**3GPP TSG-** **RAN WG1 Meeting #118 *R1-240xxxx***

**Maastricht, Netherlands, August 19 - 23, 2024**

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| *CR-Form-v12.3* | | | | | | | | |
| **CHANGE REQUEST** | | | | | | | | |
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|  | **38.214** | **CR** |  | **rev** |  | **Current version:** | **18.3.0** |  |
|  | | | | | | | | |
| *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 | **X** | Core Network |  |

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| ***Title:*** | Correction on the determination of sidelink symbol for SL-U | | | | | | | | | |
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| ***Source to WG:*** | Moderator (Huawei), CATT, CICTCI | | | | | | | | | |
| ***Source to TSG:*** | R1 | | | | | | | | | |
|  |  | | | | | | | | | |
| ***Work item code:*** | NR\_SL\_enh2-Core | | | | |  | ***Date:*** | | | 2024-08-21 |
|  |  | | | |  | |  | | |  |
| ***Category:*** | **F** |  | | | | | ***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-17 (Release 17) Rel-18 (Release 18) Rel-19 (Release 19)  Rel-20 (Release 20)* | |
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| ***Reason for change:*** | | For the sidelink symbol determination in SL-U, if two candidate starting symbols for PSCCH/PSSCH transmission are supported, the sidelink symbols should be determined by higher layer parameter *sl-StartingSymbolFirst* rather than *sl-StartSymbol.* | | | | | | | | |
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| ***Summary of change:*** | | In clause 8.1.2.1, clarify that the sidelink symbols are determined by higher layer parameter *sl-StartingSymbolFirst* and *sl-LengthSymbols* if *sl-StartingSymbolFirst* and *sl-StartingSymbolSecond* are provided. | | | | | | | | |
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| ***Consequences if not approved:*** | | Determination of the sidelink symbols is inaccurate when two candidate starting symbols are supported. | | | | | | | | |
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| ***Clauses affected:*** | | 8.1.2.1 | | | | | | | | |
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|  | | **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:*** | |  | | | | | | | | |

**8.1.2.1 Resource allocation in time domain**

The UE shall transmit the PSSCH in the same slot as the associated PSCCH.

The minimum resource allocation unit in the time domain is a slot.

The UE shall transmit the PSSCH in consecutive symbols within the slot, subject to the following restrictions:

- The UE shall not transmit PSSCH in symbols which are not configured for sidelink. A symbol is configured for sidelink, according to higher layer parameters *sl-StartSymbol* and *sl-LengthSymbols*, where *sl-StartSymbol* is the symbol index of the first symbol of *sl-LengthSymbols* consecutive symbols configured for sidelink, except when *sl-StartingSymbolFirst* and *sl-StartingSymbolSecond* are provided for a SL-BWP. If *sl-StartingSymbolFirst* and *sl-StartingSymbolSecond* are provided for the SL-BWP, a symbol is configured for sidelink, according to higher layer parameters *sl-StartingSymbolFirst* and *sl-LengthSymbols*, where *sl-StartingSymbolFirst* is the symbol index of the first symbol of *sl-LengthSymbols* consecutive symbols configured for sidelink.

- Within the slot, PSSCH resource allocation starts at symbol *sl-StartSymbol+1,* except when *sl-StartingSymbolFirst* and *sl-StartingSymbolSecond* are provided for a SL-BWP*.* If *sl-StartingSymbolFirst* and *sl-StartingSymbolSecond* are provided for the SL-BWP, there are 2 candidate starting symbols, given by *sl-StartingSymbolFirst* and *sl-StartingSymbolSecond* respectively, for PSSCH transmission for slots without PSFCH symbols; and there is one starting symbol, given by *sl-StartingSymbolFirst,* for PSSCH transmission for slots with PSFCH symbols. PSSCH resource allocation starts at the next symbol after each candidate starting symbol. In a slot, the UE may use the second candidate starting symbol, provided by *sl-StartingSymbolSecond*, only if it fails to access the channel prior to the first candidate starting symbol provided by *sl-StartingSymbolFirst.*

**<<< UNCHANGED PARTS OMITTED >>>**