

Prepared (also subject responsible if other) EDENLAL		No. TA8AKRY901386-1		
Approved	Checked	Date 2017-10-24	Rev A	Reference

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

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

October 24, 2017

Subject: Certification for FCC ID: TA8AKRY901386-1

To Whom It May Concern:

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

This Radio Unit (Radio Dot – RD 4442) is designed for use in LTE and WCDMA cellular telephone system. The FDD transmitter will transmit on Band 25 (1930-1995 MHz) and B66A (2110-2180 MHz). It supports channel bandwidths of 5, 10, 15, and 20 MHz for LTE and 5 MHz for WCDMA. The Radio Unit (RU) supports modulation types QPSK, 16QAM, 64QAM and 256QAM. The Radio Unit operates in the Extended PCS and the Extended AWS band as per 47 CFR Part 24 and 27. It meets the requirements of Third Generation Partnership Project (3GPP) for operation in LTE and WCDMA cellular systems.

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).

This Radio Unit (Radio Dot – RD 4442) will always require a license for transmission.

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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