3GPP TSG-RAN WG4 Meeting #102-e R4-2206489

Electronic Meeting, Feb 21- Mar 03, 2022

**Source:** Huawei, HiSilicon

**Title:** TP for TR 38.839: Update for simultaneous Rx/Tx capability

**Agenda Item:** 9.39.2

**Document for:** Approval

# Background

This contribution provides the TP for TR of simultaneous Rx/Tx capability based on [1-3].

# References

[1] R4-2205579, TR38.839 v0.2.0

[2] R4-2202295 draft WF on simultaneous RxTx for higher order, NTT DOCOMO, INC

[3] R4-2205580, Further consideration on the simultaneous RxTx capability for FR1 TDD-FDD, Huawei, HiSilicon

# Text Proposal

## **<Start of Text Poposal>**

## 5.1 Applicability of simultaneous Rx/Tx capability

The following consensus was reached in RAN4 on applicability of simultaneous Rx/Tx capability.

* Simultaneous Rx/Tx capability for LTE CA band combination can be applied for the corresponding inter-band NR CA band combination.
* Same simultaneous Rx/Tx capability can be applied for the corresponding band combination among NR CA, NR DC and NR EN-DC
* If the mandatory simultaneous Rx/Tx capability applies for a band combination, the mandatory simultaneous Rx/Tx capability also applies for the band combination when the applicable band combination is a subset of a higher order band combination.

## **<Next Change>**

# Specific cases for TDD-TDD band combinations

*<To be added>*

# 7 Specific cases for FDD-TDD band combinations

*<To be added>*

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