3GPP TSG-RAN WG2 Meeting #121bis-e R2-2304564

e-Meeting, 17th April – 26th April 2023

**Title: LS on BRID and DAA broadcast over LTE and NR PC5**

**Response to:**

**Release: REL-18**

**Work Item: NR\_UAV-Core**

**Source: RAN WG2**

**To:** **SA WG2**

**Cc:**

**Contact person: Gordon Young (gordonpetery@xiaomi.com)**

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

**Attachment: None**

# 1 Overall description

During RAN2#121bis-e meeting RAN2 agreed for DAA, in line with the Rel-18 RAN work item description (in RP-230782), to re-use the BRID framework for delivery of DAA, namely using only LTE PC5 and NR PC5 broadcast to deliver all DAA messages, including those used for deconfliction.

Secondly, RAN2 briefly discussed whether enhancements are needed to support the QoS requirements for BRID and DAA. RAN2 agreed to use the existing V2X QoS framework and captured FFS whether different resource pools are needed for A2X services and FFS whether current configurations can support A2X requirements. In order to progress on these open aspects, RAN2 would like to ask SA2 whether BRID and DAA broadcast over LTE and NR PC5 require new QoS requirements and parameters not supported within the ranges supported for V2X.

# 2 Actions

**To SA2**

**ACTION:** RAN2 respectfully asks SA2 to,

1. note DAA service delivery via LTE PC5 and NR PC5 only uses broadcast for all DAA messages.

2. reply whether BRID and DAA broadcast over LTE and NR PC5 require new QoS requirements and parameters not supported within the ranges supported for V2X.

# 3 Dates of next TSG RAN WG 2 meetings

TSG RAN WG2 Meeting #122 22-26 May 2023 Incheon, KR

TSG RAN WG2 Meeting #123 21-25 Aug 2023 Toulouse, FR