



26 March 2013

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: IHDP56ND1, XT920 Series Handsets with 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: **IHDP56ND1**.

**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.

**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 Bands of Operation is 2.412 - 2.462 GHz for 802.11b/g/n operation. The Wi-Fi device complies 15.247 (c), 15.407, 15.205 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 (1 MHz channel bandwidth). The BT device complies with the requirements of FCC Rule Parts 15.247 (c), 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 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.

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

**Description of Changes:**

A single SIM variant of this device is being offered. The change constitutes the removal of the second SIM card holder, and some peripheral circuitry. All other aspects, and in particular the RF section, of the PC Board layout and design are unchanged.

**Impact of Change:**

The performance of all applicable and reportable operating parameters under FCC Rule Parts 22H 24E, and Parts 15B and C were evaluated and compared with the values originally filed. In particular, the RF Exposure performance (per 47 CFR 2.1093) was evaluated. It was noted that some SAR test configurations exhibited higher levels than were noted during the original equipment certification, by more than system uncertainty. 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 are an amended test report, and Statements of Certification. Contact me at (954) 723-6272 if you require any additional information.

**Attachments:**

1. Exhibit 2 (Statements of Certification).
2. Exhibit 9 (Supplemental Internal Photographs).
3. Exhibit 11 (Supplemental SAR Test Report).