**3GPP TSG RAN WG4 meeting #102-e R4-22xxxxx**

**Electronic Meeting, 21st February – 3rd March 2022**

Title: [Draft] Further Reply LS on inclusion of the 6425-7125 MHz frequency band in the 3GPP specification for 5G-NR/IMT-2000 systems

Response to: LS (RP-213605) on inclusion of the 6425-7125 MHz frequency band in the 3GPP specification for 5G-NR/IMT-2000 systems

Release: Rel-17

Work Item: NR\_6GHz

Source: [TSG RAN WG4]

To: RCC Commission on Spectrum and Satellite Orbits

Cc: TSG RAN

**Contact Person:**

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

**Attachments:** None

**1. Overall Description:**

3GPP TSG RAN WG4 would like to thank the RCC Commission on Spectrum and Satellite Orbits for their LS in RP-213605 informing 3GPP TSG RAN about the completion of the regulatory requirements for licensed operation of 5G-NR/IMT-2020 systems in the 6425-7125 MHz frequency band and for providing the corresponding RCC Recommendation 1/21 “Harmonization of the technical conditions for 5G-NR / IMT-2020 systems in the RCC countries in the frequency band 6425-7125 MHz or in its portions”.

Further to the reply liaison sent in RP-213664, 3GPP RAN WG4 has started the technical specification work, and performed a first technical analysis of the RCC Recommendation. In order to support the technical specification development, RAN WG4 would appreciate further feedback from RCC on the following.

It is stated that “*Administrations may restrict the use of frequency blocks, including within the 6425-6525 MHz and 7100-7125 MHz frequency bands, in order to ensure compatibility with stations in FS, FSS, SOS, SRS and EESS*.”

Agreement: the following parts with Green highlight are agreeable.

* 1. Does the above restricted use of frequency blocks mean only "allowed/not allowed" usage of 5G NR within the block ~~and, if so, in multiples of which NR block size~~?
	2. ~~RAN4 understands that there would be no further tightening of emissions requirements outside of the frequency block when the block is used for 5G NR operation, for user equipment requirements. We would appreciate confirmation of this.~~

Or

Is RCC aware of any national administrations in the RCC region who might add tightened emission requirements outside of the frequency block which would be used for 5G NR operation?

Agreement: the restricted block size should be multiple of 10MHz and be aligned with 5MHz raster.

* This agreement will be captured in the meeting minutes.

**2. Actions:**

**To RCC:** 3GPP TSG RAN respectfully invites RCC Commission on Spectrum and Satellite Orbits to provide feedback to RAN WG4 on the above questions.

**3. Date of Next TSG RAN Meetings:**

TSG-RAN WG4#103-e 16th – 27th May 2022 Electronic Meeting