



MOTOROLA

Date: January 15, 2008

Subject: Request for additional information regarding FCC ID: IHDT56GM2

Reference:

Correspondence Reference Number: IHD7633
Confirmation Number: 707120633-35
Date of Original Email: December 26, 2007

Prepared by:

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Questions and responses follow:

1. Please verify that the FCC ID label will be visible at the time of purchase.

Response: Confirmed; the FCC ID label (as shown in the revised Exhibit 1) will be visible on the device at the time of purchase.

2. Please submit a revised User's Manual containing the required RFx body-worn warning statement.

Response: Please refer to the revised user's manual (pages 62-63).

3. Please specify the exact location of the Bluetooth RF schematics in the Schematics Exhibit.

Response: Refer to Page 4 of Exhibit 5, Schematics.

4. Please submit an Operational Description (technical description) of the RF portion of the Bluetooth transmitter. That which was included in the Operational Description Exhibit does not address RF.

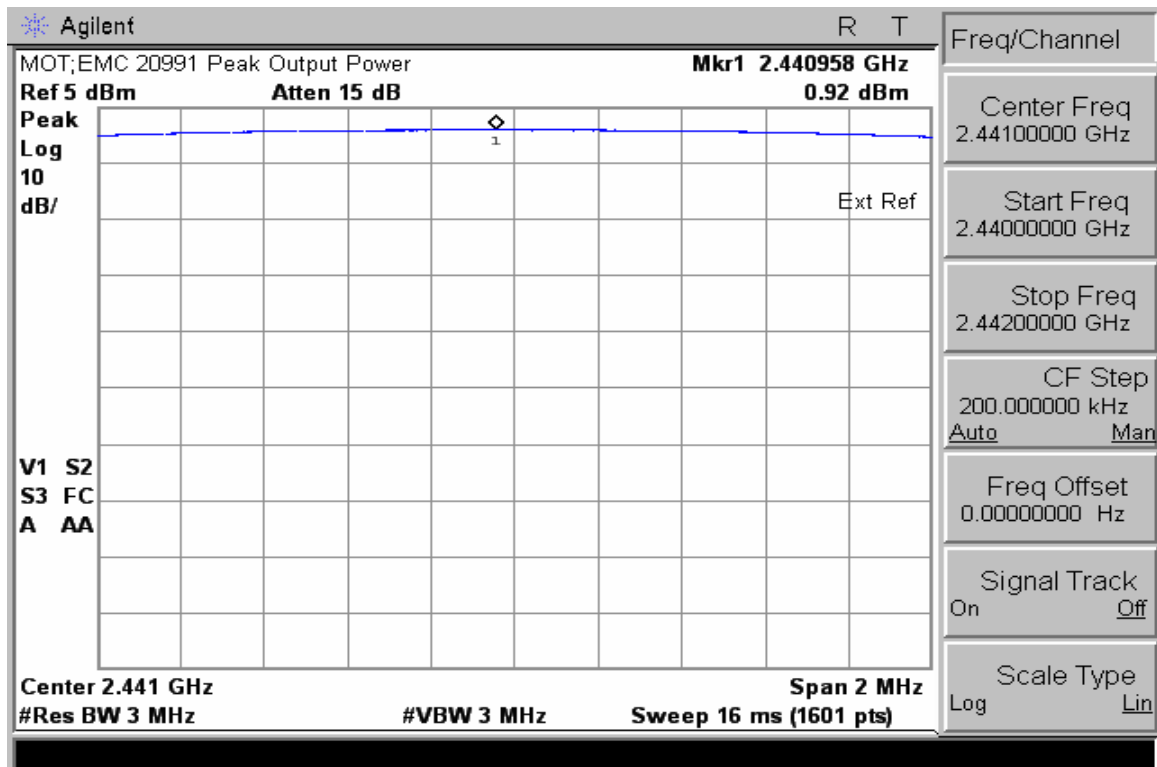
Response: See document "BCM2048.pdf".

- Please submit a statement verifying the Stage of Production of the units tested for HAC, as required by the FCC.

Response: Please refer to attestation statement, Exhibit 2D

- The Bluetooth conducted output power measurement was performed with a RBW = 1 MHz. Please remeasure the conducted output power with a RBW that is greater than the 20 dBc bandwidth of the emission and submit that data.

Response: Please refer to the following replacement graph.



Peak Output Power

- Page 1 of the SAR report refers to the application as a Class II Permissive Change. Please revise.

Response: Please refer to the updated SAR report.

- Page 3 of the SAR report states that the maximum output power for GSM850 channel 128 is 32.05 dBm, but the level measured in the EMC report exceeds

that value. Please clarify.

Response: The SAR report indicates the updated maximum power output level for channel 128. (The EMC report was not updated since the decrease in power is within the allowed measurement tolerance.)

9. Please verify that multi-slot GPRS operation is not available to the EUT.

Response: Confirmed; multi-slot is not available.

10. Table 4 Dipole Targets for H-field appear to be incorrect. Please amend

Response: There is a typo in Table 4. The H-Field results in Table 4 should be corrected to:

Dipole	F (MHz)	Protocol	Input Power (mW)	H-Field Results (A/m)	Target for Dipole (A/m)	% Deviation
SN 1103	835	CW	100	0.470	0.440	6.8%
SN 1071	1880	CW	100	0.470	0.452	4.0%

Please refer to the updated SAR report.

11. Please update Page 8 Exhibit 6B-1 with the updated procedure that incorporates the method shown in test photographs.

Response: The DASY4 v4.7 measurement system specified in section 3.1 was utilized within the intended operations as set by the SPEAG™ setup. The default settings for the grid spacing of the scan were set to 5mm as shown in the Field plots included in Appendix 2 and 3. The 5cm x 5cm area measurement grid is centered on the acoustic output of the device. The Test Arch provided by SPEAG is used to position the DUT. After positioning is complete, the Test Arch is removed during the near field measurement. The pictures for both positioning and measurement are included in Appendix 5.

12. Please address effect of updated procedure on the uncertainty budget on Page 18, Exhibit 6B-1.

Response: The removal of the Test Arch (during near field measurement stage) does not change the uncertainty budget, which is provided in Appendix 4.

Please indicate the stage of production samples tested in Exhibit 6B-1.

Response: There are no known differences between the tested identical prototype units and the anticipated typical production units.