**3GPP TSG-RAN WG2 Meeting #123bis DRAFT R2-230xxxx**

**Xiamen, China, 09 – 13 October 2023**

**Title: [DRAFT]** ReplyLS on delta power class

**Response to:** R2-2309468 / R4-2314728

**Release:** Release 18

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

**Source:** Nokia [TSG RAN WG2]

**To:** TSG RAN WG4

**Cc:** TSG RAN WG1

**Contact Person:**

#### Name: Samuli Turtinen

E-mail Address: samuli.turtinen@nokia.com

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

**Attachments:** -

**1. Overall Description:**

RAN2 discussed the RAN4 LS R2-2309468 about enhancements to realize increasing UE power high limit for CA and DC and concluded that more detailed information is required to be able to design the signaling to support delta power class reporting appropriately.

Hence, RAN2 would like to respectfully ask the following questions from RAN4:

* **Q1**: What exact information is required to be reported by the UE (ie., how many bits are required to support the reporting of this information)?
* **Q2**: What is the granularity of the information to be reported (e.g., per UE / per cell / other option)?
* **Q3**: Will RAN4 specification(s) specify the triggering condition(s) when this reporting should be performed by the UE, to which RAN2 specification(s) could then refer to when writing the reporting procedure?

RAN2 would also like to point out that the next RAN2#124 meeting is the last RAN2 meeting for Rel-18 and would respect any early actions wrt. these questions.

**2. Actions:**

**To RAN4 group.**

**ACTION:** RAN2 respectfully asks RAN4 to respond to the above questions and provide any other information that they consider appropriate for RAN2 to design the signalling support of delta power class reporting. RAN2 would also respect as early response to the questions asked as possible due to the next RAN2#124 meeting being the last RAN2 meeting for Rel-18.

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

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