**3GPP TSG-RAN** **WG2 Meeting #116bis-e R2-220xxxx**

**Online, January 17 – January 25, 2022**

**Title:** LS on Enhanced TCI state indication for UE-specific PDCCH MAC CE

**Response to:** -

**Release:** Rel-17

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

**Source:** RAN2

**To:** RAN1

**Cc:**

**Contact Person:**

**Name:** Seungri Jin

**E-mail Address:** seungri.jin@samsung.com

# **1. Overall Description**

RAN2 agreed to introduce the new “Enhanced TCI state indication for UE-specific PDCCH MAC CE” for activating two TCI states for SFN-based PDCCH transmission.

Legacy “TCI state indication for UE-specific PDCCH MAC CE” is applicable to a CORESET zero, but RAN2 think whether the Enhanced TCI state indication for UE specific PDCCH MAC CE can be applied to CORESET zero is up to RAN1 decision.

**Question: RAN2 would like to ask whether “Enhanced TCI state indication for UE specific PDCCH MAC CE” can be applied to CORESET zero or not.**

**2. Actions:**

RAN2 respectfully asks RAN1 to provide response to above question.

**3. Date of Next RAN2 Meetings:**

TSG-RAN WG1 Meeting #117-e 21 February - 3 March 2022 Electronic

ASN1 review 20 – 22 April 2022 Electronic

TSG-RAN WG1 Meeting #118-e 16 – 27 May 2022 Electronic