**3GPP TSG-RAN WG2 Meeting #121 R2-23xxxxx**

**Athens, Greece, 27th of Feb – 3rd of Mar 2023**

**Title: [DRAFT]** Response LS on enhanced cell reselection requirements in NTN

**Response to:** R4-2220427

**Release:** Release 17

**Work Item:** NR\_NTN\_Solutions

**Source:** Nokia [TSG RAN WG2]

**To:** TSG RAN WG4

**Cc:** -

**Contact Person:**

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

**Attachments:** -

**1. Overall Description:**

RAN2 would like to thank RAN4 for their response LS on enhanced cell reselection requirements in NTN. RAN2 has discussed how the feature is defined in TS 38.306 and decided to agree a corresponding Change Request in R2-2300470. This CR corrects the description of the behavior applied when the NTN UE does not support enhanced RRM requirements for measurements in RRC IDLE/RRC\_INACTIVE. RAN2 would like to point out that section 4.2C.2 in TS 38.133 describes only IDLE mode, so it needs to be clarified if the same requirements apply to INACTIVE as well. In addition, RAN2 believes the changes to RAN4 feature list (i.e. in 25-4) are needed to align with the agreed CR (R2-2300470).

**2. Actions:**

**To RAN WG4 group.**

**ACTION:** RAN2 respectfully asks RAN4 to check the recently agreed CR (in R2-2300470) and let RAN2 know if the feature definition for Enhanced RRM requirements for measurements in IDLE and INACTIVE still contains erroneous parts. In particular, please inform if INACTIVE requires separate description. RAN2 also asks RAN4 to pursue corresponding changes in RAN4 feature list.

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

3GPP RAN2#121bis from 2023-04-17 to 2023-04-26 Electronic Meeting