**3GPP TSG-RAN WG1 Meeting #110bis-e *R1-22xxxxx***

**e-Meeting, October 10th – 19th, 2022**

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| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| *CR-Form-v12.2* | | | | | | | | |
| **CHANGE REQUEST** | | | | | | | | |
|  | | | | | | | | |
|  | **213** | **CR** | **DRAFT** | **rev** |  | **Current version:** | **17.3.0** |  |
|  | | | | | | | | |
| *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:*** | TBD | | | | | | | | | |
|  |  | | | | | | | | | |
| ***Source to WG:*** | Moderator (Lenovo), CATT, Huawei, Ericsson | | | | | | | | | |
| ***Source to TSG:*** |  | | | | | | | | | |
|  |  | | | | | | | | | |
| ***Work item code:*** | NR\_ext\_to\_71GHz-Core | | | | |  | ***Date:*** | | | 2022-10-17 |
|  |  | | | |  | |  | | |  |
| ***Category:*** | **F** |  | | | | | ***Release:*** | | |  |
|  | *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-16 (Release 16) Rel-17 (Release 17) Rel-18 (Release 18) Rel-19 (Release 19)* | |
|  |  | | | | | | | | | |
| ***Reason for change:*** | | TBD | | | | | | | | |
|  | |  | | | | | | | | |
| ***Summary of change:*** | | TBD | | | | | | | | |
|  | |  | | | | | | | | |
| ***Consequences if not approved:*** | | TBD | | | | | | | | |
|  | |  | | | | | | | | |
| ***Clauses affected:*** | | 10.1 | | | | | | | | |
|  | |  | | | | | | | | |
|  | | **Y** | **N** |  | | | |  | | |
| ***Other specs*** | |  | **N** | Other core specifications | | | | TS/TR ... CR ... | | |
| ***affected:*** | |  | **N** | Test specifications | | | | TS/TR ... CR ... | | |
| ***(show related CRs)*** | |  | **N** | O&M Specifications | | | | TS/TR ... CR ... | | |
|  | |  | | | | | | | | |
| ***Other comments:*** | |  | | | | | | | | |
|  | |  | | | | | | | | |
| ***This CR's revision history:*** | |  | | | | | | | | |

10.1 UE procedure for determining physical downlink control channel assignment

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

If a UE is configured with downlink cells for which the UE is provided *monitoringCapabilityConfig* = *r17monitoringcapability* for the active DL BWPs of the scheduling cells, and with of the downlink cells using any combination for a group of slots for PDCCH monitoring, where , the UE is not required to monitor, on the active DL BWP of the scheduling cell,

- more than PDCCH candidates or more than non-overlapped CCEs per group of slots for each scheduled cell when the scheduling cell is from the downlink cells, or

- more than PDCCH candidates or more than non-overlapped CCEs per group of slots for each scheduled cell when the scheduling cell is from the downlink cells, or

- more than PDCCH candidates or more than non-overlapped CCEs per group of slots for CORESETs with same *coresetPoolIndex* for each scheduled cell when the scheduling cell is from the downlink cells

If the UE is configured with downlink cells for which the UE is provided *monitoringCapabilityConfig* = *r15monitoringcapability* and downlink cells for which the UE is provided *monitoringCapabilityConfig* = *r17monitoringcapability* for the active DL BWPs, is replaced by . If the UE is configured with downlink cells for which the UE is provided *monitoringCapabilityConfig* = *r16monitoringcapability* and downlink cells for which the UE is provided *monitoringCapabilityConfig* = *r17monitoringcapability* for the active DL BWPs, is replaced by . If the UE is configured with downlink cells for which the UE is provided *monitoringCapabilityConfig* = *r15monitoringcapability* and downlink cells for which the UE is provided *monitoringCapabilityConfig* = *r16monitoringcapability* and downlink cells for which the UE is provided *monitoringCapabilityConfig* = *r17monitoringcapability* for the active DL BWPs, is replaced by . If, for one or more of the cells, the UE is provided with *monitoringCapabilityConfig* = *r16monitoringcapability*, .

If a UE is configured downlink cells for which the UE is provided *monitoringCapabilityConfig* = *r17monitoringcapability* for the active DL BWPs of the scheduling cells, and with of the downlink cells using any combination for a group of slots for PDCCH monitoring, where , a DL BWP of an activated cell is the active DL BWP of the activated cell, and a DL BWP of a deactivated cell is the DL BWP with index provided by *firstActiveDownlinkBWP-Id* for the deactivated cell, the UE is not required to monitor more than PDCCH candidates, or more than non-overlapped CCEs, per group of slots on the active DL BWP(s) of scheduling cell(s) from the downlink cells where is a number of configured cells with associated PDCCH candidates monitored in the active DL BWPs of the scheduling cells using SCS configuration .

If the UE is configured with downlink cells for which the UE is provided *monitoringCapabilityConfig* = *r15monitoringcapability* and downlink cells for which the UE is provided *monitoringCapabilityConfig* = *r17monitoringcapability* for the active DL BWPs, is replaced by . If the UE is configured with downlink cells for which the UE is provided *monitoringCapabilityConfig* = *r16monitoringcapability* and downlink cells for which the UE is provided *monitoringCapabilityConfig* = *r17monitoringcapability* for the active DL BWPs, is replaced by . If the UE is configured with downlink cells for which the UE is provided *monitoringCapabilityConfig* = *r15monitoringcapability* and downlink cells for which the UE is provided *monitoringCapabilityConfig* = *r16monitoringcapability* and downlink cells for which the UE is provided *monitoringCapabilityConfig* = *r17monitoringcapability* for the active DL BWPs, is replaced by . If, for one or more of the cells, the UE is provided with *monitoringCapabilityConfig* = *r16monitoringcapability*, .

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