

FCC PART 15B TEST REPORT
On Behalf of
OpenVox Communication Co., Ltd.

Transcoding Cards
Model No.: V100

Prepared for : OpenVox Communication Co., Ltd.
Address : F/3, Building No. 127, Jindi Industrial Zone, Futian District,
Shenzhen, Guangdong, China

Prepared By : Anbotek Compliance Laboratory Limited
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Report Number : 201108660F
Date of Test : Aug. 15~19, 2011
Date of Report : Aug. 22, 2011

TABLE OF CHONTENTS

Description

Page

Test Report Verification

1. GENERAL INFORMATION	4
1.1. Description of Device (EUT)	4
1.2. Auxiliary Equipment Used during Test	5
1.3. Description of Test Facility	6
1.4. Measurement Uncertainty	6
1.5. Test Summary	6
2. POWER LINE CONDUCTED MEASUREMENT	7
2.1. Test Equipment	7
2.2. Block Diagram of Test Setup	7
2.3. Power Line Conducted Emission Measurement Limits (FCC Part 15 Subpart B Class B)	7
2.4. Configuration of EUT on Measurement	8
2.5. Operating Condition of EUT	8
2.6. Test Procedure	8
2.7. Power Line Conducted Emission Measurement Results	8
3. RADIATED EMISSION MEASUREMENT	13
3.1. Test Equipment	13
3.2. Block Diagram of Test Setup	13
3.3. Radiated Emission Limit (Subpart B Class B)	14
3.4. EUT Configuration on Measurement	14
3.5. Operating Condition of EUT	14
3.6. Test Procedure	14
3.7. Radiated Emission Measurement Results	15
4. PHOTOGRAPH	24
4.1. Photo of Power Line Conducted Emission Test	24
4.2. Photo of Radiated Emission Test	25

APPENDIX I (Photos of EUT) (4 Pages)

TEST REPORT VERIFICATION

Applicant : OpenVox Communication Co., Ltd.
Manufacturer : OpenVox Communication Co., Ltd.
EUT : Transcoding Cards
Model No. : V100
Rating : DC 3.3V or DC 12V
Trade Mark : N.A.

Measurement Procedure Used:

FCC Rules and Regulations Part 15 Subpart B 2010 & FCC / ANSI C63.4-2009

The device described above is tested by Anbotek Compliance Laboratory Limited To determine the maximum emission levels emanating from the device. The maximum emission levels are compared to the FCC Part 15 Subpart B Class B limits both radiated and conducted emissions. The measurement results are contained in this test report and Anbotek Compliance Laboratory Limited 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 Anbotek Compliance Laboratory Limited

Date of Test : Aug. 15~19, 2011

Prepared by : Well Wang
(Engineer/ Well Wang)

Reviewer : Coco Xiang
(Project Manager/ Coco Xiang)

Approved & Authorized Signer : Henry Yang
(Manager/ Henry Yang)

1. GENERAL INFORMATION

1.1. Description of Device (EUT)

Description	: Transcoding Cards
Model Number	: V100
Test Power Supply	: DC 3.3V or DC 12V via PC
Applicant	: OpenVox Communication Co., Ltd.
Address	: F/3, Building No. 127, Jindi Industrial Zone, Futian District, Shenzhen, Guangdong, China
Manufacturer	: OpenVox Communication Co., Ltd.
Address	: F/3, Building No. 127, Jindi Industrial Zone, Futian District, Shenzhen, Guangdong, China
Date of Sample received	: Aug. 13, 2011
Date of Test	: Aug. 15~19, 2011

1.2. Auxiliary Equipment Used during Test

PC	: Manufacturer: DELL M/N: OPTIPLEX 380 S/N: 1J63X2X CE , FCC: DOC
MONITOR	: Manufacturer: DELL M/N: E170Sc S/N: CN-00V539-64180-055-0UPS CE , FCC: DOC
KEYBOARD	: Manufacturer: DELL M/N: SK-8115 S/N: CN-0DJ313-71616-06C-02XN CE , FCC: DOC Cable: 1m, unshielded
MOUSE	: Manufacturer: DELL M/N: M-UARDEL7 S/N: N/A CE , FCC: DOC Cable: 1m, unshielded
Printer	: Manufacturer: Brother M/N: MFC-3360C S/N: N/A CE, FCC: DOC
Power Line	: 1.5m, unshielded
VGA Cable	: 1.5m, unshielded
USB Cable	: 1m, unshielded
gigabit-network Cable	: 10m, unshielded

1.3. Description of Test Facility

The test facility is recognized, certified, or accredited by the following organizations:

CNAS - LAB Code: L3503

Anbotech Compliance Laboratory Limited., Laboratory has been assessed and in compliance with CNAS/CL01: 2006 accreditation criteria for testing laboratories (identical to ISO/IEC 17025:2005 General Requirements) for the Competence of Testing Laboratories.

FCC-Registration No.: 752021

Anbotech Compliance Laboratory Limited, EMC Laboratory has been registered and fully described in a report filed with the (FCC) Federal Communications Commission. The acceptance letter from the FCC is maintained in our files. Registration 752021, August 20, 2010

IC-Registration No.: 8058A-1

Anbotech Compliance Laboratory Limited., EMC Laboratory has been registered and fully described in a report filed with the (IC) Industry Canada. The acceptance letter from the IC is maintained in our files. Registration 8058A-1, August 30, 2010

Test Location

All Emissions tests were performed

Anbotech Compliance Laboratory Limited. at 1/F, 1/Build, SEC Industrial Park, No. 4 Qianhai Road, Nanshan District, Shenzhen, 518054, China

1.4. Measurement Uncertainty

Radiation Uncertainty : Ur = 4.3dB

Conduction Uncertainty : Uc = 3.4dB

1.5. Test Summary

For the EUT described above. The standards used were FCC Part 15 Subpart B for Emissions.

Table 1 : Tests Carried Out Under FCC Part 15 Subpart B

Standard	Test Items	Status
FCC Part 15 Subpart B	Power Line Conducted Emission Test (150KHz To 30MHz)	√
FCC Part 15 Subpart B	Radiated Emission Test (30MHz To 1000MHz)	√

√ Indicates that the test is applicable

x Indicates that the test is not applicable

2. POWER LINE CONDUCTED MEASUREMENT

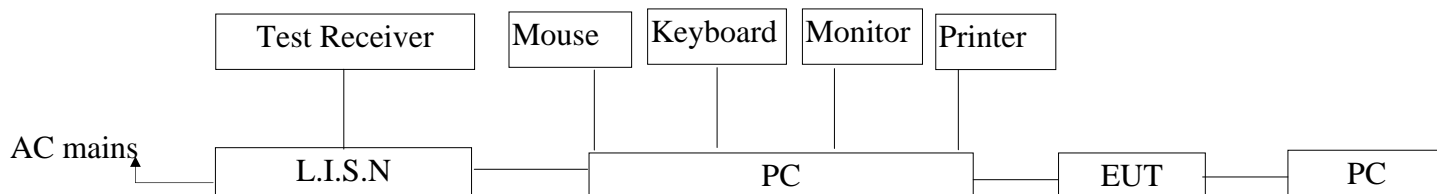
2.1. Test Equipment

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

Item	Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Cal. Interval
1.	EMI Receiver	Rohde & Schwarz	ESCI	100627	Nov. 12, 2010	1 Year
2.	Two-Line V-network	Rohde & Schwarz	ENV216	10055	May 19, 2011	1 Year
3.	RF Switching Unit	Compliance Direction	RSU-M2	38303	May 19, 2011	1 Year
4.	EMI Test Software	ES-K1	N/A	N/A	N/A	N/A

2.2. Block Diagram of Test Setup

2.2.1. Block diagram of connection between the EUT and simulators



(EUT: Transcoding Cards)

2.3. Power Line Conducted Emission Measurement Limits (FCC Part 15

Subpart B 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.

2.4. 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 : Transcoding Cards
Model Number : V100
Applicant : OpenVox Communication Co., Ltd.

2.5. Operating Condition of EUT

- 2.5.1. Setup the EUT and simulator as shown as Section 2.2.
- 2.5.2. Turn on the power of all equipment and running the software: asterisk.
- 2.5.3. Let the EUT work in test mode (On) and measure it.

2.6. 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 C63.4-2009 on Conducted Emission Measurement.

The bandwidth of test receiver (ESCI) set at 9KHz.

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

The test result are reported on Section 2.7.

2.7. Power Line Conducted Emission Measurement Results

PASS.

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

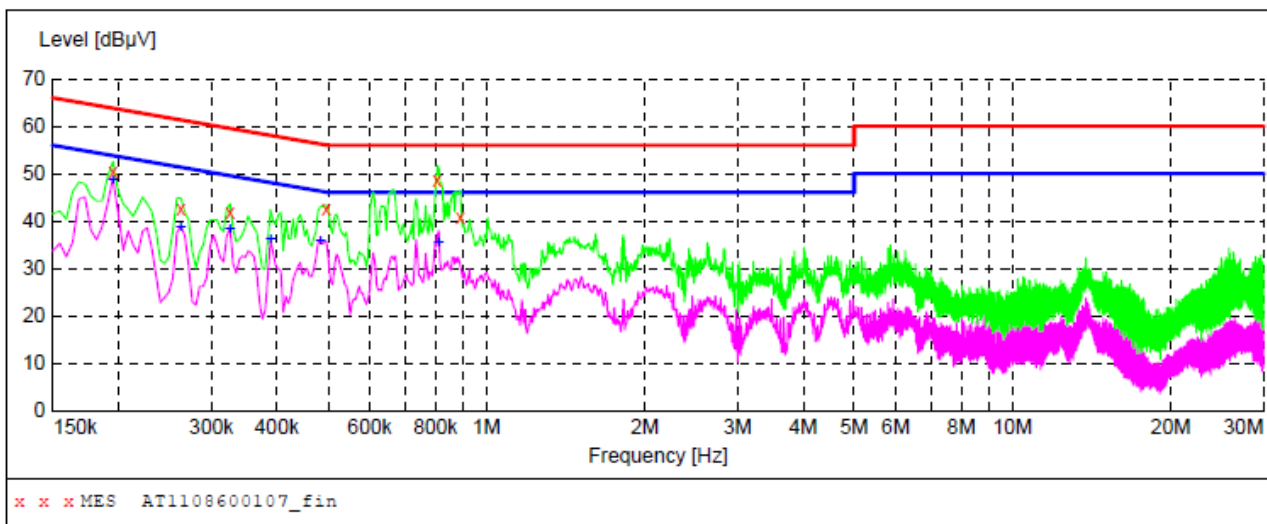
The test curves are shown in the following pages.

CONDUCTED EMISSION TEST DATA

EUT: Transcoding Cards M/N: V100
 Operating Condition: On (Connect to PCI Port)
 Test Site: 1# Shielded Room
 Operator: WELL WANG
 Test Specification: 120V~, 60Hz for PC
 Comment: L
 Tem:25°C Hum:50%

SCAN TABLE: "Voltage (150K~30M) FIN"

Short Description: 150K-30M Disturbance Voltages

**MEASUREMENT RESULT: "AT1108600107_fin"**

8/18/2011 9:14AM

Frequency MHz	Level dBμV	Transd dB	Limit dBμV	Margin dB	Detector	Line	PE
0.195000	50.60	10.1	64	13.2	QP	L1	GND
0.262500	44.50	10.1	61	16.9	QP	L1	GND
0.325500	41.90	10.1	60	17.7	QP	L1	GND
0.496500	42.70	10.1	56	13.4	QP	L1	GND
0.807000	46.70	10.1	56	9.3	QP	L1	GND
0.892500	40.70	10.1	56	15.3	QP	L1	GND

MEASUREMENT RESULT: "AT1108600107_fin2"

8/18/2011 9:14AM

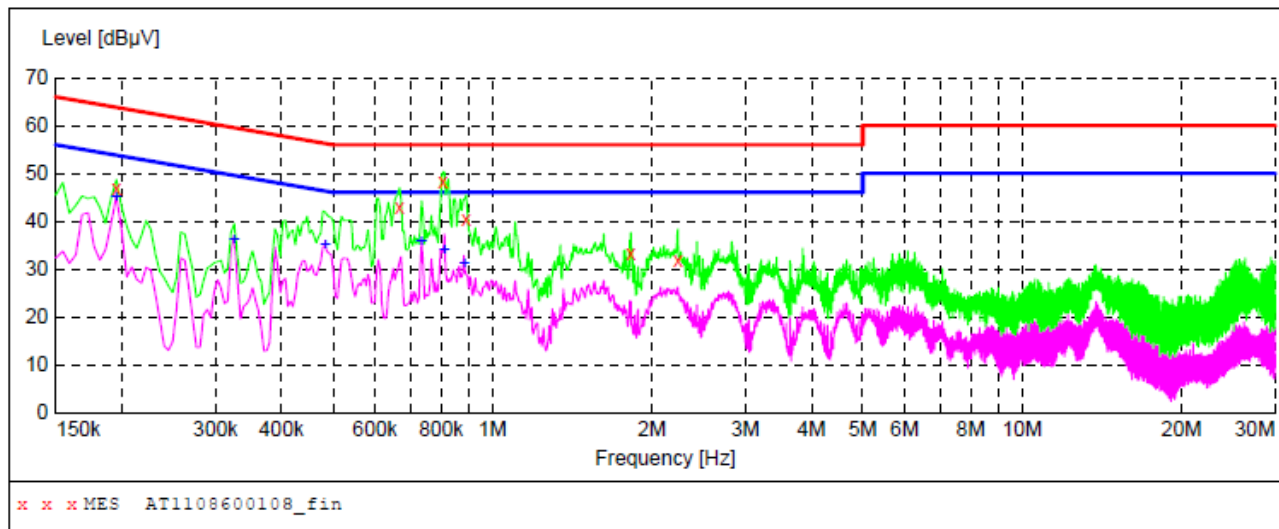
Frequency MHz	Level dBμV	Transd dB	Limit dBμV	Margin dB	Detector	Line	PE
0.195000	45.70	10.1	54	8.1	AV	L1	GND
0.262500	38.70	10.1	51	12.7	AV	L1	GND
0.325500	38.30	10.1	50	11.3	AV	L1	GND
0.388500	36.10	10.1	48	12.0	AV	L1	GND
0.483000	35.90	10.1	46	10.4	AV	L1	GND
0.811500	35.30	10.1	46	10.7	AV	L1	GND

CONDUCTED EMISSION TEST DATA

EUT: Transcoding Cards M/N:V100
 Operating Condition: On(Connect to PCI Port)
 Test Site: 1# Shielded Room
 Operator: WELL WANG
 Test Specification: 120V~, 60Hz for PC
 Comment: N
 Tem:25°C Hum:50%

SCAN TABLE: "Voltage(150K~30M) FIN"

Short Description: 150K-30M Disturbance Voltages

**MEASUREMENT RESULT: "AT1108600108_fin"**

8/18/2011 9:19AM

Frequency MHz	Level dBuV	Transd dB	Limit dBuV	Margin dB	Detector	Line	PE
0.195000	47.10	10.1	64	16.7	QP	N	GND
0.667500	43.10	10.1	56	12.9	QP	N	GND
0.807000	47.20	10.1	56	8.8	QP	N	GND
0.892500	40.50	10.1	56	15.5	QP	N	GND
1.824000	33.20	10.3	56	22.8	QP	N	GND
2.238000	32.00	10.3	56	24.0	QP	N	GND

MEASUREMENT RESULT: "AT1108600108_fin2"

8/18/2011 9:19AM

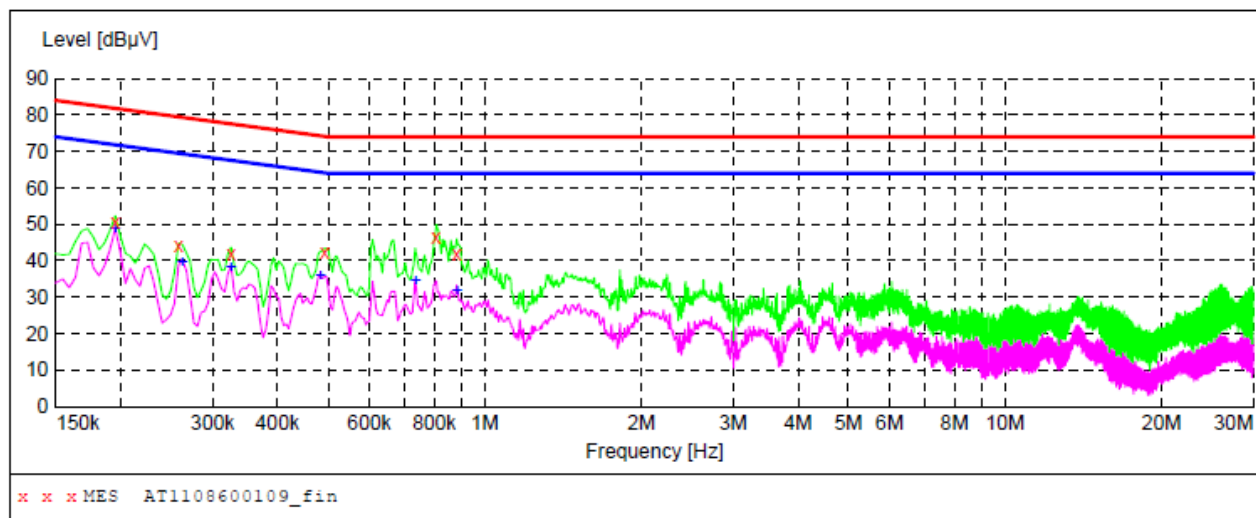
Frequency MHz	Level dBuV	Transd dB	Limit dBuV	Margin dB	Detector	Line	PE
0.195000	44.10	10.1	54	9.7	AV	N	GND
0.325500	36.30	10.1	50	13.3	AV	N	GND
0.483000	35.00	10.1	46	11.3	AV	N	GND
0.735000	35.70	10.1	46	10.3	AV	N	GND
0.811500	34.10	10.1	46	11.9	AV	N	GND
0.883500	31.10	10.1	46	14.9	AV	N	GND

CONDUCTED EMISSION TEST DATA

EUT: Transcoding Cards M/N:V100
 Operating Condition: On (Connect to PCI-e Port)
 Test Site: 1# Shielded Room
 Operator: WELL WANG
 Test Specification: 120V~, 60Hz for PC
 Comment: L
 Tem:25°C Hum:50%

SCAN TABLE: "Voltage (150K~30M) FIN"

Short Description: 150K-30M Disturbance Voltages

**MEASUREMENT RESULT: "AT1108600109_fin"**

8/18/2011 9:30AM

Frequency MHz	Level dBμV	Transd dB	Limit dBμV	Margin dB	Detector	Line	PE
0.195000	50.00	10.1	82	32.0	QP	N/A	GND
0.258000	44.20	10.1	80	35.3	QP	N/A	GND
0.325500	42.10	10.1	78	35.5	QP	N/A	GND
0.492000	42.40	10.1	74	31.7	QP	N/A	GND
0.807000	46.70	10.1	74	27.3	QP	N/A	GND
0.883500	41.80	10.1	74	32.2	QP	N/A	GND

MEASUREMENT RESULT: "AT1108600109_fin2"

8/18/2011 9:30AM

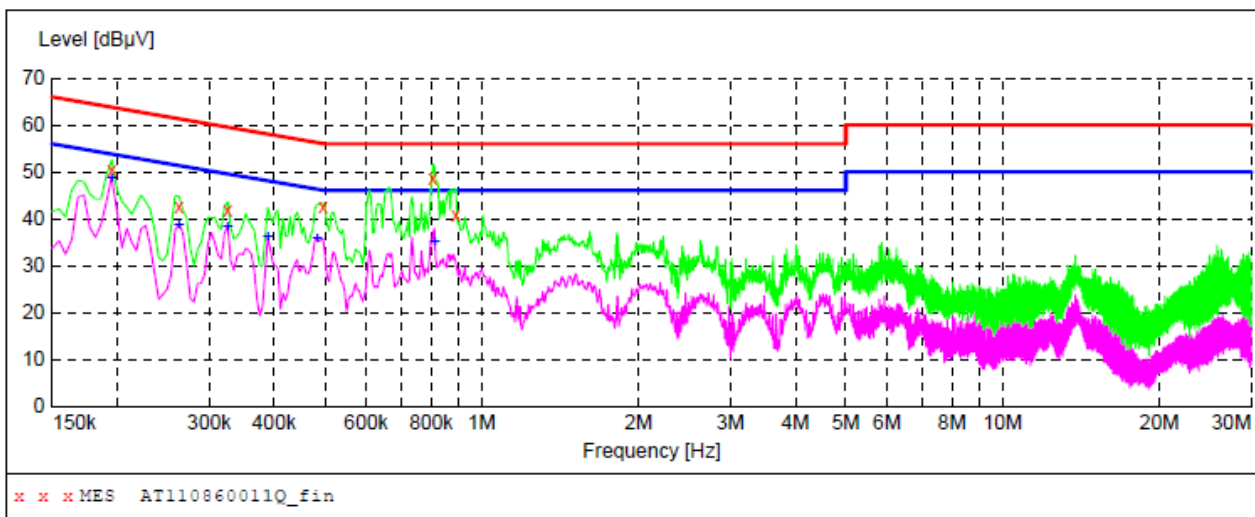
Frequency MHz	Level dBμV	Transd dB	Limit dBμV	Margin dB	Detector	Line	PE
0.195000	48.90	10.1	72	22.9	AV	N/A	GND
0.262500	39.80	10.1	69	29.6	AV	N/A	GND
0.325500	38.50	10.1	68	29.1	AV	N/A	GND
0.483000	35.90	10.1	64	28.4	AV	N/A	GND
0.735000	34.70	10.1	64	29.3	AV	N/A	GND
0.883500	30.00	10.1	64	34.0	AV	N/A	GND

CONDUCTED EMISSION TEST DATA

EUT: Transcoding Cards M/N:V100
 Operating Condition: On (Connect to PCI-e Port)
 Test Site: 1# Shielded Room
 Operator: WELL WANG
 Test Specification: 120V~, 60Hz for PC
 Comment: N
 Tem:25°C Hum:50%

SCAN TABLE: "Voltage (150K~30M) FIN"

Short Description: 150K-30M Disturbance Voltages

**MEASUREMENT RESULT: "AT1108600110_fin"**

8/18/2011 9:14AM

Frequency MHz	Level dBμV	Transd dB	Limit dBμV	Margin dB	Detector	Line	PE
0.195000	50.60	10.1	64	13.4	QP	L1	GND
0.262500	42.70	10.1	61	18.5	QP	L1	GND
0.325500	41.90	10.1	60	17.7	QP	L1	GND
0.496500	42.70	10.1	56	13.4	QP	L1	GND
0.807000	48.50	10.1	56	7.5	QP	L1	GND
0.892500	40.70	10.1	56	15.3	QP	L1	GND

MEASUREMENT RESULT: "AT1108600110_fin2"

8/18/2011 9:14AM

Frequency MHz	Level dBμV	Transd dB	Limit dBμV	Margin dB	Detector	Line	PE
0.195000	49.70	10.1	54	4.1	AV	L1	GND
0.262500	38.70	10.1	51	12.7	AV	L1	GND
0.325500	38.30	10.1	50	11.3	AV	L1	GND
0.388500	36.10	10.1	48	12.0	AV	L1	GND
0.483000	35.90	10.1	46	10.4	AV	L1	GND
0.811500	35.30	10.1	46	10.7	AV	L1	GND

3. RADIATED EMISSION MEASUREMENT

3.1. Test Equipment

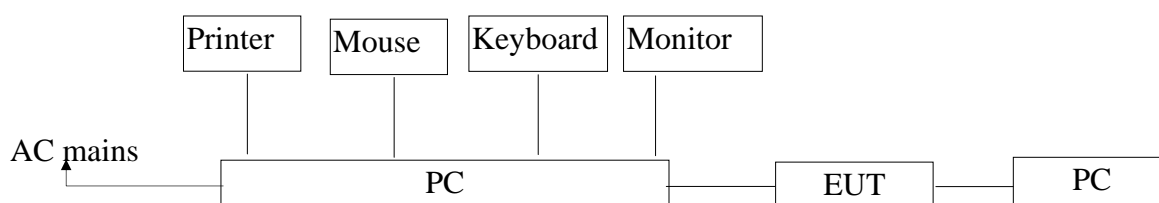
The following test equipments are used during the radiated emission measurement:

3.1.1. For Anechoic Chamber

Item	Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Cal. Interval
1	EMI Test Receiver	Rohde & Schwarz	ESCI	100627	Nov. 12, 2010	1 Year
2	Bilog Broadband Antenna	Schwarzbeck	VULB9163	100015	May 17, 2011	1 Year
3	RF Switching Unit	Compliance Direction	RSU-M2	38303	May 19, 2011	1 Year
4	EMI Test Software	ES-K1	N/A	N/A	N/A	N/A

3.2. Block Diagram of Test Setup

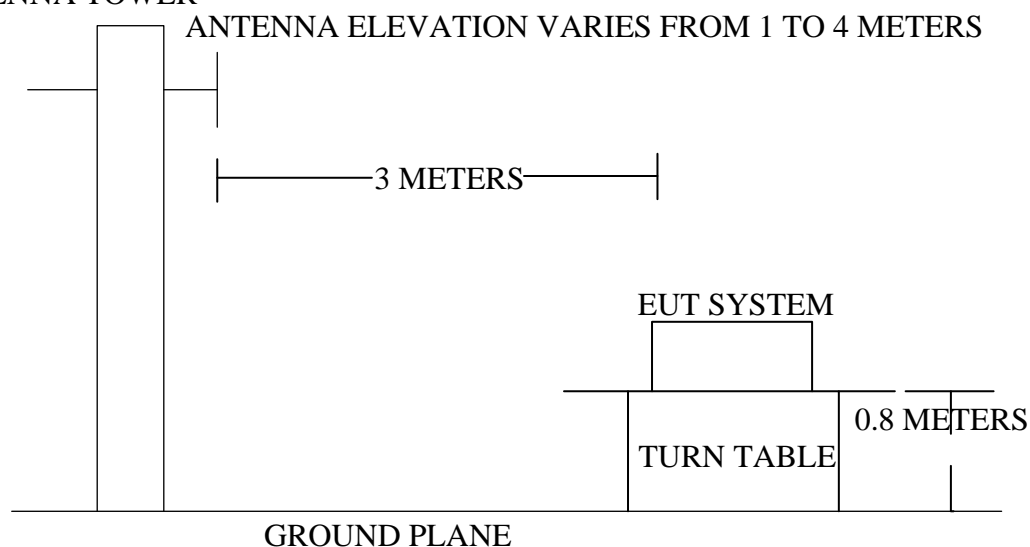
3.2.1. Block diagram of connection between the EUT and simulators



(EUT: Transcoding Cards)

3.2.2. Anechoic Chamber Test Setup Diagram

ANTENNA TOWER



(EUT: Transcoding Cards)

3.3. Radiated Emission Limit (Subpart B Class B)

FREQUENCY MHz	DISTANCE Meters	FIELD STRENGTHS LIMIT	
		$\mu\text{V/m}$	$\text{dB}(\mu\text{V})/\text{m}$
30~88	3	100	40.0
88~216	3	150	43.5
216~960	3	200	46.0
Above 960	3	500	54.0

- Remark :
- (1) Emission level $(\text{dB})\mu\text{V} = 20 \log \text{Emission level } \mu\text{V/m}$
 - (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 equipments 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.

EUT : Transcoding Cards
 Model Number : V100
 Applicant : Nanjing Panda Information Industry Co., Ltd.

3.5. Operating Condition of EUT

- 3.5.1. Setup the EUT and simulator as shown as Section 3.2.
- 3.5.2. Turn on the power of all equipment and running the software: asterisk.
- 3.5.3. Let the EUT work in test mode (On) and measure it.

3.6. Test Procedure

EUT and its simulators are placed on a turn table, 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 (Trilog Broadband Antenna) is used as receiving antenna. Both horizontal and vertical polarizations of the antenna are set on measurement. In order to find the maximum emission levels, all of the interface cables must be manipulated according to ANSI C63.4-2009 on radiated emission measurement.

The bandwidth of the EMI test receiver (ESCI) is set at 120kHz.

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

The test mode (On) is tested in chamber and all the test results are listed in Section 3.7.

3.7. Radiated Emission Measurement Results

PASS.

The test curves are shown in the following pages.


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 Nanshan District, Shenzhen, 518054, China

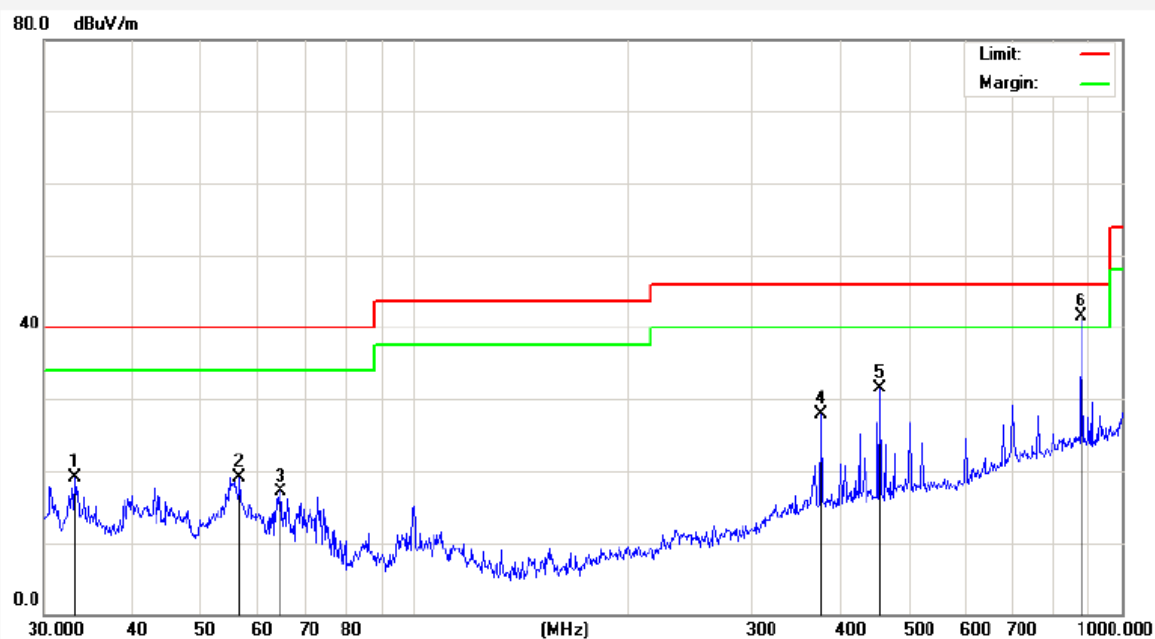
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Http://www.anbotek.com

Job No.:	AT1108600F	Polarization:	Horizontal
Standard:	(RE)FCC PART15 B _3m	Power Source:	DC 12V
Test item:	Radiation Test	Date:	2011/08/15
Temp.(C)/Hum.(%RH):	24.3(C)/55%RH	Time:	9:20:24
EUT:	Transcoding Cards	Test By:	Well Wang
Model:	V100	Distance:	3m

Mode: Connect to PCI-e Port

Note:


No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/)	Over Limit (dB)	Detector	Height (cm)	degree (deg)	Remark
1	33.2112	45.40	-26.24	19.16	40.00	-20.84	peak			
2	56.5929	44.34	-25.22	19.12	40.00	-20.88	peak			
3	64.6594	44.25	-27.21	17.04	40.00	-22.96	peak			
4	375.9385	49.85	-21.90	27.95	46.00	-18.05	peak			
5	454.3100	52.02	-20.57	31.45	46.00	-14.55	peak			
6	875.0070	53.63	-12.15	41.48	46.00	-4.52	QP	100	0	


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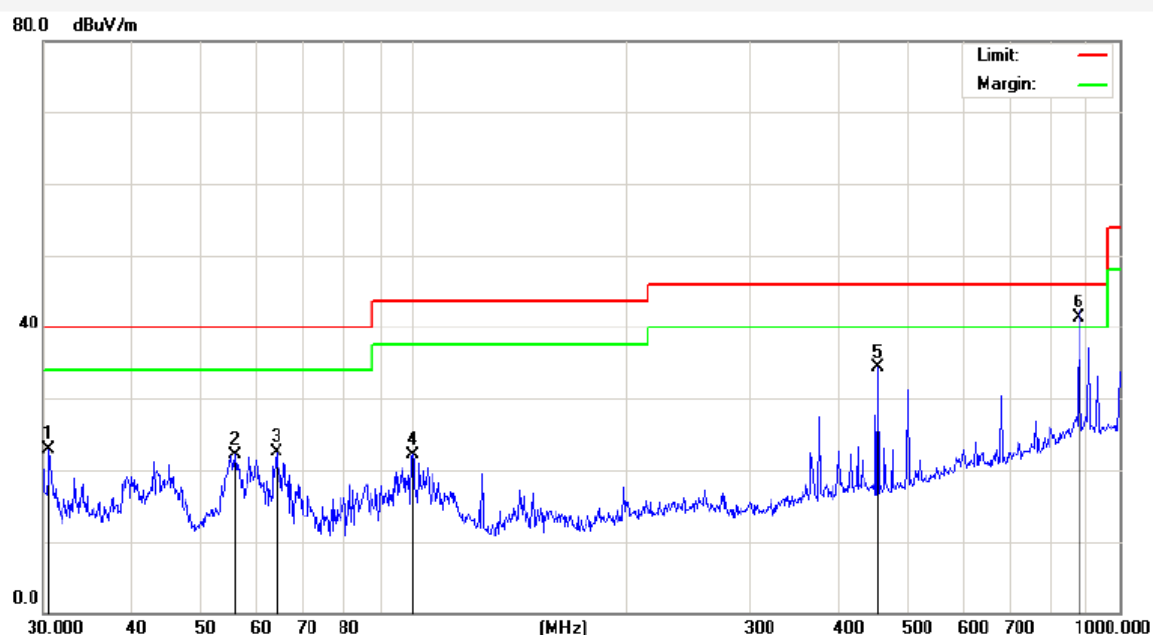
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Fax: (86)755-26014772

Http://www.anbotek.com

Job No.:	AT1108600F	Polarziation:	Vertical
Standard:	(RE)FCC PART15 B _3m	Power Source:	DC 12V
Test item:	Radiation Test	Date:	2011/08/15
Temp.(C)/Hum.(%RH):	24.3(C)/55%RH	Time:	9:22:39
EUT:	Transcoding Cards	Test By:	Well Wang
Model:	V100	Distance:	3m

Mode: Connect to PCI-e Port

Note:


No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/)	Over Limit (dB)	Detector	Height (cm)	degree (deg)	Remark
1	30.5306	49.19	-26.30	22.89	40.00	-17.11	peak			
2	56.0007	47.24	-25.19	22.05	40.00	-17.95	peak			
3	63.9828	49.51	-26.95	22.56	40.00	-17.44	peak			
4	99.8777	46.69	-24.53	22.16	43.50	-21.34	peak			
5	454.3100	54.51	-20.28	34.23	46.00	-11.77	peak			
6	875.0070	52.50	-11.15	41.35	46.00	-4.65	QP	134	237	


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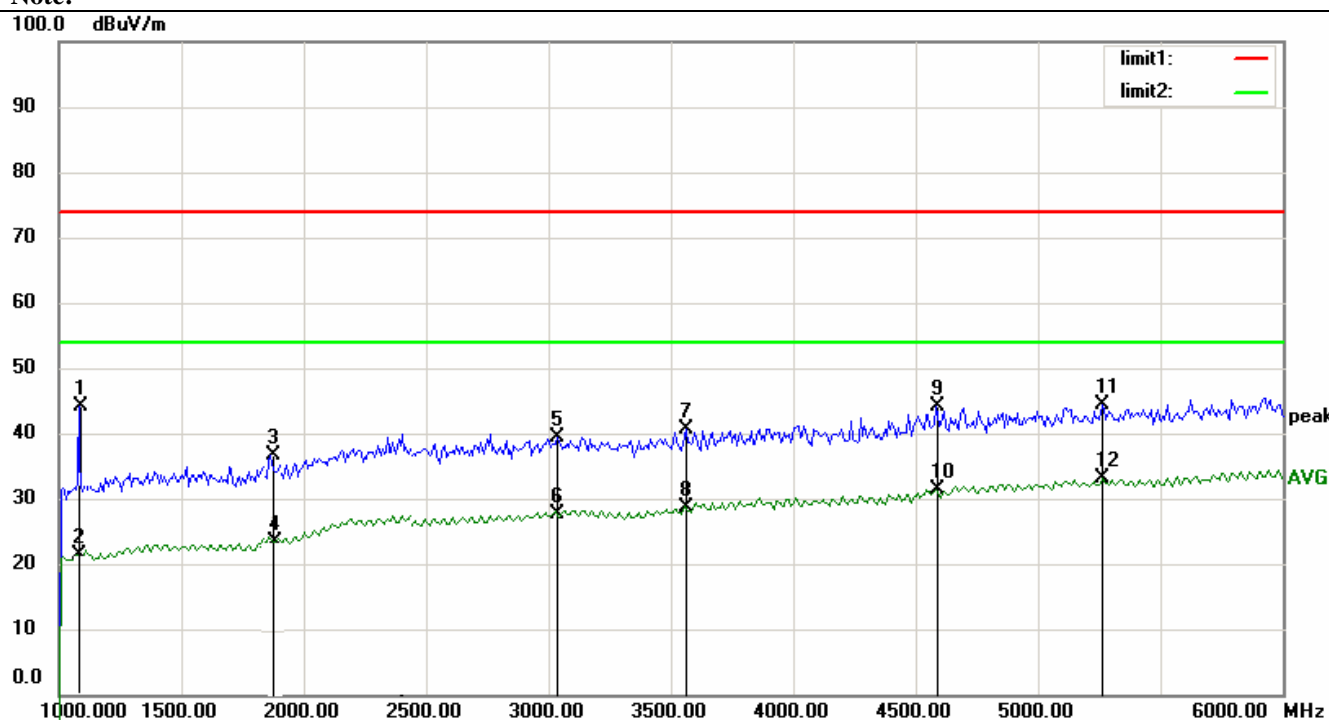
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Fax: (86)755-26014772

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Job No.:	AT1108600F	Polarization:	Horizontal
Standard:	(RE)FCC PART15 B _3m	Power Source:	DC 12V
Test item:	Radiation Test	Date:	2011/08/15
Temp.(C)/Hum.(%RH):	24.3(C)/55%RH	Time:	9:29:58
EUT:	Transcoding Cards	Test By:	Well Wang
Model:	V100	Distance:	3m
Mode:	Connect to PCI-e Port		

Note:


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Antenna Height cm	Table Degree degree	Comment
1		1157.377	51.33	-8.73	42.60	74.00	-31.40			peak
2		1157.377	36.30	-8.73	27.57	54.00	-26.43			AVG
3		1886.215	47.52	-8.16	39.36	74.00	-34.64			peak
4		1886.215	35.12	-8.16	26.96	54.00	-27.04			AVG
5		3035.256	47.50	-7.42	40.08	74.00	-33.92			peak
6		3035.252	35.63	-7.42	28.21	54.00	-25.79			AVG
7		3564.106	47.59	-6.54	41.05	74.00	-32.95			peak
8		3564.106	36.08	-6.54	29.54	54.00	-24.46			AVG
9		4581.739	48.51	-4.97	43.54	74.00	-30.46			peak
10		4581.739	36.02	-4.97	31.05	54.00	-22.95			AVG
11		5262.826	48.66	-3.17	45.49	74.00	-28.51			peak
12	*	5262.826	36.71	-3.17	33.54	54.00	-20.46			AVG


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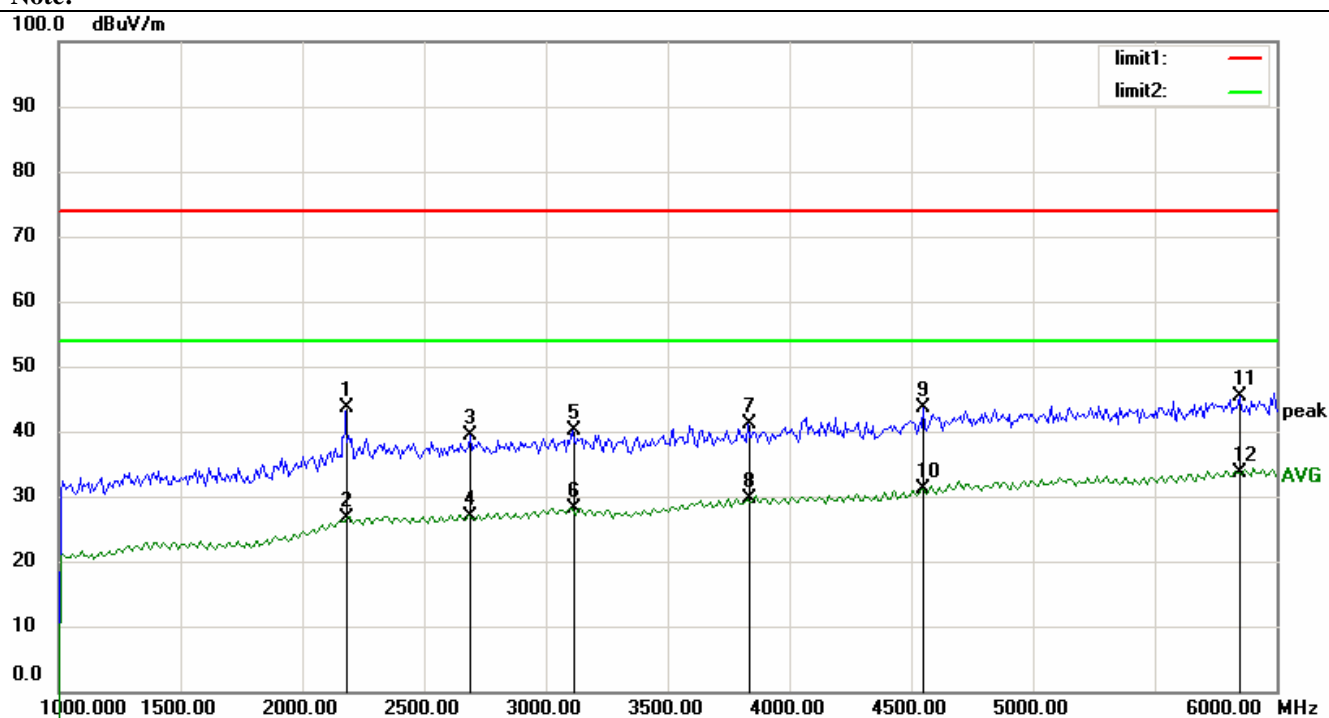
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 Nanshan District, Shenzhen, 518054, China

Tel: (86)755-26014771

Fax: (86)755-26014772

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Job No.:	AT1108600F	Polarization:	Vertical
Standard:	(RE)FCC PART15 B _3m	Power Source:	DC 12V
Test item:	Radiation Test	Date:	2011/08/15
Temp.(C)/Hum.(%RH):	24.3(C)/55%RH	Time:	9:32:20
EUT:	Transcoding Cards	Test By:	Well Wang
Model:	V100	Distance:	3m
Mode:	Connect to PCI-e Port		

Note:


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	Comment
1		2185.897	51.33	-8.73	42.60	74.00	-31.40			peak
2		2185.897	36.30	-8.73	27.57	54.00	-26.43			AVG
3		2690.705	47.52	-8.16	39.36	74.00	-34.64			peak
4		2690.705	35.12	-8.16	26.96	54.00	-27.04			AVG
5		3107.372	47.50	-7.42	40.08	74.00	-33.92			peak
6		3107.372	35.63	-7.42	28.21	54.00	-25.79			AVG
7		3828.526	47.59	-6.54	41.05	74.00	-32.95			peak
8		3828.526	36.08	-6.54	29.54	54.00	-24.46			AVG
9		4549.679	48.51	-4.97	43.54	74.00	-30.46			peak
10		4549.679	36.02	-4.97	31.05	54.00	-22.95			AVG
11		5847.756	48.66	-3.17	45.49	74.00	-28.51			peak
12	*	5847.756	36.71	-3.17	33.54	54.00	-20.46			AVG


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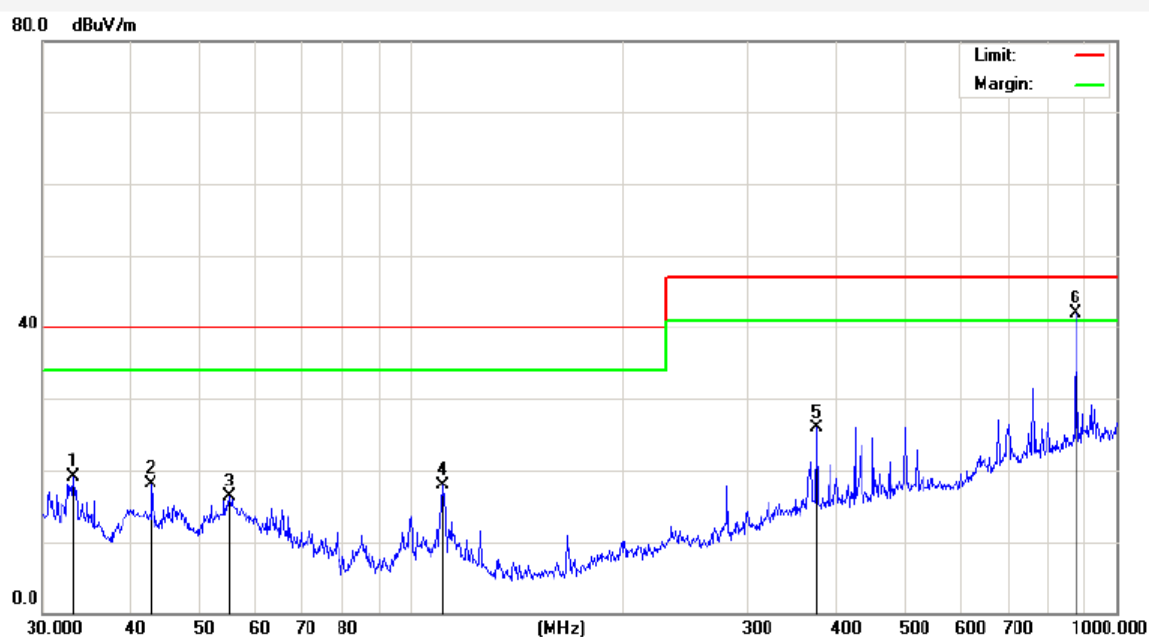
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Job No.:	AT1108600F	Polarization:	Horizontal
Standard:	(RE)FCC PART15 B _3m	Power Source:	DC 3.3V
Test item:	Radiation Test	Date:	2011/08/15
Temp.(C)/Hum.(%RH):	24.3(C)/55%RH	Time:	9:24:30
EUT:	Transcoding Cards	Test By:	Well Wang
Model:	V100	Distance:	3m
Mode:	Connect to PCI Port		

Note:


No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Over Limit (dB)	Detector	Height (cm)	degree (deg)	Remark
1	33.0950	45.31	-26.25	19.06	40.00	-20.94	peak			
2	42.7496	42.79	-24.78	18.01	40.00	-21.99	peak			
3	55.2207	41.41	-25.13	16.28	40.00	-23.72	peak			
4	110.5687	47.37	-29.39	17.98	40.00	-22.02	peak			
5	375.9385	47.85	-21.90	25.95	47.00	-21.05	peak			
6	875.2470	54.00	-12.14	41.86	47.00	-5.14	peak			


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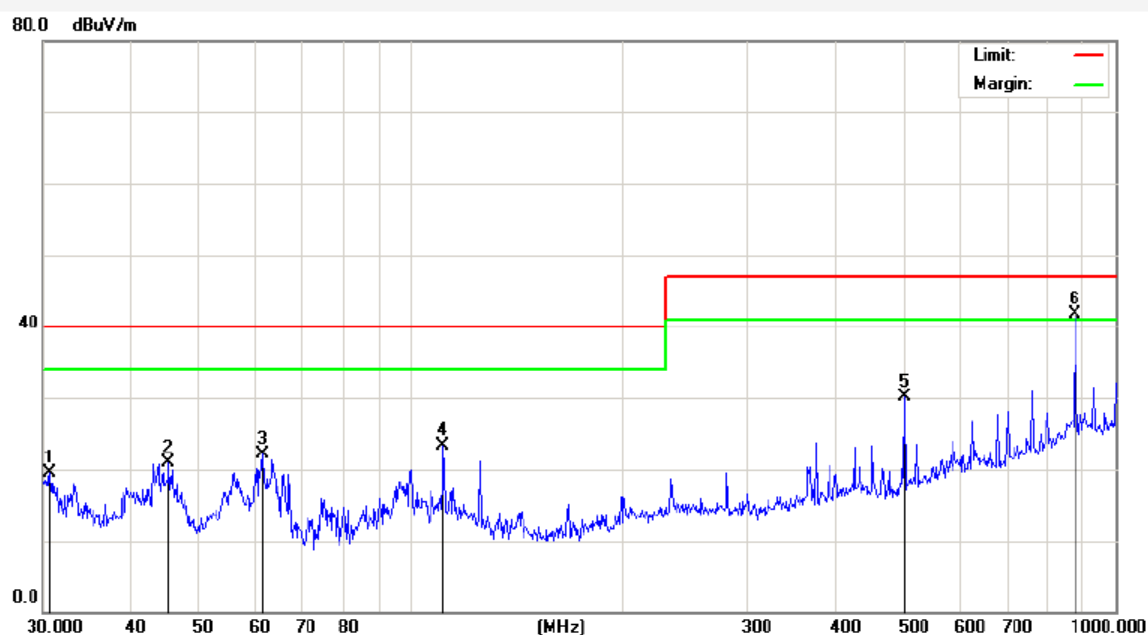
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Job No.:	AT1108600F	Polarziation:	Vertical
Standard:	(RE)FCC PART15 B _3m	Power Source:	DC 3.3V
Test item:	Radiation Test	Date:	2011/08/15
Temp.(C)/Hum.(%RH):	24.3(C)/55%RH	Time:	9:27:53
EUT:	Transcoding Cards	Test By:	Well Wang
Model:	V100	Distance:	3m
Mode:	Connect to PCI Port		

Note:


No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/)	Over Limit (dB)	Detector	Height (cm)	degree (deg)	Remark
1	30.6378	45.72	-26.30	19.42	40.00	-20.58	peak			
2	45.2165	45.65	-24.74	20.91	40.00	-19.09	peak			
3	61.3462	48.02	-25.94	22.08	40.00	-17.92	peak			
4	110.9570	47.77	-24.42	23.35	40.00	-16.65	peak			
5	501.1789	49.38	-19.25	30.13	47.00	-16.87	peak			
6	875.0169	52.79	-11.15	41.64	47.00	-5.36	QP	100	205	


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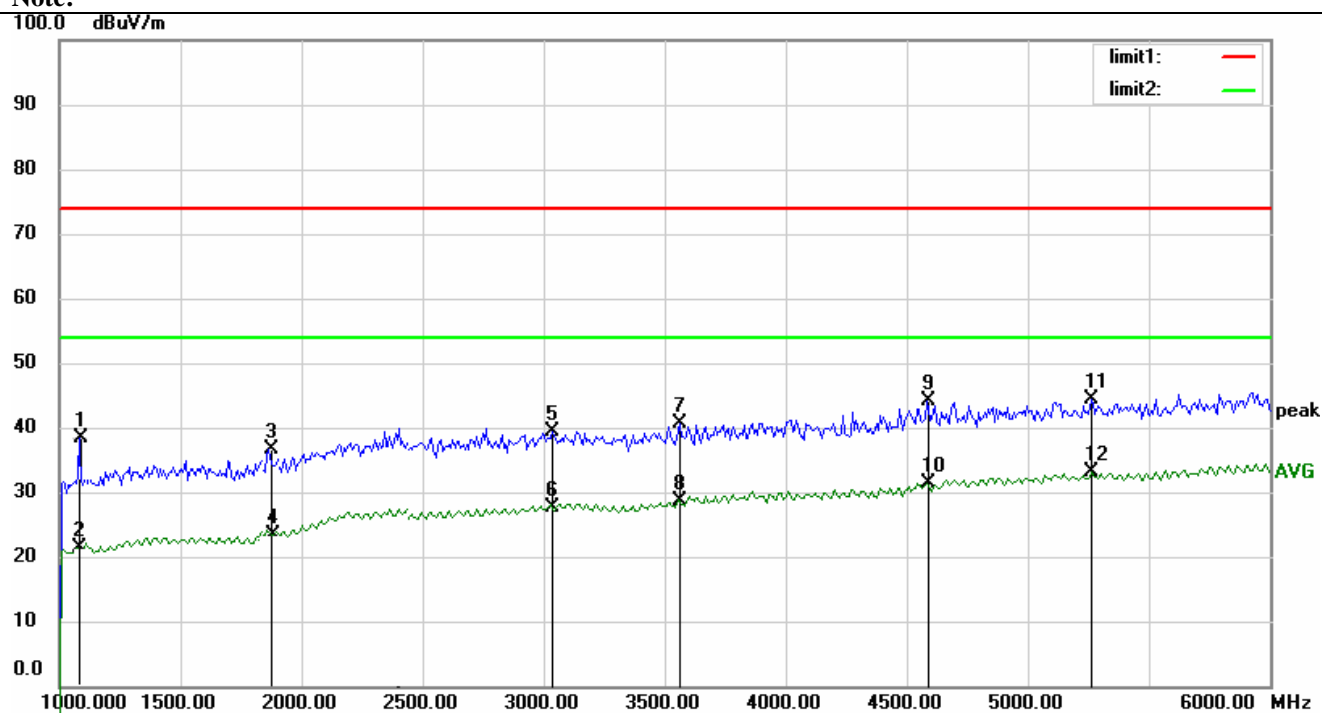
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 Nanshan District, Shenzhen, 518054, China

Tel: (86)755-26014771

Fax: (86)755-26014772

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Job No.:	AT1108600F	Polarization:	Horizontal
Standard:	(RE)FCC PART15 B _3m	Power Source:	DC 3.3V
Test item:	Radiation Test	Date:	2011/08/15
Temp.(C)/Hum.(%RH):	24.3(C)/55%RH	Time:	9:34:56
EUT:	Transcoding Cards	Test By:	Well Wang
Model:	V100	Distance:	3m
Mode:	Connect to PCI Port		

Note:


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Antenna Height cm	Table Degree degree	Comment
1		1155.352	51.33	-8.73	42.60	74.00	-31.40			peak
2		1155.372	36.30	-8.73	27.57	54.00	-26.43			AVG
3		1891.208	47.52	-8.16	39.36	74.00	-34.64			peak
4		1891.211	35.12	-8.16	26.96	54.00	-27.04			AVG
5		3035.256	47.50	-7.42	40.08	74.00	-33.92			peak
6		3035.256	35.63	-7.42	28.21	54.00	-25.79			AVG
7		3564.102	47.59	-6.54	41.05	74.00	-32.95			peak
8		3564.102	36.08	-6.54	29.54	54.00	-24.46			AVG
9		4581.731	48.51	-4.97	43.54	74.00	-30.46			peak
10		4581.731	36.02	-4.97	31.05	54.00	-22.95			AVG
11		5262.820	48.66	-3.17	45.49	74.00	-28.51			peak
12	*	5262.820	36.71	-3.17	33.54	54.00	-20.46			AVG


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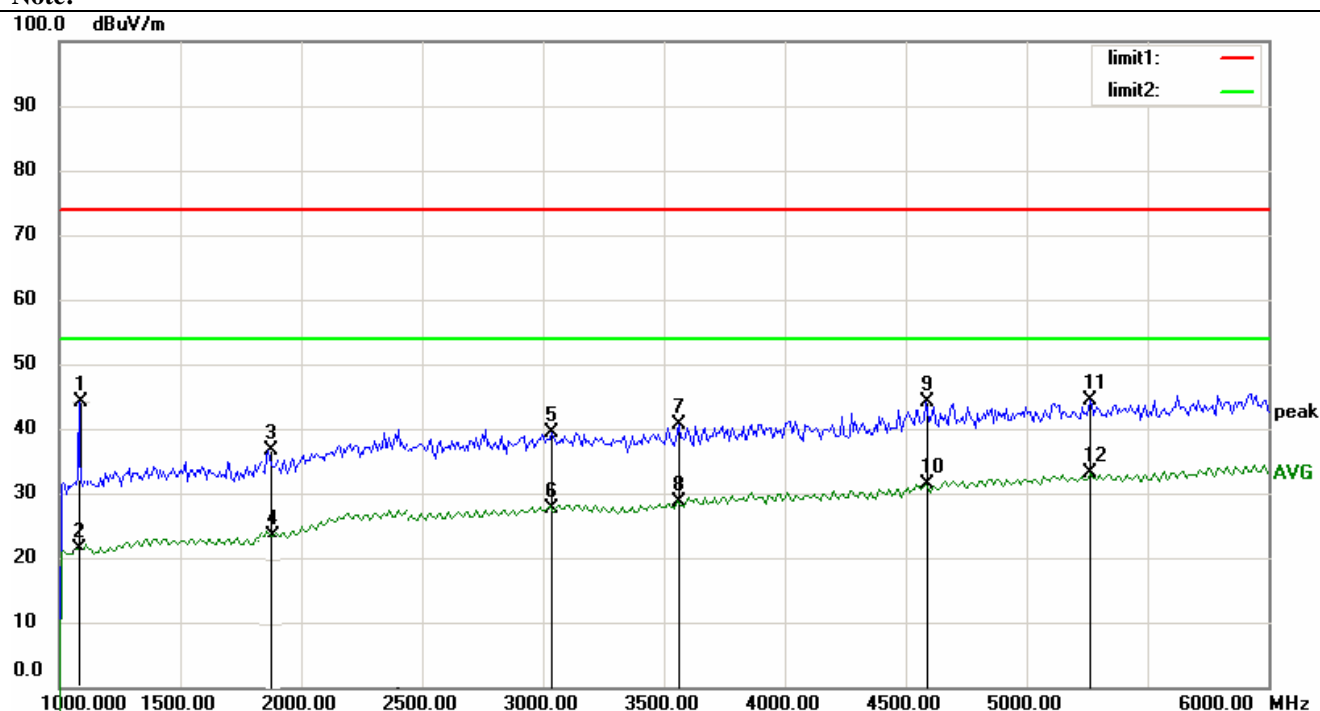
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Tel: (86)755-26014771

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Job No.:	AT1108600F	Polarization:	Vertical
Standard:	(RE)FCC PART15 B _3m	Power Source:	DC 3.3V
Test item:	Radiation Test	Date:	2011/08/15
Temp.(C)/Hum.(%RH):	24.3(C)/55%RH	Time:	9:35:14
EUT:	Transcoding Cards	Test By:	Well Wang
Model:	V100	Distance:	3m
Mode:	Connect to PCI Port		

Note:

No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	Comment
1		1201.892	52.68	-11.76	40.92	74.00	-33.08			peak
2		1201.892	37.10	-11.76	25.34	54.00	-28.66			AVG
3		1790.708	48.08	-8.66	39.42	74.00	-34.58			peak
4		1790.701	34.78	-8.66	26.12	54.00	-27.88			AVG
5		3035.256	46.95	-7.53	39.42	74.00	-34.58			peak
6		3035.256	35.18	-7.53	27.65	54.00	-26.35			AVG
7		3564.102	47.69	-7.03	40.66	74.00	-33.34			peak
8		3564.102	35.71	-7.03	28.68	54.00	-25.32			AVG
9		4581.731	48.97	-4.90	44.07	74.00	-29.93			peak
10		4581.731	36.23	-4.90	31.33	54.00	-22.67			AVG
11		5262.820	48.43	-4.06	44.37	74.00	-29.63			peak
12	*	5262.820	37.10	-4.06	33.04	54.00	-20.96			AVG