

Prepared (also subject responsible if other) ERAPHEL		No. TA8AKRC161198-1 Uen		
Approved EAB/FJR/VA (Per Helmersson)	Checked	Date 2010-06-28	Rev A	Reference

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

SP Sveriges Provnings- och Forskningsinstitut
Brinellgatan 4
Box 857
S-501 15 Borås
Sweden

June 28, 2010

Subject: Certification for FCC ID: TA8AKRC161198-1

Gentlemen;

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

This base station transceiver (Radio Unit – RUG 11 B2) is designed for use in the GSM 1900 MHz cellular telephone system. The transmitter will operate from 1930.2 to 1989.8 MHz. The receiver circuit supports 1850.2 to 1909.8 MHz. This base station transceiver supports modulation type GMSK and 8PSK. This transceiver 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 1900 MHz broadband PCS services as per 47 CFR Part 24 subpart E. It meets the requirements of GSM1900 11.10-1 version 4.19.1 specification for operation in GSM cellular systems.

This base station transceiver will in normal mode operate at a nominal power out of 45.5 dBm for GMSK and 42.2 dBm for 8-PSK at the antenna connector when without combined and 42.0 dBm for GMSK and 38.7 dBm for 8-PSK when combined. In TCC mode with two transmitters combined on the same frequency the nominal output power is 48.0 dBm for GMSK and 44.7 dBm for 8-PSK.

Due to the too wide frequency spectrum at the band edges, the channel 512 – 1930.2 MHz and channel 810 – 1989.8 MHz can not be used.

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.

Sincerely,

Per Helmersson
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