3GPP TSG RAN WG4 Meeting #106bis-e R4-2306618

Online, April 17 – April 26, 2023

**Title: Reply LS to RAN1 on low-power wake-up receiver architectures**

**Release: Rel-18**

**Work Item: FS\_NR\_LPWUS**

**Source: RAN4**

**To: RAN1**

**Cc:**

**Contact person: Ruixin Wang**

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

**Attachments:** **None**

# 1 Overall description

In this meeting, to evaluate the RF impacts of LP-WUR architecture, RAN4 reach further agreements on framework and selected scenarios for next-step RF evaluation.

RAN4 has the following question:

* Whether the case when the WUS/WUR is same as NR channel bandwidth, e.g. 5MHz WUS within 5MHz NR CBW (Max 25 RBs/15kHz SCS), is considered for LP-WUS/WUR evaluation.

# 2 Actions

**To** **RAN1:**

**ACTION:** 3GPP RAN4 respectfully asks RAN1 to take the above feedback into account.

# 3 Dates of next TSG-RAN WG4 meetings

TSG-RAN WG4 Meeting #107 22-26 May, 2023 Incheon, KR

TSG-RAN WG4 Meeting #108 21-25 August, 2023 Toulouse, FR