

Prepared (also subject responsible if other) EHUAYAN		No. TA8AKRC161711-1		
Approved CBC/XRV/D Hua Yang	Checked	Date 2019-01-10	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: TA8AKRC161711-1**

To Whom It May Concern:

Ericsson AB requests a Grant of Certification (Type Acceptance) for the above mentioned FCC Identifier.

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

This radio (Radio 2208 B48) is designed for use in LTE 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 5, 10 and 20 MHz, modulation types of QPSK, 16QAM, 64QAM and 256 QAM for LTE.

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.

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

This radio will in normal mode operates at a maximum power of 10W per port at the output connector. The radio has 2 TX ports. Professional Installation mechanism secure installation must be controlled and implemented by licensed professionals.

This Permissive Change request for this radio (Radio 2208 B48) is to also support 4x4 MIMO by cascading two radios.

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 "RF Electromagnetic Field" 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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