



MOTOROLA

Date: January 15, 2008

Subject: Request for additional information regarding FCC ID: IHDT56JB1

Reference:

Correspondence Reference Number: IHD71044
Confirmation Number: 712131044-46
Date of Original Email: December 21, 2007

Prepared by:

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Questions and responses follow:

1. Attestation Statements show the incorrect FCC IDs. Please update.

Response: Please refer to the revised Exhibit 2.

2. HAC Stage of Production Letter indicates Class II Change information. Please amend for this original filing.

Response: Please refer to the revised Exhibit 2.

3. Schematics indicate presence of WLAN capability. Please confirm if WLAN will be disabled for this filing.

Response: Confirmed; WLAN is disabled.

4. Exhibit 12 Page 1 refers to an incorrect FCC ID. Please amend.

Response: Please refer to the revised Exhibit 12.

5. Please include required Body-Worn RF Exposure statement in the Users Manual.

Response: Please refer to the revised User Manual – Exhibit 8, pages 114-115, & 111.

EMC

6. Please confirm what RC/SO combination was used to generate the test results in Exhibit 6?

Response: All EMC testing in Exhibit 6 was done in RC3/SO55 mode.

7. Please provide ABM2 investigation for the 3G modes for Section 6 of the T-coil Report per July 2006 FCC guidance

Response: Please refer to the HAC supplemental response for IHDT56JD1

SAR

8. Please confirm if FCC 3G Measurement Procedures for SAR is in accordance to v2.0 released in October 2007.

Response: Motorola confirms that the SAR measurements were performed per the "SAR Measurement Procedures for 3G Devices" released in October, 2007. In which RC1, RC3 and RC3 (FCH + SCH) CDMA modes, EVDO Rev O, EVDO Rev A were considered. The conducted power measurements (per steps 3, 4 & 10 of section 4.4.5.2 of 3GPP2 C.5.011 / TIA -98-E) for each mode were shown in the table in the original filing.

9. Please clarify which RC/SO mode was used during testing for the SAR evaluation. It is not stated in Section 6.1 or 6.2 of Exhibit 11.

Response: The SAR testing was performed using CDMA RC3/SO55 mode.

10. Please be sure to capture entire concave contour for dipole validations. Scans are OK.

Response: Future applications will capture the entire concave contour for dipole validations.

HAC

11. Power Supply 6623A and Directional Coupler 778D used in HAC RF Emissions evaluation appears to be out of calibration. Please address.

Response: Please refer to the supplement to the SAR (and HAC) test reports.

12. Please explain the approximation notation reference in regards to the input power to the dipole validation section on Page 5, Exhibit 6B-1.

Response: Please refer to the supplement to the SAR (and HAC) test reports.

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

Response: Please refer to the supplement to the SAR (and HAC) test reports.

14. Please explain conducted setup in Figure 5 Exhibit 7A-1 for RF Emissions testing. The RF Emissions testing is to be performed without RF cable (which would bypass the radiating antenna thereby lowering the emissions). Please clarify.

Response: Please refer to the supplement to the SAR (and HAC) test reports.

15. Please clarify if RF cable was connected to the EUT during T-coil testing. It is not clear in Figure 6, Exhibit 7A-2.

Response: Motorola confirms that the RF cable connecting the EUT and the CMU200 network

simulator box was in place during the T-coil testing..

16. Please address effect of updated procedure on the uncertainty budget on Page 20, Exhibit 6B-1.

Response: Please refer to the supplement to the SAR (and HAC) test reports.

17. Users Manual table of contents alludes to a Hearing Aid Compatibility mode or function in the Call Settings, however no settings are indicated in the body of the Users Manual. Please address.

Response: Please refer to the revised User Manual – Exhibit 8, page 56.

18. Please include HAC language required per 20.19 in the users manual informing consumers about hearing aid compatibility of cellular phones.

Response: Please refer to the revised User Manual – Exhibit 8, page 123.

BT

19. The Bluetooth Operational Description of the frequency hopping spread spectrum transmitter does not contain enough detail. Please submit a description that addresses the RF function of the transmitter (how power is derived and limited, description of the modulation system, how spurious emissions are attenuated, etc.).

Response: Please refer to the revised exhibit 12.

20. Please include whether BT contains EDR/high data rate functions. If so, please include bandwidth plots in this mode.

Response: The phone does not support EDR mode.

21. Please include information regarding test competency of Denmark laboratory or ISO/IEC 17025 accreditation status.

Response: Last December, United Kingdom Accreditation Service granted ISO-17025 accreditation as UKAS 2404. We are still awaiting the certificates.

22. Final measurements performed in Exhibit 6A-1 Page 11 show a table indicating a generic FCC ID. Please clarify.

Response: Please refer to the revised Exhibit 6A-1 test report.

23. FYI - For Exhibit 6A1, plots on Pg 16, 17 and 27 please place marker on highest peak outside of band edges to show compliance. The marker appears to only be placed on the band edge, but gives no information about level of compliance of spurs outside of the band edge when the spurs rise above the levels seen exactly on the edge.

Response: Future applications will highlight the highest peak outside of the band edge.