**3GPP TSG-RAN WG1 Meeting #110bis-e *R1-221xxxx***

e-Meeting, October 10th – 19th, 2022

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| *CR-Form-v12.1* | | | | | | | | |
| **[DRAFT] CHANGE REQUEST** | | | | | | | | |
|  | | | | | | | | |
|  | **38.214** | **CR** | **DRAFT** | **rev** | **-** | **Current version:** | **17.3.0** |  |
|  | | | | | | | | |
| *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:*** | Corrections on a minimum guard period between two SRS resources for antenna switching | | | | | | | | | |
|  |  | | | | | | | | | |
| ***Source to WG:*** | Moderator (InterDigital, Inc.), Fujitsu, Ericsson, Huawei, HiSilicon, NTT DOCOMO, INC. | | | | | | | | | |
| ***Source to TSG:*** | R1 | | | | | | | | | |
|  |  | | | | | | | | | |
| ***Work item code:*** | NR\_ext\_to\_71GHz-Core | | | | |  | ***Date:*** | | | 2022-10-10 |
|  |  | | | |  | |  | | |  |
| ***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:*** | | Support SRS antenna switching for SCS 480kHz and 960kHz | | | | | | | | |
|  | |  | | | | | | | | |
| ***Summary of change:*** | | Add values of Y for minimum guard period between two SRS resources of an SRS resource set for antenna switching for μ=5 and 6 | | | | | | | | |
|  | |  | | | | | | | | |
| ***Consequences if not approved:*** | | SRS antenna switching is not supported for SCS 480kHz and 960kHz | | | | | | | | |
|  | |  | | | | | | | | |
| ***Clauses affected:*** | | 6.2.1.2 | | | | | | | | |
|  | |  | | | | | | | | |
|  | | **Y** | **N** |  | | | |  | | |
| ***Other specs*** | |  | **X** | Other core specifications | | | |  | | |
| ***affected:*** | |  | **X** | Test specifications | | | | TS/TR ... CR ... | | |
| ***(show related CRs)*** | |  | **X** | O&M Specifications | | | | TS/TR ... CR ... | | |
|  | |  | | | | | | | | |
| ***Other comments:*** | |  | | | | | | | | |
|  | |  | | | | | | | | |
| ***This CR's revision history:*** | |  | | | | | | | | |

6.2.1.2 UE sounding procedure for DL CSI acquisition

\*\*\* Unchanged text omitted \*\*\*

For 1T2R, 1T4R or 2T4R, or 1T6R or 1T8R, 2T6R, 2T8R, 4T8R, the UE shall not expect to be configured or triggered with more than one SRS resource set with higher layer parameter *usage* set as 'antennaSwitching' in the same slot. For 1T=1R, 2T=2R or 4T=4R, the UE shall not expect to be configured or triggered with more than one SRS resource set with higher layer parameter *usage* set as 'antennaSwitching' in the same symbol.

The value of *Y* is defined by Table 6.2.1.2-1.

**Table 6.2.1.2-1: The minimum guard period between two SRS resources of an SRS resource set for antenna switching**

|  |  |  |
| --- | --- | --- |
|  |  | *Y* [symbol] |
| 0 | 15 | 1 |
| 1 | 30 | 1 |
| 2 | 60 | 1 |
| 3 | 120 | 2 |
| 5 | 480 | 7 |
| 6 | 960 | 14 |