3GPP TSG RAN WG1 #105-e R1-2106108

e-Meeting, May 19 - 27, 2021

**Title:** Reply LS on RI bit width for Cat5 UE in EN-DC mode

**Response to:** [R1-2104161/R2-2104583](https://www.3gpp.org/ftp/tsg_ran/WG1_RL1/TSGR1_105-e/Docs/R1-2104161.zip)

**Release:** Release 15

**Work Item:** NR\_NewRAT-Core

**Source:** RAN1

**To:** RAN2

**Cc:**

**Contact Person:**

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

**Attachments:** -

**1. Overall Description:**

RAN1 would like to thank RAN2 of the LS on RI bit width for Cat5 UE in EN-DC mode [[R1-2104161/R2-2104583](https://www.3gpp.org/ftp/tsg_ran/WG1_RL1/TSGR1_105-e/Docs/R1-2104161.zip)].

RAN1 would like to confirm the RAN2 interpretation that:

“*the RI bit width for a Cat5 UE is NOT affected by the number of MIMO layers it supports in EN-DC mode but only by the network configuration parameter maxLayersMIMO-r10, PBCH antenna ports and the UE category (without suffix), as in the legacy LTE*.”

**2. Actions:**

**To RAN2 group.**

**ACTION:** RAN1 respectfully asks RAN2 to take the above response into account in their further work.

**3. Dates of Next TSG-RAN WG1 Meetings:**

RAN1#106-e 16 – 27 August 2021 e-Meeting

RAN1#106bis-e 11 – 19 October 2021 e-Meeting

RAN1#107-e 11 – 19 November 2021 e-Meeting