3GPP TSG-RAN WG4 Meeting #111 revision of R4-2409516

Fukuoka City, Fukuoka, Japan, 20th – 24th May, 2024

**Title: Draft LS on Rx requirements for n100/n101 PC1 HPUE cab-radio**

**Response to: -**

**Release: Rel-18**

**Work Item: High-power UE operation for fixed-wireless/vehicle-mounted use cases in LTE bands and NR bands in Rel-18 (LTE\_NR\_HPUE\_FWVM\_R18)**

**Source:** **Huawei / RAN4#111**

**To: ETSI TC RT**

**Cc: TSG RAN**

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**Attachments:**

# 1 Overall description

It has been brought to RAN WG4 attention, that ETSI TC RT was discussing misalignments of the ECC Decision (20)02 and the Rel-18 version of the 3GPP TS 38.101-1, observing that the High Power UE (HPUE) cab-radio receiver characteristics were not reflected.

RAN WG4 has observed that work on the HPUE PC1 cab-radio for n100/n101 in Rel-18 was embedded into the LTE\_NR\_HPUE\_FWVM\_REL18 work item, which was focusing on HPUE aspects and related Tx requirements. Technical work on this Work Item has been concluded during RAN WG4 Meeting #111 (May 2025).

RAN WG4 has concluded that it shall reassure that there is no n100/n101 specification duplication nor misalignment among 3GPP RAN4 and ETSI TC RT for n100/n101 FRMCS. Therefore, RAN WG4 has decided to refer to ETSI TC RT work for the Rx characteristics of the FRMCS PC1 cab-radio.

Once the TS 103 793 is published, RAN WG4 will add proper reference to that technical specification in TS 38.104 and TS 38.141-1.

# 2 Actions

**To ETSI TC RT**

**ACTION:** 3GPP RAN WG4 asks ETSI TC RT to consider the above information in their work on ETSI TS 103 793.

3GPP RAN WG4 would appreciate to be informed by ETSI TC RT on the progress of the work on ETSI TS 103 793.

# 3 Dates of next RAN WG4 meetings

RAN4#112 2024-08-19 - 2024-08-23 Maastricht, Netherlands

RAN4#112-bis 2024-10-14 - 2024-10-18 China (TBC), CN