**3GPP TSG RAN WG2#124 R2-231xxxx**

**Chicago, USA, 13th - 17th November 2023**

**Title: [Draft] Reply LS on RSPP metadata field in sidelink positioning discovery**

**Response to: Reply LS to LS to SA2 on Sidelink positioning procedure (S2-2305735/R2-2304651)**

**Release: Rel-18**

**Work Item:** **NR\_pos\_enh2**

**Source:** **RAN2**

**To:** **SA2**

**CC:** **CT1**

**Contact Person:**

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

Attachments: None

# Overall description

RAN2 thanks SA2 for their reply LS on Sidelink positioning procedure, which includes the following requirements regarding RSPP metadata field.

|  |
| --- |
| Regarding to UE discovery and selection, SA2 has decided to include an RSPP (i.e. SLPP) metadata field during discovery, the contents of which are to be specified by RAN2. SA2 expects RAN2 to include at least the supported UE roles (e.g. SL Reference UE, Located UE, SL Positioning Server UE) in the contents of this field. Note that in SA2 we distinguish between SL Reference UE and Located UE roles, and hence sincerely ask RAN2 to specify how these roles (or an equivalent thereof) can be conveyed using the RSPP metadata field. |

RAN2 discussed the RSPP metadata field and made the following agreements:

Agreements:

To distinguish the Reference UE/Anchor UE from Located UE, the UE announced as anchor UE in the RSPP metadata should also indicate the availability of known location (1-bit indication).

Multiple UE roles can be indicated in the RSPP metadata.

Specify the RSPP metadata in SLPP specification as an SLPP IE/separate module (in a separate section and is not expected to be included in any SLPP message).

LS to SA2 on the agreements on the RSPP metadata.

No need to include the following parameters in RSPP metadata:

- metadata type (i.e., announced, required, satisfied);

- SLPP support;

- serving PLMN;

- positioning methods of anchor UE.

Actions

**To SA2**

**ACTION:** RAN2 respectfully asks SA2 to take the above agreements into account.

3 Dates of next TSG RAN WG 2 meetings

TSG RAN WG2 Meeting #125 February 26 – March 1, 2024, Athens, GR

TSG RAN WG2 Meeting #125bis April 15 – April 19, 2024, China (TBC), CN