**3GPP TSG-RAN WG1 Meeting #110 R1-220xxxx**

**Toulouse, France, August 22 – 26, 2022**

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| *CR-Form-v12.1* | | | | | | | | |
| **[DRAFT] CHANGE REQUEST** | | | | | | | | |
|  | | | | | | | | |
|  | **38.213** | **CR** | **xxx** | **rev** | **-** | **Current version:** | **17.2.0** |  |
|  | | | | | | | | |
| *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 |  |
|  | | | | | | | | | | | | | | | | | |
| ***Title:*** | Corrections on PDCCH monitoring enhancement for 52-71GHz spectrum | | | | | | | | | | | | | | | | |
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| ***Source to WG:*** | Huawei, HiSilicon, Ericsson | | | | | | | | | | | | | | | | |
| ***Source to TSG:*** | R1 | | | | | | | | | | | | | | | | |
|  |  | | | | | | | | | | | | | | | | |
| ***Work item code:*** | NR\_ext\_to\_71GHz-Core | | | | | | | | |  | ***Date:*** | | | 2022-08-24 | | | |
|  |  | | | | |  | | | | |  | | |  | | | |
| ***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-15 (Release 15) Rel-16 (Release 16) Rel-17 (Release 17) Rel-18 (Release 18)* | | | | |
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| ***Reason for change:*** | | In current 38.213 spec, the UE monitors PDCCH candidates for a search space set in each slot of consecutive slots, starting from slot . However, for 480/960 kHz SCS, a search space can exisit in consecutive groups of slots with a total duration of slots, and within each group of slots, the slot for PDCCH monitoring is further determined according to the parameter of *monitoringSlotsWithinSlotGroup*. | | | | | | | | | | | | | | | |
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| ***Summary of change:*** | | Add description on the determination of PDCCH monitoring occasion by the parameter of *monitoringSlotsWithinSlotGroup* for 480/960 kHz SCS in clause 10.1 in TS38.213. | | | | | | | | | | | | | | | |
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| ***Consequences if not approved:*** | | The description of PDCCH monitoring slots for 480/960 kHz SCS does not align with the agreement and inconsistent with the description for the field of *duration-r17*. | | | | | | | | | | | | | | | |
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| ***Clauses affected:*** | | 10.1 | | | | | | | | | | | | | | | |
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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:*** | |  | | | | | | | | | | | | | | | |
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| ***This CR's revision history:*** | |  | | | | | | | | | | | | | | | |

**10.1 UE procedure for determining physical downlink control channel assignment**

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A UE determines a PDCCH monitoring occasion on an active DL BWP from the PDCCH monitoring periodicity, the PDCCH monitoring offset, and the PDCCH monitoring pattern within a slot. If *monitoringSlotsWithinSlotGroup* is not provided, for search space set , the UE determines that PDCCH monitoring occasions exist in a slot with number [4, TS 38.211] in a frame with number  if ( +-). The UE monitors PDCCH candidates for search space set for consecutive slots, starting from slot , and does not monitor PDCCH candidates for search space set for the next  consecutive slots. the UE determines that with number [4, TS 38.211] in a frame with number satisfying ( +-) The UE monitors PDCCH candidates for search space set within consecutive slots determined by *monitoringSlotsWithinSlotGroup*, starting from slot , and does not monitor PDCCH candidates for search space set for the next consecutive slots.

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