**3GPP TSG RAN WG2 Meeting #131bis R2-250xxxx
Prague, Czech Republic, 13 – 17 October 2025**

**Agenda item: 8.4.1**

**Source: Apple (Rapporteur)**

**Title: Open issues on Rel-19 LPWUS 38.321 CR**

**WID/SID: NR\_LPWUS-Core – Release 19**

**Document for: Discussion and Decision**

# 1 Introduction

As part of email discussion [Post131][213][LPWUS] CR for TS 38.321 (Apple)”, this document is to **collect open issues on Rel-19 LPWUS 38.321 CR (R2-2506613)**.

Companies are invited to provide input no later than **Friday September 19 18:00 UTC**.

## Contact information:

|  |  |  |
| --- | --- | --- |
| Company | Delegate Name | Email |
| Apple | Fangli XU | fangli\_xu@apple.com |
| Ericsson | Martin van der Zee | martin.van.der.zee@ericsson.com |
| OPPO | Haocheng Wang | wanghaocheng1@oppo.com |

# 2 Discussion

Rapporteur has not identified open issues related to Rel-19 LPWUS 38.321 CR. Companies are invited to describe any identified open issues in the table below.

|  |  |  |
| --- | --- | --- |
| **Company+issue #****(e.g. Apple 001)** | **Description of open issues and potential resolution** | **Rapporteur comment** |
| Eri-001 | RAN2 agreed:* For Option 1-2, UE does not start the lpwus-PDCCH-MonitoringTimer in collision cases, i.e. when the UE is not able to monitor the LP-WUS occasion(s). Can discuss if critical issue identified with this mechanism.

For certain configurations, where the LP-WUS monitoring occasions are sparse, e.g. smaller equal to the C-DRX cycle length, the UE becomes “temporarily” unreachable when it misses 2 or 3 consecutive LP-WUS occasions.The NW should be allowed to configure the number of consecutive LOs the UE is allowed to miss due to collisions before the UE needs to start the timer. |  |
| OPPO-001 | For a UE configured with both secondary DRX group and LP-WUS option 1-1 on PCell, there may be a case that primary DRX group is in short DRX cycle and secondary DRX group is in long DRX cycle. It is unclear whether UE monitors LP-WUS in this case. We need to discuss and clarify the UE behaviors. |  |
|  |  |  |
|  |  |  |
|  |  |  |

# 3 Conclusion

In this contribution, we collect open issues of Rel-19 LPWUS 38.321 CR. Based on above discussion, following open issues are identified: