3GPP TSG RAN WG3 125-bis R3-245794

Hefei, China, 14 - 18 October, 2024

**Title:** LS on Supporting MBS broadcast service for NR NTN

**Response to:**

**Release:** Release 19

**Work Item:** NR\_NTN\_Ph3-Core

**Source:** RAN3

**To:** RAN2, SA2, CT4

**Cc:**

**Contact person:** Lisi Li

lilisi@xiaomi.com

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

**Attachments:** R3-245795, R3-245796

# 1 Overall description

RAN3 has discussed the NGAP impact to support NTN MBS in Rel-19. More specifically, how the AMF indicate the gNB when intended service area is smaller than the coverage of the satellite footprint. RAN3 agreed that the intended small service area provided to the gNB can be Mapped Cell ID(s), TAI(s), or geographical service area information to be determined by RAN2, and has started to work on the appropriate signalling solution (see attached agreed TPs – IE name and encoding are pending RAN2 discussion).

RAN3 considers this may impact SA2 and CT4.

# 2 Actions

**To RAN2, SA2, CT4**

**ACTION:** RAN3 asks RAN2, SA2 and CT4 to take the above into account.

# 3 Dates of next TSG RAN WG 3 meetings

TSG-RAN3 Meeting #126 18-22 Nov 2024 Orlando, USA

TSG-RAN3 Meeting #127 17-21 Feb 2025 Athens, GR