CERTIFICATE OF CONFORMITY

For the following information — Ref. File No.: C1M1702055

Product	LCD Monitor
Model Number	(1)E2275SW** (2)215LM000** (*=alphameric or blank)
Serial Number	N/A
Brand	AOC
Applicant	Taiwan BOE Vision-electronic
Manufacturer #1	K Tronics (Suzhou) Technology Co., Ltd.
Manufacturer #2	Hefei BOE Vision-electronic Technology Co., Ltd
Test Report Number	EM-F170075
Standards	47 CFR FCC Part 15 Subpart B:2015 and ICES-003 Issue 6:2016 (Class B Limit)

We hereby certify that the above product has been tested by us and complied with the FCC and ISED official limits. The product might be marketed in US in accordance with the standard 47 CFR FCC Part 2 and Part 15 Subpart B Class B equipment regulations under FCC Rules. The test was performed according to the procedures mentioned in ANSI C63.4:2014. The test data and results are issued on the test report no. EM-F170075.

Signature

Alex Deng/Deputy Manager
Date: 2017. 02. 16

Test Laboratory:
AUDIX Technology Corporation, EMC Department
NVLAP Lab. Code: 200077-0
FCC OET Designation: TW1004 & TW1090
Web Site: www.audixtech.com

TESTING
NVLAP LAB CODE 200077-0

The statement is based on a single evaluation of one sample of the above-mentioned products. It does not imply an assessment of the whole production and does not permit the use of the test lab logo.

Technical Compliance Statement

For the following information **Ref. File No.: C1M1702055**

Product	:	LCD Monitor
Model Number	:	(1)E2275SW** (2)215LM000** (*=alphameric or blank)
Serial Number	:	N/A
Brand Name	:	AOC
Applicant	:	Taiwan BOE Vision-electronic
Manufacturer#1	:	K Tronics (Suzhou) Technology Co., Ltd.
Manufacturer#2	:	Hefei BOE Vision-electronic Technology Co., Ltd
Standards	:	47 CFR FCC Part 15 Subpart B:2015 and ICES-003 Issue 6:2016 (Class B Limit)

We hereby certify that the above product has been tested by us and complied with the FCC and ISED official limits. The product might be marketed in US in accordance with the standard 47 CFR FCC Part 2 and Part 15 Subpart B Class B equipment regulations under FCC Rules. The test was performed according to the procedures mentioned in ANSI C63.4:2014. The test data and results are issued on the test report no. **EM-F170075**.

Signature

Alex Deng/Deputy Manager
Date: 2017. 02. 16

Testing Laboratory
1724

TESTING
NVLAP LAB CODE 200077-0

Test Laboratory:
AUDIX Technology Corporation, EMC Department
NVLAP Lab. Code: 200077-0
FCC OET Designation: TW1004 & TW1090
Web Site: www.audixtech.com

The statement is based on a single evaluation of one sample of the above-mentioned products. It does not imply an assessment of the whole production and does not permit the use of the test lab logo.

TEST REPORT FOR FCC and ISED

Taiwan BOE Vision-electronic

LCD Monitor

Model No.: (1)E2275SW** (2)215LM000** (*=alphameric or blank)

Brand: AOC

Prepared for : Taiwan BOE Vision-electronic
7F., No.2, Ruiguang Rd., Neihu Dist.,
Taipei City 114, Taiwan (R.O.C.)

Prepared By : AUDIX Technology Corporation
EMC Department
No. 53-11, Dingfu, Linkou Dist.,
New Taipei City 244, Taiwan

Tel : (02) 2609-9301, 2609-2133
Fax : (02) 2609-9303

File Number	:	C1M1702055
Report Number	:	EM-F170075
Date of Test	:	2017. 02. 13 ~ 14
Date of Report	:	2017. 02. 16

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TEST REPORT FOR COMPLIANCE DECLARATION

Applicant	:	Taiwan BOE Vision-electronic
Manufacturer#1	:	K Tronics (Suzhou) Technology Co., Ltd.
Manufacturer#2	:	Hefei BOE Vision-electronic Technology Co., Ltd
EUT Description	:	LCD Monitor
	(A) Model No.	: (1)E2275SW** (2)215LM000** (*=alphameric or blank)
	(B) Serial No.	: N/A
	(C) Brand Name	: AOC
	(D) Power Supply	: AC 100-240V, 50/60Hz
	(E) Test Voltage	: AC 120V, 60Hz

Measurement Standard Used:

47 CFR FCC Part 15 Subpart B:2015
ANSI C63.4:2014
ICES-003 Issue 6:2016

The device described above was tested by AUDIX Technology Corporation, to determine the maximum emission levels emanating from the device. The maximum emission levels were compared to the FCC Part 15 subpart B with the provisions of sections 15.107 and 15.109 and ICES-003 Class B limits both conducted and radiated emissions.

The measurement results are contained in this test report and AUDIX Technology Corporation is assumed full responsibility for the accuracy and completeness of these measurements. Also, this report shows that the EUT to be technically compliant with the FCC and ISED official limits.

This report applies to above tested sample only and which shall not be reproduced in part without written approval of AUDIX Technology Corporation.

The report must not be used by the client to claim product certification, approval, or endorsement by NVLAP, NIST, or any agency of the Federal Government.

Date of Test: 2017. 02. 13 ~ 14 Date of Report : 2017. 02. 16

Producer : Harper Lee
(Harper Lee/Assistant Administrator)

Signatory: Alex Deng
(Alex Deng/Deputy Manager)

Name of the Representative of the Responsible Party :

Signature :

1. DESCRIPTION OF VERSION

Edition No.	Date of Rev.	Revision Summary	Report No.
0	2017. 02. 16	Original Report.	EM-F170075

2. SUMMARY OF STANDARDS AND RESULTS

2.1. Description of Standards and Results

The EUT has been tested according to the applicable standards as referenced below.

EMISSION			
Description of Test Item	**Standard**	**Limits**	**Results**
Powerline Conducted Emission Measurement	47 CFR FCC Part 15 Subpart B:2015 and ICES-003:2016	Class B	PASS
		Minimum passing margin is 3.31dB at 21.715MHz	
Radiated Emission (30-1000MHz)	47 CFR FCC Part 15 Subpart B:2015 and ICES-003:2016	Class B	PASS
		Minimum passing margin is 3.63dB at 214.790MHz (Vertical, 1.0m/305^{o})	
Radiated Emission (Above 1GHz)	47 CFR FCC Part 15 Subpart B:2015 and ICES-003:2016	Class B	PASS
		Minimum passing margin is 14.01dB at 1678.962MHz	

3. GENERAL INFORMATION

3.1. Description of Device (EUT)

Description	:	LCD Monitor
Model Number	:	(1)E2275SW** (2)215LM000** (*=alphameric or blank) The difference of above models is in sales marketing. The model E2275SWQE was tested in this report.
Serial Number	:	N/A
Brand Name	:	AOC
Applicant	:	Taiwan BOE Vision-electronic 7F., No.2, Ruiguang Rd., Neihu Dist., Taipei City 114, Taiwan (R.O.C.)
Manufacturer #1	:	K Tronics (Suzhou) Technology Co., Ltd. No. 1700 Zhongshan North Road, Wujiang Jiangsu China.
Manufacturer #2	:	Hefei BOE Vision-electronic Technology Co., Ltd NO.2177, Dongfang Avenue, New Station District, Hefei, Anhui, Provience, P.R. China
Max. Resolution	:	1920*1080/60Hz
D-Sub Cable	:	Shielded, Detachable, 1.5m Bonded two ferrite cores
HDMI Cable	:	Shielded, Detachable, 1.8m
AC Power Cord	:	Unshielded, Detachable, 1.5m (3C)
Date of Receipt of Sample	:	2017. 02. 17
Date of Test	:	2017. 02. 13 ~ 14

Remark 1:
The EUT is a LCD Monitor which input/output ports provided as follows:

Back View:
(1) One AC In Port
(2) One DP Port
(3) One HDMI Port
(4) One D-Sub Port
(5) One Earphone Port

Remark 2:

The EUT with the following test modes were pre-scanned.

Test Item	Input Port	Resolution/Frequency
Conducted Disturbance Measurement	HDMI	1920*1080/60Hz
		1280*1024/75Hz
		640*480/60Hz
	D-Sub	1920*1080/60Hz
	DP	1920*1080/60Hz
Radiated Disturbance Measurement	HDMI	1920*1080/60Hz
		1280*1024/75Hz
		640*480/60Hz
	D-Sub	1920*1080/60Hz
	DP	1920*1080/60Hz

Finally, the under worse test modes were demonstrated compliance with the standards in the report.

Test Item	Input Port	Resolution/Frequency
Conducted Disturbance Measurement	HDMI	1920*1080/60Hz
Radiated Disturbance Measurement	HDMI	1920*1080/60Hz

3.2. Description of Tested Supporting Unit and Cable

3.2.1. Support Peripheral Unit

No.	Product	Brand	Model No.	Serial No.	Approval
1	PC System	Lenovo	MT-M 7611-PV2	R82RT31	By DoC
2	Printer	HP	C2642A	TH85L1N0Y2	By DoC
3	USB Keyboard	Lenovo	KU-0225	0904489	By DoC
4	USB Mouse	Lenovo	LXB MO28UOAUSB	4406685	By DoC
5	USB Storage Media	pqi	U273	N/A	By DoC
6	Earphone	LGITON	FS-99	N/A	N/A

3.2.2. Cable List

No.	Signal Cable Description Of The Above Support Units
1	DP Cable: Shielded, Detachable, 1.5m AC Power Cord: Unshielded, Detachable, 1.8m
2	USB Cable: Shielded, Detachable, 1.8m AC Power Cord: Unshielded, Detachable, 1.8m
3	USB Cable: Shielded, Undetachable, 1.8m
4	USB Cable: Shielded, Undetachable, 1.8m
5	USB Cable: Shielded, Undetachable, 1.0m
6	Earphone Cable: Unshielded, Undetachable, 1.1m

3.3. Test Facility

Name of Firm	:	**AUDIX Technology Corporation** **EMC Department** No. 53-11, Dingfu, Linkou Dist., New Taipei City 244, Taiwan
Test Facility & Location	:	**No. 5 Shielded Room &** **No. 6 Open Area Test Site &** **No. 2 3m Semi-Anechoic Chamber** No. 67-4, Dingfu, Linkou Dist., New Taipei City 244, Taiwan.
NVLAP Lab. Code	:	200077-0
TAF Accreditation No	:	1724
FCC OET Designation	:	TW1004 & TW1090

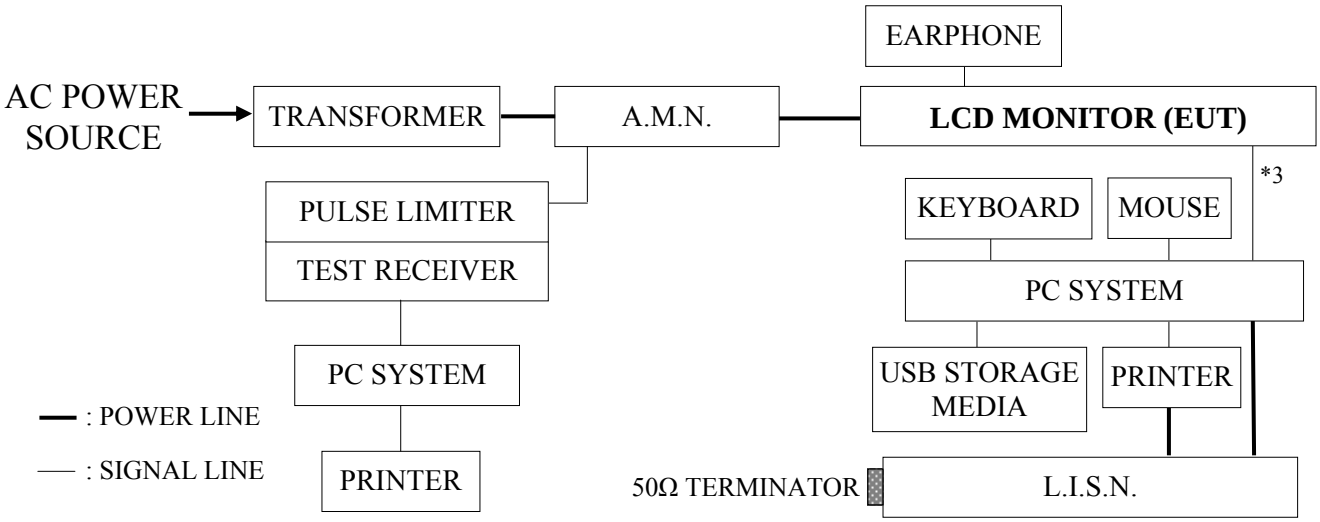
4. POWERLINE CONDUCTED EMISSION MEASUREMENT

4.1. Test Equipment

The following test equipment was used during the powerline conducted emission measurement：(No. 5 Shielded Room)

Item	Type	Manufacturer	Model No.	Serial No.	Cal. Date	Cal. Interval
1.	Test Receiver	R&S	ESR3	101773	2016. 02. 23	1 Year
2.	A.M.N.	R&S	ENV4200	100003	2016. 06. 07	1 Year
3.	L.I.S.N.	Kyoritsu	KNW-407	8-1539-2	2016. 12. 28	1 Year
4.	Pulse Limiter	R&S	ESH3-Z2	100355	2017. 01. 16	1 Year

4.2. Block Diagram of Test Setup



4.3. Powerline Conducted Emission Limit (FCC§15.107/ICES-003, Class B)

Frequency	Maximum RF Line Voltage	
	Quasi-Peak Level	Average Level
150kHz ~ 500kHz	66 ~ 56 dBμV	56 ~ 46 dBμV
500kHz ~ 5MHz	56 dBμV	46 dBμV
5MHz ~ 30MHz	60 dBμV	50 dBμV

Remark: 1. If the average limit is met when using a quasi-peak detector, the EUT shall be deemed to meet both limits and measurement with the average detector is unnecessary.
2. The lower limit applies at the band edges.

4.4. Operating Condition of EUT

4.4.1. Set up the **LCD Monitor (EUT)** and simulator as shown on 4.2.

4.4.2. To turn on the power of all equipment.

4.4.3. The PC system read data from disk.

4.4.4. The PC system was running the self-test program "H-Win" by Windows 7 and sending "H" characters (Arial, 10) to the **LCD Monitor (EUT)** via HDMI input, the screen was filling with "H" pattern by **LCD Monitor (EUT)**'s resolution.

4.4.5. The PC system was running the program "Windows Media Player" and sending sounds to earphone.

4.4.6. The other peripheral devices were driven and operated in turn during all testing.

4.5. Test Procedure

The EUT was placed on table which was above the ground by 80cm and it's power cord was connected to the AC main through an Artificial Mains Network (A.M.N.). The peripheral devices power cord connected to the power mains through another line impedance stabilization network (L.I.S.N.). This provided a 50 ohm coupling impedance for the measuring equipment. (Please refer to the block diagram of the test setup and photographs.)
Both sides of A.C. line were checked for maximum conducted interference.
In order to find the maximum emission, the relative positions of equipment and all of the interface cables were changed according to ANSI C63.4:2014 during conducted measurement.

The bandwidth of the R & S Test Receiver ESR3 was set at 9 kHz.

The frequency range from 150kHz to 30MHz was pre-scanned with a peak detector.

All the readings of measurements were with the Quasi-Peak detector and Average detector. (Remark: If the Average limit is met when using a Quasi-Peak detector, the Average detector is unnecessary)

4.6. Powerline Conducted Emission Measurement Results

PASSED. All emissions not reported below are too low against the prescribed limits.

The EUT with following test modes was measured during this section testing and to read Q.P. & Average Value, the test results are listed in next pages.

EUT：LCD Monitor M/N：E2275SWQE

Test Date：2017. 02. 13 Temperature：22℃ Humidity：51%

The details of test modes are as follows：

No.	Input Port	Resolution / Frequency	Reference Test Data No.	
			Neutral	Line
1.	HDMI	1920*1080/60Hz	# 12	# 11

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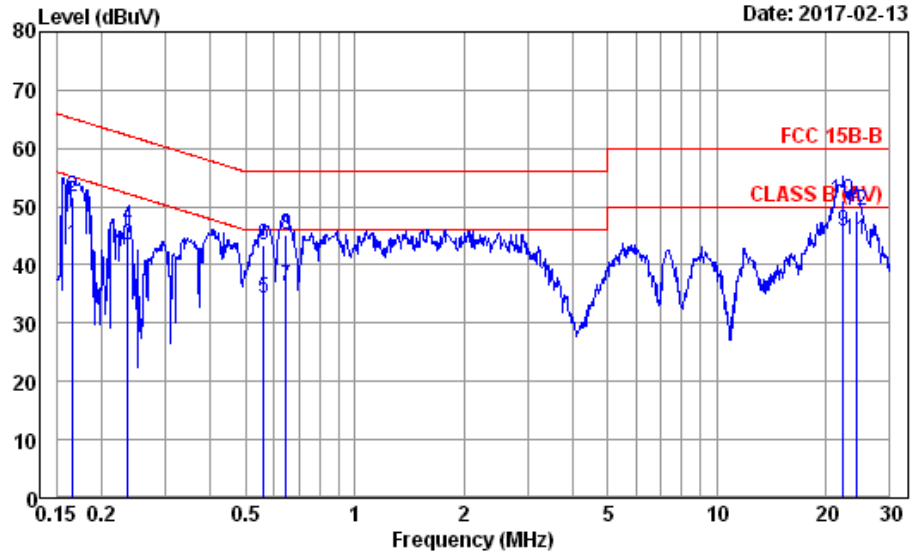
Data: 12 File: D:\test-data\Report\2017\C1M1702XXX\C1M1702055-C-D.EM6 (20)



Site no. : No.5 Shielded Room Data no. : 12
Condition : ENV4200 100003 LISN Phase : NEUTRAL
Limit : FCC 15B-B
Env. / Ins. : 22*C/51% ESR3 (101773) Engineer : Eason
EUT : E2275SWQE
Power Rating : 120Vac / 60Hz
Test Mode : 1920*1080/60Hz HDMI

	Freq. (MHz)	AMN Factor (dB)	Cable Loss (dB)	Pulse Att. (dB)	Reading (dBµV)	Emission Level (dBµV)	Limits (dBµV)	Margin (dB)	Remark
1	0.167	10.16	0.01	9.86	23.31	43.34	55.12	11.78	Average
2	0.167	10.16	0.01	9.86	31.57	51.60	65.12	13.52	QP
3	0.237	10.11	0.02	9.86	23.44	43.43	52.22	8.79	Average
4	0.237	10.11	0.02	9.86	26.61	46.60	62.22	15.62	QP
5	0.561	10.02	0.02	9.86	14.47	34.37	46.00	11.63	Average
6	0.561	10.02	0.02	9.86	23.42	43.32	56.00	12.68	QP
7	0.647	10.01	0.02	9.86	16.56	36.45	46.00	9.55	Average
8	0.647	10.01	0.02	9.86	25.25	45.14	56.00	10.86	QP
9	22.298	13.28	0.14	9.94	22.35	45.71	50.00	4.29	Average
10	22.298	13.28	0.14	9.94	27.73	51.09	60.00	8.91	QP
11	24.400	13.76	0.15	9.96	20.27	44.14	50.00	5.86	Average
12	24.400	13.76	0.15	9.96	25.33	49.20	60.00	10.80	QP

Remarks: 1. Emission Level= AMN Factor + Cable Loss + Pulse Att. + Reading.
2. If the average limit is met when useing a quasi-peak detector, the EUT shall be deemed to meet both limits and measurement with average detector is unnecessary.

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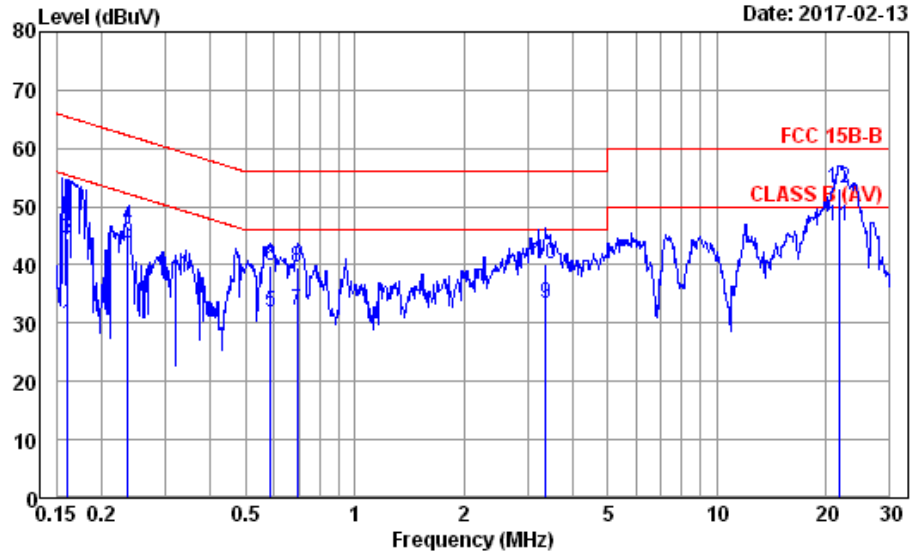


Site no. : No.5 Shielded Room Data no. : 11
Condition : ENV4200 100003 LISN Phase : LINE
Limit : FCC 15B-B
Env. / Ins. : 22*C/51% ESR3 (101773) Engineer : Eason
EUT : E2275SWQE
Power Rating : 120Vac / 60Hz
Test Mode : 1920*1080/60Hz HDMI

	Freq. (MHz)	AMN Factor (dB)	Cable Loss (dB)	Pulse Att. (dB)	Reading (dBµV)	Emission Level (dBµV)	Limits (dBµV)	Margin (dB)	Remark
1	0.162	10.20	0.01	9.86	9.71	29.78	55.38	25.60	Average
2	0.162	10.20	0.01	9.86	24.63	44.70	65.38	20.68	QP
3	0.237	10.14	0.02	9.86	23.61	43.63	52.22	8.59	Average
4	0.237	10.14	0.02	9.86	26.76	46.78	62.22	15.44	QP
5	0.585	10.04	0.02	9.86	11.99	31.91	46.00	14.09	Average
6	0.585	10.04	0.02	9.86	19.99	39.91	56.00	16.09	QP
7	0.694	10.02	0.02	9.86	12.40	32.30	46.00	13.70	Average
8	0.694	10.02	0.02	9.86	19.56	39.46	56.00	16.54	QP
9	3.364	10.19	0.04	9.86	13.16	33.25	46.00	12.75	Average
10	3.364	10.19	0.04	9.86	20.08	40.17	56.00	15.83	QP
11	21.715	13.60	0.14	9.94	23.01	46.69	50.00	3.31	Average
12	21.715	13.60	0.14	9.94	29.36	53.04	60.00	6.96	QP

Remarks: 1. Emission Level= AMN Factor + Cable Loss + Pulse Att. + Reading.
2. If the average limit is met when useing a quasi-peak detector, the EUT shall be deemed to meet both limits and measurement with average detector is unnecessary.

5. RADIATED EMISSION MEASUREMENT

5.1. Test Equipment

The following test equipment was used during radiated emission measurement：

5.1.1. For 30MHz-1000MHz Frequency (At No. 6 Open Area Test Site)

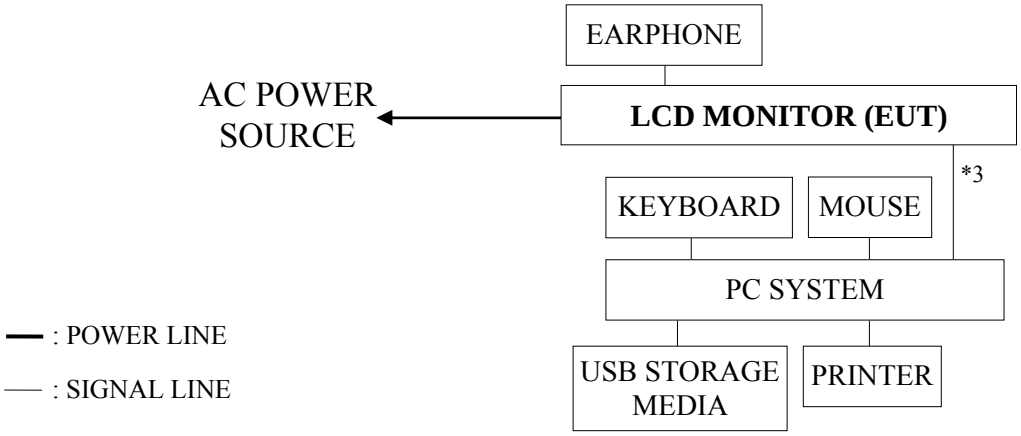
Item	Type	Manufacturer	Model No.	Serial No.	Cal. Date	Cal. Interval
1.	Spectrum Analyzer	Agilent	N9010A-507	MY49061167	2016. 05. 06	1 Year
2.	Test Receiver	R&S	ESCS30	100339	2016. 04. 26	1 Year
3.	Amplifier	HP	8447D	2727A05737	N.C.R.	N.C.R.
4.	Log Periodic Antenna	ETC	MCTD 2856	LP14N02010	2016. 02. 26	1 Year
5.	Biconical Antenna	ETC	MCTD 0286	BC14N02008	2016. 02. 26	1 Year

5.1.2. For above 1GHz Frequency (At No.2 3m Semi-Anechoic Chamber)

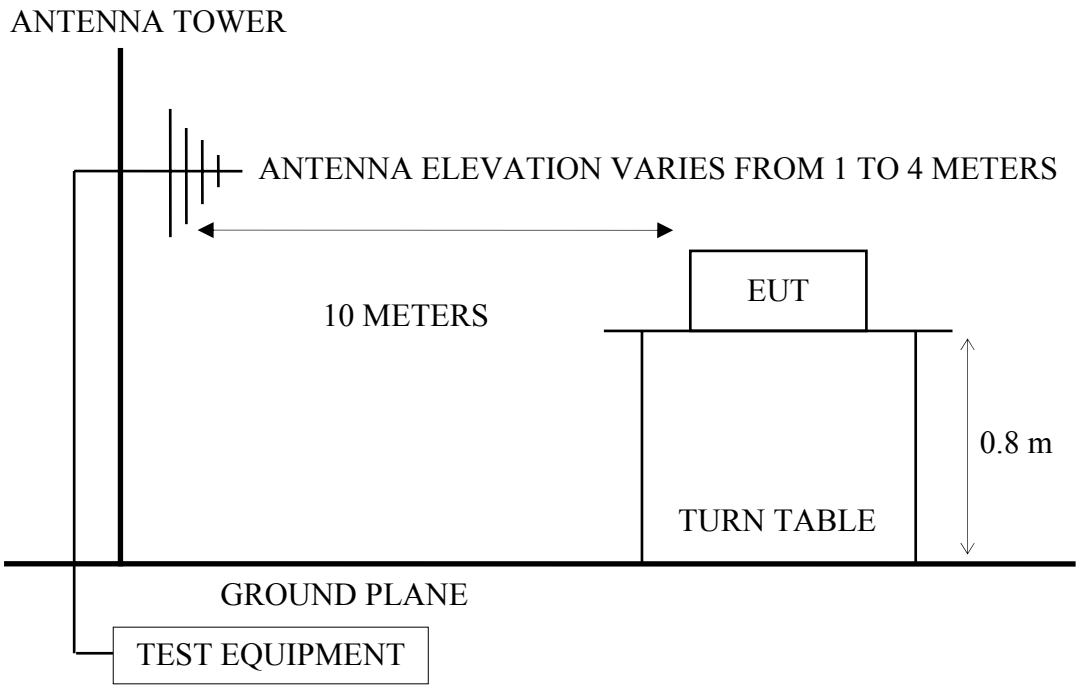
Item	Type	Manufacturer	Model No.	Serial No.	Cal. Date	Cal. Interval
1.	Spectrum Analyzer	Agilent	N9010A-526	MY48031076	2016. 09. 30	1 Year
2.	Microwave Preamplifier	Agilent	8449B	3008A02596	2016. 12. 27	1 Year
3.	Double-Ridged Waveguide Horn	EMCO	3115	9112-3775	2016. 05. 13	1 Year

5.2. Block Diagram of Test Setup

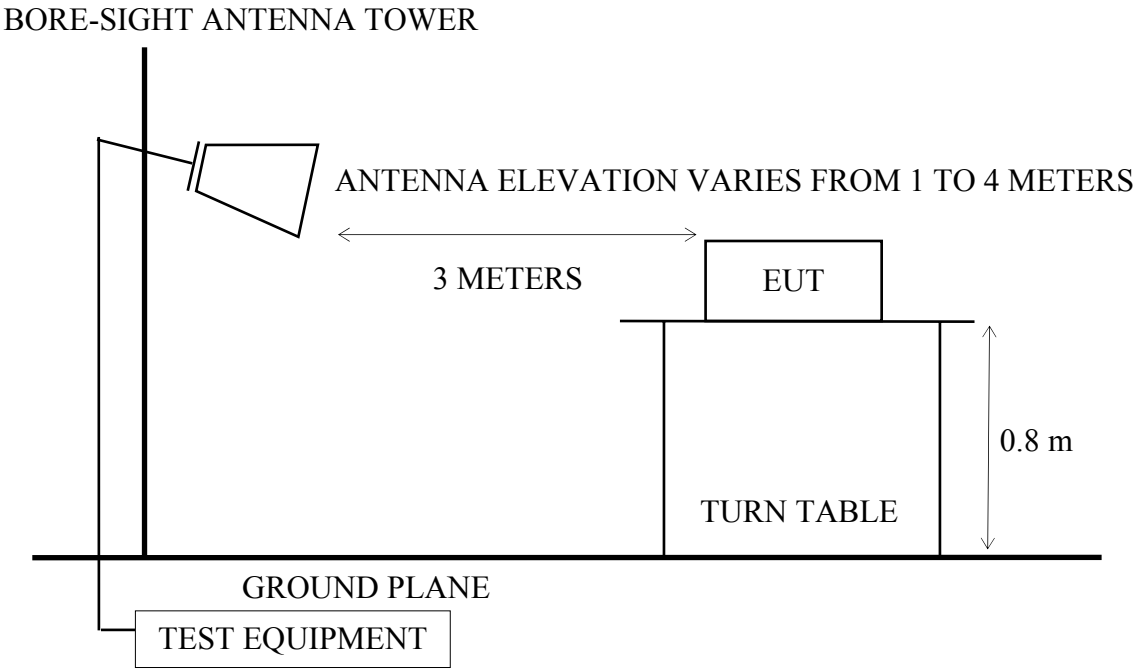
5.2.1. Block Diagram of connection between EUT and simulators



5.2.2. Open Area Test Site (10m) for 30-1000MHz



5.2.3. Semi-Anechoic Chamber (3m) Setup Diagram for above 1GHz



5.3. Radiation Emission Limit

(FCC§15.109/CISPR 22/ICES-003, Class B)

FREQUENCY (MHz)	DISTANCE (Meters)	FIELD STRENGTHS LIMITS (dBμV/m)
30 ~ 230	10	30
230 ~ 1000	10	37
Above 1000	3	73.98 (Peak)
Above 1000	3	53.98 (Average)

Notes： (1) The tighter limit applies at the edge between two frequency bands.

(2) Distance refers to the distance in meters between the measuring instrument antenna and the closed point of any part of the E.U.T.

(3) The CISPR 22 limit is used as an alternative according to FCC 15.109(g) and ICES-003 clause 5

5.4. Operating Condition of EUT

Same as powerline conducted emission measurement which is listed in 4.4. except the test set up replaced by section 5.2.

5.5. Test Procedure

5.5.1. For Frequency Range 30MHz-1000MHz, which measurement was at Open Area Test Site:

The EUT and its simulator were placed on a turn table which was 0.8 meter above ground. The turn table rotate 360 degrees to determine the position of the maximum emission level. EUT was set 10 meters away from the receiving antenna which were mounted on an antenna tower. The antenna could be moved up and down between 1 meter and 4 meters to find out the maximum emission level. Broadband antennas were used as a receiving antenna.
Both horizontal and vertical polarizations of the antenna were set on measurement. In order to find the maximum emission, all of the interface cables were manipulated according to ANSI C63.4:2014 on radiated measurement.

The bandwidth of the R & S Test Receiver ESCS30 was set at 120 kHz.

The frequency range from 30MHz to 1000MHz was checked with Peak detector and all final readings of measurement were with Quasi-Peak detector at Semi-Anechoic Chamber.

5.5.2. For Frequency Range above 1GHz, which measurement was at Semi-Anechoic Chamber:

The EUT and its simulators were placed on a turn table which was 0.8 meter above ground. The portion of the test volume that was obstructed by absorber placed on the floor (30cm maximum). The turn table rotated 360 degrees to determine the position of the maximum emission level. EUT was set 3 meters away from the receiving antenna which was mounted on an antenna tower. The antenna can move up and down between 1 meter and 4 meters to find out the maximum emission level.
Both horizontal and vertical polarization of the antenna were set on measurement, and both average and peak emission level were recorded form spectrum analyzer. In order to find the maximum emission level, all the interface cables were manipulated according to ANSI C63.4:2014 on radiated measurement.

The resolution bandwidth of Agilent Spectrum Analyzer N9010A-526 was set at 1MHz.

The frequency range above 1GHz was checked and all final readings of measurement were with Peak and Average value at Semi-Anechoic Chamber.

5.6. Radiated Emission Measurement Results

PASSED. All emissions not reported below are too low against the prescribed limits.

For 30MHz~1000MHz frequency range：

The EUT with following test mode were performed during this section testing and the test data are listed in section 5.6.1.

EUT：LCD Monitor M/N：E2275SWQE

Test Date：2017. 02. 13 Temperature：22℃ Humidity：47%

The details of test modes are as follows：

No.	Input Port	Resolution / Frequency	Reference Test Data No.	
			Horizontal	Vertical
1.	HDMI	1920*1080/60Hz	# 2	# 1

For above 1GHz frequency range：

The EUT with following test mode were performed during this section testing and the test data are listed in section 5.6.2.

EUT：LCD Monitor M/N：E2275SWQE

Test Date：2017. 02. 14 Temperature：18℃ Humidity：56%

The details of test modes are as follows：

No.	Input Port	Resolution / Frequency	Reference Test Data No.	
			Horizontal	Vertical
1.	HDMI	1920*1080/60Hz	# 4	# 3

5.6.1. Radiated Emission Measurement Results at Open Area Test Site (30 ~ 1000MHz)

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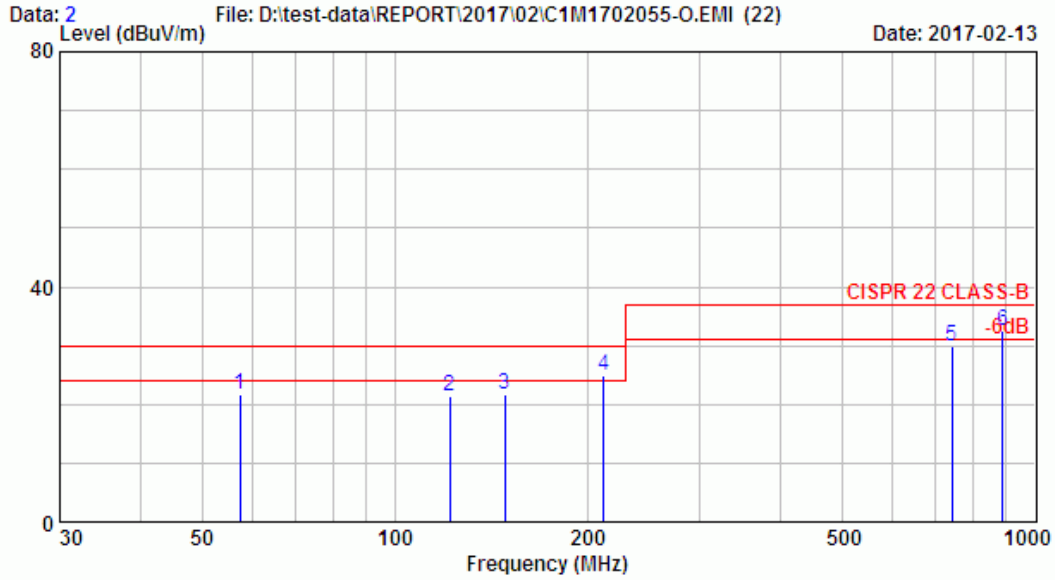
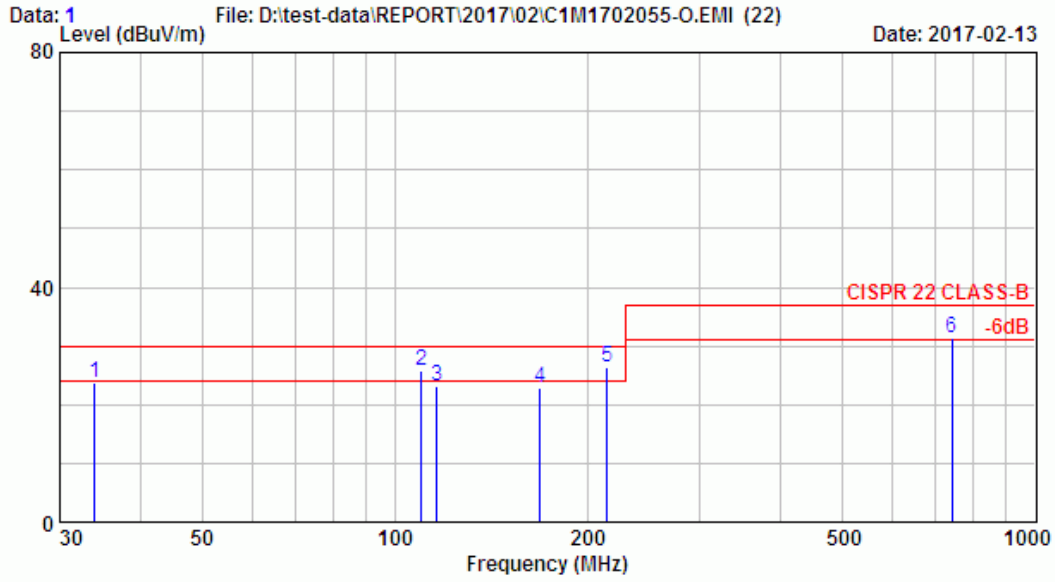


Site no. : OATS No. 6 Data no. : 2
Dis. / Ant. : 10m MCTD 0286/2856 08/10 Ant. pol. : HORIZONTAL
Limit : CISPR 22 CLASS-B
Env. / Ins. : 22*C / 47% ESCS 30 (339) Engineer : Joey
EUT M/N : E2275SWQE
Power Rating : 120Vac / 60Hz
Test Mode : 1920*1080/60Hz HDMI

	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBµV)	Emission Level (dBµV/m)	Limits (dBµV/m)	Margin (dB)	Remark
1	57.270	15.53	1.03	5.20	21.76	30.00	8.24	QP
2	122.026	16.99	1.59	2.70	21.27	30.00	8.73	QP
3	148.502	18.01	1.79	2.00	21.80	30.00	8.20	QP
4	212.106	21.39	2.21	1.20	24.81	30.00	5.19	QP
5	742.493	22.44	4.44	3.10	29.97	37.00	7.03	QP
6	890.993	25.84	4.94	1.80	32.58	37.00	4.42	QP

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.
2. The emissions not reported are 20 dB lower than the specified limit.

AUDIX Technology Corp. EMC Department
No.53-11, Dingfu , Linkou , Dist. , New Taipei City , 244 Taiwan , R.O.C.
Tel:+886-2-26092133 Fax:+886-2-26099303
Email:emc@audixtech.com



Site no. : OATS No. 6 Data no. : 1
Dis. / Ant. : 10m MCTD 0286/2856 08/10 Ant. pol. : VERTICAL
Limit : CISPR 22 CLASS-B
Env. / Ins. : 22*C / 47% ESCS 30 (339) Engineer : Joey
EUT M/N : E2275SWQE
Power Rating : 120Vac / 60Hz
Test Mode : 1920*1080/60Hz HDMI

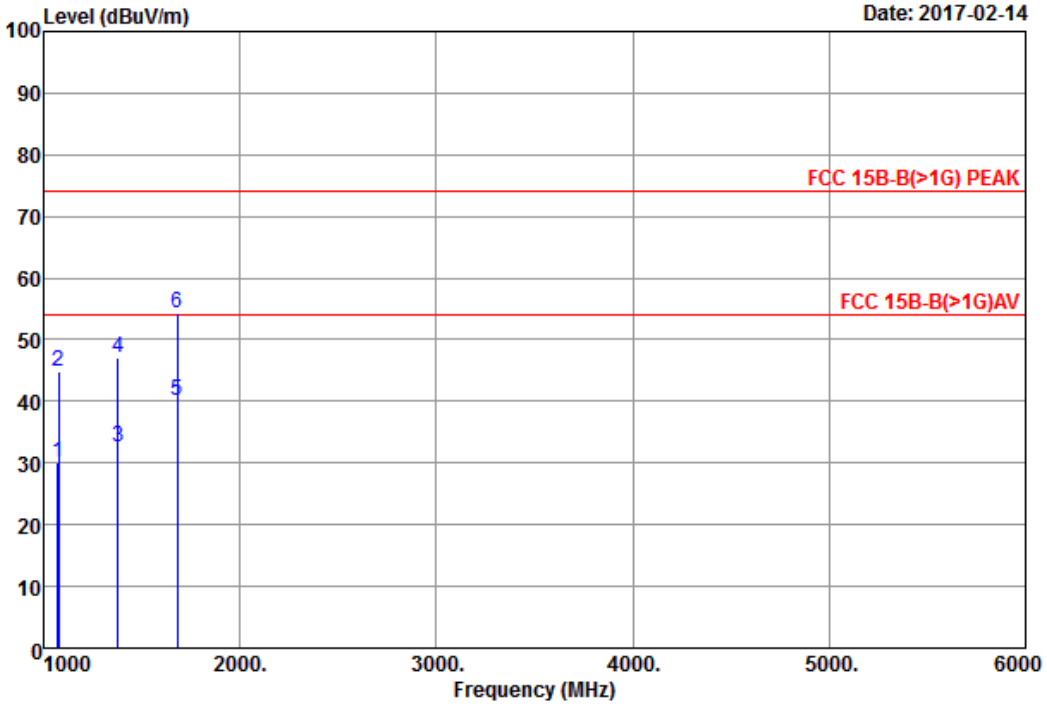
	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBµV)	Emission Level (dBµV/m)	Limits (dBµV/m)	Margin (dB)	Remark
1	34.010	18.45	0.78	4.60	23.83	30.00	6.17	QP
2	110.190	16.33	1.50	8.02	25.85	30.00	4.15	QP
3	116.400	16.69	1.55	4.90	23.14	30.00	6.86	QP
4	168.590	18.60	1.93	2.27	22.79	30.00	7.21	QP
5	214.790	21.49	2.23	2.65	26.37	30.00	3.63	QP
6	742.496	22.44	4.44	4.40	31.27	37.00	5.73	QP

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.
2. The emissions not reported are 20 dB lower than the specified limit.

5.6.2. Radiated Emission Measurement Results at Semi-Anechoic Chamber (Above 1GHz)

AUDIX Technology Corp. EMC Department
No.53-11, Dingfu, Linkou Dist., New Taipei City,
244 Taiwan R.O.C.
Tel: +886-2-26092133 Fax: +886-2-26099303
Email: emc@audixtech.com

Data: 4 File: \\Em2_chamber\data (d)\Test data\REPORT\2017\02\C1M1702055-CHAMBER.EM6 (8



Site no. : Audix No.2 Chamber Data no. : 4
Dis. / Ant. : 3m HORN3115-3775 Ant. pol. : HORIZONTAL
Limit : FCC 15B-B(>1G) PEAK
Env. / Ins. : 18*C / 56% N9010A (076) Engineer : Ghost
EUT : E2275SWQE
Power Rating : 120Vac/60Hz
Test Mode : 1920*1080/60Hz HDMI

	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	PREAMP Gain (dB)	Reading (dBµV)	Emission Level (dBµV/m)	Limits (dBµV/m)	Margin (dB)	Remark
1	1074.269	24.82	4.43	36.72	37.64	30.17	53.98	23.81	Average
2	1075.000	24.82	4.43	36.72	52.35	44.88	73.98	29.10	Peak
3	1379.620	25.38	5.13	36.06	38.12	32.57	53.98	21.41	Average
4	1380.000	25.38	5.13	36.06	52.56	47.01	73.98	26.97	Peak
5	1678.962	26.52	5.41	35.64	43.68	39.97	53.98	14.01	Average
6	1680.000	26.52	5.41	35.64	58.04	54.33	73.98	19.65	Peak

Remarks: 1. Emission Level= Antenna Factor + Cable Loss - Preamp Gain + Reading.
2. The emissions not reported are 20 dB lower than the specified limit.

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No.53-11, Dingfu, Linkou Dist., New Taipei City,
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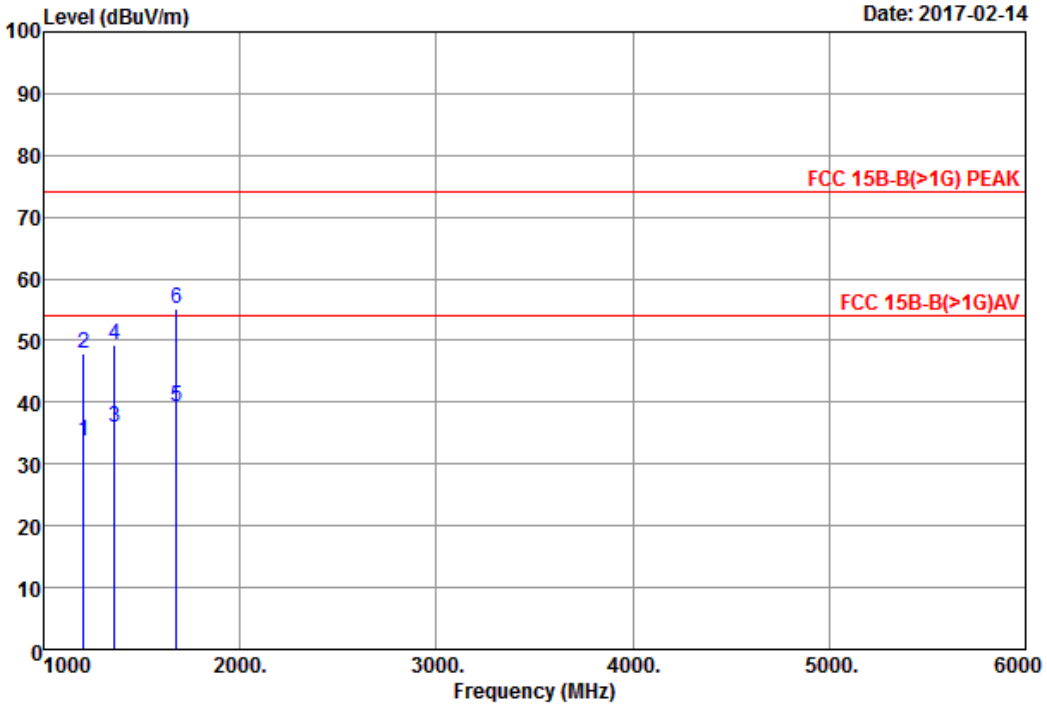
Email: emc@audixtech.com

Data: 3 File: \\Em2_chamber\data (d)\Test data\REPORT\2017\02\C1M1702055-CHAMBER.EM6 (8



Site no. : Audix No.2 Chamber Data no. : 3
Dis. / Ant. : 3m HORN3115-3775 Ant. pol. : VERTICAL
Limit : FCC 15B-B(>1G) PEAK
Env. / Ins. : 18*C / 56% N9010A (076) Engineer : Ghost
EUT : E2275SWQE
Power Rating : 120Vac/60Hz
Test Mode : 1920*1080/60Hz HDMI

	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	PREAMP Gain (dB)	Reading (dBµV)	Emission Level (dBµV/m)	Limits (dBµV/m)	Margin (dB)	Remark
1	1204.632	25.07	4.72	36.42	40.23	33.60	53.98	20.38	Average
2	1205.000	25.07	4.72	36.42	54.47	47.84	73.98	26.14	Peak
3	1359.687	25.35	5.07	36.10	41.57	35.89	53.98	18.09	Average
4	1360.000	25.35	5.08	36.10	55.08	49.41	73.98	24.57	Peak
5	1674.514	26.52	5.41	35.65	42.95	39.23	53.98	14.75	Average
6	1675.000	26.52	5.41	35.65	58.75	55.03	73.98	18.95	Peak

Remarks: 1. Emission Level= Antenna Factor + Cable Loss - Preamp Gain + Reading.
2. The emissions not reported are 20 dB lower than the specified limit.

6. DEVIATION TO TEST SPECIFICATIONS

【NONE】

7. MEASUREMENT UNCERTAINTY LIST

The measurement uncertainty was estimated for test on the EUT according to CISPR 16-4-2. This uncertainty represents an expanded uncertainty expressed at approximately the 95% confidence level using a coverage of K=2.

The uncertainties value is not used in determining the PASS/FAIL results.

Test Items/Facilities	Frequency/Equipment/Unit	Uncertainty
Conducted emissions at AC mains power port	9kHz-150kHz	±3.7dB
	150kHz-30MHz	±3.5dB
Conducted emissions at wired network port	150kHz-30MHz	±3.5dB
Conducted emissions at broadcast receiver tuner port	150kHz-30MHz	±3.5dB
Conducted emissions Power Clamp	30MHz-300MHz	±4.4dB
Radiated electromagnetic	9kHz-30MHz	±0.5dB
Radiated emissions (10m Chamber)	30MHz-200MHz, 3m, Horizontal	±4.3dB
	200MHz-1000MHz, 3m, Horizontal	±4.3dB
	30MHz-200MHz, 3m, Vertical	±4.4dB
	200MHz-1000MHz, 3m, Vertical	±3.9dB
	30MHz-200MHz, 10m, Horizontal	±4.3dB
	200MHz-1000MHz, 10m, Horizontal	±4.1dB
	30MHz-200MHz, 10m, Vertical	±4.3dB
	200MHz-1000MHz, 10m, Vertical	±3.8dB
	1GHz-6GHz, 3m	±5.5dB
	6GHz-18GHz, 3m	±4.8dB
Radiated emissions (No.1 3m Chamber)	30MHz-200MHz, 3m, Horizontal	±3.9dB
	200MHz-1000MHz, 3m, Horizontal	±4.3dB
	30MHz-200MHz, 3m, Vertical	±4.5dB
	200MHz-1000MHz, 3m, Vertical	±4.1dB
	1GHz-6GHz, 3m	±5.1dB
	6GHz-18GHz, 3m	±5.5dB
Radiated emissions (No.2 3m Chamber)	30MHz-200MHz, 3m, Horizontal	±4.3dB
	200MHz-1000MHz, 3m, Horizontal	±4.3dB
	30MHz-200MHz, 3m, Vertical	±4.4dB
	200MHz-1000MHz, 3m, Vertical	±3.9dB
	1GHz-6GHz, 3m	±5.2dB
	6GHz-18GHz, 3m	±5.2dB
Radiated emissions (No.3 3m Chamber)	30MHz-200MHz, 3m, Horizontal	±4.7dB
	200MHz-1000MHz, 3m, Horizontal	±4.5dB
	30MHz-200MHz, 3m, Vertical	±4.3dB
	200MHz-1000MHz, 3m, Vertical	±4.1dB

Test Items/Facilities	Frequency/Equipment/Unit	Uncertainty
Radiated emissions (No.3 OATS)	30MHz-200MHz, 3m, Horizontal	±4.5dB
	200MHz-1000MHz, 3m, Horizontal	±4.4dB
	30MHz-200MHz, 3m, Vertical	±4.4dB
	200MHz-1000MHz, 3m, Vertical	±4.0dB
	30MHz-200MHz, 10m, Horizontal	±4.5dB
	200MHz-1000MHz, 10m, Horizontal	±4.2dB
	30MHz-200MHz, 10m, Vertical	±4.3dB
	200MHz-1000MHz, 10m, Vertical	±4.0dB
Radiated emissions (No.5 OATS)	30MHz-200MHz, 3m, Horizontal	±4.2dB
	200MHz-1000MHz, 3m, Horizontal	±4.7dB
	30MHz-200MHz, 3m, Vertical	±4.4dB
	200MHz-1000MHz, 3m, Vertical	±4.4dB
	30MHz-200MHz, 10m, Horizontal	±4.2dB
	200MHz-1000MHz, 10m, Horizontal	±4.6dB
	30MHz-200MHz, 10m, Vertical	±4.4dB
	200MHz-1000MHz, 10m, Vertical	±4.4dB
Radiated emissions (No.6 OATS)	30MHz-200MHz, 3m, Horizontal	±4.3dB
	200MHz-1000MHz, 3m, Horizontal	±4.4dB
	30MHz-200MHz, 3m, Vertical	±4.5dB
	200MHz-1000MHz, 3m, Vertical	±4.1dB
	30MHz-200MHz, 10m, Horizontal	±4.3dB
	200MHz-1000MHz, 10m, Horizontal	±4.2dB
	30MHz-200MHz, 10m, Vertical	±4.4dB
	200MHz-1000MHz, 10m, Vertical	±4.1dB
Radiated emissions (No.7 OATS)	30MHz-200MHz, 3m, Horizontal	±3.9dB
	200MHz-1000MHz, 3m, Horizontal	±4.5dB
	30MHz-200MHz, 3m, Vertical	±4.6dB
	200MHz-1000MHz, 3m, Vertical	±4.5dB
	30MHz-200MHz, 10m, Horizontal	±3.9dB
	200MHz-1000MHz, 10m, Horizontal	±4.3dB
	30MHz-200MHz, 10m, Vertical	±4.6dB
	200MHz-1000MHz, 10m, Vertical	±4.5dB
Radiated emissions (No.8 OATS)	30MHz-200MHz, 3m, Horizontal	±4.5dB
	200MHz-1000MHz, 3m, Horizontal	±4.3dB
	30MHz-200MHz, 3m, Vertical	±4.6dB
	200MHz-1000MHz, 3m, Vertical	±4.1dB
	30MHz-200MHz, 10m, Horizontal	±4.7dB
	200MHz-1000MHz, 10m, Horizontal	±4.2dB
	30MHz-200MHz, 10m, Vertical	±4.6dB
	200MHz-1000MHz, 10m, Vertical	±4.0dB

8. PHOTOGRAPHS

8.1. Photos of Powerline Conducted Emission Measurement

FRONT VIEW OF CONDUCTED MEASUREMENT

BACK VIEW OF CONDUCTED MEASUREMENT

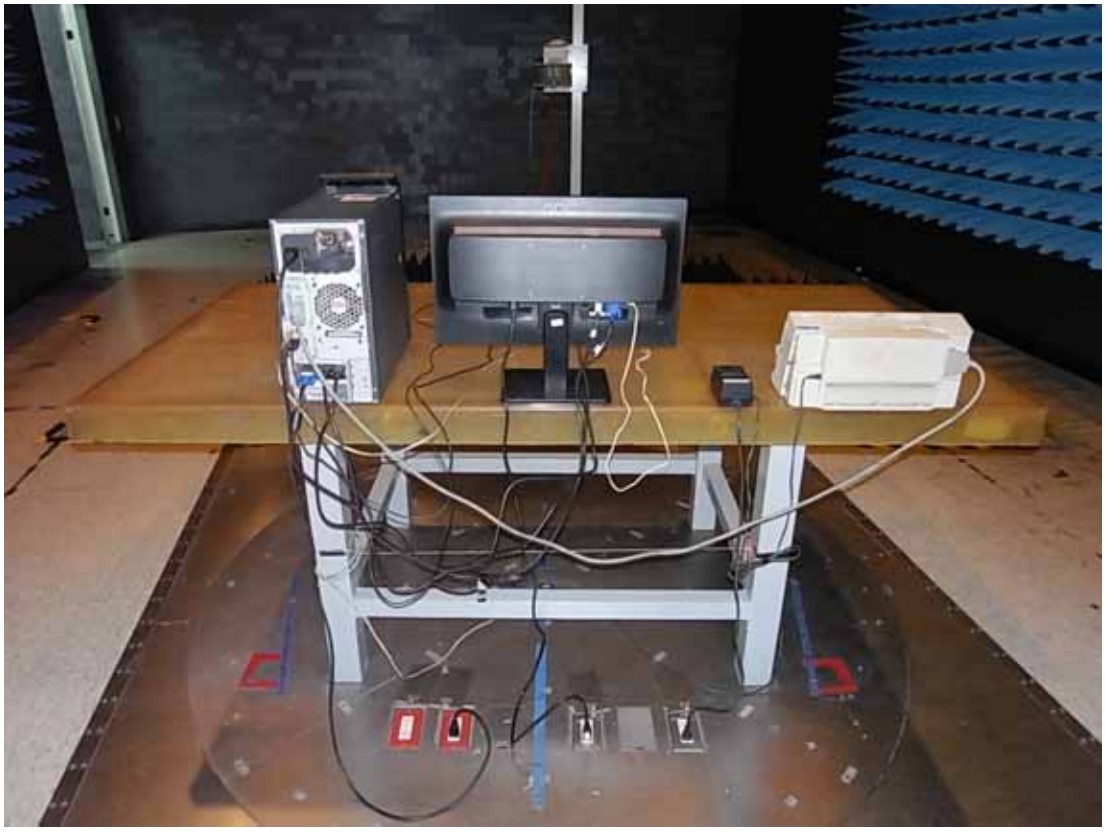
8.2. Photos of Radiated Emission Measurement at Open Area Test Site (30-1000MHz)

FRONT VIEW OF RADIATED MEASUREMENT

BACK VIEW OF RADIATED MEASUREMENT

8.3. Photos of Radiated Emission Measurement at Semi-Anechoic Chamber (Above 1GHz)

FRONT VIEW OF RADIATED MEASUREMENT



BACK VIEW OF RADIATED MEASUREMENT

APPENDIX I

(Photos of EUT)

Total Pages: 8 Pages

Figure 1
General Appearance (Front View)

Figure 2
General Appearance (Back View)

Figure 3
General Appearance (Bottom View)

Figure 4
Appearance (I/O Ports View)

Figure 5
Appearance (AC Inlet View)

Figure 6
Internal View (Removed Back Cover)

Figure 7
Internal View (Main Board, Front View)

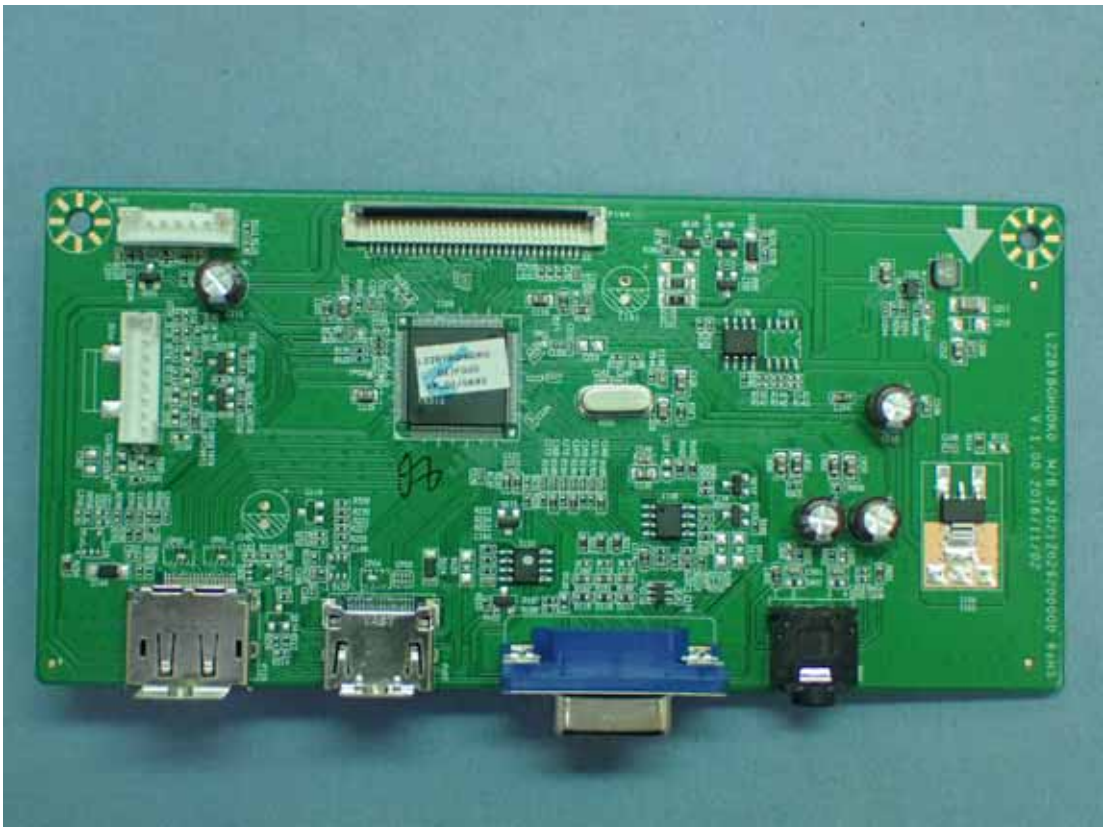


Figure 8
Internal View (Main Board, Back View)

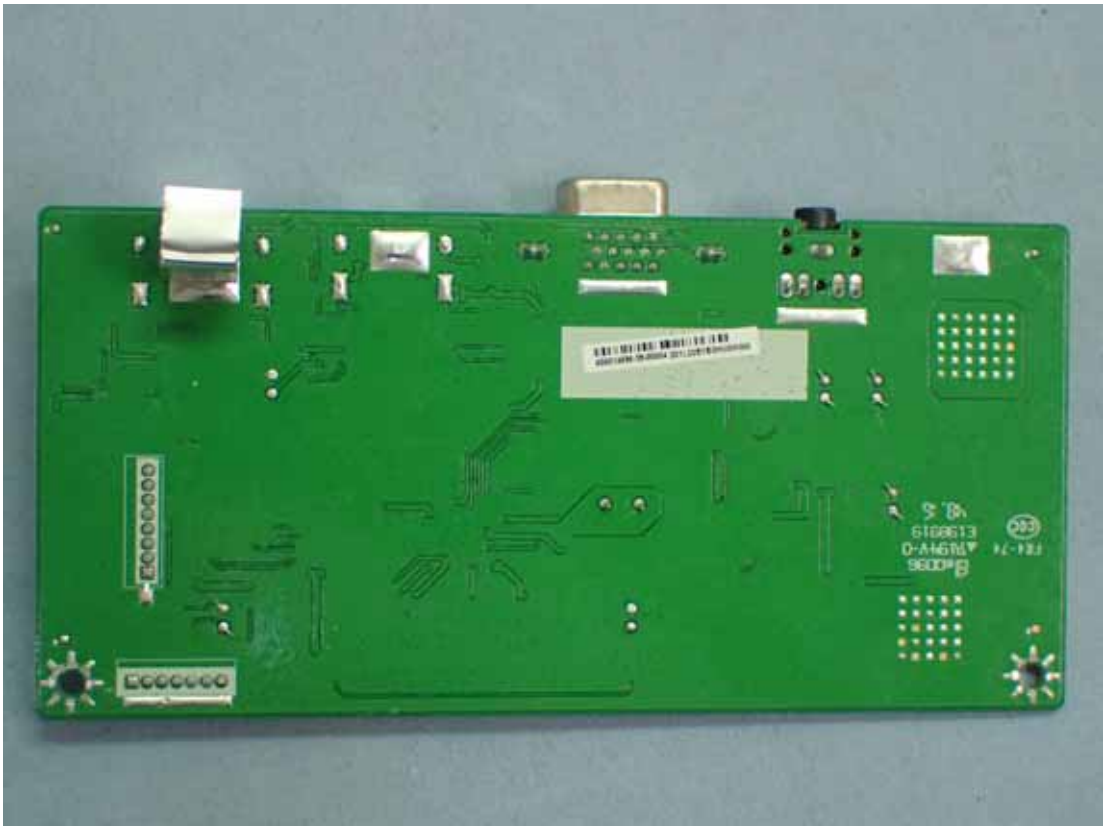


Figure 9
Internal View (Power Board, Front View)

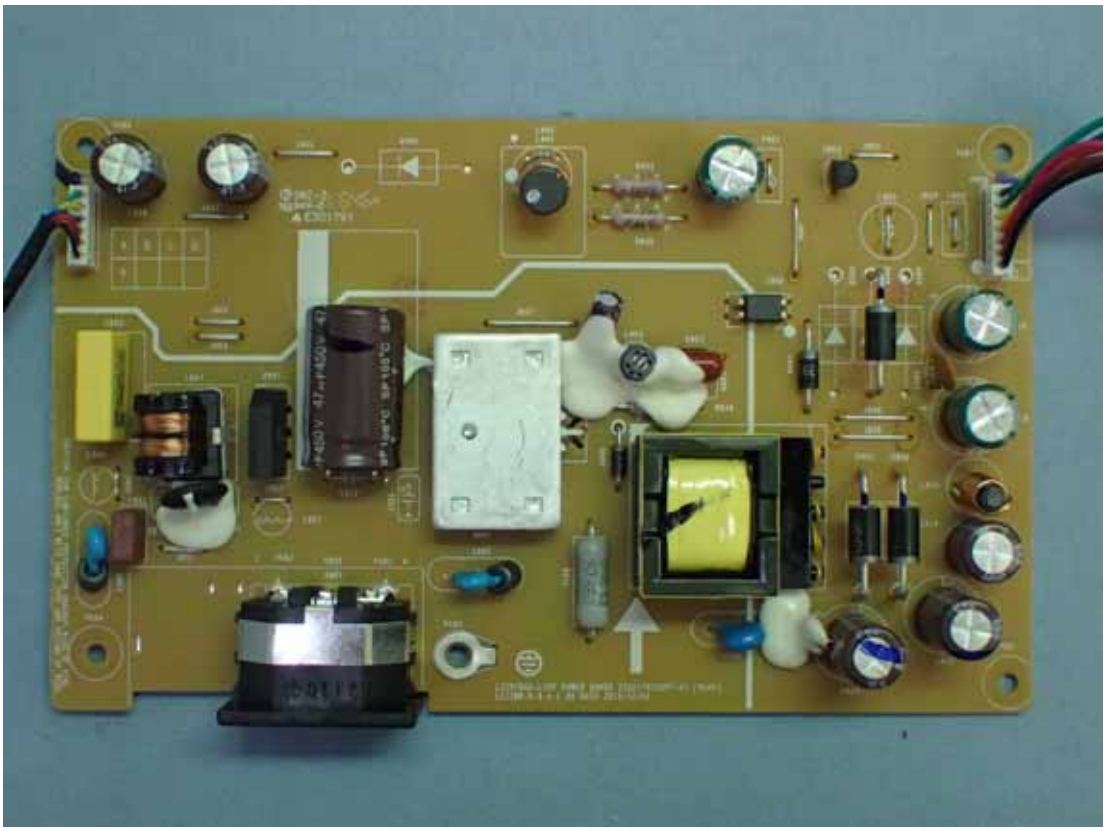


Figure 10
Internal View (Power Board, Back View)

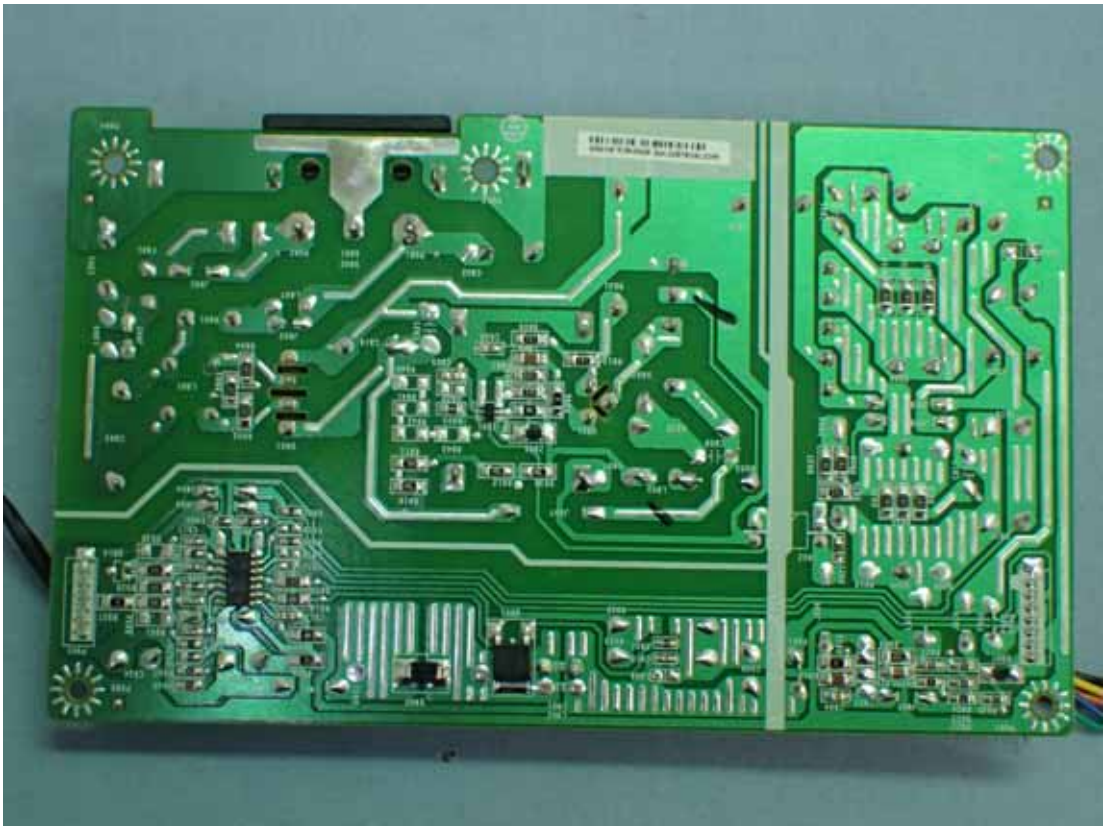


Figure 11
Internal View (Touch Keyboard, Front View)

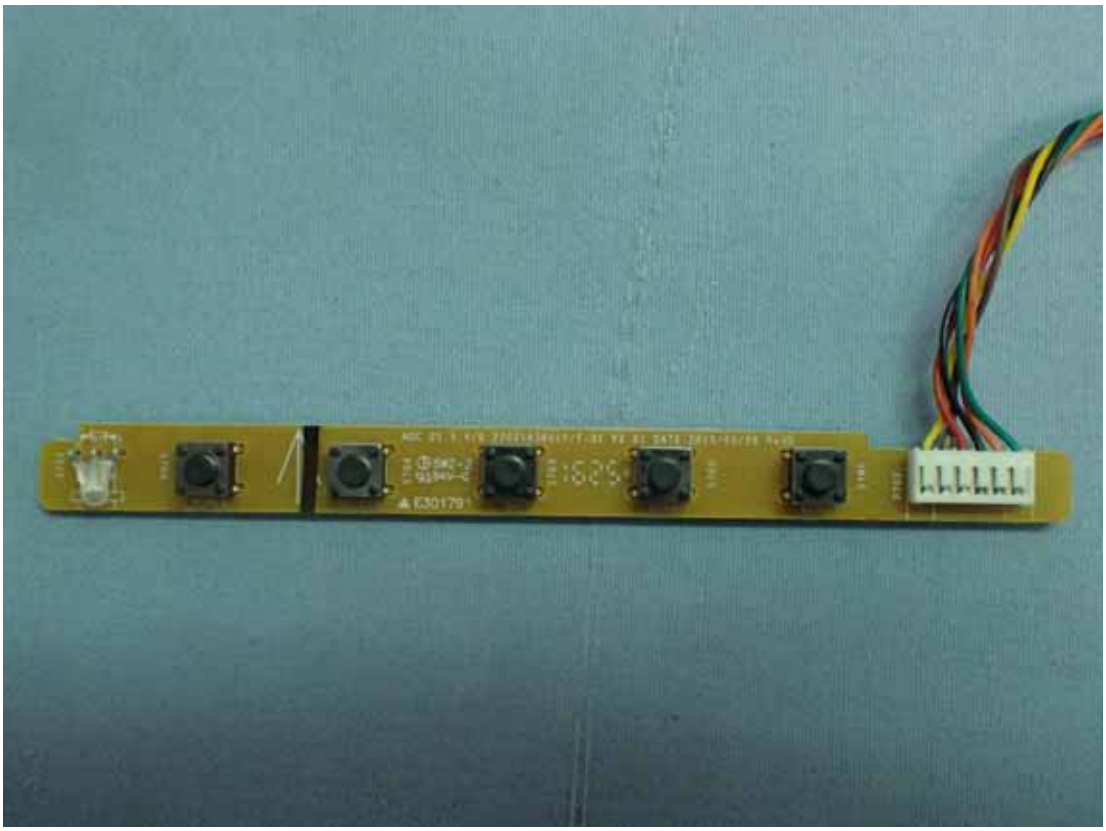


Figure 12
Internal View (Touch Keyboard, Back View)

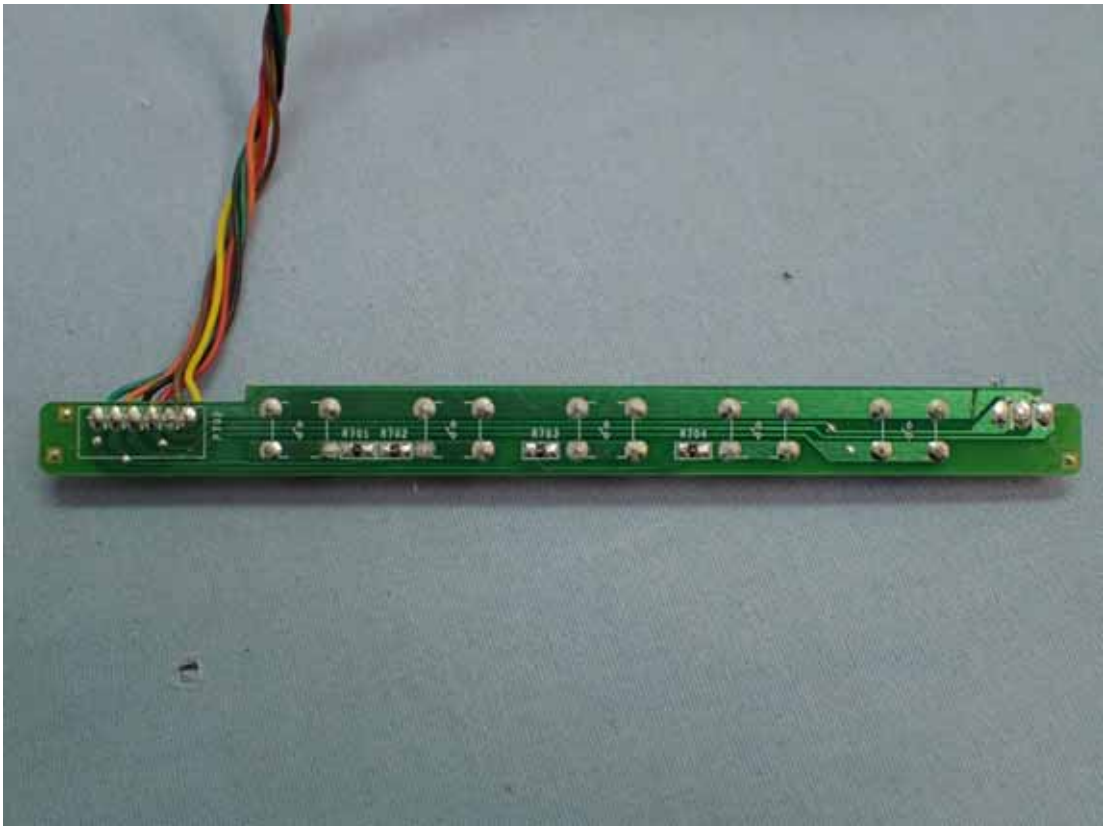
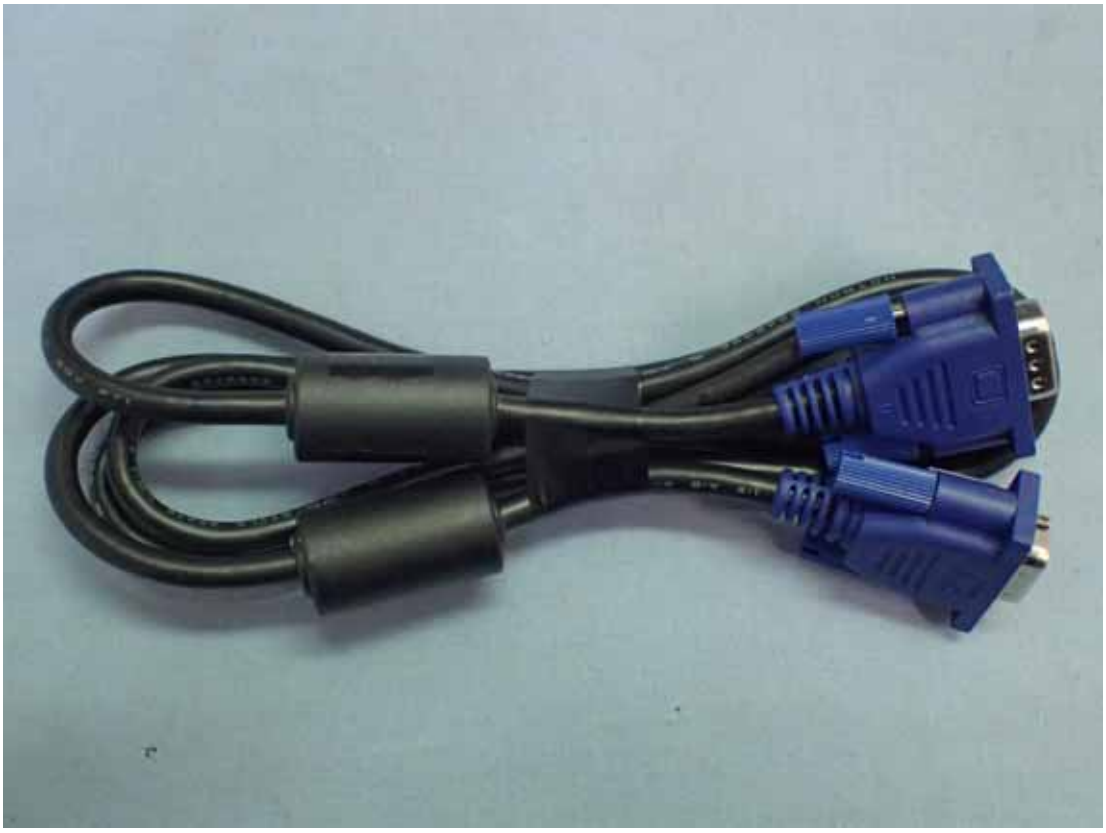


Figure 13
Internal View (LCD Panel, Front View)

Figure 14
Internal View (LCD Panel, Back View)

Figure 15
HDMI Cable

Figure 16
D-Sub Cable



APPENDIX II

(Lab. Certificates)

Total Pages: 3 Pages

FEDERAL COMMUNICATIONS COMMISSION

Laboratory Division
7435 Oakland Mills Road
Columbia, MD 21046

June 16, 2015

Registration Number: 98448

Audix Technology Corporation
No. 53-11, Tin-Fu Tsun,
Lin-Kou, Taipei Hsien
Taiwan

Attention: Leon Liu

Re: Measurement facility located at Lin-Kou
Site No. 6 (3 & 10 meters)
Date of Renewal: June 16, 2015

Dear Sir or Madam:

Your request for renewal of the registration of the subject measurement facility has been received. The information submitted has been placed in your file and the registration has been renewed. The name of your organization will remain on the list of facilities whose measurement data will be accepted in conjunction with applications for Certification under Parts 15 or 18 of the Commission's Rules. Please note that the file must be updated for any changes made to the facility and the registration must be renewed at least every three years.

Measurement facilities that have indicated that they are available to the public to perform measurement services on a fee basis may be found on the FCC website www.fcc.gov under E-Filing, OET Equipment Authorization Electronic Filing, Test Firms.

Sincerely,

Phyllis Parrish
Industry Analyst

FEDERAL COMMUNICATIONS COMMISSION

Laboratory Division
7435 Oakland Mills Road
Columbia, MD 21046

July 22, 2016

Registration Number: 370172

Audix Technology Corporation
No. 53-11, Tin-Fu Tsun,,
Lin-Kou,,
Taipei County,, 244
Taiwan

Attention: Leon Liu, Deputy General Manager

Re: Measurement facility located at Lin-Kou
Site No. 2 Anechoic chamber (3 meter)
Date of Renewal: July 22, 2016

Dear Sir or Madam:

Your request for renewal of the registration of the subject measurement facility has been received. The information submitted has been placed in your file and the registration has been renewed. The name of your organization will remain on the list of facilities whose measurement data will be accepted in conjunction with applications for Certification under Parts 15 or 18 of the Commission's Rules. Please note that pursuant to FCC Report and Order 14-208 this registration program will end July 12, 2017 and all testing for products subject to equipment authorization type Certification will be required to be tested at a testing facility that is accredited and recognized by the FCC as accredited.

Measurement facilities that have indicated that they are available to the public to perform measurement services on a fee basis may be found on the FCC website www.fcc.gov/eas under the link for Test Firms.

Sincerely,

Phyllis Parrish
Industry Analyst

United States Department of Commerce
National Institute of Standards and Technology

Certificate of Accreditation to ISO/IEC 17025:2005

NVLAP LAB CODE: 200077-0

Audix Technology Corporation EMC Department

New Taipei City
Taiwan

is accredited by the National Voluntary Laboratory Accreditation Program for specific services, listed on the Scope of Accreditation, for:

Electromagnetic Compatibility & Telecommunications

This laboratory is accredited in accordance with the recognized International Standard ISO/IEC 17025:2005. This accreditation demonstrates technical competence for a defined scope and the operation of a laboratory quality management system (refer to joint ISO-ILAC-IAF Communique dated January 2009).

2016-12-13 through 2017-12-31
Effective Dates

For the National Voluntary Laboratory Accreditation Program