**3GPP TSG-SA3 Meeting #124 S3-253527**

Wuhan, China, 13 – 17 October 2025

**Title: Response LS on issues related to support of IMS voice over NB-IoT NTN connected to EPC**

**Response to: S2-2507636**

**Release: Release 20**

**Work Item: FS\_5GSAT\_Ph4\_ARC**

**Source: Qualcomm Incorporated (to be SA3)**

**To: SA2**

**Cc: RAN2, SA4, SA1, RAN1**

**Contact person: Adrian Escott**

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

**Attachments:** None

# 1 Overall description

SA3 thanks SA2 for their LS (S2-2507636) on issues related to support of IMS voice over NB-IoT NTN connected to EPC.

In that LS, SA2 ask SA3 the following question:

**Question 7** (**To SA3**): Considering that in the context of alternative solutions documented in TR 23.700-19 for the support of IMS voice over NB-IoT NTN connected to EPC, a specific SRB (i.e. via a dedicated EPS bearer for Data over NAS) will be used for transfer of voice media packets only, is there a concern to eliminate the 5 bytes of NAS layer security overhead?

SA3 provides the following response:

The majority of companies in SA3 were not in favour of allowing non-integrity protected voice packets to be sent over NAS to the MME. Hence there was no consensus in SA3 to eliminate the 5 bytes of NAS layer security overhead .

# 2 Actions

**To SA2**

**ACTION: SA3 asks SA2 to take the above response into account in their further work on the subject.**

# 3 Dates of next TSG SA WG 3 meetings

SA3#125 17 – 21 November 2025 Dallas, US

SA3#126 9 – 13 February 2026 India (TBD)