**3GPP TSG-RAN WG1 Meeting #112bis-eR1-230XXXX**

**e-Meeting, April 17th – April 26th, 2023**

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| *CR-Form-v12.1* |
| **CHANGE REQUEST** |
|  |
|  | **37.213** | **CR** | **XXX** | **rev** | **-** | **Current version:** | **17.5.0** |  |
|  |
| *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 the indication of short control signal  |
|  |  |
| ***Source to WG:*** | Moderator (Nokia), vivo |
| ***Source to TSG:*** | R1 |
|  |  |
| ***Work item code:*** | NR\_ext\_to\_71GHz-Core |  | ***Date:*** |  |
|  |  |  |  |  |
| ***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 e?planations 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:*** | The agreement in RAN1#111 meeting regarding the channel access mechanism indication for Msg1 and MsgA is not captured. The agreement was pending for RAN2’s approval, and RAN2 confirmed to introduce the RRC change in R1-2302277 (R2-2301942).**Agreement**Introduce *ra-ChannelAccess-r17* in SIB1 and other relevant RRC indicator fields (if needed) to control msg1/msgA transmission with and without LBT* The TP CA-1-4 below is provided as an example of the expected RAN1 specification change.
* Send LS to RAN2 to request introducing *ra-ChannelAccess-r17* in SIB1 and other relevant RRC indicator fields (if needed). If configured, indicating UE should perform LBT before msg1/msgA transmission. Ask RAN2 to confirm whether RAN2 is able to introduce this RRC change and confirm to RAN1.
* Note: gNB is responsible to configure the *ra-ChannelAccess-r17* properly to comply with local regulation

====TP CA-1-4 for 37.213===============4.4.5       Exempted transmissions from sensingIn regions where channel sensing is required to access a channel for transmission and short control signalling exemption is allowed by regulation, a gNB/UE may transmit the following transmission(s) on a channel without sensing the channel:-     Transmission(s) of the discovery burst by the gNB-     If the higher layer parameter *ra-ChannelAccess-r17* is not configured, transmission(s) of the first message in a random access procedure by the UE===End of TP CA-1-4====================== |
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| ***Summary of change:*** | Adding the description of the channel access mechanism indication parameter for msg1/msgA. |
| ***T*** |  |
| ***Consequences if not approved:*** | The application case of short control signalling for msg1/msgA is not correct. |
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| ***Clauses affected:*** | 4.4.5 |
|  |  |
|  | **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:*** |  |

**<Unchanged parts omitted>**

### 4.4.5 Exempted transmissions from sensing

In regions where channel sensing is required to access a channel for transmission and short control signalling exemption is allowed by regulation, a gNB/UE may transmit the following transmission(s) on a channel without sensing the channel:

- Transmission(s) of the discovery burst by the gNB

- If the higher layer parameter *ra-ChannelAccess-r17* is not configured, transmission(s) of the first message in a random access procedure by the UE

When the gNB/UE transmits the above transmission(s) without sensing on a channel by utilizing the exemption above, the total duration of such transmission(s) by the gNB/UE shall not occupy the corresponding channel more than $10ms$ over any $100ms$ interval.

**<Unchanged parts omitted>**