3GPP TSG-RAN WG2 Meeting #113 electronic R2-21xxxxx

Online, Jan 25 – Feb 5, 2021

Agenda Item: 6.4.3

Source: vivo

Title: Summary of [AT113-e][713][V2X/SL] TX resource (re)selection w/ HARQ feedback consideration (vivo)

Document for: Discussion, Decision

# Introduction

This is for the following email discussion.

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| * [AT113-e][713][V2X/SL] TX resource (re)selection w/ HARQ feedback consideration (vivo)   **Scope:** discuss what the problem is to reflect RAN1 decision and how to specify it (if no problem). Includes both single-shot case and multi-shots case. R2-2102260 CR can be baseline.  **Intended outcome:** agreeable 38.321 CR in R2-2102192 and discussion summary in R2-2102193 (if needed). CR will be approved by email.  **Deadline:** Feb 04 0430 (UTC) |

# Discussion

For Phase-2 discussion, the following options are identified:

* Option 1: Keep the current specification and send a LS to RAN1 to explain why we are not capturing their agreement in MAC. Proposed CR in R2-2102260 is not pursued.
* Option 2: Agree “in case that sl-HARQ-FeedbackEnabled has been set to enabled for the logical channel“ for both single MAC PDU and multiple MAC PDUs, and change the existing LCP to avoid mapping any HARQ enabled logical channel to a SL grant which does not meet the minimum time gap, in order to close this issue at this meeting (i.e. no FFS left).
* Option 3: Agree “in case that sl-HARQ-FeedbackEnabled has been set to enabled for the logical channel“ for both single MAC PDU and multiple MAC PDUs, without changing the existing LCP, the consequence would be if any HARQ enabled logical channel is mapped to a SL grant which does not meet the minimum time gap,  related transmissions would be dropped. And this issue is closed.

**Q1: Companies are encouraged to show your positions about the WF. If you agree with the intention of option-2/3 but are worried about the CR wording, you can choose option2/3 and comment on draft CR.**

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| *Option* | *Supported company* |
| Option-1 |  |
| Option-2 |  |
| Option-3 | vivo |

**Q2: For companies select option 2/3, please review the draft CR to see if it is acceptable. (for option-2, the change on LCP can be further discussed)**

## Summary

# Conclusion

We have the following proposals

[Proposal 1 xxx.](#_Toc62216175)

# Reference

1. R2-2010950, [AT112-e][713][V2X] MAC corrections, LG Electronics Inc. (Rapporteur), 3GPP TSG-RAN WG2 #112-e, Electronics, 2– 13 November, 2020
2. R2-2010491, Correction on resource re-selection, vivo, 3GPP TSG-RAN WG2 Meeting #112 electronic, Online, November 2nd - 13th, 2020
3. R2-2100791, Left issues on TX resource (re-)selection, vivo, OPPO, Apple, 3GPP TSG-RAN WG2 Meeting #113-e, E-Meeting, 25th January - 5th February 2020
4. R2-2102260, Correction on resource re-selection, vivo, 3GPP TSG-RAN WG2 Meeting #113-e, E-Meeting, 25th January - 5th February 2020

# Contact

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