**3GPP TSG-SA5 Meeting #162 *S5-253854***

**Goteborg, Sweden, 25 - 29 August 2025**

**Title: Reply LS on per-UE UE performance metrics**

**Response to: R3-253816/S5-253295**

**Release: Release 18**

**Work Item: NR\_AIML\_NGRAN-Core**

**Source: SA5**

**To: RAN3**

**Cc: RAN2**

**Contact person: Shi Xiaoli**

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

**Attachments:** **S5-253900, S5-253899**

1. Overall description

SA5 would like to thank RAN3 for the reply LS on per-UE UE performance metrics. SA5 has been asked to check the feasibility of the principles agreed by RAN3, to specify a solution that reflects such principles (if feasible) and to provide feedback to RAN3.

**RAN3:**

**For Average packet delay measurements:**

**RAN3 would like to ask SA5 whether the measurements are aggregated per-DRB per-UE to reflect corresponding per-UE metrics. If such per UE aggregation is not supported and if such UE aggregation is feasible, RAN3 would like to ask SA5 to specify these measurements.**

**SA5’s answer**: SA5 confirms that RAN3’s assumption is correct and the measurements defined in TS 28.558 clause 6.3.1.1 are aggregated per-DRB per-UE to reflect corresponding per-UE metrics.

**For Average packet loss measurements:**

**RAN3 would like to further ask whether it is feasible to specify the above Packet Loss Rate metrics with a per-DRB per-UE granularity in the UL and DL at PDCP layer, which may also be aggregated to reflect a per-UE Packet Loss Rate metric.**

**SA5’s answer**: SA5 confirms that it is feasible to specify the packet loss measurements with a per-DRB per-UE granularity. SA5 has specified the corresponding packet loss and drop rate measurements in TS 28.558.

1. Actions

**To RAN3**

**ACTION:** SA5 kindly asks RAN3 to take the above feedback into account.

1. Dates of next TSG SA WG5 meetings

SA5#163 13 October - 17 October 2025 China

SA5#164 17 November - 21 November 2025 Dallas , US