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MIB

NR5G RRC OTA Packet

Version : 12

NR RRC Release : 15.10.0

Physical Cell Id : 649

Frequency : 521310

Sfn : 0

bcch-bch -> mib

systemFrameNumber : '101000'B(40)

subCarrierSpacingCommon : scs30or120

ssb-SubcarrierOffset : 14

dmrs-TypeA-Position : pos3

pdccch-ConfigSIB1

controlResourceSetZero : 12

searchSpaceZero : 5

cellBarred : notBarred

intraFreqReselection : allowed

spare : '0'B(0)

SIB1

NR5G RRC OTA Packet

Version : 12

NR RRC Release : 15.10.0

Physical Cell Id : 649

Frequency : 521310

Sfn : 6104104

bcch-dl-sch -> c1 -> systemInformationBlockType1

cellSelectionInfo

q-RxLevMin : -54

cellAccessRelatedInfo

plmn-IdentityInfoList

[0]

plmn-IdentityList

[0]

mcc

[0] : 3

[1] : 1

[2] : 0

mnc

[0] : 2

[1] : 6

[2] : 0

trackingAreaCode : '01111101 10000101 00000000'B(8226048)

cellIdentity : '00011000 00111100 00100011 00010010 1110'B

cellReservedForOperatorUse : notReserved

[1]

plmn-IdentityList

[0]

mcc

[0] : 3

[1] : 1

[2] : 1

mnc

[0] : 4

[1] : 9

[2] : 0

cellIdentity : '00011000 00111100 00100011 00010010 1110'B

cellReservedForOperatorUse : notReserved

si-SchedulingInfo

schedulingInfoList

[0]

si-BroadcastStatus : broadcasting

si-Periodicity : rf32

sib-MappingInfo

[0]

type : sibType3

valueTag : 0
[1]
type : sibType2
valueTag : 0
[2]
type : sibType5
valueTag : 0
[3]
type : sibType4
valueTag : 0
si-WindowLength : s80
servingCellConfigCommon
downlinkConfigCommon
frequencyInfoDL
frequencyBandList
[0]
freqBandIndicatorNR : 41
offsetToPointA : 32
scs-SpecificCarrierList
[0]
offsetToCarrier : 0
subcarrierSpacing : kHz30
carrierBandwidth : 217
initialDownlinkBWP
genericParameters
locationAndBandwidth : 13750
subcarrierSpacing : kHz30
pdcch-ConfigCommon -> setup
controlResourceSetZero : 12
searchSpaceZero : 5
commonSearchSpaceList
[0]
searchSpaceId : 1
controlResourceSetId : 0
monitoringSlotPeriodicityAndOffset -> sl10 : 4
duration : 9
monitoringSymbolsWithinSlot : '10000000 000000'B(8192)
nrofCandidates
aggregationLevel1 : n0
aggregationLevel2 : n0
aggregationLevel4 : n2
aggregationLevel8 : n1
aggregationLevel16 : n0
searchSpaceType -> common
dci-Format0-0-AndFormat1-0
[1]
searchSpaceId : 2
controlResourceSetId : 0

monitoringSlotPeriodicityAndOffset -> sl1 : null
monitoringSymbolsWithinSlot : '10000000 000000'B(8192)
nrofCandidates
aggregationLevel1 : n0
aggregationLevel2 : n0
aggregationLevel4 : n2
aggregationLevel8 : n1
aggregationLevel16 : n0
searchSpaceType -> common
dci-Format0-0-AndFormat1-0
[2]
searchSpaceId : 3
controlResourceSetId : 0
monitoringSlotPeriodicityAndOffset -> sl5 : 0
duration : 3
monitoringSymbolsWithinSlot : '10000000 000000'B(8192)
nrofCandidates
aggregationLevel1 : n0
aggregationLevel2 : n0
aggregationLevel4 : n2
aggregationLevel8 : n1
aggregationLevel16 : n0
searchSpaceType -> common
dci-Format0-0-AndFormat1-0
searchSpaceSIB1 : 0
searchSpaceOtherSystemInformation : 1
pagingSearchSpace : 3
ra-SearchSpace : 2
pdsch-ConfigCommon -> setup
pdsch-TimeDomainAllocationList
[0]
k0 : 0
mappingType : typeA
startSymbolAndLength : 40
[1]
k0 : 0
mappingType : typeA
startSymbolAndLength : 54
[2]
k0 : 0
mappingType : typeA
startSymbolAndLength : 68
[3]
k0 : 0
mappingType : typeA
startSymbolAndLength : 96
[4]
k0 : 0

mappingType : typeA
startSymbolAndLength : 53
[5]
k0 : 0
mappingType : typeA
startSymbolAndLength : 67
[6]
k0 : 0
mappingType : typeA
startSymbolAndLength : 81
[7]
k0 : 0
mappingType : typeA
startSymbolAndLength : 100
bcch-Config
modificationPeriodCoeff : n2
pcch-Config
defaultPagingCycle : rf128
nAndPagingFrameOffset -> quarterT : 1
ns : one
firstPDCCH-MonitoringOccasionOfPO ->
sCS120KHZzoneT-SCS60KHZhalfT-SCS30KHZquarterT-SCS15KHZzoneEighthT
[0] : 2
uplinkConfigCommon
frequencyInfoUL
scs-SpecificCarrierList
[0]
offsetToCarrier : 0
subcarrierSpacing : kHz30
carrierBandwidth : 217
p-Max : 29
initialUplinkBWP
genericParameters
locationAndBandwidth : 13750
subcarrierSpacing : kHz30
rach-ConfigCommon -> setup
rach-ConfigGeneric
prach-ConfigurationIndex : 9
msg1-FDM : one
msg1-FrequencyStart : 28
zeroCorrelationZoneConfig : 9
preambleReceivedTargetPower : -114
preambleTransMax : n20
powerRampingStep : dB2
ra-ResponseWindow : sl80
ssb-perRACH-OccasionAndCB-PreamblesPerSSB -> one : n64
ra-ContentionResolutionTimer : sf64
rsrp-ThresholdSSB : -119.0 dBm (37)

prach-RootSequenceIndex -> 1839 : 715
restrictedSetConfig : unrestrictedSet
pusch-ConfigCommon -> setup
pusch-TimeDomainAllocationList
[0]
k2 : 3
mappingType : typeA
startSymbolAndLength : 27
[1]
k2 : 3
mappingType : typeA
startSymbolAndLength : 41
[2]
k2 : 4
mappingType : typeA
startSymbolAndLength : 27
[3]
k2 : 5
mappingType : typeA
startSymbolAndLength : 27
[4]
k2 : 6
mappingType : typeA
startSymbolAndLength : 27
[5]
k2 : 9
mappingType : typeA
startSymbolAndLength : 27
[6]
k2 : 10
mappingType : typeA
startSymbolAndLength : 27
[7]
k2 : 11
mappingType : typeA
startSymbolAndLength : 27
[8]
k2 : 12
mappingType : typeA
startSymbolAndLength : 27
msg3-DeltaPreamble : 6
p0-NominalWithGrant : -102
pucch-ConfigCommon -> setup
pucch-ResourceCommon : 11
pucch-GroupHopping : neither
hoppingId : 649
p0-nominal : -100
timeAlignmentTimerCommon : infinity

n-TimingAdvanceOffset : n39936
ssb-PositionsInBurst
inOneGroup : '11111100'B(252)
ssb-PeriodicityServingCell : ms20
tdd-UL-DL-ConfigurationCommon
referenceSubcarrierSpacing : kHz30
pattern1
dl-UL-TransmissionPeriodicity : ms5
nrofDownlinkSlots : 3
nrofDownlinkSymbols : 4
nrofUplinkSlots : 2
nrofUplinkSymbols : 4
dl-UL-TransmissionPeriodicity-v1530 : ms3
pattern2
dl-UL-TransmissionPeriodicity : ms2
nrofDownlinkSlots : 4
nrofDownlinkSymbols : 0
nrofUplinkSlots : 0
nrofUplinkSymbols : 0
ss-PBCH-BlockPower : 18
ims-EmergencySupport : true
ue-TimersAndConstants
t300 : ms1000
t301 : ms1000
t310 : ms2000
n310 : n20
t311 : ms3000
n311 : n1
t319 : ms400

RRC setup

NR5G RRC OTA Packet

Version : 12

NR RRC Release : 15.10.0

Physical Cell Id : 649

Frequency : 521310

Sfn : 342552

dl-ccch -> c1 -> rrcSetup

rrc-TransactionIdentifier : 0

criticalExtensions -> rrcSetup

radioBearerConfig

srb-ToAddModList

[0]

srb-Identity : 1

masterCellGroup

cellGroupId : 0

rlc-BearerToAddModList

[0]

logicalChannelIdentity : 1

servedRadioBearer -> srb-Identity : 1

rlc-Config -> am

ul-AM-RLC

sn-FieldLength : size12

t-PollRetransmit : ms80

pollPDU : infinity

pollByte : infinity

maxRetxThreshold : t32

dl-AM-RLC

sn-FieldLength : size12

t-Reassembly : ms35

t-StatusProhibit : ms0

mac-LogicalChannelConfig

ul-SpecificParameters

priority : 1

prioritisedBitRate : infinity

bucketSizeDuration : ms50

logicalChannelGroup : 0

schedulingRequestID : 0

logicalChannelSR-Mask : false

logicalChannelSR-DelayTimerApplied : false

mac-CellGroupConfig

schedulingRequestConfig

schedulingRequestToAddModList

[0]

schedulingRequestId : 0

sr-TransMax : n64

bsr-Config

periodicBSR-Timer : sf5
retxBSR-Timer : sf80
tag-Config
tag-ToAddModList
[0]
tag-Id : 0
timeAlignmentTimer : infinity
phr-Config -> setup
phr-PeriodicTimer : sf20
phr-ProhibitTimer : sf0
phr-Tx-PowerFactorChange : dB3
multiplePHR : false
dummy : false
phr-Type2OtherCell : false
phr-ModeOtherCG : real
skipUplinkTxDynamic : false
physicalCellGroupConfig
pdsch-HARQ-ACK-Codebook : dynamic
spCellConfig
spCellConfigDedicated
downlinkBWP-ToAddModList
[0]
bwp-Id : 1
bwp-Common
genericParameters
locationAndBandwidth : 16499
subcarrierSpacing : kHz30
pdcch-ConfigCommon -> setup
commonSearchSpaceList
[0]
searchSpaceId : 4
controlResourceSetId : 0
monitoringSlotPeriodicityAndOffset -> sl10 : 4
duration : 9
monitoringSymbolsWithinSlot : '10000000 000000'B(8192)
nrofCandidates
aggregationLevel1 : n0
aggregationLevel2 : n0
aggregationLevel4 : n2
aggregationLevel8 : n1
aggregationLevel16 : n0
searchSpaceType -> common
dci-Format0-0-AndFormat1-0
[1]
searchSpaceId : 5
controlResourceSetId : 0
monitoringSlotPeriodicityAndOffset -> sl1 : null
monitoringSymbolsWithinSlot : '10000000 000000'B(8192)

nrofCandidates
aggregationLevel1 : n0
aggregationLevel2 : n0
aggregationLevel4 : n2
aggregationLevel8 : n1
aggregationLevel16 : n0
searchSpaceType -> common
dci-Format0-0-AndFormat1-0
[2]
searchSpaceId : 6
controlResourceSetId : 0
monitoringSlotPeriodicityAndOffset -> sl5 : 0
duration : 3
monitoringSymbolsWithinSlot : '10000000 000000'B(8192)
nrofCandidates
aggregationLevel1 : n0
aggregationLevel2 : n0
aggregationLevel4 : n2
aggregationLevel8 : n1
aggregationLevel16 : n0
searchSpaceType -> common
dci-Format0-0-AndFormat1-0
searchSpaceSIB1 : 0
searchSpaceOtherSystemInformation : 4
pagingSearchSpace : 6
ra-SearchSpace : 5
firstPDCCH-MonitoringOccasionOfPO ->
sCS120KHZZoneT-SCS60KHZhalfT-SCS30KHZquarterT-SCS15KHZZoneEighthT
[0] : 2
pdsch-ConfigCommon -> setup
pdsch-TimeDomainAllocationList
[0]
k0 : 0
mappingType : typeA
startSymbolAndLength : 40
[1]
k0 : 0
mappingType : typeA
startSymbolAndLength : 54
[2]
k0 : 0
mappingType : typeA
startSymbolAndLength : 68
[3]
k0 : 0
mappingType : typeA
startSymbolAndLength : 96
[4]

k0 : 0
mappingType : typeA
startSymbolAndLength : 53
[5]
k0 : 0
mappingType : typeA
startSymbolAndLength : 67
[6]
k0 : 0
mappingType : typeA
startSymbolAndLength : 81
[7]
k0 : 0
mappingType : typeA
startSymbolAndLength : 100
bwp-Dedicated
pdcch-Config -> setup
controlResourceSetToAddModList
[0]
controlResourceSetId : 1
frequencyDomainResources : '11111111 11111111 11111111 11111111 11110000
00000'B
duration : 1
cce-REG-MappingType -> nonInterleaved : null
precoderGranularity : sameAsREG-bundle
tci-StatesPDCCH-ToAddList
[0] : 0
[1] : 1
[2] : 2
[3] : 3
[4] : 4
[5] : 5
pdcch-DMRS-ScramblingID : 28223
searchSpacesToAddModList
[0]
searchSpaceId : 7
controlResourceSetId : 0
monitoringSlotPeriodicityAndOffset -> s1 : null
monitoringSymbolsWithinSlot : '10000000 000000'B(8192)
nrofCandidates
aggregationLevel1 : n0
aggregationLevel2 : n0
aggregationLevel4 : n2
aggregationLevel8 : n1
aggregationLevel16 : n0
searchSpaceType -> common
dci-Format0-0-AndFormat1-0
[1]

searchSpaceId : 8
controlResourceSetId : 1
monitoringSlotPeriodicityAndOffset -> sl10 : 3
duration : 8
monitoringSymbolsWithinSlot : '10000000 000000'B(8192)
nrofCandidates
aggregationLevel1 : n0
aggregationLevel2 : n6
aggregationLevel4 : n6
aggregationLevel8 : n4
aggregationLevel16 : n0
searchSpaceType -> ue-Specific
dci-Formats : formats0-1-And-1-1

[2]

searchSpaceId : 19
controlResourceSetId : 1
monitoringSlotPeriodicityAndOffset -> sl10 : 1
duration : 2
monitoringSymbolsWithinSlot : '11000000 000000'B(12288)
nrofCandidates
aggregationLevel1 : n0
aggregationLevel2 : n3
aggregationLevel4 : n3
aggregationLevel8 : n1
aggregationLevel16 : n0
searchSpaceType -> ue-Specific
dci-Formats : formats0-1-And-1-1

pdsch-Config -> setup

dmrs-DownlinkForPDSCH-MappingTypeA -> setup

dmrs-AdditionalPosition : pos1

scramblingID0 : 649

scramblingID1 : 33417

tci-StatesToAddModList

[0]

tci-StateId : 0
qcl-Type1
bwp-Id : 1
referenceSignal -> csi-rs : 2
qcl-Type : typeA

[1]

tci-StateId : 1
qcl-Type1
bwp-Id : 1
referenceSignal -> csi-rs : 6
qcl-Type : typeA

[2]

tci-StateId : 2
qcl-Type1

bwp-Id : 1
referenceSignal -> csi-rs : 10
qcl-Type : typeA

[3]

tci-StateId : 3
qcl-Type1
bwp-Id : 1
referenceSignal -> csi-rs : 14
qcl-Type : typeA

[4]

tci-StateId : 4
qcl-Type1
bwp-Id : 1
referenceSignal -> csi-rs : 18
qcl-Type : typeA

[5]

tci-StateId : 5
qcl-Type1
bwp-Id : 1
referenceSignal -> csi-rs : 22
qcl-Type : typeA

[6]

tci-StateId : 6
qcl-Type1
bwp-Id : 1
referenceSignal -> ssb : 0
qcl-Type : typeC

[7]

tci-StateId : 7
qcl-Type1
bwp-Id : 1
referenceSignal -> ssb : 1
qcl-Type : typeC

[8]

tci-StateId : 8
qcl-Type1
bwp-Id : 1
referenceSignal -> ssb : 2
qcl-Type : typeC

[9]

tci-StateId : 9
qcl-Type1
bwp-Id : 1
referenceSignal -> ssb : 3
qcl-Type : typeC

[10]

tci-StateId : 10
qcl-Type1

bwp-Id : 1
referenceSignal -> ssb : 4
qcl-Type : typeC
[11]
tci-StateId : 11
qcl-Type1
bwp-Id : 1
referenceSignal -> ssb : 5
qcl-Type : typeC
resourceAllocation : resourceAllocationType0
pdsch-TimeDomainAllocationList -> setup
[0]
mappingType : typeA
startSymbolAndLength : 40
[1]
mappingType : typeA
startSymbolAndLength : 54
[2]
mappingType : typeA
startSymbolAndLength : 68
[3]
mappingType : typeA
startSymbolAndLength : 96
[4]
mappingType : typeA
startSymbolAndLength : 53
[5]
mappingType : typeA
startSymbolAndLength : 67
[6]
mappingType : typeA
startSymbolAndLength : 81
[7]
mappingType : typeA
startSymbolAndLength : 100
[8]
mappingType : typeA
startSymbolAndLength : 99
[9]
mappingType : typeA
startSymbolAndLength : 86
[10]
mappingType : typeA
startSymbolAndLength : 66
[11]
mappingType : typeA
startSymbolAndLength : 95
[12]

mappingType : typeA
startSymbolAndLength : 94
[13]
mappingType : typeA
startSymbolAndLength : 80
[14]
mappingType : typeA
startSymbolAndLength : 101
[15]
mappingType : typeA
startSymbolAndLength : 87
rbg-Size : config1
maxNrofCodeWordsScheduledByDCI : n1
prb-BundlingType -> staticBundling
bundleSize : n4
radioLinkMonitoringConfig -> setup
beamFailureInstanceMaxCount : n3
beamFailureDetectionTimer : pbfd2
firstActiveDownlinkBWP-Id : 1
uplinkConfig
uplinkBWP-ToAddModList
[0]
bwp-Id : 1
bwp-Common
genericParameters
locationAndBandwidth : 16499
subcarrierSpacing : kHz30
rach-ConfigCommon -> setup
rach-ConfigGeneric
prach-ConfigurationIndex : 9
msg1-FDM : one
msg1-FrequencyStart : 28
zeroCorrelationZoneConfig : 9
preambleReceivedTargetPower : -114
preambleTransMax : n20
powerRampingStep : dB2
ra-ResponseWindow : sl80
ssb-perRACH-OccasionAndCB-PreamblesPerSSB -> one : n64
ra-ContentionResolutionTimer : sf64
rsrp-ThresholdSSB : -119.0 dBm (37)
prach-RootSequenceIndex -> I839 : 715
restrictedSetConfig : unrestrictedSet
pusch-ConfigCommon -> setup
pusch-TimeDomainAllocationList
[0]
k2 : 3
mappingType : typeA
startSymbolAndLength : 27

[1]
k2 : 3
mappingType : typeA
startSymbolAndLength : 41

[2]
k2 : 4
mappingType : typeA
startSymbolAndLength : 27

[3]
k2 : 5
mappingType : typeA
startSymbolAndLength : 27

[4]
k2 : 6
mappingType : typeA
startSymbolAndLength : 27

[5]
k2 : 9
mappingType : typeA
startSymbolAndLength : 27

[6]
k2 : 10
mappingType : typeA
startSymbolAndLength : 27

[7]
k2 : 11
mappingType : typeA
startSymbolAndLength : 27

[8]
k2 : 12
mappingType : typeA
startSymbolAndLength : 27
msg3-DeltaPreamble : 6
p0-NominalWithGrant : -102
pucch-ConfigCommon -> setup
pucch-GroupHopping : neither
hoppingId : 649
p0-nominal : -100
bwp-Dedicated
pucch-Config -> setup
resourceSetToAddModList

[0]
pucch-ResourceSetId : 0
resourceList

[0] : 0
[1] : 1
[2] : 2
[3] : 3

[4] : 4
[5] : 5
[6] : 6
[7] : 7
[1]
pucch-ResourceSetId : 1
resourceList
[0] : 10
[1] : 11
[2] : 12
[3] : 13
[4] : 14
[5] : 15
[6] : 16
[7] : 17
resourceToAddModList
[0]
pucch-ResourceId : 0
startingPRB : 0
intraSlotFrequencyHopping : enabled
secondHopPRB : 7
format -> format1
initialCyclicShift : 7
nrofSymbols : 14
startingSymbolIndex : 0
timeDomainOCC : 2
[1]
pucch-ResourceId : 1
startingPRB : 0
intraSlotFrequencyHopping : enabled
secondHopPRB : 7
format -> format1
initialCyclicShift : 9
nrofSymbols : 14
startingSymbolIndex : 0
timeDomainOCC : 2
[2]
pucch-ResourceId : 2
startingPRB : 3
intraSlotFrequencyHopping : enabled
secondHopPRB : 10
format -> format1
initialCyclicShift : 3
nrofSymbols : 14
startingSymbolIndex : 0
timeDomainOCC : 2
[3]
pucch-ResourceId : 3

startingPRB : 3
intraSlotFrequencyHopping : enabled
secondHopPRB : 10
format -> format1
initialCyclicShift : 4
nrofSymbols : 14
startingSymbolIndex : 0
timeDomainOCC : 1

[4]

pucch-ResourceId : 4
startingPRB : 4
intraSlotFrequencyHopping : enabled
secondHopPRB : 9
format -> format1
initialCyclicShift : 3
nrofSymbols : 14
startingSymbolIndex : 0
timeDomainOCC : 2

[5]

pucch-ResourceId : 5
startingPRB : 4
intraSlotFrequencyHopping : enabled
secondHopPRB : 9
format -> format1
initialCyclicShift : 4
nrofSymbols : 14
startingSymbolIndex : 0
timeDomainOCC : 1

[6]

pucch-ResourceId : 6
startingPRB : 2
intraSlotFrequencyHopping : enabled
secondHopPRB : 11
format -> format1
initialCyclicShift : 3
nrofSymbols : 14
startingSymbolIndex : 0
timeDomainOCC : 2

[7]

pucch-ResourceId : 7
startingPRB : 2
intraSlotFrequencyHopping : enabled
secondHopPRB : 11
format -> format1
initialCyclicShift : 4
nrofSymbols : 14
startingSymbolIndex : 0
timeDomainOCC : 1

[8]
pucch-ResourceId : 8
startingPRB : 1
intraSlotFrequencyHopping : enabled
secondHopPRB : 6
format -> format1
initialCyclicShift : 10
nrofSymbols : 14
startingSymbolIndex : 0
timeDomainOCC : 1

[9]
pucch-ResourceId : 10
startingPRB : 2
intraSlotFrequencyHopping : enabled
secondHopPRB : 11
format -> format3
nrofPRBs : 1
nrofSymbols : 14
startingSymbolIndex : 0

[10]
pucch-ResourceId : 11
startingPRB : 8
intraSlotFrequencyHopping : enabled
secondHopPRB : 5
format -> format3
nrofPRBs : 1
nrofSymbols : 14
startingSymbolIndex : 0

[11]
pucch-ResourceId : 12
startingPRB : 5
intraSlotFrequencyHopping : enabled
secondHopPRB : 8
format -> format3
nrofPRBs : 1
nrofSymbols : 14
startingSymbolIndex : 0

[12]
pucch-ResourceId : 13
startingPRB : 9
intraSlotFrequencyHopping : enabled
secondHopPRB : 4
format -> format3
nrofPRBs : 1
nrofSymbols : 14
startingSymbolIndex : 0

[13]
pucch-ResourceId : 14

startingPRB : 4
intraSlotFrequencyHopping : enabled
secondHopPRB : 9
format -> format3
nrofPRBs : 1
nrofSymbols : 14
startingSymbolIndex : 0
[14]
pucch-ResourceId : 15
startingPRB : 10
intraSlotFrequencyHopping : enabled
secondHopPRB : 3
format -> format3
nrofPRBs : 1
nrofSymbols : 14
startingSymbolIndex : 0
[15]
pucch-ResourceId : 16
startingPRB : 3
intraSlotFrequencyHopping : enabled
secondHopPRB : 10
format -> format3
nrofPRBs : 1
nrofSymbols : 14
startingSymbolIndex : 0
[16]
pucch-ResourceId : 17
startingPRB : 11
intraSlotFrequencyHopping : enabled
secondHopPRB : 2
format -> format3
nrofPRBs : 1
nrofSymbols : 14
startingSymbolIndex : 0
[17]
pucch-ResourceId : 9
startingPRB : 15
intraSlotFrequencyHopping : enabled
secondHopPRB : 14
format -> format3
nrofPRBs : 1
nrofSymbols : 14
startingSymbolIndex : 0
format1 -> setup
format3 -> setup
maxCodeRate : zeroDot25
schedulingRequestResourceToAddModList
[0]

schedulingRequestResourceId : 1
schedulingRequestId : 0
periodicityAndOffset -> sl40 : 14
resource : 8
multi-CSI-PUCCH-ResourceList
[0] : 9
dl-DataToUL-ACK
[0] : 4
[1] : 5
[2] : 6
[3] : 7
[4] : 8
[5] : 9
[6] : 11
[7] : 12
pucch-PowerControl
deltaF-PUCCH-f1 : 0
deltaF-PUCCH-f3 : 2
p0-Set
[0]
p0-PUCCH-Id : 1
p0-PUCCH-Value : 0
pusch-Config -> setup
txConfig : codebook
dmrs-UplinkForPUSCH-MappingTypeA -> setup
dmrs-AdditionalPosition : pos1
transformPrecodingDisabled
pusch-PowerControl
p0-AlphaSets
[0]
p0-PUSCH-AlphaSetId : 0
p0 : 0
alpha : alpha1
resourceAllocation : resourceAllocationType1
pusch-TimeDomainAllocationList -> setup
[0]
k2 : 3
mappingType : typeA
startSymbolAndLength : 27
[1]
k2 : 3
mappingType : typeA
startSymbolAndLength : 41
[2]
k2 : 4
mappingType : typeA
startSymbolAndLength : 27
[3]

k2 : 5
mappingType : typeA
startSymbolAndLength : 27
[4]
k2 : 6
mappingType : typeA
startSymbolAndLength : 27
[5]
k2 : 9
mappingType : typeA
startSymbolAndLength : 27
[6]
k2 : 10
mappingType : typeA
startSymbolAndLength : 27
[7]
k2 : 11
mappingType : typeA
startSymbolAndLength : 27
[8]
k2 : 12
mappingType : typeA
startSymbolAndLength : 27
transformPrecoder : disabled
codebookSubset : nonCoherent
maxRank : 1
uci-OnPUSCH -> setup
betaOffsets -> semiStatic
betaOffsetACK-Index1 : 11
betaOffsetACK-Index2 : 11
betaOffsetACK-Index3 : 6
betaOffsetCSI-Part1-Index1 : 13
betaOffsetCSI-Part1-Index2 : 13
scaling : f1
srs-Config -> setup
srs-ResourceSetToAddModList
[0]
srs-ResourceSetId : 0
srs-ResourceIdList
[0] : 0
resourceType -> aperiodic
aperiodicSRS-ResourceTrigger : 1
slotOffset : 3
usage : codebook
alpha : alpha1
p0 : -80
srs-ResourceToAddModList
[0]

srs-ResourceId : 0
nrofSRS-Ports : port1
transmissionComb -> n2
combOffset-n2 : 0
cyclicShift-n2 : 0
resourceMapping
startPosition : 0
nrofSymbols : n1
repetitionFactor : n1
freqDomainPosition : 0
freqDomainShift : 118
freqHopping
c-SRS : 1
b-SRS : 0
b-hop : 0
groupOrSequenceHopping : neither
resourceType -> aperiodic
sequenceId : 649
firstActiveUplinkBWP-Id : 1
pdsch-ServingCellConfig -> setup
nrofHARQ-ProcessesForPDSCH : n16
maxMIMO-Layers : 1
csi-MeasConfig -> setup
nzp-CSI-RS-ResourceToAddModList
[0]
nzp-CSI-RS-ResourceId : 0
resourceMapping
frequencyDomainAllocation -> other : '001100'B(12)
nrofPorts : p8
firstOFDMSymbolInTimeDomain : 12
cdm-Type : cdm4-FD2-TD2
density -> one : null
freqBand
startingRB : 0
nrofRBs : 220
powerControlOffset : -2
powerControlOffsetSS : db0
scramblingID : 649
periodicityAndOffset -> slots320 : 20
[1]
nzp-CSI-RS-ResourceId : 2
resourceMapping
frequencyDomainAllocation -> row1 : '0001'B(1)
nrofPorts : p1
firstOFDMSymbolInTimeDomain : 4
cdm-Type : noCDM
density -> three : null
freqBand

startingRB : 0
nrofRBs : 220
powerControlOffset : -2
powerControlOffsetSS : db0
scramblingID : 649
periodicityAndOffset -> slots160 : 20
qcl-InfoPeriodicCSI-RS : 6
[2]
nzp-CSI-RS-ResourceId : 3
resourceMapping
frequencyDomainAllocation -> row1 : '0001'B(1)
nrofPorts : p1
firstOFDMSymbolInTimeDomain : 8
cdm-Type : noCDM
density -> three : null
freqBand
startingRB : 0
nrofRBs : 220
powerControlOffset : -2
powerControlOffsetSS : db0
scramblingID : 649
periodicityAndOffset -> slots160 : 20
qcl-InfoPeriodicCSI-RS : 6
[3]
nzp-CSI-RS-ResourceId : 4
resourceMapping
frequencyDomainAllocation -> row1 : '0001'B(1)
nrofPorts : p1
firstOFDMSymbolInTimeDomain : 4
cdm-Type : noCDM
density -> three : null
freqBand
startingRB : 0
nrofRBs : 220
powerControlOffset : -2
powerControlOffsetSS : db0
scramblingID : 649
periodicityAndOffset -> slots160 : 21
qcl-InfoPeriodicCSI-RS : 6
[4]
nzp-CSI-RS-ResourceId : 5
resourceMapping
frequencyDomainAllocation -> row1 : '0001'B(1)
nrofPorts : p1
firstOFDMSymbolInTimeDomain : 8
cdm-Type : noCDM
density -> three : null
freqBand

startingRB : 0
nrofRBs : 220
powerControlOffset : -2
powerControlOffsetSS : db0
scramblingID : 649
periodicityAndOffset -> slots160 : 21
qcl-InfoPeriodicCSI-RS : 6
[5]
nzp-CSI-RS-ResourceId : 6
resourceMapping
frequencyDomainAllocation -> row1 : '0100'B(4)
nrofPorts : p1
firstOFDMSymbolInTimeDomain : 4
cdm-Type : noCDM
density -> three : null
freqBand
startingRB : 0
nrofRBs : 220
powerControlOffset : -2
powerControlOffsetSS : db0
scramblingID : 982
periodicityAndOffset -> slots160 : 20
qcl-InfoPeriodicCSI-RS : 7
[6]
nzp-CSI-RS-ResourceId : 7
resourceMapping
frequencyDomainAllocation -> row1 : '0100'B(4)
nrofPorts : p1
firstOFDMSymbolInTimeDomain : 8
cdm-Type : noCDM
density -> three : null
freqBand
startingRB : 0
nrofRBs : 220
powerControlOffset : -2
powerControlOffsetSS : db0
scramblingID : 982
periodicityAndOffset -> slots160 : 20
qcl-InfoPeriodicCSI-RS : 7
[7]
nzp-CSI-RS-ResourceId : 8
resourceMapping
frequencyDomainAllocation -> row1 : '0100'B(4)
nrofPorts : p1
firstOFDMSymbolInTimeDomain : 4
cdm-Type : noCDM
density -> three : null
freqBand

startingRB : 0
nrofRBs : 220
powerControlOffset : -2
powerControlOffsetSS : db0
scramblingID : 982
periodicityAndOffset -> slots160 : 21
qcl-InfoPeriodicCSI-RS : 7
[8]
nzp-CSI-RS-ResourceId : 9
resourceMapping
frequencyDomainAllocation -> row1 : '0100'B(4)
nrofPorts : p1
firstOFDMSymbolInTimeDomain : 8
cdm-Type : noCDM
density -> three : null
freqBand
startingRB : 0
nrofRBs : 220
powerControlOffset : -2
powerControlOffsetSS : db0
scramblingID : 982
periodicityAndOffset -> slots160 : 21
qcl-InfoPeriodicCSI-RS : 7
[9]
nzp-CSI-RS-ResourceId : 10
resourceMapping
frequencyDomainAllocation -> row1 : '0010'B(2)
nrofPorts : p1
firstOFDMSymbolInTimeDomain : 5
cdm-Type : noCDM
density -> three : null
freqBand
startingRB : 0
nrofRBs : 220
powerControlOffset : -2
powerControlOffsetSS : db0
scramblingID : 649
periodicityAndOffset -> slots160 : 20
qcl-InfoPeriodicCSI-RS : 8
[10]
nzp-CSI-RS-ResourceId : 11
resourceMapping
frequencyDomainAllocation -> row1 : '0010'B(2)
nrofPorts : p1
firstOFDMSymbolInTimeDomain : 9
cdm-Type : noCDM
density -> three : null
freqBand

startingRB : 0
nrofRBs : 220
powerControlOffset : -2
powerControlOffsetSS : db0
scramblingID : 649
periodicityAndOffset -> slots160 : 20
qcl-InfoPeriodicCSI-RS : 8
[11]
nzp-CSI-RS-ResourceId : 12
resourceMapping
frequencyDomainAllocation -> row1 : '0010'B(2)
nrofPorts : p1
firstOFDMSymbolInTimeDomain : 5
cdm-Type : noCDM
density -> three : null
freqBand
startingRB : 0
nrofRBs : 220
powerControlOffset : -2
powerControlOffsetSS : db0
scramblingID : 649
periodicityAndOffset -> slots160 : 21
qcl-InfoPeriodicCSI-RS : 8
[12]
nzp-CSI-RS-ResourceId : 13
resourceMapping
frequencyDomainAllocation -> row1 : '0010'B(2)
nrofPorts : p1
firstOFDMSymbolInTimeDomain : 9
cdm-Type : noCDM
density -> three : null
freqBand
startingRB : 0
nrofRBs : 220
powerControlOffset : -2
powerControlOffsetSS : db0
scramblingID : 649
periodicityAndOffset -> slots160 : 21
qcl-InfoPeriodicCSI-RS : 8
[13]
nzp-CSI-RS-ResourceId : 14
resourceMapping
frequencyDomainAllocation -> row1 : '1000'B(8)
nrofPorts : p1
firstOFDMSymbolInTimeDomain : 5
cdm-Type : noCDM
density -> three : null
freqBand

startingRB : 0
nrofRBs : 220
powerControlOffset : -2
powerControlOffsetSS : db0
scramblingID : 982
periodicityAndOffset -> slots160 : 20
qcl-InfoPeriodicCSI-RS : 9
[14]
nzp-CSI-RS-ResourceId : 15
resourceMapping
frequencyDomainAllocation -> row1 : '1000'B(8)
nrofPorts : p1
firstOFDMSymbolInTimeDomain : 9
cdm-Type : noCDM
density -> three : null
freqBand
startingRB : 0
nrofRBs : 220
powerControlOffset : -2
powerControlOffsetSS : db0
scramblingID : 982
periodicityAndOffset -> slots160 : 20
qcl-InfoPeriodicCSI-RS : 9
[15]
nzp-CSI-RS-ResourceId : 16
resourceMapping
frequencyDomainAllocation -> row1 : '1000'B(8)
nrofPorts : p1
firstOFDMSymbolInTimeDomain : 5
cdm-Type : noCDM
density -> three : null
freqBand
startingRB : 0
nrofRBs : 220
powerControlOffset : -2
powerControlOffsetSS : db0
scramblingID : 982
periodicityAndOffset -> slots160 : 21
qcl-InfoPeriodicCSI-RS : 9
[16]
nzp-CSI-RS-ResourceId : 17
resourceMapping
frequencyDomainAllocation -> row1 : '1000'B(8)
nrofPorts : p1
firstOFDMSymbolInTimeDomain : 9
cdm-Type : noCDM
density -> three : null
freqBand

startingRB : 0
nrofRBs : 220
powerControlOffset : -2
powerControlOffsetSS : db0
scramblingID : 982
periodicityAndOffset -> slots160 : 21
qcl-InfoPeriodicCSI-RS : 9
[17]
nzp-CSI-RS-ResourceId : 18
resourceMapping
frequencyDomainAllocation -> row1 : '0001'B(1)
nrofPorts : p1
firstOFDMSymbolInTimeDomain : 6
cdm-Type : noCDM
density -> three : null
freqBand
startingRB : 0
nrofRBs : 220
powerControlOffset : -2
powerControlOffsetSS : db0
scramblingID : 649
periodicityAndOffset -> slots160 : 20
qcl-InfoPeriodicCSI-RS : 10
[18]
nzp-CSI-RS-ResourceId : 19
resourceMapping
frequencyDomainAllocation -> row1 : '0001'B(1)
nrofPorts : p1
firstOFDMSymbolInTimeDomain : 10
cdm-Type : noCDM
density -> three : null
freqBand
startingRB : 0
nrofRBs : 220
powerControlOffset : -2
powerControlOffsetSS : db0
scramblingID : 649
periodicityAndOffset -> slots160 : 20
qcl-InfoPeriodicCSI-RS : 10
[19]
nzp-CSI-RS-ResourceId : 20
resourceMapping
frequencyDomainAllocation -> row1 : '0001'B(1)
nrofPorts : p1
firstOFDMSymbolInTimeDomain : 6
cdm-Type : noCDM
density -> three : null
freqBand

startingRB : 0
nrofRBs : 220
powerControlOffset : -2
powerControlOffsetSS : db0
scramblingID : 649
periodicityAndOffset -> slots160 : 21
qcl-InfoPeriodicCSI-RS : 10
[20]
nzp-CSI-RS-ResourceId : 21
resourceMapping
frequencyDomainAllocation -> row1 : '0001'B(1)
nrofPorts : p1
firstOFDMSymbolInTimeDomain : 10
cdm-Type : noCDM
density -> three : null
freqBand
startingRB : 0
nrofRBs : 220
powerControlOffset : -2
powerControlOffsetSS : db0
scramblingID : 649
periodicityAndOffset -> slots160 : 21
qcl-InfoPeriodicCSI-RS : 10
[21]
nzp-CSI-RS-ResourceId : 22
resourceMapping
frequencyDomainAllocation -> row1 : '0100'B(4)
nrofPorts : p1
firstOFDMSymbolInTimeDomain : 6
cdm-Type : noCDM
density -> three : null
freqBand
startingRB : 0
nrofRBs : 220
powerControlOffset : -2
powerControlOffsetSS : db0
scramblingID : 982
periodicityAndOffset -> slots160 : 20
qcl-InfoPeriodicCSI-RS : 11
[22]
nzp-CSI-RS-ResourceId : 23
resourceMapping
frequencyDomainAllocation -> row1 : '0100'B(4)
nrofPorts : p1
firstOFDMSymbolInTimeDomain : 10
cdm-Type : noCDM
density -> three : null
freqBand

startingRB : 0
nrofRBs : 220
powerControlOffset : -2
powerControlOffsetSS : db0
scramblingID : 982
periodicityAndOffset -> slots160 : 20
qcl-InfoPeriodicCSI-RS : 11
[23]
nzp-CSI-RS-ResourceId : 24
resourceMapping
frequencyDomainAllocation -> row1 : '0100'B(4)
nrofPorts : p1
firstOFDMSymbolInTimeDomain : 6
cdm-Type : noCDM
density -> three : null
freqBand
startingRB : 0
nrofRBs : 220
powerControlOffset : -2
powerControlOffsetSS : db0
scramblingID : 982
periodicityAndOffset -> slots160 : 21
qcl-InfoPeriodicCSI-RS : 11
[24]
nzp-CSI-RS-ResourceId : 25
resourceMapping
frequencyDomainAllocation -> row1 : '0100'B(4)
nrofPorts : p1
firstOFDMSymbolInTimeDomain : 10
cdm-Type : noCDM
density -> three : null
freqBand
startingRB : 0
nrofRBs : 220
powerControlOffset : -2
powerControlOffsetSS : db0
scramblingID : 982
periodicityAndOffset -> slots160 : 21
qcl-InfoPeriodicCSI-RS : 11
nzp-CSI-RS-ResourceSetToAddModList
[0]
nzp-CSI-ResourceSetId : 0
nzp-CSI-RS-Resources
[0] : 0
[1]
nzp-CSI-ResourceSetId : 3
nzp-CSI-RS-Resources
[0] : 2

[1] : 3
[2] : 4
[3] : 5
repetition : off
trs-Info : true
[2]
nzp-CSI-ResourceSetId : 4
nzp-CSI-RS-Resources
[0] : 6
[1] : 7
[2] : 8
[3] : 9
repetition : off
trs-Info : true
[3]
nzp-CSI-ResourceSetId : 5
nzp-CSI-RS-Resources
[0] : 10
[1] : 11
[2] : 12
[3] : 13
repetition : off
trs-Info : true
[4]
nzp-CSI-ResourceSetId : 6
nzp-CSI-RS-Resources
[0] : 14
[1] : 15
[2] : 16
[3] : 17
repetition : off
trs-Info : true
[5]
nzp-CSI-ResourceSetId : 7
nzp-CSI-RS-Resources
[0] : 18
[1] : 19
[2] : 20
[3] : 21
repetition : off
trs-Info : true
[6]
nzp-CSI-ResourceSetId : 8
nzp-CSI-RS-Resources
[0] : 22
[1] : 23
[2] : 24
[3] : 25

repetition : off
trs-Info : true
csi-IM-ResourceToAddModList
[0]
csi-IM-ResourceId : 0
csi-IM-ResourceElementPattern -> pattern1
subcarrierLocation-p1 : s0
symbolLocation-p1 : 12
freqBand
startingRB : 0
nrofRBs : 220
periodicityAndOffset -> slots320 : 20
csi-IM-ResourceSetToAddModList
[0]
csi-IM-ResourceSetId : 0
csi-IM-Resources
[0] : 0
csi-SSB-ResourceSetToAddModList
[0]
csi-SSB-ResourceSetId : 0
csi-SSB-ResourceList
[0] : 0
[1] : 1
[2] : 2
[3] : 3
[4] : 4
[5] : 5
csi-ResourceConfigToAddModList
[0]
csi-ResourceConfigId : 0
csi-RS-ResourceSetList -> nzp-CSI-RS-SSB
nzp-CSI-RS-ResourceSetList
[0] : 0
bwp-Id : 1
resourceType : periodic
[1]
csi-ResourceConfigId : 2
csi-RS-ResourceSetList -> nzp-CSI-RS-SSB
nzp-CSI-RS-ResourceSetList
[0] : 3
bwp-Id : 1
resourceType : periodic
[2]
csi-ResourceConfigId : 3
csi-RS-ResourceSetList -> nzp-CSI-RS-SSB
nzp-CSI-RS-ResourceSetList
[0] : 4
bwp-Id : 1

resourceType : periodic
[3]
csi-ResourceConfigId : 4
csi-RS-ResourceSetList -> nzp-CSI-RS-SSB
 nzp-CSI-RS-ResourceSetList
 [0] : 5
bwp-Id : 1
resourceType : periodic
[4]
csi-ResourceConfigId : 5
csi-RS-ResourceSetList -> nzp-CSI-RS-SSB
 nzp-CSI-RS-ResourceSetList
 [0] : 6
bwp-Id : 1
resourceType : periodic
[5]
csi-ResourceConfigId : 6
csi-RS-ResourceSetList -> nzp-CSI-RS-SSB
 nzp-CSI-RS-ResourceSetList
 [0] : 7
bwp-Id : 1
resourceType : periodic
[6]
csi-ResourceConfigId : 7
csi-RS-ResourceSetList -> nzp-CSI-RS-SSB
 nzp-CSI-RS-ResourceSetList
 [0] : 8
bwp-Id : 1
resourceType : periodic
[7]
csi-ResourceConfigId : 10
csi-RS-ResourceSetList -> nzp-CSI-RS-SSB
 csi-SSB-ResourceSetList
 [0] : 0
bwp-Id : 1
resourceType : periodic
[8]
csi-ResourceConfigId : 11
csi-RS-ResourceSetList -> csi-IM-ResourceSetList
 [0] : 0
bwp-Id : 1
resourceType : periodic
csi-ReportConfigToAddModList
[0]
 reportConfigId : 0
 resourcesForChannelMeasurement : 0
 csi-IM-ResourcesForInterference : 11
 reportConfigType -> periodic

reportSlotConfig -> slots320 : 94
pucch-CSI-ResourceList
[0]
 uplinkBandwidthPartId : 1
 pucch-Resource : 9
reportQuantity -> cri-RI-LI-PMI-CQI : null
reportFreqConfiguration
 cqi-FormatIndicator : widebandCQI
 pmi-FormatIndicator : widebandPMI
 csi-ReportingBand -> subbands14 : '11111111 111111'B(16383)
 timeRestrictionForChannelMeasurements : configured
 timeRestrictionForInterferenceMeasurements : configured
codebookConfig
 codebookType -> type1
 subType -> type1-SinglePanel
 nrOfAntennaPorts -> moreThanTwo
 n1-n2 -> four-one-Type1-SinglePanel-Restriction : '11111111 11111111'B(65535)
 type1-SinglePanel-ri-Restriction : '00000001'B(1)
 codebookMode : 1
groupBasedBeamReporting -> disabled
cqi-Table : table1
subbandSize : value1
[1]
 reportConfigId : 2
 resourcesForChannelMeasurement : 10
 reportConfigType -> periodic
 reportSlotConfig -> slots320 : 94
 pucch-CSI-ResourceList
 [0]
 uplinkBandwidthPartId : 1
 pucch-Resource : 9
 reportQuantity -> ssb-Index-RSRP : null
 timeRestrictionForChannelMeasurements : notConfigured
 timeRestrictionForInterferenceMeasurements : notConfigured
 groupBasedBeamReporting -> disabled
 nrofReportedRS : n1
 cqi-Table : table1
 subbandSize : value1
tag-Id : 0