**3GPP TSG RAN WG1 Meeting #108-e R1-2202730**

**e-Meeting, February 21st – March 3rd, 2022**

**Title:** Draft Reply LS on Intra UE Prioritization Scenario

**Response to:**  R2-2008599, R2-2106746

**Release:** Release 16

**Work Item:** NR\_IIOT-Core

**Source:** Moderator, vivo [To be TSG RAN WG1]

**To:** TSG RAN WG2

**Cc:**

**Contact Person:**

#### Name: Lihui Wang

E-mail Address: wanglihui@vivo.com

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

**Attachments:** -

**1. Overall Description:**

RAN1 would like to thank RAN2 for the LS in R2-2008599 on the intended PHY behavior for the collision scenario between CG and DG with same/different PHY-priority index, and the LS in R2-2106746 on overlapped data and SR are of equal L1 priority.

In RAN1#107-e meeting, RAN1 has concluded that when *lch-basedPrioritization* is configured, Rel-16 UL skipping cannot be enabled in Rel-16. Based on this conclusion, RAN1 had a discussion and would like to inform RAN2 following:

When the MAC entity is configured with *lch-basedPrioritization*, for all the collision scenario between CG and DG with same/different PHY-priority index, the behavior described in the LS R2-2008599 is consistent with RAN1’s understanding for Rel-16.

When the MAC entity is configured with *lch-basedPrioritization*, and the overlapping data and SR are of equal L1 priority (R2-2106746), RAN1 confirm RAN2’s WA that the MAC entity does not generate a MAC PDU for a deprioritized uplink grant even when its associated PUSCH is overlapping with PUCCH.

**2. Actions:**

**To RAN2 group.**

**ACTION:** RAN1 respectfully asks RAN2 to take the above into account.

**3. Date of Next TSG-RAN WG1 Meetings:**

TSG RAN WG1 Meeting #109-e May 16th – 27th, 2022 e-meeting

TSG RAN WG1 Meeting #110 August 22nd – 26th, 2022 Toulouse