3GPP TSG-RAN WG4 Meeting # 108bis R4-2315495

Xiamen, China, 9th – 13th October, 2023

**Title:** LS on update for “*asyncIntraBandENDC*“

**Response to:**

**Release:** Rel-16

**Work Item:** TEI16

**Source:** RAN4

**To:** RAN2

**Cc:**

**Contact person: Apple**

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

**Attachments:** None

# 1 Overall description

During the discussion on MRTD requirement applicability in RAN4#108bis meeting, it is identified that the current description for *asyncIntraBandENDC* may need to be updated to well accommodate inter-band EN-DC with overlapping frequency in non-collocated scenario.

The signaling *“asyncIntraBandENDC”* was introduced for intra-band EN-DC, while it is further extended to cover inter-band EN-DC with overlapping frequency. While the signaling description only mentioned intra-band EN-DC in the first paragraph in the description part. For inter-band EN-DC with overlapping frequency, if asynchronous FDD-FDD intra-band (NG) EN-DC is not supported, the MRTD requirement for collocated scenario and non-collocated scenario are different.

* For collocated scenario, the synchronous requirement for intra-band collocated scenario in 7.6.3 apply.
* For non-collocated scenario, the synchronous requirement for inter-band EN-DC in 7.6.2.1 apply.

Further, the signaling *“asyncIntraBandENDC”* now only cover EN-DC UE reporting. RAN4 would like to ask RAN2 to update this signaling description to cover NE-DC reporting.

# 2 Actions

**To RAN2:**

**ACTION:** RAN4 respectfully asks RAN2 to consider the above information and consider updating the signaling description for *asyncIntraBandENDC.*

# 3 Dates of next TSG-RAN WG4 meetings

TSG-RAN WG4 Meeting #109 13th – 17th Nov 2023 Chicago, US

TSG-RAN WG4 Meeting #110 26th Feb – 1st Mar 2024 Athens, Greece