

Prepared (also subject responsible if other)		No.		
EDENLAL		TA8AKRY901334-1		
Approved	Checked	Date	Rev	Reference
EDAVBOL		2015-02-05	A	

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

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

February 5, 2015

Subject: Certification for FCC ID: TA8AKRY901334-1

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 2242) is designed for use in LTE cellular telephone system. The transmitter will operate from 746 MHz to 756 MHz. The receiver circuit supports 777 MHz to 787 MHz. It supports channel bandwidths of 5 and 10 MHz for LTE. The Radio Unit (RU) supports modulation type QPSK, 16QAM and 64QAM for LTE. The Radio Unit operates in the Broadband PCS services as per 47 CFR Part 27. It meets the requirements of Third Generation Partnership Project (3GPP) for operation in LTE cellular systems.

The Radio Unit supports spectrum consisting of two or more sub-blocks separated by sub-block gap(s), NCS (None-Contiguous Spectrum).

The Radio Unit has the ability to 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 out of 50 mW per port at the output connectors (2 connectors with up to 50 mW in each connector connected to built-in antennas).

This Radio Unit (Radio Dot – RD 2242) 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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