Prepared (also subject responsible if other)		No.		
EAB/RBI/R Per Helmersson				
Approved	Checked	Date	Rev	Reference
KI/EAB/RBI/R (P Helmersson)		2004-09-29	A	B5KCKRC1311005-2

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

September 29, 2004

Subject: Certification for FCC ID: B5KCKRC1311005-2

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 50 W at the antenna connector. In TCC mode with two transmitters combined on the same frequency is the nominal output peak power 100 W. The power output is reducible to ~0.3 watts.

Due to the too wide frequency spectrum at the band edges the output power in channel 128 – 869.2 MHz and channel 251 – 893.8 MHz has to be reduced with 6 dB in GMSK mode and 3 dB in 8-PSK mode.

The transceiver has to be used together with a CDU-G or CDU-J which is a unit containing, among other circuits, a filter for the transmitted signal. CDU-G and CDU-J have the same transmitter path.

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

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.

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

Sincerely,

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