**3GPP TSG-RAN4 Meeting #116 *R4-251xxxx***

**Bangalore, India, 25th - 29th, August**

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| *CR-Form-v12.3* |
| **CHANGE REQUEST** |
|  |
|  | **38.133** | **CR** | **5952** | **rev** | **1** | **Current version:** | 17.18.1 |  |
|  |
| *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:***  | Modification on NR frequency band groups for satellite access in FR1 |
|  |  |
| ***Source to WG:*** | ZTE Corporation, Sanechips |
| ***Source to TSG:*** | R4 |
|  |  |
| ***Work item code:*** | NR\_NTN\_solutions-Core |  | ***Date:*** | 2025-08-28 |
|  |  |  |  |  |
| ***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-17 (Release 17)Rel-18 (Release 18)Rel-19 (Release 19) Rel-20 (Release 20)* |
|  |  |
| ***Reason for change:*** | Band n256 shall be in group B. |
|  |  |
| ***Summary of change:*** | Move n256 to group B. |
|  |  |
| ***Consequences if not approved:*** | The bands in FR1 NTN will not follow the band group principle define in TS 38.133 clause 3. |
|  |  |
| ***Clauses affected:*** | 3.5.2A |
|  |  |
|  | **Y** | **N** |  |  |
| ***Other specs*** | **X** |  |  Other core specifications  | TS 38.101-5  |
| ***affected:*** |  |  |  Test specifications | TS/TR ... CR ...  |
| ***(show related CRs)*** |  |  |  O&M Specifications | TS/TR ... CR ...  |
|  |  |
| ***Other comments:*** |  |
|  |  |
| ***This CR's revision history:*** |  |

### 3.5.2A NR operating bands for satellite access in FR1

NR frequency bands grouping for satellite access in FR1 is specified in Table 3.5.2A-1.

Table 3.5.2A-1: NR frequency band groups for satellite access in FR1

|  |  |
| --- | --- |
| Group | NR FDD |
|  | Band group notation | Operating bands |
| A | NR\_FDD\_SAB\_FR1\_A | n255 |
| B | NR\_FDD\_SAB\_FR1\_B | n256 |
| C | NR\_FDD\_SAB\_FR1\_C |  |
| D | NR\_FDD\_SAB\_FR1\_D |  |
| E | NR\_FDD\_SAB\_FR1\_E |  |
| F | NR\_FDD\_SAB\_FR1\_F |  |
| G | NR\_FDD\_SAB\_FR1\_G |  |
| H | NR\_FDD\_SAB\_FR1\_H |  |
| I | NR\_FDD\_SAB\_FR1\_I |  |
| J | NR\_FDD\_SAB\_FR1\_J |  |