**3GPP TSG-RAN WG2 Meeting #131 R2-250xxxx**

**Bengaluru, India, 25 - 29 August 2025**

**Title:** Draft LS on not supporting simultaneous LR and MR operation

**Release:** Rel-19

**Work Item:** NR\_LPWUS-Core

**Source:** Apple (to be RAN2)

**To:** RAN1

**Cc:** RAN4

**Contact person:** Fangli XU, fangli\_xu@apple.com

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

**Attachments:** None

# 1 Overall description

In RAN2#131 meeting, RAN2 discussed the support of LP-WUS with dual DRX group in CA and the RAN1 agreement on not supporting simultanous LR and MR operation, and made the following agreements:

* LP-WUS can be configured on the PCell with secondary DRX. LP-WUS with secondary DRX is supported with option 1-1 and 1-2, i.e. the UE monitors LP-WUS before the on-duration occasion or periodically outside ActiveTime. When LP-WUS is detected, then UE starts the drx-onDurationTimer (with option 1-1) or the lpwus-PDCCHMonitoringTimer (with option 1-2) in both DRX groups.
* If secondary DRX group is configured, UE monitors LP-WUS only when both DRX groups are not in DRX active time.
* If secondary DRX group is configured, the lpwus-PDCCH-MonitoringTimer configuration for secondary DRX group is different from that for the default DRX group.
* The lpwus-PDCCH-MonitoringTimer configuration for secondary DRX group is smaller than or equal to that for the default DRX group.
* RAN2 understand that the RAN1 agreement on not supporting simultaneous LR and MR operation is only applicable within one cell group (with or without secondary DRX group configuration).

# 2 Actions

**To RAN1:**

**ACTION:** RAN WG2 respectfully asks RAN WG1 to take the above agreements into account in their future work.

# 3 Dates of next TSG-RAN WG2 meetings

TSG-RAN WG2 Meeting #131bis October 13 – October 17, 2025 Prague, CZ

TSG-RAN WG2 Meeting #132 November 17 – November 21, 2025 Dallas, US