernetPort
In Out Octet Traffic	InternalEthernetPort.Ericsson.InternalEthernetPort_Stat.pmIfInOctets, InternalEthernetPort.Ericsson.InternalEthernetPort_Stat.pmIfOutOctets
Data table for In Out Octet Traffic	Plug_In_Unit.Plug_In_Unit_Name, InternalEthernetPort.InternalEthernetPort_Name, RNC.RNC_Id, RNC.RNC_Name, Plug_In_Unit.Plug_In_Unit_Id, InternalEthernetPort.InternalEthernetPort_Id, InternalEthernetPort.Ericsson.InternalEthernetPort_Stat.pmIfInOctets, InternalEthernetPort.Ericsson.InternalEthernetPort_Stat.pmIfOutOctets

9.9 IuBcLink Reports.

This section shows reports for the IuBcLink object.

- [IuBcLink Sabp messages](#)

9.9.1 IuBcLink Sabp messages

IuBcLink sabp messages

Report Feature	Details
Report Tree Branch	System.UMTS.Engineering.UTRAN.Ericsson.IuBcLink
Primary Object	IuBcLink
Message traffic	IuBcLink.Ericsson.SABP.pmNoSentSabpMsgs, IuBcLink.Ericsson.SABP.pmNoReceivedSabpMsgs
Message data	IuBcLink.IuBcLink_Id, IuBcLink.IuBcLink_Name, IuBcLink.RNC_Id, IuBcLink.Ericsson.SABP.pmNoReceivedSabpMsgs, IuBcLink.Ericsson.SABP.pmNoSentSabpMsgs

9.10 Iub Reports.

This section shows reports for the Iub object.

- [Iub Congestion Report](#)

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9.10.1 Iub Congestion Report

This report displays Iub link congestion times and number of occurrences.

Report Feature	Details
Report Tree Branch	System.UMTS.Engineering.UTRAN.Ericsson.Iub
Primary Object	Iub
Data table for Iur Congestion	RNC.RNC_Id, RNC.RNC_Name, Iub.Iub_Id, Iub.Ericsson.Link_Availability.pmTotalTimeIubLinkUnavail, Iub.Ericsson.Link_Availability.pmTotalTimeIubLinkCongestedDl, Iub.Ericsson.Link_Availability.pmHsSevereCong

9.11 Neighbour Reports.

This section shows reports for the Neighbour object.

- [Neighbour Inter Frequency Hard Handover](#)
- [Neighbour IRAT Handover](#)
- [Neighbour Soft Softer Handover](#)

9.11.1 Neighbour Inter Frequency Hard Handover

This report displays inter frequency hard handover

Report Feature	Details
Report Tree Branch	System.UMTS.Engineering.UTRAN.Ericsson.Neighbour
Primary Object	Neighbour
% HHO success.	Neighbour.Ericsson.Inter_frequency_handover.Succ_CS_speech_interfreq_HHO, Neighbour.Ericsson.Inter_frequency_handover.Succ_CS_non_speech_interfreq_HHO, Neighbour.Ericsson.Inter_frequency_handover.Succ_others_interfreq_HHO, Neighbour.Ericsson.Inter_frequency_handover.Succ_PS_interactive_interfreq_HHO_less_64, Neighbour.Ericsson.Inter_frequency_handover.Succ_PS_interactive_interfreq_HHO_greater_64
Data table for % hard handover success.	Neighbour.Neighbour_Id, Neighbour.Ericsson.Inter_frequency_handover.Succ_CS_speech_interfreq_HHO, Neighbour.Ericsson.Inter_frequency_handover.Succ_others_interfreq_HHO,

	Neighbour.Ericsson.Inter_frequency_handover.Succ_PS_interactive_interfreq_HHO_less_64, Neighbour.Ericsson.Inter_frequency_handover.Succ_PS_interactive_interfreq_HHO_greater_64, Neighbour.Ericsson.Inter_frequency_handover.Succ_CS_non_speech_interfreq_HHO, Neighbour.Neighbour_Name
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9.11.2 Neighbour IRAT Handover

This report displays neighbour IRAT handover

Report Feature	Details
Report Tree Branch	System.UMTS.Engineering.UTRAN.Ericsson.Neighbour
Primary Object	Neighbour
Data table for IRAT	Neighbour.Neighbour_Id, Neighbour.Source_Cell_Id, Neighbour.Target_Cell_Id, Neighbour.Ericsson.inter_radio_access_technology_handover_outgoing.pmNoAttOutIratHoSpeech, Neighbour.Ericsson.inter_radio_access_technology_handover_outgoing.pmNoSuccessOutIratHoSpeech, Neighbour.Ericsson.inter_radio_access_technology_handover_outgoing.pmNoAttOutIratHoCs57, Neighbour.Ericsson.inter_radio_access_technology_handover_outgoing.pmNoSuccessOutIratHoCs57, Neighbour.Ericsson.inter_radio_access_technology_handover_outgoing.pmNoAttOutIratHoStandalone, Neighbour.Ericsson.inter_radio_access_technology_handover_outgoing.pmNoSuccessOutIratHoStandalone, Neighbour.Ericsson.inter_radio_access_technology_handover_outgoing.pmNoAttOutIratHoMulti, Neighbour.Ericsson.inter_radio_access_technology_handover_outgoing.pmNoSuccessOutIratHoMulti, Neighbour.Neighbour_Name, Cell.Cell_Name
Speech.	Neighbour.Ericsson.inter_radio_access_technology_handover_outgoing.pmNoAttOutIratHoSpeech, Neighbour.Ericsson.inter_radio_access_technology_handover_outgoing.pmNoSuccessOutIratHoSpeech

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Multi RAB.	Neighbour.Ericsson.inter_radio_access_technology_handover_outgoing. .pmNoAttOutIratHoMulti, Neighbour.Ericsson.inter_radio_access_technology_handover_outgoing. .pmNoSuccessOutIratHoMulti
Standalone.	Neighbour.Ericsson.inter_radio_access_technology_handover_outgoing. .pmNoAttOutIratHoStandalone, Neighbour.Ericsson.inter_radio_access_technology_handover_outgoing. .pmNoSuccessOutIratHoStandalone
CS57.	Neighbour.Ericsson.inter_radio_access_technology_handover_outgoing. .pmNoAttOutIratHoCs57, Neighbour.Ericsson.inter_radio_access_technology_handover_outgoing. .pmNoSuccessOutIratHoCs57

9.11.3 Neighbour Soft Softer Handover

This report displays neighbour soft/softer handover

Report Feature	Details
Report Tree Branch	System.UMTS.Engineering.UTRAN.Ericsson.Neighbour
Primary Object	Neighbour
Data report for soft/softer handover.	Neighbour.Neighbour_Id, Neighbour.Source_Cell_Id, Neighbour.Ericsson.soft_softer_handover.pmRIAddSuccessBestCellCs Convers, Neighbour.Ericsson.soft_softer_handover.pmRIAddAttemptsBestCellC sConvers, Neighbour.Ericsson.soft_softer_handover.pmRIAddSuccessBestCellPa cketHigh, Neighbour.Ericsson.soft_softer_handover.pmRIAddAttemptsBestCellP acketHigh, Neighbour.Ericsson.soft_softer_handover.pmRIAddSuccessBestCellPa cketLow, Neighbour.Ericsson.soft_softer_handover.pmRIAddAttemptsBestCellP acketLow, Neighbour.Ericsson.soft_softer_handover.pmRIAddSuccessBestCellSp eech, Neighbour.Ericsson.soft_softer_handover.pmRIAddAttemptsBestCells peech, Neighbour.Ericsson.soft_softer_handover.pmRIAddSuccessBestCellSta ndAlone, Neighbour.Ericsson.soft_softer_handover.pmRIAddAttemptsBestCellSt andAlone, Neighbour.Ericsson.soft_softer_handover.pmRIAddSuccessBestCellStr

	eam, Neighbour.Ericsson.soft_softer_handover.pmRIAddAttemptsBestCellStream, Neighbour.Target_Cell_Id, Cell.Cell_Name
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9.12 NodeB Reports.

This section shows reports for the NodeB object.

- [NodeB EDCh Bit Rate through Iub](#)
- [NodeB IubDatastreams Dataframe Report](#)
- [NodeB Iub Received MACPDU](#)
- [NodeB Target HS Rate](#)

9.12.1 NodeB EDCh Bit Rate through Iub

This report describes the measurement of the E-DCH Iub bit rate sent by the RBS in uplink over Iub in bits.

Report Feature	Details
Report Tree Branch	System.UMTS.Engineering.UTRAN.Ericsson.NodeB
Primary Object	NodeB
Table for EDCh Iub Bit Rate	NodeB.NodeB_Name, NodeB.NodeB_Id, NodeB.Ericsson.IubDataStreams.Hardware_usage.pmEdchIubMeasRate_Avg, NodeB.Ericsson.IubDataStreams.Hardware_usage.pmEdchIubMeasRate_Max, NodeB.Ericsson.IubDataStreams.Hardware_usage.pmEdchIubMeasRate_Min

9.12.2 NodeB IubDatastreams Dataframe Report

This report displays the high-speed data frames statistics over Iub in the RBS.

Report Feature	Details
Report Tree Branch	System.UMTS.Engineering.UTRAN.Ericsson.NodeB
Primary Object	NodeB

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Graph for Dataframe statistics	NodeB.Ericsson.IubDataStreams.Hardware_usage.pmHsDataFramesLost, NodeB.Ericsson.IubDataStreams.Hardware_usage.pmHsDataFramesReceived
Table for Dataframe statistics	NodeB.NodeB_Id, NodeB.NodeB_Name, NodeB.Ericsson.IubDataStreams.Hardware_usage.pmHsDataFramesLost, NodeB.Ericsson.IubDataStreams.Hardware_usage.pmHsDataFramesReceived

9.12.3 NodeB IuB Received MACPDU

This report displays the Received numbers of Iub Media Access Control dedicated Power Distribution Unit (MAC-d PDU) bits every second.

Report Feature	Details
Report Tree Branch	System.UMTS.Engineering.UTRAN.Ericsson.NodeB
Primary Object	NodeB
Graph for Received MACPDU	NodeB.Ericsson.IubDataStreams.Hardware_usage.pmIubMacdPduRbsReceivedBits_Avg
Table for Received MACPDU	NodeB.NodeB_Name, NodeB.NodeB_Id, NodeB.Ericsson.IubDataStreams.Hardware_usage.pmIubMacdPduRbsReceivedBits_Avg, NodeB.Ericsson.IubDataStreams.Hardware_usage.pmIubMacdPduRbsReceivedBits_Max, NodeB.Ericsson.IubDataStreams.Hardware_usage.pmIubMacdPduRbsReceivedBits_Min

9.12.4 NodeB Target HS Rate

This report displays Target high-speed rate as percentage of the value of the maxHsRate parameter.

Report Feature	Details
Report Tree Branch	System.UMTS.Engineering.UTRAN.Ericsson.NodeB
Primary Object	NodeB
Graph for Target HS Rate	NodeB.Ericsson.IubDataStreams.Hardware_usage.pmTargetHsRate_Avg
Table for Target HS Rate	RNC.RNC_Name, NodeB.RNC_Id, NodeB.Ericsson.IubDataStreams.Hardware_usage.pmTargetHsRate_Avg,

	NodeB.Ericsson.IubDataStreams.Hardware_usage.pmTargetHsRate_Max, NodeB.Ericsson.IubDataStreams.Hardware_usage.pmTargetHsRate_Min
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9.13 RNC Reports.

This section shows reports for the RNC object.

- [RNC Channel Quality](#)
- [RNC CS-CN Availability](#)
- [RNC HSDPA Tx Burst on Interactive RAB](#)
- [RNC NonHSDPA Transmission Burst on RABs](#)
- [RNC Processor Load](#)
- [RNC Traffic](#)

9.13.1 RNC Channel Quality

This report displays RNC channel quality

Report Feature	Details
Report Tree Branch	System.UMTS.Engineering.UTRAN.Ericsson.RNC
Primary Object	RNC
Data table for channel quality	RNC.RNC_Id, RNC.RNC_Name, RNC.Ericsson.channel_quality._%_CS57_UL_BLER (DA), RNC.Ericsson.channel_quality._%_CS64_UL_BLER (DA), RNC.Ericsson.channel_quality._%_speech_PS64_UL_BLER (DA), RNC.Ericsson.channel_quality._%_PS_interactive_UL_BLER (DA), RNC.Ericsson.channel_quality._%_PS_streaming_UL_BLER (DA), RNC.Ericsson.channel_quality._%_speech_UL_BLER (DA), RNC.Ericsson.traffic_volume.total_traffic (DA)
% UL BLER PS.	RNC.Ericsson.channel_quality._%_PS_interactive_UL_BLER, RNC.Ericsson.channel_quality._%_PS_streaming_UL_BLER, RNC.Ericsson.channel_quality._%_speech_PS64_UL_BLER
% UL BLER CS.	RNC.Ericsson.channel_quality._%_speech_UL_BLER, RNC.Ericsson.channel_quality._%_CS57_UL_BLER, RNC.Ericsson.channel_quality._%_CS64_UL_BLER

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9.13.2 RNC CS-CN Availability

This report displays RNC CS-CN service downtime.

Report Feature	Details
Report Tree Branch	System.UMTS.Engineering.UTRAN.Ericsson.RNC
Primary Object	RNC
% CS-CN Downtime	RNC.Ericsson.CN_Service._%_pmCsCnDowntime
Data table for CS-CN Downtime	RNC.RNC_Id, RNC.RNC_Name, RNC.Ericsson.CN_Service._%_pmCsCnDowntime, RNC.Ericsson.CN_Service.pmCsCnDowntime

9.13.3 RNC HSDPA Tx Burst on Interactive RAB

This reports displays the HSDPA transmission traffic statistics on Interactive RABs

Report Feature	Details
Report Tree Branch	System.UMTS.Engineering.UTRAN.Ericsson.RNC
Primary Object	RNC
Graph for HSDDPA Transmission on Interactive RAB	RNC.Ericsson.HSDPA_Packet_Data.Tot_pmNoOfPacketCallDurationHs, RNC.Ericsson.HSDPA_Packet_Data.Tot_pmSentPacketDataHs, RNC.Ericsson.HSDPA_Packet_Data.Tot_pmSentPacketDataInclRetransHs
Data table for HSDPA Transmission on Interactive RAB	RNC.RNC_Id, RNC.RNC_Name, RNC.Ericsson.HSDPA_Packet_Data.Tot_pmSentPacketDataInclRetransHs, RNC.Ericsson.HSDPA_Packet_Data.Tot_pmSentPacketDataHs, RNC.Ericsson.HSDPA_Packet_Data.Tot_pmNoOfPacketCallDurationHs

9.13.4 RNC NonHSDPA Transmission Burst on RABs

This reports displays the non-HSDPA transmission traffic statistics on Interactive RABs

Report Feature	Details
Report Tree Branch	System.UMTS.Engineering.UTRAN.Ericsson.RNC
Primary Object	RNC
Graph for non-HSDDPA Transmission on RAB	RNC.Ericsson.Packet_Data.Tot_pmNoOfPacketCallDuration, RNC.Ericsson.Packet_Data.Tot_pmSentPacketData, RNC.Ericsson.Packet_Data.Tot_pmSentPacketDataInclRetrans

Data table for non-HSDPA Transmission on RAB	RNC.RNC_Id, RNC.RNC_Name, RNC.Ericsson.Packet_Data.Tot_pmSentPacketDataInclRetrans, RNC.Ericsson.Packet_Data.Tot_pmSentPacketData, RNC.Ericsson.Packet_Data.Tot_pmNoOfPacketCallDuration
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9.13.5 RNC Processor Load

This report defines RNC processor load

Report Feature	Details
Report Tree Branch	System.UMTS.Engineering.UTRAN.Ericsson.RNC
Primary Object	RNC
Processor load.	Plug_In_Unit.Ericsson.RNC_Processor_Load.pmProcessorLoad
Data table for processor load.	RNC.RNC_Id, RNC.RNC_Name, Plug_In_Unit.Ericsson.RNC_Processor_Load.pmProcessorLoad (DA), RNC.Ericsson.traffic_volume.total_traffic

9.13.6 RNC Traffic

This report displays RNC traffic

Report Feature	Details
Report Tree Branch	System.UMTS.Engineering.UTRAN.Ericsson.RNC
Primary Object	RNC
Total traffic.	RNC.Ericsson.traffic_volume.total_dl_traffic, RNC.Ericsson.traffic_volume.total_ul_traffic, RNC.Ericsson.traffic_volume.total_traffic
PS interactive traffic.	RNC.Ericsson.traffic_volume.PS_interactive_DL_payload_FACH, RNC.Ericsson.traffic_volume.PS_interactive_DL_payload_DCH, RNC.Ericsson.traffic_volume.PS_interactive_UL_payload_DCH, RNC.Ericsson.traffic_volume.PS_interactive_UL_payload_RACH
Data table for RNC traffic.	RNC.RNC_Id, RNC.RNC_Name, RNC.Ericsson.traffic_volume.Ave_speech_users (DA), RNC.Ericsson.traffic_volume.PS_interactive_UL_payload_DCH (DA),

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	RNC.Ericsson.traffic_volume.PS_interactive_UL_payload_RACH (DA), RNC.Ericsson.traffic_volume.PS_interactive_DL_payload_DCH (DA), RNC.Ericsson.traffic_volume.PS_interactive_DL_payload_FACH (DA), RNC.Ericsson.traffic_volume.total_dl_traffic (DA), RNC.Ericsson.traffic_volume.total_ul_traffic (DA), RNC.Ericsson.traffic_volume.total_traffic (DA)
Speech user.	RNC.Ericsson.traffic_volume.Ave_speech_users

9.14 RNC_RAB Reports.

This section shows reports for the RNC_RAB object.

- [RAB Channel Quality](#)
- [RAB Establishment and Release](#)
- [RAB Traffic](#)

9.14.1 RAB Channel Quality

This report displays RAB channel quality

Report Feature	Details
Report Tree Branch	System.UMTS.Engineering.UTRAN.Ericsson.RNC_RAB
Primary Object	RNC_RAB
% BER.	RNC_RAB.Ericsson.channel_quality._ %_Block_Error_Rate_UL_Speech, RNC_RAB.Ericsson.channel_quality._ %_Block_Error_Rate_UL_CS_Data, RNC_RAB.Ericsson.channel_quality._ %_Block_Error_Rate_UL_PS_Data
Data table for RAB channel quality.	RNC.RNC_Id, RNC.RNC_Name, RNC_RAB.Ericsson.channel_quality._ %_Block_Error_Rate_UL_Speech, RNC_RAB.Ericsson.channel_quality._ %_Block_Error_Rate_UL_CS_Data, RNC_RAB.Ericsson.channel_quality._ %_Block_Error_Rate_UL_PS_Data, RNC_RAB.BSC_RAB_Id

9.14.2 RAB Establishment and Release

This report displays RAB establishment release

Report Feature	Details
Report Tree Branch	System.UMTS.Engineering.UTRAN.Ericsson.RNC_RAB
Primary Object	RNC_RAB
RAB Establishment and release.	RNC_RAB.Ericsson.establishments_and_release.pmnorabestablishattempts, RNC_RAB.Ericsson.establishments_and_release.pmnorabestablishsuccess, RNC_RAB.Ericsson.establishments_and_release.pmnorabreleaseattempts, RNC_RAB.Ericsson.establishments_and_release.pmnorabreleasesuccess
Data table for RAB establishment and release.	RNC.RNC_Id, RNC.RNC_Name, RNC_RAB.Ericsson.establishments_and_release.pmnorabreleasesuccess, RNC_RAB.Ericsson.establishments_and_release.pmnorabreleaseattempts, RNC_RAB.Ericsson.establishments_and_release.pmnorabestablishsuccess, RNC_RAB.Ericsson.establishments_and_release.pmnorabestablishattempts, RNC_RAB.BSC_RAB_Id

9.14.3 RAB Traffic

This report displays RAB traffic

Report Feature	Details
Report Tree Branch	System.UMTS.Engineering.UTRAN.Ericsson.RNC_RAB
Primary Object	RNC_RAB
RAB Traffic.	RNC_RAB.Ericsson.traffic_volume.pmulrachtrafficvolume, RNC_RAB.Ericsson.traffic_volume.pmdlfachtrafficvolume, RNC_RAB.Ericsson.traffic_volume.pmuldchtrafficvolumeaftercomb, RNC_RAB.Ericsson.traffic_volume.pmdldchtrafficvolumebeforesplit, RNC_RAB.Ericsson.traffic_volume.DCH_Payload_Data
Data table for RAB traffic.	RNC.RNC_Id, RNC.RNC_Name, RNC_RAB.BSC_RAB_Id, RNC_RAB.Ericsson.traffic_volume.pmdldchtrafficvolumebeforesplit, RNC_RAB.Ericsson.traffic_volume.pmuldchtrafficvolumeaftercomb,

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RNC_RAB.Ericsson.traffic_volume.pmdlfachtrafficvolume, RNC_RAB.Ericsson.traffic_volume.pmulrachtrafficvolume, RNC_RAB.Ericsson.traffic_volume.DCH_Payload_Data
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9.15 Radio_Link Reports.

This section shows reports for the Radio_Link object.

- [Radio Link Average Synchronisation Time](#)
- [Radio Link BER Statistics](#)
- [Radio Link Power](#)
- [Radio Link Transmitted Code Power Array](#)

9.15.1 Radio Link Average Synchronisation Time

This report displays NodeB radio link synchronisation time

Report Feature	Details
Report Tree Branch	System.UMTS.Engineering.UTRAN.Ericsson.Radio_Link
Primary Object	Radio_Link
Out of synch time.	Radio_Link.Ericsson.Synchronisation.pmOutOfSynch_Avg
UL synch time.	Radio_Link.Ericsson.Synchronisation.pmUISynchTime_Avg
Data table for synch time.	Radio_Link.RNC_Id, Radio_Link.NodeB_Id, Radio_Link.Radio_Link_Id, Radio_Link.Ericsson.Synchronisation.pmOutOfSynch_Avg, Radio_Link.Ericsson.Synchronisation.pmUISynchTime_Avg, Radio_Link.Ericsson.Synchronisation.pmUISynchTimeSHO_Avg, RNC.RNC_Name, NodeB.NodeB_Name, Radio_Link.Radio_Link_Name
UL synch time Soft HO.	Radio_Link.Ericsson.Synchronisation.pmUISynchTimeSHO_Avg

9.15.2 Radio Link BER Statistics

This report displays BER power statistics for both Dedicated Physical Control Channel (DPCCh) and Dedicated Physical Data Channel (DPDCh).

Report Feature	Details
Report Tree Branch	System.UMTS.Engineering.UTRAN.Ericsson.Radio_Link
Primary Object	Radio_Link
Data table for radio link	RNC.RNC_Name, NodeB.NodeB_Name,

power.	Radio_Link.Radio_Link_Name, Radio_Link.RNC_Id, Radio_Link.NodeB_Id, Radio_Link.Radio_Link_Id, Radio_Link.Ericsson.Power.pmdpcchber_Avg, Radio_Link.Ericsson.Power.pmdpcchber_Min, Radio_Link.Ericsson.Power.pmdpcchber_Max, Radio_Link.Ericsson.Power.pmdpdchber_Avg, Radio_Link.Ericsson.Power.pmdpdchber_Min, Radio_Link.Ericsson.Power.pmdpdchber_Max
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9.15.3 Radio Link Power

This report displays Node B power control per Radio link

Report Feature	Details
Report Tree Branch	System.UMTS.Engineering.UTRAN.Ericsson.Radio_Link
Primary Object	Radio_Link
SIR	Radio_Link.Ericsson.Power.pmaveragesir_Avg, Radio_Link.Ericsson.Power.pmaveragesir_Min, Radio_Link.Ericsson.Power.pmaveragesir_Max
Data table for radio link power	Radio_Link.RNC_Id, Radio_Link.NodeB_Id, Radio_Link.Ericsson.Power.pmAverageSirError_Min, Radio_Link.Ericsson.Power.pmAverageSirError_Max, Radio_Link.Ericsson.Power.pmAverageSirError_Avg, Radio_Link.Ericsson.Power.pmaveragesir_Max, Radio_Link.Ericsson.Power.pmaveragesir_Min, Radio_Link.Ericsson.Power.pmaveragesir_Avg, Radio_Link.Ericsson.Power.pmdpcchber_Max, Radio_Link.Ericsson.Power.pmdpcchber_Min, Radio_Link.Ericsson.Power.pmdpcchber_Avg, Radio_Link.Ericsson.Power.pmdpdchber_Max, Radio_Link.Ericsson.Power.pmdpdchber_Min, Radio_Link.Ericsson.Power.pmdpdchber_Avg, Radio_Link.Radio_Link_Id, Radio_Link.Radio_Link_Name, RNC.RNC_Name, NodeB.NodeB_Name
SIR Error	Radio_Link.Ericsson.Power.pmAverageSirError_Avg, Radio_Link.Ericsson.Power.pmAverageSirError_Min, Radio_Link.Ericsson.Power.pmAverageSirError_Max

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CCH BER	Radio_Link.Ericsson.Power.pmdpccchber_Avg, Radio_Link.Ericsson.Power.pmdpccchber_Min, Radio_Link.Ericsson.Power.pmdpccchber_Max
DCH BER	Radio_Link.Ericsson.Power.pmdpdcchber_Avg, Radio_Link.Ericsson.Power.pmdpdcchber_Min, Radio_Link.Ericsson.Power.pmdpdcchber_Max

9.15.4 Radio Link Transmitted Code Power Array

This report displays NodeB Radio Link Transmitted power per spreading factor.

Report Feature	Details
Report Tree Branch	System.UMTS.Engineering.UTRAN.Ericsson.Radio_Link
Primary Object	Radio_Link
Data table for code power	NodeB.NodeB_Name, RNC.RNC_Name, Radio_Link.Radio_Link_Name, Radio_Link.RNC_Id, Radio_Link.NodeB_Id, Radio_Link.Radio_Link_Id, Radio_Link.Ericsson.Power.pmdpchcodepowersf4_Avg, Radio_Link.Ericsson.Power.pmdpchcodepowersf8_Avg, Radio_Link.Ericsson.Power.pmdpchcodepowersf16_Avg, Radio_Link.Ericsson.Power.pmdpchcodepowersf32_Avg, Radio_Link.Ericsson.Power.pmdpchcodepowersf64_Avg, Radio_Link.Ericsson.Power.pmdpchcodepowersf128_Avg, Radio_Link.Ericsson.Power.pmdpchcodepowersf256_Avg

9.16 RncCapacity Reports.

This section shows reports for the RncCapacity object.

- [RncCapacity](#)

9.16.1 RncCapacity

report showing RncCapacity data

Report Feature	Details
Report Tree Branch	System.UMTS.Engineering.UTRAN.Ericsson.RncCapacity
Primary Object	RncCapacity
Average Capacity	RncCapacity.Ericsson.RncCapacity_statistics.Avg_Capacity, RncCapacity.Ericsson.RncCapacity_statistics.Avg_CapacityRegulation

Capacity	RncCapacity.RncCapacity_Id, RncCapacity.RncCapacity_name, RncCapacity.RNC_Id, RncCapacity.Ericsson.RncCapacity_statistics.Avg_Capacity, RncCapacity.Ericsson.RncCapacity_statistics.Avg_CapacityRegulation, RncCapacity.Ericsson.RncCapacity_statistics.pmSumCapacity, RncCapacity.Ericsson.RncCapacity_statistics.pmSamplesCapacity, RncCapacity.Ericsson.RncCapacity_statistics.pmSumCapacityRegulation , RncCapacity.Ericsson.RncCapacity_statistics.pmSamplesCapacityRegulation, RncCapacity.Ericsson.RncCapacity_statistics.pmTotalTimeCapacityRegulated
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9.17 UpLink_Baseband_Pool Reports.

This section shows reports for the UpLink_Baseband_Pool object.

- [Uplink Baseband Pool capacity](#)
- [UplinkBaseBandPool EUIDCh Resource Allocation](#)
- [UpLink BaseBand Pool Hardware Usage Report](#)

9.17.1 Uplink Baseband Pool capacity

Uplink Baseband Pool capacity data

Report Feature	Details
Report Tree Branch	System.UMTS.Engineering.UTRAN.Ericsson.UpLink_Baseband_Pool
Primary Object	UpLink_Baseband_Pool
%_failed_allocations	UpLink_Baseband_Pool.Ericsson.hardware_usage_statistics._%_Failed_CapacityAllocAttUICe
Capacity data	UpLink_Baseband_Pool.UplinkBB_Pool_Id, UpLink_Baseband_Pool.UplinkBB_Pool_Name, UpLink_Baseband_Pool.NodeB_Id, UpLink_Baseband_Pool.RNC_Id, UpLink_Baseband_Pool.Ericsson.hardware_usage_statistics._%_Failed_CapacityAllocAttUICe, UpLink_Baseband_Pool.Ericsson.hardware_usage_statistics.pmCapacityAllocAttUICe, UpLink_Baseband_Pool.Ericsson.hardware_usage_statistics.pmCapaci

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	tyAllocRejUICe, UpLink_Baseband_Pool.Ericsson.hardware_usage_statistics.pmCapacityUICe_Avg, UpLink_Baseband_Pool.Ericsson.hardware_usage_statistics.pmCapacityUICe_Max, UpLink_Baseband_Pool.Ericsson.hardware_usage_statistics.pmCapacityUICe_Min, NodeB.NodeB_Name, RNC.RNC_Name
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9.17.2 UplinkBaseBandPool EUIDCh Resource Allocation

This report describes the amount of channel element resources allocated for Enhanced Uplink services.

Report Feature	Details
Report Tree Branch	System.UMTS.Engineering.UTRAN.Ericsson.UpLink_Baseband_Pool
Primary Object	UpLink_Baseband_Pool
Table for EUIDch Resource	NodeB.NodeB_Name, UpLink_Baseband_Pool.NodeB_Id, UpLink_Baseband_Pool.UplinkBB_Pool_Id, UpLink_Baseband_Pool.Ericsson.hardware_usage_statistics.pmHwCePoolEul_Avg, UpLink_Baseband_Pool.Ericsson.hardware_usage_statistics.pmHwCePoolEul_Max, UpLink_Baseband_Pool.Ericsson.hardware_usage_statistics.pmHwCePoolEul_Min

9.17.3 UpLink BaseBand Pool Hardware Usage Report

This report displays the UpLink BaseBand Pool Hardware resource usage

Report Feature	Details
Report Tree Branch	System.UMTS.Engineering.UTRAN.Ericsson.UpLink_Baseband_Pool
Primary Object	UpLink_Baseband_Pool
Usage per SF4 SF8 SF16 SF32	UpLink_Baseband_Pool.Ericsson.hardware_usage_statistics.pmNoOfRadioLinksSf4, UpLink_Baseband_Pool.Ericsson.hardware_usage_statistics.pmNoOfRadioLinksSf8, UpLink_Baseband_Pool.Ericsson.hardware_usage_statistics.pmNoOfRadioLinksSf32, UpLink_Baseband_Pool.Ericsson.hardware_usage_statistics.pmNoOfRadioLinksSf16
Usage per SF64 SF128 SF256	UpLink_Baseband_Pool.Ericsson.hardware_usage_statistics.pmNoOfRadioLinksSf64,

	UpLink_Baseband_Pool.Ericsson.hardware_usage_statistics.pmNoOfRadioLinksSf128, UpLink_Baseband_Pool.Ericsson.hardware_usage_statistics.pmNoOfRadioLinksSf256
Data table for Pool Hardware Usage	UpLink_Baseband_Pool.UplinkBB_Pool_Id, UpLink_Baseband_Pool.NodeB_Id, UpLink_Baseband_Pool.Ericsson.hardware_usage_statistics.pmNoOfRadioLinksSf4, UpLink_Baseband_Pool.Ericsson.hardware_usage_statistics.pmNoOfRadioLinksSf8, UpLink_Baseband_Pool.Ericsson.hardware_usage_statistics.pmNoOfRadioLinksSf16, UpLink_Baseband_Pool.Ericsson.hardware_usage_statistics.pmNoOfRadioLinksSf32, UpLink_Baseband_Pool.Ericsson.hardware_usage_statistics.pmNoOfRadioLinksSf64, UpLink_Baseband_Pool.Ericsson.hardware_usage_statistics.pmNoOfRadioLinksSf128, UpLink_Baseband_Pool.Ericsson.hardware_usage_statistics.pmNoOfRadioLinksSf256, NodeB.NodeB_Name

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