**3GPP TSG RAN WG1#110 R1-22xxxxx**

**Toulouse, France, August 22nd – 26th, 2022**

**Title:** DRAFT LS to RAN2 on RRC parameter impact for NR up to 71GHz

**Release:** 17

**Work Item:** NR\_ext\_to\_71GHz-Core

**Source:** Moderator (vivo) [RAN1]

**To:** TSG RAN WG2

**Cc:**

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# 1 Overall description

In RAN1 #110, RAN1 reached the following agreements with RRC parameter impact

Agreement

Support the value range of *reportSlotOffsetList-r17*, *reportSlotOffsetListDCI-0-1-r17* and *reportSlotOffsetListDCI-0-2-r17* for 480kHz and 960kHz SCS to INTEGER (0..128).

* Send an LS to RAN2

Agreement

Send an LS to RAN2 to request that 38.331 captures the following: If *duration-r17* is absent, the UE assumes the duration in slots is equal to L (where L is the configured length of the bitmap *monitoringSlotsWithinSlotGroup-r17*).

An example of expected changes corresponding to the second agreement is provided in Appendix for reference.

# 2 Actions

**To TSG RAN2**

**ACTION:** RAN1 respectfully asks RAN2 to consider the above agreement and capture it in RAN2 spec.

# 3 Dates of next TSG RAN WG1 meetings

TSG RAN WG1 Meeting #110-bis-e 10 - 19 October 2022 Online

TSG RAN WG1 Meeting #111 14 - 18 November 2022 Europe

# Appendix: Example change to TS 38.331

**6.3.2 Radio resource control information elements**

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| ***duration***  Number of consecutive slots that a SearchSpace lasts in every occasion, i.e., upon every period as given in the *periodicityAndOffset*. If the field is absent, the UE applies the value 1 slot, except for DCI format 2\_0. The UE ignores this field for DCI format 2\_0. The maximum valid duration is periodicity-1 (periodicity as given in the *monitoringSlotPeriodicityAndOffset*).  For SCS 480 kHz and SCS 960 kHz, duration-r17 is used, and the configured duration is restricted to be an integer multiple of L slots and smaller than periodicity, where L is the configured length of the bitmap *monitoringSlotsWithinSlotGroup-r17*. If *duration-r17* is absent, the UE assumes the duration in slots is equal to L. The maximum valid duration is periodicity-L.  For IAB-MT, duration indicates number of consecutive slots that a SearchSpace lasts in every occasion, i.e., upon every period as given in the *periodicityAndOffset*. If the field is absent, the IAB-MT applies the value 1 slot, except for DCI format 2\_0 and DCI format 2\_5. The IAB-MT ignores this field for DCI format 2\_0 and DCI format 2\_5. The maximum valid duration is periodicity-1 (periodicity as given in the *monitoringSlotPeriodicityAndOffset*). |