3GPP TSG-RAN WG2 Meeting #116bis-e Tdoc draftR2- 2201760

Electronic Meeting, Jan 17th - 25th, 2022

**Title:** LS on RSRP measurement before Msg1 or MsgA retransmission

**Response to:**

**Release:** Rel-17

**Work Item:** NR\_redcap-Core

**Source:** Ericsson (To be RAN2)

**To:** RAN4, RAN1

**Cc:**

**Contact Person:**

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**Attachments:**

**1. Overall Description:**

Regarding the following scenario mentioned by RAN1 in the LS provided in R1-2112802:

* For a separate initial DL BWP (if it does not include CD-SSB and the entire CORESET#0) from RAN1 perspective,
  + If it is configured for random access while not for paging in idle/inactive mode, RedCap UE does NOT expect it to contain SSB/CORESET#0/SIB.

RAN2 has discussed this scenario and how a RedCap UE performs RSRP measurements before Msg1 or MsgA retransmission on separate initial UL BWP and agreed on the following."

* “From RAN2 perspective, if a RedCap UE in idle/inactive mode is configured with a separate initial BWP associated with no SSB (CD or NCD) for RACH, it is up to UE implementation to perform new RSRP measurement in a DL BWP associated with CD-SSB before Msg1/A retransmission.”

RAN2 respectfully asks RAN4 and RAN1 to take the agreement above into consideration and check if any update is required in their specifications.

**2. Actions:**

**To RAN4 and RAN1**

**ACTION:** RAN2 kindly asks RAN4 and RAN1 to take the agreement above into consideration and check, as it is up to RAN4 and RAN1, if any update is required in their specifications.

**3. Date of Next TSG-RAN WG2 Meetings:**

TSG-RAN WG2 Meeting #117-e 21st Feb - 3rd Mar 2022 e-Meeting

TSG-RAN WG2 Meeting #118-e 16th - 27th May 2022 e-Meeting