**3GPP TSG RAN WG2#119-e bis R2-XXXXXXX**

**Online, October 10-19th, 2022**

Title: Latency impact NTN verified UE location

Response to: -

Release: Release 18

Source: RAN2

To: SA1, SA2

Cc: RAN1, RAN3, RAN

**Contact Person:**

Name: Quentin Baradat

E-mail Address: quentin.baradat@thalesaleniaspace.com

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

Attachments: None

**1. Overall Description:**

A major point to clarify concerns the latency requirement for the location verification procedure. Indeed, some positioning methods are based on measurement sampling over time. As an order of magnitude, a LEO satellite is visible from 5 to 20 min.

According to RAN2 offline discussions, the TR 38.882 is not clear about the requirements “The solution should not impact significantly the latency of the targeted services nor infringe privacy requirements that apply to the UE location.”

• Is there any constraint on the latency (trigger to result) of the verification procedure?

• Can the verification procedure be run independently from the targeted services (e.g. in parallel to prevent any set-up delay)?

**2. Actions:**

**To** **SA1; SA2**

Cc RAN1; RAN3; RAN

**ACTION:** RAN2 would like to request SA1/SA2 some clarifications on the following TR recommendation: "The solution should not impact significantly the latency of the targeted services nor infringe privacy requirements that apply to the UE location.” :

• Is there any constraint on the latency (trigger to result) of the verification procedure?

• Can the verification procedure be run independently from the targeted services (e.g. in parallel to prevent any set-up delay)?

**3. Date of Next RAN2 Meetings:**

TSG-RAN WG2#120 November 14th – 18th, 2022 Toulouse, FRANCE