**3GPP TSG RAN WG1 #107-e R1-211xxxx**

**e-Meeting, November 11th – 19th, 2021**

**Title: [DRAFT]** Draft LS on latency improvement for PRS measurement with MG

**Response to:**

**Release:** Rel-17

**Work Item:** NR\_pos\_enh

**Source:** Moderator (Huawei) [to be RAN1]

**To:** RAN2, RAN3

**Cc:**

**Contact Person:**

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**Attachments:**

**1. Overall Description:**

RAN1#107-e reached the following agreement on PRS measurement with preconfiguration MG(s) and MG activation request by UE.

|  |
| --- |
| **Agreement**  Preconfiguration of MG(s) in RRC is supported from RAN1 perspective.   * + Each MG in the preconfiguration is associated with an ID   + The information in the UL MAC CE for MG activation request by the UE can be one ID associated with the preconfiguration of the MG   + Send an LS to RAN2 and RAN3 |

[In addition RAN1 understands it is up to RAN2 and/or RAN3 to decide how gNB determines the preconfiguration of MG(s).]

[For MG activation request to the gNB by the LMF, RAN1 also agreed MG activation request to the gNB by the LMF in RAN1#106bis, and concluded in RAN1#107-e that it is up to RAN3 to design the necessary information to be transferred in the NRPPa message.]

**2. Actions:**

**To RAN4**

**ACTION:** RAN1 respectfully requests RAN2 and RAN3 to take above agreement into account in their future work.

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

TSG-RAN WG1 Meeting #107bis-e 17 – 25 January 2022 E-Meeting

TSG-RAN WG1 Meeting #108-e 21 February – 03 March 2022 E-Meeting