**3GPP TSG RAN WG1 #112bis R1-23xxxxx**

**e-Meeting, April 17th – April 26th, 2023**

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| *CR-Form-v12.0* |
| **CHANGE REQUEST** |
|  |
|  | **38.213** | **CR** | **DRAFT** | **rev** |  | **Current version:** | **17.5.0** |  |
|  |
| *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)*.* |
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| ***Proposed change affects:*** | UICC apps |  | ME | **X** | Radio Access Network | **X** | Core Network |  |

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| ***Title:***  | Draft CR for MBS without mTRP |
|  |  |
| ***Source to WG:*** | Moderator (CMCC), Qualcomm Incorporated |
| ***Source to TSG:*** |  |
|  |  |
| ***Work item code:*** |   |  | ***Date:*** | 2023-04-17 |
|  |  |  |  |  |
| ***Category:*** | F |  | ***Release:*** | Rel-17 |
|  | *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 canbe 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-12 (Release 12)**Rel-13 (Release 13)Rel-14 (Release 14)Rel-15 (Release 15)Rel-16 (Release 16)* |
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| ***Reason for change:*** | The current spec is not clear whether to apply mTPR configuration to MBS PDCCH/PDSCH transmission. |
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| ***Summary of change:*** | The UE does not expect to be configured with *CORESETPoolIndex* in a CORESET or *SearchSpaceLinkingId* in a search space for DCI format 4\_0, 4\_1 and 4\_2. The UE does not expect to be indicated with a TCI codepoint in a DCI format 4\_2 that maps to two TCI states. |
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| ***Consequences if not approved:*** |  The UE cannot support the mTRP configuration if mTRP is configured for MBS PDCCH/PDSCH transmission.  |
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| ***Clauses affected:*** | 18 |
|  |  |
|  | **Y** | **N** |  |  |
| ***Other specs*** |  | **X** |  Other core specifications  | TS/TR ... CR ...  |
| ***affected:*** |  | **X** |  Test specifications | TS/TR ... CR ...  |
| ***(show related CRs)*** |  | **X** |  O&M Specifications | TS/TR ... CR ...  |
|  |  |
| ***Other comments:*** |  |
|  |  |
| ***This CR's revision history:*** |  |

# 18 Multicast Broadcast Services

\*\*\* Unchanged text is omitted \*\*\*

A UE can be configured by *cfr-ConfigMCCH-MTCH* an MBS frequency resource for PDCCH and PDSCH receptions providing MCCH and broadcast MTCH [12, TS 38.331]; otherwise, the MBS frequency resource is same as for the CORESET with index 0 that is associated with the Type0-PDCCH CSS set for PDCCH and PDSCH receptions providing MCCH and broadcast MTCH. A UE monitors PDCCH for scheduling PDSCH receptions for MCCH or broadcast MTCH as described in clause 10.1.

In clauses referring to a higher layer parameter value provided by *PDCCH-ConfigCommon* or *PDSCH-ConfigCommon*, when applicable a corresponding higher layer parameter value for MCCH/broadcast MTCH PDCCH receptions or PDSCH receptions, respectively, is provided as described in [12, TS 38.331].

A UE can be configured, per DL BWP by *cfr-ConfigMulticast*, an MBS frequency resource within the DL BWP for PDCCH and PDSCH receptions [4, TS 38.211]. If *cfr-ConfigMulticast* does not include *locationAndBandwidthMulticast*, the MBS frequency resource is the DL BWP. In clauses referring to a higher layer parameter value provided by *PDCCH-Config* or *PDSCH-Config* or *SPS-Config* for a DL BWP, when applicable a corresponding higher layer parameter value for multicast PDCCH, PDSCH, or SPS PDSCH receptions is provided as described in [12, TS 38.331].

The UE does not expect to be configured with *CORESETPoolIndex* in a CORESET or *SearchSpaceLinkingId* in a search space for DCI format 4\_0, 4\_1 and 4\_2. The UE does not expect to be indicated with a TCI codepoint in a DCI format 4\_2 that maps to two TCI states.

\*\*\* Unchanged text is omitted \*\*\*