**3GPP TSG RAN WG1 #118bis R1-240xxxx**

**Hefei, China, October 14th – 18th, 2024**

Title: [draft] LS on the support of semi-persistent CSI-RS resource for LTM candidate cells

Response to:

Release: Rel-19

Work Item: NR\_Mob\_Ph4-Core

Source: Moderator (Fujitsu) – to be RAN1

To: RAN3

Cc: RAN2

**Contact Person:**

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Attachments: none

**1. Overall Description:**

The following working assumption was made in RAN1#118bis for candidate cell L1-RSRP measurement based on CSI-RS:

Working Assumption

In addition to periodic CSI-RS, semi-persistent CSI-RS is supported for candidate cell L1-RSRP measurement for gNB scheduled reporting from RAN1 perspective

RAN1 foresees the RAN3 spec impact to enable this functionality for inter-DU/inter-CU case, and hence RAN3’s view is needed to confirm the working assumption.

Therefore, RAN1 would like to ask RAN3 for the feasibility of specifying the signalling for coordination between serving cell and candidate cell(s) on the transmission of semi-persistent CSI-RS(s) and any other potential issues (e.g. RAN3 workload).

**2. Actions:**

**To RAN3 group.**

**ACTION:** RAN1 respectfully asks RAN3 to provide their answer to the question above.

**3. Date of Next TSG RAN WG1 Meetings:**

TSG RAN WG1 Meeting #119 18th– 22nd November 2024 Orlando, US

TSG RAN WG1 Meeting #120 17th– 21st February 2025 Athens, GR