**3GPP TSG-RAN4 Meeting #116 *R4-2511xxxx***

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

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| *CR-Form-v12.3* |
| **CHANGE REQUEST** |
|  |
|  | **36.133** | **CR** | **7392** | **rev** | **1** | **Current version:** | 19.1.0 |  |
|  |
| *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:***  | Modification on IoT NTN band groups for satellite access  |
|  |  |
| ***Source to WG:*** | ZTE Corporation, Sanechips |
| ***Source to TSG:*** | R4 |
|  |  |
| ***Work item code:*** | IoT\_NTN\_Ph3-Core |  | ***Date:*** | 2025-08-14 |
|  |  |  |  |  |
| ***Category:*** | **F** |  | ***Release:*** | Rel-19 |
|  | *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 252 shall be added for satellite access. |
|  |  |
| ***Summary of change:*** | Add band 252 for satellite access. |
|  |  |
| ***Consequences if not approved:*** | The band 252 in band group will be absent. |
|  |  |
| ***Clauses affected:*** | 3.5.1A |
|  |  |
|  | **Y** | **N** |  |  |
| ***Other specs*** | **X** |  |  Other core specifications  | TS 36.102  |
| ***affected:*** |  |  |  Test specifications | TS/TR ... CR ...  |
| ***(show related CRs)*** |  |  |  O&M Specifications | TS/TR ... CR ...  |
|  |  |
| ***Other comments:*** |  |
|  |  |
| ***This CR's revision history:*** |  |

### 3.5.1A Groups of bands for satellite access

The grouping of bands for satellite access for NB-IOT is specified in Table 3.5.1A-1.

Table 3.5.1A-1: Band groups for NB-IoT for satellite access

|  |  |
| --- | --- |
| Group | E-UTRA FDD |
|  | Band group notation | Operating bands |
| A | NFDD\_SAB\_A |  |
| B | NFDD\_SAB\_B |  |
| C | NFDD\_SAB\_C |  |
| D | NFDD\_SAB\_D |  |
| E | NFDD\_SAB\_E |  |
| F | NFDD\_SAB\_F |  |
| G | NFDD\_SAB\_G | 253, 254, 255, 256, 252 |
| H | NFDD\_SAB\_H |  |
| I | NFDD\_SAB\_I |  |
| J | NFDD\_SAB\_J |  |
| K | NFDD\_SAB\_K |  |
| L | NFDD\_SAB\_L |  |
| M | NFDD\_SAB\_M |  |
| N | NFDD\_SAB\_N |  |

The grouping of bands for satellite access for category M1 is specified in Table 3.5.1A-2.

Table 3.5.1A-2: Band groups for category M1 for satellite access

|  |  |
| --- | --- |
| Group | E-UTRA FDD |
|  | Band group notation | Operating bands |
| A | FDD-M1\_SAB\_A | 253, 255 |
| B | FDD-M1\_SAB\_B | 254, 256, 252 |
| C | FDD-M1\_SAB\_C |  |
| D | FDD-M1\_SAB\_D |  |
| E | FDD-M1\_SAB\_E |  |
| F | FDD-M1\_SAB\_F |  |
| G | FDD-M1\_SAB\_G |  |
| H | FDD-M1\_SAB\_H |  |
| I | FDD-M1\_SAB\_I |  |
| J | FDD-M1\_SAB\_J |  |
| K | FDD-M1\_SAB\_K |  |
| L | FDD-M1\_SAB\_L |  |
| M | FDD-M1\_SAB\_M |  |
| N | FDD-M1\_SAB\_N |  |