3GPP TSG-RAN WG4 Meeting #111 R4-240xxxx

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

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

**Agenda Item:** 4.2

**Source:** Huawei, HiSilicon

**Document for:** Approval

# Introduction

# Way forward

The following was considered a common understanding in RAN4, when it comes to the ECC Decision (20)02 wording on “multiple carriers” operation in RMR bands n100/n101:

* “multiple carriers” applies to intra-band for n100, or n101, i.e. not to inter-band among n100 and n101,
* “multiple carriers” is not related to CA, nor DC,
* “multiple carriers using wideband technologies” refers to one of the following:
  + LTE carrier + NB-IoT carrier,
  + NR carrier + NB-IoT carrier,

where NB-IoT is considered to be Standalone NB-IoT,

* “multiple carriers” wording from ECC Decision (20)02 is not considered as equivalent of “multicarrier” as per RAN4 use (which can be any combination of carriers in intra/inter-band, and/or contiguous/non-contiguous, CA/DC scenarios).