**3GPP TSG-RAN WG1 Meeting #104b-e *draft R1-*** ***2104049***

**e-Meeting, April 12th – 20th, 2021**

|  |
| --- |
|  |
| **CHANGE REQUEST** |
|  |
|  | **38.213** | **CR** | **0218** | **rev** |  | **Current version:** | **16.5.0** |  |
|  |
| *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)*.* |
|  |

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

|  |
| --- |
|  |
| ***Title:***  | CR on the number of pathloss estimates maintained by the UE for SRS for positioning. |
|  |  |
| ***Source to WG:*** | Moderator (Ericsson), CATT |
| ***Source to TSG:*** |  |
|  |  |
| ***Work item code:*** | NR\_pos-Core |  | ***Date:*** | 2021-04-19 |
|  |  |  |  |  |
| ***Category:*** | F |  | ***Release:*** | Rel-16 |
|  | *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-12 (Release 12)**Rel-13 (Release 13)Rel-14 (Release 14)Rel-15 (Release 15)Rel-16 (Release 16)* |
|  |  |
| ***Reason for change:*** | For the power control of SRS for positioning (configured by *SRS-PosResourceSet*), the UE may indicates a capability for the number of pathloss the UE can maintain, in addition to the ones supported for the SRS configured by *SRS-resource*. The specification suggests that the UE is obligated to indicate the capability, which is not correct.  |
|  |  |
| ***Summary of change:*** | the correction clarifies the UE *may* indicate the capability for a number of pathloss estimates that the UE can maintain for SRS for positioning.  |
|  |  |
| ***Consequences if not approved:*** | UE behaviour for the positioning SRS for the maintenance of path loss for power control is not described as an optional capability which is incorrect.  |
|  |  |
| ***Clauses affected:*** | 7.3.1 |
|  |  |
|  | **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 texts omitted ----

### 7.3.1 UE behaviour

---- Unchanged texts omitted ----

The UE may indicate a capability for a number of pathloss estimates that the UE can simultaneously maintain for all SRS resource sets provided by *SRS-PosResourceSet* in addition to the up to four pathloss estimates that the UE maintains per serving cell for PUSCH/PUCCH transmissions and for SRS transmissions configured by *SRS-Resource*.

---- Unchanged texts omitted ----