Technical Compliance Statement
FCC and ISED Test Report

For the following information Ref. File No.: A1Z2003180

Product	:	LCD MONITOR
Model No.	:	16T2; 16T2******** (* = 0-9, A-Z, a-z, +, -, /, \ or blank)
Brand	:	AOC
Applicant	:	TPV Electronics (FuJian) Co., Ltd.
Address	:	Rongqiao Economic and Technological Development Zone,Fuqing City,Fujian Province,P.R. China
Rules and Standards	:	47 CFR FCC Part 15 Subpart B and ICES-003 Issue 6: 2016(Updated 2019) (Class B Limit)

We hereby certify that the above product has been tested by us and complied with above FCC and ICES standard 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 **ACS-F20084.**

AUDIX® 信華科技（深圳）有限公司
Audix Technology (Shenzhen) Co., Ltd.
EMC 部門報告專用章
Stamp only for EMC Dept. Report

Signature: _____
(Bensun Chen / Manager)
Date: 2020.06.01

Test Laboratory:
Audix Technology (Shenzhen) Co., Ltd.
NVLAP Lab. Code: 200372-0
FCC OET Designation: CN5022
Web Site: www.audix.com.cn

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

LCD MONITOR

Model No. : 16T2; 16T2********(* = 0-9, A-Z, a-z, +, -, /, \ or blank)

Brand：AOC

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

Prepared By: Audix Technology (Shenzhen) Co., Ltd.
No. 6, Kefeng Road, Science & Technology Park, Nanshan District, Shenzhen, Guangdong, China

Tel: (0755) 26639496
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Testing Laboratory
1418

TESTING
NVLAP LAB CODE 200372-0

Report Number	:	ACS-F20084
Date of Test	:	Apr.09 ~ May.13, 2020
Date of Report	:	Jun.01, 2020

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TEST REPORT

Applicant	: TPV Electronics (FuJian) Co., Ltd.
Product	: LCD MONITOR
Model No.	: 16T2; 16T2********(* = 0-9, A-Z, a-z, +, -, /, \ or blank)
Brand	: AOC
Report No.	: ACS-F20084
Power Supply	: AC 100-240V, 50/60Hz (Via Power Adapter) DC 3.7V(Via Battery) DC 5V(Via Notebook)
Test Voltage	: AC 120V/60Hz (Via Power Adapter) DC 3.7V(Via Battery) DC 5V(Via Notebook)

Rules of Compliance and Applicable Standards:

47 CFR FCC Part 15 Subpart B, Class B Limit

ANSI C63.4:2014

ICES-003 Issue 6: 2016(Updated 2019)

The device described above was tested by Audix Technology (Shenzhen) Co., Ltd. to determine the maximum emission levels emanating from the device. All of the tests were requested by the applicant and the results thereof based upon the information that the applicant provided to us. We, Audix Technology (Shenzhen) Co., Ltd. assume full responsibility for the accuracy and completeness of these measurements. Also, this report shows that the EUT is compliance with the requirements of 47 CFR FCC Part 2 and ISED standards.

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 (Shenzhen) Co., Ltd.

Date of Test : Apr.09 ~ May.13, 2020 Report of date: Jun.01, 2020

Prepared by : Hally Qiu Reviewed by : Fire Zhang

Hally Qiu / Assistant Fire Zhang / Assistant Manager

AUDIX® 信華科技 (深圳) 有限公司
Audix Technology (Shenzhen) Co., Ltd.
EMC 部門報告專用章
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Approved & Authorized Signer : Signature:

Bensun Chen / Manager

Name of the Representative of the Responsible Party:

Signature:

1. SUMMARY OF STANDARDS AND RESULTS

1.1.Description of Standards and Results

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

EMISSION			
Description of Test Item	**Standard**	**Results**	**Remark**
Power Line Conducted Emission Test	FCC Part 15 ANSI C63.4: 2014 ICES-003 Issue 6: 2016(Updated 2019)	PASS	Minimum passing margin is 5.38dB at 0.481MHz
Radiated Emission Test (30-1000MHz)	FCC Part 15 ANSI C63.4: 2014 ICES-003 Issue 6: 2016(Updated 2019)	PASS	Minimum passing margin is 6.26dB at 940.830MHz
Radiated Emission Test (1-6GHz)	FCC Part 15 ANSI C63.4: 2014 ICES-003 Issue 6: 2016(Updated 2019)	PASS	Minimum passing margin is 9.41dB at 1062.146MHz

2. GENERAL INFORMATION

2.1. Description of Device (EUT)

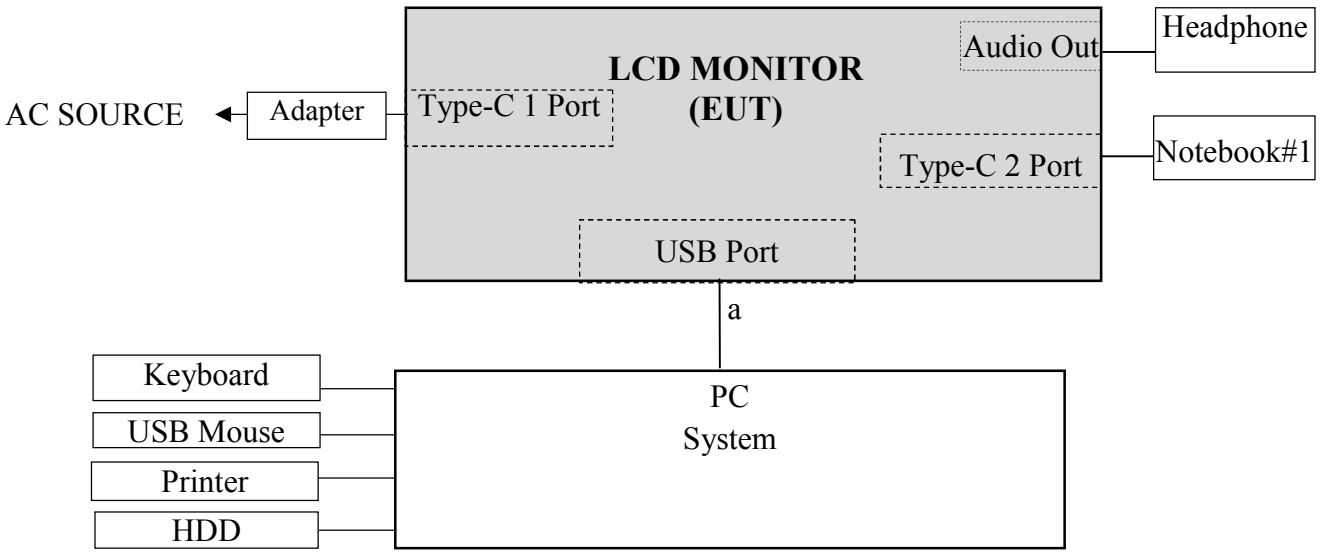
Product	: LCD MONITOR
Model No.	: 16T2; 16T2********(* = 0-9, A-Z, a-z, +, -, /, \ or blank) Above all modes difference are in sale marketing.
Test Model No.	: 16T2
Brand	: AOC
Applicant	: TPV Electronics (FuJian) Co., Ltd. Rongqiao Economic and Technological Development Zone, Fuqing City, Fujian Province, P.R. China
Max. Resolution	: 1920*1080@60Hz
Max. Work Frequency	: 180MHz
I/O Port	: (1) Two Type-C Ports (2) One Micro USB Port (3) One Audio Out Port
Power Adapte	: Manufacturer: STK, M/N: X18W-1C-F103-CN Input: AC 100-240V, 50/60Hz, 0.6A Output: DC 5V, 3A
Battery	: Manufacturer: HUBEI UEE ENERGY TECHNOLOGY CO.,LTD Model and Capacity: 2878125/ 400mAh/ 3.7V
HDMI to Micro USB Cable	: Shielded, Detachable, 1.8m/1.5m
USB Type-C Cable	: Shielded, Detachable, 1.8m/1.5m
Date of Test	: Apr.09 ~ May.13, 2020
Date of Receipt	: Apr.02, 2020
Sample Type	: Prototype production

2.2. Tested Supporting System Details

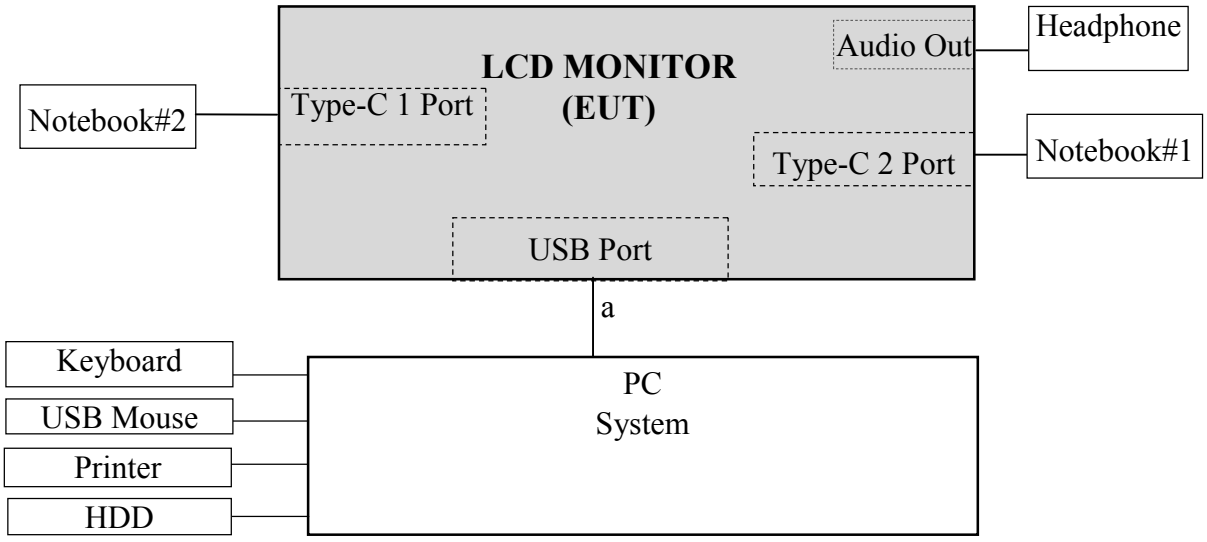
No.	Description	ACS No.	Manufacturer	Model	Serial Number
1.	Personal Computer	Test PC Q	ACER	Veriton T630	DTVMKCN00560900F629600
		Power Cord: Unshielded, Detachable, 1.8m(3 pins) USB to HDMI Cable: Shielded, Undetachable, 1.5m			
2.	USB Keyboard	ACS-EMC-K03R	DELL	SK-8120	CN-ODJ365-71616-2BE-0DCE-A00
		USB Cable: Shielded, Undetachable, 2.0m			
3.	USB Mouse	ACS-EMC-M03R	DELL	M0C5UO	512023253
		USB Cable: Shielded, Undetachable, 1.8m			
4.	Printer	ACS-EMC-PT04	HP	C9079A	--
		USB Cable: Shielded, Detachable, 1.8m Power Cord: Unshielded, Detachable, 1.8m(2 pins)			
5.	HDD	ACS-EMC-HDD01	Terasys	F12-UF	A0100215-5390031
		USB Cable: Shielded, Detachable, 1.8m			
6.	Headphone	ACS-EMC-EP01	OVANN	0V-T880V	---
		Audio Cable: Shielded, Undetachable, 2.0m			
7.	Notebook#1	---	DELL	P54G	---
8.	Notebook#2	---	DELL	Latitude 7400	---

2.3.Block Diagram of Test Setup

Adapter Supply:



Battery Supply & Notebook Supply:



a:HDMI to Micro USB Cable

(EUT: LCD MONITOR)

2.4.Description of Test Facility

Site Description

Name of Firm	Audix Technology (Shenzhen) Co., Ltd. No. 6, Kefeng Road, Science & Technology Park, Nanshan District, Shenzhen, Guangdong, China
EMC Lab.	Certificated by DAkkS, Germany Registration No: D-PL-12151-01-00 Valid Date: Dec.07, 2021 Accredited by NVLAP, USA NVLAP Code: 200372-0 Valid Date: Mar.31, 2021 Certificated by FCC, USA Designation No: CN5022 Valid Date: Mar.31, 2021 Certificated by TAF, Taiwan Registration No: 1418 Valid Date: Nov.08, 2020

2.5.Measurement Uncertainty（95% confidence levels, k=2）

Test Item	Uncertainty
Uncertainty for Conduction emission test in No. 2 Conduction	2.4dB (150kHz to 30MHz)
Uncertainty for Radiation Emission test in 10m chamber (Distance: 10m)	3.8dB (30~200MHz, Polarization: H)
	3.6dB (30~200MHz, Polarization: V)
	3.6dB (200M~1GHz, Polarization: H)
	3.8dB (200M~1GHz, Polarization: V)
Uncertainty for Radiation Emission test in 10m chamber (1GHz-18GHz)	5.0dB (1~6GHz, Distance: 3m)
	5.0dB (6~18GHz, Distance: 3m)
Uncertainty for S_{VSWR} in 10m Chamber	2.8dB (1-6GHz,Distance: 3m)
	2.8dB (6-18GHz,Distance: 3m)
Uncertainty for test site temperature , humidity, Pressure	0.6℃
	3%
	1kPa

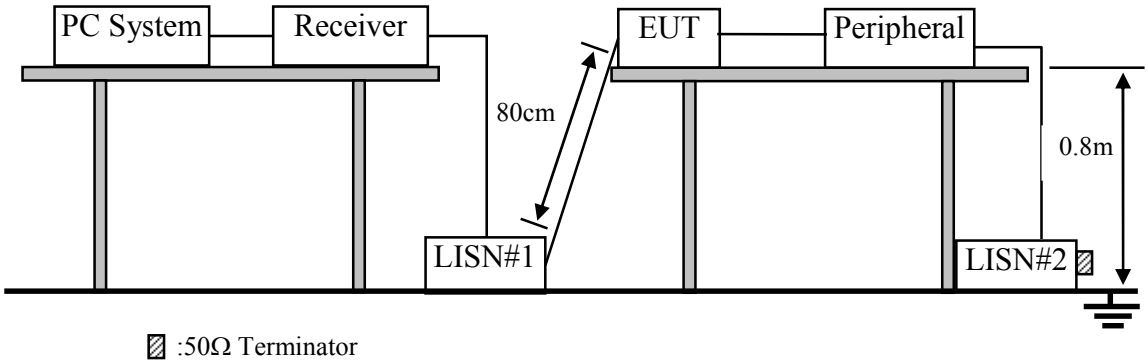
Note: EMI uncertainty is evaluated by CISPR16-4-2.
The value of measurement uncertainty of EMI is less than U_{CISPR}.
The value is not calculated in the test results.

3. POWER LINE CONDUCTED EMISSION MEASUREMENT

3.1.Test Equipment

Item	Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Cal. Interval
1.	2# Shielding Room	AUDIX	N/A	N/A	Apr.15,18	3 Year
2.	EMI Test Receiver	Rohde & Schwarz	ESCI	100843	Oct.12,19	1 Year
3.	L.I.S.N. #1	Rohde & Schwarz	ENV4200	100041	Apr.12,20	1 Year
4.	L.I.S.N. #2	Kyoritsu	KNW-407	8-1628-5	Apr.12,20	1 Year
5.	Terminator	Hubersuhner	50Ω	No.4	Apr.12,20	1 Year
6.	Terminator	Hubersuhner	50Ω	No.5	Apr.12,20	1 Year
7.	RF Cable	Fujikura	RG55/U	No.2	Apr.12,20	1 Year
8.	Test Software	AUDIX	e3	6.100913a	N/A	N/A
Note: N/A means Not applicable.						

3.2.Block Diagram of Test Setup



▨ :50Ω Terminator

3.3.Power Line Conducted Emission Class B Limits

Frequency	Maximum RF Line Voltage	
	Quasi-Peak Level dB(μV)	Average Level dB(μV)
150kHz ~ 500kHz	66 ~ 56*	56 ~ 46*
500kHz ~ 5MHz	56	46
5MHz ~ 30MHz	60	50

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

3.4. EUT 's Configuration during Compliance Measurement

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

3.4.1.LCD MONITOR (EUT)

Model No : 16T2

3.4.2.Support Equipment : As Tested Supporting System Detail, in Section 2.2.

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 equipments.

3.5.3. PC system ran the Self-test program "EMC TEST. exe" by windows 7 and sent "H" Character to LCD MONITOR (EUT) through USB/Type-C card, the Screen of EUT displayed and filled with "H" pattern.

3.5.4. The PC system was running the program "1kHz signal playing" and sending sound to EUT.

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

3.6. Test Procedure

The EUT was placed on a non-metallic table, 80cm above the ground plane. The EUT Power connected to the power mains through a line impedance stabilization network (L.I.S.N. #1). The other peripheral devices power cord connected to the power mains through a line impedance stabilization network (L.I.S.N.#2). This provided a 50-ohm coupling impedance for the EUT (Please refer to the block diagram of the test setup and photographs). Both sides of power line were checked for maximum conducted interference. In order to find the maximum emission, the relative positions of equipments and all of the interface cables were changed according to ANSI C63.4: 2014 on conducted Emission test.

The bandwidth of the (R&S ESCI) was set at 9kHz.

The frequency range from 150kHz to 30MHz is checked. The test results are recorded in Section 3.7.

3.7. Conducted Disturbance at Mains Terminals Test Results

PASS. (All emissions not reported below are too low against the prescribed limits.)

EUT: LCD MONITOR Model No. : 16T2

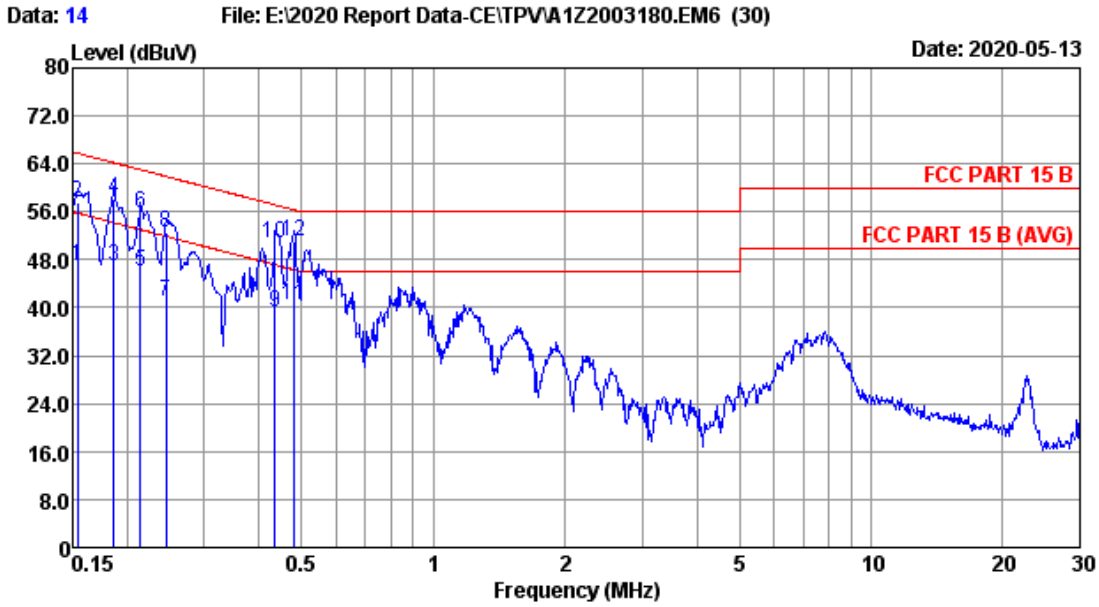
Test Date: May.13, 2020 Temperature: 21.7℃ Humidity: 52% Pressure: 101.6kPa

The EUT with following test modes were pre-tested:

No.	Power Supply	Test Mode	Input Port	Cable Length	Panel Angle	Resolution & Frequency
1.	Adapter Supply	PC Mode	Micro USB	1.8m	90°	640*480@60Hz
2.						1280*1024@75Hz
3.						1920*1080@60Hz
4.					0°	1920*1080@60Hz
5.				1.5m	90°	1920*1080@60Hz
6.			Type-C 1	1.8m	90°	640*480@60Hz
7.						1280*1024@75Hz
8.						1920*1080@60Hz
9.			Type-C 2			640*480@60Hz
10.						1280*1024@75Hz
11.						1920*1080@60Hz
12.	Adapter Supply (Type-C 2)		Micro USB	1.8m		1920*1080@60Hz

The result of worst test mode is presented in the report as below and the test data are listed in next pages.

No.	Power Supply	Test Mode	Cable Length	Panel Angle	Input Port	Resolution & Frequency	Reference Test Data No.	
							Line	Neutral
1.	Adapter Supply	PC Mode	1.8m	90°	Micro USB	1920*1080@60Hz	#14	#13

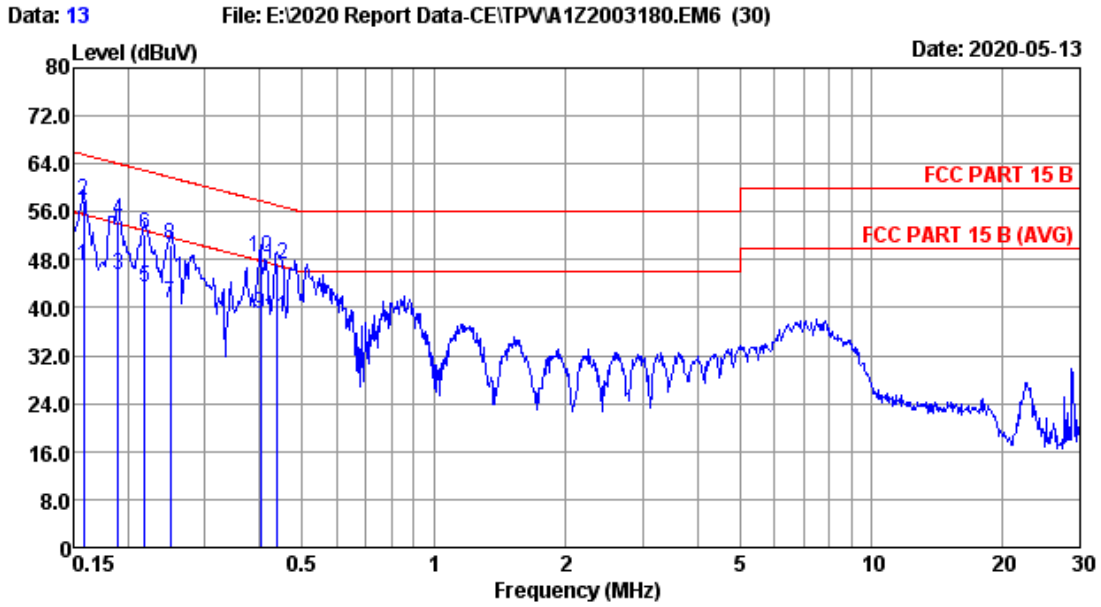


Site no :2# Conduction
Dis./Lisn :2020 ENV4200-L1
Limit :FCC PART 15 B
Env./Ins. :21.7*C/52%
EUT :16T2
Power Rating :AC 120V/60Hz
Test Mode :HDMI to USB:1920*1080@60Hz

Data No :14
LISN phase:LINE
Pressure :101.6kPa
Engineer :Gavin

No	Freq (MHz)	LISN Factor (dB)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuV)	Limits (dBuV)	Margin (dB)	Remark
1	0.154	10.13	0.23	36.43	46.79	55.78	8.99	Average
2	0.154	10.13	0.23	47.29	57.65	65.78	8.13	QP
3	0.186	10.30	0.23	36.48	47.01	54.20	7.19	Average
4	0.186	10.30	0.23	47.59	58.12	64.20	6.08	QP
5	0.214	10.46	0.23	35.26	45.95	53.05	7.10	Average
6	0.214	10.46	0.23	45.02	55.71	63.05	7.34	QP
7	0.246	10.50	0.23	30.29	41.02	51.91	10.89	Average
8	0.246	10.50	0.23	41.92	52.65	61.91	9.26	QP
9	0.435	10.76	0.23	28.25	39.24	47.15	7.91	Average
10	0.435	10.76	0.23	39.79	50.78	57.15	6.37	QP
11	0.481	10.79	0.23	29.43	40.45	46.32	5.87	Average
12	0.481	10.79	0.23	39.92	50.94	56.32	5.38	QP

Remarks: 1.Emission Level=LISN Factor+Cable Loss+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.



Site no :2# Conduction
Dis./Lisn :2020 ENV4200-N
Limit :FCC PART 15 B
Env./Ins. :21.7*C/52%
EUT :16T2
Power Rating :AC 120V/60Hz
Test Mode :HDMI to USB:1920*1080@60Hz

Data No :13
LISN phase:NEUTRAL
Pressure :101.6kPa
Engineer :Gavin

No	Freq (MHz)	LISN Factor (dB)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuV)	Limits (dBuV)	Margin (dB)	Remark
1	0.158	10.00	0.23	36.75	46.98	55.56	8.58	Average
2	0.158	10.00	0.23	47.68	57.91	65.56	7.65	QP
3	0.189	9.98	0.23	35.26	45.47	54.06	8.59	Average
4	0.189	9.98	0.23	44.31	54.52	64.06	9.54	QP
5	0.219	9.96	0.23	33.18	43.37	52.88	9.51	Average
6	0.219	9.96	0.23	42.03	52.22	62.88	10.66	QP
7	0.249	9.95	0.23	30.54	40.72	51.78	11.06	Average
8	0.249	9.95	0.23	40.31	50.49	61.78	11.29	QP
9	0.402	9.88	0.23	28.94	39.05	47.81	8.76	Average
10	0.402	9.88	0.23	38.30	48.41	57.81	9.40	QP
11	0.437	9.85	0.23	28.16	38.24	47.11	8.87	Average
12	0.437	9.85	0.23	37.20	47.28	57.11	9.83	QP

Remarks: 1.Emission Level=LISN Factor+Cable Loss+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.

4. RADIATED EMISSION MEASUREMENT

4.1.Test Equipments

4.1.1.For frequency range 30MHz~1000MHz (In 10m Anechoic Chamber)

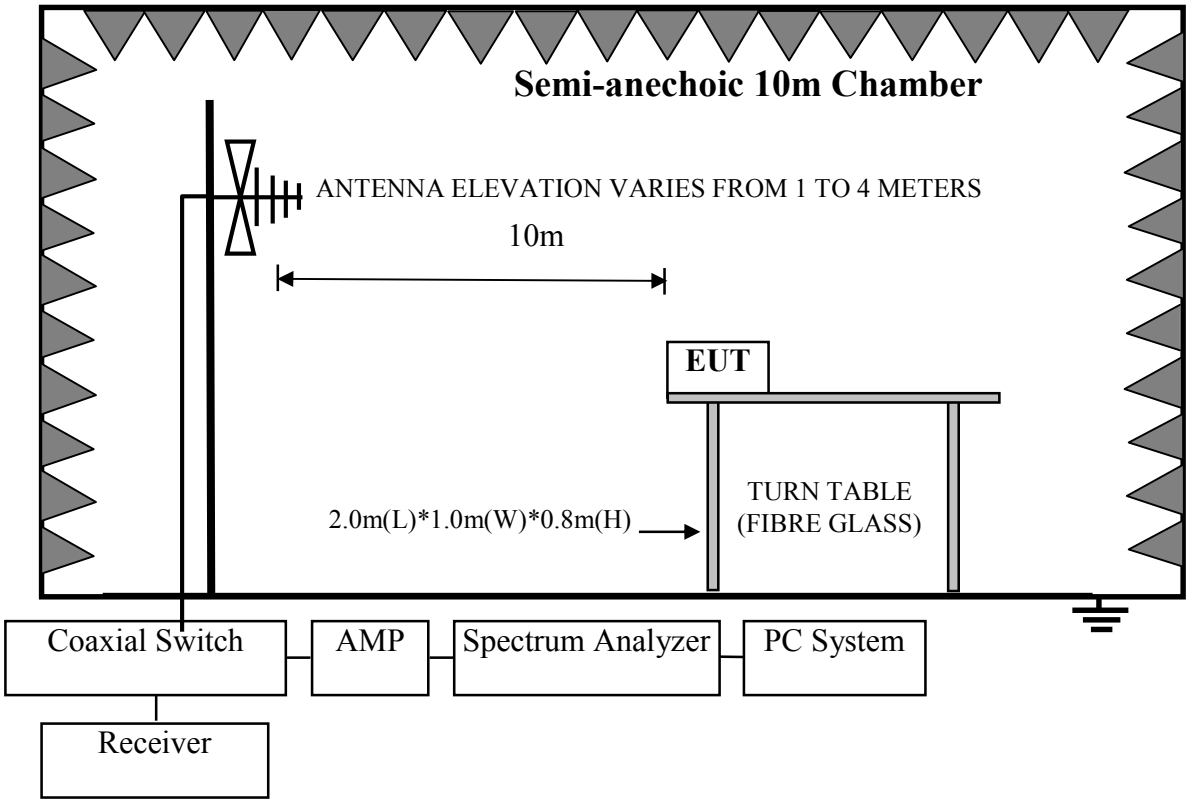
Item	Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Cal. Interval
1.	10m Chamber(NSA)	AUDIX	N/A	N/A	Apr.15,19	1 Year
2.	10m Chamber(SE)	AUDIX	N/A	N/A	Apr.15,18	3 Year
3.	Signal Analyzer	Rohde & Schwarz	FSV30	103669	Oct.13,19	1 Year
4.	Signal Analyzer	Rohde & Schwarz	FSV30	103670	Oct.13,19	1 Year
5.	EMI Test Receiver	Rohde & Schwarz	ESR3	101931	Apr.14,19	1 Year
6.	Amplifier	EMCI	EMC9135	980347	Jun.30,19	1 Year
7.	Amplifier	EMCI	EMC9135	980348	Mar.02,20	1 Year
8.	Tri-log-Broadband Antenna	Schwarzbeck	VULB 9168	710	Sep.24,19	1 Year
9.	Tri-log-Broadband Antenna	Schwarzbeck	VULB 9168	429	May.08,19	1 Year
10.	RF Cable	SPUMA	CFD400NL-LW	No.4	Jun.30,19	1 Year
11.	RF Cable	SPUMA	CFD400-NM-NM	160727+160728	Jun.30,19	1 Year
12.	Coaxial Switch	Anritsu	MP59B	6201397220	Apr.14,19	1 Year
13.	Coaxial Switch	Anritsu	MP59B	6201397221	Apr.14,19	1 Year
14.	Coaxial Switch	Anritsu	MP59B	6201397224	Apr.14,19	1 Year
15.	Test Software	AUDIX	e3	6.100913a	N/A	N/A
Note: N/A means Not applicable.						

4.1.2.For frequency range 1GHz~6GHz (In 10m Anechoic Chamber)

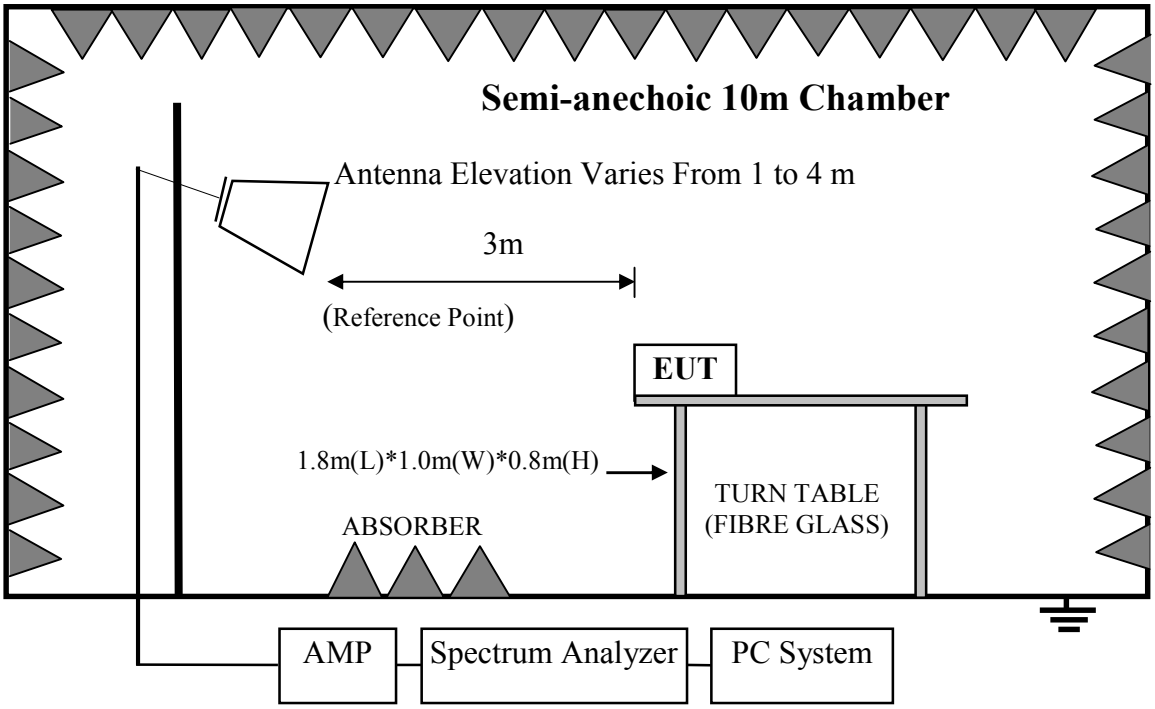
Item	Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Cal. Interval
1.	10m Chamber(Svswr)	AUDIX	N/A	N/A	Apr.15,19	1 Year
2.	10m Chamber(SE)	AUDIX	N/A	N/A	Apr.15,18	3 Year
3.	Signal Analyzer	Rohde & Schwarz	FSV30	103670	Oct.13,19	1 Year
4.	Horn Antenna	ETS	3117	00218552	Dec.02,19	1 Year
5.	Amplifier	KEYSIGHT	83017A	39500711	Jun.30,19	1 Year
6.	RF Cable	ETS	SMS-100-SMS-350IN	NO.1	May.13,19	1 Year
7.	Test Software	AUDIX	e3	6.100913a	N/A	N/A
Note: N/A means Not applicable.						

4.2.Block Diagram of Test Setup

4.2.1.In 10m Anechoic Chamber Test Setup Diagram for 30MHz~1000MHz



4.2.2.In 10m Anechoic Chamber Test Setup Diagram for 1-6GHz



4.3.Radiated Emission Limit

All emanations from a Class B computing devices or system, including any network of conductors and apparatus connected thereto, shall not exceed the level of field strengths specified below:

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	74(Peak) 54(Average)

Notes: (1) Emission level = Antenna Factor + Cable Loss + Reading
Emission level = Antenna Factor -Amp Factor +Cable Loss + Reading (above 1000MHz)
(2) The lower limit shall apply at the transition frequencies.
(3) Distance refers to the distance in meters between the test instrument antenna and the closed point of any part of the E.U.T.

4.4. EUT 's Configuration during Compliance Measurement

The configuration of EUT is same as used in Conducted Emission test. Please refer to Section 3.4.

4.5. Operating Condition of the EUT

Same as Conducted Emission test that is listed in Section 3.5. except the test set up replaced by Section 4.2.

4.6. Test Procedure

The EUT was placed on a non-metallic table, 80 cm above the ground plane inside a semi-anechoic chamber. An antenna was located 10m from the EUT on an adjustable mast. A pre-scan was first performed in order to find prominent radiated emissions. For final emissions measurements at each frequency of interest, the EUT were rotated and the antenna height was varied between 1m and 4m in order to maximize the emission. Measurements in both horizontal and vertical polarities were made and the data was recorded. In order to find the maximum emission, the relative positions of equipments and all of the interface cables were changed according to ANSI C63.4-2014 on Radiated Emission test.

The bandwidth setting on the test receiver (R&S ESR3) is 120kHz.

The resolution bandwidth of the Signal Analyzer FSV30 was set at 1MHz. (For above 1GHz)

The frequency range from 30MHz to 1000MHz was pre-scanned with a peak detector and all final readings of measurement from Test Receiver are Quasi-Peak values.

The frequency range from 1GHz to 6GHz was checked and all final readings of measurement were with Peak and Average detector, measurement distance was 10m at semi-anechoic chamber. the EUT were rotated and the antenna height was varied between 1m and 4m in order to maximize the emission. The portion of the test volume that was obstructed by absorber placed on the floor (30cm maximum).

Finally, selected operating situations at Anechoic Chamber measurement, all the test results are listed in section 4.7.

4.7. Radiated Disturbance Test Results

PASS. (All emissions not reported below are too low against the prescribed limits.)

EUT: LCD MONITOR Model No. : 16T2

For frequency range 30MHz~1000MHz

Test Date: Apr.09, 2020 Temperature: 22.3℃ Humidity: 53% Pressure: 101.6kPa

The EUT with following test modes were pre-tested:

No.	Power Supply	Test Mode	Input Port	Cable Length	Panel Angle	Resolution & Frequency
1.	Adapter Supply & Battery Supply & Notebook Supply	PC Mode	Micro USB	1.8m	90°	640*480@60Hz
2.						1280*1024@75Hz
3.						1920*1080@60Hz
4.					0°	1920*1080@60Hz
5.				1.5m	90°	1920*1080@60Hz
6.			Type-C 1	1.8m	90°	640*480@60Hz
7.						1280*1024@75Hz
8.						1920*1080@60Hz
9.			Type-C 2			640*480@60Hz
10.						1280*1024@75Hz
11.						1920*1080@60Hz
12.	Adapter Supply (Type-C 2)		Micro USB	1.8m		1920*1080@60Hz

The result of worst test mode is presented in the report as below and the test data are listed in next pages.

No.	Power Supply	Test Mode	Cable Length	Panel Angle	Input Port	Resolution & Frequency	Reference Test Data No.	
							Horizontal	Vertical
1.	Adapter Supply	PC Mode	1.8m	90°	Micro USB	1920*1080@60Hz	#14	#13

For frequency range 1GHz~6GHz

The EUT with below test mode were measured within Anechoic Chamber and the test results listed in next pages.

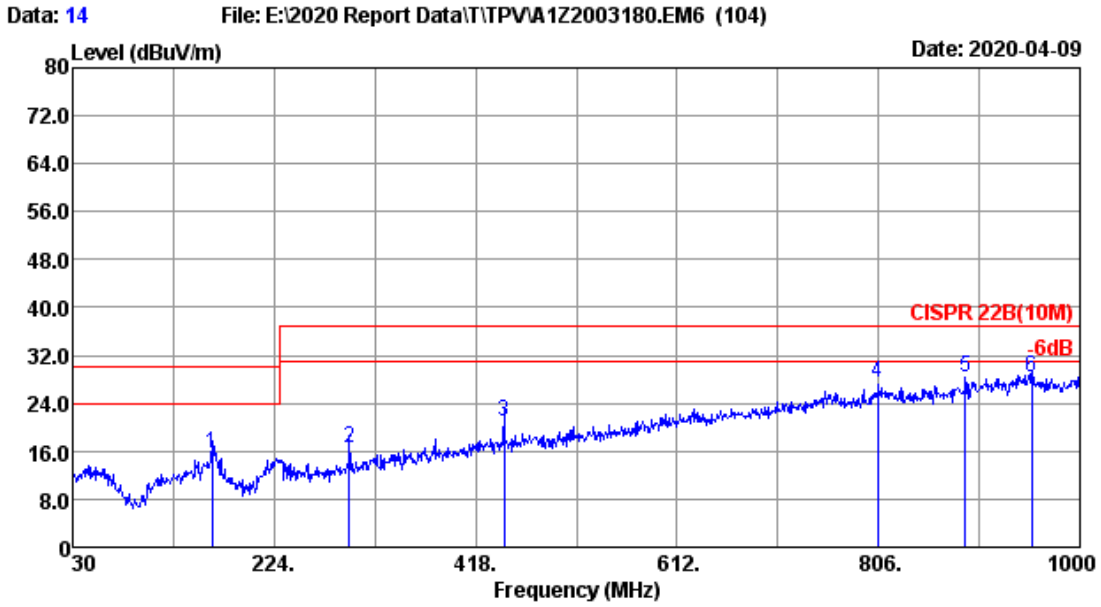
Test Date: Apr.10, 2020 Temperature: 22.3℃ Humidity: 53% Pressure: 101.5kPa

The EUT with following test modes were pre-tested:.

No.	Power Supply	Test Mode	Input Port	Cable Length	Panel Angle	Resolution & Frequency
1.	Adapter Supply & Battery Supply & Notebook Supply	PC Mode	Micro USB	1.8m	90°	1280*1024@75Hz
2.						1920*1080@60Hz
3.					0°	1920*1080@60Hz
4.				1.5m	90°	1920*1080@60Hz
5.			Type-C 1	1.8m	90°	1280*1024@75Hz
6.						1920*1080@60Hz
7.			Type-C 2			1280*1024@75Hz
8.						1920*1080@60Hz
9.	Adapter Supply (Type-C 2)		Micro USB	1.8m		1920*1080@60Hz

The result of worst test mode is presented in the report as below and the test data are listed in next pages.

No.	Power Supply	Test Mode	Cable Length	Panel Angle	Input Port	Resolution & Frequency	Reference Test Data No.	
							Horizontal	Vertical
1.	Adapter Supply	PC Mode	1.8m	90°	Micro USB	1920*1080@60Hz	#36	#35

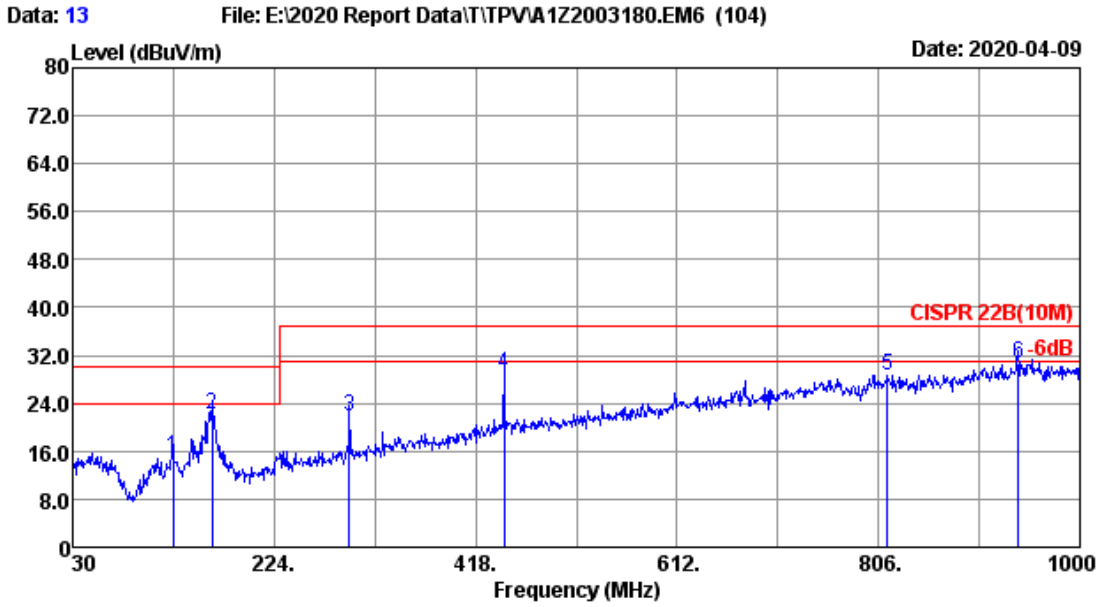


Site no. : 10m Chamber
Dis. / Ant. : 10m 2019 VULB9168-429
Limit : CISPR 22B(10M)
Env. / Ins. : 22.3*C/53%
EUT : 16T2
Power rating : AC 120V/60Hz
Test Mode : HDMI to USB:1920*1080@60Hz

Data no. : 14
Ant. pol. : HORIZONTAL
Pressure : 101.6kPa
Engineer : Johnny

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	163.860	19.10	1.10	-4.53	15.67	30.00	14.33	QP
2	296.750	19.24	1.54	-4.14	16.64	37.00	20.36	QP
3	445.160	22.90	2.07	-4.04	20.93	37.00	16.07	QP
4	805.030	28.40	3.25	-4.09	27.56	37.00	9.44	QP
5	889.420	29.14	3.24	-4.04	28.34	37.00	8.66	QP
6	953.440	29.93	3.29	-4.78	28.44	37.00	8.56	QP*

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.
2. The emission levels that are 20dB below the official limit are not reported.
3. **The worst emission was detected at 953.440MHz with corrected signal level of 28.44dBμV/m (Antenna height 1.25m; Turntable degree 117°)**
4. **0° was the table front facing the antenna. Degree is calculated from 0° clockwise facing the antenna.**

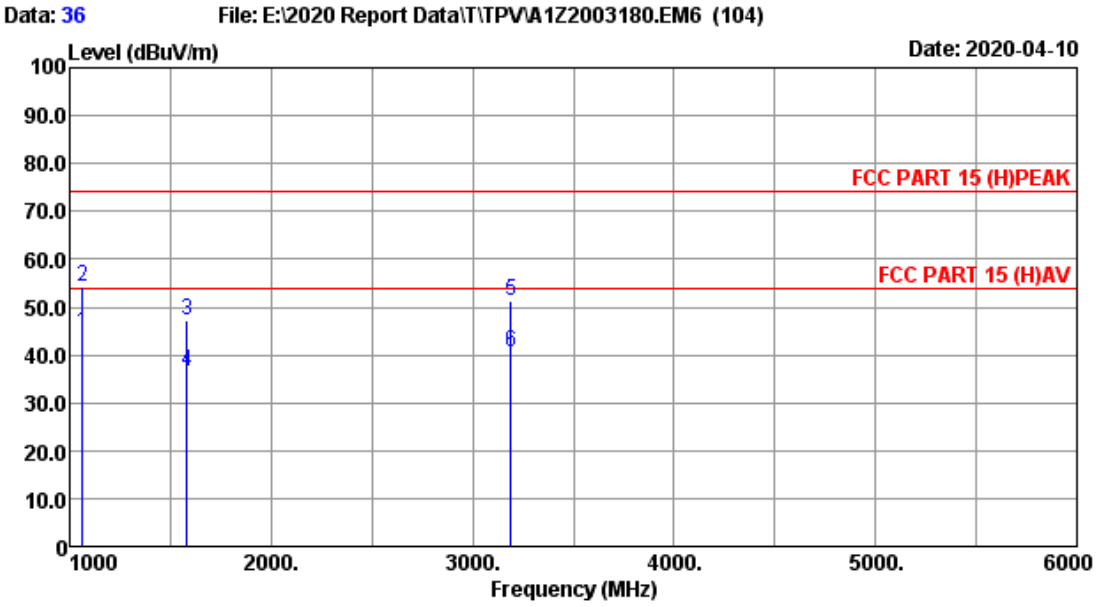


Site no. : 10m Chamber
Dis. / Ant. : 10m 2019 VULB9168-710
Limit : CISPR 22B(10M)
Env. / Ins. : 22.3*C/53%
EUT : 16T2
Power rating : AC 120V/60Hz
Test Mode : HDMI to USB:1920*1080@60Hz

Data no. : 13
Ant. pol. : VERTICAL
Pressure : 101.6kPa
Engineer : Johnny

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	127.000	17.50	1.51	-3.84	15.17	30.00	14.83	QP
2	163.860	19.10	1.71	1.27	22.08	30.00	7.92	QP
3	296.750	19.04	2.39	0.30	21.73	37.00	15.27	QP
4	445.160	22.90	3.04	3.08	29.02	37.00	7.98	QP
5	814.730	28.40	4.50	-4.21	28.69	37.00	8.31	QP
6	940.830	29.32	4.92	-3.50	30.74	37.00	6.26	QP*

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.
2. The emission levels that are 20dB below the official limit are not reported.
3. **The worst emission was detected at 940.830MHz with corrected signal level of 30.74dBμV/m (Antenna height 3.97m; Turntable degree 233°)**
4. **0° was the table front facing the antenna. Degree is calculated from 0° clockwise facing the antenna.**

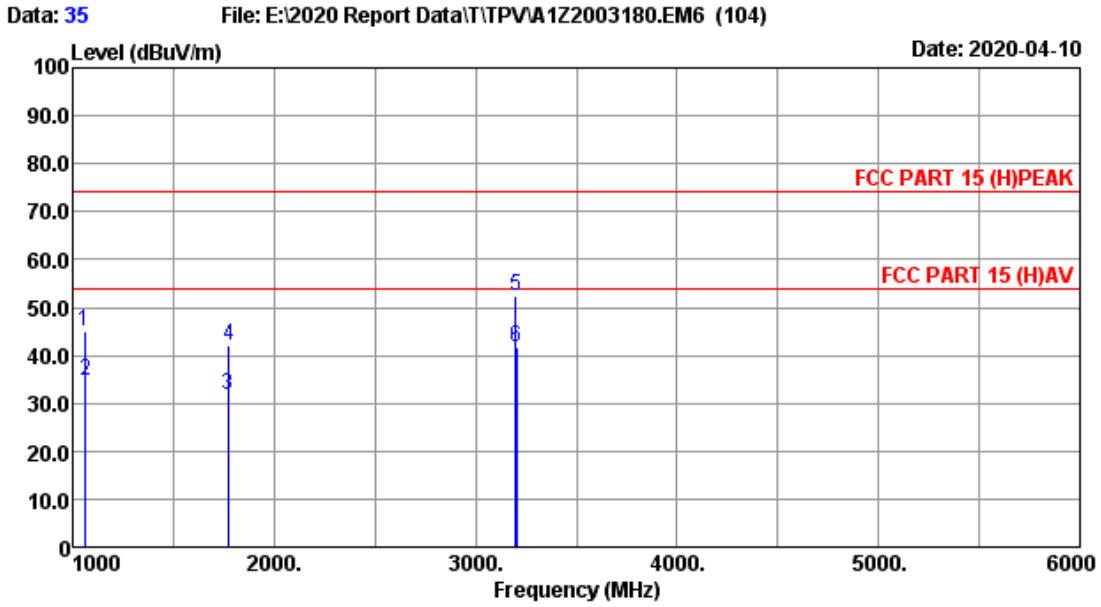


Site no. : 10m Chamber
Dis. / Ant. : 3m 2019 3117
Limit : FCC PART 15 (H)PEAK
Env. / Ins. : 22.3*C/53%
EUT : 16T2
Power rating : AC 120V/60Hz
Test Mode : HDMI to USB:1920*1080@60Hz

Data no. : 36
Ant. pol. : HORIZONTAL
Pressure : 101.5kPa
Engineer : Fire

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	AMP factor (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	1062.146	28.33	2.41	35.41	49.26	44.59	54.00	9.41	Average
2	1065.634	28.33	2.41	35.41	59.04	54.37	74.00	19.63	Peak
3	1580.749	28.50	2.91	33.99	49.89	47.31	74.00	26.69	Peak
4	1582.185	28.50	2.91	33.99	39.26	36.68	54.00	17.32	Average
5	3190.749	32.95	4.22	31.97	45.94	51.14	74.00	22.86	Peak
6	3192.185	32.95	4.22	31.97	35.23	40.43	54.00	13.57	Average

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading -Amp Factor
2. The emission levels that are 20dB below the official limit are not reported.



Site no. : 10m Chamber
Dis. / Ant. : 3m 2019 3117
Limit : FCC PART 15 (H)PEAK
Env. / Ins. : 22.3*C/53%
EUT : 16T2
Power rating : AC 120V/60Hz
Test Mode : HDMI to USB:1920*1080@60Hz

Data no. : 35
Ant. pol. : VERTICAL
Pressure : 101.5kPa
Engineer : Fire

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	AMP factor (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	1060.226	28.33	2.41	35.41	49.64	44.97	74.00	29.03	Peak
2	1062.637	28.33	2.41	35.41	39.18	34.51	54.00	19.49	Average
3	1772.668	29.82	3.10	33.46	32.18	31.64	54.00	22.36	Average
4	1775.328	29.94	3.11	33.42	42.51	42.14	74.00	31.86	Peak
5	3200.187	32.95	4.22	31.97	47.37	52.57	74.00	21.43	Peak
6	3202.186	32.97	4.23	31.96	36.48	41.72	54.00	12.28	Average

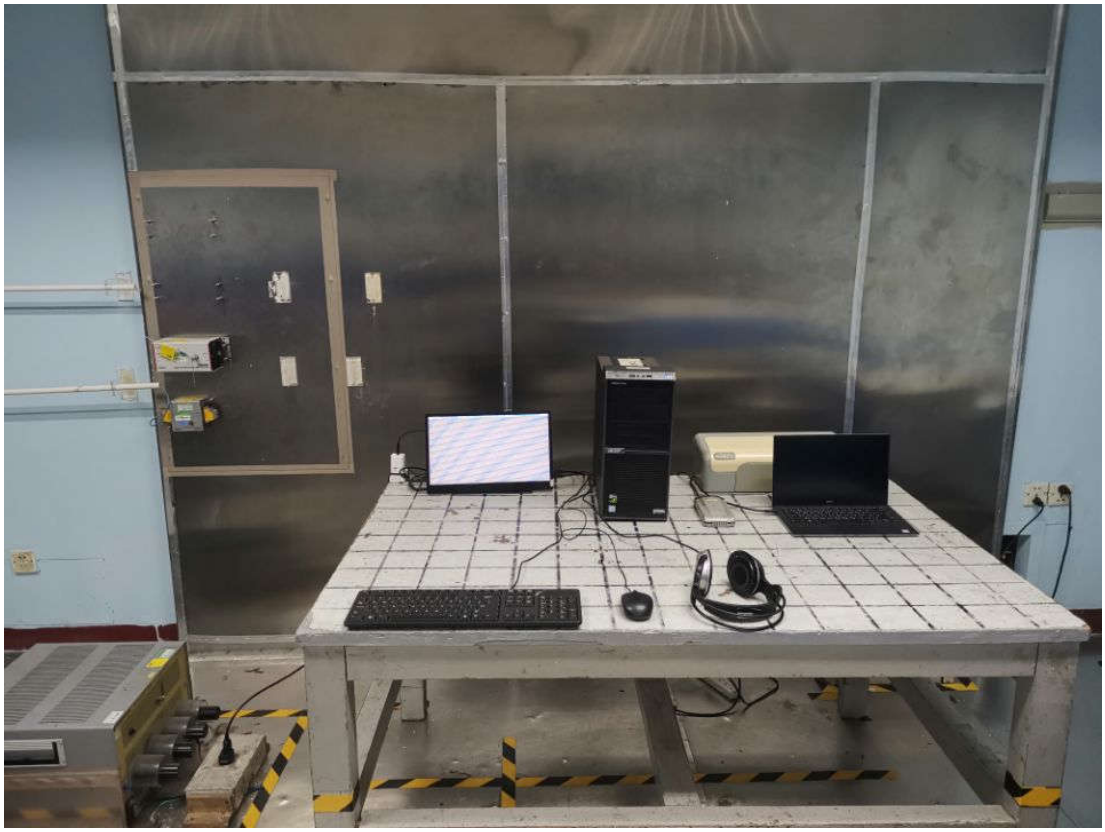
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading -Amp Factor
2. The emission levels that are 20dB below the official limit are not reported.

5. DEVIATION TO TEST SPECIFICATIONS

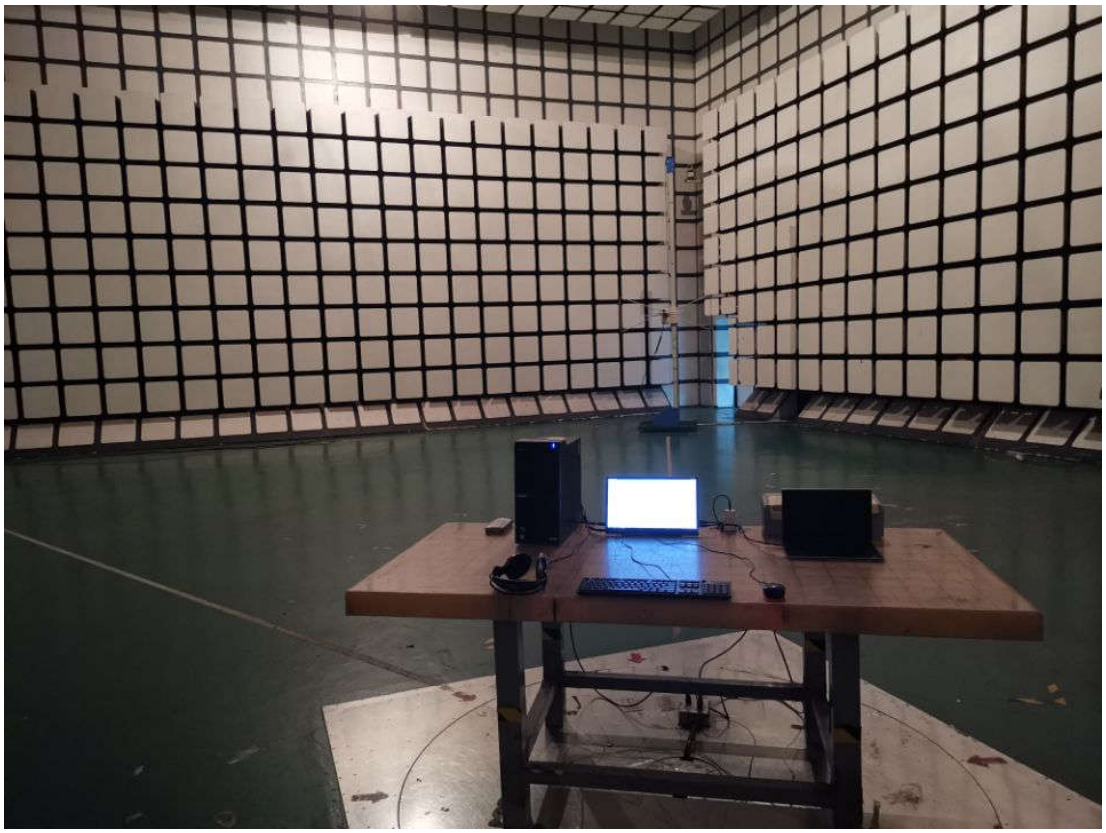
[NONE]

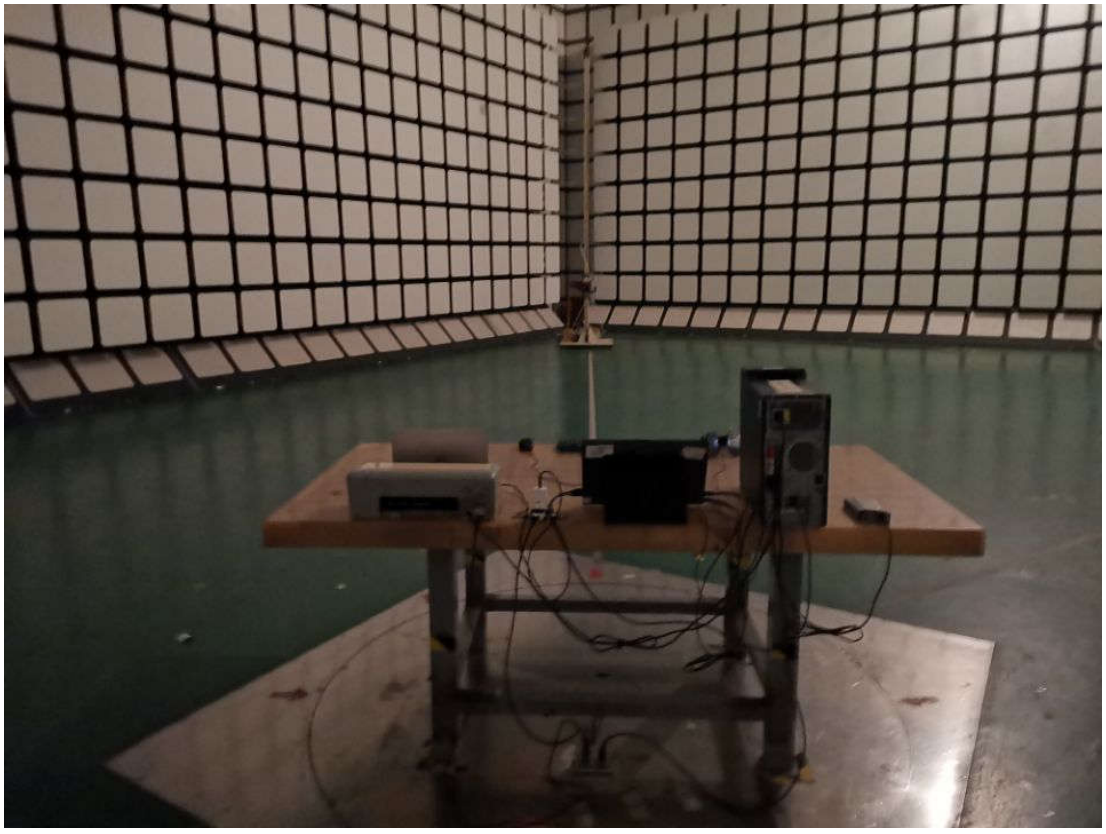
6. PHOTOGRAPH

6.1.Photos of Power Line Conducted Emission Measurement

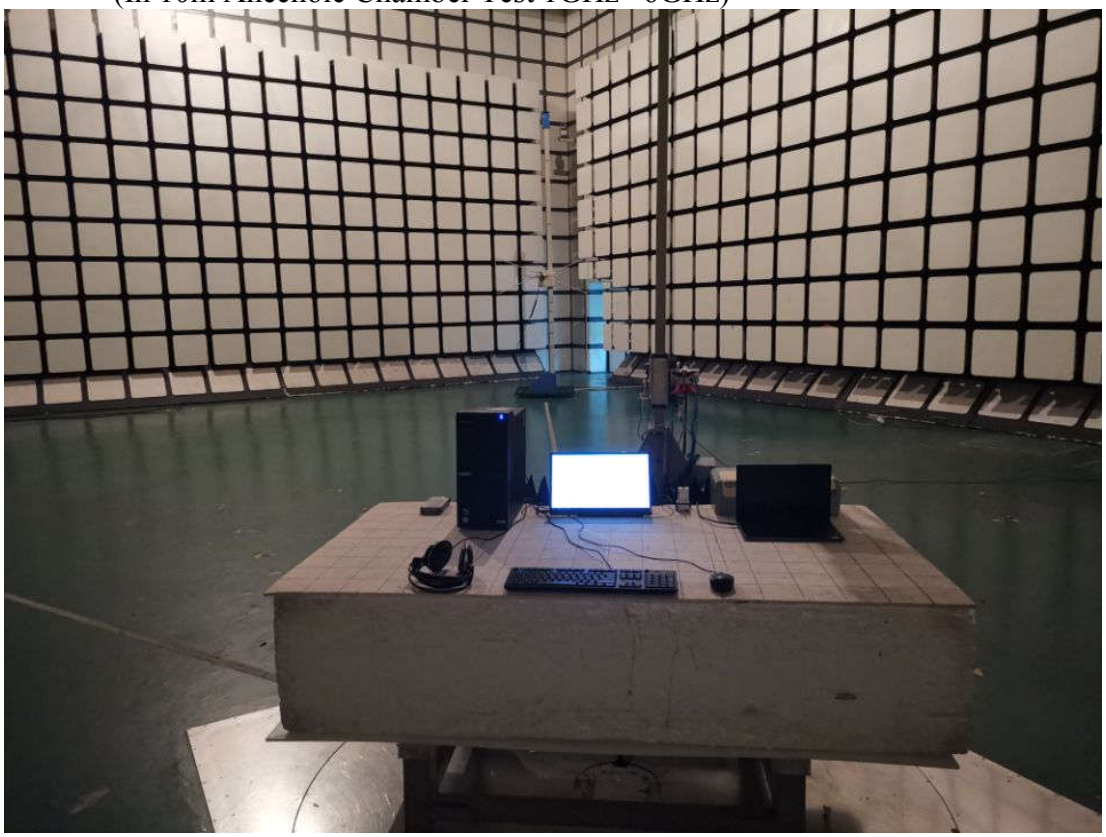


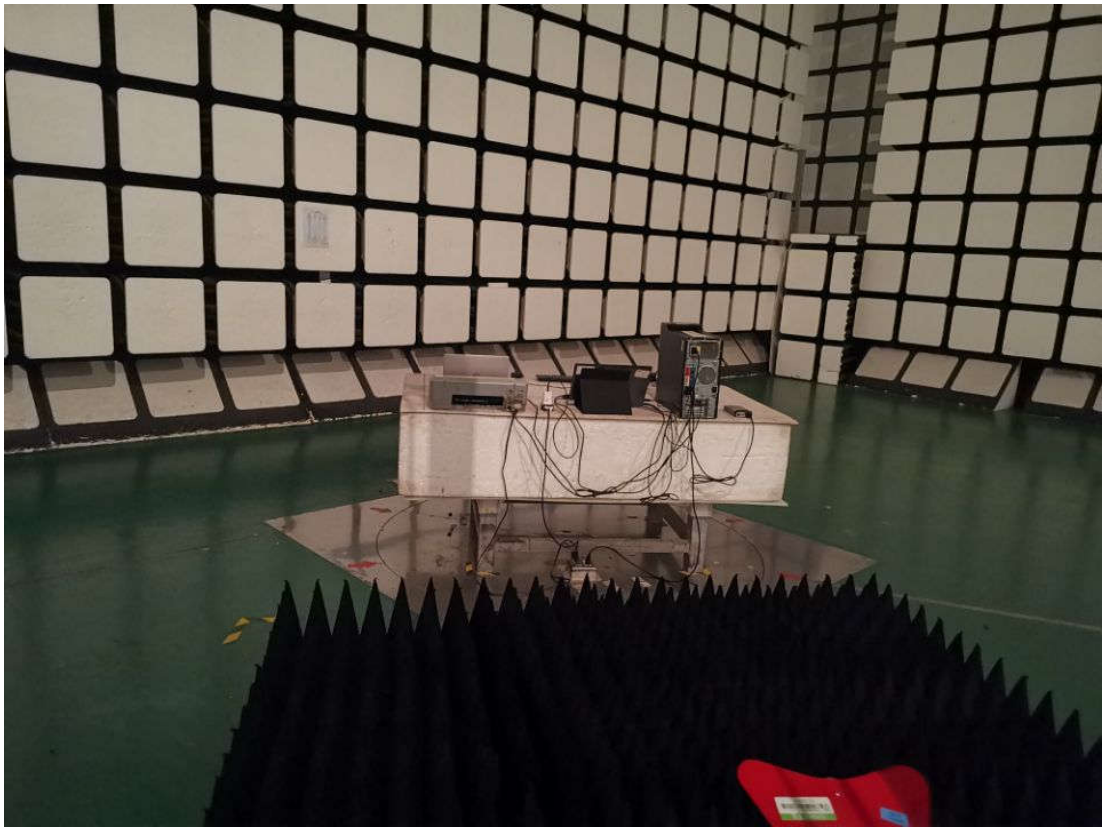
6.2. Photos of Radiated Emission Test (In 10m Anechoic Chamber)





(In 10m Anechoic Chamber Test 1GHz –6GHz)





THE END