**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 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:*** | Additional margin for FR2 256QAM rank 1 test is FFS for the operating carrier frequency higher than 40GHz.  |
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| ***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. |
|  |  |
| ***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 ------------------------------------------------------------