FCC Test Report

On Behalf Of

VIEWCON ELECTRONIC., LTD.

USB2.0 To IDE&SATA Cable

Model No.: 5006-0175

Prepared for	:	VIEWCON ELECTRONIC., LTD.
Address	:	No.595, Jie South Road, Xiaojiejiao, Humen Town, Dongguan, Guangdong, China
Prepared by	:	Dongguan EMTEK Co., Ltd.
Address	:	No.281, Guantai Road, Nancheng District, Dongguan, Guangdong, China
		Tel : +86-769-22807078
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Report Number	:	ED10050131-1
Date of Test	:	May 31, 2010 to June 09, 2010
Date of Report	:	June 09, 2010

TABLE OF CONTENTS

TEST REPORT DESCRIPTION

Applicant	:	VIEWCON ELECTRONIC., LTD.
Manufacturer	:	VIEWCON ELECTRONIC., LTD.
EUT	:	USB2.0 To IDE&SATA Cable
Model No.	:	5006-0175
Input Voltage	:	AC 100-240V 50/60Hz, DC 5V connect to PC

Measurement Procedure Used:

FCC Rules and Regulations Part 15 Subpart B Class B October 2009 & FCC / ANSI C63.4-2003

The device described above is tested by Dongguan EMTEK Co., Ltd. to determine the maximum emission levels emanating from the device. The maximum emission levels are compared to the FCC Part 15 Subpart Class B limits both radiated and conducted emissions. The measurement results are contained in this test report and Dongguan EMTEK Co., Ltd. is assumed full responsibility for the accuracy and completeness of these measurements. Also, this report shows that the Equipment Under Test (EUT) is to be technically compliant with the FCC requirements.

This report applies to above tested sample only. This report shall not be reproduced in part without written approval of Dongguan EMTEK Co., Ltd.

Date of Test : May 31, 2010 to June 09, 2010

Prepared by : Rose
(Engineer)

Reviewer : Richard
(Quality Manager)

Approved & Authorized Signer : Nick Lee
(Manager)

1. GENERAL INFORMATION

1.1.Description of Device (EUT)

EUT	:	USB2.0 To IDE&SATA Cable
Model Number	:	5006-0175
Trade Mark	:	N/A
Power Supply	:	AC 120V 60Hz, DC 5V connect to PC
Applicant	:	VIEWCON ELECTRONIC., LTD.
Address	:	No.595, Jie South Road, Xiaojiejiao, Humen Town, Dongguan, Guangdong, China
Manufacturer	:	VIEWCON ELECTRONIC., LTD.
Address	:	No.595, Jie South Road, Xiaojiejiao, Humen Town, Dongguan, Guangdong, China
Factory	:	VIEWCON ELECTRONIC., LTD.
Address	:	No.595, Jie South Road, Xiaojiejiao, Humen Town, Dongguan, Guangdong, China
Date of sample receiver	:	May 31, 2010
Date of Test	:	May 31, 2010 to June 09, 2010

1.2 Description of Support Device

PC	:	Manufacturer: DELL M/N: OPTIRLEX 760 S/N: N/A CE, FCC: DOC
LCD Monitor	:	Manufacturer: DELL M/N: E1909WF S/N: N/A CE , FCC:DOC
Mouse	:	Manufacturer: DELL M/N: M-UAR DEL7 S/N: XN966 CE, FCC: DOC
Keyboard	:	Manufacturer: DELL M/N: L30U S/N: ON277F CE, FCC: DOC
Printer	:	Manufacturer: HEWLETT PACKARD M/N: Q5911A S/N: CNCK512065 CE, FCC: DOC
Harddisk	:	Manufacturer: Kesuo M/N: SG 80G S/N: 5QZ2GTTA

1.3 Test Facility

Site Description

EMC Lab. : Accredited by CNAS, 2007.07.27
The certificate is valid until 2012.07.26
The Laboratory has been assessed and proved to be in compliance with CNAS/CL01:2005
The Certificate Registration Number is L3150

Accredited by TUV Rheinland Shenzhen 2009.09.16
The certificate is valid until 2011.03.16
The Laboratory has been assessed according to the requirements ISO/IEC 17025

Accredited by FCC, Nov. 05, 2008
The Certificate Number is 247565.

Accredited by Industry Canada, May 24, 2008
The Certificate Registration Number. is 46405-4480

Name of Firm : Dongguan EMTEK Co., Ltd.

Site Location : No.281, Guantai Road, Nancheng District, Dongguan, Guangdong, China.

1.4 Measurement Uncertainty

Radiation Emission Uncertainty	: Ur = 3.3
Conduction Emission Uncertainty	: Uc = 2.8
Power clamp Emission Uncertainty	: Uc = 2.6

2. POWER LINE CONDUCTED MEASUREMENT

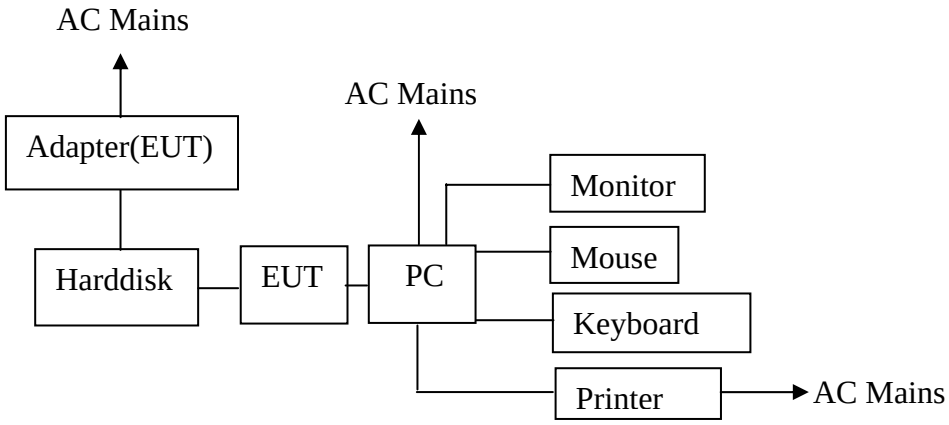
2.1.Test Equipment

The following test equipments are used during the power line conducted measurement:

Item	Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Cal. Interval
1.	Test Receiver	Rohde & Schwarz	ESCS30	8289851018	May 29, 2010	1 Year
2.	L.I.S.N.	Kyoritsu	KNW-407	8-1492-9	May 29, 2010	1 Year
3.	Pulse Limiter	Rohde & Schwarz	ESH3-Z2	100006	May 29, 2010	1 Year
4.	RF Cable	FUJIKURA	RG-55/U	LISN Cable	May 29, 2010	1 Year

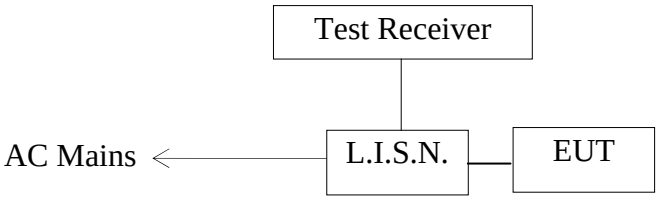
2.2.Block Diagram of Test Setup

2.2.1 Block diagram of connection between the EUT and simulators



(EUT: USB2.0 To IDE&SATA Cable)

2.3.Block diagram of test setup



(EUT: USB2.0 To IDE&SATA Cable)

2.4.Power Line Conducted Emission Measurement Limits (Class B)

Frequency MHz	Limits dB(μV)	
	Quasi-peak Level	Average Level
0.15 ~ 0.50	66 ~ 56*	56 ~ 46*
0.50 ~ 5.00	56	46
5.00 ~ 30.00	60	50

Notes: 1. *Decreasing linearly with logarithm of frequency.
2. The lower limit shall apply at the transition frequencies.

2.5.Configuration of EUT on Measurement

The following equipments are installed on Power Line Conducted Emission Measurement to meet the commission requirement and operating regulations in a manner which tends to maximize its emission characteristics in a normal application.

EUT : USB2.0 To IDE&SATA Cable
Model Number : 5006-0175

2.6. Operating Condition of EUT

2.6.1. Setup the EUT and simulator as shown as Section 2.2.
2.6.2. Turn on the power of all equipment.
2.6.3. Let the EUT work in test mode (Connect to PC) and measure it.

2.7.Test Procedure

The EUT system is connected to the power mains through a line impedance stabilization network (L.I.S.N.). This provides a 50ohm coupling impedance for the EUT system. Please refer the block diagram of the test setup and photographs. Both sides of AC line are checked to find out the maximum conducted emission. In order to find the maximum emission levels, the relative positions of equipment and all of the interface cables shall be changed according to FCC ANSI C63.4-2003 on Conducted Emission Measurement.

The bandwidth of test receiver (R&S ESCS30) is set at 9KHz.

The frequency range from 150KHz to 30MHz is checked.

All the scanning waveforms for Conducted Emission Measurement are attached in Appendix I.

2.8. Power Line Conducted Emission Measurement Results

PASS

The frequency range from 150KHz to 30 MHz is investigated.

3. RADIATED EMISSION MEASUREMENT

3.1. Test Equipment

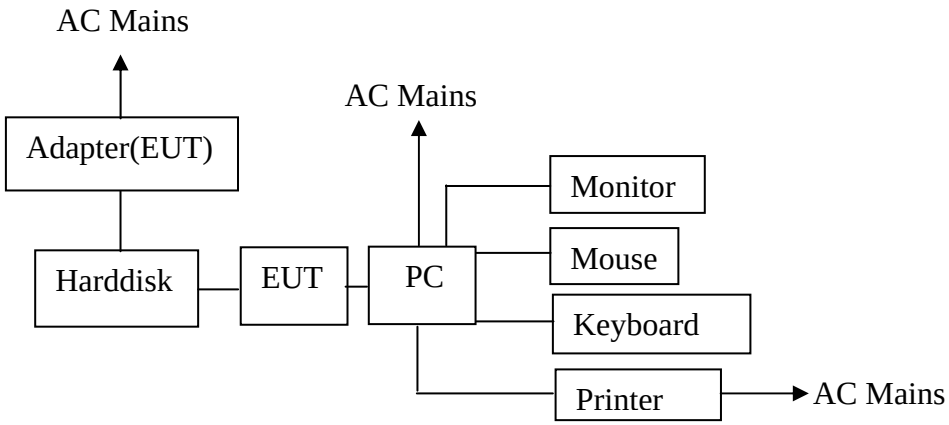
The following test equipments are used during the radiated emission measurement:

3.1.1. For Anechoic Chamber

Item	Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Cal. Interval
1.	Spectrum Analyzer	Rohde & Schwarz	ESCI	100137	May 29, 2010	1 Year
2.	Test Receiver	Rohde & Schwarz	ESCI	100137	May 29, 2010	1 Year
3.	Bilog Antenna	Schwarzbeck	VULB9163	143	May 29, 2010	1 Year
4.	Power Amplifier	HP	8447F	OPT H64	May 29, 2010	1 Year
5.	Positioning Controller	C&C LAB	CC-C-IF	N/A	May 29, 2010	1 Year
6.	Color Monitor	SUNSPO	SP-140A	N/A	May 29, 2010	1 Year
7.	Single Line Filter	JIANLI	XL-3	N/A	May 29, 2010	1 Year
8.	Single Phase Power Line Filter	JIANLI	DL-2X100B	N/A	May 29, 2010	1 Year
9.	3 Phase Power Line Filter	JIANLI	DL-4X100B	N/A	May 29, 2010	1 Year
10.	DC Power Filter	JIANLI	DL-2X50B	N/A	May 29, 2010	1 Year
11.	Cable	Schwarzbeck	PLF-100	N/A	May 29, 2010	1 Year
12.	Cable	Rosenberger	CIL02	A0783566	May 29, 2010	1 Year
13.	Cable	Rosenberger	AK9513	AC RX1	May 29, 2010	1 Year

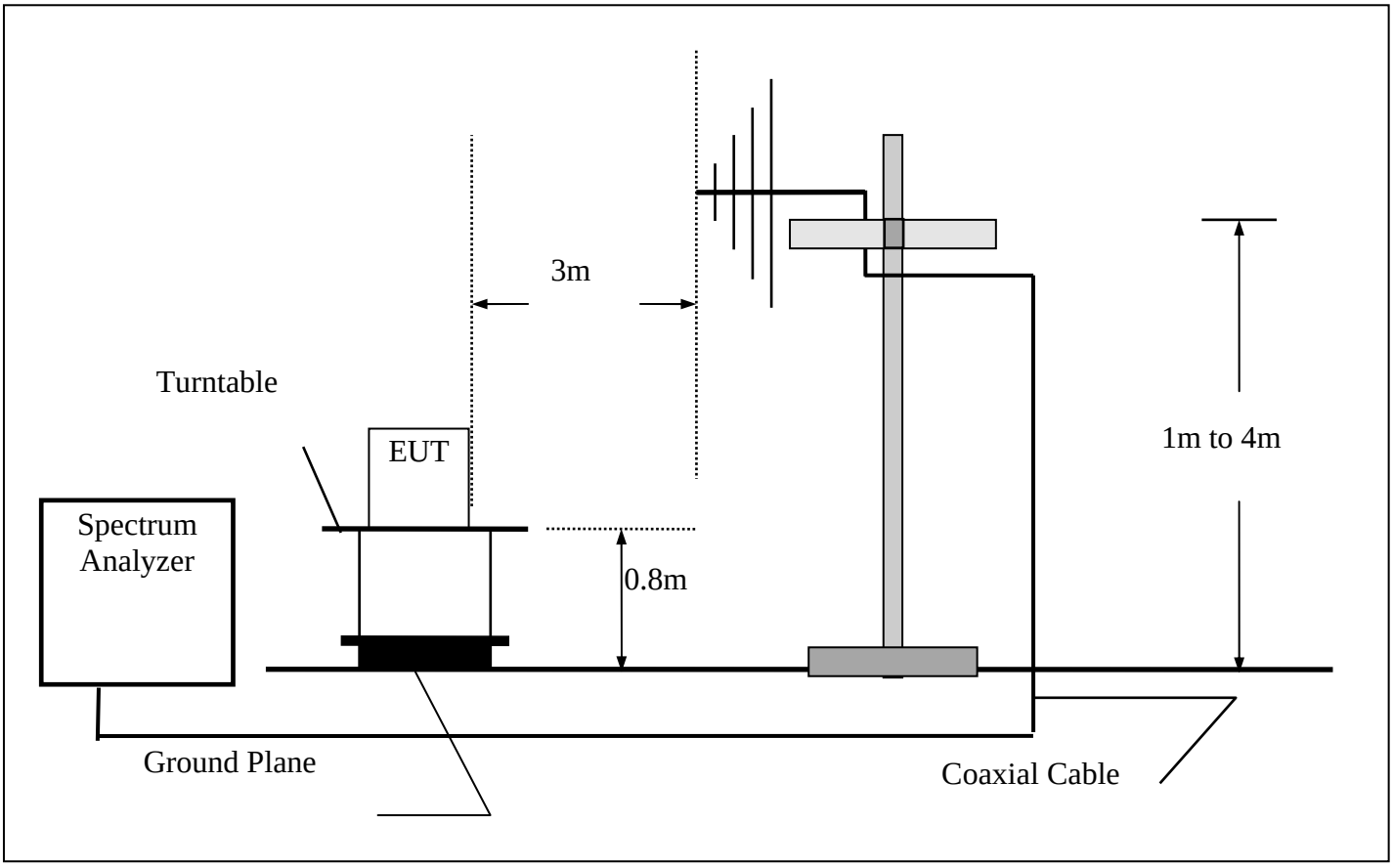
3.2 Block Diagram of Test Setup

3.2.1 Block diagram of connection between the EUT and simulators



(EUT: USB2.0 To IDE&SATA Cable)

3.2.2 Anechoic Chamber Test Setup Diagram



(EUT: USB2.0 To IDE&SATA Cable)

3.3 Radiated Emission Limit (Class B)

FREQUENCY MHz	DISTANCE Meters	FIELD STRENGTHS LIMIT	
		μV/m	dB(μV)/m
30 ~ 88	3	100	40.0
88 ~ 216	3	150	43.5
216 ~ 960	3	200	46.0
960 ~ 1000	3	500	54.0

Remark： (1) Emission level (dB)μV = 20 log Emission level μV/m
(2) The smaller limit shall apply at the cross point between two frequency bands.
(3) Distance is the distance in meters between the measuring instrument, antenna and the closest point of any part of the device or system.

3.4 EUT Configuration on Measurement

The following equipment are installed on Radiated Emission Measurement to meet the commission requirements and operating regulations in a manner which tends to maximize its emission characteristics in normal application.

USB2.0 To IDE&SATA Cable (EUT)

Model Number : 5006-0175
Serial Number : N/A

3.5 Operating Condition of EUT

1. Setup the EUT as shown in Section 3.2.
2. Turn on the power of all equipment.
3. Let the EUT work in test mode (Connect to PC) and measure it.

3.6 Test Procedure

EUT and its simulators are placed on a turntable, which is 0.8 meter high above ground. The turn table can rotate 360 degrees to determine the position of the maximum emission level. EUT is set 3.0 meters away from the receiving antenna, which is mounted on a antenna tower. The antenna can be moved up and down between 1.0 meter and 4 meters to find out the maximum emission level. Broadband antenna (calibrated bilog antenna) is used as receiving antenna. Both horizontal and vertical polarization of the antenna is set on measurement. In order to find the maximum emission levels, all of the interface cables must be manipulated according to ANSI C63.4-2003 on radiated emission measurement.
The bandwidth of the EMI test receiver (R&S ESCI) is set at 120KHz.

The frequency range from 30MHz to 1000MHz is checked.

The test mode (Connect to PC) is tested in chamber and all the scanning waveforms are attached in Appendix II.

3.7 Radiated Emission Noise Measurement Result

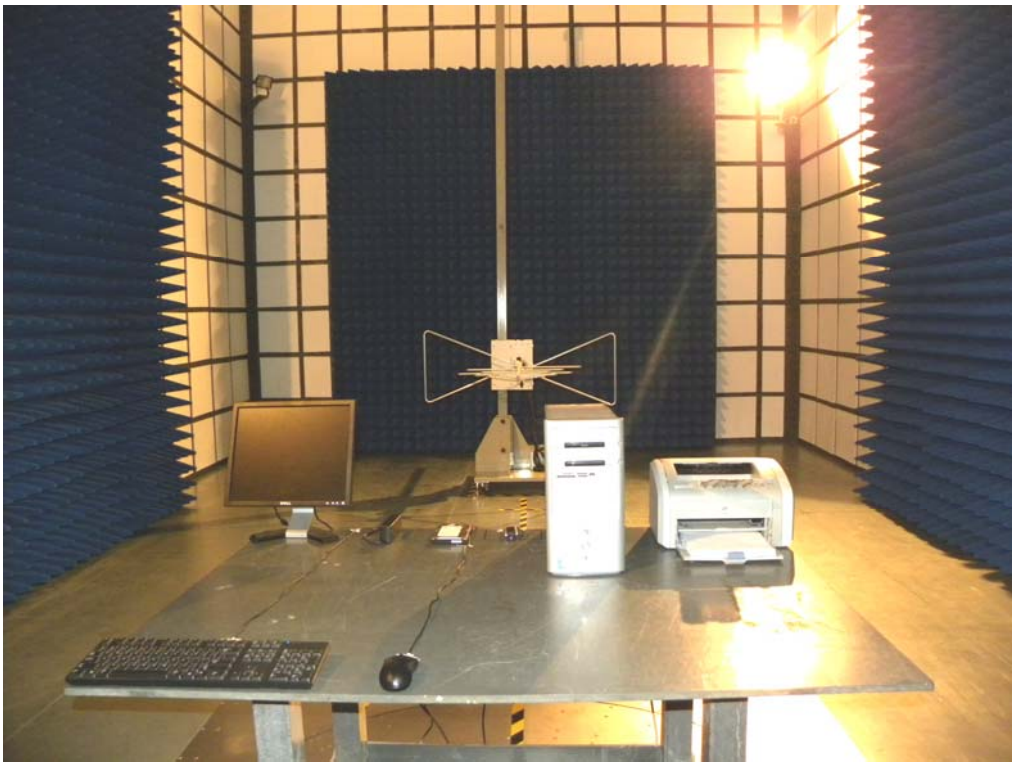
PASS.

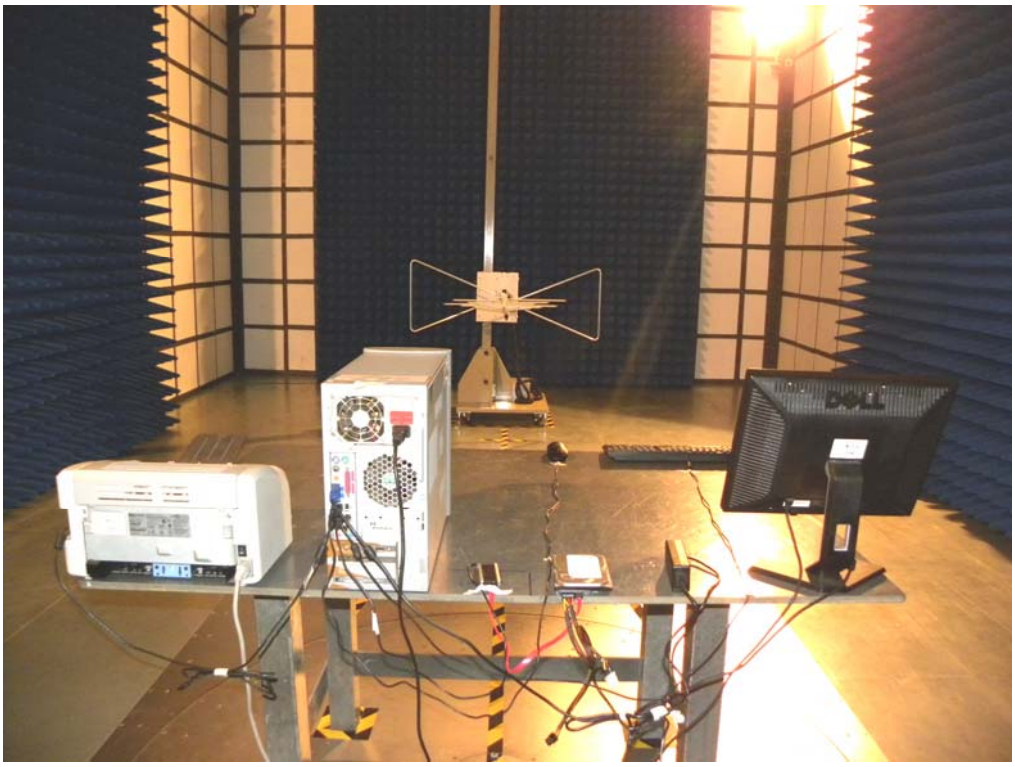
The frequency range from 30MHz to 1000MHz is investigated.

4. PHOTOGRAPH

4.1 Photos of Conducted Emission Measurement

4.2 Photo of Radiated Measurement





APPENDIX I

Dongguan EMTEK Co.,Ltd.
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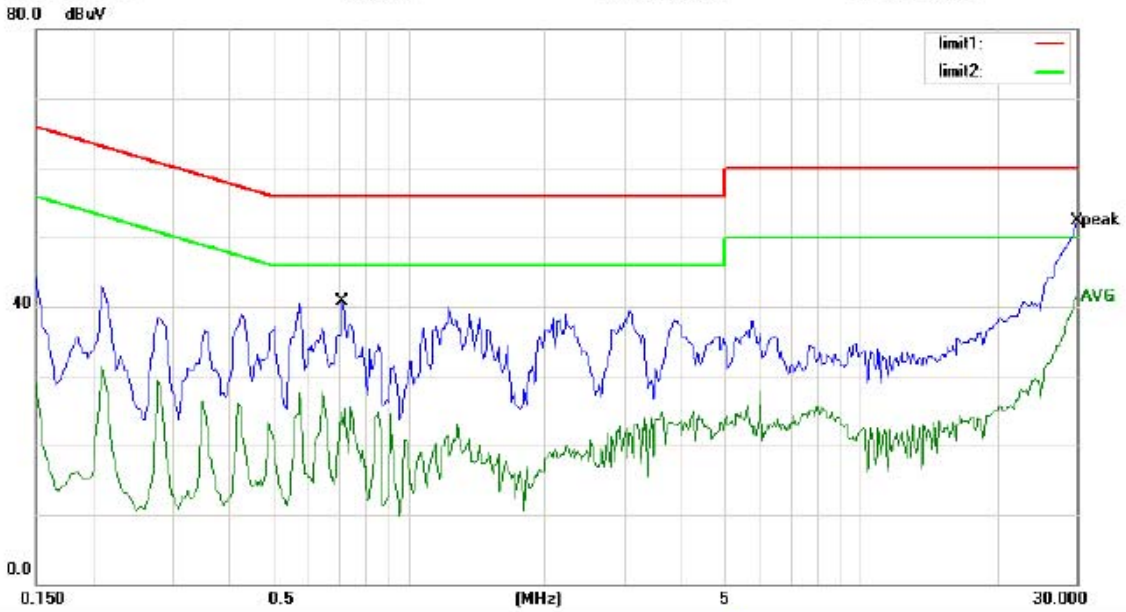
Conducted Emission Measurement

File :5006-0175 Data :#1 Date: 10/06/03/ Time: 14/50/29



Site site #1 Phase: *L1* Temperature: 25
Limit: (CE)FCC PART 15 class B_QP Power: DC 5V Humidity: 50 %
EUT: USB 2.0 TO IDE&SATA CABLE
M/N: 5006-0175
Mode: Connect to PC
Note: 2.5 Inch Hard ware

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1		0.7150	40.75	0.00	40.75	56.00	-15.25	QP	
2		0.7150	25.34	0.00	25.34	46.00	-20.66	AVG	
3	*	30.0000	52.26	0.00	52.26	60.00	-7.74	QP	
4		30.0000	41.20	0.00	41.20	50.00	-8.80	AVG	

*:Maximum data x:Over limit !:over margin Comment: Factor build in receiver. Operator: Alice

File :5006-0175\Data :#1 *Page: 1*

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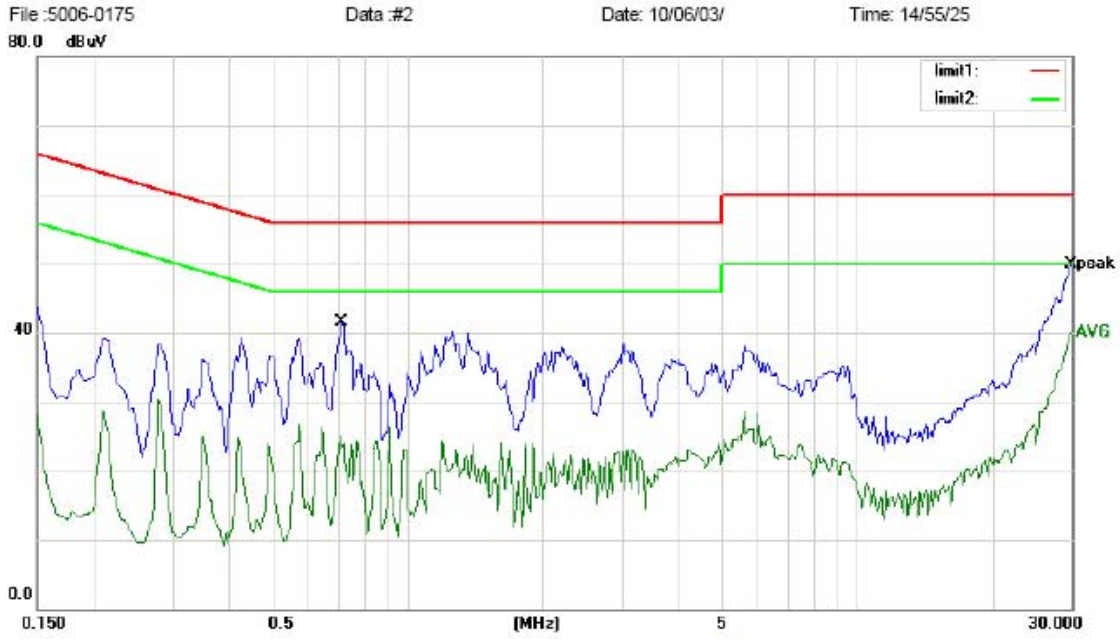

Site site #1 Phase: N Temperature: 25
Limit: (CE)FCC PART 15 class B_QP Power: DC 5V Humidity: 50 %
EUT: USB 2.0 TO IDE&SATA CABLE
M/N: 5006-0175
Mode: Connect to PC
Note: 2.5 Inch Hard ware

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1		0.7150	41.43	0.00	41.43	56.00	-14.57	QP	
2		0.7150	25.17	0.00	25.17	46.00	-20.83	AVG	
3	*	29.9000	49.92	0.00	49.92	60.00	-10.08	QP	
4		29.9000	39.83	0.00	39.83	50.00	-10.17	AVG	

*:Maximum data x:Over limit !:over margin Comment: Factor build in receiver. Operator: Alice

File :5006-0175\Data :#2 *Page: 1*

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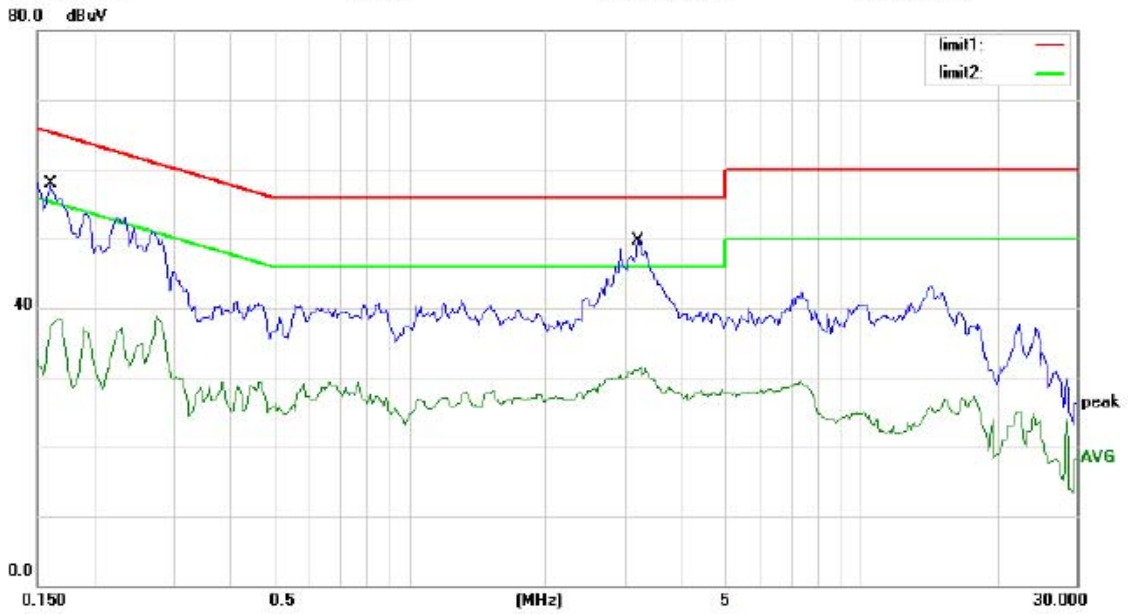
File :5006-0175 Data :#4 Date: 10/06/03/ Time: 15/06/30



Site site #1 Phase: *L1* Temperature: 25
Limit: (CE)FCC PART 15 class B_QP Power: AC 120V/60Hz Humidity: 50 %
EUT: USB 2.0 TO IDE&SATA CABLE
M/N: 5006-0175
Mode: Connect to PC
Note: 3.5 Inch Hard ware

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1		0.1600	57.88	0.00	57.88	65.46	-7.58	QP	
2		0.1607	37.52	0.00	37.52	55.43	-17.91	AVG	
3	*	3.2100	49.78	0.00	49.78	56.00	-6.22	QP	
4		3.2100	31.44	0.00	31.44	46.00	-14.56	AVG	

*:Maximum data x:Over limit !:over margin Comment: Factor build in receiver. Operator: Alice

File :5006-0175\Data :#4 *Page: 1*

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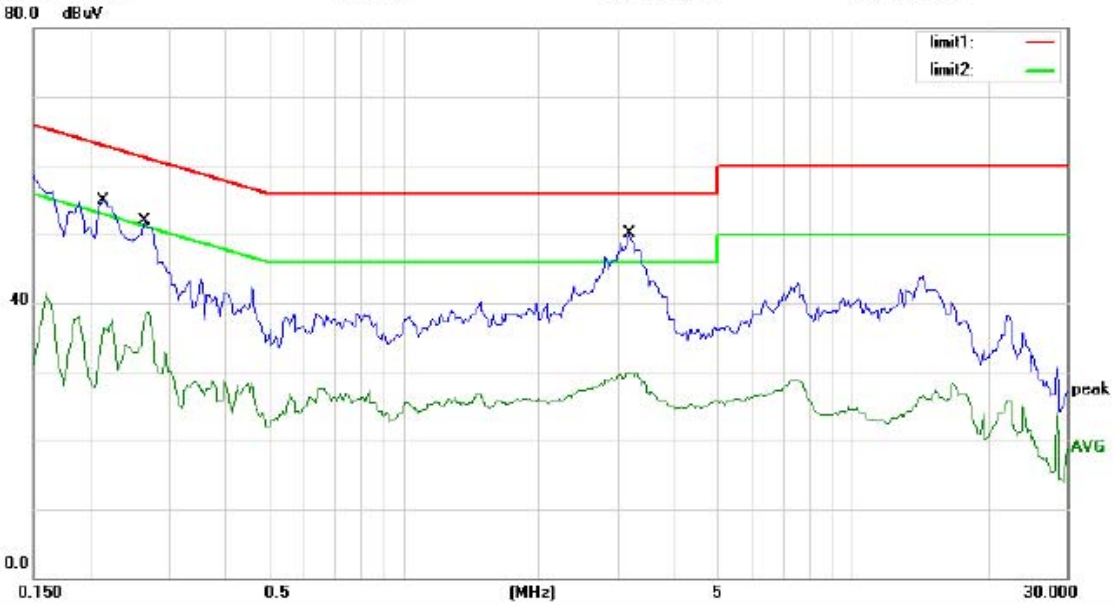
File :5006-0175 Data :#3 Date: 10/06/03/ Time: 15/01/47



Site site #1 Phase: *N* Temperature: 25
Limit: (CE)FCC PART 15 class B_QP Power: AC 120V/60Hz Humidity: 50 %
EUT: USB 2.0 TO IDE&SATA CABLE
M/N: 5006-0175
Mode: Connect to PC
Note: 3.5 Inch Hard ware

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1		0.2150	54.91	0.00	54.91	63.01	-8.10	QP	
2		0.2150	36.32	0.00	36.32	53.01	-16.69	AVG	
3		0.2650	51.81	0.00	51.81	61.27	-9.46	QP	
4		0.2650	38.68	0.00	38.68	51.27	-12.59	AVG	
5	*	3.1800	50.07	0.00	50.07	56.00	-5.93	QP	
6		3.1800	29.98	0.00	29.98	46.00	-16.02	AVG	

*:Maximum data x:Over limit !:over margin Comment: Factor build in receiver. Operator: Alice

File :5006-0175\Data :#3 *Page: 1*

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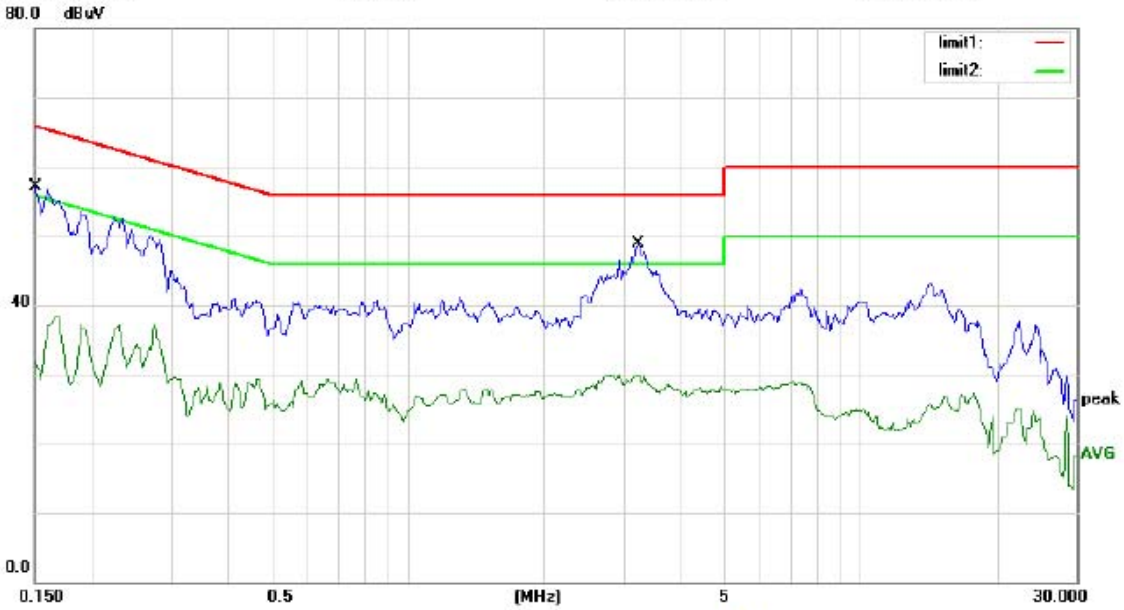
File :5006-0175 Data :#5 Date: 10/06/03/ Time: 15/11/48



Site site #1 Phase: *L1* Temperature: 25

Limit: (CE)FCC PART 15 class B_QP Power: AC 120V/60Hz Humidity: 50 %

EUT: USB 2.0 TO IDE&SATA CABLE

M/N: 5006-0175

Mode: Connect to PC

Note: SATA Hard ware

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1		0.1500	57.17	0.00	57.17	66.00	-8.83	QP	
2		0.1500	31.97	0.00	31.97	56.00	-24.03	AVG	
3	*	3.2500	48.92	0.00	48.92	56.00	-7.08	QP	
4		3.2500	29.94	0.00	29.94	46.00	-16.06	AVG	

*:Maximum data x:Over limit !:over margin Comment: Factor build in receiver. Operator: Alice

File :5006-0175\Data :#5 *Page: 1*

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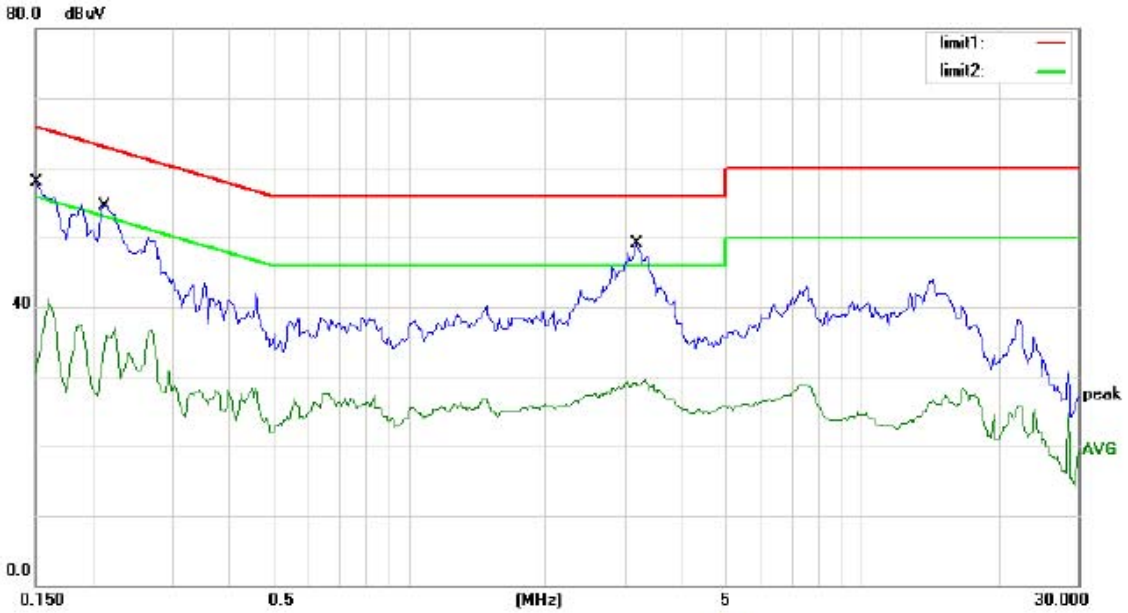
Conducted Emission Measurement

File :5006-0175 Data :#6 Date: 10/06/03/ Time: 15/16/25



Site site #1 Phase: N Temperature: 25
Limit: (CE)FCC PART 15 class B_QP Power: AC 120V/60Hz Humidity: 50 %
EUT: USB 2.0 TO IDE&SATA CABLE
M/N: 5006-0175
Mode: Connect to PC
Note: SATA Hard ware

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1		0.1500	57.97	0.00	57.97	66.00	-8.03	QP	
2		0.1500	34.81	0.00	34.81	56.00	-21.19	AVG	
3		0.2150	54.59	0.00	54.59	63.01	-8.42	QP	
4		0.2150	35.82	0.00	35.82	53.01	-17.19	AVG	
5	*	3.1800	49.07	0.00	49.07	56.00	-6.93	QP	
6		3.1800	29.48	0.00	29.48	46.00	-16.52	AVG	

*:Maximum data x:Over limit !:over margin Comment: Factor build in receiver. Operator: Alice

File :5006-0175\Data :#6 *Page: 1*

APPENDIX II

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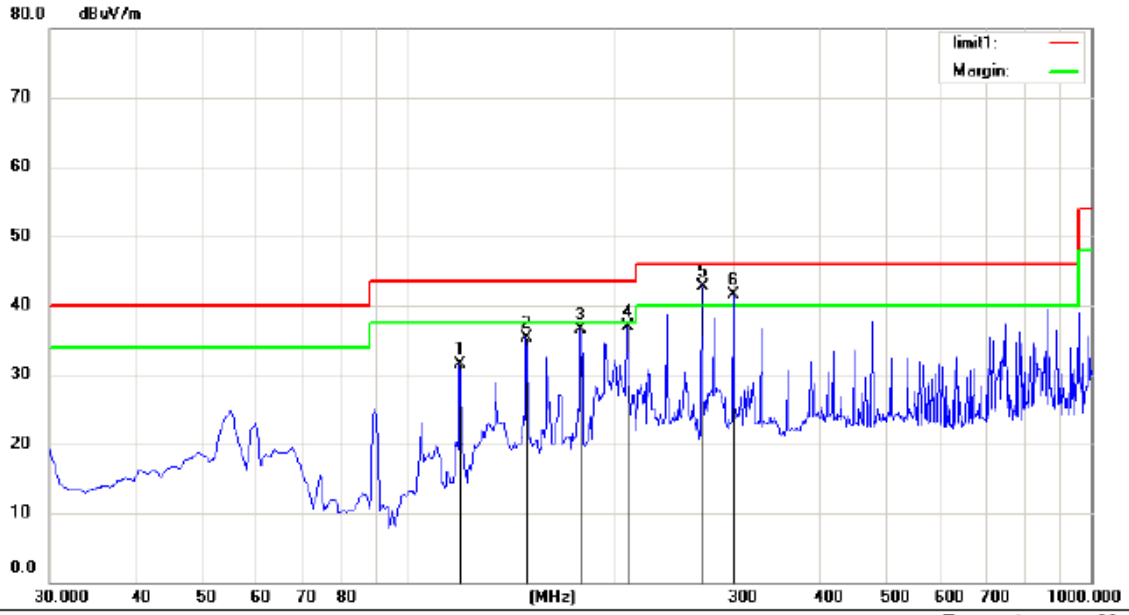
Radiated Emission Measurement

File :5006-0175 Data :#7 Date: 10/06/03/ Time: 13/12/25



Site Chamber #1 Polarization: **Horizontal** Temperature: 26

Limit: (RE)FCC PART 15 class B 3m Power: DC 5V (PC Input 120V/60Hz) Humidity: 55 %

EUT: USB 2.0 TO IDE&SATA CABLE

M/N: 5006-0175

Mode:Connect to PC

Note:

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1		119.2400	50.25	-18.84	31.41	43.50	-12.09	QP			
2		149.3100	55.97	-20.73	35.24	43.50	-8.26	QP			
3		179.3800	53.80	-17.24	36.56	43.50	-6.94	QP			
4		209.4500	51.68	-14.72	36.96	43.50	-6.54	QP			
5	*	269.5900	55.50	-12.70	42.80	46.00	-3.20	QP			
6	!	299.6600	53.19	-11.76	41.43	46.00	-4.57	QP			

*:Maximum data x:Over limit !:over margin Operator:

File :5006-0175\Data :#7 Page: 1

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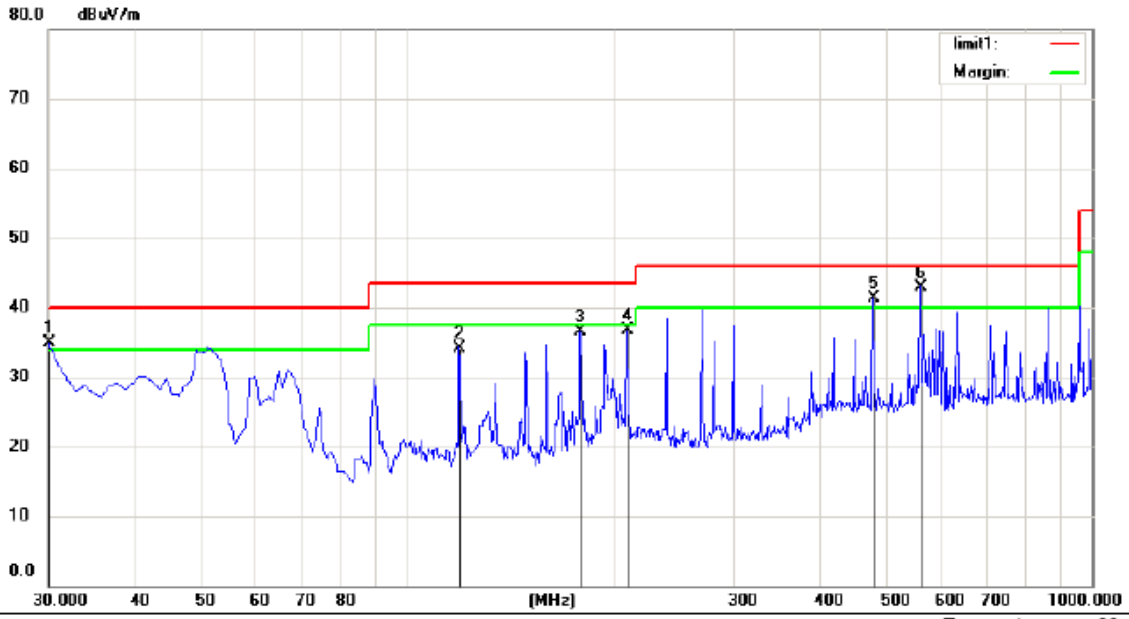
Radiated Emission Measurement

File :5006-0175 Data :#8 Date: 10/06/03/ Time: 13/15/47



Site Chamber #1 Polarization: **Vertical** Temperature: 26

Limit: (RE)FCC PART 15 class B 3m Power: DC 5V (PC Input 120V/60Hz) Humidity: 55 %

EUT: USB 2.0 TO IDE&SATA CABLE

M/N: 5006-0175

Mode:Connect to PC

Note:

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1	!	30.0000	51.98	-17.15	34.83	40.00	-5.17	QP			
2		119.2400	53.04	-18.84	34.20	43.50	-9.30	QP			
3		179.3863	53.73	-17.24	36.49	43.50	-7.01	QP			
4		209.4500	51.40	-14.72	36.68	43.50	-6.82	QP			
5	!	480.0800	48.81	-7.60	41.21	46.00	-4.79	QP			
6	*	562.5300	49.74	-6.79	42.95	46.00	-3.05	QP			

*:Maximum data x:Over limit !:over margin Operator:

File :5006-0175\Data :#8 Page: 1

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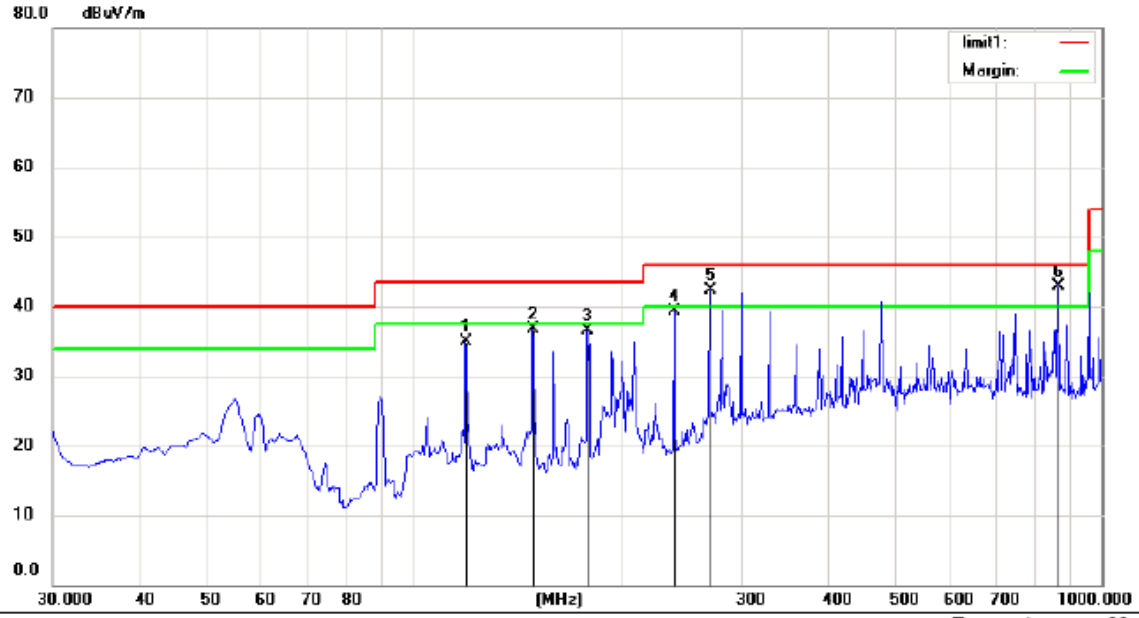
Radiated Emission Measurement

File :5006-0175 Data :#9 Date: 10/06/03/ Time: 13/25/36



Site Chamber #1 Polarization: **Horizontal** Temperature: 26

Limit: (RE)FCC PART 15 class B 3m Power: DC 5V (PC Input 120V/60Hz) Humidity: 55 %

EUT: USB 2.0 TO IDE&SATA CABLE

M/N: 5006-0175

Mode: Connect to PC

Note: 2.5 Inch Hardware

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1		119.2400	53.75	-18.84	34.91	43.50	-8.59	QP			
2		149.3100	57.47	-20.73	36.74	43.50	-6.76	QP			
3		179.3863	53.83	-17.24	36.59	43.50	-6.91	QP			
4		239.5200	52.30	-13.08	39.22	46.00	-6.78	QP			
5	!	269.5900	55.00	-12.70	42.30	46.00	-3.70	QP			
6	*	863.2300	45.41	-2.49	42.92	46.00	-3.08	QP			

*:Maximum data x:Over limit !:over margin Operator:

File :5006-0175\Data :#9 Page: 1

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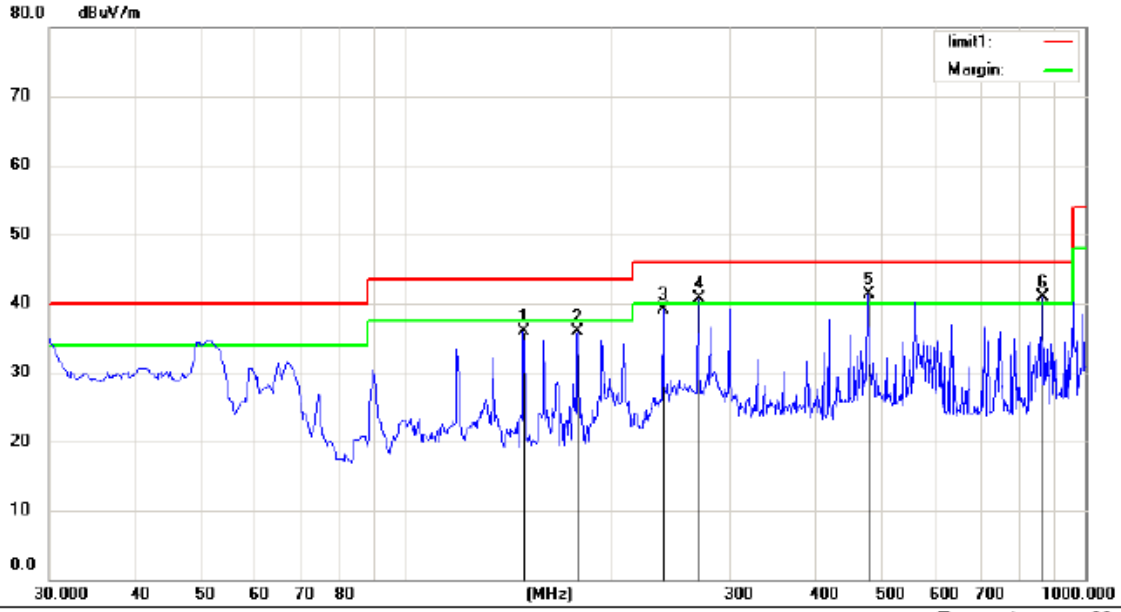
Radiated Emission Measurement

File :5006-0175 Data :#10 Date: 10/06/03/ Time: 13/31/41



Site Chamber #1 Polarization: **Vertical** Temperature: 26

Limit: (RE)FCC PART 15 class B 3m Power: DC 5V (PC Input 120V/60Hz) Humidity: 55 %

EUT: USB 2.0 TO IDE&SATA CABLE

M/N: 5006-0175

Mode:Connect to PC

Note: 2.5 Inch Hardware

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1		149.3100	56.66	-20.73	35.93	43.50	-7.57	QP			
2		179.3863	53.23	-17.24	35.99	43.50	-7.51	QP			
3		239.5200	52.17	-13.08	39.09	46.00	-6.91	QP			
4	!	269.5900	53.35	-12.70	40.65	46.00	-5.35	QP			
5	*	480.0800	48.81	-7.60	41.21	46.00	-4.79	QP			
6	!	863.2300	43.30	-2.49	40.81	46.00	-5.19	QP			

*:Maximum data x:Over limit !:over margin Operator:

File :5006-0175\Data :#10 Page: 1

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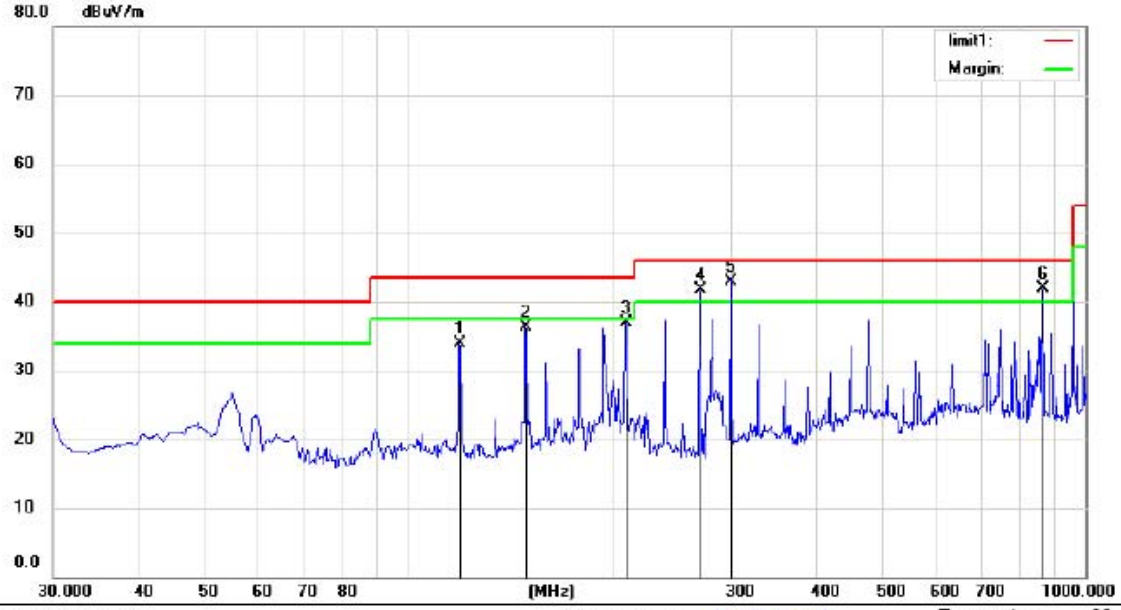
Radiated Emission Measurement

File :5006-0175 Data :#11 Date: 10/06/03/ Time: 13/39/51



Site Chamber #1 Polarization: **Horizontal** Temperature: 26

Limit: (RE)FCC PART 15 class B 3m Power: DC 5V (PC Input 120V/60Hz) Humidity: 55 %

EUT: USB 2.0 TO IDE&SATA CABLE

M/N: 5006-0175

Mode:Connect to PC

Note: 3.5 Inch Hardware

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1		119.2400	52.75	-18.84	33.91	43.50	-9.59	QP			
2		149.3100	56.97	-20.73	36.24	43.50	-7.26	QP			
3		209.4500	51.68	-14.72	36.96	43.50	-6.54	QP			
4	!	269.5900	54.50	-12.70	41.80	46.00	-4.20	QP			
5	*	299.6600	54.74	-11.76	42.98	46.00	-3.02	QP			
6	!	863.2300	44.40	-2.49	41.91	46.00	-4.09	QP			

*:Maximum data x:Over limit !:over margin Operator:

File :5006-0175\Data :#11 Page: 1

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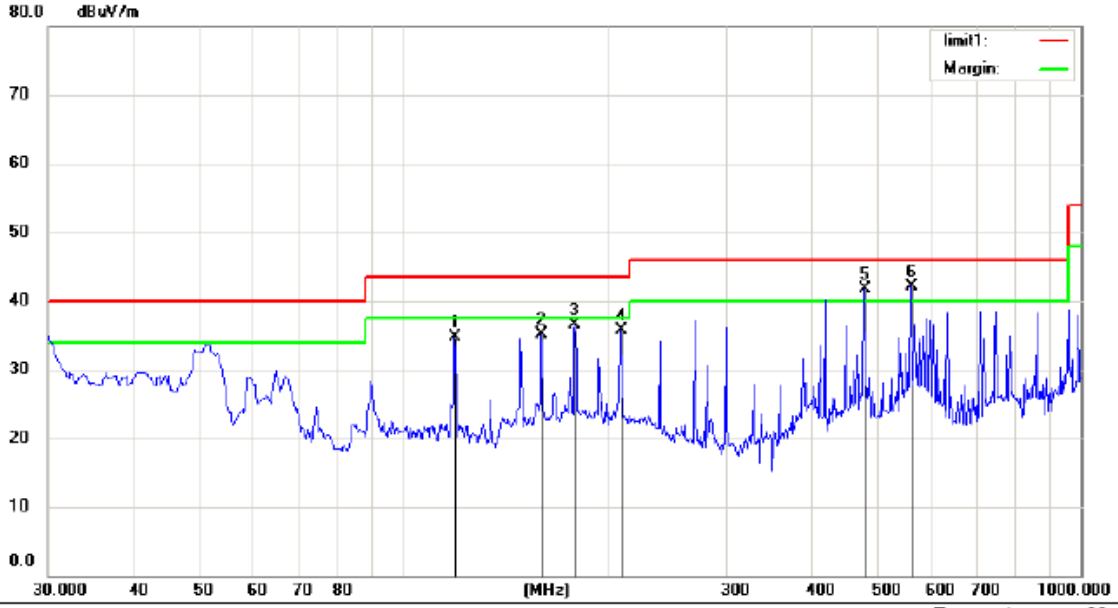
File :5006-0175 Data :#12 Date: 10/06/03/ Time: 13/44/38



Site Chamber #1 Polarization: Vertical Temperature: 26

Limit: (RE)FCC PART 15 class B 3m Power: DC 5V (PC Input 120V/60Hz) Humidity: 55 %

EUT: USB 2.0 TO IDE&SATA CABLE

M/N: 5006-0175

Mode:Connect to PC

Note: 3.5 Inch Hardware

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1		119.2400	53.54	-18.84	34.70	43.50	-8.80	QP			
2		159.9800	54.68	-19.57	35.11	43.50	-8.39	QP			
3		179.3863	53.73	-17.24	36.49	43.50	-7.01	QP			
4		209.4500	50.40	-14.72	35.68	43.50	-7.82	QP			
5	!	480.0800	49.31	-7.60	41.71	46.00	-4.29	QP			
6	*	562.5300	48.81	-6.79	42.02	46.00	-3.98	QP			

*:Maximum data x:Over limit !:over margin Operator:

File :5006-0175\Data :#12 Page: 1

APPENDIX III
(Photos of EUT)

Figure 1
General Appearance of the EUT

Figure 2
General Appearance of the EUT

Figure 3
General Internal of the EUT

Figure 4
General Appearance of the PCB

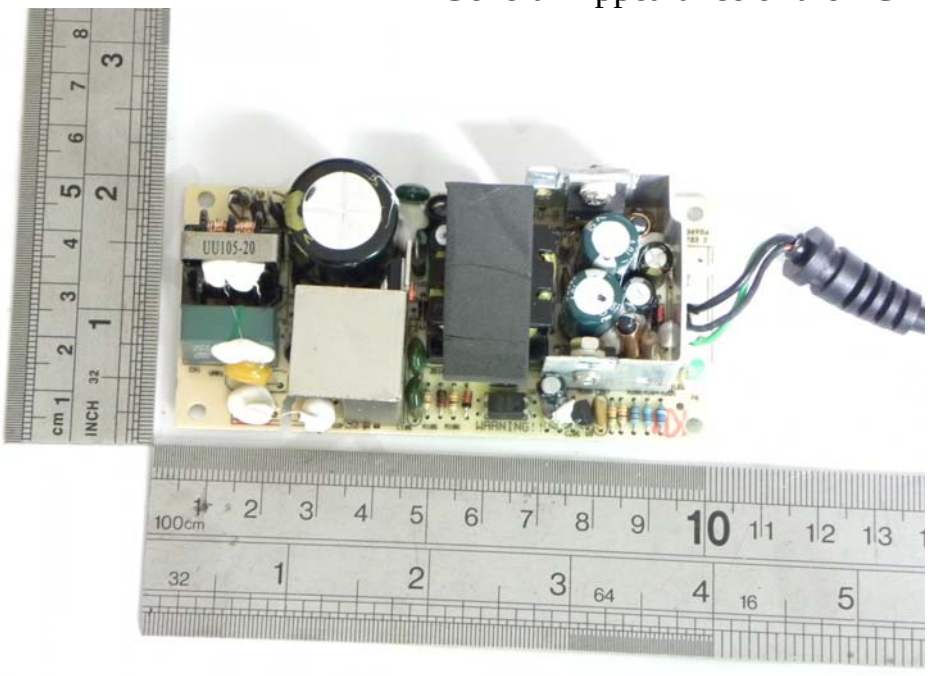


Figure 5
General Appearance of the PCB

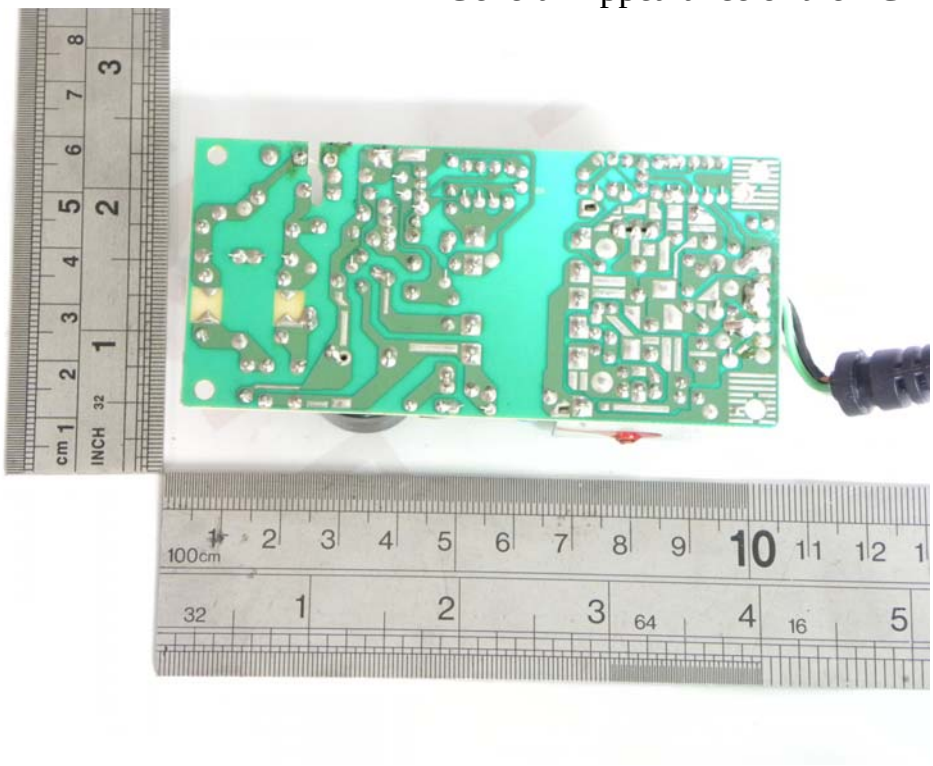


Figure 6
General Appearance of the PCB

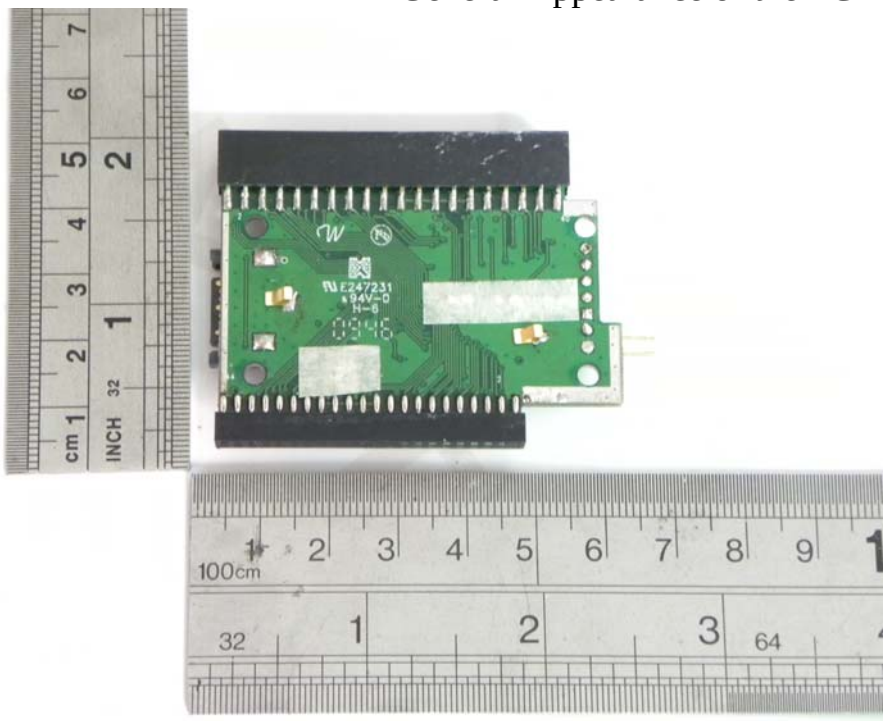


Figure 7
General Appearance of the PCB