**3GPP TSG-RAN4 Meeting #113 *R4-2420393***

**Orlando, US, 18th – 22nd November, 2024**

**Source:** vivo

**Title:** TP for TR 38.774 on LP-WUS RF

**Agenda item:** 7.23.2.1

**Document for:** Approval

1. Introduction

This contribution is a text proposal for TR 38.774 to capture few general agreements for LP-WUS RF related aspects from WF [1] [2] [3].

# 2. Reference

[1] R4-2418215, TR 38.774 v0.0.1

[2] R4-2417112, WF on UE RF requirements for LP-WUS, vivo, RAN4#112bis

[3] R4-2414309, WF on LP-WUS UE RF requirements, vivo, RAN4#112

[4] R4-2410569, WF for 111136 NR\_LPWUS\_UERF, vivo, RAN4#111

3. Text Proposal

**<Start of Text Proposal>**

# 2 References

The following documents contain provisions which, through reference in this text, constitute provisions of the present document.

- References are either specific (identified by date of publication, edition number, version number, etc.) or non‑specific.

- For a specific reference, subsequent revisions do not apply.

- For a non-specific reference, the latest version applies. In the case of a reference to a 3GPP document (including a GSM document), a non-specific reference implicitly refers to the latest version of that document *in the same Release as the present document*.

[1] 3GPP TR 21.905: "Vocabulary for 3GPP Specifications".

[2] 3GPP TR 38.869: "Study on low-power Wake-up Signal and Receiver for NR".

[3] 3GPP TS 38.101-1: "NR; User Equipment (UE) radio transmission and reception; Part 1: Range 1 Standalone".

[4] 3GPP TS 38.101-2: "NR; User Equipment (UE) radio transmission and reception; Part 2: Range 2 Standalone"

[5] 3GPP TS 38.104: “NR; Base Station (BS) radio transmission and reception”.

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6 Simulation assumptions and evaluation

6.1 Performance metric

*<Editor’s note: performance metric to specify RF requirements. >*

For RF requirements and conformance testing, the performance metric is 1% MDR. Meanwhile, the FAR assumption for MDR evaluation is </=1%.

6.2 Simulation assumption

*<Editor’s note: aligned simulation assumptions for evaluation. >*

6.2.1 General

To evaluate the RF performance of LP-WUS/WUR, the link level simulation is performed in this WI. This clause captures the simulation assumption for LP-WUS UE RF and BS RF analysis.

6.2.2 Simulation parameters

**<End of Text Proposal>**