



19 February 2014

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

**Subject: Application for Class II Permissive Change to Certified transmitter with FCC ID: IHDT56PF1; XT1032, XT1033, and XT1035 Handsets, with Wi-Fi and Bluetooth.**

Gentlemen;

Motorola Mobility LLC; 8000 W. Sunrise Blvd.; Plantation, FL 33322 herein submits its application for a Class II Permissive Change to the certified multi-mode handset with FCC ID: **IHDT56PF1**.

**Description of Transceiver:**

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 GSM signaling, and employs GPRS Class 12 and EDGE Class 12 capabilities. This transceiver also operates in the WCDMA mode in these bands.

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 (c) and 15.209 (b).

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. The BT device complies with the requirements of FCC Rule Parts 15.247 (c), 15.205 and 15.209 (b).

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).

**Description of Changes:**

An alternative Rear Housing is being added to the portfolio of device configurations. This new housing is of a different material, which had an apparent impact to high-frequency SAR performance.

**Impact of Change:**

The performance of all applicable and reportable operating parameters under FCC Rule Part 22H, Part 24E, and Part 15B/C were evaluated and compared with data originally filed. In particular, the RF Exposure performance (per 47 CFR 2.1093), Radiated Emissions, and other characteristics (per 47 CFR 2.1046 – 2.1055, as required) were evaluated.

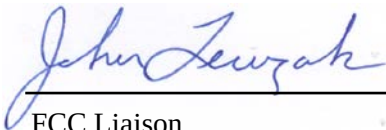
The level of SAR in the 2.4 GHz band, when tested against the head, increased beyond what could be accounted for by measurement repeatability. The new level remains compliant with FCC limits, with significant margin. *All other aspects of the transmitter's performance (including HAC performance) remain 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 are the SAR test report and amended Statements of Certification. Contact me at (954) 590-0254 if you require any additional information.

Regards,



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**Attachments:**

1. Exhibit 2 (Statements of Certification).
2. Exhibit 11 (SAR Test Report Amendment).
3. Exhibit 7 (SAR Test Set-up Photographs).