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

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

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| *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)*.* | | | | | | | | |
|  | | | | | | | | |

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| ***Proposed change affects:*** | UICC apps |  | ME | **X** | Radio Access Network | **X** | Core Network |  |

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | | | | | | | | | | |
| Title: | Correction on the selection of Y and Y’ candidate slots in sidelink partial sensing | | | | | | | | | |
|  |  | | | | | | | | | |
| ***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 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-15 (Release 15) Rel-16 (Release 16) Rel-17 (Release 17) Rel-18 (Release 18)* | |
|  |  | | | | | | | | | |
| ***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. | | | | | | | | |
|  | |  | | | | | | | | |
| ***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. | | | | | | | | |
|  | |  | | | | | | | | |
| ***Consequences if not approved:*** | | The selections of Y and Y’ candidate slots in partial sensing are not aligned with the agreements and remained incorrect. | | | | | | | | |
|  | |  | | | | | | | | |
| ***Clauses affected:*** | | 8.1.4 | | | | | | | | |
|  | |  | | | | | | | | |
|  | | **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:*** | |  | | | | | | | | |

**<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>**