

Prepared (also subject responsible if other) EAB/RBI/R Per Helmersson		No. B5KCKRC1311004-2 Uen		
Approved KI/EAB/RBI/R (P Helmersson)	Checked	Date 2004-04-30	Rev A	Reference

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

Radio Frequency Investigation Ltd  
Ewhurst Park  
Ramsdell  
Basingstoke  
Hampshire  
RG26 5RQ  
United Kingdom

April 30, 2004

Subject: Certification for FCC ID: B5KCKRC1311004-2

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 1930.4 to 1989.6 MHz. The receiver circuit supports 1850.4 to 1809.6 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.

This base station will in normal mode operate at a nominal power out of 45 dBm at the antenna connector. In TCC mode with two transmitters combined on the same frequency is the nominal output power 47 dBm. The power output is reducible to ~0.3 watts.

In order to fulfill the band edge requirements the output power in channel 512 – 1930.2 MHz and channel 810 – 1989.8 MHz has to be reduced to 39 dBm and 41 dBm in TCC mode. 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 5 CPU Part Schematics  
Exhibit 5 RF Part 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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