



Date: January 21, 1999.

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

Sub: APPLICATION FOR CERTIFICATION OF TRANSMITTER FCC ID: AZ489FT5793.

Gentlemen:

Motorola Inc., 8000 W Sunrise Boulevard, Fort Lauderdale, FL., herein submits it's application for Certification of the subject transmitter.

This transmitter is primarily intended for use as a time division multiplexed (TDM) transmission on a voice or data channel employing Quad 16QAM, Quad-64QAM and Quad-QPSK modulation with base station controlled RF power output capability of 2.4 milliWatt to 0.6 watts, average pulse power.

In accordance with 47 CFR 2.1093(c), this transmitter may be used in "covered" SMR service so it has been subjected to routine environment evaluation for RF exposure and found to be compliant with the limits specified in 47 CFR 2.1093(d).

Motorola Inc is requesting that the Circuit Descriptions (Exhibit 4.1, 4.2, 4.3, 4.4, 4.5), Circuit Diagram (Exhibit 5), Internal Photographs (Exhibit 9) and Semiconductor/Active Device List (Exhibit 10) not be made routinely available for public inspection per Rule Part 0.457(d). These exhibits reflect new modulation techniques, new technologies, and pending Patent applications.

The subject transmitter complies with 47 CFR 90.203 of the rules in that the operator cannot directly program transmit frequencies using only the unit's normally accessible external controls.

Enclosed is a complete Certification Application. Contact me at (954) 723-5793 if you require any additional information.

Regards,

Mike Ramnath
FCC Liaison