**3GPP TSG RAN WG1 #110bis-e R1-2210489**

**e-Meeting, October 10th – 19th, 2022**

**Title:** LS on updated Rel-17 RAN1 UE features lists for NR after RAN1#110bis-e

**Response to:** -

**Release:** Rel-17

**Work Items:** NR\_FeMIMO, NR\_ext\_to\_71GHz, NR\_IIOT\_URLLC\_enh, NR\_NTN\_solutions, NR\_pos\_enh, NR\_redcap, NR\_UE\_pow\_sav\_enh, NR\_cov\_enh, NR\_IAB\_enh, NR\_SL\_enh, NR\_MBS, NR\_DSS, LTE\_NR\_DC\_enh2, NR\_DL1024QAM\_FR1, NR\_RF\_FR1\_enh, NR\_SmallData\_INACTIVE, TEI17, NR\_newRAT

**Source:** RAN WG1

**To:** RAN WG2

**CC:** RAN WG4

**Contact Person:**

#### Name: Hiroki Harada, Ralf Bendlin

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**Attachment:**  R1-2210488.zip (Updated RAN1 UE features list for Rel-17 NR after RAN1 #110bis-e)

**1. Overall Description:**

RAN1 has continued to discuss the Rel-17 RAN1 UE features list for NR and would like to share the latest version with RAN2 in the attachment R1-2210488.

For NR\_cov\_enh, RAN1 made following agreement regarding FG 30-4g (Restart DMRS bundling), and hence RAN1 would like to ask RAN2 to consider to update TS38.331 description based on FG30-4g accordingly, e.g., *pusch-WindowRestart, pucch-WindowRestart*.

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| **Agreement:*** **Add “triggered by DCI or MAC CE” after “event(s)” and a note “Note: Events which are triggered by DCI or MAC CE, but do not require UE capability to resume maintaining power consistency and/or phase continuity as specified in subclause 6.1.7 of 38.214 v17.3.0 are excluded from this feature” for the description of “Components” in FG 30-4g**
	+ **In the LS to be sent to RAN2 with updated UE features list, RAN1 asks RAN2 to consider to update TS38.331 description based on FG30-4g accordingly, e.g., *pusch-WindowRestart, pucch-WindowRestart***
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**2. Actions:**

**To RAN WG2**

**ACTION:** RAN1 kindly asks RAN2 to take into account the RAN1 NR UE features in the attachment for designing corresponding capability signalling in Rel.17.

**3. Date of Next RAN WG1 Meetings:**

TSG-RAN WG1 Meeting #111 Nov. 14 to Nov. 18, 2022 Toulouse, FR