**3GPP TSG-RAN WG2 Meeting #113bis electronic R2-210xxxx**

**Online, April 12 – April 20, 2021**

**Title:** [Draft] LS on BCS for contiguous and non-contiguous intra-band (NG)EN-DC

**Response to:**

**Release:** Rel-15

**Work Item:** NR\_newRAT

**Source:** [Huawei, HiSilicon]

**To:** RAN4

**Cc:**

**Contact Person:**

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**Attachments**: N/A

**1. Overall Description:**

RAN2 discussed bandwidth combination set (BCS) reporting for contiguous and non-contiguous intra-band (NG)EN-DC and concluded that:

If the UE supports an intra-band (NG)EN-DC band combination with both contiguous and non-contiguous configurations, and the supported BCS value(s)(e.g. BCS0, BCS1 and so on) for contiguous and non-contiguous is the same, the UE can signal “both” in *intraBandENDC-Support* with the associated BCS value(s). In this case, RAN2’s understanding is that the set of supported bandwidths is not necessarily the same between contiguous and non-contiguous cases.

If the BCS#s for contiguous and non-contiguous are different, the UE can signal two band combination entries for contiguous and for non-contiguous separately, with the associated BCS value respectively. If no BCS is signalled then the BCS0 is assumed for a band combination where “both”is signalled.

**2. Actions:**

**To RAN4:**

**ACTION:** RAN2 respectfully asks RAN4 to take above RAN2 understanding into account.

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

TSG-RAN2 Meeting#114-e 19 – 27 May 2021 Online

TSG-RAN2 Meeting#115 23 – 27 August 2021 Toulouse