

Prepared (also subject responsible if other) EHUAYAN		No. TA8AKRC161711-1		
Approved Hua Yang	Checked	Date 2019-10-30	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 90 Subpart Z.

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 3650 MHz to 3675. It supports channel bandwidths of 5 MHz and 20 MHz, modulation types of QPSK, 16QAM, 64QAM and 256 QAM for LTE.

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 also supports CBRS (Citizens Broadband Radio Service).

This radio will in normal mode operates at a maximum power of 5W 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.

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 "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.

Hua Yang
Staff Engineer, Regulatory Programs Ericsson AB
Isafjordsgatan 10
Kista, SE-164 80 Stockholm
Sweden
Telephone No.: +86 10 8476 7133
e-mail: hua.yang@ericsson.com