

Prepared (also subject responsible if other) EDENLAL	No. TA8AKRY901385-1		
Approved	Checked	Date 2018-04-27	Rev A

Federal Communications Commission
Authorization & Evaluation Division
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Columbia, Maryland 21046
Attention: Equipment Authorization Branch

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Forsyth House
Churchfield Road,
Walton-on-Thames, Surrey
KT12 2TD, UK

April 27, 2018

Subject: Certification for FCC ID: TA8AKRY901385-1

To Whom It May Concern:

Ericsson AB requests a Grant of Certification (Type Acceptance) for the RD 4442 B48 product.

This Radio Unit (Radio Dot – RD 4442) is designed for use in LTE cellular telephone system. The TDD transmitter will transmit on Band 48 (3550-3700 MHz). It supports channel bandwidths of 5, 10, 15, and 20 MHz. The Radio Unit (RU) supports modulation types QPSK, 16QAM, 64QAM and 256QAM. The Radio Unit operates in the CBSD band as per 47 CFR Part 96. It meets the requirements of Third Generation Partnership Project (3GPP) for operation in LTE cellular systems.

The product also meets all the SAS to CBSD requirements of Part 96. A separate test report includes these test results.

The Radio Unit can be used in a RBS system configured for 3GPP MIMO/Spatial multiplexing and beam-forming technologies for LTE.

The Radio Unit will in normal mode operate at a nominal power output of 50 mW per port at the output connectors (4 connectors with up to 50 mW in each connector connected to built-in antennas).

The Exhibit 8 user manuals submitted with this application are 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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