**3GPP TSG RAN WG2#121bis-e R2-230xxxx**

**Online meeting: April 17-26, 2023**

Title: [Draft] Reply LS on applicability of SIB19 for NR ATG

Response to: R2-2302438/ R4-2303684

Release: Release 18

Source: Qualcomm Inc. [to be RAN2]

To: RAN4

Cc:

**Contact Person:**

Name: Bharat Shrestha

E-mail Address: bshresth@qti.qualcomm.com

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

Attachments: None

**1. Overall Description:**

RAN2 would like to thank RAN4 for the LS on the applicability of the SIB19 for ATG. RAN2 understands the ATG UE needs ATG ground station location information for time/frequency error correction.

RAN2 will address this and intends to find a solution for Rel-18 (SIB19 or other SIB etc). RAN2 kindly asks RAN4 to provide information on the required ATG ground station location accuracy. The exact BS location is a sensitive information and some companies in RAN2 would prefer not to broadcast it. Meanwhile, RAN2 would like to know if other information also needs to be sent to ATG UE (e.g., cell specific koffset), please provide the information if any.

**2. Actions:**

**To** **RAN4 group.**

**ACTION:** RAN2 kindly asks RAN4 to provide information on the required ATG ground station location accuracy, and other information also needs to be sent to ATG UE, if any.

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

TSG-RAN WG2#122 May 22nd – 26th, 2023 Incheon, South Korea