**3GPP TSG-RAN WG3 #121 R3-23xxxx**

**21th – 25th Aug 2023 Toulouse, France**

**Title: [draft] Reply LS on area scope for QoE measurements**

**Response to: R2-2306569 LS on area scope for QoE measurements**

**Release: Rel-18**

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

Source: Samsung [to be RAN3]

**To: RAN2**

**Cc: SA4, SA5**

**Contact person:**

Name: Xingyu HAN

E-mail Address: xingyu.han@samsung.com

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

**Attachments:** None

# Overall description

RAN3 thanks RAN2 for the LS on area scope for QoE measurements.

Regarding the following Question asked by RAN2,

***Q2) RAN2 would also like to ask SA4/SA5/RAN3 whether there is a problem if for UEs in RRC CONNECTED the network performs area scope checking (with Area Scope of QMC) and UE application also performs area scope checking (with LocationFilter) at the same time. It should be noted that area scope management for UEs in RRC CONNECTED in Rel-17 relies on the gNB releasing the QoE configuration when the UE moves out of the applicable area scope.***

**Answer to Q2**:

When UE is in RRC CONNECTED, RAN3’s understanding is that the UE is able to know whether it leaves the area if the LocationFilter is provided in the configuration container. RAN3 sees no problem as long as current network behaviour still applies, i.e. the network is responsible for keeping track of whether the UE is inside or outside the area scope.

In addition, RAN3 has agreed to correct the presence of QoE Area Scope IE from mandatory to optional in NGAP, in order to align with SA5 spec, i.e. TS 28.405.

# Actions

**To RAN2**

**ACTION:** RAN3 kindly asks RAN2 to take above information into account.

# Dates of next RAN3 meetings

RAN3#121bis 09-13 Oct 2023 Xiamen, CN

RAN3#122 13-17 Nov 2023 Chicago, USA