**3GPP TSG-RAN4 Meeting # 101-e *R4-2120650***

**Electronic Meeting, 1st November 2021 - 12th November 2021**

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| *CR-Form-v12.1* | | | | | | | | |
| **CHANGE REQUEST** | | | | | | | | |
|  | | | | | | | | |
|  | **38.101-4** | **CR** | **0273** | **rev** | 1 | **Current version:** | **17.2.0** |  |
|  | | | | | | | | |
| *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:*** | CR: Applicability of FR2 demodulation requirements to n262 | | | | | | | | | |
|  |  | | | | | | | | | |
| ***Source to WG:*** | Ericsson | | | | | | | | | |
| ***Source to TSG:*** | R4 | | | | | | | | | |
|  |  | | | | | | | | | |
| ***Work item code:*** | NR\_47GHz\_band-Perf | | | | |  | ***Date:*** | | | 2021-11-10 |
|  |  | | | |  | |  | | |  |
| ***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-15 (Release 15) Rel-16 (Release 16) Rel-17 (Release 17) Rel-18 (Release 18)* | |
|  |  | | | | | | | | | |
| ***Reason for change:*** | | Additional margin for FR2 256QAM rank 1 test is FFS for the operating carrier frequency higher than 40GHz. | | | | | | | | |
|  | |  | | | | | | | | |
| ***Summary of change:*** | | Set the 1.5dB of additional margin for FR2 256QAM rank 1 for the operating carrier frequency higher than 40GHz. | | | | | | | | |
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| ***Consequences if not approved:*** | | Performance requirement definition for n262 is not complete. | | | | | | | | |
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| ***Clauses affected:*** | | 7.1.1.6 | | | | | | | | |
|  | |  | | | | | | | | |
|  | | **Y** | **N** |  | | | |  | | |
| ***Other specs*** | |  | **x** | Other core specifications | | | | TS/TR ... CR ... | | |
| ***affected:*** | | **x** |  | Test specifications | | | | TS 38.521-4 | | |
| ***(show related CRs)*** | |  | **x** | O&M Specifications | | | | TS/TR ... CR ... | | |
|  | |  | | | | | | | | |
| ***Other comments:*** | |  | | | | | | | | |
|  | |  | | | | | | | | |
| ***This CR's revision history:*** | | Revision of R4-2118686; set the marging as 1.5dB. Fixed the WI dode in the coversheet. | | | | | | | | |

----------------------------------------------------- Beginning of Change ------------------------------------------------------------

#### 7.1.1.6 Applicability of requirements for operating bands

The applicability rules for FR2 operating bands are specified in Table 7.1.1.6-1.

Table 7.1.1.6-1: Requirements applicability for operating bands

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| --- | --- | --- | --- |
| Test type | | Test list | Applicability notes |
| FR2 TDD | PDSCH | Clause 7.2.2.2.1 (Test 1-4) | The requirements are applicable for bands with FDL\_high higher than 40000 MHz and lower than 48200 MHz with additional margin as 1.5 dB. |
| FR2 TDD | PDSCH | Clause 7.2.2.2.1 (Test 2-6)  Clause 7.2.2.2.1 (Test 3-1) | The requirements are applicable for bands with FDL\_high higher than 40000 MHz and lower than 48200 MHz with additional margin as 0.5 dB. |

------------------------------------------------------------- End of change ------------------------------------------------------------