**3GPP TSG-SA5 Meeting #138-e *S5-214520***

e-meeting, 23 - 31 August 2021

**Title: Reply LS on QoE configuration and reporting related issues**

**Response to: R2-2106776**

**Release: Rel-17**

**Work Item: eQoE**

**Source:** **SA5**

**To: RAN2**

**Cc: SA4, RAN3**

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

**Attachments:**

# 1 Overall description

SA5 thanks RAN2 for the LS R2-2106776 on (de)activation and failure handling of NR QMC.

SA5 has the following responses to RAN2's questions:

Issue 1: Modify the QoE measurement configuration to UE

RAN2 is discussing QoE configuration signalling support, and RAN2 agreed QoE configuration are encapsulated in a transparent container in the RRC messages. RAN2 does not see the scenario that a QoE measurement configuration already configured in the UE will be modified for e.g., a certain service type or a QoE Reference, and assumes modification is not supported in RRC signalling. RAN2 would like SA5/RAN3 to confirm this assumption.

SA5: SA5 does not specify the modification procedure for QMC so far (in UTRAN and LTE), existing deactivation and activation procedures could be used to modify the QMC. If RAN2 agree to consider QMC modification scenario, then whether modification of QMC is needed for NR in SA5 or not may require further study.

Issue 2: Provide multiple QoE measurement configurations for one certain service type

RAN2 is discussing QoE configuration and reporting signalling support, and some companies mention it is possible that multiple QoE measurement configurations can be provided to UE for one certain service type, e.g. different QoE measurement configurations for different slices may be applied to one service type, or different QoE measurement configurations may be applied for different application providers. RAN2 would like to check with SA5/RAN3 whether it is possible to provide multiple QoE measurement configurations for one certain service type?

SA5: The mechanisms of QMC defined in TS 28.405 does not support multiple QoE measurement configurations. The content in the latest version of 28.405 is for UMTS and LTE, it will be enhanced to support NR in release 17. SA5 think it is possible to provide multiple QoE measurement configurations for one certain service type, and how to support multiple QoE measurement configurations for one certain service type will be considered in NR.

In general, SA5 will wait for further RAN2 progress and then see if some updates to SA5 specifications are needed or not.

# 2 Actions

**To RAN2:**

**ACTION:** SA5 asks RAN2 to take the above information into account in their work, and SA5 will wait for further RAN2 progress.

# 3 Dates of next TSG SA WG 5 meetings

SA5#139e 11 – 15 October 2021 online

SA5#140e 15 – 24 November 2021 online