

Prepared (also subject responsible if other)		No.		
EDENLAL		TA8AKRC161563-1		
Approved	Checked	Date	Rev	Reference
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Federal Communications Commission
 Authorization & Evaluation Division
 7435 Oakland Mills Road
 Columbia, Maryland 21046
 Attention: Equipment Authorization Branch

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19 May 2016

FCC ID: TA8AKRC161563-1
 Industry Canada ID: 287AB-AS1615631
 IC Model: AS1615631

Subject: Certification for FCC ID TA8AKRC161563-1

To Whom It May Concern:

Ericsson AB requests a Grant of Certification (Type Acceptance) for the above mentioned FCC Identifier.

The product in this application Radio 2217 B2 is a multi-standard Remote Radio Unit (RRU) forming part of the Ericsson RBS 6000 series Radio Base Station (RBS). The Radio provides the wireless radio access interface for mobile and fixed devices and is designed for the outdoor environment. This radio base station transceiver is designed for use with Multi-RAT cellular Radio Access Technology (RAT) systems. The Radio 2217 B2 supports two (2) Transmit / Receive ports at a Downlink transmit of 1930MHz to 1990MHz and an Uplink receive from 1850MHz to 1910MHz in FDD (Frequency Division Duplex). This Radio Unit will operate up to a maximum RF output power of 2 x 40 watts (Wide Area Base Station class). Radio 2217 supports channel bandwidths of 1.4, 3, 5, 10, 15 and 20MHz for LTE with modulation types QPSK, 16QAM, 64QAM, and 256QAM. It supports channel bandwidths of 4.2 to 5 MHz for WCDMA with modulation types QPSK, 16QAM and 64QAM. The radio base station operates in the Cellular band as per 47 CFR Part 24 / IC RSS-GEN/RSS-133 and meets the requirements of Third Generation Partnership Project (3GPP) for the Universal Mobile Telephone System (UMTS 3G) mobile standard (cellular telephone system). This Radio Unit supports spectrum consisting of two or more sub-blocks separated by sub-block gap(s), NCS (Non-Contiguous Spectrum). This Radio supports MIMO (Multiple Input Multiple Output) and has the ability to transmit with Multiple Outputs in the same Band with 3GPP MIMO/Spatial multiplexing and beam-forming technologies. This Radio Unit supports MSR (Multi Standard Radio) with the ability to receive and transmit two or more carriers simultaneously, where at least one carrier is of a different RAT. This Radio Unit supports MSR with LTE and WCDMA.

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 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

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