

Prepared (also subject responsible if other) EAB/FJB/SV Christer Hjorth		No.		
Approved	Checked	Date 2011-03-07	Rev B	Reference

Federal Communications Commission
Authorization & Evaluation Division
7435 Oakland Mills Road
Columbia, Maryland 21046
Attention: Equipment Authorization Branch
Feb 18, 2011

SP Technical Research Institute of Sweden
Box 857
SE -501 15 Borås
Sweden

Subject: Certification for FCC ID: TA8AKRC11874-1

To Whom It May Concern:

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

This Remote Radio Unit multi-Standard (RRUS) is designed for use in GSM, WCDMA 1900 MHz cellular telephone system. The transmitter will operate in band 2 from 1930 MHz to 1990 MHz. The receiver circuit supports 1850 MHz to 1910 MHz. This Remote Radio Unit multi-Standard (RRUS) supports modulation type GMSK and 8PSK for GSM, and QPSK, 16QAM and 64QAM for WCDMA. The base station operates in the broadband PCS services as per 47 CFR Part 24 subpart E. It meets the requirements of 3GPP specification for operation in GSM, WCDMA and LTE cellular systems.

New with this remote radio unit (RRUS-RRUS 01 B2): The difference between the earlier tested R1A and R1C is that the inside PA board ROA 128 3642/1 was updated from R2B to R2C/A with component value changes. Also some capacitors have been mounted in prepared places on the circuit board. The circuit layout has not been changed for these component changes. The changed capacitors in the PA main pre-driver changes to increase Psat margin, decrease power consumption and avoid a harmonic risk.

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 marknadskontroll för radioutrustning certifierad för USA-marknaden".

Ericsson AB requests confidentiality according to attached letter.

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

Christer Hjorth
Integration & Verification Engineer Ericsson AB
FCC Registration Number (FRN): 0013476155
Ericsson AB, Lindholmspiren 11
417 56 GÖTEBORG
Sweden
Telephone No.: +46 10 712 3157
Fax No.: +46 10 712 6033
e-mail christer.hjorth@ericsson.com