3GPP TSG-RAN WG3 #119bis-e R3-23xxxx

Online, April 17 - 27, 2022

Title: [DRAFT] LS on OAM connectivity for mobile IAB

Response to:

Release: Rel-18

Work Item: NR\_mobile\_IAB

Source: Qualcomm [to be: RAN3]

To: SA5

Cc:

**Contact Person:**

Name: Georg Hampel

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

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

Attachments: None

**1. Overall Description:**

RAN3 is currently defining the specification for Rel-18 mobile IAB. The mobile IAB-node refers to an IAB-node that can move across the operator’s network while providing access to UEs. In Rel-16/17, RAN3 specified in TS 38.401 how a stationary IAB-node can establish the necessary IP layer to connect to OAM. The mobile IAB-node can establish this IP layer in the same manner as the stationary Rel-16/17 IAB node.

RAN3 would like to ask SA5 to provide feedback on the following question:

* How can the mobile IAB-node retain its OAM connectivity while moving across the network.

**2. Actions:**

**To RAN2 group.**

**ACTION:** RAN3 asks SA5 to provide feedback on the above question.

**3. Date of Next RAN3 Meetings:**

RAN3#120 22 th – 26 th May, 2023 Incheon, Korea

RAN3#121 21th – 25th August, 2023 Toulouse, France