**3GPP TSG-WG SA2 Meeting #152E e-meeting *S2-2206744r01***

**Elbonia, August 17 – 26, 2022 (revision of S2-220xxxx)**

Title: [DRAFT] LS response on GNSS integrity

Response to: LS (R2-2206389) LS on GNSS integrity from RAN2

Release: [OPTIONAL] Release (or multiple releases) to which the LS relates

Work Item: [OPTIONAL] Work Item(s) to which the LS relates (use WID Code not name)

Source: [Huawei to be] SA2

To: RAN2

Cc: SA1

**Contact Person:**

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

Attachments: rev05 of S2-2206745 (CR 0232)

**1. Overall Description:**

SA2 thanks RAN2 for the question on the use case and their KPIs of GNSS integrity. After checking RAN specification indicated in the RAN LS, SA2 identifies system impact that:

(1) LCS client/AF may provide integrity requirement in the location request to the GMLC/NEF, and further to the LMF. LMF may determine to use GNSS positioning method when receive the integrity requirement.

(2) UE may include integrity requirements in the MO-LR message. LMF may determine to use GNSS positioning method when receive the integrity requirement.

Attached is the agreed CR reflecting the changes in TS 23.273.

**2. Actions:**

**To RAN2 group.**

**ACTION:** SA2 asks RAN2 group to take above answer into consideration for future work.

**3. Date of Next TSG SA WG2 Meetings:**

TSG-SA2 Meeting #153e Oct 10 – 14, 2022 Elbonia

TSG-SA2 Meeting #154 Nov 14 – 18, 2022 Canada, CA