**3GPP TSG-RAN WG1 Meeting #110 R1-22ccccc**

**Toulouse, France, Aug 22nd – Aug 26th, 2022**

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| *CR-Form-v12.2* | | | | | | | | |
| **[DRAFT] CHANGE REQUEST** | | | | | | | | |
|  | | | | | | | | |
|  | **38.213** | **CR** | **xxxx** | **rev** |  | **Current version:** | **17.2.0** |  |
|  | | | | | | | | |
| *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:*** | Corrections on the value of slot configuration period in TS 38.213 for the features extending NR operation to 71 GHz | | | | | | | | | |
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| ***Source to WG:*** | Moderator (vivo), CATT, Nokia | | | | | | | | | |
| ***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-16 (Release 16) Rel-17 (Release 17) Rel-18 (Release 18) Rel-19 (Release 19)* | |
|  |  | | | | | | | | | |
| ***Reason for change:*** | | 1. With the new SCS 480/960 KHz are introduced for FR2-2 operation, the slot configuration period of  msec including 0.625ms, P=1.25ms and P=2.5ms shall be also applied for 480/960 KHz.  2. P = 10 msec should not apply to since maxNrofSlots is 320, and for 960kHz, P=10ms require 640 slots. | | | | | | | | |
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| ***Summary of change:*** | | 1. Clarify that can support P=0.625/1.25/2.5 ms for slot configuration period of P.  2. Clarify that P = 10 msec is not applied to . | | | | | | | | |
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| ***Consequences if not approved:*** | | NR featues to extend the operation on FR2-2 will be incomplete. | | | | | | | | |
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| ***Clauses affected:*** | | 11.1 | | | | | | | | |
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|  | | **Y** | **N** |  | | | |  | | |
| ***Other specs*** | |  | **X** | Other core specifications | | | |  | | |
| ***affected:*** | |  | **X** | Test specifications | | | |  | | |
| ***(show related CRs)*** | |  | **X** | O&M Specifications | | | |  | | |
|  | |  | | | | | | | | |
| ***Other comments:*** | |  | | | | | | | | |
|  | |  | | | | | | | | |
| ***This CR's revision history:*** | |  | | | | | | | | |

## 11.1 Slot configuration

A slot format includes downlink symbols, uplink symbols, and flexible symbols.

The following are applicable for each serving cell.

If a UE is provided *tdd-UL-DL-ConfigurationCommon*, the UE sets the slot format per slot over a number of slots as indicated by *tdd-UL-DL-ConfigurationCommon*.

The *tdd-UL-DL-ConfigurationCommon* provides

- a reference SCS configuration  by *referenceSubcarrierSpacing*

- a *pattern1*.

The *pattern1* provides

- a slot configuration period of  msec by *dl-UL-TransmissionPeriodicity*

- a number of slots  with only downlink symbols by *nrofDownlinkSlots*

- a number of downlink symbols  by *nrofDownlinkSymbols*

- a number of slots  with only uplink symbols by *nrofUplinkSlots*

- a number of uplink symbols  by *nrofUplinkSymbols*

A value  msec is valid only for , . A value  msec is valid only for  ,  . A value  msec is valid only for , or , or , . A value *P*=10 msec is valid only for , , or , or , or .

A slot configuration period of  msec includes  slots with SCS configuration . From the  slots, a first  slots include only downlink symbols and a last  slots include only uplink symbols. The  symbols after the first  slots are downlink symbols. The  symbols before the last  slots are uplink symbols. The remaining  are flexible symbols.

**<Unchanged parts are omitted>**