



MOTOROLA

FCC ID: AZ492FT5860

2nd March 2006

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

Subject: Application for Certification of Transmitter with FCC ID: AZ492FT5860,
HPD1000.

Gentlemen:

Motorola Inc, 8000 West Sunrise Boulevard, Fort Lauderdale, Florida, herein submits application for Certification of the subject transmitter.

This transmitter is intended for use in a Mobile Transmitter environment with capabilities for clear and coded communications with a variable transmit power of 15-42 Watts in the frequency range 764 – 870 MHz (APCO Mode) and 1-12 Watts Average in the frequency range 794-824 MHz (HPD Mode).

However, to aid equipment authorization in foreign countries which accept United States FCC Grant for equipment authorization, Motorola is asking the FCC to list on the FCC Grant the following frequencies: 764-870 MHz in APCO Mode.

The High Performance Data (HPD) transceiver utilizes two data modes in the 7/800 MHz band. The APCO 25 mode is continuous carrier frequency modulation (C4FM) and HPD or SAM25 mode operates with adjustable 4, 16 and 64QAM. APCO and HPD modes use channel spacing of 12.5 and 25 kHz respectively and supports data transmission rates of 32 kbps, 64 kbps or 96 kbps in half/simplex and Full Duplex operation. There is no voice operation.

We are requesting Certification under Part 90 of the Commission's Rules to allow operation of this equipment.

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

A complete Certification application is enclosed. If you require any additional information, please contact me at (954) 723-5793

Sincerely,
/s/ Mike Ramnath (signed)
Mike Ramnath
Manager, Regulatory Compliance
Email: Mike.Ramnath@motorola.com



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EXHIBIT 13