



**MOTOROLA**

**Date:** October 30, 2006

**Subject:** Request for additional information regarding FCC ID: IHDT6GN1

**Reference:**

Correspondence Reference Number:	IHD0640
Confirmation Number:	1610060639/0641
Date of Original Email:	October 25, 2006

**Prepared by:**

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Questions and responses follow:

1. Please provide the FCC ID, or indicate DoC, for the pc and peripherals used to perform the Part 15B tests.

**Response:** All peripheral equipments are listed in the original equipment list. All equipments are labeled as DoC.

2. The Part 15B AC line conducted emissions test plots show a point marked on the graph that is very close to the limit. Please provide tabular data for the AC line conducted emissions.

**Response:** Please refer to the following AC Line Conducted Emissions Tabular Data.

**Line Average Detector**

Frequency	Level	Transd	Limit	Margin
MHz	dBµV	dB	dBµV	dB
0.24	50.1	10	52.1	2
0.47	44.7	10	46.5	1.8
0.59	40.6	10	46	5.4
0.71	37.2	10	46	8.8
1.07	36.4	10	46	9.6
1.86	36.9	10	46	9.1

**Line Quasi Peak Detector**

Frequency	Level	Transd	Limit	Margin
MHz	dBµV	dB	dBµV	dB
0.24	61.3	10	62.1	0.8
0.47	48.4	10	56.5	8.1
0.59	45.4	10	56	10.6
1.55	42.6	10	56	13.4
1.86	41.7	10	56	14.3
2.27	40.3	10	56	15.7

### Neutral Average Detector

Frequency	Level	Transd	Limit	Margin
MHz	dB $\mu$ V	dB	dB $\mu$ V	dB
0.24	51.3	10	52.1	0.8
0.47	42.1	10	46.5	4.4
0.59	40.7	10	46	5.3
1.05	35.9	10	46	10.1
1.07	36.7	10	46	9.3
1.55	37	10	46	9

### Neutral Quasi Peak Detector

Frequency	Level	Transd	Limit	Margin
MHz	dB $\mu$ V	dB	dB $\mu$ V	dB
0.23	55.9	10	62.4	6.6
0.47	48.3	10	56.5	8.2
0.59	45.4	10	56	10.6
1.55	42.7	10	56	13.3
1.86	42	10	56	14
3.62	41.6	10	56	14.4

3. For the Part 15B radiated emission tests, please provide peak radiated data for emissions above 1 GHz in order to demonstrate compliance with Section 15.35(b).

**Response:** Please refer to the following Computer Peripheral Radiated Emission Testing data

### Peak Detector

Frequency	Level	Angle	Height	Pol.
MHz	dB $\mu$ V/m	deg	cm	
1951.904	51.76	231	300	VER
1953.908	50.75	350	300	HOR
1987.976	50.66	262	400	HOR
1997.996	52.58	244	300	HOR

4. Please submit test set up photos for Parts 15B, 15C and 24E tests.

**Response:** Please refer to exhibit 7A submitted October 30, 2006.

5. Please verify that the statements required by Sections 15.19(a)(3) and 15.105 will be included in the user's manual prior to shipment of the EUT.

**Response:** The required statements for Sections 15.19(a)(3) and 15.105 will be included in the final version of the user's manual.

6. The Part 15C transmitter (Bluetooth) schematics do not appear to have been submitted. Please do so. If they were submitted, please indicate precisely where they are located.

**Response:** Please refer to exhibit 5 Bluetooth schematic, submitted October 30, 2006.