3GPP TSG-RAN WG2 Meeting #123bis R2-23xxxxx

Xiamen, China, 9 - 13 October, 2023

**Title: Reply LS on RACH enhancement**

**Response to: R2-2309437/R3-234643**

**Release: Release 18**

**Work Item: NR\_ENDC\_SON\_MDT\_enh2-Core**

Source: RAN2

**To: RAN3**

**Cc: -**

**Contact person: XieFang**

**xiefang@chinamobile.com**

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

**Attachments:** **None**

# 1 Overall description

RAN2 thanks RAN3 for the LS on RACH optimization.

RAN2 has discussed the pros and cons of the three alternatives. RAN2 agreed that all the three alternatives are feasible, and RAN2 prefers following Alt2:

**Alt2:** Enable the addition in the RA Report of RACH partition configuration information. This information consists of the start preamble index and the number of preambles in the partition for which the RA Report was generated. This enables the NG-RAN to determine the RACH partition in use.

# 2 Actions

**To RAN3**

**ACTION:** RAN2 kindly asks RAN3 to take the above feedback into account for the further work.

# 3 Dates of next RAN2 meetings

Updated meeting schedule can be found at: [https://portal.3gpp.org/?tbid=373&SubTB=380#/](https://portal.3gpp.org/?tbid=373&SubTB=381#/)

RAN2#124 2023-11-13 - 2023-11-17 Chicago , US

RAN2#125 2024-02-26 - 2024-03-01 Athens , GR