3GPP RAN WG2 Meeting #131-bis R2-25xxxxx

Prague, Czech, Oct 13th – 17th, 2025

Agenda Item: 8.9.1

Source: MediaTek. Inc

Title: Remaining MAC CR open issues in Rel-19 IoT NTN

Document for: Discussion, Decision

# Introduction

This paper is to discuss the identified open issues for the agreed MAC CR[1] in Rel-19 IoT NTN.

Companies are invited to provide feedback on open issue list by: Sep 30th 10:00 UTC

# Discusson

As far as the rapporteur is aware, the identified MAC CR open issues 1-20[2][3] from the previous disuccsion have all been addressed. There are currently no open issues for MAC CR.

Companies are invited to describe any other identified open issues regarding the agreed MAC CR. If the issue is straightforward, please suggest a solution; otherwise, provide possible solutions for further discussion.

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| **Company** | **Other identified open issues? (please describe)** | **Solutions** |
| Qualcomm | We suggest to prioritize CB-Msg3 EDT data over TA report MAC CE.  See example how we did it for DCQR. Its same for CQI report to be included in CB-Msg3 EDT for anchor carrier. | For the Logical Channel Prioritization procedure, the MAC entity shall take into account the following relative priority in decreasing order:  - MAC control element for C-RNTI or data from UL-CCCH;  - MAC control element for DPR;  - MAC control element for SPS confirmation;  - MAC control element for AUL confirmation;  - MAC control element for Timing Advance Report with exception of when Timing Advance Report is to be included in CB-Msg3 EDT;  - MAC control element for GNSS Validity Duration Report;  - MAC control element for BSR, with exception of BSR included for padding;  - MAC control element for PHR, Extended PHR, or Dual Connectivity PHR;  - MAC control element for Sidelink BSR, with exception of Sidelink BSR included for padding;  - MAC control element for DCQR and AS RAI, with exception of when DCQR is to be included in Msg3;  - data from any Logical Channel, except data from UL-CCCH;  - MAC control element for Timing Advance Report when Timing Advance Report is to be included in CB-Msg3 EDT;  - MAC control element for DCQR and AS RAI, when DCQR is to be included in Msg3;  - MAC control element for Recommended bit rate query;  - MAC control element for BSR included for padding;  - MAC control element for Sidelink BSR included for padding. |
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# Conclusions

[Proposals for easy agreement]

[Proposals for discussion]

[Proposal for open issue]

# Reference

[1] R2-2506493 Introduction of IoT NTN enhancements phase 3 MediaTek Inc. CR Rel-19 36.321 18.4.0 1591 1 B IoT\_NTN\_Ph3-Core

[2] R2-2504526 Remaining MAC open issues in IoT NTN MediaTek Inc. discussion Rel-19 IoT\_NTN\_Ph3-Core

[3] R2-2505555 Remaining MAC open issues in IoT NTN MediaTek Inc. discussion Rel-19 IoT\_NTN\_Ph3-Core