

FCC Class II Permissive Change Application



July 30, 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 Handsets, with Wi-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**.

Description of Transceiver:

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 HSPA/GPRS data transmission capabilities.

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.

Description of Changes:

Motorola Mobility requests a class II permissive change to add M&T Ratings on this handset. We attest that one model will only be associated with no more than one HAC Rating per FCC HAC requirements. We have submitted the HAC RF Emissions Report in this filing for reference

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purposes.

Impact of Change:

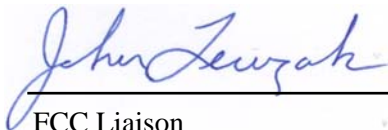
No EMC or SAR degradation is reported. All other aspects of the transmitter's performance remain unchanged, within measurement uncertainty, from that originally filed with the FCC for this ID.

Conclusion:

This transceiver continues to meet all FCC requirements for which the original authorization was granted. The changes described, therefore, meet the requirements for a Class 2 Permissive Change, in accordance with 47 CFR 2.1043.

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

Regards,



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