**3GPP TSG-RAN WG3 Meeting #124R3-243776**

**Fukuoka, Japan, May 20th - 24th 2024**

Agenda Item: 8.1

Source: Ericsson (moderator)

Title: Summary of offline discussion on QMC for MBS

Document for: Approval

# For the Chairman notes

TBW

# Discussion

Contribution R3-243367 observes that, even though the QoE measurement configuration contains the MBS Communication Type indication, which restricts QoE measurements for MBS to a particular mode (broadcast or multicast), as of today, this configuration parameter is not conveyed to the UE, ultimately leading to the inability of the UE to perform measurements in accordance with the configuration. Namely, the UE may be aware of the current MBS mode used, but it does not know whether it should collect QoE measurements in this current MBS mode.

**Q1: Do you acknowledge the issue above? If your answer is “no”, please explain how can the UE collect QoE measurements in the MBS mode stipulated by the QoE configuration?**

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| **Company** | **Yes/No** | **Comment** |
| **Ericsson** | **Yes** |  |
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**Q2: In case you replied “yes” to Q1, please state how should the MBS communication type QMC configuration parameter be delivered to the UE:**

1. **Via RRC.**
2. **Via NAS.**
3. **Inside the QoE measurement configuration to the UE Application layer.**

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| **Company** | **Yes/No** | **Comment** |
| **Ericsson** | **a)** | Not sure how b) would work for m-based QoE. |
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Furthermore, the R3-243367 observes that, when a UE receiving and MBS multicast session is handed over to a non-MBS supporting target RAN node, the session continues to be delivered be means of unicast. In this case, the UE will not interrupt ongoing QMC, i.e., it will continue to collect measurements in unicast mode. In this case, the MCE will remain unaware that the measurements have partly been collected in unicast – the MCE will expect and assume that all the reports were collected in MBS multicast.

**Q3: Do you acknowledge the issue above?**

* **In case your reply is “yes”, please state how the issue can be solved?**
* **In case your reply is “no”, please motivate why.**

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| **Company** | **Yes/No** | **Comment** |
| **Ericsson** | **Yes** | The MCE needs to be made aware of whether the measurements have been collected in multicast only or whether part of measurements have been collected in unicast. |
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