**3GPP TSG-SA5 Meeting #138-e *S5-21xxxx***

e-meeting, 23 - 31 August 2021

**Title:** LS on UPF reporting for redundant transmission on transport layer

**Response to:** -

**Release:** Rel-17

**Work Item:** 5G\_URLLC

**Source:** SA5

**To:** CT4

**Cc:** -

**Contact person:** Chen Shan

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

**Attachments:** S5-214325

# 1 Overall description

For the redundant transmission for high reliability communication specified by SA2 TS 23.501 and the UPF, SA5 has introduced the URLLC charging in TS 32.255 R17.

In the clause 5.2.2.3.3 of TS 29.244, for the redundant transmission on N3/N9 interfaces, the UPF shall not count redundant packets in Usage Reports (e.g. Volume Measurement), i.e. it shall count the traffic only once in Usage Reports;” However, for the redundant transmission at transport layer, a NOTE describers that how the UPF perform the redundant transmission at transport layer is left up to UPF implementation in the clause 5.24.3. In that way, UPF may report the duplication packages or eliminates package, which not specified in the specifications TS 29.244.

How the UPF reporting to SMF is important for the charging accuracy. The clear description about the UPF reporting for redundant transmission on transport layer is required.

# 2 Actions

**To ETSI TC LI**

**ACTION:** SA5 kindly asks CT4 to take the above information into account for UPF reporting for redundant transmission on transport layer.

# 3 Dates of next TSG SA WG 5 meetings

SA5#139-e 11 - 20 October 2021 electronic meeting