



MOTOROLA

Date: June 12, 2007

Subject: Request for additional information regarding FCC ID: IHDT56HW1

Reference:

Correspondence Reference Number: IHD7475
Confirmation Number: 705310475-77
Date of Original Email: July 2, 2007

Prepared by:

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Questions and responses follow:

1. Schematics indicate WLAN capability. Please clarify if this mode will be available for this device.

Response: There is no WLAN.

2. Please indicate the applicable 3GPP release version applicable for UMTS. This was not found in the operational description. Please also specify if the device is capable of HSDPA and/or HSUPA.

Response: It is Release 5 and supports HSDPA (Category 5/6) but not HSUPA.

3. Confidentiality Letter states two different FCC IDs. Please reconcile and check the description notes.

Response: Please refer to revised confidentiality letter attached: "**HW1-EX13 Revised 07-07-07.pdf**".

4. Equipment Calibration due dates past cal in Exhibit 6A3 Page 5. Please explain.

Response: Please see the comments below the Equipment table on Page 5.

5. Please supply test setup photographs for tests described in Exhibit 6A3.

Response: Please see Exhibit 7.

6. Exhibit 6A1 and Operational Description indicate WCDMA capability for 850/1900, but Block Diagram and Confidentiality Requests indicate otherwise. Please reconcile exhibits and clarify bands available in the USA for WCDMA.

Response: Please refer to the latest updated Block Diagram posted on the website ([Exhibit 4 Block Diagrams, Revised 06-06-07](#)) and revised confidentiality letter attached: "**HW1-EX13 Revised 07-07-07.pdf**".

7. Please provide equipment calibration dates in EMC UL Report File # MC15003.

Response: ISO 17025 does not require calibration dates in the Test Report .See attached Radiated emissions test equipment list.

8. For the EMC UL Report File #MC15003, please justify Final Average Data calculations on Page 31, in particular justifying the Duty Cycle correction factor of -30.78 dB.

Response: On pg 30 of the report specifies DA 00-705 where duty cycle correction is explained. The pulse plot is shown in App B.

22/24 EMC

9. Equipment Calibration due dates past cal in Exhibit 6 Page 5. Please explain.

Response: Please see the comments below the Equipment table on Page 5.

10. Please re-measure occupied bandwidths in Exhibit 6 for GSM850, EDGE850, and EDGE1900, and WCDMA1900. For the GMSK/8PSK modulations, the marker positions do not capture the full 20 dBc emissions bandwidth. For WCDMA1900, the occupied bandwidth cannot be determined from the marker configuration provided.

Response: Please refer to attached: "**Occupied Bandwidth Plots.pdf**".

11. Please confirm what 3G mode was used to generate the test results in Exhibit 6 evaluated from Page 9.

Response: 12.2 kbps AMR mode was used.

SAR

12. Page 3, Section 2.2 of the SAR Test Report (Exhibit 11) do not indicate the Multislot class 12 capability and RF powers described in the Confidentiality Letter. Also Body SAR was tested with 1 slot transmit only. Please clarify transmitting capability of the device (should be in the operational description) include information in the SAR Report, and reconcile exhibits for the DUT.

13. Statement on Page 6 of Exhibit 11 regarding compliance to FCC 3G Policy appears to be for CDMA2000. Please update for applicability for the device technology. And clarify 3G mode used for SAR Tests.

14. Please allow printing for the SAR Report, Exhibit 11.

15. Please indicate Model or FCC ID of the DUT in the SAR Plots

16. FYI- GSM Duty cycles in the DASY4 program should be implemented using a 1:8.3 ratio.

Response: Please refer to revised SAR test report attached: "**HW1-EX11 Revised 07-12-07.pdf**" for Questions 12 – 16.