

Prepared (also subject responsible if other)		No.		
EAB/FJR/VA Christer Gustavsson		TA8AKRC11864-2		
Approved	Checked	Date	Rev	Reference
EAB/FJR/VA Christer Gustavsson		2011-01-03	B	

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

January 03, 2011

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 and WCDMA 850 MHz cellular telephone system. The transmitter will operate from 869 MHz to 894 MHz. The receiver circuit supports 824 MHz to 849 MHz. This base station transceiver (RU) supports modulation type GMSK and 8PSK for GSM, and QPSK, 16QAM and 64QAM for WCDMA. 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 broadband PCS services as per 47 CFR Part 22 subpart H. It meets the requirements of 3GPP specification for operation in GSM and WCDMA cellular systems.

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

New with this base station transceiver (Radio Unit – RUS 01 B5): (1) Supports LTE (Long Term Evolution) within the (3GPP) with Channel Bandwidth of 1.4 MHz, 3 MHz, 5 MHz, 10 MHz, 15 MHz and 20 MHz. It supports modulation type QPSK, 16QAM and 64QAM. It meets the requirements of 3GPP specification for operation in UMTS 3G (Universal Mobile Telephone System) in the radio access referred to as the E-UTRAN (Evolved UMTS Terrestrial Radio Access Network). (2) Changes matching capacitors in PA main pre-driver to improve EMC performance at high frequency without affecting the inband performance.

The Exhibit 8 user manuals 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 accept by this request the agreement set out in the document "Bilaga SPCR 125 -Avtal om marknads kontroll 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
Kista, SE-164 40 Stockholm, Sweden
Telephone No.: +46 10 7175949
e-mail: christer.gustavsson@ericsson.com