

Prepared (also subject responsible if other) Denis Lalonde	No. TA8AKRY901404-1		
Approved	Checked	Date 2018-02-21	Rev A

Federal Communications Commission  
Authorization & Evaluation Division  
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Attention: Equipment Authorization Branch

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Churchfield Road,  
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February 21, 2018

## **Subject: Certification for FCC ID: TA8AKRY901404-1**

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 and WCDMA cellular telephone system. The FDD transmitter will transmit on B66A (2110-2180 MHz). It supports channel bandwidths of 5, 10, 15, and 20 MHz for LTE and 5 MHz for WCDMA. The Radio Unit (RU) supports modulation types QPSK, 16QAM, 64QAM and 256QAM. The Radio Unit operates in the Extended AWS band as per 47 CFR Part 27. It meets the requirements of Third Generation Partnership Project (3GPP) for operation in LTE and WCDMA cellular systems.

The Radio Unit can 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 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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