3GPP TSG-RAN WG4 Meeting #111 R4-2410563

Fukuoka, Japan, 20 – 24 May, 2024

**Title:** WF on simultaneous Rx-Tx issues

**Agenda Item:** 6.2

**Source:** Huawei

**Document for:** Approval

# Issue 1: Rel-18 leftover issues for simultaneous Rx-Tx

Background:

The issues of redundant notes and MSD related to simultaneous Rx-Tx are pointed out in R4-2409192:

* There are a lot of Notes with similar functions or with obscure meanings in current spec. Given that the capability of simultaneous Rx-Tx is important for network scheduling, it should be reported accurately and need to be improved in spec.
* MSD requirements is necessary for band combination no matter the combo supports simultaneous Rx-Tx capability or not. It is good for inter-operability between network and UE.

Several remaining issues for simultaneous Rx-Tx are pointed out in R4-2407610, including:

* Specification simplification for simultaneous Rx-Tx Notes in TS 38.101-1 was not fully discussed in Rel-18.
* How to implement simultaneous Rx-Tx requirements to CA\_n40-n41 need further discussion.
* The clarification on the simultaneous Rx-Tx feature for DC band combinations with same band but different configurations of carrier number needs further discussion.

**<Way forward>**

To consider the Rel-18 left over issues for simultaneous Rx-Tx in Rel-19.