**3GPP TSG RAN WG1 #109-e R1-220xxxx**

**e-Meeting, May 9th – 20th, 2022**

**Title: [DRAFT]** Draft reply LS on applicable number of PFL for the gapless PRS measurement

**Response to:** R1-2203026 (R4-2207098) On applicable number of PFL for the gapless PRS measurement

**Release:** Rel-17

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

**Source:** Moderator (Huawei)

**To:** RAN4

**Cc:**

**Contact Person:**

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

**Attachments:**

**1. Overall Description:**

RAN1 thanks RAN4 for the work on defining the requirements for gap-less PRS measurement, i.e. in the PRS processing window.

On the applicable number of PFLs for the gapless PRS measurement

* RAN1 already agreed in RAN1#108-e that inside each single instance of a PRS processing window, a single PFL can be measured. This is applicable to all Types of MG-less PRS processing.
* In addition, it is RAN1 understanding that the applicable number of positioning frequency layers for the gapless PRS measurement within a PRS processing window is one across all instances of the PRS processing window.

**2. Actions:**

**To RAN4**

**ACTION:** RAN1 respectfully requests RAN4 to take above information into account in their future work.

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

TSG-RAN WG1 Meeting #110 22 Aug – 26 Aug 2022 Toulouse, France