

Prepared (also subject responsible if other) ERAWALA		No.		
Approved BURAEQDD	Checked	Date 2016-06-17	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: TA8AKRC161489-1**

To Whom It May Concern:

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

This radio (Radio 2203 B2 B25) is designed for use in WCDMA and LTE cellular telephone system. The transmitter operates in Band 2 from 1930 MHz to 1990 MHz and in Band 25 from 1930 MHz to 1995 MHz. The receiver operates in Band 2 from 1850 MHz to 1910 MHz and in Band 25 from 1850 MHz to 1915 MHz. It supports channel bandwidths of 4.2 and 5 MHz for WCDMA and 1.4, 3, 5, 10, 15 and 20 MHz for LTE. The radio supports modulation type QPSK, 16 QAM and 64 QAM for WCDMA and QPSK, 16QAM, 64QAM and 256 QAM for LTE. The radio operates in the Cellular band as per 47 CFR Part 24.

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 for LTE.

The radio will in normal mode operate at a nominal power out of 5 W per port at the output connectors. The radio has 2 Tx ports.

This radio will always require a license for transmission.

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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