**3GPP T****SG-RAN WG2 Meeting #118-e R2-220xxxx**

**e-Meeting, May 09- 20 2022**

**Title:** LS on eMIMO features defined in different granularity with prerequisite

**Response to:**

**Release:** Rel-16

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

**Source:** RAN2

**To:** RAN1

**CC:**

**Contact Person:**

**Name:** Tong Sha

**Tel. Number:**

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

**Attachments:** R2-220xxxx.zip, R2-220xxx.zip

**1. Overall Description:**

According to the Rel-16 RAN1 feature group, there are some eMIMO features defined in different granularity with their prerequisite(s). For example, FG 16-2a-0(per band level), FG 16-2a-4(perUE level) and FG 16-2a-10(perBC level) have prerequisite of FG 16-2a (per FSPC level). FG 16-2b-1a/16-2b-1b (per band level) have prerequisite of FG 16-2b-1(perFS level).

RAN2 understands for the features with prerequisite in a finer granularity, UE shall indicate support of the prerequisite for at least one band/component carrier in at least one band combination. Besides, the features are only applicable/can be supported for the band/component carrier where the prerequisite is supported. The endorsed TS38.306 CRs are provided in the attachment R2-220xxxx/R2-220xxxx.

RAN2 respectively asks RAN1 to confirm whether the understanding above is correct.

**2. Actions:**

**To: RAN1**

**ACTION:**

RAN2 kindly asks RAN1 to take the above information into account and provide the feedback for the questions above.

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

RAN2#119e 15 - 26 August 2022 Online

RAN2#119bis-e 10 - 19 October 2022 Online