

# EricssonZ

February 9, 1999

Federal Communications Commission  
Authorization & Evaluation Division  
7435 Oakland Mills Road  
Columbia, Maryland 21046

Attention: Equipment Authorization Branch

Subject: Certification for FCC ID: AXAKRC121105-1

Gentlemen:

Ericsson Inc. requests a grant of Certification under Part 22, and Part 24 of the Code of Federal Regulations (CFR) Title 47 for the above mentioned FCC Identifier.

This Base Station Transceiver is designed for use in the Public Mobile Services, Cellular Radiotelephone Services (Part 22, Subpart H), and the Personal Communications Services, Broadband PCS (Part 24, subpart E). This Transceiver is a fully digitized TDMA system in both requested services.

Ericsson Inc. requests confidentiality under CFR 0.459. Confidentiality for the following exhibits are requested:

Circuit Diagrams

Circuit and Device Description

Photographs of the circuit board for the TRX unit

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.

The TRX radio head consists of 4 transmitter (TX1, 2, 4, and 5) units and one transceiver (TRX3) (Transmitter and Receiver) unit, all of which utilize a common printed circuit board, so a single identifier will be used for all.

The transmitter and transceiver output power range is from .025 Watts (14 dBm) to .000630 Watts (-2 dBm), and is continuously variable in 4 dB steps.

If additional information is needed, please contact me at the following numbers:

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Sincerely,  
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