

Prepared (also subject responsible if other)		No.		
Denis Lalonde		TA8AKRY901451-1		
Approved	Checked	Date	Rev	Reference
		2019-08-30	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

August 30, 2019

Subject: Certification for FCC ID: TA8AKRY901451-1

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 2243) is designed for use in LTE cellular telephone systems. The FDD transmitter will transmit on Band 14 (758-768 MHz). It supports channel bandwidths of 5 and 10 MHz for LTE. The Radio Unit (RU) supports modulation types QPSK, 16QAM, 64QAM and 256QAM. The Radio Unit operates in the Upper SMH band as per 47 CFR Part 90. It meets the requirements of Third Generation Partnership Project (3GPP) for operation in LTE cellular systems.

The Radio Unit can be used in an RBS system configured for 3GPP MIMO/Spatial multiplexing 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 2243) 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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