



**MOTOROLA**

**Date:** Mar 16, 2011

**Subject:** Request for additional information regarding FCC ID: IHDT56MA1

**Reference:**

Reference Number:

JOB 400UC11

Date of Original Email:

Mar 6, 2011

**Prepared by:**

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Questions and responses follow:

JBP – Test report:

13. Part 15.33(b)(1):

- a. Please identify the maximum frequency used and/or generated within the computer peripheral portion of this device (e.g. processor speed, xtal, video clock, etc.)

**RESPONSE:**

Processor Speed – Upto 1 GHz

Xtal – 26 MHz, 19.2 MHz

TCXO – 19.2 MHz

- b. Please provide a brief description of features installed in the unit tested (i.e memory size, video resolution, refresh rates, etc.).

**RESPONSE:**

Memory Size – 512MB LPDDR2 SDRAM, 8 GB eMMC.

Video Resolution – 540x960 (qHD)

Video Clock : Max 250 MHz

Refresh rate – 60 Hz

- c. Please specify the highest frequency of investigation based on 13.a.

**RESPONSE:** Highest Frequency of Measurement is 5 GHz.

14. Please indicate whether user controls were adjusted to maximize emissions (i.e. brightness & contrast for display, etc.)

**RESPONSE:** For Computer Peripheral testing, the Computer display settings were not adjusted.

15. Please indicate whether the EUT was tested in 3 orthogonal positions to determine worst-case emissions?

**RESPONSE:** For Computer Peripheral testing the EUT was not tested in 3 Orthogonal positions. See Updated Exhibit 7 that includes all Test Setup photos submitted under job#400UC11.

16. ANSI C63.4 Section 8.3 – Were (interconnecting) cables position manipulated to maximize emissions during both radiated and conducted emissions testing? Please explain and/or revise report.

**RESPONSE:** All cables were set according to ANSI C63.4 2003 standard. There were no manipulations required to maximize emissions within the typical equipment arrangements.

17. Was the phone also tested for compliance with part 15 subpart B while connected to a video display unit using the HDMI and VGA output ports? Please explain.

**RESPONSE:** Yes. The HDMI port of the phone was tested with phone attached to TV/monitor and playing a video. This is performed as a verification test and no DoC or certification is being requested for this test.