

Prepared (also subject responsible if other)		No.		
ERAWALA		TA8AKRY901326-1		
Approved	Checked	Date	Rev	Reference
EAB/FJB/KA		2014-11-06	B1	

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

SP Technical Research Institute of Sweden
Brinellgatan 4
Box 857
S-501 15 Borås
Sweden

Subject: Certification for FCC ID: TA8AKRY901326-1

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 B17 (RD) is designed for use in LTE cellular telephone system. The transmitter will operate from 734 MHz to 745 MHz. The receiver circuit supports 704 MHz to 715 MHz. It supports channel bandwidths of 5, 10 MHz for LTE. RD supports modulation type QPSK, 16QAM and 64QAM for LTE. This RD operates in the WCS services as per 47 CFR Part 27 subpart C.

RD has the ability to be used in a RBS system configured for 3GPP MIMO/Spatial multiplexing technologies for LTE.

RD 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).

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.

Ericsson AB accept by this request the agreement set out in the document "Bilaga SPCR 125 -Avtal om marknadskontroll för radioutrustning certifierad för USA-marknaden".

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