**3GPP TSG-RAN4 Meeting #102-e *R4-2206110***

**Online, , 21st Feb 2022 – 3rd Mar 2022**

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| *CR-Form-v12.1* |
| **CHANGE REQUEST** |
|  |
|  | **38.101-4** | **CR** |  | **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 |  | Core Network |  |

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|  |
| ***Title:***  | Draft CR on Applicability Rules for FR1 HST CA requirements |
|  |  |
| ***Source to WG:*** | Qualcomm Incorporated |
| ***Source to TSG:*** | R4 |
|  |  |
| ***Work item code:*** | NR\_HST\_FR1\_enh-Perf |  | ***Date:*** | 2022-02-28 |
|  |  |  |  |  |
| ***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-15 (Release 15)Rel-16 (Release 16)Rel-17 (Release 17)Rel-18 (Release 18)* |
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| ***Reason for change:*** | Applicability Rules for FR1 HST CA requirements are not defined. |
|  |  |
| ***Summary of change:*** | Applicability Rules for FR1 HST CA requirements are added assuming that HST-SFN CA requirements are defined in Clause 5.2A.x.4 and HST-DPS CA requirements are defined in Clause 5.2A.x.5. Applicability rules for HST-DPS Scheme 1b are not added since it’s CA requirement tests are not separately defined yet. |
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| ***Consequences if not approved:*** | FR1 HST CA Requirements will not be complete. |
|  |  |
| ***Clauses affected:*** | 5.1.1.7 |
|  |  |
|  | **Y** | **N** |  |  |
| ***Other specs*** |  | **X** |  Other core specifications  |  |
| ***affected:*** | **X** |  |  Test specifications | TS 38.521-4 |
| ***(show related CRs)*** |  | **X** |  O&M Specifications |  |
|  |  |
| ***Other comments:*** |  |
|  |  |
| ***This CR's revision history:*** |  |

<< Start of change 1 >>

#### 5.1.1.7.4 Applicability of different requirements for HST

The applicability rules for different HST requirements in section 5 are specified in Table 5.1.1.7.4-1.

Table 5.1.1.7.4-1: Applicability of requirements for HST

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| --- | --- | --- |
| If UE has passed | UE can skip | Applicability notes |
| Test type | Test list | Test type | Test list |  |
| FR1 2Rx | PDSCH | Clause 5.2A.2.4 (Test 1), and Clause 5.2A.2.5 (Test 3) | FR1 2Rx | PDSCH | Clause 5.2A.2.4 (Test 3), and Clause 5.2A.2.5 (Test 1) |  |
| FR1 2Rx | PDSCH | Clause 5.2A.2.4 (Test 2), and Clause 5.2A.2.5 (Test 3) | FR1 2Rx | PDSCH | Clause 5.2A.2.4 (Test 3), and Clause 5.2A.2.5 (Test 2) |  |
| FR1 4Rx | PDSCH | Clause 5.2A.3.4 (Test 1), and Clause 5.2A.3.5 (Test 3) | FR1 4Rx | PDSCH | Clause 5.2A.3.4 (Test 3), and Clause 5.2A.3.5 (Test 1), |  |
| FR1 4Rx | PDSCH | Clause 5.2A.3.4 (Test 2), and Clause 5.2A.3.5 (Test 3) | FR1 4Rx | PDSCH | Clause 5.2A.3.4 (Test 3), and Clause 5.2A.3.5 (Test 2), |  |
| FR1 2Rx | PDSCH | Clause 5.2A.2.5 (Test 1) | FR1 2Rx | PDSCH | Clause 5.2A.2.5 (Test 2)  |  |
| FR1 2Rx | PDSCH | Clause 5.2A.2.4 (Test 1) | FR1 2Rx | PDSCH | Clause 5.2A.2.4 (Test 2)  |  |
| FR1 4Rx | PDSCH | Clause 5.2A.3.5 (Test 1) | FR1 4Rx | PDSCH | Clause 5.2A.3.5 (Test 2)  |  |
| FR1 4Rx | PDSCH | Clause 5.2A.3.4 (Test 1) | FR1 4Rx | PDSCH | Clause 5.2A.3.4 (Test 2)  |  |
| FR1 2Rx | PDSCH | Clause 5.2A.2.4 (Test 1) | FR1 2Rx | PDSCH | Clause 5.2.2.1.9 (Test 1-1), Clause 5.2.2.2.1 (Test 1-11), Clause 5.2.2.2.9 (Test 1-1) |  |
| FR1 2Rx | PDSCH | Clause 5.2A.2.5 (Test 1) | FR1 2Rx | PDSCH | Clause 5.2.2.1.10 (Test 1-1), Clause 5.2.2.2.1 (Test 1-11), Clause 5.2.2.2.10 (Test 1-1) |  |
| FR1 2Rx | PDSCH | Clause 5.2A.2.4 (Test 2) | FR1 2Rx | PDSCH | Clause 5.2.2.1.9 (Test 1-1) |  |
| FR1 2Rx | PDSCH | Clause 5.2A.2.5 (Test 2) | FR1 2Rx | PDSCH | Clause 5.2.2.1.10 (Test 1-1) |  |
| FR1 2Rx | PDSCH | Clause 5.2A.2.4 (Test 3) | FR1 2Rx | PDSCH | Clause 5.2.2.2.1 (Test 1-11), Clause 5.2.2.2.9 (Test 1-1) |  |
| FR1 2Rx | PDSCH | Clause 5.2A.2.5 (Test 3) | FR1 2Rx | PDSCH | Clause 5.2.2.2.1 (Test 1-11), Clause 5.2.2.2.10 (Test 1-1) |  |
| FR1 4Rx | PDSCH | Clause 5.2A.3.4 (Test 1) | FR1 4Rx | PDSCH | Clause 5.2.3.1.9 (Test 1-1), Clause 5.2.3.2.1 (Test 1-11), Clause 5.2.3.2.9 (Test 1-1) |  |
| FR1 4Rx | PDSCH | Clause 5.2A.3.5 (Test 1) | FR1 4Rx | PDSCH | Clause 5.2.3.1.10 (Test 1-1), Clause 5.2.3.2.1 (Test 1-11), Clause 5.2.3.2.10 (Test 1-1) |  |
| FR1 4Rx | PDSCH | Clause 5.2A.3.4 (Test 2) | FR1 4Rx | PDSCH | Clause 5.2.3.1.9 (Test 1-1) |  |
| FR1 4Rx | PDSCH | Clause 5.2A.3.5 (Test 2) | FR1 4Rx | PDSCH | Clause 5.2.3.1.10 (Test 1-1) |  |
| FR1 4Rx | PDSCH | Clause 5.2A.3.4 (Test 3) | FR1 4Rx | PDSCH | Clause 5.2.3.2.1 (Test 1-11), Clause 5.2.3.2.9 (Test 1-1) |  |
| FR1 4Rx | PDSCH | Clause 5.2A.3.5 (Test 3) | FR1 4Rx | PDSCH | Clause 5.2.3.2.1 (Test 1-11), Clause 5.2.3.2.10 (Test 1-1) |  |

<< End of change 1 >>