

Prepared (also subject responsible if other) EZXIQWA		No. TA8AKRC1610014-1		
Approved Tingting Wang	Checked	Date 2022-07-19	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: TA8AKRC1610014-1

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 27.

This radio (Radio 2212 B8C) is designed for use LTE cellular telephone system. This FDD radio operates in Band 8, the transmitter is from 936.5 MHz to 939.5 MHz and the receiver from 897.5 MHz to 900.5 MHz. It supports radio access technology SR LTE. It can support in-band and standalone NB-IoT.

It supports channel bandwidths of 1.4 and 3 MHz for LTE. The radio supports modulation types of QPSK, 16QAM, 64QAM 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.

The radio has the ability to be used in a RBS system configured for 3GPP MIMO/Spatial multiplexing and beamforming technologies for LTE.

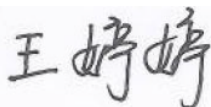
This Radio will in one mode configured with an additional filter (KRF 102 456/1) at a maximum power of 60W per port at the filter output connector. This radio will in normal mode operates at a maximum power of 40W per port at the radio output connector. The radio has 2 TX/RX ports and can support 4 TX/RX.

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.

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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