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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**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).Use of one carrier on n100 and one carrier on n101 is not considered to be multiple carriers.

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

RAN WG4 would also like to share their understanding, that the multiple carrier operation for bands bands defined based on ECC Decision (20)02 (i.e. NR bands n100 and n101), was not analysed in CEPT reports (313, 314 and 318).

# 2 Actions

**To ECC WG FM**

**ACTION:** 3GPP RAN WG4 respectfully asks ECC EG FM to consider the above provided information.

# 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