**3GPP TSG- Meeting #**

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| *CR-Form-v12.3* |
| **CHANGE REQUEST** |
|  |
|  |  | **CR** | **DraftCR** | **rev** | **1** | **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:***  |  |
|  |  |
| ***Source to WG:*** |  |
| ***Source to TSG:*** | R4 |
|  |  |
| ***Work item code:*** |  |  | ***Date:*** |  |
|  |  |  |  |  |
| ***Category:*** |  |  | ***Release:*** |  |
|  | *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:*** | The LS from RAN1(R1-2407406) shows that the "NOTE 2: NTN bands within this frequency range are regarded as a FR2 band when references from other specifications" in Table 5.1-1 of TS 38.108 is not required for RAN1 specifications, but it is required for RAN2 specifications |
|  |  |
| ***Summary of change:*** | 1. Change “FR2 band” to “FR2-1 band”
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|  |  |
| ***Consequences if not approved:*** | The FR2-NTN would be unclear for other specifications. |
|  |  |
| ***Clauses affected:*** | 5.1 |
|  |  |
|  | **Y** | **N** |  |  |
| ***Other specs*** |  | **X** |  Other core specifications  | TS/TR ... CR ...  |
| ***affected:*** |  | **X** |  Test specifications | TS/TR ... CR ...  |
| ***(show related CRs)*** |  | **X** |  O&M Specifications | TS/TR ... CR ...  |
|  |  |
| ***Other comments:*** |  |
|  |  |
| ***This CR's revision history:*** |  |

## **<Start of Change 1>**

# 5 Operating bands and channel arrangement

## 5.1 General

The channel arrangements presented in this clause are based on the *operating bands* and *SAN channel bandwidths* defined in the present release of specifications.

NOTE: Other *operating bands* and *SAN channel bandwidth*s may be considered in future releases.

Requirements throughout the RF specifications are in many cases defined separately for different frequency ranges (FR). The frequency ranges in which satellite can operate according to the present version of the specification are identified as described in table 5.1-1.

Table 5.1-1: Definition of NTN frequency ranges

|  |  |
| --- | --- |
| Frequency range designation | Corresponding frequency range (MHz) |
| FR1-NTN (NOTE 1) | 410 – 7125 |
| FR2-NTN (NOTE 2) | 17300 – 30000  |
| NOTE 1: NTN bands within this frequency range are regarded as a FR1 band when references from other specifications.NOTE 2: NTN bands within this frequency range are regarded as a FR2-1 band when references from other specifications unless otherwise stated. |

## **<End of Change 1>**