**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 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:*** | | 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 |  |