

Prepared (also subject responsible if other)		No.		
EDENLAL		TA8AKRY901332-1		
Approved	Checked	Date	Rev	Reference
EDAVBOL		2015-03-10	A	

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

April 02, 2015

## **Subject: Certification for FCC ID: TA8AKRY901332-1**

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 and WCDMA cellular telephone system. The transmitter will operate from 869 MHz to 894 MHz. The receiver circuit supports 824 MHz to 849 MHz. It supports channel bandwidths of 5 and 10 MHz for LTE and 4.2 to 5 MHz for WCDMA. The Radio Unit (RU) supports modulation types QPSK, 16QAM and 64QAM for LTE and WCDMA. The Radio Unit operates in the Cellular Radiotelephone Service as per 47 CFR Part 22. It meets the requirements of Third Generation Partnership Project (3GPP) for operation in LTE and WCDMA 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 output 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 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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