3GPP TSG-RAN WG1 Meeting #104bis-e R1-21xxxxx

e-Meeting, 12th – 20th April 2021

Agenda Item: 6.2.1

Source: Moderator (Ericsson)

Title: FL summary for Multi-TB and PUR issues for Rel-16 LTE-MTC

Document for: Discussion, Decision

# 1 Introduction

This document provides a summary of the following RAN1 email discussion.

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| [104b-e-LTE-eMTC5-02] Multi-TB and PUR issues – Johan (Ericsson)   * Issue #1: Correction of PUCCH transmit power control for multi-TB scheduling ([R1-2102848](https://www.3gpp.org/ftp/tsg_ran/WG1_RL1/TSGR1_104b-e/Docs/R1-2102848.zip)) * Issue #2: Correction of bundling parameter for multi-TB scheduling ([R1-2102849](https://www.3gpp.org/ftp/tsg_ran/WG1_RL1/TSGR1_104b-e/Docs/R1-2102849.zip)) * Issue #3: Clarification of PUSCH PRB resources for PUR ([R1-2103721](https://www.3gpp.org/ftp/tsg_ran/WG1_RL1/TSGR1_104b-e/Docs/R1-2103721.zip)) * Discussion and decision by April 15, TPs by April 20 |

# Issue #1: Correction of PUCCH transmit power control for multi-TB scheduling

Contribution [1] proposes to clarify that the PUCCH transmit power is the same for all PUCCH transmissions corresponding to TBs scheduled by the same DCI.

**Question 1-1: Companies are invited to comment below on the 36.213 TP in [1] for correction of PUCCH transmit power control for multi-TB scheduling.**

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| **Company** | **Comments** |
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# Issue #2: Correction of bundling parameter for multi-TB scheduling

Contribution [2] proposes to change the parameter name *multi-TB-DL-HARQ-bundling* to *harq-AckBundling* in one place in 36.212 in order to align with 36.331.

**Question 2-1: Companies are invited to comment below on the 36.212 TP in [2] for correction of bundling parameter for multi-TB scheduling.**

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| **Company** | **Comments** |
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# Issue #3: Clarification of PUSCH PRB resources for PUR

Contribution [3] proposes to clarify how to obtain the PUSCH PRB resource configuration for PUR.

**Question 3-1: Companies are invited to comment below on the 36.211 TP in [3] for clarification of PUSCH PRB resources for PUR.**

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| **Company** | **Comments** |
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# References

1. [R1-2102848](https://www.3gpp.org/ftp/tsg_ran/WG1_RL1/TSGR1_104b-e/Docs/R1-2102848.zip), “Correction on PUCCH transmit power control for LTE-M”, ZTE, Sanechips

1. [R1-2102849](https://www.3gpp.org/ftp/tsg_ran/WG1_RL1/TSGR1_104b-e/Docs/R1-2102849.zip), “Correction on bundling parameter for multi-TB scheduling for LTE-M”, ZTE, Sanechips

1. [R1-2103721](https://www.3gpp.org/ftp/tsg_ran/WG1_RL1/TSGR1_104b-e/Docs/R1-2103721.zip), “PUR maintenance issues for Rel-16 LTE-MTC”, Ericsson