

Prepared (also subject responsible if other) <b>EHUAYAN</b>	No. <b>TA8AKRC161737-1</b>		
Approved Hua Yang	Checked	Date 2019-11-09	Rev A

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

**Subject: Certification for FCC ID: TA8AKRC161737-1**

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 broadband radio service band as per 47 CFR Part 24.

This radio (Radio 4402 B2B25) is designed for use in WCDMA and LTE cellular telephone system. This FDD radio operates in Band 2/Band25. The transmitter is from 1930MHz to 1995MHz and the receiver is from 1850 MHz to 1915MHz. It supports radio access technology SR WCDMA, SR LTE, MR WCDMA + LTE, and NB-IoT in-band, NB-IoT standalone, NB-IoT guard-band.

It supports channel bandwidths of 5 MHz for WCDMA, 1.4, 3, 5, 10, 15 and 20 MHz for LTE. The radio supports modulation types of QPSK, 16 QAM and 64 QAM for WCDMA, 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.

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

This radio will in normal mode operates at a maximum power of 5W per port, the radio has 4 TX/RX ports.

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.

Qibin Hu  
Staff Engineer, Regulatory Programs Ericsson AB  
Isafjordsgatan 10  
Kista, SE-164 80 Stockholm  
Sweden  
Telephone No.: +86 10 8476 7133  
e-mail: [Qibin.Hu@ericsson.com](mailto:Qibin.Hu@ericsson.com)