**3GPP TSG-RAN WG3 Meeting #129bisR3-257300**

**Prague, CZ, 13th-17th, Oct, 2025**

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| *CR-Form-v12.3* | | | | | | | | |
| **CHANGE REQUEST** | | | | | | | | |
|  | | | | | | | | |
|  | **38.473** | **CR** | **1606** | **rev** | **1** | **Current version:** | **19.0.0** |  |
|  | | | | | | | | |
| *For* [***HE******LP***](http://www.3gpp.org/3G_Specs/CRs.htm#_blank)*on using this form: comprehensive instructions can be found at* [*http://www.3gpp.org/Change-Requests*](http://www.3gpp.org/Change-Requests)*.* | | | | | | | | |
|  | | | | | | | | |

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| ***Proposed change affects:*** | UICC apps |  | ME |  | Radio Access Network | **x** | Core Network |  |

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | | | | | | | | | | |
| ***Title:*** | Semi-Persistent CSI-RS activation with TCI state | | | | | | | | | |
|  |  | | | | | | | | | |
| ***Source to WG:*** | CATT, Nokia, ZTE, China Telecom, Ericsson, LG Electronics, Samsung, Huawei, NEC, ZTE, Google, LG Electronics, Qualcomm | | | | | | | | | |
| ***Source to TSG:*** | R3 | | | | | | | | | |
|  |  | | | | | | | | | |
| ***Work item code:*** | NR\_Mob\_Ph4-Core | | | | |  | ***Date:*** | | | 2025-10-03 |
|  |  | | | |  | |  | | |  |
| ***Category:*** | **F** |  | | | | | ***Release:*** | | | Rel-19 |
|  | *Use one of the following categories:* ***F*** *(correction)* ***A*** *(mirror corresponding to a change in an earlier release)* ***B*** *(addition of feature),* ***C*** *(functional modification of feature)* ***D*** *(editorial modification)*  Detailed explanations of the above categories can be found in 3GPP [TR 21.900](http://www.3gpp.org/ftp/Specs/html-info/21900.htm). | | | | | | | | *Use one of the following releases: Rel-8 (Release 8) Rel-9 (Release 9) Rel-10 (Release 10) Rel-11 (Release 11) … Rel-17 (Release 17) Rel-18 (Release 18) Rel-19 (Release 19)  Rel-20 (Release 20)* | |
|  |  | | | | | | | | | |
| ***Reason for change:*** | | For each periodic CSI-RS resource, the candidate gNB-DU provides each CSI-RS associated with pre-configured QCL-info (via *qcl-InfoPeriodicCSI-RS*, which indicates a TCI state ID). However, for Semi-Persistent CSI-RS, this is not possible. The reason is that Semi-Persistent CSI-RSs are pre-configured but activated dynamically, based on needs determined from periodic SSB or CSI-RS measurements.  Therefore, when the source gNB-DU selects an Semi-Persistent CSI-RS for activation, it also needs to determine the appropriate TCI State and indicate it to the candidate gNB-DU(s), this ensures that the Semi-Persistent CSI-RS can be properly activated with the correct TCI State. | | | | | | | | |
|  | |  | | | | | | | | |
| ***Summary of change:*** | | Add *TCI State Information List* IE in DU-CU CSI-RS COORDINATION REQUEST message and CU-DU CSI-RS COORDINATION REQUEST message. | | | | | | | | |
|  | |  | | | | | | | | |
| ***Consequences if not approved:*** | | Candidate gNB-DU is unable to know the TCI State for Semi-Persistent CSI-RS activation. | | | | | | | | |
|  | |  | | | | | | | | |
| ***Clauses affected:*** | | 8.3.12.2, 8.3.13.2, 9.2.2.18, 9.2.2.20, 9.4.5 | | | | | | | | |
| ***.4*** | |  | | | | | | | | |
|  | | **Y** | **N** |  | | | |  | | |
| ***Other specs*** | | **X** |  | Other core specifications | | | | TS 38.423 CR1540 | | |
| ***affected:*** | |  | **X** | Test specifications | | | | TS/TR ... CR ... | | |
| ***(show related CRs)*** | |  | **X** | O&M Specifications | | | | TS/TR ... CR ... | | |
|  | |  | | | | | | | | |
| ***Other comments:*** | |  | | | | | | | | |
|  | |  | | | | | | | | |
| ***This CR's revision history:*** | | Rev 0: R3-256872 | | | | | | | | |

<<<<<<<<<<<<<<<<<<<< Start of Changes >>>>>>>>>>>>>>>>>>>>

### 8.3.12 DU-CU CSI-RS Coordination

#### 8.3.12.1 General

The purpose of the DU-CU CSI-RS Coordination procedure is e.g. to enable the gNB-DU to request the gNB-CU to activate/deactivate the SP CSI-RS transmissions from specific cells. The procedure uses UE-associated signalling.

#### 8.3.12.2 Successful Operation



Figure 8.3.12.2-1: DU-CU CSI-RS Coordination procedure. Successful operation.

The gNB-DU initiates the procedure by sending a DU-CU CSI-RS COORDINATION REQUEST message.

If the *TCI State Information List* IE is included in the DU-CU CSI-RS COORDINATION REQUEST message, the gNB-DU shall, if supported, use it for Semi-Persistent CSI-RS activation.

#### 8.3.12.3 Unsuccessful Operation

Not applicable.

#### 8.3.12.4 Abnormal Conditions

Not applicable.

### 8.3.13 CU-DU CSI-RS Coordination

#### 8.3.13.1 General

The purpose of the CU-DU CSI-RS Coordination procedure is e.g. to enable the gNB-CU to request the gNB-DU to activate/deactivate the SP CSI-RS transmission from specific cells. The procedure uses UE-associated signalling.

#### 8.3.13.2 Successful Operation



Figure 8.3.13.2-1: CU-DU CSI-RS COORDINATION procedure. Successful operation.

The gNB-CU initiates the procedure by sending a CU-DU CSI-RS COORDINATION REQUEST message.

If the *TCI State Information* IE is included in the CU-DU CSI-RS COORDINATION REQUEST message, the gNB-DU shall, if supported, use it for Semi-Persistent CSI-RS activation.

#### 8.3.13.3 Unsuccessful Operation

Not applicable

#### 8.3.13.4 Abnormal Conditions

Not applicable

#### 9.2.2.18 DU-CU CSI-RS COORDINATION REQUEST

This message is sent by the gNB-DU to request the gNB-CU e.g. to activate/deactivate the SP CSI-RS transmissions from specific cells.

Direction: gNB-DU → gNB-CU

| IE/Group Name | Presence | Range | IE type and reference | Semantics description | Criticality | Assigned Criticality |
| --- | --- | --- | --- | --- | --- | --- |
| Message Type | M |  | 9.3.1.1 |  | YES | reject |
| Gnb-CU UE F1AP ID | M |  | 9.3.1.4 |  | YES | reject |
| Gnb-DU UE F1AP ID | M |  | 9.3.1.5 |  | YES | reject |
| **CSI-RS Resource Coordination List** |  | *1* |  |  | YES | ignore |
| **>CSI-RS ResourceCoordination Request Item** |  | *1 .. <maxnoofLTMCSI-RSResourceConfig>* |  |  | - |  |
| >>LTM CSI Resource Configuration ID | M |  | INTEGER (0..111) |  | - |  |
| >>Transmission Request | M |  | ENUMERATED(activate, deactivate, …) |  | - |  |
| **>>TCI State Information List** |  | *0..1* |  | Indicates the TCI states where the semi persistent CSI-RS resource transmits. The mapping between the CSI-RS Resource indicated by the LTM CSI Resource Configuration ID IE and the TCI state is defined in TS 38.321 [12]. | - |  |
| **>>>TCI State Information Item** |  | *1 .. < maxnoofLTM-CSI-ResourcesPerSet>* |  |  | - |  |
| >>>>Joint or DL TCI State ID | M |  | OCTET STRING | Includes the *TCI-StateId* IE, as defined in TS 38.331 [8]. | - |  |

|  |  |
| --- | --- |
| Range bound | Explanation |
| maxnoofLTMCSI-RSResourceConfig | Maximum number of LTM CSI-Resource Configurations. Value is 112. |
| maxnoofLTM-CSI-ResourcesPerSet | Maximum number of LTM CSI-RS resource per set. Value is 512. |

#### 9.2.2.19 DU-CU CSI-RS COORDINATION RESPONSE

This message is sent by the gNB-CU e.g. to inform the gNB-DU about the SP CSI-RS transmissions activation/deactivation result.

Direction: gNB-CU → gNB-DU

| IE/Group Name | Presence | Range | IE type and reference | Semantics description | Criticality | Assigned Criticality |
| --- | --- | --- | --- | --- | --- | --- |
| Message Type | M |  | 9.3.1.1 |  | YES | reject |
| gNB-CU UE F1AP ID | M |  | 9.3.1.4 |  | YES | reject |
| gNB-DU UE F1AP ID | M |  | 9.3.1.5 |  | YES | reject |
| **CSI-RS Coordination Result List** |  | *0..1* |  |  | YES | ignore |
| **>CSI-RS Coordination Result Item IEs** |  | *1 .. < maxnoofLTMCSI-RSResourceConfig >* |  |  | - |  |
| >>LTM CSI Resource Configuration ID | M |  | INTEGER (0..111) |  | - |  |
| >>Transmission Status | M |  | ENUMERATED(activated, deactivated, …) |  | - |  |

|  |  |
| --- | --- |
| Range bound | Explanation |
| maxnoofLTMCSI-RSResourceConfig | Maximum number of LTM CSI-Resource Configurations. Value is 112. |

#### 9.2.2.20 CU-DU CSI-RS COORDINATION REQUEST

This message is sent by the gNB-CU e.g. to coordinate the gNB-DU to activate/deactivate the SP CSI-RS transmissions from specific cells.

Direction: gNB-CU → gNB-DU

| IE/Group Name | Presence | Range | IE type and reference | Semantics description | Criticality | Assigned Criticality |
| --- | --- | --- | --- | --- | --- | --- |
| Message Type | M |  | 9.3.1.1 |  | YES | reject |
| gNB-CU UE F1AP ID | M |  | 9.3.1.4 |  | YES | reject |
| gNB-DU UE F1AP ID | M |  | 9.3.1.5 |  | YES | reject |
| **CSI-RS Coordination Request List** |  | *1* |  |  | YES | ignore |
| **>CSI-RS Coordination Request Item** |  | *1 .. <maxnoofLTMCSI-RSResourceConfig>* |  |  | - |  |
| >>LTM CSI Resource Configuration ID | M |  | INTEGER (0..111) |  | - |  |
| >>Transmission Request | M |  | ENUMERATED(activate, deactivate, …) |  | - |  |
| **>>TCI State Information List** |  | *0..1* |  | Indicates the TCI states where the semi persistent CSI-RS resource transmits. The mapping between the CSI-RS Resource indicated by the LTM CSI Resource Configuration ID IE and the TCI state is defined in TS 38.321 [12]. | - | - |
| **>>>TCI State Information Item** |  | *1 .. < maxnoofLTM-CSI-ResourcesPerSet>* |  |  | - |  |
| >>>>Joint or DL TCI State ID | M |  | OCTET STRING | Includes the *TCI-StateId* IE, as defined in TS 38.331 [8]. | - |  |

|  |  |
| --- | --- |
| Range bound | Explanation |
| maxnoofLTMCSI-RSResourceConfig | Maximum number of LTM CSI-Resource Configurations. Value is 112. |
| maxnoofLTM-CSI-ResourcesPerSet | Maximum number of LTM CSI-RS resource per set. Value is 512. |

#### 9.2.2.21 CU-DU CSI-RS COORDINATION RESPONSE

This message is sent by the gNB-DU e.g. to coordinate the gNB-CU about the SP CSI-RS transmissions activation/deactivation result.

Direction: gNB-DU → gNB-CU

| IE/Group Name | Presence | Range | IE type and reference | Semantics description | Criticality | Assigned Criticality |
| --- | --- | --- | --- | --- | --- | --- |
| Message Type | M |  | 9.3.1.1 |  | YES | reject |
| gNB-CU UE F1AP ID | M |  | 9.3.1.4 |  | YES | reject |
| gNB-DU UE F1AP ID | M |  | 9.3.1.5 |  | YES | reject |
| **CSI-RS Coordination Result List** |  | *0..1* |  |  | YES | ignore |
| **>CSI-RS Coordination Result Item IEs** |  | *1 .. < maxnoofLTMCSI-RSResourceConfig >* |  |  | - |  |
| >>LTM CSI Resource Configuration ID | M |  | INTEGER (0..111) |  | - |  |
| >>Transmission Status | M |  | ENUMERATED(activated, deactivated, …) |  | - |  |

### 9.4.5 Information Element Definitions

-- ASN1START

-- \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

--

-- Information Element Definitions

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-- \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

F1AP-IEs {

itu-t (0) identified-organization (4) etsi (0) mobileDomain (0)

ngran-access (22) modules (3) f1ap (3) version1 (1) f1ap-IEs (2) }

DEFINITIONS AUTOMATIC TAGS ::=

BEGIN

IMPORTS

id-gNB-CUSystemInformation,

id-HandoverPreparationInformation,

id-TAISliceSupportList,

id-RANAC,

id-BearerTypeChange,

id-Coverage-Modification-Cause,

-------skipped------

-- C

CAGID ::= BIT STRING (SIZE(32))

Cancel-all-Warning-Messages-Indicator ::= ENUMERATED {true, ...}

Candidate-SpCell-Item ::= SEQUENCE {

candidate-SpCell-ID NRCGI ,

iE-Extensions ProtocolExtensionContainer { { Candidate-SpCell-ItemExtIEs } } OPTIONAL,

...

}

Candidate-SpCell-ItemExtIEs F1AP-PROTOCOL-EXTENSION ::= {

...

}

CandidateCellwithBeamInfo ::= SEQUENCE {

nRCGI NRCGI,

sSBIndex SSBIndex,

iE-Extensions ProtocolExtensionContainer { { CandidateCellwithBeamInfo-ExtIEs } } OPTIONAL

}

CandidateCellwithBeamInfo-ExtIEs F1AP-PROTOCOL-EXTENSION ::= {

...

}

-------skipped------

CSI-RSCoordinationRequestList ::= SEQUENCE (SIZE(1.. maxnoofLTMCSI-RSResourceConfig)) OF CSI-RSCoordinationRequest-Item

CSI-RSCoordinationRequest-Item ::= SEQUENCE {

ltmCSIResourceConfigurationID INTEGER (0..111),

transmissionRequest ENUMERATED{activate, deactivate},

tci-State-InformationList Tci-State-InformationList OPTIONAL,

iE-Extensions ProtocolExtensionContainer { { CSI-RSCoordinationRequest-Item-ExtIEs} } OPTIONAL,

...

}

CSI-RSCoordinationRequest-Item-ExtIEs F1AP-PROTOCOL-EXTENSION ::= {

...

}

-- T

TAI ::= SEQUENCE {

pLMN-Identity PLMN-Identity,

fiveGS-TAC FiveGS-TAC,

iE-Extensions ProtocolExtensionContainer { {TAI-ExtIEs} } OPTIONAL,

...

}

TAI-ExtIEs F1AP-PROTOCOL-EXTENSION ::= {

...

}

TAAssistanceInfo ::= ENUMERATED{zero, ...}

FiveGS-TAC ::= OCTET STRING (SIZE(3))

Configured-EPS-TAC ::= OCTET STRING (SIZE(2))

TagIDPointer ::= OCTET STRING

TargetCellList ::= SEQUENCE (SIZE(1..maxnoofCHOcells)) OF TargetCellList-Item

-------skipped------

Tci-State-InformationList ::= SEQUENCE (SIZE(1.. maxNrofLTM-CSI-ResourcesPerSet)) OF Tci-State-Information-Item

Tci-State-Information-Item ::= SEQUENCE {

jointorDLTCIStateID JointorDLTCIStateID,

iE-Extensions ProtocolExtensionContainer { { Tci-State-Information-Item -ExtIEs } } OPTIONAL,

...

}

Tci-State-Information-Item-ExtIEs F1AP-PROTOCOL-EXTENSION ::= {

...

}

-- \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

--

-- Extension constants

--

-- \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

maxPrivateIEs INTEGER ::= 65535

maxProtocolExtensions INTEGER ::= 65535

maxProtocolIEs INTEGER ::= 65535

-- \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

--

-- Lists

--

-- \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

maxNRARFCN INTEGER ::= 3279165

maxnoofErrors INTEGER ::= 256

maxnoofIndividualF1ConnectionsToReset INTEGER ::= 65536

maxCellingNBDU INTEGER ::= 512

maxnoofSCells INTEGER ::= 32

maxnoofSRBs INTEGER ::= 8

maxnoofDRBs INTEGER ::= 64

maxnoofULUPTNLInformation INTEGER ::= 2

maxnoofDLUPTNLInformation INTEGER ::= 2

maxnoofBPLMNs INTEGER ::= 6

maxnoofCandidateSpCells INTEGER ::= 64

maxnoofPotentialSpCells INTEGER ::= 64

maxnoofNrCellBands INTEGER ::= 32

maxnoofSIBTypes INTEGER ::= 32

maxnoofSITypes INTEGER ::= 32

maxnoofPagingCells INTEGER ::= 512

maxnoofTNLAssociations INTEGER ::= 32

maxnoofQoSFlows INTEGER ::= 64

maxnoofSliceItems INTEGER ::= 1024

maxCellineNB INTEGER ::= 256

maxnoofExtendedBPLMNs INTEGER ::= 6

maxnoofUEIDs INTEGER ::= 65536

maxnoofBPLMNsNR INTEGER ::= 12

maxnoofUACPLMNs INTEGER ::= 12

maxnoofUACperPLMN INTEGER ::= 64

maxnoofAdditionalSIBs INTEGER ::= 63

maxnoofslots INTEGER ::= 5120

maxnoofTLAs INTEGER ::= 16

maxnoofGTPTLAs INTEGER ::= 16

maxnoofBHRLCChannels INTEGER ::= 65536

maxnoofRoutingEntries INTEGER ::= 1024

maxnoofIABSTCInfo INTEGER ::= 45

maxnoofSymbols INTEGER ::= 14

maxnoofServingCells INTEGER ::= 32

maxnoofDUFSlots INTEGER ::= 320

maxnoofHSNASlots INTEGER ::= 5120

maxnoofServedCellsIAB INTEGER ::= 512

maxnoofSSBarea INTEGER ::=64

maxnoofChildIABNodes INTEGER ::= 1024

maxnoofNonUPTrafficMappings INTEGER ::= 32

maxnoofTLAsIAB INTEGER ::= 1024

maxnoofMappingEntries INTEGER ::= 67108864

maxnoofDSInfo INTEGER ::= 64

maxnoofEgressLinks INTEGER ::= 2

maxnoofULUPTNLInformationforIAB INTEGER ::= 32678

maxnoofUPTNLAddresses INTEGER ::= 8

maxnoofSLDRBs INTEGER ::= 512

maxnoofQoSParaSets INTEGER ::= 8

maxnoofPC5QoSFlows INTEGER ::= 2048

maxnoofSSBAreas INTEGER ::= 64

maxnoofPhysicalResourceBlocks INTEGER ::= 275

maxnoofPhysicalResourceBlocks-1 INTEGER ::= 274

maxnoofPRACHconfigs INTEGER ::= 16

maxnoofRAReports INTEGER ::= 64

maxnoofRLFReports INTEGER ::= 64

maxnoofAdditionalPDCPDuplicationTNL INTEGER ::= 2

maxnoofRLCDuplicationState INTEGER ::= 3

maxnoofCHOcells INTEGER ::= 8

maxnoofMDTPLMNs INTEGER ::= 16

maxnoofCAGsupported INTEGER ::= 12

maxnoofNIDsupported INTEGER ::= 12

maxnoofNRSCSs INTEGER ::= 5

maxnoofExtSliceItems INTEGER ::= 65535

maxnoofPosMeas INTEGER ::= 16384

maxnoofTRPInfoTypes INTEGER ::= 64

maxnoofTRPs INTEGER ::= 65535

maxnoofSRSTriggerStates INTEGER ::= 3

maxnoofSpatialRelations INTEGER ::= 64

maxnoBcastCell INTEGER ::= 16384

maxnoofAngleInfo INTEGER ::= 65535

maxnooflcs-gcs-translation INTEGER ::= 3

maxnoofPath INTEGER ::= 2

maxnoofMeasE-CID INTEGER ::= 64

maxnoofSSBs INTEGER ::= 255

maxnoSRS-ResourceSets INTEGER ::= 16

maxnoSRS-ResourcePerSet INTEGER ::= 16

maxnoSRS-Carriers INTEGER ::= 32

maxnoSCSs INTEGER ::= 5

maxnoSRS-Resources INTEGER ::= 64

maxnoSRS-PosResources INTEGER ::= 64

maxnoSRS-PosResourceSets INTEGER ::= 16

maxnoSRS-PosResourcePerSet INTEGER ::= 16

maxnoofPRS-ResourceSets INTEGER ::= 2

maxnoofPRS-ResourcesPerSet INTEGER ::= 64

maxNoOfMeasTRPs INTEGER ::= 64

maxnoofPRSresourceSets INTEGER ::= 8

maxnoofPRSresources INTEGER ::= 64

maxnoofSuccessfulHOReports INTEGER ::= 64

maxnoofNR-UChannelIDs INTEGER ::= 16

maxServedCellforSON INTEGER ::= 256

maxNeighbourCellforSON INTEGER ::= 32

maxAffectedCells INTEGER ::= 32

maxnoofMRBs INTEGER ::= 32

maxnoofMBSQoSFlows INTEGER ::= 64

maxnoofMBSFSAs INTEGER ::= 256

maxnoofUEIDforPaging INTEGER ::= 4096

maxnoofCellsforMBS INTEGER ::= 512

maxnoofTAIforMBS INTEGER ::= 512

maxnoofMBSAreaSessionIDs INTEGER ::= 256

maxnoofMBSServiceAreaInformation INTEGER ::= 256

maxnoofIABCongInd INTEGER ::= 1024

maxnoofNeighbourNodeCellsIAB INTEGER ::= 1024

maxnoofRBsetsPerCell INTEGER ::= 8

maxnoofRBsetsPerCell-1 INTEGER ::= 7

maxnoofMeasPDC INTEGER ::= 16

maxnoARPs INTEGER ::= 16

maxnoofULAoAs INTEGER ::= 8

maxNoPathExtended INTEGER ::= 8

maxnoTRPTEGs INTEGER ::= 8

maxFreqLayers INTEGER ::= 4

maxNumResourcesPerAngle INTEGER ::= 24

maxnoAzimuthAngles INTEGER ::= 3600

maxnoElevationAngles INTEGER ::= 1801

maxnoofPRSTRPs INTEGER ::= 256

maxnoofQoEInformation INTEGER ::= 16

maxnoofUuRLCChannels INTEGER ::= 32

maxnoofPC5RLCChannels INTEGER ::= 512

maxnoofSMBRValues INTEGER ::= 8

maxnoofMRBsforUE INTEGER ::= 64

maxnoofMBSSessionsofUE INTEGER ::= 256

maxnoofSLdestinations INTEGER ::= 32

maxnoofNSAGs INTEGER ::= 256

maxnoofSDTBearers INTEGER ::= 72

maxnoofServingCellMOs INTEGER ::= 16

maxNrofBWPs INTEGER ::= 8

maxnoofPosSITypes INTEGER ::= 32

maxnoofUETypes INTEGER ::= 8

maxnoofLTMCells INTEGER ::= 8

maxnoofTAList INTEGER ::= 8

maxnoofLTMgNB-DUs INTEGER ::= 8

maxnoofUEsInQMCTransferControlMessage INTEGER ::= 512

maxnoofUEsforRAReportIndications INTEGER ::= 64

maxnoofSuccessfulPSCellChangeReports INTEGER ::= 64

maxnoofPeriodicities INTEGER ::= 8

maxnoofThresholdMBS-1 INTEGER ::= 7

maxMBSSessionsinSessionInfoList INTEGER ::= 1024

maxnoofLBTFailureInformation INTEGER ::= 64

maxnoofRSPPQoSFlows INTEGER ::= 2048

maxnoVACell INTEGER ::= 32

maxnoAggregatedSRS-Resources INTEGER ::= 3

maxnoAggregatedPosSRSResourceSets INTEGER ::= 3

maxnoAggregatedPosPRSResourceSets INTEGER ::= 3

maxnoofTimeWindowSRS INTEGER ::= 16

maxnoofTimeWindowMea INTEGER ::= 16

maxnoPreconfiguredSRS INTEGER ::= 16

maxnoHopsMinusOne INTEGER ::= 5

maxnoAggCombinations INTEGER ::= 2

maxnoAggregatedPosSRSCombinations INTEGER ::= 32

maxnoofCandidateCells INTEGER ::= 8

maxnoofSSBIndices INTEGER ::= 64

maxnoofPreambleIndex INTEGER ::= 64

maxnoofThresholds INTEGER ::= 8

maxnoofNZP-CSI-RS-ResourcesPerSet INTEGER ::= 64

maxnoofSRS-Resources INTEGER ::= 64

maxnoofCellsinUEHistoryInfo INTEGER ::= 16

maxnoofLTMCSI-RSResourceConfig INTEGER ::= 112

maxnoofCSI-RSs INTEGER ::= 192

maxnoofTAs INTEGER ::= 2

maxnoofChannelRes INTEGER ::= 24

maxNeighbourCellReport INTEGER ::= 512

maxnoofLTM-CSI-ResourcesPerSet INTEGER ::= 512