3GPP TSG-RAN WG4 Meeting #108 bis rev R4-2315951

**Xiamen, China, 9 -13 Oct., 2023**

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| *CR-Form-v12.2* | | | | | | | | |
| **CHANGE REQUEST** | | | | | | | | |
|  | | | | | | | | |
|  | **38.104** | **CR** |  | **rev** | **-** | **Current version:** | **18.2.0** |  |
|  | | | | | | | | |
| *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:*** | draft CR for TS 38.104 to add range of GSCN for n106 | | | | | | | | | |
|  |  | | | | | | | | | |
| ***Source to WG:*** | Huawei, Hisilicon | | | | | | | | | |
| ***Source to TSG:*** | R4 | | | | | | | | | |
|  |  | | | | | | | | | |
| ***Work item code:*** | NR\_900MHz\_US | | | | |  | ***Date:*** | | | 2023-09-26 |
|  |  | | | |  | |  | | |  |
| ***Category:*** | **B** |  | | | | | ***Release:*** | | | Rel-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-16 (Release 16) Rel-17 (Release 17) Rel-18 (Release 18) Rel-19 (Release 19)* | |
|  |  | | | | | | | | | |
| ***Reason for change:*** | | This draft CR includes the Range of GSCN of 3M NR based on the big CR R4-2311670 which was endorsed at the last meeting. Please note that the only change is to the Table 5.4.3.3-4 of the big CR. | | | | | | | | |
|  | |  | | | | | | | | |
| ***Summary of change:*** | | Add synchronization raster entries of n106 on the Table 5.4.3.3-4. | | | | | | | | |
|  | |  | | | | | | | | |
| ***Consequences if not approved:*** | | If not updated correctly, range of GSCN for n106 would be missing. | | | | | | | | |
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| ***Clauses affected:*** | | 5.4.3.3 | | | | | | | | |
|  | |  | | | | | | | | |
|  | | **Y** | **N** |  | | | |  | | |
| ***Other specs*** | |  | **X** | Other core specifications | | | | TS/TR ... CR ... | | |
| ***affected:*** | | **X** |  | Test specifications | | | | TS 38.141-1  TS 38.141-2 CR ... | | |
| ***(show related CRs)*** | |  | **X** | O&M Specifications | | | | TS/TR ... CR ... | | |
|  | |  | | | | | | | | |
| ***Other comments:*** | |  | | | | | | | | |
|  | |  | | | | | | | | |
| ***This CR's revision history:*** | |  | | | | | | | | |

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

#### 5.4.3.3 Synchronization raster entries for each operating band

**Table 5.4.3.3-4: Applicable SS raster entries per operating band (FR1) for 3 MHz channel bandwidth**

|  |  |  |  |
| --- | --- | --- | --- |
| **NR operating band** | **SS Block SCS** | **SS Block pattern (NOTE 1)** | **Range of GSCN**  **(First – <Step size> – Last)** |
| n26 | 15 kHz | Case A | 30937 – <1> – 31100 |
| n28 | 15 kHz | Case A | 30432 – <1> – 30644 |
| n85 | 15 kHz | Case A | 30282 – <1> – 30359 |
| n100 | 15 kHz | Case A | 31240 – <1> – 31242,  31244 – <1> – 31253,  416372 |
| n106 | 15 kHz | Case A | 31317 – <1> – 31329 |
| NOTE 1: SS Block pattern is defined in clause 4.1 in TS 38.213 [10].  NOTE 2: Only applicable for 12 PRB DCH transmission within 3 MHz channel with punctured PBCH defined in TS 38.211 [9] clause 7.4.3.1. | | | |

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