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**](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;* |

Based on RAN WG4 discussion it was decided to updated RAN4 specifications TS 38.104 and TS 38.141-1 to reuse multicarrier-related wording of Decides 4 of ECC(20)02, in order to be fully transparent and compliant to the ECC decision. The agreed CRs are attached for information.

RAN WG4 would like to share their understanding, that the multicarrier operation for bands defined based on ECC Decision (20)02 (i.e. NR bands n100 and n101), was not evaluated in ECC WG FM.

# 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