3GPP TSG-RAN WG4 Meeting #111 revision of R4-2409538

Fukuoka City, Fukuoka, Japan, 20th – 24th May, 2024

**Title:** **Draft LS on multiple carrier operation for n100/n101 bands**

**Response to: -**

**Release: Rel-17**

**Work Item: NR\_RAIL\_EU\_900MHz-Core, NR\_RAIL\_EU\_1900MHz\_TDD-Core**

**Source:** **Huawei**

**To: ECC WG FM**

**Cc: TSG RAN, ETSI TC RT**

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

**Attachments:** **TS 38.104 MC CR, TS 38.141-1 MC CR**

# 1 Overall description

Discussion on multi-carrier operation in bands n100/n101 was triggered during RAN4#110bis meeting, with reference to the below extracted Decides 4 in ECC Decision (20)02:

|  |
| --- |
| *Decides**4. that CEPT administrations wishing to allow multiple carriers using wideband technologies (i.e., LTE or NR, including NB-IoT) or higher e.i.r.p. for RMR BS than stated in the technical conditions should consider the implementation of a coordination procedure or other mitigation measures;* |

. Such carrier could be a LTE carrier, a NR carrier, a NB-IoT standalone carrier or a NR carrier operating NB-IoT in-band (or guard band).

Based on RAN WG4 discussion, RAN4 specifications were updated to capture the multi-carrier aspects of ECC Decision(20)02.

# 2 Actions

**To ETSI TC RT /[ECC]**

**ACTION:** 3GPP RAN WG4 asks ETSI TC RT to provide their feedback on the motivation and background on the multiple carrier scenario.

# 3 Dates of next RAN WG4 meetings

RAN4#112 2024-08-19 - 2024-08-23 Maastricht, Netherlands

RAN4#112-bis 2024-10-14 - 2024-10-18 China (TBC), CN