**3GPP TSG-RAN WG2 Meeting #117R2-22xxxxx**

**eMeeting, 21st February – 3rd March, 2022**

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

**Response to: -**

**Release:** Rel-17

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

**Source:** RAN2

**To:** SA4, CT1

**Cc:**

**Contact Person:**

#### Name: Jun Chen

E-mail Address: jun.chen@huawei.com

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

**Attachments:** None

**1. Overall Description:**

RAN2 agreed on the following optional UE AS layer capabilities for NR QoE:

* *qoe-Streaming-MeasReport-r17*: Indicates whether the UE supports NR QoE Measurement Collection for streaming services.
* *qoe-MTSI-MeasReport-r17*: Indicates whether the UE supports NR QoE Measurement Collection for MTSI services.
* *qoe-VR-MeasReport-r17*: Indicates whether the UE supports NR QoE Measurement Collection for VR services.
* *ran-VisibleQoE-Streaming-MeasReport-r17*: Indicates whether the UE supports RAN visible QoE Measurement Collection for streaming services.
* *ran-VisibleQoE-VR-MeasReport-r17*: Indicates whether the UE supports RAN visible QoE Measurement Collection for VR services.
* *ul-MeasurementReportAppLayer-Seg-r17*: Indicates whether the UE supports RRC segmentation of the *MeasurementReportAppLayer* message in UL.

Furthermore, RAN2 made the following assumptions on the support of the AS layer capabilities for QoE:

* 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).



**2. Actions:**

**To SA4 and CT1:**

**ACTION:** RAN2 respectfully asks SA4 and CT1 to provide feedback whether the RAN2 assumption can be confirmed.

**3. Date of Next TSG-RAN WG2 Meetings:**

TSG-RAN WG2 Meeting #118-e 16 - 27 May 2022 Electronic

TSG-RAN WG2 Meeting #119 August 2022