

Prepared (also subject responsible if other) EAB/FJR/VA Per Helmersson		No. TA8AKRC161194-1 Uen		
Approved EAB/FJR/VA (P Helmersson)	Checked	Date 2010-06-18	Rev C	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 18, 2010

Subject: Certification for FCC ID: TA8AKRC161194-1

Gentlemen;

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

This base station transceiver is designed for use in the GSM 850 MHz cellular telephone system. The transmitter will operate from 869.2 to 893.8 MHz. The receiver circuit supports 824.2 to 848.8 MHz. This base station transceiver (RU) supports modulation type GMSK and 8PSK. This base station 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 850 MHz broadband PCS services as per 47 CFR Part 22 subpart H. It meets the requirements of GSM1900 11.10-1 version 4.19.1 specification for operation in GSM cellular systems.

These base station transceiver will in normal mode operate at a nominal power out of 46 dBm for GMSK and 42.7 dBm for 8-PSK at the antenna connector when without combined and 42.5 dBm for GMSK and 39.2 dBm for 8-PSK when combined. In TCC mode with two transmitters combined on the same frequency the nominal output power is 48.5 dBm for GMSK and 45.2 dBm for 8-PSK.

Due to the too wide frequency spectrum at the band edges the output channel 128 – 869.2 MHz and channel 251 – 893.8 MHz can not be used both for GMSK and 8-PSK mode.

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,

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