3GPP TSG RAN WG2 Meeting 129bis R2-25xxxxx

Wuhan, China, 7 - 11 April, 2025

**Title:** [Draft] Relay LS on MDT for NTN

**Response to:** R2-2500026/R3-247908

**Release:** Rel-19

**Work Item:** NR\_ENDC\_SON\_MDT\_Ph4-Core

**Source:** Qualcomm (to be RAN WG2)

**To:** RAN WG3

**Cc:** N/A

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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 RAN3 about the progress on SON/MDT for NTN and provide the reply for the following question.

**Q:** On **MDT for NTN**, RAN3 assumes that the geographical area and/or the mapped cell ID can be used as the Area Scope for the logged MDT for NTN over NGAP. Further, RAN3 would like to confirm with RAN2 whether the geographical area defined for MBS NTN can be reused for Area Scope of logged MDT over Uu for NTN, to help RAN3 decide whether to specify geographical area and/or mapped cell ID over NGAP.

**A:** RAN2 assumes that the signaling structure agreed for encoding geographical area in case of MBS NTN can be used as a reference for encoding geographical area based logged MDT for NTN, including both of reference location/radius and polygon-based area indication. RAN2 also agreed that only geographical area scope is used to indicate applicable logging area to the UE, i.e., no mapped cell ID(s).

# 2 Actions

**To RAN WG3**

**ACTION:** RAN2 kindly asks RAN3 to take the above into consideration and provide feedback to RAN2 if there is any concern.

# 3 Dates of next TSG RAN WG2 meetings

RAN2#130 2025-05-19 – 2025-05-23 Malta, Malta

RAN2#131 2025-08-25 – 2025-08-29 Bengaluru, India