

Prepared (also subject responsible if other) EBJOUTE	No. TA8AKRY901328-1		
Approved EAB/FJB/KA	Checked	Date 2015-01-19	Rev A

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

SP Technical Research Institute of Sweden
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Jan 19, 2015

Subject: Certification for FCC ID: TA8AKRY901328-1

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 WCDMA and LTE cellular telephone system. The transmitter will operate from 1930 MHz to 1990 MHz. The receiver circuit supports 1850 MHz to 1910 MHz. It supports channel bandwidths of 5, 10, 15 and 20 MHz for LTE and 5 MHz for WCDMA. Radio Unit (RU) supports modulation type QPSK, 16QAM and 64QAM for WCDMA and LTE. Radio Unit operates in the Broadband PCS services as per 47 CFR Part 24 subpart E. It meets the requirements of Third Generation Partnership Project (3GPP) for operation in WCDMA and LTE cellular system.

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

Radio Unit has the ability to be used in a RBS system configured for 3GPP MIMO/Spatial multiplexing and beam-forming technologies for WCDMA and LTE.

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 build 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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