

Prepared (also subject responsible if other) ERAWALA		No.		
Approved BNEPBAJD	Checked	Date 2018-04-18	Rev B	Reference

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

**Subject: Certification for FCC ID: TA8AKRC161707-2**

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 bands as per 47 CFR Part 24 and Part 27.

This radio (Radio 8843 B2 B66A) is designed for use in LTE cellular telephone system. This FDD radio operates in Band 2 and Band 66A:

The Transmitter parts operate in frequency range

B2: 1930 - 1990 MHz

B66A: 2110 - 2180 MHz.

The Receiver parts operate in frequency range

B2: 1850 - 1910 MHz

B66A: 1710 - 1780 MHz.

It supports radio access technology SR LTE.

It supports channel bandwidths 5, 10, 15 and 20 MHz.

The radio supports modulation type QPSK, 16QAM, 64QAM and 256 QAM.

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 2x2 and 4x4 MIMO/Spatial multiplexing and beam-forming technologies for LTE.

The radio has 4 Tx/Rx ports for B2 and 4 TX/RX ports for B66A.

The radio will in B2 operate at maximum power of 4x40 W or 2x60W and in B66A at maximum power of 4x60 W or 2x80 W.

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 accept by this request the agreement set out in the document "IP SPCR 125 Annex A2 Agreements on Post-market surveillance for radio equipment certified for the US market.

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.

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If additional information is needed, please contact me on the below listed number.

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