**3GPP TSG-CT WG1 Meeting #136-e *Rev\_*C1-223652**

**E-Meeting, 06th – 20th May 2022**

**Title: Reply LS on UE capabilities for NR QoE**

**Response to: LS (C1-223312 / R2-2204203) to CT1 on UE capabilities for NR QoE from RAN2**

**Release: Rel-17**

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

**Source: CT1**

**To: RAN2**

**Cc: SA4**

**Contact Person:**

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

**1. Overall Description:**

CT1 thanks RAN2 for their LS (C1-223312 / R2-2204203) on UE capabilities for NR QoE.

RAN2 is asking CT1 to provide feedback on whether RAN2 assumptions on support of AS layer capabilities for QoE can be confirmed:

* *An AS layer capability related to a service type for QoE will be indicated to network only if the UE supports the concerned capability in the application layer.*
* *How AS layer obtains the concerned application layer capability is based on UE implementation (with no AS specification impact).*

CT would like to provide the following response:

The UE needs to inform the AS about its capabilities at network attach. However, this can happen before the QoE-capable applications have been initiated in the UE. Hence, it seems that RAN2 has assumed that these capabilities are available to the AS layer by some implementation specific mechanism. Once the RAN is aware of UE capabilities, it may configure the UE for QoE measurement reporting.

Since the reporting of UE capabilities to AS is based on UE implementation there is no impact on CT1 specifications. CT1 has no further feedback on RAN2 assumptions.

**2. Actions:**

**To RAN2**

**ACTION:** CT1 kindly asks RAN2 to take the above information into account.

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

CT1#137-e 18th - 26th August 2022 electronic meeting

CT1#138-e 10th - 14th October 2022 electronic meeting