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

**Cc:** RAN1

**Contact Person:**

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**Send any reply LS to: 3GPP Liaisons Coordinator,** **mailto:3GPPLiaison@etsi.org**

**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 to take the agreement above into consideration and check if any update is required in their specifications.

**2. Actions:**

**To RAN4**

**ACTION:** RAN2 kindly asks RAN4 to take the agreement above into consideration and check, as it is up to RAN4, 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