3GPP TSG-RAN WG2 Meeting #131 R2-xxxx

Bengaluru, India, 25th – 29th August, 2025

**Title: LS to RAN4 on Type 4 for non-collocated deployment**

**Response to: LS R4-2505161 on LS to RAN4 on Type 4 for non-collocated deployment from RAN4**

**Release: Rel-19**

**Work Item: NonCol\_intraB\_ENDC\_NR\_CA\_Ph2-Core**

**Source: TSG RAN WG2**

**To: TSG RAN WG4**

**Cc:**

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

**Attachments:** none

# 1 Overall description

Based on RAN4’s request, RAN2 has designed new BS signaling and new UE capability parameters for Type 4 UE in both NR-CA and EN-DC scenarios.

RAN2 discussed whether a UE is allowed to indicate support for Type 4 requirements in a superset band combination or only in the exact band combination where the type4 requirement is supported. RAN2 understands that UE is allowed to indicate support for type 4 requirement in a superset band combination (e.g., DC\_42A\_77C). In this case, the type4 capability is only applied to the subset band combination with single NR CC (e.g., DC\_42A\_77A) RAN2 would like to inform RAN4 that if the type4 requirement is introduced for a superset BC (e.g., DC\_42A\_77C) in the future, RAN4 should not assume the same Rel-19 UE capability parameter can be reused for the superset band combination.

RAN2 understands the same principle applies to type2 UE as well (i.e. the UE is allowed to indicate supporting type 2 requirement in superset band combination(s), and in this case the type 2 capability is only applied to the subset band combination(s) that support type 2 requirement as defined in the RAN4 spec)

Please refer annex the attached endorsed CRs for reference.

# 2 Actions

**To RAN4:**

**ACTION:**

**RAN2 would be grateful if RAN4 could take the above RAN2 agreements into account.**

# 3. annex

[1] R2-xxx

[2] R2-xxx

[3] R2-xxx

# 4 Dates of next TSG WG RAN2 meetings

TSG-RAN WG2 Meeting#131-b 13 - 17 October 2025 Prague, Czech

TSG-RAN WG2 Meeting#132 17 – 21 November 2025 Dallas, US