

Prepared (also subject responsible if other) EHUUXIO		No. TA8AKRC161746-1		
Approved Xiao Hu	Checked	Date 2023-05-18	Rev A	Reference

Federal Communications Commission
Authorization & Evaluation Division
7435 Oakland Mills Road
Columbia, Maryland 21046
Attention: Equipment Authorization Branch

Subject: Certification for FCC ID: TA8AKRC161746-1

To Whom It May Concern:

Ericsson AB requests a Class II Permissive Change for the above-mentioned FCC Identifier to support additional NR BW of 10 and 15MHz.

The radio operates in the broadband radio service band as per 47 CFR Part 96.

This radio (Radio 4408 B48) is designed for use in LTE and NR cellular telephone system. This TDD radio operates in Band 48, the transmitter and receiver operate from 3550 MHz to 3700. It supports channel bandwidths of 10 and 20MHz LTE, and 10,15,20,30,40,50,60,70,80,90 and 100 MHz NR, modulation types of QPSK, 16QAM, 64QAM and 256 QAM.

The radio supports spectrum consisting of two or more sub-blocks separated by sub-block gap(s), NCS (None-Contiguous Spectrum). The radio unit supports carrier aggregation.

The radio has the ability to be used in a RBS system configured for 3GPP MIMO/Spatial multiplexing and beam-forming technologies. The radio supports CBRS (Citizens Broadband Radio Service).

This radio will in normal mode operates at a maximum power of 5W per port, the radio has 4 TX/RX ports. Professional Installation mechanism secure installation must be controlled and implemented by licensed professionals.

The Exhibit 8 user manuals submitted with this application is generic and may cover multiple products. This application is only valid for the model specified in the Exhibit 12 circuit description.

This radio must always be powered by an AC or DC PSU approved by Ericsson. Only antennas listed in Exhibit 8 Manual are supported by Ericsson and covered by EMF testing. All other antennas are subject to Site Licensing terms.

Ericsson AB requests confidentiality under CFR 0.459 according to attached letter. We further certify that the applicant nor any party to the application is subject to a denial of Federal benefits, that includes FCC benefits, pursuant to section 5301 of the Anti-Drug abuse Act of 1988, 21 U.S.C. Section 862.

If additional information is needed, please contact me on the below listed number.

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