**3GPP TSG-RAN WG1 Meeting #118** ***R1-24xxxxx***

**Maastricht, Netherlands, August 19th – 23rd, 2024**

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| *CR-Form-v12.3* | | | | | | | | |
| **Draft CHANGE REQUEST** | | | | | | | | |
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|  | **38.211** | **CR** |  | **rev** |  | **Current version:** | **18.3.0** |  |
|  | | | | | | | | |
| *For* [***HELP***](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:*** | Editorial corrections to TS 38.211 for Rel-18 Positioning | | | | | | | | | |
|  |  | | | | | | | | | |
| ***Source to WG:*** | Moderator (Intel Corporation) | | | | | | | | | |
| ***Source to TSG:*** |  | | | | | | | | | |
|  |  | | | | | | | | | |
| ***Work item code:*** | NR\_pos\_enh2-Core | | | | |  | ***Date:*** | | | 2024-08-20 |
|  |  | | | |  | |  | | |  |
| ***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)* | |
|  |  | | | | | | | | | |
| ***Reason for change:*** | | Clause 6.4.1.4.4:  In clauses 6.4.1.4.2 and 6.4.1.4.3, SRS frequency hopping is represented as numberOfHops for SRS-PosResource as follows, but the related higher-layer parameter in clause 6.4.1.4.4 is not consistent with clauses 6.4.1.4.2, 6.4.1.4.3, and TS 38.331.   |  | | --- | | 6.4.1.4.2 Sequence generation The sounding reference signal sequence for an SRS resource, or if *numberOfHops* for *SRS-PosResource* is provided, for a given hop within an SRS resource, shall be generated according to | | | | | | | | | |
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| ***Summary of change:*** | | Clause 6.4.1.4.4: Correction to align parameter names for SRS with tx hopping as follows:   * *Update the higher layer parameter SRShoppingNrofHops in section 6.4.1.4.4 as numberOfHops* | | | | | | | | |
| ***Consequences if not approved:*** | | Specification is incomplete or incorrect. | | | | | | | | |
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| ***Clauses affected:*** | | 6.4.1.4.4 | | | | | | | | |
|  | |  | | | | | | | | |
|  | | **Y** | **N** |  | | | |  | | |
| ***Other specs*** | |  | **X** | Other core specifications | | | |  | | |
| ***affected:*** | |  | **X** | Test specifications | | | |  | | |
| ***(show related CRs)*** | |  | **X** | O&M Specifications | | | |  | | |
|  | |  | | | | | | | | |
| ***Other comments:*** | |  | | | | | | | | |
|  | |  | | | | | | | | |
| ***This CR's revision history:*** | |  | | | | | | | | |

##### 6.4.1.4.4 Sounding reference signal slot configuration

Throughout this clause, when the higher layer parameter *numberOfHops* is provided for *SRS-PosResource*, the sounding reference signal slot configuration applies to a given hop.

For an SRS resource configured as periodic or semi-persistent by the higher-layer parameter *resourceType*, a periodicity  (in slots) and slot offset  are configured according to the higher-layer parameter *periodicityAndOffset-p* or *periodicityAndOffset-sp* in the *SRS-Resource* IE, or *periodicityAndOffset-p* or *periodicityAndOffset-sp* in the *SRS-PosResource* IE. Candidate slots in which the configured SRS resource may be used for SRS transmission are the slots satisfying

and, if the higher-layer parameter *srs-PosHyperSFN-Index* is configured for a periodicity larger than or equal to slots, also

where is given by the higher-layer parameter *srs-PosHyperSFN-Index* and is the hyper-frame number.

SRS is transmitted as described in clause 6.2.1 of [6, TS 38.214].

**<Unchanged text omitted>**