

Prepared (also subject responsible if other)		No.	
EDENLAL		TA8BKRY901309-1	
Approved	Checked	Date	Rev
		2016-09-02	PA1
		Reference	

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

TUV SUD BABT
 Octagon House
 Concorde Way, Segensworth North
 Fareham, Hampshire, PO15 5RL
 United Kingdom

2 September 2016

FCC ID: TA8BKRY901309-1
 Industry Canada ID: 287AB-AS9013091
 IC Model: AS9013091

Subject: Certification for FCC ID TA8BKRY901309-1

To Whom It May Concern:

Ericsson AB requests a Class 2 Permissive Change for the above mentioned FCC Identifier.

The reason for the Class 2 Permissive Change is to add WCDMA capability to the grant of authorization of this product. The addition of WCDMA capability was done entirely through software. No hardware changes were introduced to this product since the original grant of authorization was received.

This Radio Unit (Radio Dot – RD 2242) is designed for use in LTE and WCDMA cellular telephone system. The transmitter will operate from 2110 MHz to 2155 MHz. The receiver circuit supports 1710 MHz to 1755 MHz. It supports channel bandwidths of 5, 10, 15 and 20 MHz for LTE and supports channel bandwidths of 4.2 to 5 MHz for WCDMA with modulation types QPSK, 16QAM and 64QAM. The Radio Unit (RU) supports modulation type QPSK, 16QAM and 64QAM for LTE. The Radio Unit operates in the AWS services as per RSS-139. It meets the requirements of Third Generation Partnership Project (3GPP) for the Universal Mobile Telephone System (UMTS 3G) mobile standard (cellular telephone system) for operation in 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 LTE.

The Radio Unit will in normal mode operates 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.

This Radio Unit supports MSR with LTE and WCDMA.

This application is only valid for the model specified in the Exhibit 12 Operational Description.

Ericsson Canada / Ericsson AB requests confidentiality under CFR 0.459 according to the 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 Canada / Ericsson AB accept by this request the agreement set out in the document "Annex SPCR 125 –Agreement on post-market surveillance for radio equipment certified for the US market".

Denis Lalonde

Regulatory Approvals Verification
 FCC Registration Number (FRN) 0024080715

Ericsson Canada Inc.

349 Terry Fox Drive
 Ottawa, On, K2K 2V6, Canada
 Phone: +1-613-963-6496
 Mobile: +1-613-790-2901

Email: denis.lalonde@ericsson.com