

September 26, 2000

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

Subject: Certification for FCC ID: AXATR-414-A2

Gentlemen,

Ericsson Inc. requests a grant of certification for the above mentioned FCC Identifier. This portable transceiver is designed for use in the GSM 1900 cellular telephone system. The mobile operates in the 1900 MHz Domestic Public Cellular Radiotelephone Communications Services, as per 47 CFR Part 24. It also is designed to operate in the 900MHz band in Europe. The mobile will only communicate in the 1900MHz band in the Americas and not the 900MHz band. This is due to the mobile's requirement of having a 900MHz signal with the proper GSM protocol. Without these two requirements, the mobile will not communicate. It meets the requirements of GSM1900 11.10-1 version 4.19.1 specification for operation in GSM cellular systems.

The mobile operates in a temperature range of -10 to +55 degree C. This range is specified in the GSM air interface document. Employing temperature protection in the mobile controls the operating temperature range.

The organizer function of the mobile allows the user to download contact information as well as Email information to the mobile from a personal computer via a RS232 cable. The mobile was tested with the RS232 cable and personal computer and found compliant with 47 CFR Part 15, subpart B. This mobile is submitted as a composite device as we are submitting a request for certification as a peripheral.

Measurements and calculations for SAR have been made on this radio. This unit complies with IEEE C95.1-1991 (ANSI/IEEE C95.1-1992).

Ericsson Inc. requests confidentiality under 47 CFR 0.459 for the following exhibit listed:

Exhibit 4	Block Diagrams
Exhibit 5	Circuit Diagrams
Exhibit 10	Parts List and Tune Up Information
Exhibit 12	Operational Description

Exhibits 4, 5, 10 and 12 are marked CONFIDENTIAL on the electronic filing submission.

Justification of this request is that in order to facilitate the circuit miniaturization of the AXATR-414-A2, certain proprietary techniques and custom components were implemented to reduce the board space required for the RF circuitry layout and the unique method of employing an organizer capabilities in the mobile. To protect Ericsson's competitive advantage on these proprietary techniques, we request the above listed exhibit be held as confidential and withheld from the Public Information File.

Sincerely,

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