



14 February 2012

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

Subject: Application for a Class II Permissive Change to Certified transmitter with FCC ID: IHDP56ME2, PCS (WCDMA/GSM) Handsets, with W-Fi and Bluetooth.

Gentlemen;

Motorola Mobility, Inc.; 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: **IHDP56ME2**.

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 and WCDMA signaling, and employs HSPA/EDGE data transmission capabilities.

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 Band of Operation is in the 2.4 GHz ISM band and the 5 GHz U-NII band. The Wi-Fi device complies with the requirements of 15.407, 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).

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:

The equipment was originally authorized with a HAC rating of M3. This application intends to add a Telecoil rating of T3 to grant. This change is accomplished entirely by modification to the device's software. No hardware changes of any kind are implemented.

Impact of Change:

The change adds capability to warrant a T3 rating for Telecoil HAC performance. There is no additional impact to any parameters already on file with the FCC for this device. Note that, per KDB 285076 D01 (*HAC Guidance*) paragraph 17, complete M and T reports are being submitted with this application. Further, since the change is entirely in the software, and Motorola intends to push the updated software to all units already in the field, the requirement to assign a model number distinct from the prior version of the handset (per KDB 285076 D01, paragraph 15) should not apply to this application. Details of this are provided in Exhibit 12.

Note also that the required User Manual notifications (per 20.19) are present in the User Guide originally filed for this device, so no updated exhibit is necessary.

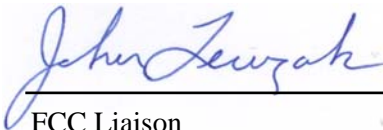
Finally, note that this device was originally approved under a PBA Inquiry. However, since no changes affecting the PBA are being made, no additional PBA Inquiries are necessary (per KDB388624 D01).

Conclusion:

This transceiver continues to meet all FCC requirements for which the original authorization was granted, as well as those for the new usage configuration. 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 (847) 523-6167 if you require any additional information.

Regards,



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Attachments:

1. Exhibit 2 (Statements of Certification).
2. Exhibit 6H (RFI HAC Test Report).
3. Exhibit 6I (T-Coil HAC Test Report).
4. Exhibit 7C (Test Set-up Photographs).
5. Exhibit 12 (Operational Description).
6. Exhibit 13B (Confidentiality Request)