

Prepared (also subject responsible if other)		No.		
EAB/RTL/I Palle Zetterstrand		B5KAKRC161028-1		
Approved	Checked	Date	Rev	Reference
EAB/RTL/I (P. Zetterstrand)		2005-03-08	A	

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

March 08, 2005

Subject: Certification for FCC ID: B5KAKRC161028-1

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 to 894 MHz. The receiver circuit supports 824 to 849 MHz. The base station operates in the 800 MHz cellular radiotelephone 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 base station will in normal mode operate at a nominal power output of 20 watts at the antenna connector. The power output is reducible to ~20 milliwatts. The output power for the channels adjacent to each frequency block edge must be reduced by 4 dB for the 245KG7W(8PSK) and 245KGXW(GMSK) emissions as documented in this filing.

Ericsson AB requests confidentiality under CFR 0.459. Confidentiality for the following exhibits is requested:  
Exhibit 5 CPU Part Schematics  
Exhibit 5 Radio 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,

Palle Zetterstrand  
Verification Engineer  
Ericsson AB  
Lindholmospiren 11  
SE-417 56 Göteborg  
Sweden  
Telephone No.: +46 31 747 19 75  
Fax No.: +46 31 747 60 33  
e-mail palle.zetterstrand@ericsson.com