**3GPP TSG RAN WG1 #107-e** **R1-211xxxx**

**e-Meeting, November 11th – 19th, 2021**

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| *CR-Form-v12.0* |
| **DRAFT CHANGE REQUEST** |
|  |
|  | **38.213** | **CR** |  | **rev** |  | **Current version:** | **16.7.0** |  |
|  |
| *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:***  | Introduction of dynamic spectrum sharing enhancements in NR |
|  |  |
| ***Source to WG:*** | Samsung |
| ***Source to TSG:*** |  |
|  |  |
| ***Work item code:*** | LTE\_NR\_DSS-Core |  | ***Date:*** | 2021-11-29 |
|  |  |  |  |  |
| ***Category:*** | B |  | ***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:*** | Introduction of LTE-NR DC enhancements in NR. |
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| ***Summary of change:*** | Add descriptions for scheduling on the primary cell from the primary cell and from a secondary cell. |
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| ***Consequences if not approved:*** | Incomplete support for dynamic spectrum sharing enhancements in NR. |
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| ***Clauses affected:*** | 10.1.1 (new) |
|  |  |
|  | **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.

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 *PCell-CCSscaling*.

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.

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