**3GPP TSG RAN WG1 #110bis-e R1-2210xxx**

**Electronic Meeting, October 10th – 19th, 2022**

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| *CR-Form-v12.1* |
| **[DRAFT] CHANGE REQUEST** |
|  |
|  | **38.214** | **CR** | **xxxx** | **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:  | Correction on the selection of Y and Y’ candidate slots in sidelink partial sensing |
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| ***Source to WG:*** | Moderator (OPPO) |
| ***Source to TSG:*** | RAN WG1 |
|  |  |
| ***Work item code:*** | NR\_SL\_enh-Core |  | ***Date:*** | 2022-10-13 |
|  |  |  |  |  |
| ***Category:*** | F |  | ***Release:*** | Rel-17 |
|  | *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:*** | According to agreements in RAN1#106-e and RAN1#107-e, the determination of *Y* candidate slots within the resource selection window should be according to PBPS and CPS for periodic transmission, rather than only periodic-based partial sensing. Similarly, the determination of *Y’* candidate slots within the resource selection window should be according to at least CPS for aperiodic transmission, rather than only contiguous partial sensing for aperiodic transmission. |
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| ***Summary of change:*** | Replace “for UE performing periodic-based partial sensing” with “for UE performing periodic-based partial sensing together with contiguous partial sensing and resource (re)selection triggered by periodic transmission ()” for the selection of *Y* candidate slots.Replace “for UE performing contiguous partial sensing if ” with “for UE performing at least contiguous partial sensing and resource (re)selection triggered by aperiodic transmission ()” for the selection of *Y’* candidate slots. |
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| ***Consequences if not approved:*** | The selections of Y and Y’ candidate slots in partial sensing are not aligned with the agreements and remained incorrect. |
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| ***Clauses affected:*** | 8.1.4 |
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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 ...  |
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| ***Other comments:*** |  |
|  |  |
| ***This CR's revision history:*** |  |

**<Unchanged parts omitted>**

### 8.1.4 UE procedure for determining the subset of resources to be reported to higher layers in PSSCH resource selection in sidelink resource allocation mode 2

**<Unchanged parts omitted>**

1) A candidate single-slot resource for transmission is defined as a set of contiguous sub-channels with sub-channel *x+j* in slot where . The UE shall assume that any set of contiguous sub-channels included in the corresponding resource pool within the time interval correspond to one candidate single-slot resource for UE performing full sensing, in a set of *Y* candidate slots within the time interval correspond to one candidate single-slot resource for UE performing periodic-based partial sensing together with contiguous partial sensing and resource (re)selection triggered by periodic transmission (), or in a set of *Y'* candidate slots within the time interval correspond to one candidate single-slot resource for UE performing at least contiguous partial sensing and resource (re)selection triggered by aperiodic transmission (), where

- selection of is up to UE implementation under , where is defined in slots in Table 8.1.4-2 where is the SCS configuration of the SL BWP;

- if is shorter than the remaining packet delay budget (in slots) then is up to UE implementation subject to remaining packet delay budget (in slots); otherwise is set to the remaining packet delay budget (in slots).

- is selected by UE where .

- is selected by UE where . When the UE performs at least contiguous partial sensing and if , the UE selects a set of candidate slots with corresponding PBPS and/or CPS results (if available). If the number of candidate single-slot resources is smaller than , it is up to UE implementation to include other candidate slots.

The total number of candidate single-slot resources is denoted by .

**<Unchanged parts omitted>**