**3GPP TSG-RAN WG2 Meeting #109-bis electronic R2-200xxxx**

**20 – 30 April 2020**

**Title: Draft LS to RAN1 to check the view on sidelink**

**Response to: -**

**Release: Rel-16**

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

**Source: Huawei [to be RAN2]**

**To: RAN1**

**Cc:**

**Contact Person:**

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**Attachments:** **none**

**1. Overall Description:**

1. RAN2 had reached the agreement that “*Keep the parameters sl-NrOfHARQ-Processes-r16 and sl-HARQ-ProcID-offset-r16 in TS 38.331. Remove directly the related Editor’s Note in SL-ConfiguredGrantConfig. How the two parameters are used is further discussed in MAC*”. RAN2 would like to enquire RAN1 whether the IIoT equation for HARQ process ID calculation, in the case of multiple configured grant, can be used for NR SL:

HARQ Process ID = [floor (CURRENT\_slot / *periodicity*)] modulo *nrofHARQ-Processes* + *harq-ProcID-Offset*

1. Regarding the parameters *sl-MinMCS-PSSCH* and *sl-MaxMCS-PSSCH* included in *sl-ScheduledConfig* in TS 38.331, V16.0.0 (corresponding to *minMcs-Mode1* and *maxMcs-Mode1* in R1-2001478), RAN2 made the assumption that “*only one MCS range is configured applying to both dynamic grant and configured grant type 1/2; no configured grant type 1/2 specific MCS range is further needed”.*
2. Regarding the parameter *sl-PSFCH-RB-Set* in TS 38.331, V16.0,0 (corresponding to *rbSetPSFCH* in R1-2001478), RAN2 agreed that “The leftmost bit indicated by the bitmap refers to the lowest RB index in the resource pool.” which is to be captured in the field description of *sl-PSFCH-RB-Set*.

**2. Actions:**

**To RAN1**

**ACTIONS:**

1) RAN2 respectfully asks RAN1 to indicate whether the IIoT equation in point 1 above can be used for NR sidelink.

2) RAN2 respectfully asks RAN1 to take points 2 and 3 above into account and provide feedback, if any.

**3. Date of Next TSG-RAN WG2 Meetings:**

TSG-RAN WG2 Meeting #110 25 – 29 May 2020 Electronic

TSG-RAN WG2 Meeting #111 24 – 28 August 2020 Toulouse, France