

Technical Compliance Statement FCC and ISED Test Report

For the following information

Ref. File No.: C1M1906261

Product : LCD Monitor

Model Number : (1)M245AZ (2)MultiSync E242N
(3)MultiSync E242N-BK

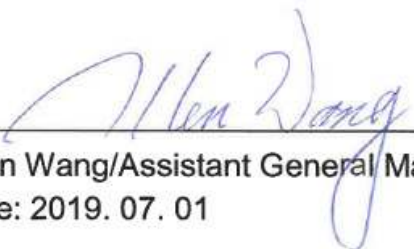
Brand Name : NEC

Applicant : TPV Electronics (Fujian) Co., Ltd.

Rules and Standards : 47 CFR FCC Part 15 Subpart B and
ICES-003 Issue 6:2016 (Class B Limit)

We hereby certify that the above product has been tested by us and complied with above FCC and ICES official limits. The test was performed according to the procedures ANSI C63.4-2014. The equipment might be marketed in US or Canada in accordance with the rules of 47 CFR FCC Part 2 and ISED regulations. The test data and results are issued on the test report **EM-F190227**.

Signature



Allen Wang/Assistant General Manager
Date: 2019. 07. 01

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

Product: LCD Monitor

Model Number: (1)M245AZ (2)MultiSync E242N (3)MultiSync E242N-BK

Brand: NEC

Applicant for:

TPV Electronics (Fujian) Co., Ltd.
Rongqiao Economic and Technological Development Zone,
Fuqing City, Fujian Province, P.R. China

Prepared by:

Audix Technology Corporation, EMC Department
No. 53-11, Dingfu, Linkou Dist.,
New Taipei City 244, Taiwan



File No. : C1M1906261
(ACS Ref. No.: ACS19Q0849)
Report No. : EM-F190227
Date of Report : 2019. 07. 01

The test report is based on a single evaluation of one sample of the above-mentioned products. It does not simply an assessment of the whole production and does not permit the use of the test lab logo.
The report must not be used by the client to claim product certification, approval, or endorsement by NVLAP, NIST, or any agency of the U.S. Government.

Test Report

Applicant : TPV Electronics (Fujian) Co., Ltd.

EUT Description

(1) Product : LCD Monitor

(2) Model Number : (1)M245AZ (2)MultiSync E242N (3)MultiSync E242N-BK

(3) Brand : NEC

(4) Power Rating : AC 100-240V, 50/60Hz

(5) Test Voltage : AC 120V, 60Hz

Rules of Compliance and Applicable Standards:

47 CFR FCC Part 15 Subpart B
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. All of the tests were requested by the applicant and the results there of based upon the information that the applicant provided to us. We, Audix Technology Corporation assumes full responsibility for the accuracy and completeness of these measurements. This report is made under FCC Part 2.938 and ICES-003 chapter 7, and shows that the EUT is technically compliance with the class B limit for both **FCC rule and ICES standard** described as above.

No modifications were required during testing to bring this product into compliance.

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

Date of Report: 2019. 07. 01

Reviewed by: Harper Lee (Harper Lee/Administrator)

Approved by: Allen Wang (Allen Wang/Assistant General Manager)

Name of the Representative of the Responsible Party:

Signature: _____

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1. Revision of Test Report

Issued Date	Revision Summary	Report Number
2019. 07. 01	Original Report.	EM-F190227

2. Summary of Test Result

2.1. Test Result

Test Item	Referred Rules/Standard	Limit	Result
Power-lineconducted emission	47 CFR FCC Part 15 Subpart B and ICES-003:2016	Class B	Pass
			Margin 19.21dB at 0.240MHz
Radiated emission (30 – 1000MHz)	47 CFR FCC Part 15 Subpart B and ICES-003:2016	Class B	Pass
			Margin 4.41dB at 219.80MHz (Vertical,1.0m/132°)
Radiated emission (Above 1GHz)	47 CFR FCC Part 15 Subpart B and ICES-003:2016	Class B	Pass
			Margin 10.26dB at 1485.42MHz
Note :			
1. N/A is an abbreviation for Not Applicable.			
2. Special measures: None			
3. Decision and justification not to measure: None			
4. The FCC Part 15 Subpart B emission measurement results are deemed satisfactory evidence of compliance with ICES-003 regulations.			

2.2. Description of Test Firm

Name of Test Firm	Audix Technology Corporation / EMC Department No. 53-11, Dingfu, Linkou Dist., New Taipei City 244, Taiwan Tel: +886-2-26092133 Fax: +886-2-26099303 Website : www.audixtech.com Contact e-mail: attemc_report@audixtech.com
Accreditations	The laboratory is accredited by following organizations under ISO/IEC 17025:2005 (1) NVLAP(USA) NVLAP Lab Code 200077-0 (2) TAF(Taiwan) No. 1724
Test Facilities	FCC OET Designation Number under APEC MRA by BSMI is : TW1004 & TW1090 (1) No. 7 Shielding Room (2) No. 1 10m Semi-Anechoic Chamber

3. General Information

3.1. Description of Application

Applicant	TPV Electronics (Fujian) Co., Ltd. Rongqiao Economic and Technological Development Zone, Fuqing City, Fujian Province, P.R. China
Product	LCD Monitor
Brand	NEC
Model Number	(1)M245AZ (2)MultiSync E242N (3)MultiSync E242N-BK The difference of above models is in sales marketing.

3.2. Description of the EUT

Test Model	M245AZ
Serial Number	N/A
Power Rating	AC 100-240V, 50/60Hz
Firmware Version	N/A
Sample Status	Production
Date of Receipt	2019. 06. 24
Date of Test	2019. 06. 27
I/O Ports List	Back View • One AC In Port • One DP Port • One HDMI Port • One D-Sub Port • One Audio Output • One USB Upstream • Two USB Downstream Side View • One Earphone Port • One USB Port
Accessories Supplied	• AC Power Cord (3C) • DP Cable • HDMI Cable • D-Sub Cable • USB3.0 Cable • Audio Cable

3.3. Highest Frequency within EUT

The Highest frequency is 170MHz of EUT.

3.4. List of Key Components of EUT

Item	Supplier/Brand	Model	Specification
LCD Panel	L & T	LM238WF2-S2A4	Max. Resolution: 1920*1080/60Hz

3.5. Determination of Worse Case Operating Modes

According to the specification, the EUT was estimated to determine the highest emissions by following configurations:

Test Item	Input Port	Data Cable & Power Cord	Panel Angle	Display, Resolution/Frequency
Power-line conducted emission	HDMI	1.8m	0°	1920*1080/60Hz
				1280*1024/75Hz
				640*480/60Hz
				Color Bar, 1080P
	DP		1920*1080/60Hz	
	D-Sub		1920*1080/60Hz	
	HDMI		+90°	1080*1920/60Hz
			-90°	1080*1920/60Hz
HDMI	1.5m	0°	1920*1080/60Hz	
Radiated emission	HDMI	1.8m	0°	1920*1080/60Hz
				1280*1024/75Hz
				640*480/60Hz
				Color Bar, 1080P
				1920*1080/60Hz
				1920*1080/60Hz
	HDMI		+90°	1080*1920/60Hz
			-90°	1080*1920/60Hz
	HDMI	1.5m	0°	1920*1080/60Hz

3.6. Final Test Configuration

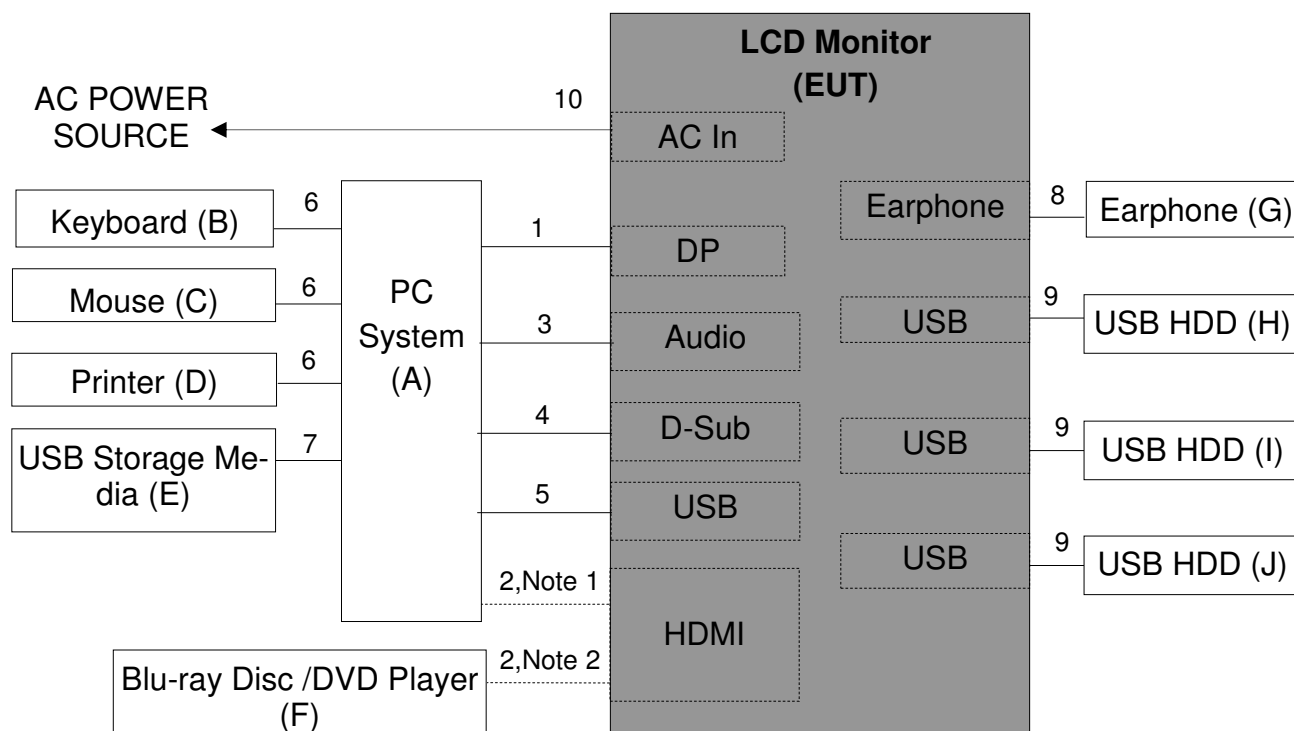
The worst showed as following configuration was recorded in this report.

Test Item	Input Port	Data Cable & Power Cord	Panel Angle	Display, Resolution/Frequency
Power-line conducted emission	D-Sub	1.8m	0°	1920*1080/60Hz
	HDMI			Color Bar, 1080P
Radiated emission (30 – 1000MHz)	HDMI	1.8m	0°	1920*1080/60Hz
	HDMI			Color Bar, 1080P
Radiated emission (Above 1GHz)	HDMI	1.8m	0°	1920*1080/60Hz
	HDMI			Color Bar, 1080P

4. Measurement Arrangement

4.1. Equipment and cables arrangement

- Connection Diagram of EUT and Peripheral Devices



Note 1: HDMI cable to PC system for “H” Pattern, 1920*1080/60Hz Mode Used

Note 2: HDMI cable to DVD player for HDMI “Color Bar” Image, 1080p Mode Used

Remark: Connect the HDMI Cable Separately.

4.2. Method of Exercising EUT

The methods for exercising the EUT during the measurement specified in ANSI C63.4:2014 clause 11.2, 11.3 and figure 16 were used.

Operating System	Windows 10 of PC system
Test Program	“EMC test”, “Windows Media Player”
Video Signal (Display Image)	(1) Standard Color bars image (DVD mode) or (2) Scrolling H Pattern (PC mode)
Audio controller	Play 1kHz audio signal
USB 3.0 Ports	Read/Write operation to USB 3.0 hard disk drive
Other	Other peripheral devices were driven and operated in turn

4.3. List of Supported Units under Test

Item	Product	Brand	Model No.	Serial No.	Approval
A	PC System	DELL	D19M005	17F9HV2	By DoC
B	USB Keyboard	DELL	KB216-BK-SCHI	CN-0MM1GD-71616-748-06NU	By DoC
C	USB Mouse	DELL	MS116-BK	CN-0N11X0-73826-73V-0183	By DoC
D	Laser Printer	Samsung	ML-1630	4561B1CP600023X	FCC ID A3LML1630
E	USB Storage Media	pqi	U172P	95110880023233	By DoC
F	Blu-ray Disc/DVD Player	Pioneer	BDP-430	N/A	N/A
G	Earphone	LGITON	FS-99	N/A	N/A
H	USB HDD	SONY	HD-B1	BBW3DEK78041FCB	By DoC
I	USB HDD	SONY	HD-B1	BBW3DEK78041FCC	By DoC
J	USB HDD	DELL	HD-B1	BBW3DEK78041FCD	By DoC

4.4. List of Used Cables under Test

Item	Type	Qty.	Length (m)	Shielding (Yes/No)	Cores (Qty.)	Remark
1	DP Cable	1	1.5/1.8	Yes	0	Accessory of EUT
2	HDMI Cable	1	1.5/1.8	Yes	0	Accessory of EUT
3	Audio Cable	1	1.5/1.8	Yes	0	Accessory of EUT
4	D-Sub Cable	1	1.5/1.8	Yes	0	Accessory of EUT
5	USB Cable	1	1.5/1.8	Yes	0	Accessory of EUT
6	USB Cable	3	1.8	Yes	0	Provided by LAB
7	USB Cable	1	1.0	Yes	0	Provided by LAB
8	Earphone Cable	1	1.1	No	0	Provided by LAB
9	USB Cable	3	1.5	Yes	0	Provided by LAB
10	AC Power Cord(3C)	1	1.5/1.8	No	0	Accessory of EUT
11	AC Power Cord	3	1.8	No	0	Provided by LAB for above supported units

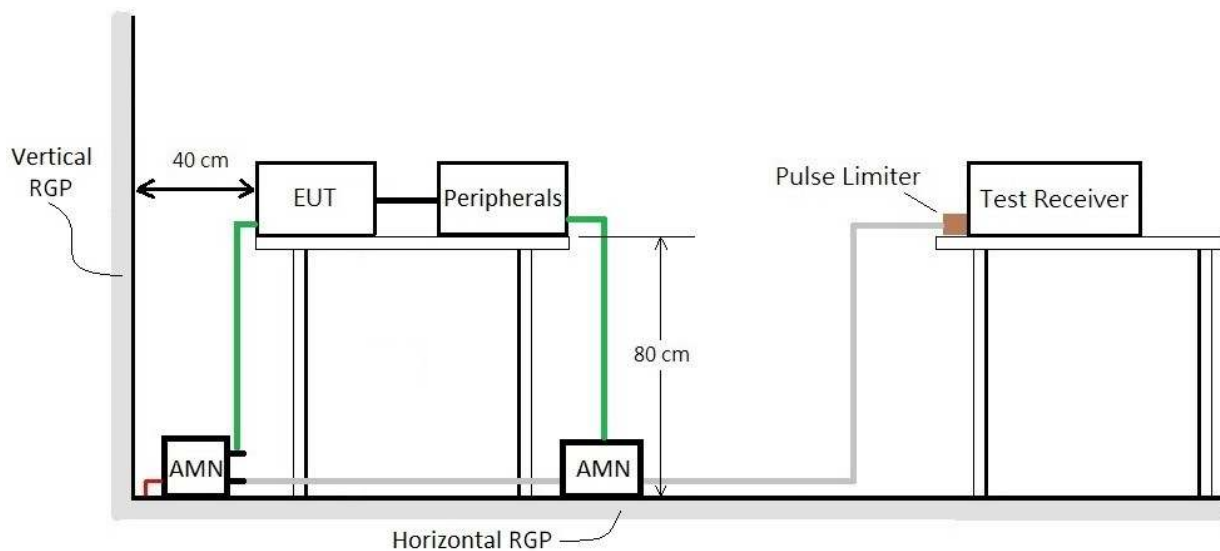
5. Measurement of Conducted Emissions

5.1. List of Test Instruments

Item	Equipment	Manufacture	Model No.	Serial No.	Cal. Date	Cal. Interval
1	Test Receiver	R&S	ESCI	101276	2019. 03. 23	1 Year
2	A.M.N.	R&S	ESH2-Z5	100366	2018. 07. 18	1 Year
3	L.I.S.N.	Kyoritsu	KNW-407	8-1539-3	2019. 01. 22	1 Year
4	Pulse Limiter	R&S	ESH3-Z2	101495	2019. 01. 12	1 Year
5	Signal Cable	Ther-max/CDT	RG-142	CE-07	2019. 05. 24	1 Year
6	Test Software	Audix	e3	V.120619C	N.C.R.	N.C.R.
7	Digital Ther-mo-Hygro Meter	iMax	HTC-1	No.7 S/R	2019. 04. 20	1 Year

5.2. Test Setup

The EUT and test equipment were configured in accordance with the requirement of ANSI C63.4:2014 clause 5.2.



5.3. Power-line Conducted Emission Limits

- For FCC §15.107 and ICES-003§6.1

Frequency Range (MHz)	Class A Limits		Class B Limits	
	Quasi Peak dB(μV)	Average dB(μV)	Quasi Peak dB(μV)	Average dB(μV)
0.15 – 0.50	79	66	66 – 56*	56 – 46*
0.50 – 5.0	73	60	56	46
5.0 – 30			60	50

Note:* Decreases with the logarithm of the frequency.

5.4. Measurement Procedure

The power-line conducted emission measurement was performed in accordance with the procedure of ANSI C63.4:2014 clause 7.3.

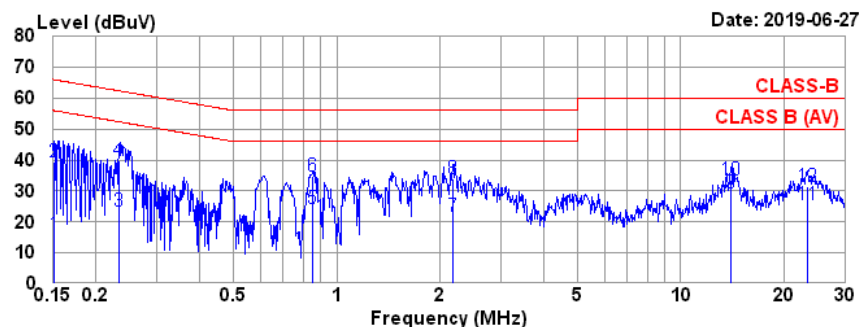
- Setup the EUT and associated equipment described as section 4.1, and they were located 40cm from the vertical conducting plane.
- Connect the EUT power cord to the main A.M.N and associated equipment to the second A.M.N. All ports of the A.M.N not connecting to the measuring equipment was terminated into 50 ohm resistive load.
- Setup the resolution bandwidth of the test receiver at 9kHz(while testing within 0.15 to 30MHz).
- Operate the EUT system as described in section 4.2.
- Both sides of A.C. line were checked for maximum conducted interference. In order to find the maximum emission, all of the interconnecting cables were manipulated.
- For the exploratory measurement, determine the highest emission amplitude relative to the limit on each of the EUT power cord with the peak detector by each of the EUT operation over the specified frequency range and record it.
- For final measurement, select the EUT operation mode that produced the highest amplitude in the exploratory measurement to determine the highest emissions with each specified detector and record it. All of the current-carrying conductors of each of the EUT power cords, except the ground conductor, must be measured over the specified frequency range.
- The measurement result was calculated by following formula:
Emission Level = Reading (Receiver) + Factor(A.M.N)+ Cable Loss + Pulse Limiter
- If the average limit is met when using a Quasi-Peak detector receiver, the EUT is deemed to meet both limits and measurement with the average detector is unnecessary.

5.5. Measurement Result

The following data are the worst emissions based on the prescan measurement result.

Test Date	2019. 06. 27	Environment	25°C, 54%
Input Power	AC 120V, 60Hz	Test Phase	Neutral
Tested By	Nick Du	Test Result	Pass
Test Mode	D-Sub, 1920*1080/60Hz	Test Model	M245AZ

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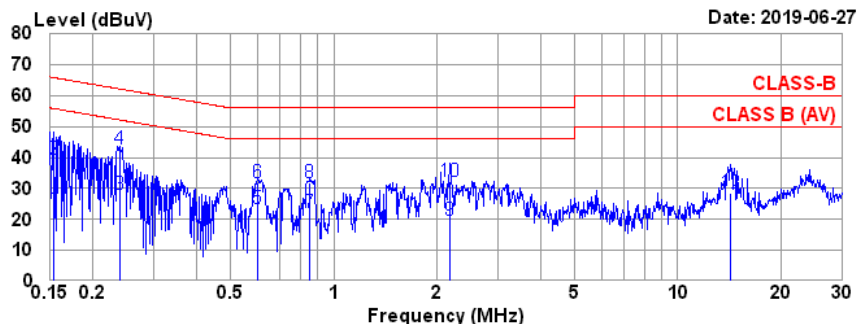
Site no. : No.7 Shielded Room Data no. : 2
Condition : ESH2-Z5 366(ADAPTER) Phase : NEUTRAL
Limit : CLASS-B
Env. / Ins. : 25°C / 54% ESCI (1276) Engineer : Nick Du
EUT : M245AZ
Power Rating : 120V/60Hz
Test Mode : 1920*1080/60Hz D-sub

	Freq. (MHz)	AMN Factor (dB)	Cable Loss (dB)	Pulse Att. (dB)	Reading (dBμV)	Emission Level (dBμV)	Limits (dBμV)	Margin (dB)	Remark
1	0.152	0.13	0.04	9.86	5.92	15.95	55.91	39.96	Average
2	0.152	0.13	0.04	9.86	29.46	39.49	65.91	26.42	QP
3	0.233	0.13	0.03	9.86	13.27	23.29	52.35	29.06	Average
4	0.233	0.13	0.03	9.86	29.88	39.90	62.35	22.45	QP
5	0.853	0.17	0.05	9.86	14.39	24.47	46.00	21.53	Average
6	0.853	0.17	0.05	9.86	24.56	34.64	56.00	21.36	QP
7	2.178	0.21	0.07	9.86	11.79	21.93	46.00	24.07	Average
8	2.178	0.21	0.07	9.86	23.85	33.99	56.00	22.01	QP
9	13.989	0.69	0.18	9.91	18.48	29.26	50.00	20.74	Average
10	13.989	0.69	0.18	9.91	22.63	33.41	60.00	26.59	QP
11	23.263	0.93	0.23	9.96	14.42	25.54	50.00	24.46	Average
12	23.263	0.93	0.23	9.96	20.26	31.38	60.00	28.62	QP

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

Test Date	2019. 06. 27	Environment	25°C, 54%
Input Power	AC 120V, 60Hz	Test Phase	Line
Tested By	Nick Du	Test Result	Pass
Test Mode	D-Sub, 1920*1080/60Hz	Test Model	M245AZ

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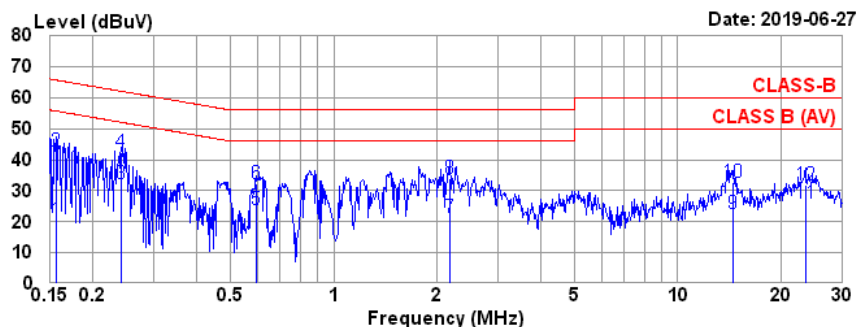
Site no. : No.7 Shielded Room Data no. : 1
Condition : ESH2-Z5 366(ADAPTER) Phase : LINE
Limit : CLASS-B
Env. / Ins. : 25°C / 54% ESCI (1276) Engineer : Nick Du
EUT : M245AZ
Power Rating : 120V/60Hz
Test Mode : 1920*1080/60Hz D-sub

	Freq. (MHz)	AMN Factor (dB)	Cable Loss (dB)	Pulse Att. (dB)	Reading (dBμV)	Emission Level (dBμV)	Limits (dBμV)	Margin (dB)	Remark
1	0.153	0.13	0.04	9.86	13.23	23.26	55.82	32.56	Average
2	0.153	0.13	0.04	9.86	29.56	39.59	65.82	26.23	QP
3	0.240	0.13	0.03	9.86	18.20	28.22	52.08	23.86	Average
4	0.240	0.13	0.03	9.86	32.85	42.87	62.08	19.21	QP
5	0.601	0.15	0.04	9.86	13.59	23.64	46.00	22.36	Average
6	0.601	0.15	0.04	9.86	21.65	31.70	56.00	24.30	QP
7	0.853	0.16	0.05	9.86	12.19	22.26	46.00	23.74	Average
8	0.853	0.16	0.05	9.86	21.76	31.83	56.00	24.17	QP
9	2.178	0.20	0.07	9.86	9.42	19.55	46.00	26.45	Average
10	2.178	0.20	0.07	9.86	22.30	32.43	56.00	23.57	QP
11	14.213	0.63	0.18	9.92	14.14	24.87	50.00	25.13	Average
12	14.213	0.63	0.18	9.92	17.82	28.55	60.00	31.45	QP

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

Test Date	2019. 06. 27	Environment	25°C, 54%
Input Power	AC 120V, 60Hz	Test Phase	Neutral
Tested By	Nick Du	Test Result	Pass
Test Mode	HDMI, Color bar, 1080P	Test Model	M245AZ

Data: 4 File: D:\test data\REPORT\2019\IC1M1906XXX\IC1M1906261\IC1M1906261-C-D.EM6 (4)



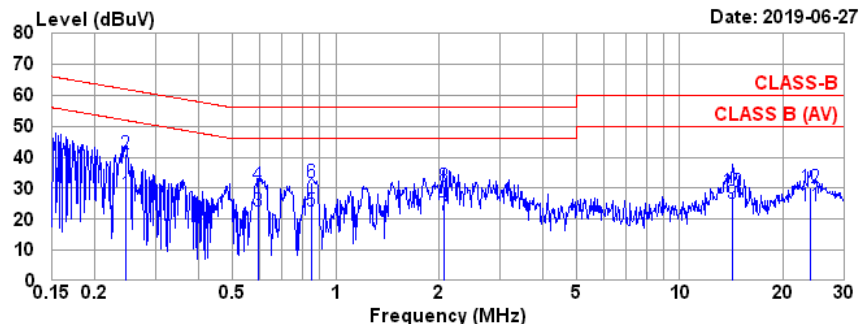
Site no. : No.7 Shielded Room Data no. : 4
 Condition : ESH2-Z5 366(ADAPTER) Phase : NEUTRAL
 Limit : CLASS-B
 Env. / Ins. : 25°C / 54% ESCI (1276) Engineer : Nick Du
 EUT : M245AZ
 Power Rating : 120V/60Hz
 Test Mode : 1080P

	Freq. (MHz)	AMN Factor (dB)	Cable Loss (dB)	Pulse Att. (dB)	Reading (dBμV)	Emission Level (dBμV)	Limits (dBμV)	Margin (dB)	Remark
1	0.156	0.13	0.04	9.86	10.42	20.45	55.69	35.24	Average
2	0.156	0.13	0.04	9.86	32.52	42.55	65.69	23.14	QP
3	0.242	0.14	0.03	9.86	22.35	32.38	52.04	19.66	Average
4	0.242	0.14	0.03	9.86	32.40	42.43	62.04	19.61	QP
5	0.598	0.16	0.04	9.86	14.01	24.07	46.00	21.93	Average
6	0.598	0.16	0.04	9.86	22.28	32.34	56.00	23.66	QP
7	2.178	0.21	0.07	9.86	11.36	21.50	46.00	24.50	Average
8	2.178	0.21	0.07	9.86	23.97	34.11	56.00	21.89	QP
9	14.517	0.72	0.19	9.92	11.62	22.45	50.00	27.55	Average
10	14.517	0.72	0.19	9.92	21.95	32.78	60.00	27.22	QP
11	23.511	0.93	0.23	9.96	14.72	25.84	50.00	24.16	Average
12	23.511	0.93	0.23	9.96	20.63	31.75	60.00	28.25	QP

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

Test Date	2019. 06. 27	Environment	25°C, 54%
Input Power	AC 120V, 60Hz	Test Phase	Line
Tested By	Nick Du	Test Result	Pass
Test Mode	HDMI, Color bar, 1080P	Test Model	M245AZ

Data: 3 File: D:\test data\REPORT\2019\1C1M1906XXX\1C1M1906261\1C1M1906261-C-D.EM6 (4)



Site no. : No.7 Shielded Room
 Condition : ESH2-Z5 366(ADAPTER)
 Limit : CLASS-B
 Env. / Ins. : 25°C / 54% ESCI (1276)
 EUT : M245AZ
 Power Rating : 120V/60Hz
 Test Mode : 1080P

Data no. : 3
 Phase : LINE
 Engineer : Nick Du

	Freq. (MHz)	AMN Factor (dB)	Cable Loss (dB)	Pulse Att. (dB)	Reading (dBμV)	Emission Level (dBμV)	Limits (dBμV)	Margin (dB)	Remark
1	0.246	0.13	0.03	9.86	17.95	27.97	51.91	23.94	Average
2	0.246	0.13	0.03	9.86	30.87	40.89	61.91	21.02	QP
3	0.598	0.15	0.04	9.86	12.48	22.53	46.00	23.47	Average
4	0.598	0.15	0.04	9.86	21.16	31.21	56.00	24.79	QP
5	0.848	0.16	0.05	9.86	12.59	22.66	46.00	23.34	Average
6	0.848	0.16	0.05	9.86	21.94	32.01	56.00	23.99	QP
7	2.066	0.19	0.07	9.86	11.10	21.22	46.00	24.78	Average
8	2.066	0.19	0.07	9.86	20.66	30.78	56.00	25.22	QP
9	14.213	0.63	0.18	9.92	14.34	25.07	50.00	24.93	Average
10	14.213	0.63	0.18	9.92	18.08	28.81	60.00	31.19	QP
11	24.015	0.96	0.24	9.96	13.22	24.38	50.00	25.62	Average
12	24.015	0.96	0.24	9.96	19.14	30.30	60.00	29.70	QP

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

6. Measurement of Radiated Emissions

6.1. List of Test Instruments

- For measurement of 30 to 1000MHz frequency range

Item	Equipment	Manufacture	Model No.	Serial No.	Cal. Date	Cal. Interval
1	Spectrum Analyzer	Agilent	N9010A-503	MY51250850	2019. 03. 08	1 Year
2	Spectrum Analyzer	Agilent	N9010A-503	MY52220119	2018. 12. 14	1 Year
3	Test Receiver	R&S	ESCI7	100922	2019. 05. 27	1 Year
4	Amplifier	Sonoma	310N	187158	2019. 03. 07	1 Year
5	Amplifier	Sonoma	310N	187159	2019. 03. 14	1 Year
6	Bilog Antenna	Schwarzbeck	VULB 9168	711	2018. 07. 20	1 Year
7	Bilog Antenna	Schwarzbeck	VULB 9168	712	2018. 07. 20	1 Year
8	Signal Cable	HUBER+SUHNER	S07212BD	10m ACC3CL(10m A)	2019. 02. 01	1 Year
9	Signal Cable	HUBER+SUHNER	S07212BD	10m ACC3CL(10m B)	2019. 02. 01	1 Year
10	Digital Ther-mo-Hygro Meter	iMax	HTC-1	No.1 10m A/C	2019. 04. 20	1 Year
11	Test Software	Audix	e3	V6.120619c	N.C.R.	N.C.R.

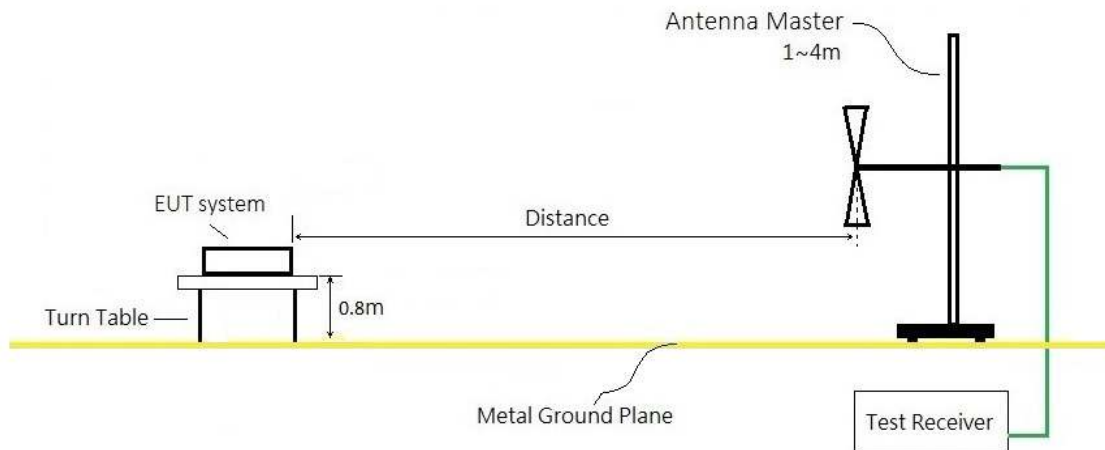
- For measurement of above 1GHz frequency range

Item	Type	Manufacturer	Model No.	Serial No.	Cal. Date	Cal. Interval
1	Spectrum Analyzer	Agilent	N9010A-526	MY51250943	2019. 02. 13	1 Year
2	Microwave Preamplifier	Agilent	8449B	3008A02676	2019. 01. 29	1 Year
3	Double-Ridged Waveguide Horn	ETS-Lindgren	3115	00114104	2019. 04. 12	1 Year
4	Signal Cable	HUBER+SUHNER	SUCOFLEX 104	10m ACCL 1-18G	2019. 04. 23	1 Year
5	Test Software	Audix	e3	V6.120619c	N.C.R.	N.C.R.
6	Digital Ther-mo-Hygro Meter	iMax	HTC-1	No.1 10m A/C	2019. 04. 20	1 Year

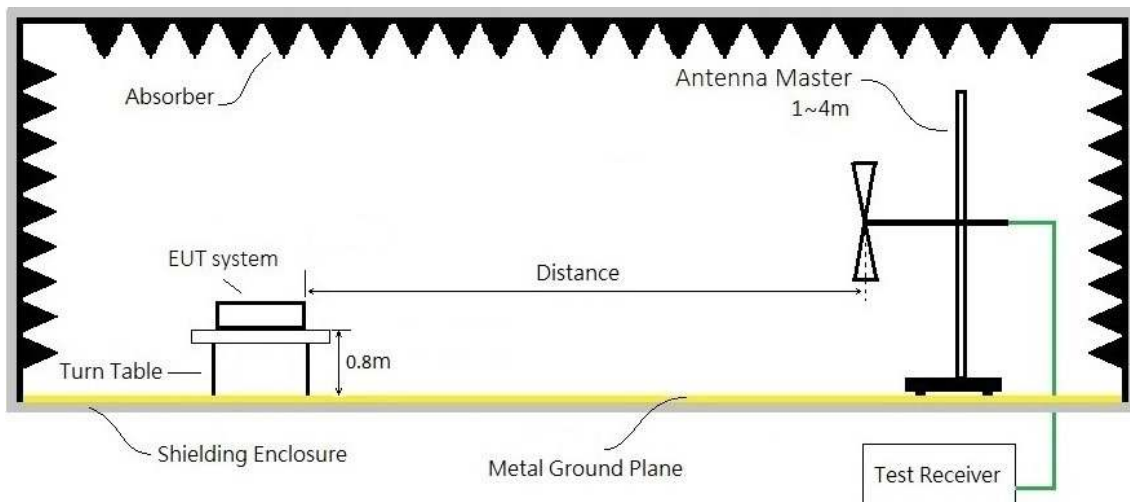
6.2. Test Setup

The EUT and test equipment were configured in accordance with the requirement of ANSI C63.4:2014 clause 5.4. and 5.5.

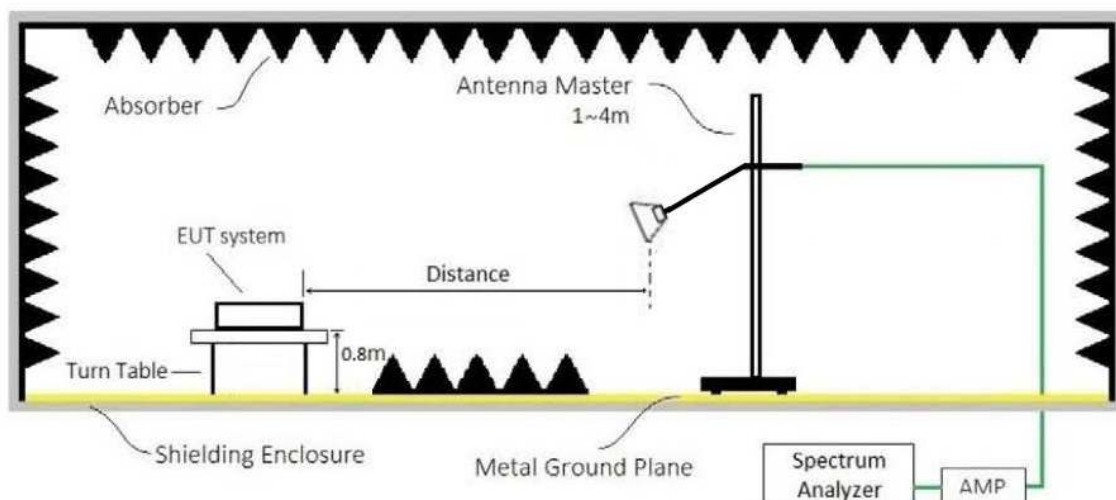
- For frequency range 30 to 1000MHz (at Open Area Test Site)



- For frequency range 30 to 1000MHz (at Semi-Anechoic Chamber)



- For frequency range above 1GHz (at Semi-Anechoic Chamber)



6.3. Radiation Emission Limits

- For Below 1GHz, FCC §15.109(a)(g)/CISPR 22 and ICES-003§6.2

Frequency Range (MHz)	Distance (meter)	Class A Limits	Class B Limits
		Quasi-Peak [dB(μV/m)]	Quasi-Peak [dB(μV/m)]
30 – 230	10	40	30
230 – 1000		47	37
30 – 230	3	50	40
230 – 1000		57	47

- For Above 1GHz, FCC §15.109(a)(g)/CISPR 22 and ICES-003§6.2

Frequency Range (MHz)	Distance (meter)	Class A Limits		Class B Limits	
		Peak [dB(μV/m)]	Average [dB(μV/m)]	Peak [dB(μV/m)]	Average [dB(μV/m)]
Above 1000	3	79.54	59.54	73.98	53.98

- The tighter limit applies at the edge between two frequency bands.
- Distance refers to the distance in meters between the measuring instrument antenna and the closed point of any part of the E.U.T.
- The limits from 30 to 1000MHz are referred to CISPR 22 standard, which are in accordance with the requirement of FCC Part 15.38 (b)(3) 、Part 15.109 (a)(g) and ICES-003 section 5(a)(i).
- The limits above 1GHz are referred to FCC Part 15.109(a)

- Required highest frequency for radiated measurement

Highest frequency generated or used in the device or on which the device operates or tunes (MHz)	Upper frequency of measurement range (MHz)
Below 1.705	30
1.705 – 108	1000
108 – 500	2000
500 – 1000	5000
Above 1000	5th harmonic of the highest frequency or 40 GHz, whichever is lower.

6.4. Measurement Procedure

The radiated emission measurement was performed in accordance with the procedure of the ANSI C63.4:2014 clause 8.3.

- The EUT and peripherals were placed on the rotatable non-conduction table, which is 0.8meters above the ground reference plane at the semi-anechoic chamber or OATS as described in section 4.1 and 6.2.
- The measurement distance is set as specified in section 6.3. The specified distance is between the horizontal projection onto the ground plane of the closest periphery of the EUT and the projection onto the ground plane of the center of the axis of the elements of the receiving antenna.
- The resolution bandwidth of the test receiver was at 120kHz (testing from 30 to 1000MHz) or 1MHz (testing above 1000MHz).
- Operate the EUT system as described in section 4.2.
- For the exploratory measurement, determine the highest emission amplitude relative to the limit on each of antenna polarization with the peak detector by each of the EUT operations over the specified frequency range and record it.
- For final measurement, select the EUT operation mode that produced the highest amplitude in the exploratory measurement to determine the highest emissions with each specified detector and record it.
- In order to determine the maximum emission level, must rotate the table in 360 degree and move the receiving antenna between 1~4m height above the ground reference plane.
- In order to find the maximum emission, all of the interconnecting cables were manipulated, except for the bundled cable.
- Both polarizations of receiving antenna were determined.
- The measurement result was calculated by following formulas:

(30 – 1000MHz)

Emission Level = Reading (Receiver) + Cable Loss+ Antenna Factor– Preamp Gain

(Above 1GHz)

Emission Level = Reading (Spectrum) + Cable Loss+ Antenna Factor –
Preamp Gain

- The 3dB bandwidth of the horn antenna is minimum 52 degree (or $w=2.93m$ at 3m distance) for 1~6 GHz.

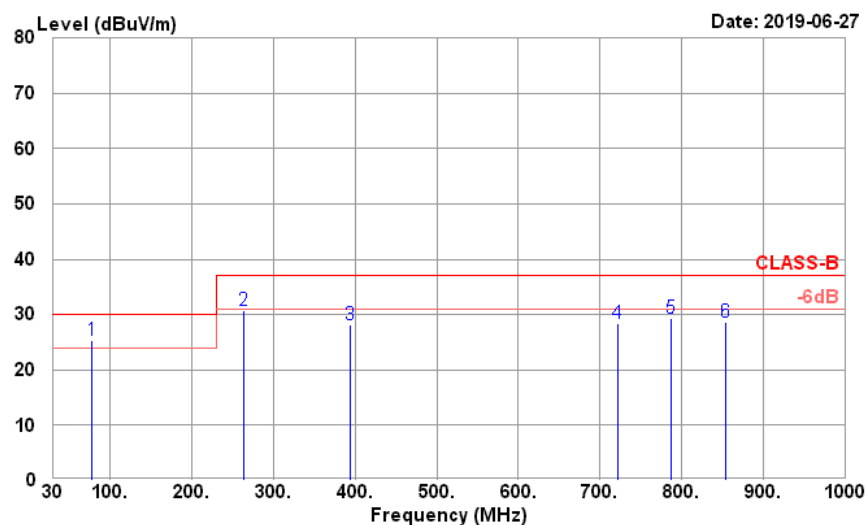
6.5. Measurement Result

The following data are the worst emissions based on the prescan measurement result.

- For frequency range 30–1000MHz

Test Date	2019. 06. 27	Environment	25°C, 56%
Input Power	AC 120V, 60Hz	Ant. Polarity	Horizontal
Tested By	Ken Yang	Test Result	Pass
Test Mode	HDMI, 1920*1080/60Hz	Test Model	M245AZ

Data: 2 File: D:\TEST DATA\REPORT\2019\1M1906XXX\1M1906261\1M1906261-10M.EM6 (8



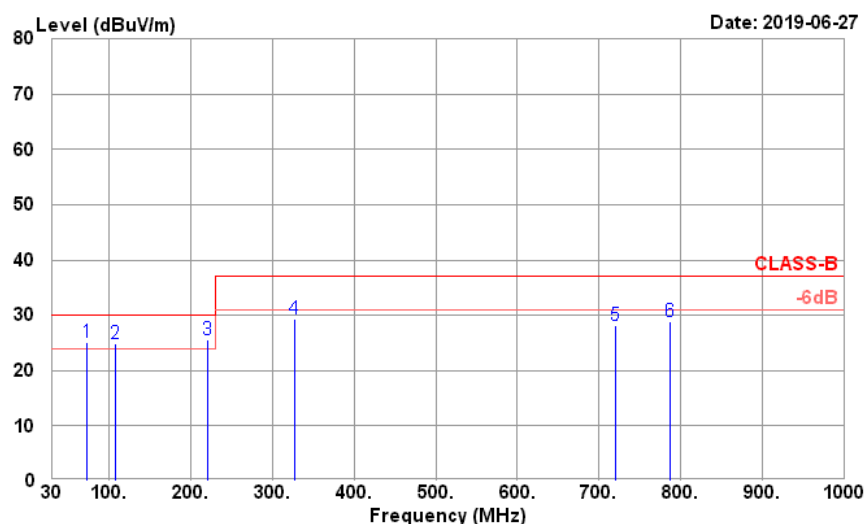
Site no. : NO.1 10M Chamber Data no. : 2
 Dis. / Ant. : 10m VULB 9168 712 Ant. pol. : HORIZONTAL
 Limit : CLASS-B
 Env. / Ins. : 25°C / 56% ESCI 7 (0922) Engineer : Ken Yang
 EUT : M245AZ
 Power Rating : 120Vac/60Hz
 Test Mode : 1920*1080/60Hz HDMI
 Line:1.8m

	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Reading (dB μ V)	Emission Level (dB μ V/m)	Limits (dB μ V/m)	Margin (dB)	Remark
1	76.84	15.48	2.15	37.14	44.89	25.38	30.00	4.62	QP
2	262.80	18.04	3.60	36.82	45.84	30.66	37.00	6.34	QP
3	393.75	21.35	4.36	36.99	39.42	28.14	37.00	8.86	QP
4	721.90	27.16	5.92	37.38	32.76	28.46	37.00	8.54	QP
5	787.57	27.97	6.17	37.36	32.58	29.36	37.00	7.64	QP
6	853.53	28.62	6.41	37.23	30.87	28.67	37.00	8.33	QP

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

Test Date	2019. 06. 27	Environment	25°C, 56%
Input Power	AC 120V, 60Hz	Ant. Polarity	Vertical
Tested By	Ken Yang	Test Result	Pass
Test Mode	HDMI, 1920*1080/60Hz	Test Model	M245AZ

Data: 1 File: D:\TEST DATA\REPORT\2019\1M1906XXX\1M1906261\1M1906261-10M.EM6 (8



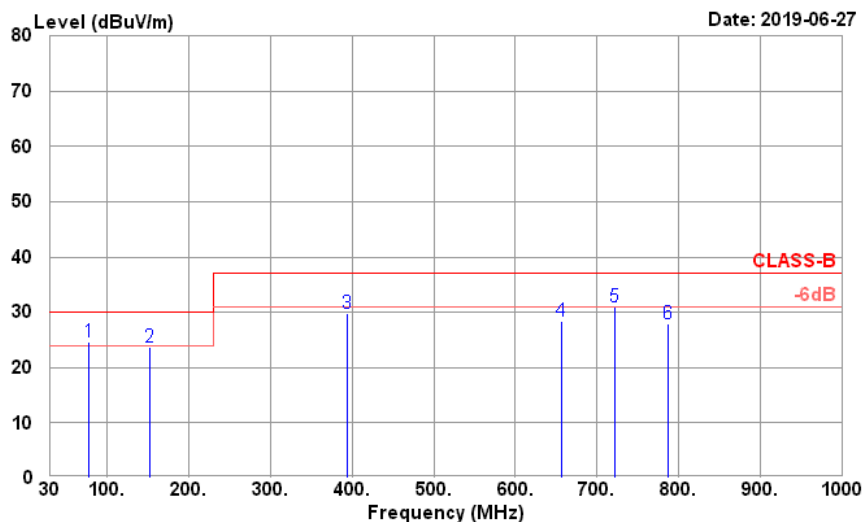
Site no. : NO.1 10M Chamber Data no. : 1
Dis. / Ant. : 10m VULB 9168 711 Ant. pol. : VERTICAL
Limit : CLASS-B
Env. / Ins. : 25°C / 56% ESCI 7 (0922) Engineer : Ken Yang
EUT : M245AZ
Power Rating : 120Vac/60Hz
Test Mode : 1920*1080/60Hz HDMI
Line:1.8m

	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Reading (dB μ V)	Emission Level (dB μ V/m)	Limits (dB μ V/m)	Margin (dB)	Remark
1	73.29	16.16	1.05	37.04	44.86	25.03	30.00	4.97	QP
2	106.84	15.56	1.29	36.94	45.00	24.91	30.00	5.09	QP
3	219.80	16.53	1.97	36.64	43.73	25.59	30.00	4.41	QP
4	327.79	19.91	2.47	36.77	43.81	29.42	37.00	7.58	QP
5	720.64	27.09	3.87	37.44	34.73	28.25	37.00	8.75	QP
6	787.57	27.93	4.07	37.51	34.28	28.77	37.00	8.23	QP

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

Test Date	2019. 06. 27	Environment	25°C, 56%
Input Power	AC 120V, 60Hz	Ant. Polarity	Horizontal
Tested By	Ken Yang	Test Result	Pass
Test Mode	HDMI, Color bar, 1080P	Test Model	M245AZ

Data: 4 File: D:\TEST DATA\REPORT\2019\1M1906XXX\1M1906261\1M1906261-10M.EM6 (8



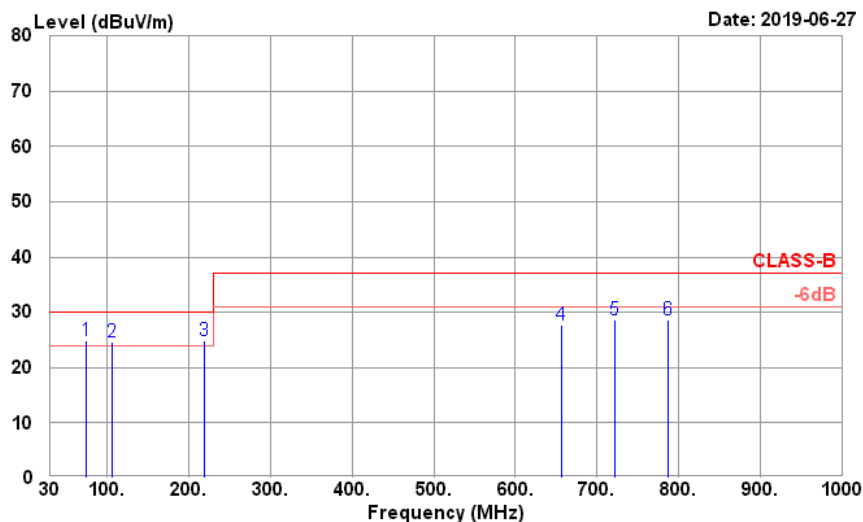
Site no. : NO.1 10M Chamber Data no. : 4
 Dis. / Ant. : 10m VULB 9168 712 Ant. pol. : HORIZONTAL
 Limit : CLASS-B
 Env. / Ins. : 25°C / 56% ESCI 7 (0922) Engineer : Ken Yang
 EUT : M245AZ
 Power Rating : 120Vac/60Hz
 Test Mode : HDMI 1080p
 Line:1.8m

	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Reading (dB μ V)	Emission Level (dB μ V/m)	Limits (dB μ V/m)	Margin (dB)	Remark
1	76.84	15.48	2.15	37.14	44.24	24.73	30.00	5.27	QP
2	152.80	19.05	2.84	36.90	38.81	23.80	30.00	6.20	QP
3	393.75	21.35	4.36	36.99	41.13	29.85	37.00	7.15	QP
4	656.62	26.49	5.64	37.35	33.61	28.39	37.00	8.61	QP
5	721.92	27.16	5.92	37.38	35.36	31.06	37.00	5.94	QP
6	787.57	27.97	6.17	37.36	31.11	27.89	37.00	9.11	QP

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

Test Date	2019. 06. 27	Environment	25°C, 56%
Input Power	AC 120V, 60Hz	Ant. Polarity	Vertical
Tested By	Ken Yang	Test Result	Pass
Test Mode	HDMI, Color bar, 1080P	Test Model	M245AZ

Data: 3 File: D:\TEST DATA\REPORT\2019\1M1906XXX\1M1906261\1M1906261-10M.EM6 (8



Site no. : NO.1 10M Chamber Data no. : 3
Dis. / Ant. : 10m VULB 9168 711 Ant. pol. : VERTICAL
Limit : CLASS-B
Env. / Ins. : 25°C / 56% ESCI 7 (0922) Engineer : Ken Yang
EUT : M245AZ
Power Rating : 120Vac/60Hz
Test Mode : HDMI 1080p
Line:1.8m

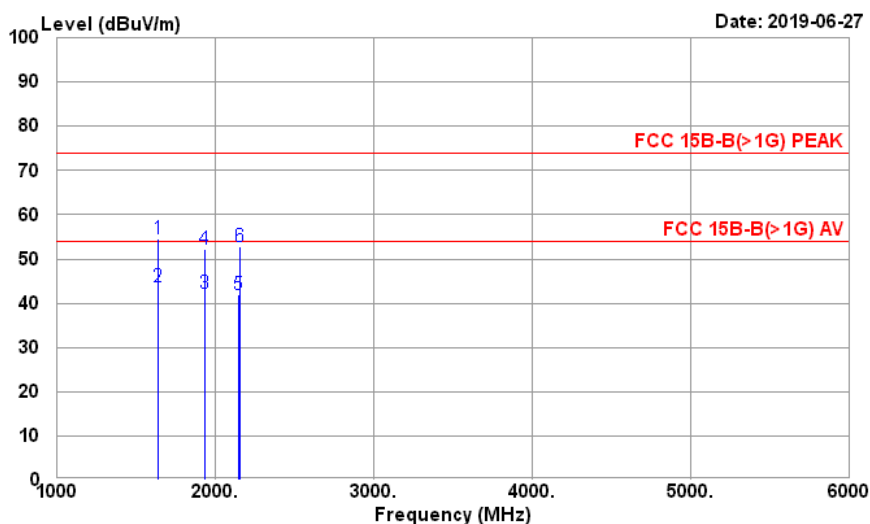
	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Reading (dB μ V)	Emission Level (dB μ V/m)	Limits (dB μ V/m)	Margin (dB)	Remark
1	74.58	16.00	1.05	37.03	44.88	24.90	30.00	5.10	QP
2	105.88	15.45	1.28	36.94	44.75	24.54	30.00	5.46	QP
3	218.80	16.49	1.96	36.64	43.09	24.90	30.00	5.10	QP
4	656.62	26.40	3.68	37.39	34.99	27.68	37.00	9.32	QP
5	721.61	27.10	3.88	37.44	35.07	28.61	37.00	8.39	QP
6	787.57	27.93	4.07	37.51	34.04	28.53	37.00	8.47	QP

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

- For frequency range above 1 GHz

Test Date	2019. 06. 27	Environment	25°C, 56%
Input Power	AC 120V, 60Hz	Ant. Polarity	Horizontal
Tested By	Ken Yang	Test Result	Pass
Test Mode	HDMI, 1920*1080/60Hz	Test Model	M245AZ

Data: 6 File: D:\TEST DATA\REPORT\2019\1C1M1906XXX\1C1M1906261\1C1M1906261-10M.EM6 (8



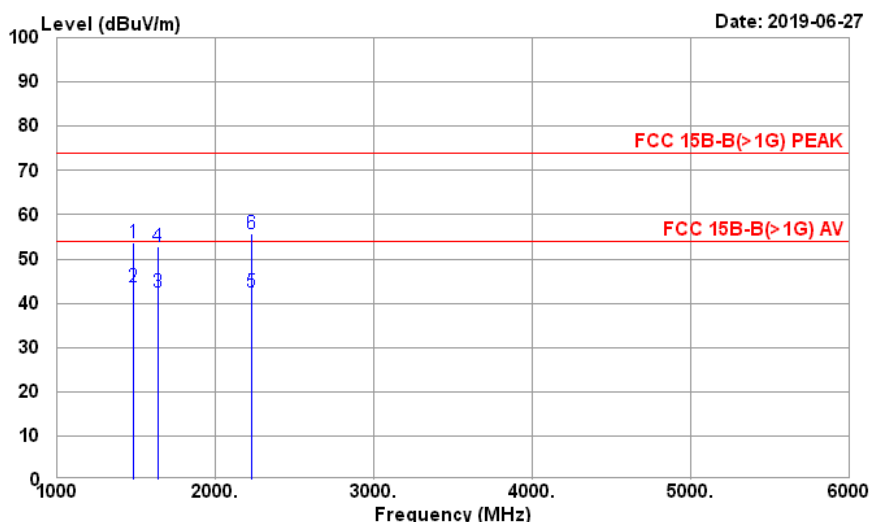
Site no. : NO.1 10M Chamber Data no. : 6
 Dis. / Ant. : 3m 3115 114104 Ant. pol. : HORIZONTAL
 Limit : FCC 15B-B(>1G) PEAK
 Env. / Ins. : 25°C / 56% N9010A (0943) Engineer : Ken Yang
 EUT : M245AZ
 Power Rating : 120Vac/60Hz
 Test Mode : 1920*1080/60Hz HDMI
 Line:1.8m

	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Reading (dB μ V)	Emission Level (dB μ V/m)	Limits (dB μ V/m)	Margin (dB)	Remark
1	1640.26	25.18	2.42	35.96	62.85	54.49	73.98	19.49	Peak
2	1640.95	25.18	2.43	35.96	51.93	43.58	53.98	10.40	Average
3	1933.21	27.23	2.64	35.85	48.18	42.20	53.98	11.78	Average
4	1933.31	27.23	2.64	35.85	58.11	52.13	73.98	21.85	Peak
5	2150.16	28.30	2.77	35.86	46.67	41.88	53.98	12.10	Average
6	2150.50	28.30	2.77	35.86	57.48	52.69	73.98	21.29	Peak

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

Test Date	2019. 06. 27	Environment	25°C, 56%
Input Power	AC 120V, 60Hz	Ant. Polarity	Vertical
Tested By	Ken Yang	Test Result	Pass
Test Mode	HDMI, 1920*1080/60Hz	Test Model	M245AZ

Data: 5 File: D:\TEST DATA\REPORT\2019\1M1906XXX\1M1906261\1M1906261-10M.EM6 (8



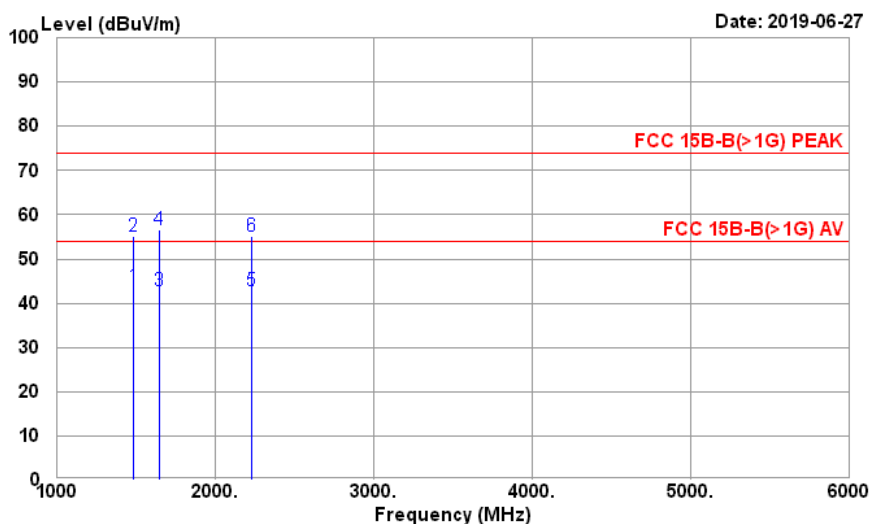
Site no. : NO.1 10M Chamber Data no. : 5
Dis. / Ant. : 3m 3115 114104 Ant. pol. : VERTICAL
Limit : FCC 15B-B(>1G) PEAK
Env. / Ins. : 25°C / 56% N9010A (0943) Engineer : Ken Yang
EUT : M245AZ
Power Rating : 120Vac/60Hz
Test Mode : 1920*1080/60Hz HDMI
Line:1.8m

	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Reading (dB μ V)	Emission Level (dB μ V/m)	Limits (dB μ V/m)	Margin (dB)	Remark
1	1485.31	25.50	2.33	36.04	61.97	53.76	73.98	20.22	Peak
2	1485.42	25.50	2.33	36.04	51.93	43.72	53.98	10.26	Average
3	1640.51	25.18	2.42	35.96	50.98	42.62	53.98	11.36	Average
4	1640.74	25.18	2.42	35.96	61.11	52.75	73.98	21.23	Peak
5	2227.23	27.73	2.83	35.87	47.73	42.42	53.98	11.56	Average
6	2227.95	27.72	2.83	35.87	61.03	55.71	73.98	18.27	Peak

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

Test Date	2019. 06. 27	Environment	25°C, 56%
Input Power	AC 120V, 60Hz	Ant. Polarity	Horizontal
Tested By	Ken Yang	Test Result	Pass
Test Mode	HDMI, Color bar, 1080P	Test Model	M245AZ

Data: 8 File: D:\TEST DATA\REPORT\2019\1M1906XXX\1M1906261\1M1906261-10M.EM6 (8



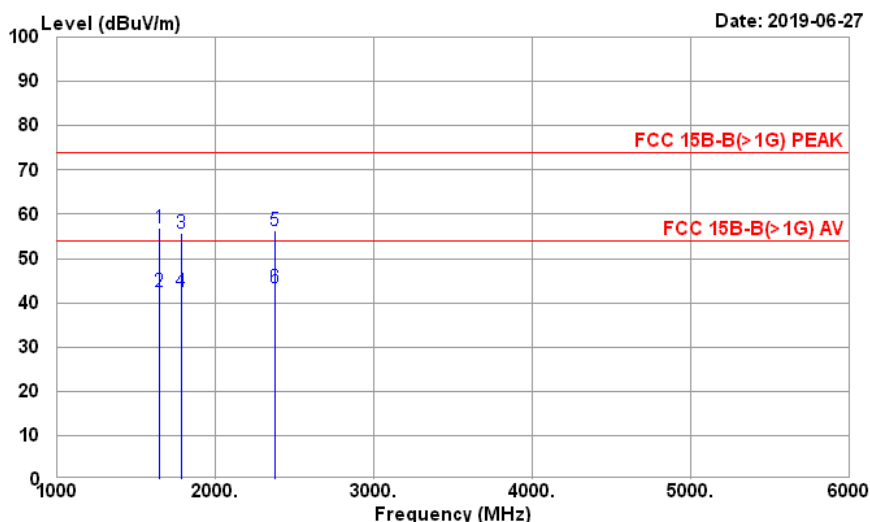
Site no. : NO.1 10M Chamber Data no. : 8
Dis. / Ant. : 3m 3115 114104 Ant. pol. : HORIZONTAL
Limit : FCC 15B-B(>1G) PEAK
Env. / Ins. : 25°C / 56% N9010A (0943) Engineer : Ken Yang
EUT : M245AZ
Power Rating : 120Vac/60Hz
Test Mode : HDMI 1080p
Line:1.8m

	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Reading (dB μ V)	Emission Level (dB μ V/m)	Limits (dB μ V/m)	Margin (dB)	Remark
1	1485.49	25.50	2.33	36.04	51.86	43.65	53.98	10.33	Average
2	1485.53	25.50	2.33	36.04	63.26	55.05	73.98	18.93	Peak
3	1642.05	25.18	2.43	35.96	51.17	42.82	53.98	11.16	Average
4	1642.31	25.18	2.43	35.96	64.84	56.49	73.98	17.49	Peak
5	2227.15	27.73	2.83	35.87	48.12	42.81	53.98	11.17	Average
6	2227.23	27.73	2.83	35.87	60.44	55.13	73.98	18.85	Peak

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

Test Date	2019. 06. 27	Environment	25°C, 56%
Input Power	AC 120V, 60Hz	Ant. Polarity	Vertical
Tested By	Ken Yang	Test Result	Pass
Test Mode	HDMI, Color bar, 1080P	Test Model	M245AZ

Data: 7 File: D:\TEST DATA\REPORT\2019\1C1M1906XXX\1C1M1906261\1C1M1906261-10M.EM6 (8



Site no. : NO.1 10M Chamber Data no. : 7
Dis. / Ant. : 3m 3115 114104 Ant. pol. : VERTICAL
Limit : FCC 15B-B(>1G) PEAK
Env. / Ins. : 25°C / 56% N9010A (0943) Engineer : Ken Yang
EUT : M245AZ
Power Rating : 120Vac/60Hz
Test Mode : HDMI 1080p
Line:1.8m

	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Reading (dB μ V)	Emission Level (dB μ V/m)	Limits (dB μ V/m)	Margin (dB)	Remark
1	1646.30	25.19	2.43	35.96	65.10	56.76	73.98	17.22	Peak
2	1646.97	25.19	2.43	35.96	50.96	42.62	53.98	11.36	Average
3	1782.45	25.63	2.52	35.91	63.49	55.73	73.98	18.25	Peak
4	1782.63	25.63	2.52	35.91	50.30	42.54	53.98	11.44	Average
5	2375.06	27.60	2.96	35.91	61.55	56.20	73.98	17.78	Peak
6	2375.12	27.60	2.96	35.91	48.77	43.42	53.98	10.56	Average

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

7. Measurement UncertaintyList

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 emissionsat wired network port	150kHz-30MHz	±3.5dB
Conducted emissionsat 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
Radiated emissions (No.4 3m Chamber)	30MHz-200MHz, 3m, Horizontal	±4.1dB
	200MHz-1000MHz, 3m, Horizontal	±4.4dB
	30MHz-200MHz, 3m, Vertical	±4.2dB
	200MHz-1000MHz, 3m, Vertical	±5.0dB
	1GHz-6GHz, 3m	±4.4dB
	6GHz-18GHz, 3m	±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. Powerline Conducted Emission Measurement 【"H" Pattern】



Front View of Conducted Measurement



Back View of Conducted Measurement

【“Color Bar” Image】

Front View of Conducted Measurement



Back View of Conducted Measurement

8.2. Radiated Emissions Measurement

- For Frequency Range 30 – 1000MHz
【"H" Pattern】



Front View of Radiated Measurement



Back View of Radiated Measurement

【“Color Bar” Image】

Front View of Radiated Measurement



Back View of Radiated Measurement

- For Frequency Range Above 1GHz
【"H" Pattern】



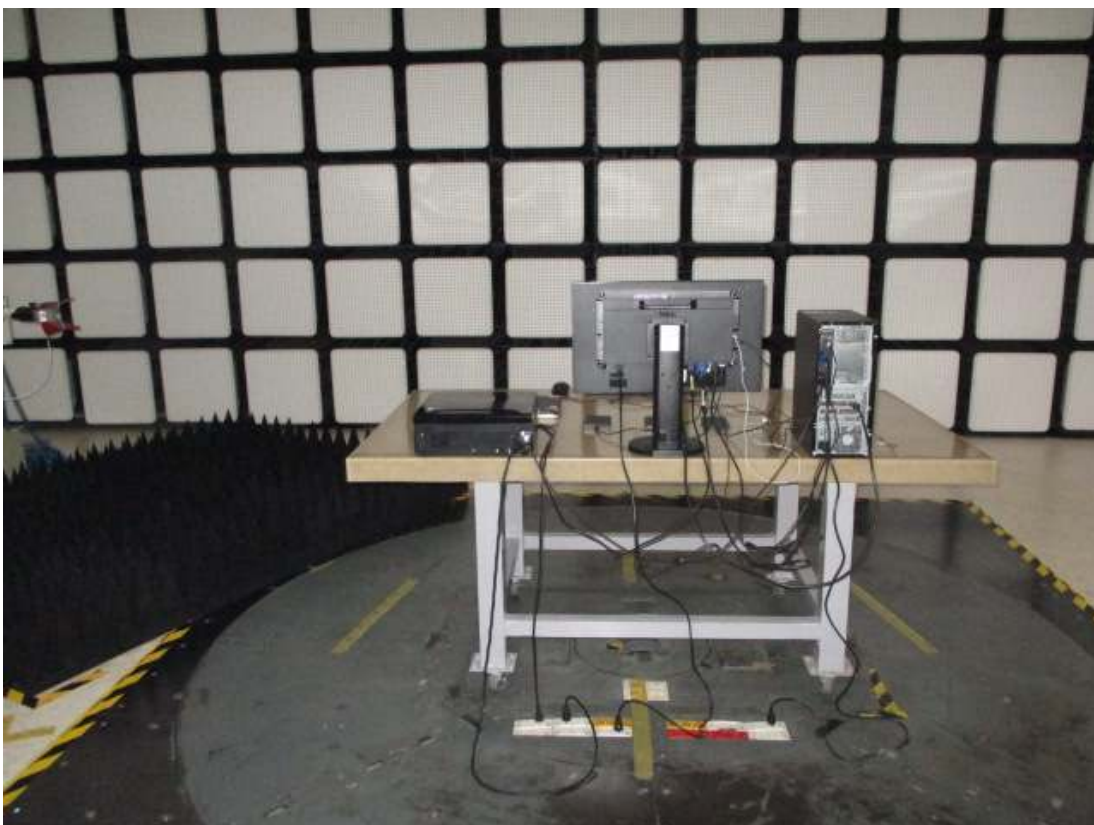
Front View of Radiated Measurement



Back View of Radiated Measurement

【“Color Bar” Image】

Front View of Radiated Measurement



Back View of Radiated Measurement