ERICSSON

Prepared (also subject responsible if other)		No.		
KI/ERA/SRN/TR Larry Lindström +46 8 7641273				
Approved	Checked	Date	Rev	Reference
ERA/SRN/TR (Larry Lindström)		01-06-19	A	B5KKRC13149-15

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
Attention:

June 19, 2001

Subject: Permissible change class II for FCC ID: B5KKRC13149-15

Gentlemen,

Ericsson Radio Systems AB. requests a permissible change class II of Certification (Type Acceptance) for the above mentioned FCC Identifier.

The changes are:
The power amplifier transistors V203 and V212, the power supply transistors V10 and V11 and the operational amplifier D102 are changed to equivalents from another manufacturer. The EEPROM N208 is excluded. Those components are mounted on the same circuit board, which will have the Internal Ericsson No ROA 117 9348/4, which is new due to repair handling. This board is interchange-able with the old board ROA 117 9348/2.

In exhibit 6 it is declared that the occupied bandwidth at the band edges (channel 512 – 1930.2 MHz and channel 810 – 1989.8 MHz) are measured at a power level of 39 dBm. This is because of to wide frequency spectrum at the band edges with stated maximum output power of 45 dBm. This was not clearly stated in the old filing.

In exhibit 10.6 for the old filing were information about the power amplifier transistors V203 and V212 missing in the list for active components on the printed board No ROA 117 9348/2. Both components are shown in exhibit 5 in the drawing 1911-ROA 117 ROA 117 9348/2 in the old filing.

This base station is designed for use in the GSM 1900 MHz cellular telephone system. The base station will operate from 1930.2 to 1989.9 MHz. This 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 operate at a maximum power out of 31 watts at the antenna connector of the TRX unit. The power output is reducible to ~0.3 watt. There are four versions of the RBS 2000 Family. Each is described in detail in Exhibit 8.

The statement concerning MPE compliance for this base station is contained in exhibit 11.

Ericsson Radio Systems AB requests confidentiality under CFR 0.459. Confidentiality for the following exhibit is requested:
Exhibit 5.....Circuit Diagrams

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.

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Sincerely,

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