3GPP TSG-RAN WG4 Meeting #111 R4-2409963

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

**Title:** **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:** **3GPP RAN WG4**

**To: ECC WG FM**

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

**Contact person: Michal Szydelko**

[**Michal.szydelko@huawei.com**](mailto:Michal.szydelko@huawei.com)

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

**Attachments:** =

# 1 Overall description

Discussion on multi-carrier operation in bands defined based on ECC Decision (20)02 (i.e. NR bands n100 and 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;* |

RAN WG4 would like to share their understanding of the term multiple carriers to mean that in one frequency band more than one wideband carrier are being operated. Such carrier could be a LTE carrier, a NR carrier, a NB-IoT standalone carrier, or a NR carrier operating NB-IoT in-band. Use of one carrier in band n100 and one carrier in band n101 is not considered to be a multiple carriers case.

RAN WG4 would also like to share their understanding that multiple carriers operation for bands n100 and n101 was not analysed in ECC reports 313, 314 and 318.

# 2 Actions

**To ECC WG FM**

**ACTION:** 3GPP RAN WG4 respectfully asks ECC WG 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