**3GPP TSG-RAN WG2 Meeting #120R2-22xxxxx**

**Toulouse, France, 14 – 18 November, 2022**

Title: [Draft] Reply LS on configuring margin for 1 Rx RedCap UEs

Response to: R2-2211115/R4-2214484

Release: Release 17

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

Source: OPPO (to be RAN2)

To: RAN4

Cc: -

**Contact Person:**

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

Attachments:

**1. Overall Description:**

RAN2 would like to thank RAN4 for their reply LS on configuring margin for 1 Rx RedCap UEs in R2-2211115/R4-2214484.

For the list of cell-specific RSRP thresholds provided by RAN4, RAN2’s understanding is that the offset shall not apply to delta thresholds, i.e. *s-SearchDeltaP-r16* and *s-SearchDeltaP-Stationary-r17*.

For Rel-16/Rel-17 not-at-cell-edge criterion evaluation, RAN2 understands that the offset should not apply to both cell selection thresholds (i.e. *Qrxlevmin* and *Qqualmin*) and not-at-cell-edge thresholds (i.e. *s-SearchThresholdP-r16*, *s-SearchThresholdQ-r16*, *s-SearchThresholdP2-r17* and *s-SearchThresholdQ2-r17*) and RAN2 will update specifications to avoid the double offset.

RAN2 would also like to inform RAN4 that the following cell-specific RSRP thresholds should be included in the list to apply the offset.

* + - *rsrp-ThresholdSSB-SUL*
    - *rsrp-ThresholdMsg3*

**2. Actions:**

**To RAN4**

**ACTION:** RAN2 respectfully asks RAN4 to take above information into account.

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

TSG-RAN WG2 Meeting #121 27th February – 3rd March 2023 Athens, GR

TSG-RAN WG2 Meeting #121bis-e 17th - 26th April 2023 e-Meeting