**3GPP TSG RAN WG1 #108-e** **R1-22xxxxx**

**e-Meeting, February 21st – March 3rd, 2022**

|  |
| --- |
| *CR-Form-v12.0* |
| **DRAFT CHANGE REQUEST** |
|  |
|  | **38.213** | **CR** |  | **rev** |  | **Current version:** | **17.0.0** |  |
|  |
| *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 | **X** | Radio Access Network | **X** | Core Network |  |

|  |
| --- |
|  |
| ***Title:***  | Corrections on dynamic spectrum sharing enhancements in NR |
|  |  |
| ***Source to WG:*** | Samsung |
| ***Source to TSG:*** |  |
|  |  |
| ***Work item code:*** |  |  | ***Date:*** | 2022-03-07 |
|  |  |  |  |  |
| ***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)* |
|  |  |
| ***Reason for change:*** | Update the expressions for the allocation of PDCCH candidates/non-overlapping CCEs to P(S)Cell/sSCell to obtain corresponding integer values (the total/sum is as in Rel-16). |
|  |  |
| ***Summary of change:*** | Adjust the aforementioned expressions by incorporating the ‘floor’ function to obtain integer values (the total/sum is as in Rel-16). |
|  |  |
| ***Consequences if not approved:*** | Potential ambiguity if non-integer values result from the aforementioned expressions for the number of PDCCH candidates/non-overlapping CCEs. |
|  |  |
| ***Clauses affected:*** | 10.1.1 |
|  |  |
|  | **Y** | **N** |  |  |
| ***Other specs*** | **X** |  |  Other core specifications  | TS 38.212, TS 38.331 |
| ***affected:*** |  | **X** |  Test specifications | TS/TR ... CR ...  |
| ***(show related CRs)*** |  | **X** |  O&M Specifications | TS/TR ... CR ...  |
|  |  |
| ***Other comments:*** |  |
|  |  |
| ***This CR's revision history:*** |  |

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

### 10.1.1 Self-carrier and cross-carrier scheduling on the primary cell

A UE can be configured for scheduling on the primary cell from the primary cell and from a secondary cell [12, TS 38.331]. The UE is either not provided *monitoringCapabilityConfig* or the UE is provided only *monitoringCapabilityConfig* = *r15monitoringcapability* for the primary cell and for the secondary cell. The UE is not provided *coresetPoolIndex* on the primary cell or on the secondary cell.

The SCS configuration for the active DL BWP on the primary cell is smaller than or equal to the SCS configuration for the active DL BWP on the secondary cell.

For the remaining of this clause, the secondary cell is activated and the active DL BWP is not a dormant DL BWP for a UE; otherwise, scheduling on the primary cell from the secondary cell is not applicable for the UE and the procedures are as described in clause 10.1.

If , the UE determines and , and determines and , by including the primary cell only in the downlink cells in , as described in clause 10.1. If , the UE determines and by including the primary cell once in the downlink cells in , as described in clause 10.1.

For scheduling on the primary cell from the primary cell, the UE is not required to monitor more than PDCCH candidates per slot or more than non-overlapping CCEs per slot on the active DL BWP of the primary cell, where is provided by *ccs-BlindDetectionSplit*.

For scheduling on the primary cell from the secondary cell, the UE is not required to monitor on the active DL BWP of the secondary cell more than

- PDCCH candidates per slot or more than non-overlapping CCEs per slot of the active DL BWP of the secondary cell

- PDCCH candidates per slot or more than non-overlapping CCEs per slot of the active DL BWP of the primary cell

If , the UE does not count PDCCH candidates and non-overlapping CCEs that the UE monitors for scheduling on the primary cell from the secondary cell towards and , respectively.

If , the UE counts PDCCH candidates and non-overlapping CCEs that the UE monitors for scheduling on the primary cell from the secondary cell towards and , respectively.

For allocation of PDCCH candidates and non-overlapping CCEs to search space sets for scheduling on the primary cell from the primary cell, the UE applies the procedure in clause 10.1 using instead of , and using instead of for the primary cell.

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