



MOTOROLA

Date: March 25, 2008

Subject: Request for additional information regarding FCC ID: IHDT56JH1

Reference:

Correspondence Reference Number:	IHD8035
Confirmation Number:	802260135-37
Date of Original Email:	March 14, 2008

Prepared by:

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Questions and responses follow:

1. Please submit a more 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 particular device.](#)

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

Response: [Please refer to Exhibit 4A attached - Bluetooth Block Diagram with clock/oscillator values.](#)

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. Please submit Users Manual for this application.

Response: [It has been submitted on TCB website. Please refer to a copy attached here.](#)

5. The application does not comply with the FCC's new Handset SAR requirements (see attached), released during the recent TCBC Workshop. It is not clear whether, in this application, simultaneous SAR measurements (BT and CDMA) are required, if stand-alone BT SAR measurements are required, or if the BT is exempt from SAR measurements altogether. Please submit an internal photo of the EUT, showing the location of the BT and CDMA antennas and the distance(s)

between them. Please compare the BT conducted output power to Pref (from the new requirements), and, in conjunction with the antenna separation distance, determine the level of SAR testing required for the BT transmitter. Please submit this information.

Response: This device does allow simultaneous transmission between BT and CDMA. Because of the close proximity of the intentional and other unintentional radiating structures, stand-alone BT SAR measurements were performed in the configuration that resulted in the highest SAR during the stand-alone evaluation of the dominant transmitter. The SAR results from the BT and the CDMA measurements were summed together and shown to be less than the 1.6 W/kg (1g) SAR limit. Please refer to the revised SAR report attached.

Per the March 20, 2008 discussion with the examining engineer; Motorola chooses to use the summation method for evaluation of simultaneous transmitters. Photographs, measured distances, and power output levels to determine the "antenna pair SAR to antenna separation ration" are therefore not required.

6. The test report for ABM2 investigation for the 3G modes in Section 6 indicate RC1/SO2 mode was used. The RC/SO mode for CDMA2000 devices should be tested under RC1/SO3 for the worst-case ABM2 per ATIS filing. Please clarify or re-test if necessary.

Response: Our SAR Lab did conduct the T-coil testing under RC1 SO3. In Section 6 there was a typo and it has been corrected to RC1 SO3. Please refer to the corrected report attached.