**3GPP TSG RAN WG2 Meeting #121 R2-2301737**

**Athens, Greece, February 27th – March 3rd, 2023**

**Title:** Draft Reply LS on PC5 based Detect and Avoid mechanism

**Response to:** R2-2300080/S2-2301854

**Release:** Rel-18

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

**Source:** LG Electronics [RAN2]

**To:** SA2

**Cc:**

**Contact person:** Seungmin Lee

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

**Attachments:**

# 1 Overall description

RAN2 would like to thank SA2 for the LS on PC5 based Detect and Avoid mechanism and provide the answer below to the question of whether the means for LTE PC5 described in TS 36.300 can be also applied to NR PC5 as well as to UAV UEs to support PC5 based DAA mechanism between UAV UEs served by different PLMNs and with subscriptions.

RAN2 answer:

* The PC5-based DAA/BRID between UAV UEs served by different PLMNs and with subscriptions to different PLMNs is supported (i.e. the PC5 carrier used for NR sidelink communication should be the same in the current release).

# 2 Actions

**To SA2**

RAN2 respectfully asks SA2 to take into account of RAN2 feedback in their further work

# 3 Dates of next TSG-RAN WG2 meetings

TSG RAN WG2 Meeting #121-bis-e April 17th – 26th, 2023 e-Meeting

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