**3GPP TSG-RAN WG1 Meeting #105-e *R1-210xxxx***

**e-Meeting, May 10th – 27th, 2021**

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| *CR-Form-v12.1* | | | | | | | | |
| **CHANGE REQUEST** | | | | | | | | |
|  | | | | | | | | |
|  | **38.213** | **CR** | **DRAFT** | **rev** | **-** | **Current version:** | **15.13.0** |  |
|  | | | | | | | | |
| *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:*** | Correction on UL cancellation due to DCI format 2\_0 | | | | | | | | | |
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| ***Source to WG:*** | Moderator (Apple Inc.), Qualcomm | | | | | | | | | |
| ***Source to TSG:*** |  | | | | | | | | | |
|  |  | | | | | | | | | |
| ***Work item code:*** | NR\_newRAT-Core | | | | |  | ***Date:*** | | | 2021-05-07 |
|  |  | | | |  | |  | | |  |
| ***Category:*** | F |  | | | | | ***Release:*** | | | Rel-15 |
|  | *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:*** | | It was agreed in RAN1#103-e that partial cancellation of uplink configured PUCCH/PUSCH/PRACH transmissions due to collision with dynamic PDSCH/CSI-RS or SFI is not supported in Rel. 15.  In RAN1#105-e, it was further agreed to clarify that partial cancelation of configured PUCCH/PUSCH/PRACH due to dynamic SFI being configured but not detected is not supported in Rel-15. | | | | | | | | |
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| ***Summary of change:*** | | Clearly capture that partial cancelation of configured PUCCH/PUSCH/PRACH due to dynamic SFI being configured but not detected is not supported in Rel-15. | | | | | | | | |
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| ***Consequences if not approved:*** | | Incorrect UE behavior | | | | | | | | |
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| ***Clauses affected:*** | | 11.1.1 | | | | | | | | |
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|  | | **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:*** | | **Isolated impact analysis:**  This CR has isolated impact on the handling of UL cancellation due to DCI format 2\_0.  If the gNB implements the CR but the UE does not, there is no issue.  If the UE implements the CR but the gNB does not, the gNB may not understand the UE behavior. | | | | | | | | |
|  | |  | | | | | | | | |
| ***This CR's revision history:*** | |  | | | | | | | | |

11.1.1 UE procedure for determining slot format

<unchanged part is omitted>

For a set of symbols of a slot that are indicated as flexible by *tdd-UL-DL-ConfigurationCommon*, and *tdd-UL-DL-ConfigurationDedicated* if provided, or when *tdd-UL-DL-ConfigurationCommon*, and *tdd-UL-DL-ConfigurationDedicated* are not provided to the UE, and if the UE does not detect a DCI format 2\_0 providing a slot format for the slot

- the UE receives PDSCH or CSI-RS in the set of symbols of the slot if the UE receives a corresponding indication by a DCI format 1\_0, DCI format 1\_1, or DCI format 0\_1

- the UE transmits PUSCH, PUCCH, PRACH, or SRS in the set of symbols of the slot if the UE receives a corresponding indication by a DCI format 0\_0, DCI format 0\_1, DCI format 1\_0, DCI format 1\_1, DCI format 2\_3, or a RAR UL grant

- the UE receives PDCCH as described in Clause 10.1

- if the UE is configured by higher layers to receive PDSCH or CSI-RS in the set of symbols of the slot, the UE does not receive the PDSCH or the CSI-RS in the set of symbols of the slot

- if the UE is configured by higher layers to transmit SRS, or PUCCH, or PUSCH, or PRACH in the set of symbols of the slot, the UE

- does not expect to cancel the transmission of the PUCCH, or the PUSCH, or the PRACH in the slot if the first symbol of the PUCCH or the PUSCH or the PRACH in the slot occurs within  relative to a last symbol of a CORESET where the UE is configured to monitor PDCCH for DCI format 2\_0 .Otherwise, the UE cancels the PUCCH, or the PUSCH, or the PRACH transmission in the slot.

- does not expect to cancel the transmission of SRS in symbols from the set of symbols that occur within  relative to a last symbol of a CORESET where the UE is configured to monitor PDCCH for DCI format 2\_0. The UE cancels the SRS transmission in remaining symbols from the set of symbols.

 is the PUSCH preparation time for the corresponding UE processing capability [6, TS 38.214] assuming  and  corresponds to the smallest SCS configuration between the SCS configuration of the PDCCH carrying the DCI format 2\_0 and the SCS configuration of the SRS, PUCCH, PUSCH or *r*, where *r* corresponds to the SCS configuration of the PRACH if it is 15kHz or higher; otherwise *r*=0.

<unchanged part is omitted>