**3GPP TSG RAN WG1 #110bis-e R1-22XXXXX**

**e-Meeting, October 10th – 19th, 2022**

**Title: Draft LS on maximum number of UL subbands for duplex evolution**

**Response to:**

**Release: Rel-18**

**Work Item:** **FS\_NR\_duplex\_evo**

**Source: Moderator (CATT) [RAN1]**

**To:** **RAN4**

**Cc:**

**Contact person: Yanping Xing**

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

1 Overall description

In RAN1#110bis-e, RAN1 made the following agreement.

**Agreement:**

The maximum number of UL subbands for SBFD operation in an SBFD symbol (excluding legacy UL symbol) within a TDD carrier is one for the study in RAN1.

* The UL subband can be located at one side of the carrier.
* The UL subband can be located at the middle part of the carrier

Note: RAN1 considers the above two possibilities unless RAN4 concludes that any one is infeasible.

Note: Two UL subbands for SBFD operation in an SBFD symbol within a TDD carrier due to SBFD operation in legacy UL symbols is subject to further RAN1 discussions which is 2nd priority as per RAN guidance.

Send an LS to RAN4 to inform the above agreement. If RAN4 has response, it will be taken into account but in the meanwhile, RAN1 work will continue based on the above.

2 Actions

**To: RAN4**

**ACTION:** RAN1 respectfully asks RAN4 to take the above agreement into account in their further work.

3 Dates of next TSG RAN WG1 meetings

TSG RAN WG1 Meeting #111 14th Nov – 18th Nov, 2022 Toulouse, FR

TSG RAN WG1 Meeting #112 27th Feb – 3rd Mar, 2023 Athens, GR