

Prepared (also subject responsible if other)		No.		
EAB/RBI/R Per Helmersson and Björn Rosenquist				
Approved	Checked	Date	Rev	Reference
KI/EAB/RBI/R (P Helmersson)		2005-04-05	C	B5KAKRC1311010-2

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

March 23, 2005

Subject: Certification for FCC ID: B5KAKRC1311010-2

Gentlemen;

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

This base station transceiver is designed for use in the GSM 800 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. The base station operates in the 800 MHz broadband Cellular services as per 47 CFR Part 22 subpart H, 22.901 (d). It meets the requirements of GSM1900 11.10-1 version 4.19.1 specification for operation in GSM cellular systems except for the output frequency range.

This transceiver will in normal mode operate at a nominal output peak power of 45.5 dBm at the antenna connector. The power output is reducible to ~0.3 watts.

Due to the too wide frequency spectrum at the band edges in GMSK mode the output power in channel 128 – 869.2 MHz has to be reduced with 4 dB and channel 251 – 893.8 MHz has to be reduced with 3 dB. In 8-PSK mode there is no need to reduce the output power at the band edges.

The transceiver has to be used together with a MCPA (separately certified) and a CDU-L which is a unit containing, among other circuits, a filter for the transmitted signal.

Ericsson AB requests confidentiality under CFR 0.459. Confidentiality for the following exhibits is requested:

Exhibit 5 Part 1 Schematics
 Exhibit 5 Part 2 Schematics
 Exhibit 8 Internal manuals
 Exhibit 9 Internal Photos

The Radio Base Station (RBS) is always installed and placed in an area with access only to authorize personal. Sensitive information, such as internal photos and manuals is not available for general public in any form. Only customer with a Non-Disclosure Agreement (NDA) in place will get access to sensitive information. So the only way a competitor could get technical information on the RBS is from FCC records.

Justification of this request is in order to protect the large investment in developing this technology and to facilitate the circuit miniaturization utilized in this design and protect the innovative design as well as proprietary techniques, which are implemented. In order to protect Ericsson's competitive advantage on these proprietary techniques, we request the above listed exhibits be held as confidential and withheld from the Public Information File.

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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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