



MOTOROLA

Date: April 03, 2008

Subject: Request for additional information regarding FCC ID: IHDT56JM1

Reference:

Correspondence Reference Number: IHD80196
Confirmation Number: 803120196-98
Date of Original Email: March 28, 2008

Prepared by:

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Questions and responses follow:

1. Please include Bluetooth Block Diagram including clock/oscillator values.

Response: Please refer to Exhibit 4A attached - Bluetooth Block Diagram with clock/oscillator values.

2. Please submit a detailed Bluetooth Operational Description for the particular Bluetooth module. It appears to be a general description.

Response: Please refer to Exhibit 12A attached as a detailed Bluetooth Operational Description for this device specific.

3. Schematics appear to have WLAN circuitry. Please confirm if this will not be available for this application.

Response: It is confirmed that the WLAN capability on this device is disabled.

4. Environmental Chamber S-4 indicate a past due calibration date. Please clarify.

Response: Thanks for pointing it out, it was a typo on the date. The correct calibration date is 2/11/09. Please refer to the revised report attached.

5. Subgrids must be contiguous. Grids 1 and 7 are not contiguous on H-field PCS test. Please revise and update the field values.

Response: Our understanding is that the three original excluded grids have to be contiguous. If we choose to include one of the excluded grids, then the two remaining excluded grids don't have to be contiguous.

For CDMA 1900 H-Field, our three original excluded grids were Grid 1, Grid 4 and Grid 7. Then, we chose to include Grid 4. Now, the two excluded grids are Grid 1 and Grid 7. Our understanding is that the two excluded grids which remain, Grid 1 and Grid 7, don't have to be contiguous.

6. The T-coil RF Emissions scans included are identical to the RF Emissions scans. Please submit RF Emissions data centered on the T-coil axial point for Exhibit 6B-2.

Response: The RF Emissions scans are centered on the acoustic output of the device. The T-coil RF Emissions scans are centered the T-coil source. For this DUT, the speaker acts as both acoustic output and T-coil source. Therefore, T-coil RF Emissions scans and RF Emissions scans are the same for this DUT.

7. CDMA800 Tilt mid channel has a power drift of more than 5%. Please check if this data was inadvertently submitted.

Response: The higher drift for this test was observed by Motorola, but no further investigation was performed because of a few considerations:

A) The low SAR value measured was below the probe's peak spatial-average SAR calibration range of 0.4 - 10 W/kg.

B) The SAR value was over 7 dB lower than the highest reported head adjacent SAR value for the CDMA800 band.

C) The SAR value reported was scaled to include the power drift, thus resulting in a SAR value expected without any drift.