3GPP TSG RAN WG2#131 R2-250xxxx

Bangalore, India, 25th - 29rdAug, 2025

**Title:** LS on simultaneous configuration of SBFD and DC

**Response to:** R2-2505015 (R1-2504858)

**Release:** Rel-19

**Work Item:** NR\_duplex\_evo-Core

**Source:** RAN WG2

**To:** RAN WG1, RANWG4

**Cc:** RAN WG3

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

**Attachments:** -

# 1 Overall description

RAN2 would like to thank RAN1 for the LS on simultaneous configuration of SBFD and DC in R1-2504858.

Based on the LS in R1-2504858, RAN2 has evaluated the specification impact to the scenario of simultaneous configuration of SBFD and DC indicated in R1-2504858, i.e., inter-band NR-DC if a UE is capable of simultaneous transmission and reception indicated by UE capability *simultaneousRxTxInterBandCA*, where SBFD operation is applicable on only one NR TDD carrier and made the following agreement for the above scenario of simultaneous configuration of SBFD and DC:

|  |
| --- |
| RAN2 evaluated the specification impact to support simultaneous configuration of SBFD and DC, and concluded the following: From RAN2 point of view there may be limited specification impact (i.e., stage-2 impact but no need to introduce stage-3 spec impact). Send LS to RAN4 and RAN1 (cc RAN3) to inform this conclusion. |

# 2 Actions

**To RAN WG1, RAN WG4:**

**ACTION:** RAN WG2 respectfully asks RAN WG1 and RAN WG4 to take the above agreement into account in their future work.

# 3Dates of next TSG RAN WG2 meetings

TSG RAN2 Meeting #131bis 13-17 Oct 2025 Prague, CZ

TSG RAN2 Meeting #132 17-21 Nov 2025 Dallas, USA