

Prepared (also subject responsible if other) RSACGUS		No. TA8CKRC11866-1 Uen		
Approved EAB/FJB/VA [Christer Gustavsson]	Checked	Date 2014-03-25	Rev F	Reference

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

SP Technical Research Institute of Sweden
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Box 857
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Mars 19, 2014

Subject: Certification for FCC ID: TA8CKRC11866-1

To Whom It May Concern:

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

This Radio Unit (RUS 01 B2) is designed for use in GSM, WCDMA and LTE wireless communications services system. The transmitter will operate from 1930 MHz to 1990 MHz and supports Channel Bandwidths of 1.4, 3, 5, 10, 15 and 20 MHz for LTE and 4,2 and 5 MHz for WCDMA. The receiver circuit supports 1850 MHz to 1910 MHz. This Radio Unit supports modulation type GMSK and 8PSK, 16QAM, 32QAM and AQPSK for GSM, and QPSK, 16QAM and 64QAM for WCDMA and LTE. This Radio Unit operates in the broadband PCS services as per 47 CFR Part 24 subpart E.

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 GSM, WCDMA and LTE cellular system.

This Radio Unit (RUS 01 B2) supports spectrum consisting of two or more sub-blocks separated by sub-block gap(s), NCS (None-Contiguous Spectrum).

This Radio Unit (RUS 01 B2) Support MIMO (Multiple Input Multiple Output) in WCDMA and LTE mode with ability to be used in a RBS system configured for 3GPP MIMO/Spatial multiplexing and beam-forming technologies.

This Radio Unit (RUS 01 B2) supports MSR (Multi Standard Radio) with the ability to receive and transmits two or more carriers simultaneously, where at least one carrier is of a different RAT (Radio Access Technology)..

This Radio Unit (RUS 01 B2) will in normal mode operate at a nominal power out of 20, 40 and 60 watts at the output connector. Maximum nominal power is equal to 1x47.8 dBm / 1x60 W.

The Exhibit 8 user manual 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 accepts 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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