



Federal Communications Commission  
OET Laboratory  
7435 Oakland Mills Road  
Columbia, Maryland 21046

9-1-00

Subject: Permissive change on FCC ID: AXATR-395-A2

Gentlemen,

Ericsson Inc. is submitting a class 2 permissive change as per 47CFR part 2.1043 for FCC ID AXATR-395-A2.

Ericsson is introducing a new model, T28Z, which is a variant of the existing certified product.

The presently certified product is a dual band 900MHz GSM and 1900 MHz GSM mobile certified for 1900 MHz to CFR47 Part 24. The 900MHz GSM operation is designed for use in Europe and cannot operate domestically. The new product is electrically identical to the existing product. The variant blocks the 900 MHz operation through firmware set at the factory. No other changes are made between the two models.

A copy of the cover sheet dated November 19, 1999 for the original submittal is included for your reference.

We are requesting a statement be added to the grant to reflect that the mobile may be set as a single band mobile through firmware set at the factory.

No other changes, electrical or mechanical, have been made to the mobile phone thus we did not include any test results. Results of the SAR test showed no degradation from the existing certified product.

If you have any questions or concerns, feel free to contact me.

Jim Sponsler

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November 19, 1999

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

Subject: Type Acceptance for FCC ID: AXATR-395-A2

Gentlemen,

Ericsson Inc. requests a grant of Type Acceptance 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 was tested and found compliant with 47 CFR Part 15, subpart B.

The mobile operates in a temperature range of -20 to +60 degree C. This range is specified in the GSM air interface document. Employing temperature protection in the mobile controls the operating temperature range. Upon the temperature of the mobile exceeding this range, the mobile shuts down as indicated in the power versus temperature and frequency versus temperature plots.

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-395-A2, certain proprietary techniques and custom components were implemented to reduce the board space required for the RF circuitry layout. These techniques are applicable to the design of the power amplifier and a unique method of implementing modulation. 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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