



17 April 2012

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

Subject: Application for Certification of transmitter with FCC ID: IHDT56NH4, PCS (WCDMA/GSM) Handsets, with W-Fi and Bluetooth.

Gentlemen;

Motorola Mobility, Inc.; 8000 W. Sunrise Blvd.; Plantation, FL 33322 herein submits its application for certification of the multi-mode handset with FCC ID: **IHDT56NH4**.

The primary transceiver in this composite device operates in the 850 MHz Public Mobile Service (PMS), 1700 MHz AWS and the 1900 MHz Personal Communications Service (PCS). It supports WCDMA and GSM signaling, and employs EVDO/EDGE data transmission capabilities.

Note:

This device also contains functions, and operates within frequency bands, that are not authorized within the United States or its territories. This filing is only applicable to supported US operations.

This radio product is also equipped with a Wi-Fi (802.11b/g/n) transceiver. Wi-Fi supports both voice and data for short range wireless communications. The Wi-Fi Band of Operation is in the 2.4 GHz ISM band. The Wi-Fi device complies with the requirements of 15.247, 15.205, and 15.209 (b).

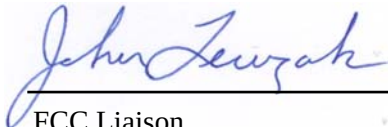
This radio product is also equipped with a Bluetooth (BT) transceiver. BT supports both voice and data for short range wireless communications. The Bluetooth Band of Operation is 2.4 - 2.4835 GHz (1 MHz channel bandwidth). The Bluetooth device complies with the requirements of FCC Rule Parts 15.247, 15.205 and 15.209 (b).

All transmitters contained in this radio product have been subjected to routine environmental evaluation (as applicable) according to 47 CFR Part 2.1093 (c) for RF exposure and found to be compliant with the limits specified in 47 CFR 2.1093(d)(2).

This radio product features an integrated GPS receiver, and is designed to function as a computer peripheral device when functioning as an RF modem, while connected to a computer via a data cable, as described in 47 CFR Part 15.3(r). A Part 15B test report is included for certification.

Enclosed is a complete Certification Application. Contact me at (954) 723-6272 if you require any additional information.

Regards,

A handwritten signature in blue ink, reading "John Lewczak", is positioned above a horizontal line.

FCC Liaison
Motorola Mobility, Inc.
8000 W. Sunrise Blvd.; Suite A
Mail Stop 52-5JJ
Plantation, FL 33322
E-mail: John.Lewczak@motorola.com