**3GPP TSG-RAN WG1 Meeting #105-e R1-2104754**

**e-Meeting, May 10 – 27, 2021**

**Title:** [Draft] Reply LS R16 V2X for PUCCH reporting and for minimum time gap

**Response to:** R2-2104475

**Release:** Rel-16

**Work Item:** 5G\_V2X\_NRSL

**Source:** OPPO [to be RAN1]

**To:** RAN2

**Cc:** -

**Contact Person:**

#### Name: Kevin Lin

**Tel. Number:**

E-mail Address: Kevin.Lin@oppo.com

**Send any reply LS to: 3GPP Liaisons Coordinator,** [**mailto:3GPPLiaison@etsi.org**](mailto:3GPPLiaison@etsi.org)

**Attachments:** None

**1. Overall Description:**

RAN1 thank RAN2’s LS in R2-2104475 (R1-2104559) and would like to provide our response to the following question from RAN2.

|  |
| --- |
| 5.22.1.2 TX resource (re-)selection check  […]  1> if retransmission of a MAC PDU on the selected sidelink grant has been dropped by either sidelink congestion control as specified in clause 8.1.6 of TS 38.214 or de-prioritization as specified in clause 16.2.4 of TS 38.213 [6], clause 5.4.2.2 of TS 36.321 [22] and clause 5.4.2.2:  2> remove the resource(s) from the selected sidelink grant associated to the Sidelink process, if the resource(s) of the selected sidelink grant is indicated for re-evaluation or pre-emption by the physical layer;  2> randomly select the time and frequency resource from the resources indicated by the physical layer as specified in clause 8.1.4 of TS 38.214 [7] for either the removed resource or the dropped resource, according to the amount of selected frequency resources, the selected number of HARQ retransmissions and the remaining PDB of either SL data available in the logical channel(s) by ensuring the minimum time gap between any two selected resources of the selected sidelink grant in case that PSFCH is configured for this pool of resources, and that a resource can be indicated by the time resource assignment of a SCI for a retransmission according to clause 8.3.1.1 of TS 38.212 [9]; |

**Q2**: RAN2 respectfully requests RAN1 to provide feedback in case of any concern on the MAC specification above.

**Answer**: RAN1 confirms that current MAC specification is not aligned with a prior RAN1 agreement. However, after intensive discussion, RAN1 has no consensus in terms of a subsequent action (e.g., to revert the prior RAN1 agreement, or to request RAN2 to update MAC specification), and in terms of any concern on the MAC specification above.

**2. Actions:**

**To RAN2 group**

RAN1 respectfully requests RAN2 to take the above response into account in the future work.

**3. Date of Next TSG-RAN1 Meetings:**

RAN1#106-e 16-27 August 2021 E-Meeting

RAN1#106b-e 11-19 October 2021 E-Meeting