**3GPP TSG- Meeting #**

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| *CR-Form-v12.1* |
| **CHANGE REQUEST** |
|  |
|  |  | **CR** |  | **rev** |  | **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 | **X** | Radio Access Network | **X** | Core Network |  |

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|  |
| ***Title:***  | Update on V2X UE capability |
|  |  |
| ***Source to WG:*** | OPPO |
| ***Source to TSG:*** | RAN2 |
|  |  |
| ***Work item code:*** | 5G\_V2X\_NRSL-Core |  | ***Date:*** | 2020-10-08 |
|  |  |  |  |  |
| ***Category:*** | **B** |  | ***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-15 (Release 15)Rel-16 (Release 16)Rel-17 (Release 17)Rel-18 (Release 18)* |
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| ***Reason for change:*** |  |
|  |  |
| ***Summary of change:*** |  |
|  |  |
| ***Consequences if not approved:*** |  |
|  |  |
| ***Clauses affected:*** |  |
|  |  |
|  | **Y** | **N** |  |  |
| ***Other specs*** |  |  |  Other core specifications  | TS/TR ... CR ...  |
| ***affected:*** |  |  |  Test specifications | TS/TR ... CR ...  |
| ***(show related CRs)*** |  |  |  O&M Specifications | TS/TR ... CR ...  |
|  |  |
| ***Other comments:*** |  |
|  |  |
| ***This CR's revision history:*** |  |

*Change Start*

#### 4.3.5.X *v2x-SupportedTxBandCombListPerBC-v16xy, v2x-SupportedRxBandCombListPerBC-v16xy*

This field indicates, for a particular band combination of EUTRA, the supported band combination list among *v2x-SupportedBandCombinationListNR* on which the UE supports simultaneous transmission or reception of EUTRA and V2X sidelink communication respectively.

*Next Change*

#### 4.3.21.X *tx-Sidelink-r16, rx-Sidelink-r16*

This parameter indicates whether the UE supports sidelink transmission/reception on the band in the band combination. For NR sidelink transmission, this field is only applicable if the UE supports at least one of sl-TransmissionMode1-r16 and sl-TransmissionMode2-r16 on the band as specified in TS 38.331 [82]. For NR sidelink reception, this field is only applicable if the UE supports sl-Reception-r16 on the band as specified in TS 38.331 [82].

*End of Change*