3GPP TSG-RAN WG2 Meeting #131bis R2-250xxxx

Prague, Czech Republic, Oct. 13th -17th, 2025

**Title: [DRAFT] Reply LS on Rx BSF optimization for NR RRM Phase 5**

**Response to: R4-2512333/R2-2506739**

**Release: Release 19**

**Work Item: NR\_RRM\_Ph5-Core**

**Source: CATT (to be RAN2)**

**To: RAN4**

**Cc:**

**Contact person:**

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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 thanks RAN4 for the LS on Rx BSF optimization for NR RRM Phase 5. Regarding the new UAI to be defined in RAN2 RRC specification, the following RAN2 agreements have been made:

* Whether FBS operation is preferred or not is indicated in UAI.
* Prohibit timer is introduced, and the candidate timer length can be {s0, s0dot5, s1, s2, s3, s4, s5, s6, s7, s8, s9, s10, s20, s30}.

RAN2 further discussed when to configure the threshold parameter(s) for FBS triggering condition, and the following RAN2 agreement has been achieved:

* In case the FBS triggering condition is configured, UE only applies it when the scenario related conditions of applicability of requirements defined in 38.133 are met. It is up to network when to configure the FBS triggering.

# 2 Actions

**To RAN4**

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

# 3 Dates of next TSG-RAN WG2 meetings

3GPP TSG RAN WG2#132 17 - 21 November 2025 Dallas, US

3GPP TSG RAN WG2#133 09 - 13 February 2026 Gothenburg, SE