



11 June 2014

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

Subject: Application for Certification of transmitter with FCC ID: IHDT56PH2, PCS Handsets, with LTE, Wi-Fi, and Bluetooth.

Gentlemen;

Motorola Mobility LLC; 8000 W. Sunrise Blvd.; Plantation, FL 33322 herein submits its application for certification of the multi-mode handset with FCC ID: **IHDT56PH2**.

The primary transceiver in this composite device operates in the 850 MHz Public Mobile Service (PMS) and the 1900 MHz Personal Communications Service (PCS). It supports CDMA signaling, and employs CDMA 1X and EV-DO operating capabilities.

This mobile device is also equipped with an LTE transceiver. This LTE transceiver supports high-speed wireless data communications within LTE Bands 4, 5, 12, and 17, with channels up to 20 MHz in bandwidth. The LTE device complies with Part 22 (Subpart H), Part 24 (Subpart E) and Part 27 (Subpart C).

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 2.412 - 2.462 GHz for 802.11b/g/n operation. The Wi-Fi device complies 15.247, 15.205 and 15.209.

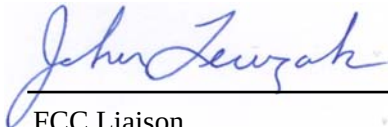
This radio product is equipped with a Bluetooth (BT) transceiver. BT supports both voice and data for short range wireless communications. The Bluetooth Band of Operation is 2.402 - 2.480 GHz (1 MHz channel bandwidth). The BT device complies with the requirements of FCC Rule Parts 15.247, 15.205 and 15.209.

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 receivers, 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) 590-0254 if you require any additional information.

Regards,

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

FCC Liaison
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