3GPP TSG-RAN WG4 Meeting #109 R4-2319733

Chicago, US, 13th- 17th, Nov, 2023

**Title:** LS on lower MSD capability

**Response to:**

**Release:** Rel-18

**Work Item:** NR\_ENDC\_RF\_FR1\_enh2

**Source:** RAN4

**To:** RAN2

**Cc:**

**Contact Person:**

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

**Attachments**: N/A

**1. Overall Description:**

After sending the LS on lower MSD to RAN2 in R4-2310276, RAN4 further discussed the MSD capability for different power class, and would like to update the previous agreement as below:

* **MSD for different power classes**

- UE reports the lower MSD capability class per MSD type for the highest supported power class for the band combination

- If one or multiple power classes are requested by the network, the UE can, if supported, report [*lowerMSD-r18*] capability for the requested power class(es); otherwise, the UE shall report [*lowerMSD-r18*] capability for the highest supported power class.

**2. Actions:**

**To RAN2:**

**ACTION:** RAN4 respectfully asks RAN2 to take the above information into consideration.

**3. Date of Next TSG WG RAN4 Meetings:**

TSG-RAN WG4 Meeting #110 26Feb – 01 Mar, 2024 Athens, Greece

TSG-RAN WG4 Meeting #110bis 15– 19 Apr, 2024 China