3GPP TSG-RAN WG2 #117 R2-2203803

eMeeting, 21st February - 3rd March, 2022

**Title:** **[**Draft] LS on TCI state indication

**Response to:**

**Release:** Rel-17

**Work Item:** LTE\_NR\_DC\_enh2

**Source:** MediaTek [to be RAN2]

**To:** RAN4

**Cc:**

**Contact Person:**

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**1. Overall Description**

RAN2 would like to inform RAN4 that RAN2 has agreed to add TCI state information in NR RRC IE ServingCellConfig (to support also TCI state indication with direct SCell activation).

The TCI state information could be used for PSCell activation/de-activation mechanism as described in LS R2-2201711. In addition to that, it can also be used for direct SCell activation as requested by RAN4 in LS R4-2017329 [2]. RAN2 understands whether to define requirements for this is up to RAN4.

**2. Actions:**

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

**3. References:**

[1] R2-2201711, “LS on efficient activation/de-activation mechanism for one SCG”, RAN2

[2] R2-2100058 / R4-2017329, “LS on TCI state indication at Direct SCell activation”, RAN4

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

RAN2#118-e, eMeeting, 16-27 May. 2022

RAN2#119-e, Toulouse, 22-26 Aug. 2022