

Prepared (also subject responsible if other) RSACGUS		No. TA8AKRC11864-2		
Approved EAB/FJR/VAC [Christer Gustavsson]	Checked	Date 2012-04-04	Rev A	Reference

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

SP Technical Research Institute of Sweden
Brinellgatan 4
Box 857
S-501 15 Borås
Sweden

April 4, 2012

Subject: Permissive Change for FCC ID: TA8AKRC11864-2

To Whom It May Concern:

Ericsson AB requests a Permissive Change (Type Acceptance) for the above mentioned FCC Identifier.

This base station transceiver (Radio Unit – RUS 01 B5) is designed for use in GSM, WCDMA and LTE cellular telephone system. The transmitter will operate from 869 MHz to 894 MHz. The receiver circuit supports 824 MHz to 849 MHz. It supports channel bandwidth of 1.4, 3, 5, 10, 15 and 20 MHz for LTE. This base station transceiver (RU) supports modulation type GMSK and 8PSK, 16QAM, 32QAM and AQPSK for GSM, and QPSK, 16QAM and 64QAM for WCDMA and LTE. This base station transceiver (RU) is appropriate to use in different Ericsson radio base stations without re-measurement and re-filing when introducing a new base station type. The base station operates in the Cellular band as per 47 CFR Part 22 subpart H. It meets the requirements of 3GPP specification for operation in GSM, WCDMA and LTE cellular systems.

This base station transceiver (RUS 01 B5) will in normal mode operate at a nominal power out of 20, 40 and 60 watts at the output connector.

This application is only valid for the model specified in the Exhibit 12 circuit description.

New with this base station transceiver (Radio Unit – RUS 01 B5):

- 1) Support MSR (Multi Standard Radio) This RU have 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 RU supports MSR with GSM and WCDMA.
- 2) Supports NCS (None-Contiguous Spectrum). This RU supports spectrum consisting of two or more sub-blocks separated by sub-block gap(s).

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 accept by this request the agreement set out in the document "Bilaga SPCR 125 -Avtal om marknadskontroll för radioutrustning certifierad för USA-marknaden".

If additional information is needed, please contact me on the below listed number.

Christer Gustavsson
Staff Engineer, Regulatory Programs Ericsson AB
FCC Registration Number (FRN): 0013476155
Isafjordsgatan 10
SE-164 80 Stockholm, Sweden
Telephone No.: +46107175949
e-mail: christer.gustavsson@ericsson.com