**3GPP TSG RAN WG1 #110R1-22xxxxx**

**Toulouse, France, August 22th - 26th, 2022**

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| *CR-Form-v12.2* |
| **DRAFT CHANGE REQUEST** |
|  |
|  | **38.214** | **CR** | **CR#** | **rev** | **-** | **Current version:** | **16.10.0** |  |
|  |
| *For* ***[HE](http://www.3gpp.org/3G_Specs/CRs.htm%22%20%5Cl%20%22_blank)******[LP](http://www.3gpp.org/3G_Specs/CRs.htm%22%20%5Cl%20%22_blank)*** *on using this form: comprehensive instructions can be found at <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 parallel transmission of MsgA and other channels in TS 38.214 |
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| ***Source to WG:*** | Moderator(ZTE) |
| ***Source to TSG:*** | R1 |
|  |  |
| ***Work item code:*** | NR\_2step\_RACH-Core  |  | ***Date:*** | 2022-08-24 |
|  |  |  |  |  |
| ***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-16 (Release 16)Rel-17 (Release 17)Rel-18 (Release 18)Rel-19 (Release 19)* |
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| ***Reason for change:*** | In Rel-15, UE capabilities corresponding to parallel transmission of SRS and other channels, PRACH and other channels have been specified in TS38.306, meanwhile, UE’s behavior of parallel transmission is introduced in clause 6.2.1 in TS 38.214. In Rel-16, a new UE capability, i.e. *parallelTxMsgA-SRS-PUCCH-PUSCH-r16*, has been introduced in TS38.306 in 2-step RACH WI, however, the UE’s behavior corresponding to the Rel-16 UE capability of parallel transmission of MsgA and other channels hasn’t been mentioned in TS 38.214. |
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| ***Summary of change:*** | “simultaneous SRS and PRACH transmissions” is replaced by “simultaneous SRS and PRACH/MsgA PUSCH transmissions” |
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| ***Consequences if not approved:*** | UE’s behavior is not clear for parallel transmission of MsgA and other channels. |
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| ***Clauses affected:*** | 6.2.1 |
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|  | **Y** | **N** |  |  |
| ***Other specs*** |  | **X** |  Other core specifications  |  |
| ***affected:*** |  | **X** |  Test specifications |  |
| ***(show related CRs)*** |  | **X** |  O&M Specifications |  |
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| ***Other comments:*** |  |
|  |  |
| ***This CR's revision history:*** |  |

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### 6.2.1 UE sounding procedure

**<Unchanged parts are omitted>**

In case of intra-band carrier aggregation or in inter-band CA band combination if simultaneous SRS and PUCCH/PUSCH transmissions are not supported by UE, the UE is not expected to be indicated with a SRS transmission from a carrier and to be configured or scheduled with a PUSCH/UL DM-RS/UL PT-RS/PUCCH transmission from a different carrier in the same symbol.

In case of intra-band carrier aggregation or in inter-band CA band combination if simultaneous SRS and PRACH/MsgA PUSCH transmissions are not supported by UE, the UE shall not transmit simultaneously SRS resource(s) from a carrier and PRACH/MsgA PUSCH from a different carrier.

**<Unchanged parts are omitted>**