

Technical Compliance Statement

FCC Test Report

For the following information Ref. File No.: A1Z2508099

Product : LCD Monitor
Model No. : 27M2N3***** (*=0-9,A-Z,a-z,+,-,/,\ or blank)
Brand : PHILIPS
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
ANSI C63.4: 2014+ANSI C63.4a: 2017
(Class B Limits)

We hereby certify that the above product has been tested by us and complied with above FCC standard limits. The test was performed according to the procedures ANSI C63.4: 2014+ANSI C63.4a: 2017. The equipment might be marketed in US in accordance with the rules of 47 CFR FCC Part 2 regulations.

The test data and results are issued on the test report **ACS-F25227**.

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



Date: Sep.30, 2025

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.: 27M2N3***** (*=0-9,A-Z,a-z,+,-,/,\ or blank)

Brand: PHILIPS

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
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Report Number : ACS-F25227
Date of Test : Sep.08~28, 2025
Date of Report : Sep.30, 2025

The test report 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.

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

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TEST REPORT

Applicant : TPV Electronics (FuJian) Co., Ltd.
 Product : LCD Monitor
 Brand : PHILIPS
 Model No. : 27M2N3***** (*=0-9,A-Z,a-z,+,-,/,\ or blank)
 Report No. : ACS-F25227
 Power Supply : AC 100-240V, 50/60Hz
 Test Voltage : AC 120V/60Hz

Rules of Compliance and Applicable Standards:

47 CFR FCC Part 15 Subpart B, Class B Limits
 ANSI C63.4: 2014+ANSI C63.4a: 2017

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 regulations.

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

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.

This report applies to single evaluation of one sample of above mentioned products. This report shall not be reproduced in parts without written approval of Audix Technology (Shenzhen) Co., Ltd.

Date of Test: Sep.08~28, 2025 Date of Report: Sep.30, 2025

Prepared by: Olivia Liu Reviewed by: Fire Zhang
 Olivia Liu / Assistant Fire Zhang / Assistant Manager

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: Sunny Lu
 Sunny Lu / Manager

Approved & Authorized Signer:

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	47 CFR FCC Part 15 Subpart B ANSI C63.4: 2014+ANSI C63.4a: 2017	PASS	Minimum passing margin is 21.32dB at 0.154MHz
Radiated emission (30MHz-1000MHz)	47 CFR FCC Part 15 Subpart B ANSI C63.4: 2014+ANSI C63.4a: 2017	PASS	Minimum passing margin is 4.11dB at 194.900MHz
Radiated emission (1GHz-18GHz)	47 CFR FCC Part 15 Subpart B ANSI C63.4: 2014+ANSI C63.4a: 2017	PASS	Minimum passing margin is 14.25dB at 16498.120MHz

Note: Measurement uncertainty affection to the result is not considered, the EUT is technically compliant with standard requirements.

2. GENERAL INFORMATION

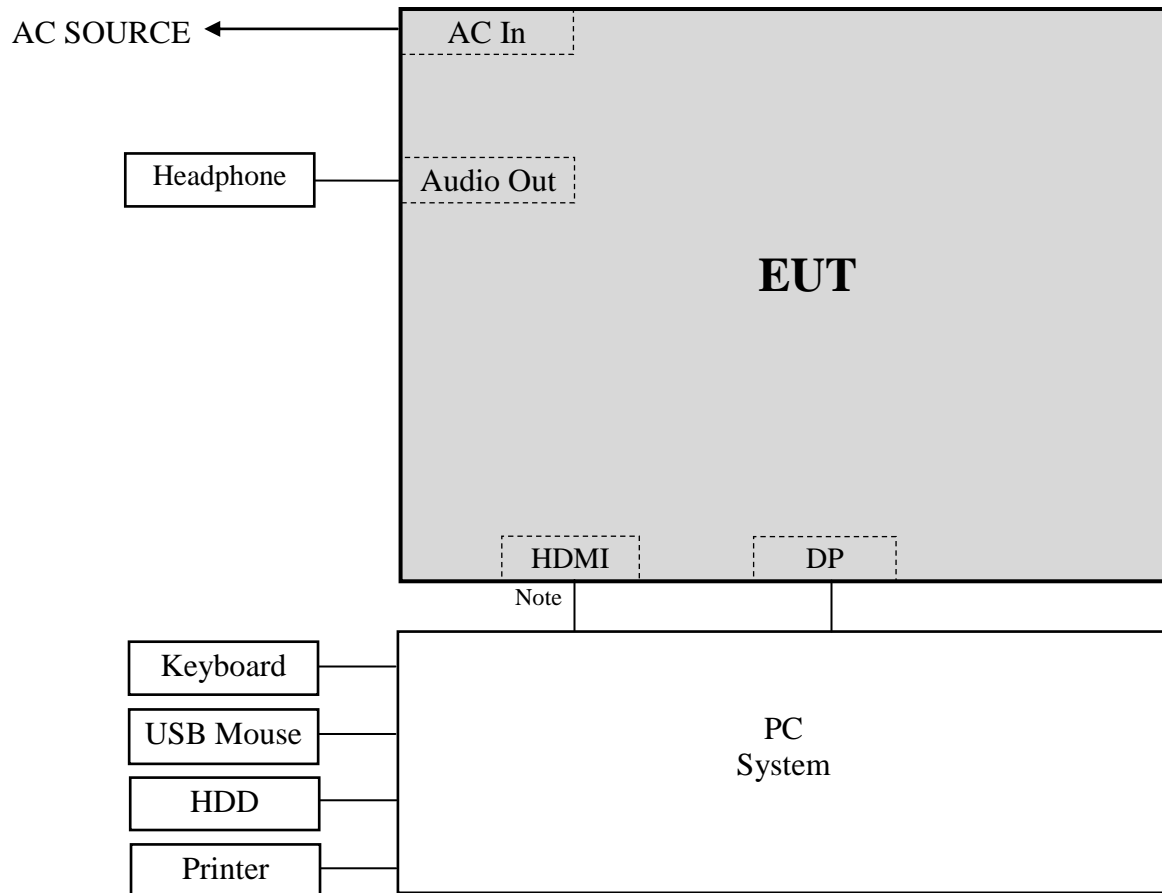
2.1. Description of Device (EUT) (Provided by the applicant)

Product	: LCD Monitor
Applicant Model No.	: 27M2N3***** (*=0-9,A-Z,a-z,+,-,/,\ or blank)
Test Model	: 27M2N3500F
Brand	: PHILIPS
Applicant	: TPV Electronics (FuJian) Co., Ltd. Rongqiao Economic and Technological Development Zone, Fuqing City, Fujian Province, P.R. China
Max. Resolution	: 2560*1440@144Hz
Max.Work Frequency	: 592MHz
I/O Port	: (1) One AC In Port (2) One HDMI Port (3) One DP Port (4) One Audio out Port
AC Cord	: Unshielded, Detachable, 1.8m/1.5m(3C)
HDMI Cable	: Shielded, Detachable, 1.8m/1.5m
DP Cable	: Shielded, Detachable, 1.8m/1.5m
Date of Test	: Sep.08~28, 2025
Date of Receipt	: Aug.21, 2025
Sample Type	: Prototype production

2.2. Tested Supporting System Details

No.	Description	ACS No.	Manufacturer	Model	Serial Number
1.	Personal Computer (For CE/RE Test)	---	ASUS	S502MER	S7PFT00F24028H
		Power Cord(3C): Unshielded, Detachable, 1.8m HDMI Cable: Shielded, Detachable, 1.8m			
2.	USB Keyboard	ACS-EMC-K03R	DELL	SK-8120	CN-ODJ365-71616-2 BE-0DCE-A00
		USB Cable: Shielded, Undetachable, 1.8m			
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(2C): Unshielded, Detachable, 1.8m			
5.	DVD	---	Pioneer	DV-310NC-K	---
		Power Cord(2C): Unshielded, Detachable, 1.5m			
6.	HDD	ACS-EMC-HDD33	WD	WD My Book Studio	WCAV5C987862
		Data Cable: Shielded, Detachable, 1.8m			
7.	Headphone	ACS-EMC-EP01	OVANN	0V-T880V	---
		Data Cable: Shielded, Detachable, 2.0m			

2.3. Block Diagram of Test Setup



**Note: PC Mode, DVD Mode can not link the HDMI port at the same time.
(EUT: LCD Monitor)**

2.4. Method of Exercising EUT

Operating System	Windows 10 of PC system
Test Program	BurnIn Test V10.2
Video Signal (Display Image)	“H” pattern (Arial, 9; Black letters on white background)
Audio	1kHz signal playing
Other	Other peripheral devices were driven and operated in turn

Display and video parameters

Function	Setting
Hardware acceleration	Maximum
Screen settings	High/medium/low effective resolution
Color quality	Highest color bit depth
Brightness, contrast, color saturation	Set the contrast and color saturation to the maximum value. Set the brightness to the maximum value or the maximum value before the cursor disappears
Other	Adjusted to obtain a typical picture using settings giving the highest performance

2.5. 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. : Accredited by NVLAP, USA
 NVLAP Code: 200372-0
 Valid Date: Mar.31, 2026

Certificated by FCC, USA
 Designation No: CN5022
 Valid Date: Mar.31, 2026

Accredited by TAF, Taiwan
 Registration No: 1418
 Valid Date: Nov.30, 2026

2.6. 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)
	±3.8dB (30~200MHz, Polarization: V)
	±4.0dB (200M~1GHz, Polarization: H)
	±4.4dB (200M~1GHz, Polarization: V)
Uncertainty for Radiation Emission test in 10m chamber (1GHz-18GHz)	±4.4dB (1-6GHz, Distance: 3m)
	±4.6dB (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 and humidity and Pressure	±0.6°C
	±3%
	±1kPa

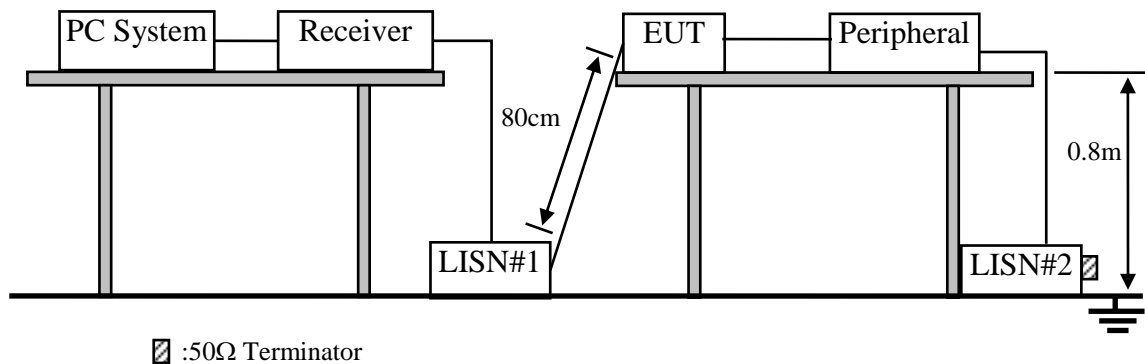
3. POWER LINE CONDUCTED EMISSION TEST

3.1. Test Equipments

Item	Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Cal. Interval
1.	2# Shielding Room (SE)	AUDIX	N/A	N/A	Sep.16,22	3 Year
2.	EMI Test Receiver	Rohde & Schwarz	ESCI	100843	Mar.10,25	1 Year
3.	L.I.S.N. #1	Rohde & Schwarz	ENV216	102834	Jun.09,25	1 Year
4.	L.I.S.N.#2	Kyoritsu	KNW-407	8-1636-1	Mar.10,25	1 Year
5.	RF Cable	eastsheep	EMCCFD300-B M-NM-2000	190421	Sep.13,24	1 Year
6.	Terminator	Hubersuhner	50Ω	No.4	Mar.10,25	1 Year
7.	Test Software	AUDIX	e3	6.100913a	N/A	N/A

Note: N/A means Not applicable.

3.2. Block Diagram of Test Setup



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 limits shall apply at the transition frequencies.

3. Emission Level (dBμV) = Factor (L.I.S.N.) (dB) + Cable Loss (dB)+Reading (Receiver) (dBμV)

3.4. 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 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 3.5.

3.5. Conducted Disturbance at Mains Terminals Test Results

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

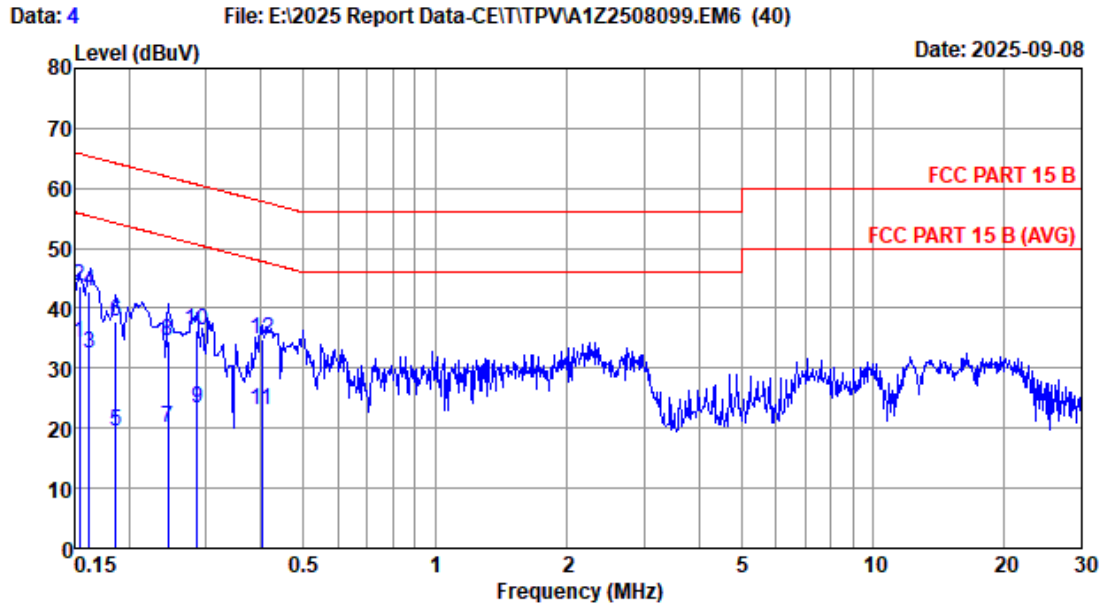
EUT: LCD Monitor Model No.: 27M2N3500F

The EUT with following test modes were pre-tested:

No.	Test Mode	Input Port	Cable Length	Resolution & Frequency
1.	PC Mode	DP	1.8m	640*480@60Hz
2.				1280*1024@75Hz
3.				2560*1440@144Hz
4.			1.5m	2560*1440@144Hz
5.		HDMI	1.8m	640*480@60Hz
6.				1280*1024@75Hz
7.				2560*1440@144Hz
8.	DVD Mode	HDMI	1.8m	Color Bar

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

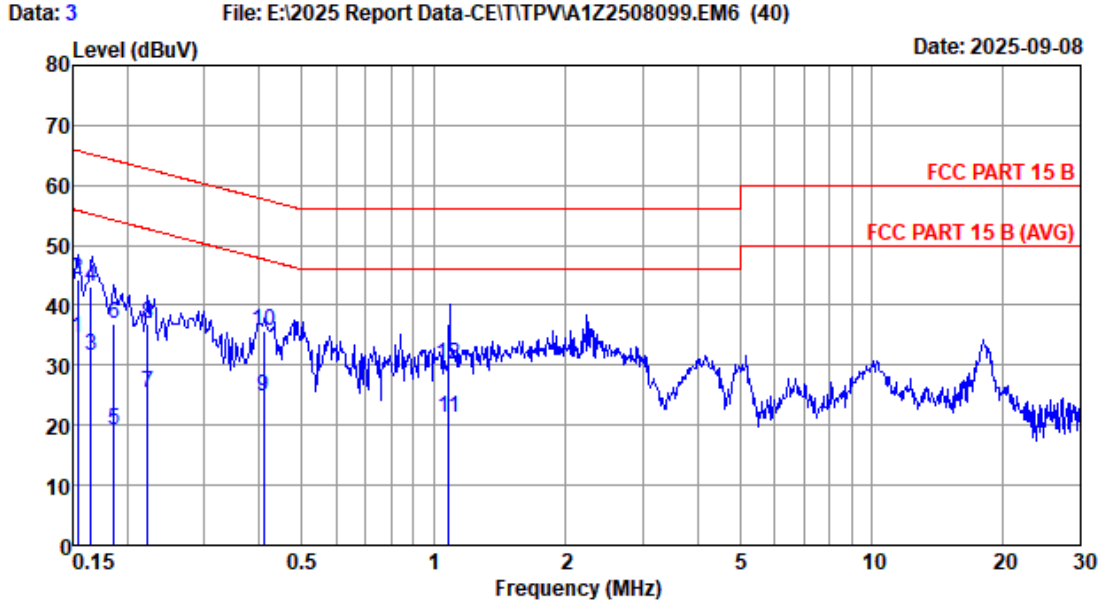
No.	Test Mode	Input Port	Cable Length	Resolution & Frequency	Reference Test Data No.	
					Line	Neutral
1.	PC Mode	DP	1.8m	2560*1440@144Hz	#4	#3



Site no	:2# Conduction	Data No	:4
Dis./Lisn	:2025 ENV216 0.15-30M	LISN phase:	LINE
Limit	:FCC PART 15 B	Pressure	:101.6kPa
Env./Ins.	:23.2*C/47%	Engineer	:Gavin
EUT	:M/N:27M2N3500F		
Power Rating	:AC 120V/60Hz		
Test Mode	:DP:2560*1440@144Hz		
	Line:1.8m		

No	Freq (MHz)	LISN Factor (dB)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuV)	Limits (dBuV)	Margin (dB)	Remark
1	0.154	9.62	0.01	24.50	34.13	55.78	21.65	Average
2	0.154	9.62	0.01	34.10	43.73	65.78	22.05	QP
3	0.162	9.62	0.01	22.90	32.53	55.36	22.83	Average
4	0.162	9.62	0.01	33.10	42.73	65.36	22.63	QP
5	0.186	9.63	0.01	9.80	19.44	54.21	34.77	Average
6	0.186	9.63	0.01	28.20	37.84	64.21	26.37	QP
7	0.245	9.62	0.01	10.30	19.93	51.92	31.99	Average
8	0.245	9.62	0.01	25.00	34.63	61.92	27.29	QP
9	0.286	9.62	0.01	13.60	23.23	50.64	27.41	Average
10	0.286	9.62	0.01	26.60	36.23	60.64	24.41	QP
11	0.401	9.60	0.01	13.30	22.91	47.83	24.92	Average
12	0.401	9.60	0.01	25.20	34.81	57.83	23.02	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	Data No	:3
Dis./Lisn	:2025 ENV216 0.15-30M	LISN phase	:NEUTRAL
Limit	:FCC PART 15 B	Pressure	:101.6kPa
Env./Ins.	:23.2°C/47%	Engineer	:Gavin
EUT	:M/N:27M2N3500F		
Power Rating	:AC 120V/60Hz		
Test Mode	:DP:2560*1440@144Hz		
	Line:1.8m		

No	Freq (MHz)	LISN Factor (dB)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuV)	Limits (dBuV)	Margin (dB)	Remark
1	0.154	9.65	0.01	24.80	34.46	55.78	21.32	Average
2	0.154	9.65	0.01	34.50	44.16	65.78	21.62	QP
3	0.165	9.65	0.01	21.90	31.56	55.21	23.65	Average
4	0.165	9.65	0.01	33.50	43.16	65.21	22.05	QP
5	0.186	9.65	0.01	9.40	19.06	54.21	35.15	Average
6	0.186	9.65	0.01	27.20	36.86	64.21	27.35	QP
7	0.222	9.64	0.01	15.60	25.25	52.74	27.49	Average
8	0.222	9.64	0.01	27.30	36.95	62.74	25.79	QP
9	0.410	9.60	0.01	15.30	24.91	47.65	22.74	Average
10	0.410	9.60	0.01	26.10	35.71	57.65	21.94	QP
11	1.080	9.60	0.02	11.70	21.32	46.00	24.68	Average
12	1.080	9.60	0.02	20.50	30.12	56.00	25.88	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 TEST

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	Aug.08,25	3 Year
2.	10m Chamber(SE)	AUDIX	N/A	N/A	Sep.14,25	3 Year
3.	Signal Analyzer	Rohde & Schwarz	FSV30	103669	Sep.15,25	1 Year
4.	Signal Analyzer	Rohde & Schwarz	FSV30	103670	Jun.09,25	1 Year
5.	EMI Test Receiver	Rohde & Schwarz	ESR3	102891	Sep.15,25	1 Year
6.	Amplifier	EMCI	EMC9135	980348	Dec.12,24	1 Year
7.	Amplifier	EM	EM101	060951	Mar.10,25	1 Year
8.	RF Cable	EMCI	EMCCFD400-N M-NM-2500	No.4+190413	Mar.10,25	1 Year
9.	RF Cable	SPUMA	CFD400-NM-N M	160727+160728	Mar.10,25	1 Year
10.	Coaxial Switch	Anritsu	MP59B	6201397220	Mar.10,25	1 Year
11.	Coaxial Switch	Anritsu	MP59B	6201397221	Mar.10,25	1 Year
12.	Coaxial Switch	Anritsu	MP59B	6201397224	Mar.10,25	1 Year
13.	Test Software	AUDIX	e3	6.100913a	N/A	N/A
14.	Tri-log-Broadband Antenna	Schwarzbeck	VULB 9168	493	Jan.20,25	1 Year
15.	Tri-log-Broadband Antenna	SCHWARZBECK	VULB 9168	01317	Nov.22,24	1 Year

Note: N/A means Not applicable.

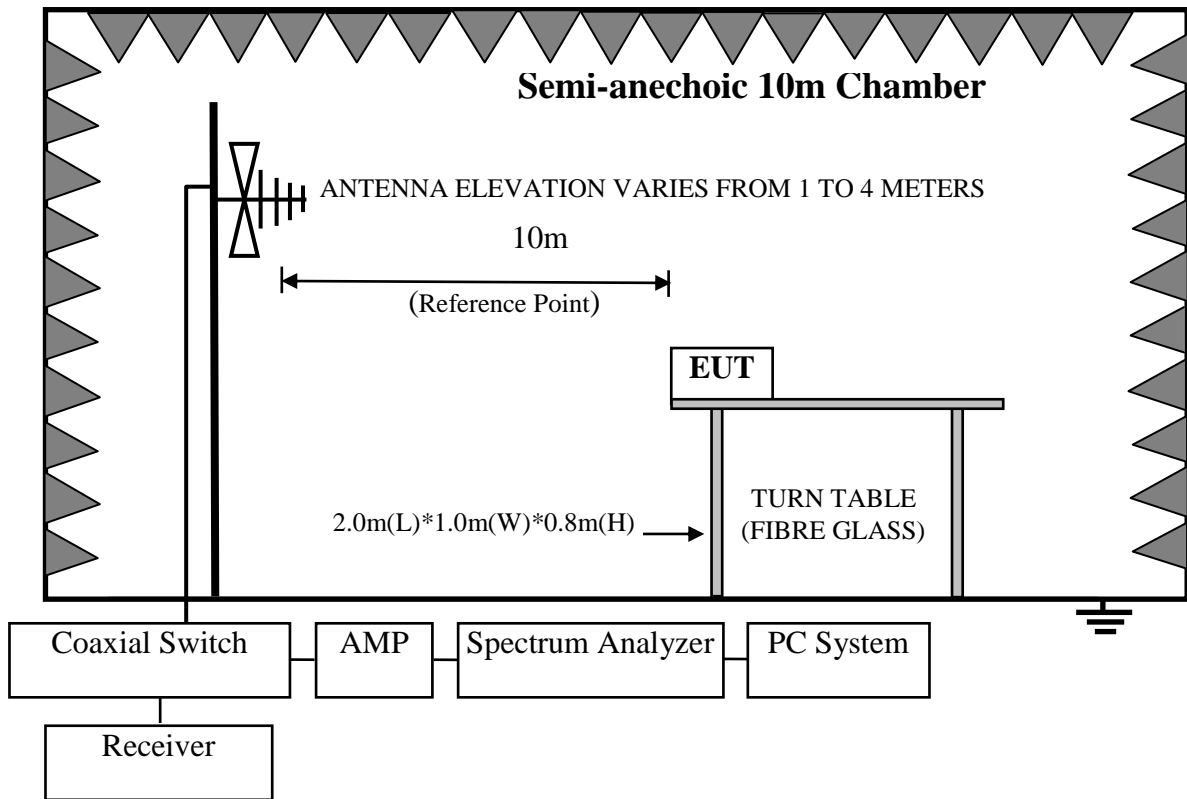
4.1.2. For frequency range above 1GHz (In 10m Anechoic Chamber)

Item	Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Cal. Interval
1.	10m Chamber(Svswr)	AUDIX	N/A	N/A	Aug.03,25	3 Year
2.	10m Chamber(SE)	AUDIX	N/A	N/A	Sep.14,25	3 Year
3.	Signal Analyzer	Rohde & Schwarz	FSV30	103669	Sep.15,25	1 Year
4.	Amplifier	EMCI	EMC0518A45 SE	980965	Aug.07,25	1 Year
5.	RF Cable	TIMES MICROWAVE	SFT205-SMN M-6M	20231214-0001	Aug.07,25	1 Year
6.	Test Software	AUDIX	e3	6.100913a	N/A	N/A
7.	Horn Antenna	ETS	3117	00218552	Mar.05,25	1 Year

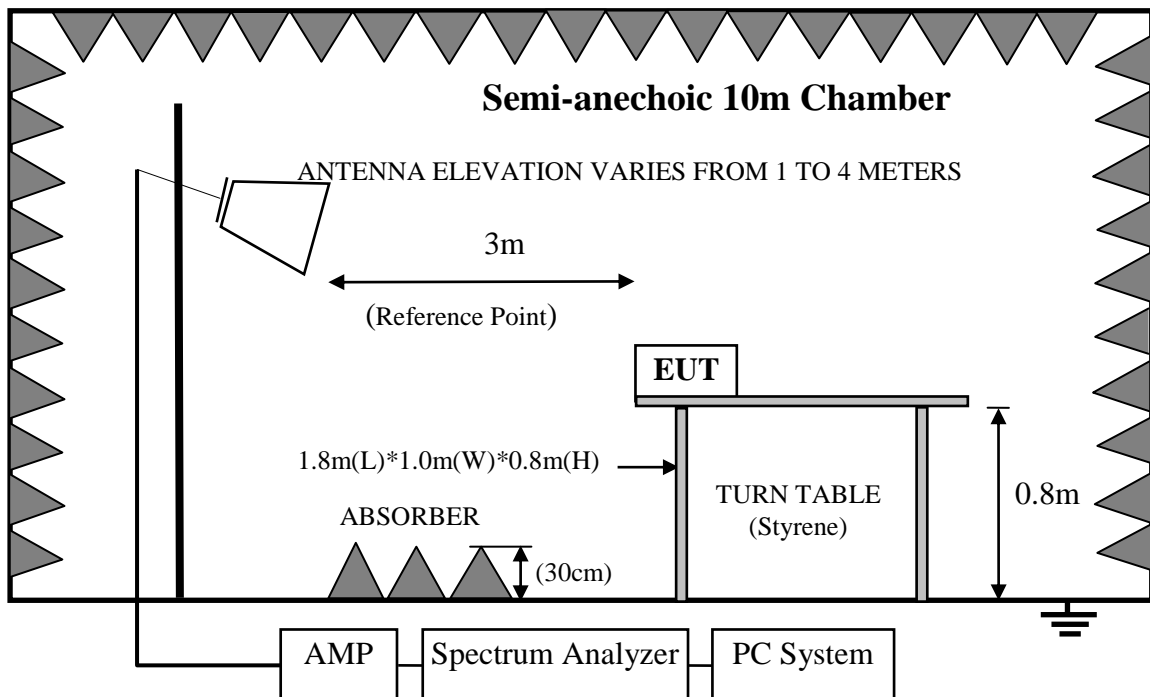
Note: N/A means Not applicable.

4.2. Block Diagram of Test Setup

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



4.2.2. For frequency range above 1GHz (In 10m Anechoic Chamber)



4.3. Radiated Emission Limits

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, 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 (dBμV/m) = Reading (Receiver) (dBμV) + Antenna Factor (dB/m) + Cable Loss (dB)
 Emission Level (dBμV/m) = Reading (Spectrum) (dBμV) + Antenna Factor (dB/m) – Amp Factor (dB) + Cable Loss (dB)(above 1000MHz)
 (2) The lower limits shall apply at the transition frequencies.

4.4. 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 on radiated emission test.

The bandwidth setting on the test receiver is 120kHz.

The resolution bandwidth of the Signal Analyzer 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 18GHz 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 4.5.

4.5. Radiated Disturbance Test Results

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

EUT: LCD Monitor Model No.: 27M2N3500F

For frequency range 30MHz~1000MHz

The EUT with following test modes were pre-tested:

No.	Test Mode	Input Port	Cable Length	Resolution & Frequency
1.	PC Mode	HDMI	1.8m	640*480@60Hz
2.				1280*1024@75Hz
3.				1920*1080@60Hz
4.				2560*1440@144Hz
5.			1.5m	2560*1440@144Hz
6.		DP	1.8m	640*480@60Hz
7.				1280*1024@75Hz
8.				1920*1080@60Hz
9.				2560*1440@144Hz
10.		DVD Mode	HDMI	1.8m

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

No.	Test Mode	Input Port	Cable Length	Resolution & Frequency	Reference Test Data No.	
					Line	Neutral
1.	PC Mode	HDMI	1.8m	2560*1440@144Hz	#102	#101

For frequency range 1GHz~18GHz

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

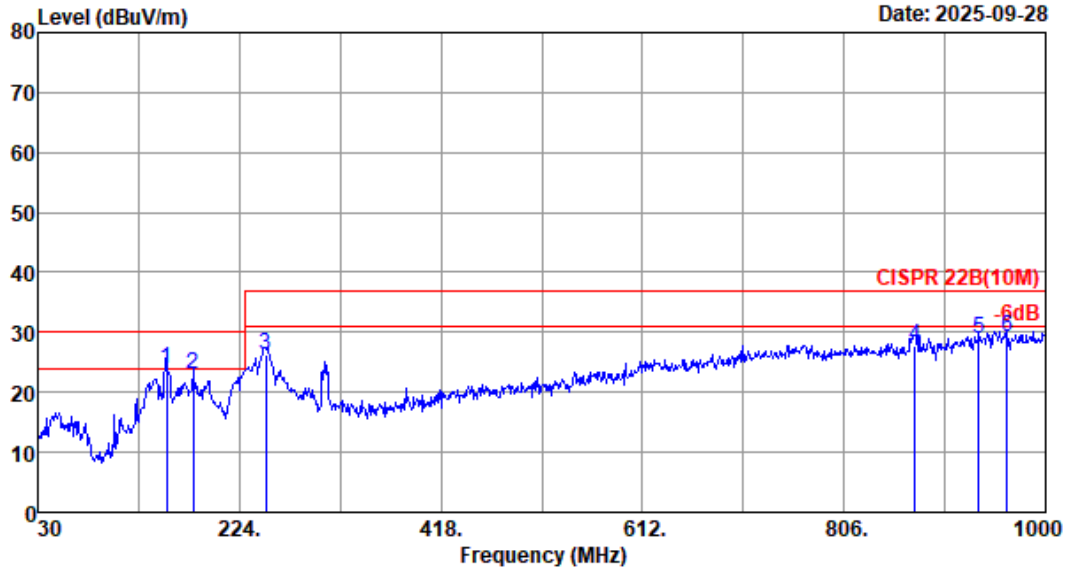
The EUT with following test modes were pre-tested:

No.	Test Mode	Input Port	Cable Length	Resolution & Frequency
1.	PC Mode	HDMI	1.8m	1280*1024@75Hz
2.				1920*1080@60Hz
3.				2560*1440@144Hz
4.		DP	1.8m	2560*1440@144Hz
5.				1280*1024@75Hz
6.				1920*1080@60Hz
7.				2560*1440@144Hz
8.	DVD Mode	HDMI	1.8m	Color Bar

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

No.	Test Mode	Input Port	Cable Length	Resolution & Frequency	Reference Test Data No.	
					Line	Neutral
1.	PC Mode	HDMI	1.8m	2560*1440@144Hz	#10	#9

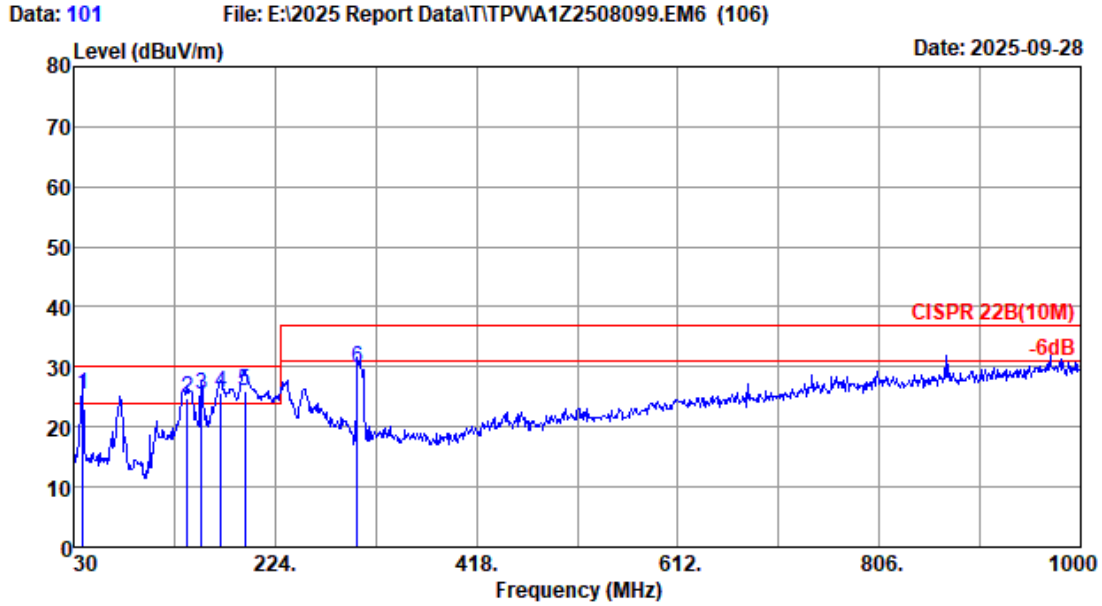
Data: 102 File: E:\2025 Report Data\TTPVIA1Z2508099.EM6 (106) Date: 2025-09-28



Site no.	: 10M Chamber	Data no.	: 102
Dis. / Ant.	: 10m 2024 VULB9168-01317	Ant. pol.	: HORIZONTAL
Limit	: CISPR 22B(10M)	Pressure	: 100.5kPa
Env. / Ins.	: 24.4°C/55%	Engineer	: Cinder
EUT	: M/N:27M2N3500F		
Power rating	: AC 120V/60Hz		
Test Mode	: HDMI:2560*1440@144Hz		
	Line:1.8m		

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	154.160	19.20	1.56	3.20	23.96	30.00	6.04	QP*
2	179.380	17.56	1.74	3.87	23.17	30.00	6.83	QP
3	249.220	17.77	2.11	6.47	26.35	37.00	10.65	QP
4	873.900	28.68	4.73	-5.74	27.67	37.00	9.33	QP
5	935.980	29.50	4.87	-5.41	28.96	37.00	8.04	QP
6	963.140	29.64	4.94	-5.43	29.15	37.00	7.85	QP

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.
 2. The worst emission was detected at 154.160MHz with corrected signal level of 23.96dBuV/m (Antenna height 2.66m; Turntable degree 223°)
 3. 0° was the table front facing the antenna. Degree is calculated from 0° clockwise facing the antenna.

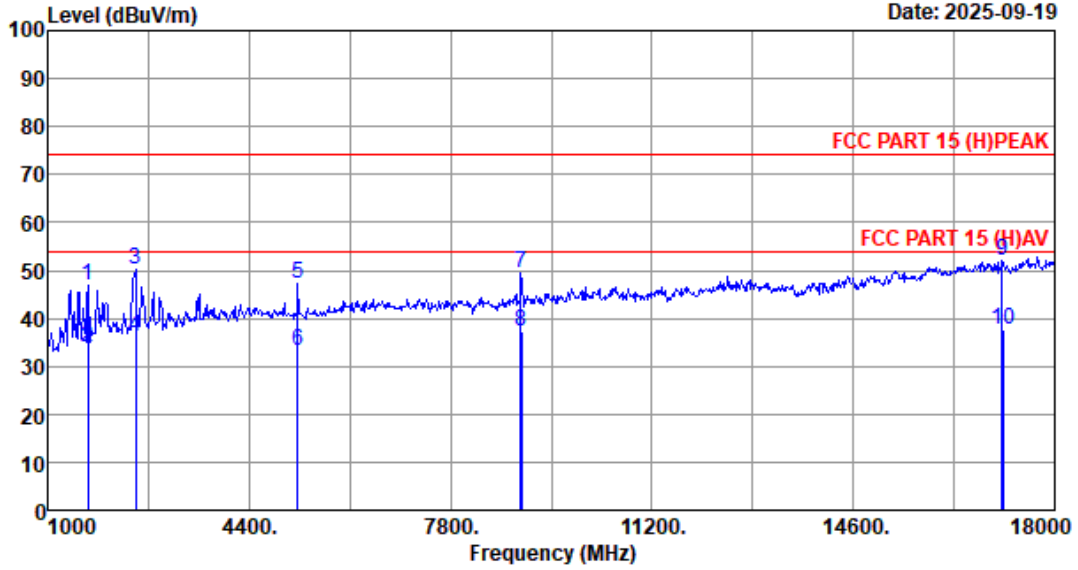


Site no. : 10M Chamber	Data no. : 101
Dis. / Ant. : 10m 2025 VULB9168 493	Ant. pol. : VERTICAL
Limit : CISPR 22B(10M)	Pressure : 100.5kPa
Env. / Ins. : 24.4°C/55%	Engineer : Cinder
EUT : M/N:27M2N3500F	
Power rating : AC 120V/60Hz	
Test Mode : HDMI:2560*1440@144Hz	
Line:1.8m	

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	38.730	19.30	0.94	5.19	25.43	30.00	4.57	QP
2	139.610	18.86	1.75	4.14	24.75	30.00	5.25	QP
3	153.190	19.30	1.83	4.30	25.43	30.00	4.57	QP
4	171.620	18.24	1.95	5.50	25.69	30.00	4.31	QP
5	194.900	16.40	2.09	7.40	25.89	30.00	4.11	QP*
6	303.540	19.44	2.78	7.51	29.73	37.00	7.27	QP

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.
 2. The worst emission was detected at 194.900MHz with corrected signal level of 25.89dBuV/m (Antenna height 2.33m; Turntable degree 236°)
 3. 0° was the table front facing the antenna. Degree is calculated from 0° clockwise facing the antenna.

Data: 10 File: E:\2025 Report Data\TTPVIA1Z2508099.EM6 (106) Date: 2025-09-19

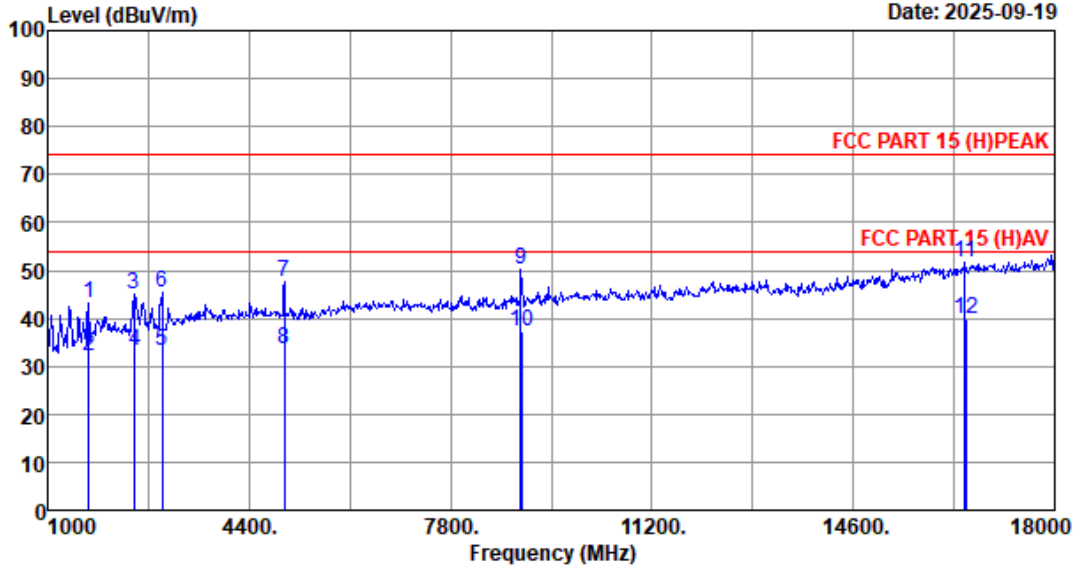


Site no.	: 10M Chamber	Data no.	: 10
Dis. / Ant.	: 3m 2025 3117	Ant. pol.	: HORIZONTAL
Limit	: FCC PART 15 (H) PEAK	Pressure	: 100.5kPa
Env. / Ins.	: 22.3*C/49%	Engineer	: Fire
EUT	: M/N:27M2N3500F		
Power rating	: AC 120V/60Hz		
Test Mode	: HDMI:2560*1440@144Hz		
	Line:1.8M		

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	1680.000	28.80	2.28	46.30	62.18	46.96	74.00	27.04	Peak
2	1685.120	28.80	2.28	46.32	49.12	33.88	54.00	20.12	Average
3	2479.000	32.13	2.79	47.02	62.19	50.09	74.00	23.91	Peak
4	2485.120	32.13	2.79	47.02	48.21	36.11	54.00	17.89	Average
5	5216.000	34.10	4.11	46.20	55.11	47.12	74.00	26.88	Peak
6	5218.450	34.10	4.11	46.20	41.10	33.11	54.00	20.89	Average
7	8990.000	36.10	5.90	46.79	54.19	49.40	74.00	24.60	Peak
8	8995.120	36.10	5.90	46.80	42.20	37.40	54.00	16.60	Average
9	17116.000	41.38	8.13	46.12	48.81	52.20	74.00	21.80	Peak
10	17125.120	41.37	8.14	46.11	34.39	37.79	54.00	16.21	Average

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading - Amp Factor

Data: 9 File: E:\2025 Report Data\TTPVIA1Z2508099.EM6 (106) Date: 2025-09-19



Site no.	: 10M Chamber	Data no.	: 9
Dis. / Ant.	: 3m 2025 3117	Ant. pol.	: VERTICAL
Limit	: FCC PART 15 (H) PEAK	Pressure	: 100.5kPa
Env. / Ins.	: 22.3°C/49%	Engineer	: Fire
EUT	: M/N:27M2N3500F		
Power rating	: AC 120V/60Hz		
Test Mode	: HDMI:2560*1440@144Hz		
	Line:1.8M		

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	1697.000	29.00	2.29	46.35	58.20	43.14	74.00	30.86	Peak
2	1698.120	29.00	2.29	46.35	47.20	32.14	54.00	21.86	Average
3	2462.000	31.97	2.78	47.03	57.21	44.93	74.00	29.07	Peak
4	2465.120	31.97	2.78	47.02	45.49	33.22	54.00	20.78	Average
5	2935.120	32.17	3.06	46.90	44.80	33.13	54.00	20.87	Average
6	2938.000	32.17	3.06	46.90	57.23	45.56	74.00	28.44	Peak
7	4995.000	34.10	4.00	46.06	55.63	47.67	74.00	26.33	Peak
8	4999.120	34.10	4.00	46.06	41.40	33.44	54.00	20.56	Average
9	8990.000	36.10	5.90	46.79	54.88	50.09	74.00	23.91	Peak
10	8998.120	36.10	5.90	46.80	42.25	37.45	54.00	16.55	Average
11	16487.000	41.67	7.89	46.35	48.62	51.83	74.00	22.17	Peak
12	16498.120	41.70	7.90	46.35	36.50	39.75	54.00	14.25	Average

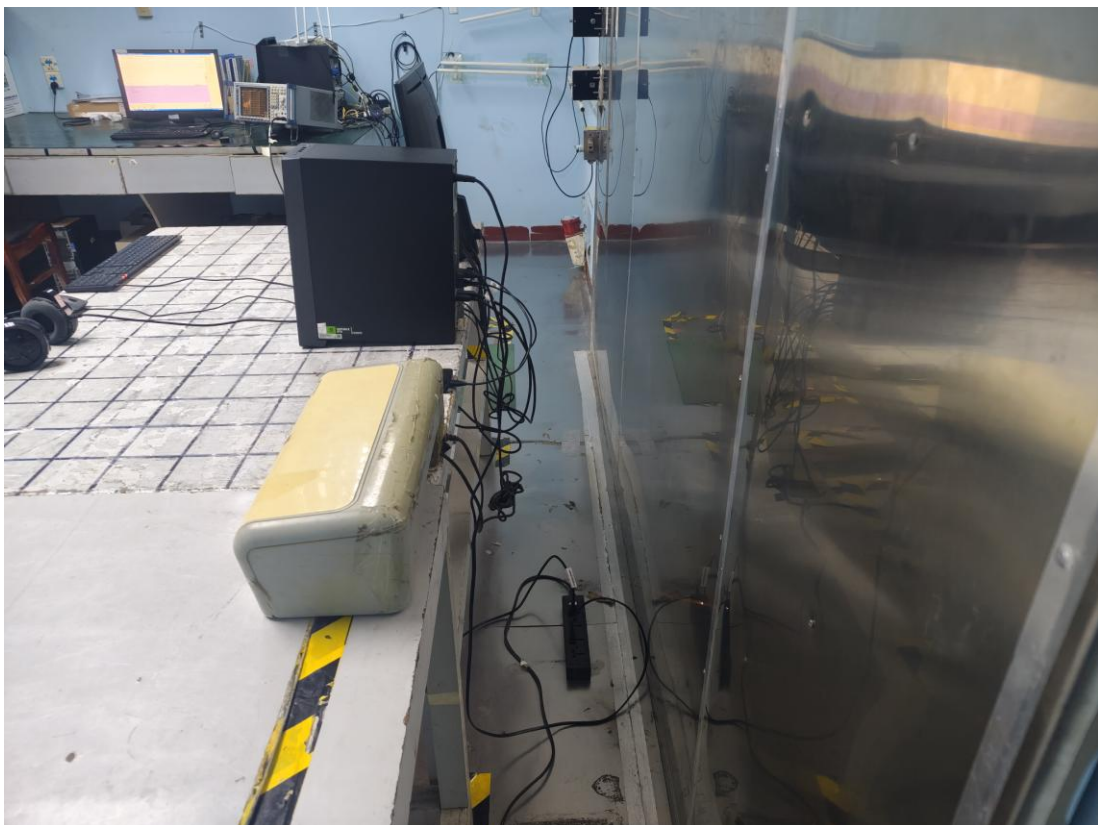
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading - Amp Factor

5. DEVIATION TO TEST SPECIFICATIONS

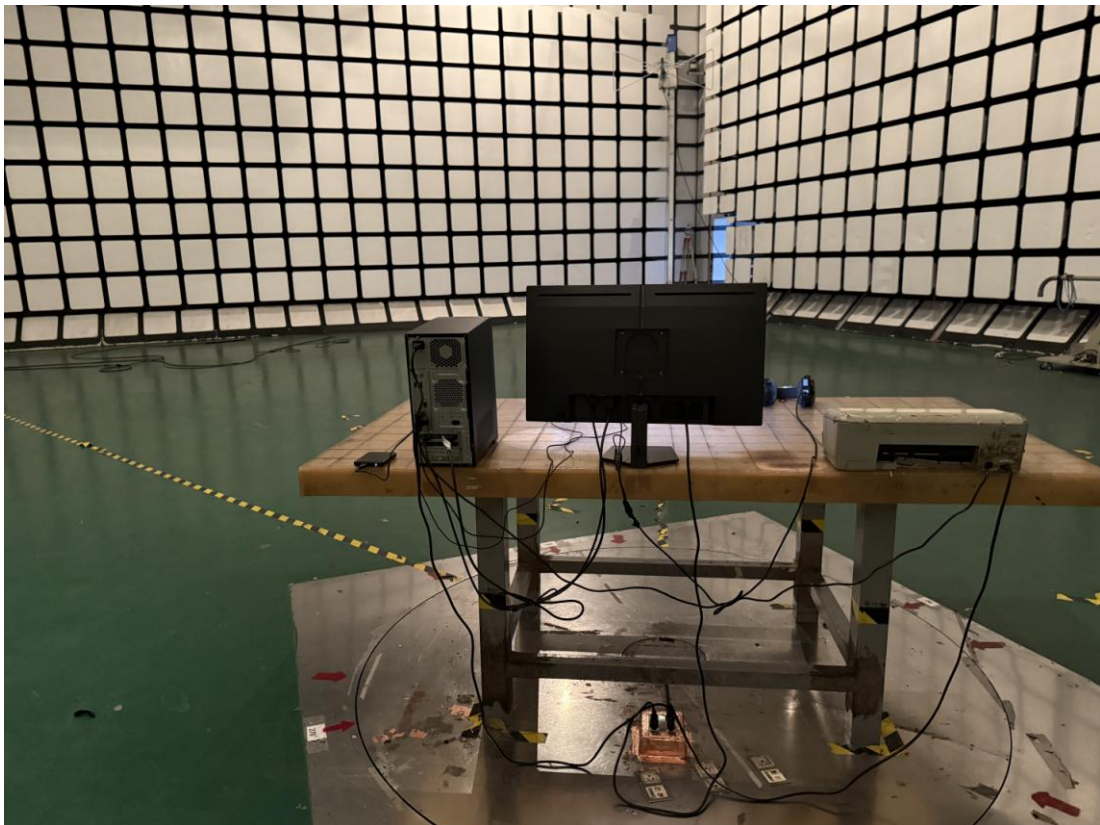
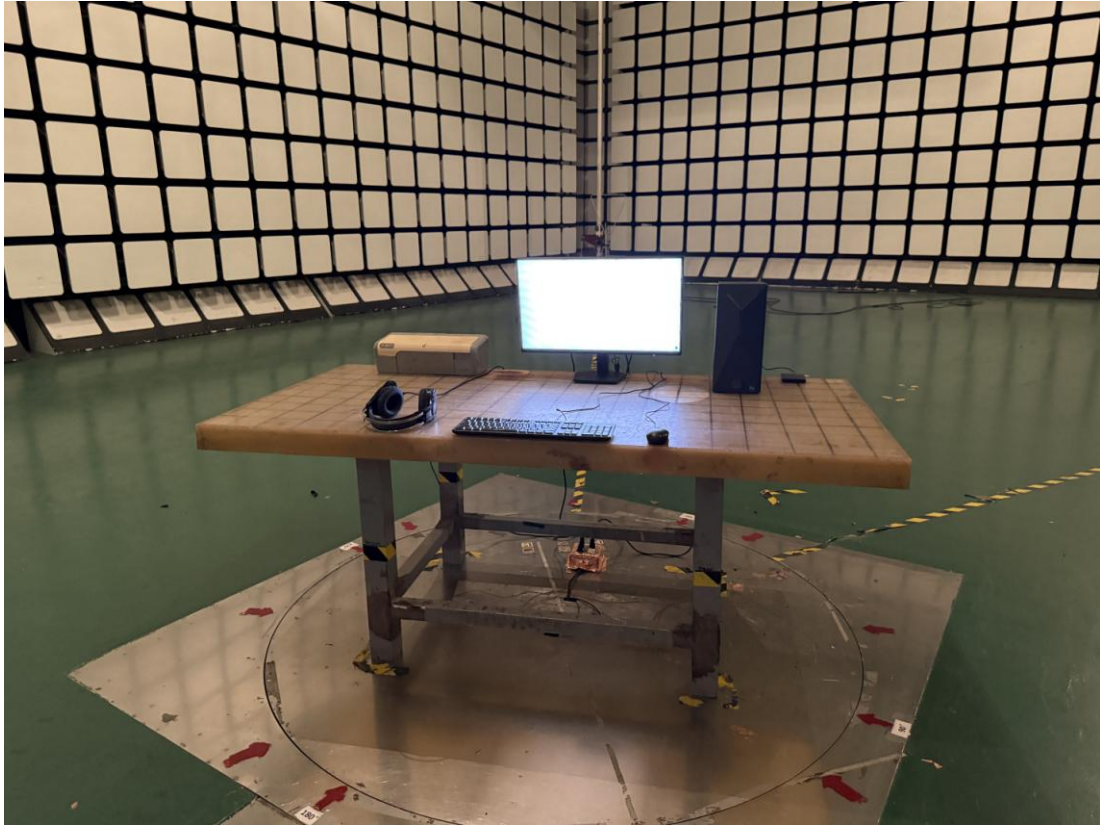
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6. PHOTOGRAPH

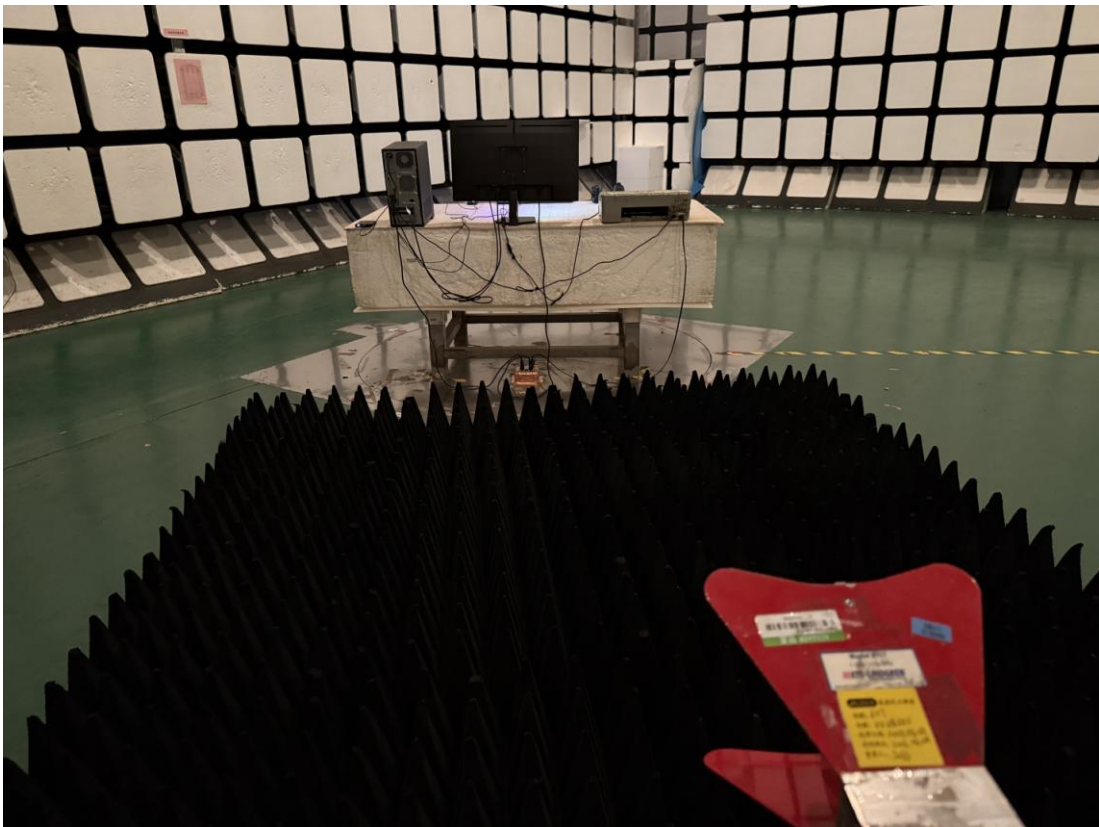
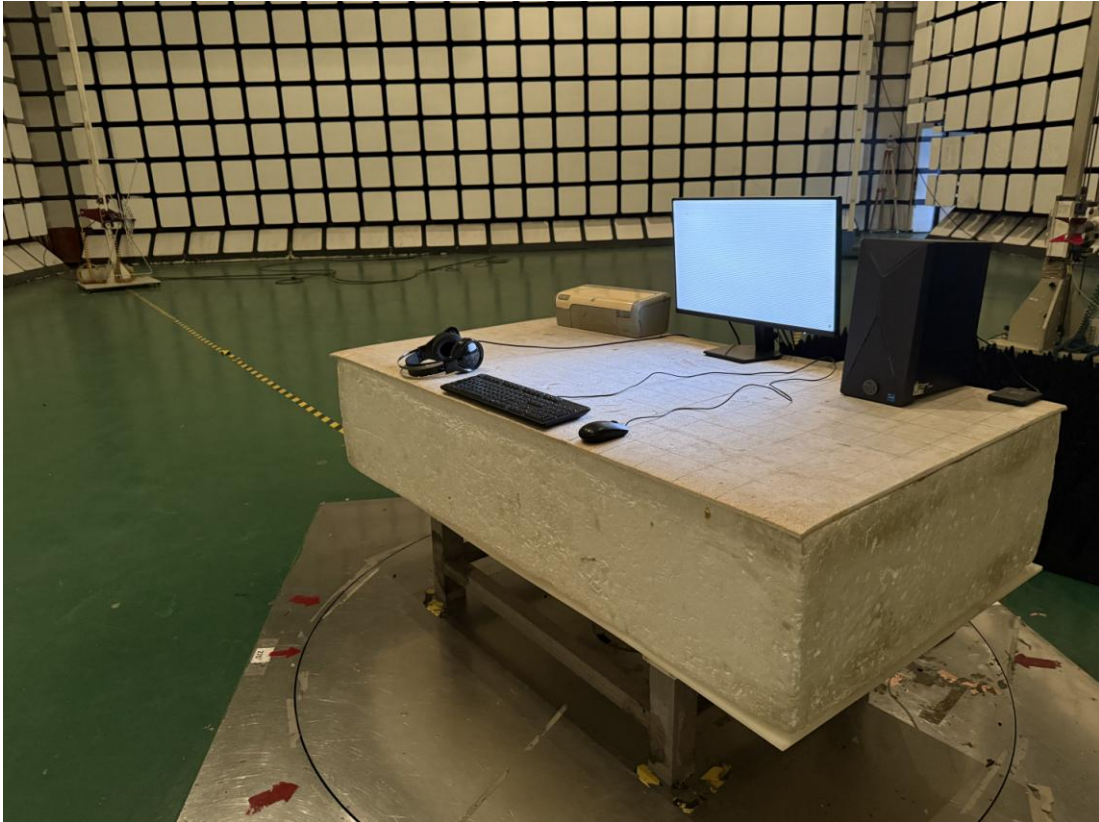
6.1. Photos of Power Line Conducted Emission Test



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



(In 10m Anechoic Chamber Test 1GHz –18GHz)



..... **THE END**