**3GPP TSG-SA3 Meeting #104-e *draft\_S3-212725-r5***

**e-meeting, 16 – 27 August 2021**

**Title: [Draft]** **Reply LS on UE location aspects in NTN**

**Response to: LS (S3-212432/R2-2106543) on UE location aspects in NTN**

**Release: Rel-17**

**Work Item: NR\_NTN\_solutions-Core, 5GSAT\_ARCH**

**Source: SA3**

**To:** **RAN2**

**Cc: RAN3, SA2, SA3-LI, CT1, RAN1**

**Contact person: Wei Zhou**

**zhouwei@catt.cn**

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

**Attachments:** none

# 1 Overall description

SA3 would like to thank RAN2 for their LS on UE location aspects in NTN.

If a permanent ID (e.g. SUPI/IMSI) is sent together with the location information unprotected at initial access, SA3 is of the view that there could be a privacy issue.

The security/privacy issues when no permanent ID is sent together with the location information are to be further discussed, for which SA3 needs more technical details of the candidate mechanisms from RAN2 to provide more thorough analysis.

SA3 would also like to remind that the UE location information the network is relying on for AMF selection may not be trusted due to lack of integrity protection.

# 2 Actions

**ACTION:**

1.To RAN1, RNA2, RAN3, SA2, SA3-LI and CT1: 3GPP TSG SA WG3 would like RAN1, RAN2, RAN3, SA2, SA3-LI and CT1 to take the above feedback into account.

2. To RAN2: SA3 kindly requests RAN2 to provide more technical details of the candidate mechanisms for more thorough analysis.

# 3 Dates of next TSG SA WG3 meetings

SA3#105 08 – 12 November 2021 Sophia Antipolis, FR

SA3#106 07 – 11 February 2022 EU