**3GPP TSG-RAN WG4 Meeting # 97-e R4-2016808**

**Electronic Meeting, 2-13 Nov., 2020**

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| *CR-Form-v12.1* |
| **CHANGE REQUEST** |
|  |
|  | **38.101-3** | **CR** | **0364** | **rev** | **1** | **Current version:** | **16.5.0** |  |
|  |
| *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:***  | CR for TS 38.101-3, Time mask for TDM operation between NR V2X and LTE V2X in ITS band |
|  |  |
| ***Source to WG:*** | CATT |
| ***Source to TSG:*** | R4 |
|  |  |
| ***Work item code:*** | 5G\_V2X\_NRSL-Core |  | ***Date:*** | 2020-10-10 |
|  |  |  |  |  |
| ***Category:*** | F |  | ***Release:*** | Rel-16 |
|  | *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-12 (Release 12)**Rel-13 (Release 13)Rel-14 (Release 14)Rel-15 (Release 15)Rel-16 (Release 16)* |
|  |  |
| ***Reason for change:*** | V2X\_47-n47 is operated with TDM mode and should not be considered as con-current operation. |
|  |  |
| ***Summary of change:*** | Fine-tune the description of V2X\_47-n47 in clause 5.2E. |
|  |  |
| ***Consequences if not approved:*** | V2X\_47-n47 would be considered as con-current operation. |
|  |  |
| ***Clauses affected:*** | 5.2E |
|  |  |
|  | **Y** | **N** |  |  |
| ***Other specs*** |  | **X** |  Other core specifications  | TS/TR ... CR ...  |
| ***affected:*** | **X** |  |  Test specifications | TS 38.521-3 |
| ***(show related CRs)*** |  | **X** |  O&M Specifications | TS/TR ... CR ...  |
|  |  |
| ***Other comments:*** |  |
|  |  |
| ***This CR's revision history:*** | Revison of R4-2014415 |

*<Start of Change 1>*

## 5.2E Operating bands for V2X

### 5.2E.1 Intra-band V2X bands

NR V2X operation is designed to operate with E-UTRA sidelink in TDM mode on the operating bands combinations listed in Table 5.2E.1-1.

Table 5.2E.1-1: Intra-band V2X operating bands

|  |  |  |
| --- | --- | --- |
| E-UTRA V2X-NR V2X Band Combination | E-UTRA or NR Band | Interface |
| V2X\_47-n471 | 47 | PC5 |
| n47 | PC5 |
| NOTE 1: Only single switched SL is supported. |

### 5.2E.2 Inter-band V2X bands

NR V2X operation is designed to operate concurrent with E-UTRA uplink/downlink on the operating bands combinations listed in Table 5.2E.2-1.

Table 5.2E.2-1: Inter-band con-current V2X operating bands

|  |  |  |
| --- | --- | --- |
| E-UTRA-NR V2X Band Combination | E-UTRA or NR Band | Interface |
| V2X\_20-n38 | 20 | Uu |
| n38 | PC5 |
| V2X\_ n71-47 | 47 | PC5 |
| n71 | Uu |
| V2X\_n71-(n) 471 | 47 | PC5 |
| n47 | PC5 |
| n71 | Uu |
| NOTE 1: Only single switched SL in ITS band is supported. |

*<End of Change 1>*