Prepared (also subject responsible if other)		No.		
EAB/FJG/VR Per Helmersson		B5KEKRC1311004-2 Uen		
Approved	Checked	Date	Rev	Reference
KI/EAB/FJG/VR (P Helmersson)		2007-06-08	A	

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 8, 2007

Subject: Certification for FCC ID: B5KEKRC1311004-2

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 1900 MHz cellular telephone system. The transmitter will operate from 1930.2 to 1989.8 MHz. The receiver circuit supports 1850.2 to 1809.8 MHz. 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. The transceiver can be used in the base station models RBS 2106, RBS 2106V3 RBS 2107, RBS 2206, RBS 2206V2 and RBS 2207.

These base stations will in normal mode operate at a nominal power out of 45 dBm for GMSK and 41 dBm for 8-PSK at the antenna connector when using combiner unit CDU-G, CDU-J or CDU-K and 41 dBm for GMSK and 38 dBm for 8-PSK when using CDU-F. In TCC mode with two transmitters combined on the same frequency the nominal output power is 46 dBm for GMSK and 44 dBm for 8-PSK. TCC can only be used together with CDU-G, CDU-J and CDU-K. The power output is reducible to ~0.3 watts.
Due to the too wide frequency spectrum at the band edges the output power has to be reduced. With CDU-G, CDU-F, CDU-J and CDU-K in both GMSK and 8-PSK mode the output power in channel 512 – 1930.2 MHz and channel 810 – 1989.8 MHz has to be reduced to a maximum of 37 dBm.
The power reduction is done by database settings in the switch software and is a part of the cell planning by the operator.

Ericsson AB requests confidentiality under CFR 0.459. Confidentiality for the following exhibits is requested:
Exhibit 4 Block diagram
Exhibit 5 Part 1 Schematics
Exhibit 5 Part 2 Schematics
Exhibit 8 Internal manuals
Exhibit 9 Internal photos
Exhibit 12 Circuit description

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.

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.

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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"

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

Sincerely,

Per Helmersson
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