**3GPP TSG-RAN4 Meeting #111 *R4-2409834***

**Fukuoka, Fukuoka City, Japan, May 19 - May 24, 2024**

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| *CR-Form-v12.3* | | | | | | | | |
| **CHANGE REQUEST** | | | | | | | | |
|  | | | | | | | | |
|  |  | **CR** | **0441** | **rev** |  | **Current version:** |  |  |
|  | | | | | | | | |
| *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:*** | (NR\_RF\_FR2\_req\_Ph3) Updates for FRCs and performance requirements for 256 QAM BS Demod for TS 38.141-2 | | | | | | | | | |
|  |  | | | | | | | | | |
| ***Source to WG:*** |  | | | | | | | | | |
| ***Source to TSG:*** | WG4 | | | | | | | | | |
|  |  | | | | | | | | | |
| ***Work item code:*** |  | | | | |  | ***Date:*** | | | 2024-05-20 |
|  |  | | | |  | |  | | |  |
| ***Category:*** | **B** |  | | | | | ***Release:*** | | | 18 |
|  | *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-17 (Release 17) Rel-18 (Release 18) Rel-19 (Release 19)  Rel-20 (Release 20)* | |
|  |  | | | | | | | | | |
| ***Reason for change:*** | | The FR2-1 PUSCH 256QAM demodulation requirements were discussed in previous RAN4 meeting. The requirements are agreed to be added. New FRC tables are introduced for TS38.104 and TS38.141-2. It is necssary to adding same FRC sections in TS38.141-1 for alignment.  The draft big CR R4-2405541 were endorsed. | | | | | | | | |
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| ***Summary of change:*** | | Following changes are added:  R4-2405541  Adding new FRC table sections for FR2 256QAM to get alignment with 38.104 and 38.141-2. | | | | | | | | |
|  | |  | | | | | | | | |
| ***Consequences if not approved:*** | | The FRC table sections are not aligned between specifications. | | | | | | | | |
|  | |  | | | | | | | | |
| ***Clauses affected:*** | | 8.2.1.5.2, A.9, A.12 | | | | | | | | |
|  | |  | | | | | | | | |
|  | | **Y** | **N** |  | | | |  | | |
| ***Other specs*** | | **X** |  | Other core specifications | | | | TS 38.104 | | |
| ***affected:*** | | **x** |  | Test specifications | | | | TS 38.141-2 | | |
| ***(show related CRs)*** | |  | **x** | O&M Specifications | | | | TS/TR ... CR ... | | |
|  | |  | | | | | | | | |
| ***Other comments:*** | |  | | | | | | | | |
|  | |  | | | | | | | | |
| ***This CR's revision history:*** | | Revision of R4-2408338 | | | | | | | | |

########################## Start of change #1 ############################

# A.12 Fixed Reference Channels for performance requirements (256QAM, R=682.5/1024)

Fixed Reference Channels for performance requirements (256QAM, R=682.5/1024) is not used in this specification.

########################## End of change #1 ############################