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

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

**Title: [DRAFT]** Reply LS on clarification of RACH prioritisation rules between LTE and NR-U

**Release:** Rel-17

**Work Item:** NR\_RRM\_enh2-Core

**Source:** Moderator (Ericsson) (->TSG RAN WG1)

**To:** TSG RAN WG4

**CC:** TSG RAN WG2

**Contact person:** Stephen Grant

stephen.grant@ericsson.com

1 Overall description

RAN1 would like to thank RAN4 for the LS in R4-2211170 in which the following question is asked:

**Question:** Can RAN1 please confirm whether RAN4 working assumption for collision of LTE RACH and NR-U RACH is in line with RAN1 spec? In other words, does the existing prioritization rules between LTE and NR RACH collision are applicable for NR-U and LTE RACH collision?

RAN1 has discussed the above questions and would like to provide the following responses:

* RAN1 confirms that RAN4’s working assumption for collision of LTE RACH and NR-U RACH is in line with RAN1 spec which is described in section 7.6.1 of TS 38.213 for the case when the sum of the configured power on the LTE and NR legs is greater than the configured maximum transmission power for EN-DC.
* The existing prioritization rules for LTE and NR transmission collision are also applicable for NR-U and LTE RACH collision.

2 Actions

**To TSG RAN WG4**

**ACTION:** RAN1 kindly asks RAN4 to take the above responses into account in their further work.

3 Dates of next TSG RAN WG1 meetings

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

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