3GPP TSG-RAN WG4 Meeting # 104-e R4-221xxxx

Electronic Meeting, August 15 – August 26, 2022

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| *CR-Form-v12.2* | | | | | | | | |
| **CHANGE REQUEST** | | | | | | | | |
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|  | **38.133** | **CR** | 2419 | **rev** | **1** | **Current version:** | **17.6.0** |  |
|  | | | | | | | | |
| *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 |  | Core Network |  |

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| ***Title:*** | FR2 HST Scheduling restriction on SSB | | | | | | | | | |
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| ***Source to WG:*** | Qualcomm Inc. | | | | | | | | | |
| ***Source to TSG:*** | R4 | | | | | | | | | |
|  |  | | | | | | | | | |
| ***Work item code:*** | NR\_HST\_FR2-Core | | | | |  | ***Date:*** | | | 08/10/2022 |
|  |  | | | |  | |  | | |  |
| ***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 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)* | |
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| ***Reason for change:*** | | We have the following agreement from RAN4#103e meeting WF (R4-2210608):  **Issue 2-1-1: Scheduling restriction on SSB**  **Agreement**:  FR2 HST requirement is applicable only when the two SSBs from adjacent RRHs are not on the adjacent symbols.  And the following agreement from RAN4#100e meeting WF (R4-2115335):  **Non-overlapping SSB location**   * RRM requirements specified in RAN4 will NOT consider SSB overlapping case.   This CR captures the above agreements. | | | | | | | | |
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| ***Summary of change:*** | | Capture WF agreement on scheduling restrictions on SSB | | | | | | | | |
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| ***Consequences if not approved:*** | | Spec is contradict to the previous agreement | | | | | | | | |
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| ***Clauses affected:*** | | 3.6.14 | | | | | | | | |
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|  | | **Y** | **N** |  | | | |  | | |
| ***Other specs*** | |  | **X** | Other core specifications | | | | TS/TR ... CR ... | | |
| ***affected:*** | | **X** |  | Test specifications | | | | TS38.533 | | |
| ***(show related CRs)*** | |  | **X** | O&M Specifications | | | | TS/TR ... CR ... | | |
|  | |  | | | | | | | | |
| ***Other comments:*** | |  | | | | | | | | |
|  | |  | | | | | | | | |
| ***This CR's revision history:*** | |  | | | | | | | | |

### 3.6.14 Applicability of requirements for FR2 Power Class 6

For Rel-17 FR2 power class 6 for the UE type of high speed train roof-mounted UE, UE shall only be in NR SA operation. Measurement and evaluation period requirements with highSpeedMeasFlagFR2-r17 configured in clause 4.2.2.3, 8.1.2.2, 8.5.2.2, 9.2.5, 9.2.6, 9.5.4, [9.8.4], delay requirements in clause 6.2.1.2.1, 8.10.3A, and UL timing adjustment in clause 7.1.2.3, are only applicable when any two SSBs from adjacent RRHs [21, clause B.3] are not on the same or consecutive symbols.