9 August 2016

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: IHDT56VC2, PCS Handsets, with LTE, Wi-Fi, Bluetooth, and NFC.

Gentlemen;

Motorola Mobility LLC; 222 W. Merchandise Mart Plaza; Chicago, IL 60654 herein submits its application for a Class II Permissive Change to the certified multi-mode handset with FCC ID: **IHDT56VC2.**

Description of Certified Transceiver:

The primary transceiver in this composite device operates in the 850 MHz Public Mobile Service (PMS), the 1700 MHz Advanced Wireless Service (AWS), and the 1900 MHz Personal Communications Service (PCS), supporting WCDMA signaling. It also supports GSM signaling in the 850 MHz and 1900 MHz bands, and employs GPRS Class 12 and EDGE Class 12 capabilities.

This mobile device is also equipped with an LTE transceiver. This LTE transceiver supports high-speed wireless data communications within LTE Bands 2, 4, 5, 7, 12, 17, 38, and 41, with channels up to 20 MHz in bandwidth. The LTE device complies with Part 22 (Subpart H), Part 24 (Subpart E), Part 27 (Subpart C), Part 22 (Subpart H), and Part 27 (Subpart C).

This radio product is also equipped with a Wi-Fi (802.11a/b/g/n) transceiver. Wi-Fi supports both voice and data for short range wireless communications. The Wi-Fi Bands of Operation are 2400 – 2483.5 MHz ISM band, 5150 – 5250 MHz U-NII Band 1, 5250 – 5350 MHz U-NII Band 2A band, 5470 – 5725 MHz U-NII Band 2C, and 5725 – 5850 MHz U-NII Band 3 for 802.11a/b/g/n/ac operation. The Wi-Fi device complies 15.247, 15.407, 15.205 and 15.209.

This device 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.

This product also supports NFC operation as a low-power itinerant transmitter

Description of Changes:

An attachment is being added to this device's accessory portfolio, which provides the capability for charging the phone on any WPC-compliant wireless charging pad.

The subject device is also being certified for Hearing Aid Compatibility. No hardware changes, and only minor software changes, were required to accomplish this.

Note that, since this device has not yet been introduced onto the market, there is no need to change the model number to provide differentiation in the field.

Impact of Change:

Per the procedures described in KDB Publication 648474 D03 *(Wireless Chargers Battery Cover)* a Class II Permissive Change filing is required. This device, with the new accessory attachment, has been evaluated for EMC, SAR, and HAC impact. Specifically, performance of all applicable operating parameters under FCC Rule Parts 2, 15, 20, 22, 24, and 27 were evaluated, with the result that the device continues to be compliant with FCC performance requirements. In particular, an assessment of RF Exposure performance (per 47 CFR 2.1093) was done, and the observed levels remain compliant with FCC limits, with significant margin.

With respect to the addition of a HAC certification, testing was performed both with the wireless charging accessory connected, and without it.

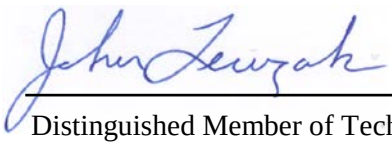
Note that no changes have been implemented, and none are contemplated, that would affect the PAG inquiry associated with the Original Equipment authorization in any way.

Conclusion:

The changes described meet the requirements for a Class 2 Permissive Change, in accordance with 47 CFR 2.1043, and the requirements of KDB Publication 648474 D03.

Enclosed are test reports and supplemental exhibits. Contact me at (954) 324-7707 if you require any additional information.

Regards,



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Attachments:

1. Statements of Certification.
2. Supplemental EMC test reports.
3. Supplemental SAR test report.
4. Supplemental HAC test reports.

5. Various Test Set-up Photographs.
6. Supplemental Operational Description.
7. External and Internal Photographs of Accessory.