

June 18, 1999

Federal Communications Commission Authorization & Evaluation Division 7435 Oakland Mills Road Columbia, Maryland 21406

Attention: Equipment Authorization Branch

Subject: Certification for FCC ID: AXATR-400-A2

Gentlemen,

Ericsson Inc. requests certification (type acceptance) for the AXATR-400-A2. This OEM module transceiver is designed as a mobile for use in the AMPS/DAMPS cellular telephone system operating in the 800 MHz Domestic Public Cellular Radiotelephone Communications Services per Subpart H of part 22. This OEM module meets the requirements of IS-137A for operation in cellular systems.

This OEM module is similar to previously type accepted FCC ID: AXATR-372-A2.

Ericsson requests an exclusion from routine RF exposure measurements based on the discussion presented in Exhibit 11, RF Exposure Evaluation, and communications with Kwok Chan on 5/18/99. The primary reason for this request is due to hardware limitations of our burst mode making MPE evaluation infeasible because the module does not have a normal operating mode that would support the duration of an RF exposure evaluation. Due to the inherent duty cycle properties of the burst modem mode, the resultant worst case *average* ERP is 1.27 Watts, which is below the 1.5-watt threshold for excludability. Furthermore, the analysis of the maximum RF exposures under worst-case and typical conditions clearly demonstrates compliance with the amended FCC rules. We have included specific instructions and warnings in Exhibit 8, OEM Interface Manual, regarding minimum separation distance, maximum antenna gain, and that use as a portable transmitter will require separate FCC approval for SAR compliance.

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

Exhibit 4 Block Diagram
Exhibit 5 Schematic Diagrams

Justification of this request is that in order to facilitate the circuit miniaturization of the AXATR-400-A2, proprietary techniques were implemented in the transmitter, receiver, and baseband circuitry. 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.

Tel No:

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(919) 472-6460

(919) 472-7452

Sincerely,

Jim Sponsler Staff Engineer, Regulatory Services Research Triangle Park, NC



June 18, 1999

Federal Communications Commission Equipment Approval Services PO Box 358315 Pittsburgh, PA 15251-5315

Subject: Enclosed a check for Type Acceptance and Confidentiality follows:

FCC ID FEE

AXATR-400-A2 \$ 580.00

Sincerely,

John Rothgeb Specialist Regulatory Programs Room 2669

Tel: (804) 592-7476 Fax: (804) 592-6510

Enclosures: Check

Filing for Equipment Approval Branch