**3GPP TSG-RAN4 Meeting #100-eR4-2115325**

**, 16 – 27 Aug, 2021**

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| *CR-Form-v12.1* | | | | | | | | |
| **CHANGE REQUEST** | | | | | | | | |
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|  | **38.133** | **CR** |  | **rev** |  | **Current version:** | **16.8.0** |  |
|  | | | | | | | | |
| *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 |  | Radio Access Network | **X** | Core Network |  |

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| ***Title:*** | Draft CR on scheduling restriction applicability for FR1 and FR1+FR2 inter-band CA R16 [Simultaneous UL/DL capability for iner-band CA] | | | | | | | | | |
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| ***Source to WG:*** | Apple | | | | | | | | | |
| ***Source to TSG:*** | R4 | | | | | | | | | |
|  |  | | | | | | | | | |
| ***Work item code:*** |  | | | | |  | ***Date:*** | | |  |
|  |  | | | |  | |  | | |  |
| ***Category:*** | **F** |  | | | | | ***Release:*** | | | Rel-16 |
|  | *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-15 (Release 15) Rel-16 (Release 16) Rel-17 (Release 17) Rel-18 (Release 18)* | |
|  |  | | | | | | | | | |
| ***Reason for change:*** | | The scheduling restriction applicability for FR1 and FR1+FR2 inter-band CA case is missing in TS38.133 | | | | | | | | |
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| ***Summary of change:*** | | Proposal 1: RAN4 to introduce applicability of scheduling availability requirement for FR1 inter-band CA such that the scheduling availability requirements for FR1 inter-band CA are not applicable if the network configures simultaneous UL/DL between two FR1 bands but the UE does not have the capability of supporting simultaneousRxTxInterBandCA.  Proposal 2: RAN4 to introduce applicability of scheduling availability requirement for FR1+FR2 inter-band CA such that the scheduling availability requirements for FR1+FR2 CA are not applicable if the network configures simultaneous UL/DL between FR1 and FR2 bands but the UE does not have the capability of supporting simultaneousRxTxInterBandCA on this band combination. | | | | | | | | |
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| ***Consequences if not approved:*** | | The scheduling restriction applicability for FR1 and FR1+FR2 inter-band CA case is missing in TS38.133 | | | | | | | | |
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| ***Clauses affected:*** | | Section 3.6.9 | | | | | | | | |
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|  | | **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:*** | |  | | | | | | | | |

Start of Change 1

### 3.6.9 Applicability of requirements for scheduling availability

The scheduling availability requirements in clause 8.1.7.3, 8.5.7.3, 8.5.8.3, 9.2.5.3.3, 9.5.6.3 and 9.10.2.6.2 assumes that:

- The network will not configure simultaneous UL/DL between two FR2 bands if the UE does not have the capability of supporting *simultaneousRxTxInterBandCA*, and

- The network will not configure mixed numerology on two FR2 CCs if the UE does not have the capability of supporting simultaneous reception with two different numerologies between FR2 CCs in DL.

The scheduling availability requirements in clause 8.1.7.1, 8.1.7.2, 8.5.7.1, 8.5.7.2, 8.5.8.1, 8.5.8.2, 9.5.6.1 and 9.5.6.2 assumes that network will not configure simultaneous UL/DL between two FR1 bands if the UE does not have the capability of supporting *simultaneousRxTxInterBandCA*.

The scheduling availability requirements in clause 8.1.7.4, 8.5.7.4, 8.5.8.4 and 9.5.6.4 assumes that network will not configure simultaneous UL/DL between FR1 and FR2 bands if the UE does not have the capability of supporting *simultaneousRxTxInterBandCA* on this band combination.

End of Change 1