**3GPP TSG RAN WG1 #118 R1-240XXXX**

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

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| *CR-Form-v12.3* | | | | | | | | |
| **[Draft CR] CHANGE REQUEST** | | | | | | | | |
|  | | | | | | | | |
|  | **38.213** | **CR** |  | **rev** | **-** | **Current version:** | **17.10.0** |  |
|  | | | | | | | | |
| *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:*** | Draft CR on transition time of BWP change triggered by DCI format 1\_1/0\_1 scheduling multi-PXSCHs for Rel-17 | | | | | | | | | |
|  |  | | | | | | | | | |
| ***Source to WG:*** | CATT, Ericssion, Samsung | | | | | | | | | |
| ***Source to TSG:*** |  | | | | | | | | | |
|  |  | | | | | | | | | |
| ***Work item code:*** | NR\_ext\_to\_71GHz-Core | | | | |  | ***Date:*** | | | 2024-08-20 |
|  |  | | | |  | |  | | |  |
| ***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-17 (Release 17) Rel-18 (Release 18) Rel-19 (Release 19)  Rel-20 (Release 20)* | |
|  |  | | | | | | | | | |
| ***Reason for change:*** | | In current spec, if a cell is indicated to perform BWP switching, UE is not required to receive or transmit during the transition time of active DL or UL BWP switch. The end of transition time is defined as the beginning of a slot indicated by the k0 or k2 of the time domain resource assignment field in the DCI format.  For up to 71GHz operation, the non-consective multiple PDSCHs/PUSCHs scheduling for a cell is supported, and more than one k0 or k2 values can be indicated by time domain resource assignment field in the DCI format. For this condition, the UE does not know which slot offset value is used to determine transition time. | | | | | | | | |
|  | |  | | | | | | | | |
| ***Summary of change:*** | | Clarify the end of transition time of active DL/UL BWP change triggering by DCI format scheduling multi-PDSCH/PUSCH:   * Add ‘or determined by the slot offset value corresponding to the first PDSCH of the more than one PDSCH scheduled by the DCI format for the cell’ * Add ‘or determined by the slot offset value corresponding to the first PUSCH of the more than one PUSCH scheduled by the DCI format for the cell.’ | | | | | | | | |
|  | |  | | | | | | | | |
| ***Consequences if not approved:*** | | UE does not know which slot offset value is used to determine transition time for non-consective multiple PDSCHs/PUSCHs scheduling for a cell. | | | | | | | | |
|  | |  | | | | | | | | |
| ***Clauses affected:*** | | 12 | | | | | | | | |
|  | |  | | | | | | | | |
|  | | **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:*** | |  | | | | | | | | |

# 12 Bandwidth part operation

< Unchanged parts are omitted >

A UE does not expect to detect a DCI format with a BWP indicator field that indicates an active DL BWP or an active UL BWP change with the corresponding time domain resource assignment field providing a slot offset value for a PDSCH reception or PUSCH transmission that is smaller than a delay required by the UE for an active DL BWP change or UL BWP change, respectively [10, TS 38.133].

If a UE detects a DCI format with a BWP indicator field that indicates an active DL BWP change for a cell, the UE is not required to receive or transmit in the cell during a time duration from the end of the third symbol of a slot where the UE receives the PDCCH that includes the DCI format in a scheduling cell until the beginning of a slot indicated by the slot offset value of the time domain resource assignment field in the DCI format or determined by the slot offset value corresponding to the first PDSCH of the more than one PDSCH scheduled by the DCI format for the cell.

If a UE detects a DCI format with SCell dormancy indication that indicates an active DL BWP change for an Scell in slot *n* of primary cell, the UE is not required to receive or transmit in the SCell during a time duration specified in [10, TS 38.133].

If a UE detects a DCI format indicating an active UL BWP change for a cell, the UE is not required to receive or transmit in the cell during a time duration from the end of the third symbol of a slot where the UE receives the PDCCH that includes the DCI format in the scheduling cell until the beginning of a slot indicated by the slot offset value of the time domain resource assignment field in the DCI format or determined by the slot offset value corresponding to the first PUSCH of the more than one PUSCH scheduled by the DCI format for the cell.

< Unchanged parts are omitted >