Date: February 10, 2007

Subject: Request for additional information regarding FCC ID: IHDT6HQ1

Reference:
Correspondence Reference Number: IHD7001
Confirmation Number: 701030001-03
Date of Original Email: February 6, 2007

Prepared by:
Andrew Bachler, Principal Staff Engineer
Motorola Mobile Device Business
Libertyville, Illinois

1. Please submit a drawing or photo of the FCC ID label, and indication of the label's location, and verification that the label will be readily visible at the time of purchase.

   Response: Please see FCC Exhibit 1 which was uploaded to the TCB website on 12-29-2006. The label's location will be as shown in FCC Exhibit 3 and the label will be readily visible at the time of purchase.

2. Several items in the Part 24 EMC Report, the Bluetooth Test Report, and the Part 15B Test Report are listed as being past their cal due dates. Please address.

   Response: All testing was performed using equipment that was within calibration at the time that the test was performed. No equipment listed in the equipment table was used after the specified calibration due date. If, during the course of product testing, a piece of equipment went out of calibration and that piece of equipment was needed to complete product testing, a similar piece of calibrated equipment was substituted. If a substitution was made, that new piece of equipment would be listed in the equipment table along with the piece that was removed from service.

3. It appears that body SAR tests were only performed in GPRS/EDGE Class 10 mode, however, the Operational Description lists a Class 12 GPRS/EDGE option. Is this mode available? If so, please provide body SAR data with the EUT operating in this mode.

   Response: This cellular phone is multislot Class 11 (3 timeslots in uplink) and Class 12 (4 timeslots in uplink) capable in GPRS and EDGE (8PSK) modes. The software within the phone has been designed to reduce the peak power of the pulse by 3.5 dB when Class 11 or 12 is being used. The worst case addition of two timeslots when transitioning from multislot Class 6 or 10 (already using 2 timeslots in the uplink) to Class 12 (using a total of 4 timeslots in the uplink) would add 3 dB to the average power. Since software reduces the peak power by 3.5 dB this overcomes the 3 dB increase to the average power to result in a net 0.5 dB loss of average power when using 4 timeslots in the uplink. For this reason, multislot Class 10 was used to perform SAR tests in both GPRS and EDGE modes.

CONTINUED ON PAGE 2 …

From Gregory Czumack's follow-up email dated 02-09-2007, after our initial response to questions:
Thank you for your response to our questions pertaining to the referenced application. Regarding your response to question #3- if the output power is reduced by 3.5 dB when in GPRS Class 12 mode, this should be reflected in the table on p.3/53 of the SAR Test Report. Please correct the table and resubmit the SAR report.

Response: We uploaded a revised Exhibit 11 (SAR Report) to the TCB website on 02-10-2007 to correct the table.

4. Please provide a copy of the ISO/IEC 17025 Accreditation for the test labs used to perform testing on the EUT (including EMC (Parts 24 and 15) and SAR). These accreditations do not appear to be available on the A2LA website.

   Response: The copy can be found at the following link. Please copy and paste into your web browser. http://www.a2la.org/scopepdf/2518-02.pdf