3GPP TSG RAN WG2#129 R2-250xxxx

Athens, Greece, 16th – 21st February, 2025

**Title: LS on number of beam measurements in the measurement report MAC CE**

**Response to: -**

**Release: Rel-19**

**Work Item: NR\_Mob\_Ph4-Core**

**Source: Huawei, HiSilicon [To be RAN2]**

**To: RAN1**

**Cc:**

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**Attachments:** R2-2500805

# 1 Overall description

In the previous RAN2 meetings, RAN2 has agreed that the event-triggered measurement report shall be transmitted via MAC CE. The MAC CE shall include the beam-level measurement results corresponding to the event-triggered report configuration in *LTM-CSI-ReportConfig* in the RRC spec (The current version of the running RRC CR is attached).

Regarding the format of the MAC CE, we would like to ask the following question:

* What should be the maximum number of beam-level measurement results that can be included in the MAC CE?
* How would the N beam level measurements be associated with candidate cells

# 2 Actions

**To RAN1**

**ACTION:** RAN2 respectfully asks RAN1 to provide answer to the above questions.

# 3 Dates of next TSG RAN WG2 meetings

RAN2#129bis 2025-04-07 – 2025-04-11 Wuhan, China

RAN2#130 2025-05-19 – 2025-05-23 Malta