



11<sup>th</sup> November 2004

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

Gentlemen;

Motorola Inc., 8000 West Sunrise Boulevard, Fort Lauderdale, Florida 33322, herein submits its application for Certification of the transmitter with FCC ID: AZ489FT5842. This transmitter operates in the ISM band (902 – 928 MHz). Certification is sought for this transceiver under FCC Rule Part 15c, and performance data is provided for that purpose.

This transceiver is frequency hopping spread spectrum operating in the unlicensed ISM (902-928 MHz) band. It uses an FSK (Frequency Shift Key) modulation, 50 kHz spacing up to 1 watt. The protocol is defined to have 10 interleaved hopsets of 50 frequencies each with 500 kHz separation between set members. All 10 hopsets span the entire ISM band.

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 comprised of 13 Exhibits. Contact me at (954) 723-5793 if you require any additional information.

Sincerely,

*/s/ Mike Ramnath (signed)*

Mike Ramnath  
Manager, Regulatory Compliance  
Email: Mike.Ramnath@motorola.com



**MOTOROLA**

FCC ID: AZ489FT5842

**CONFIDENTIALITY AND SHORT-TERM CONFIDENTIALITY REQUESTED**

Date: 11th November 2004

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

Subject: Confidentiality Request for Transmitter with **FCC ID: AZ489FT5842**.

Dear Sir or Madam:

Motorola is requesting that Exhibit 4 (Circuit Descriptions), Exhibit 5 (Schematic Diagrams), Exhibit 10 (Parts List and Tune-Up Procedures), and Exhibit 12 (Operational Description) not be made routinely available for public inspection. Motorola considers the information in these exhibits to be classified as trade secrets, pursuant to 47 CFR Section 0.457(d) and Section 552(b)(4) of the Freedom of Information Act.

We are also requesting that the FCC mark Exhibit 3 (External Photographs), 8a and 8b (Users Manual) and Exhibit 9, (Internal Photographs) as Temporary or Short-Term Confidentiality as outlined in Public Notice DA 04-1705, dated June 15, 2004. This provision will give Motorola temporary confidentiality prior to product launch.

**Please mark Exhibits 4, 5, 10, and 12 as "Confidential" and Exhibit 3, 8a and 8b, and 9 as "Short-Term Confidential".**

Please contact me if you require any additional information.

Sincerely,  
*/s/ Mike Ramnath (signed)*  
Manager, Regulatory Compliance  
Tel: (954) 723-5793  
E-mail: [Mike.Ramnath@motorola.com](mailto:Mike.Ramnath@motorola.com)

**Exhibit 13b**