**3GPP TSG-CT WG1 Meeting #138-eC1-226055**

**E-Meeting, 10th – 14th October 2022**

Title: Reply LS on Tx profile

Response to: LS on Tx profile (C1-225557/R2-2208853)

Release: Release 17

Work Item: eV2XARC\_Ph2, 5G\_ProSe, NR\_SL\_enh-Core

Source: CT1

To: RAN2

Cc:

**Contact Person:**

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Attachments:

**1. Overall Description:**

CT1 would like to thank RAN2 for their LS on Tx profile.

CT1 would like to provide the following answers for the questions from RAN2.

***Q1****: Can CT1 confirm that CT1 specification has defined a per-service-identifier list of TX profile, where for each service-identifier, what CT1 specification needs to refer from RAN2 specification is a value of TX profile instead of a list of TX profile?*

**A1:** CT1 confirms the above understanding. In “V2X service identifier to PC5 RAT(s) and Tx profiles mapping rules” and “ProSe identifiers to NR Tx profile for broadcast and groupcast mapping rules”, CT1 specification includes a value of TX profile (by referring to *SL-TxProfile-r17* in clause 9.3 of 3GPP TS 38.331) instead of a list of Tx profiles.

***Q2****: Can CT1 confirm that CT1 specification define the “V2X service identifier to PC5 RAT(s) and Tx profiles mapping rules” for the per-service-identifier list of TX profile and the “Not served by E-UTRA and not served by NR” including the SL-PreconfigurationNR IE as two separate fields, so that according to CT1 specification, the TX profile is not defined within* *SL-PreconfigurationNR?*

**A2:** CT1 confirms that these two fields “V2X service identifier to PC5 RAT(s) and Tx profiles mapping rules” and “Not served by E-UTRA and not served by NR” are separate. Also, for 5G\_ProSe, the two fields “ProSe identifiers to NR Tx profile for broadcast and groupcast mapping rules” and “Not served by NG-RAN” are separate. Whether the TX profile is defined within the SL-PreconfigurationNR IE or not is up to RAN2.

***Q3:*** *If Q1/Q2 is confirmed, i.e., there is some collision/duplication in CT1 and RAN2 specification, whether CT1 has a plan to fix/adjust CT1 specification or rely on RAN2 to solve it in RAN2 specification?*

**A3:** CT1 has not identified any collision or duplication in CT1 and RAN2 specifications and do not intend to change CT1 specifications.

**2. Actions:**

**To RAN2**

CT1 kindly asks RAN2 to take the above answers into consideration.

**3. Date of Next CT1 Meetings:**

CT1#139 14th - 18th November 2022 Toulouse, FR

CT1#140 27th February - 3rd March 2023 EU, EU