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

**Agenda item: 8.17**

**Source: Xiaomi**

**Title: Open issues on Rel-19 IoT NTN TDD 36.304 CR**

**Document for: Discussion and Decision**

# 1 Introduction

This paper is to discuss the identified open issues for the agreed 36.304 CR (R2-2506542) for Rel-19 IoT NTN TDD.

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

## Contact information:

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| --- | --- | --- |
| Company | Delegate Name | Email |
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# 2 Discussion

Rapporteur has so far not identified open issues related to Rel-19 IoT NTN TDD 36.304 CR. Companies are invited to describe any identified open issues in the table below.

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| --- | --- | --- |
| **Company** | **Description of open issues and potential resolution** | **Rapporteur comment** |
| Qualcomm | A NB-IoT NTN cell operating in TDD mode may need to be deprioritized as there may be NB-IoT cells operating in normal FDD mode. As NB-IoT does not support frequency priority, the UE may select TDD mode cell over FDD cell. As we see there is a chance that UE capable of both normal mode and TDD mode is camping on normal TN cell and the neighbor cell list includes both normal TN neighbor cell frequency and NB-IoT TDD mode cell frequency, then it may be possible that UE finds the NB-IoT TDD as better ranked neighbor cell. We think the cleaner solution would be to have a new list of NB-IoT neighbor cells operating in TDD mode. However, RAN2 made following decision in RAN2#131 meeting.* *No need to introduce a new list of neighbour cells operating in TDD mode in Rel-19*

Therefore, we suggest either to revisit the last agreement or clarify that it is up to UE whether to perform TDD mode neighbor cell measurements when performing normal mode neighbor cell measurements. |  |
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# 3 Conclusion

Based on above discussion, following open issues are identified: