Technical Compliance Statement
FCC Test Report

For the following information Ref. File No.: A1Z2505117

Product	:	LCD Monitor
Model No.	:	CS24******; AG246****** (*=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 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-F25151.**

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

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

Signature:
(Sunny Lu / Manager)
Date: Jun.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.: CS24******; AG246****** (*=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
Fax: (0755) 26632877

TESTING
NVLAP LAB CODE 200372-0

Testing Laboratory
1418

Report Number	:	ACS-F25151
Date of Test	:	May.28~30, 2025
Date of Report	:	Jun.30, 2025

TABLE OF CONTENTS

TEST REPORT

Applicant	:	TPV Electronics (FuJian) Co., Ltd.
Product	:	LCD Monitor
Brand	:	AOC
Model No.	:	CS24******; AG246****** (*=0-9,A-Z,a-z,+,-,/,\ or blank)
Report No.	:	ACS-F25151
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 : May.28~30, 2025 Date of Report: Jun.30, 2025

Prepared by : Hally Qiu
Hally Qiu / Assistant

Reviewed by : Fire Zhang
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
Stamp only for EMC Dept. Report

Approved & Authorized Signer : Signature: Sunny Lu
Sunny Lu / 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	47 CFR FCC Part 15 Subpart B ANSI C63.4: 2014+ANSI C63.4a: 2017	PASS	Minimum passing margin is 14.62dB at 0.430MHz
Radiated emission (30MHz-1000MHz)	47 CFR FCC Part 15 Subpart B ANSI C63.4: 2014+ANSI C63.4a: 2017	PASS	Minimum passing margin is 4.26dB at 153.190MHz
Radiated emission (1GHz-18GHz)	47 CFR FCC Part 15 Subpart B ANSI C63.4: 2014+ANSI C63.4a: 2017	PASS	Minimum passing margin is 16.42dB at 12102.340MHz
Note: Measurement uncertainty affection to the result is not considered, the EUT is technically compliant with standard requirements.			

2. GENERAL INFORMATION

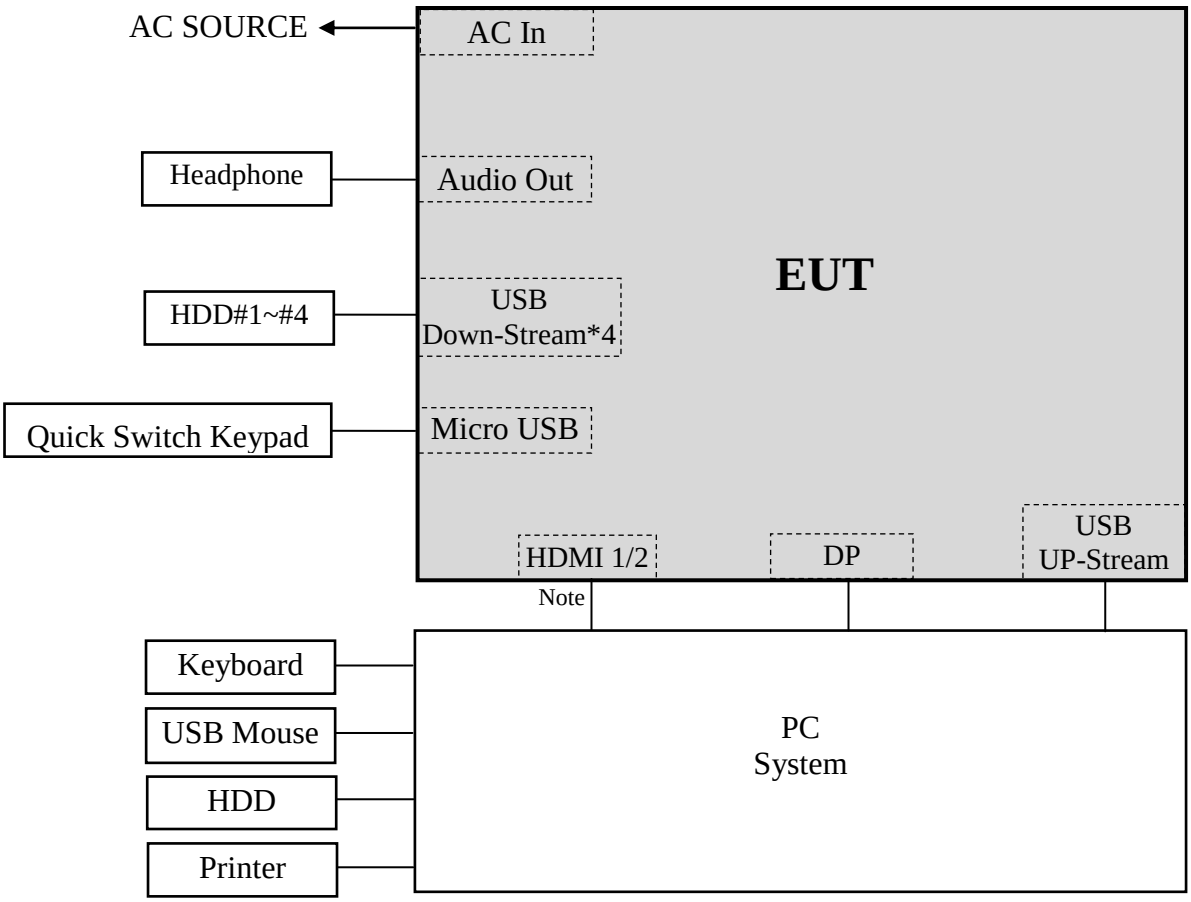
2.1.Description of Device (EUT)

Product	:	LCD Monitor
Applicant Model No.	:	CS24******; AG246****** (*=0-9,A-Z,a-z,+,-,/,\ or blank) Model differences (Declared by the Applicant): Above all models difference are in sale marketing
Test Model	:	CS24A
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@600Hz
Max.Work Frequency	:	1427.7MHz
I/O Port	:	(1)One AC In Port (2)Two HDMI Ports (3)One DP Port (4)One Audio Out Port (5)One Micro USB Port (6)One USB UP-Steam Port (7)Four USB Down-Stream Ports
Quick Switch Keypad	:	Manufacturer: Jiangsu Huitong Group Co., Ltd; M/N:SF20102 Shielded, Undetachable, 1.5m
CS Light FX Sync lighting	:	Manufacturer: Xiamen Guangpu Electronics Co., Ltd; M/N:GP6202 Shielded, Undetachable, 0.8m
Power Cord	:	Unshielded, Detachable, 1.8m/1.5m/1.2m (3 pins)
HDMI Cable	:	Shielded, Detachable, 1.8m/1.5m/1.2m
DP Cable	:	Shielded, Detachable, 1.8m/1.5m/1.2m
USB Cable	:	Shielded, Detachable, 1.8m/1.5m/1.2m
Date of Test	:	May.28~30, 2025
Date of Receipt	:	May.26, 2025
Sample Type	:	Prototype production

2.2. Tested Supporting System Details

No.	Description	ACS No.	Manufacturer	Model	Serial Number
1.	Personal Computer	---	ASUS	S502MER	S7PFT00F24028H
		Power Cord(3C): Unshielded, Detachable, 1.8m HDMI Cable: Shielded, Detachable, 1.8m Graphics Card: NVIDIA; M/N: NVIDIA RTX 5080			
2.	USB Keyboard	ACS-EMC-K03R	DELL	SK-8120	CN-ODJ365-71616-2BE-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	---	Canon	MG3080	---
		USB Cable: Shielded, Detachable, 1.8m Power Cord(2C): Unshielded, Detachable, 1.8m			
5.	HDD	ACS-EMC-HDD33	WD	WD My Book Studio	WCAV5C987862
		Data Cable: Shielded, Detachable, 1.8m			
6.	HDD#1	ACS-EMC-HDD34	WD	WD My Book Studio	WCAV4302542
		Data Cable: Shielded, Detachable, 0.4m			
7.	HDD#2	ACS-EMC-HDD35	WD	WD My Book Studio	WCAV5D02502
		Data Cable: Shielded, Detachable, 0.4m			
8.	HDD#3	ACS-EMC-HDD36	WD	WD My Book Studio	WCAV52038833
		Data Cable: Shielded, Detachable, 0.4m			
9.	HDD#4	ACS-EMC-HDD37	WD	WD My Book Studio	WCAV5C912667
		Data Cable: Shielded, Detachable, 0.4m			
10.	Headphone	ACS-EMC-EP01	OVANN	0V-T880V	---
		Data Cable: Shielded, Detachable, 2.0m			
11.	DVD	---	Pioneer	DV-310NC-K	---
		Power Cord(2C): Unshielded, Detachable, 1.5m			
12.	R Load	5V/1.5A			

2.3.Block Diagram of Test Setup(Worst Test)



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)	Standard Color bars image (DVD mode) or Scrolling H Pattern (PC mode) (Arial, 9. Black letters on white background)
Audio	1kHz signal playing
USB Port	Hard drive data read and write; Connect resistive load(5V/1.5A) Connect CS Light FX Sync lighting
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: Aug.03, 2025

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

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

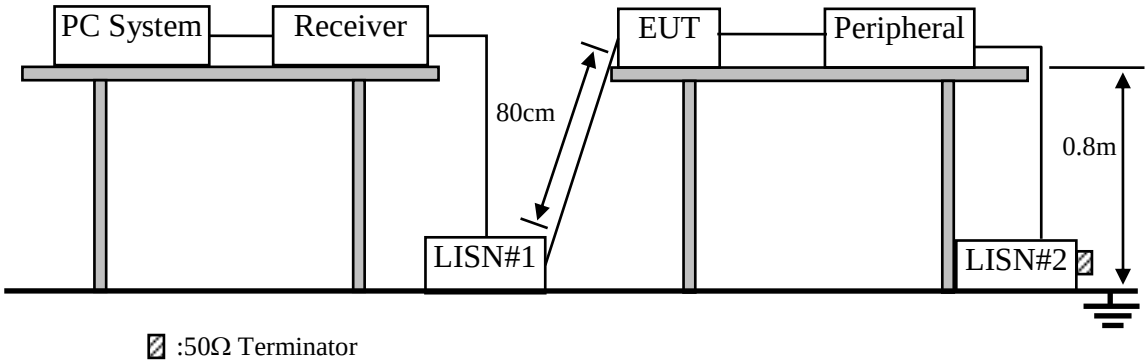
Test Item	Uncertainty
Uncertainty for Conduction emission test in No. 2 Conduction	±2.4dB (150kHz to 30MHz)
Uncertainty for Radiation Emission test in 10m chamber (Distance: 10m)	±3.8dB (30~200MHz, Polarization: H)
	±3.8dB (30~200MHz, Polarization: V)
	±4.0dB (200M~1GHz, Polarization: H)
	±4.4dB (200M~1GHz, Polarization: V)
Uncertainty for Radiation Emission test in 10m chamber (1GHz-18GHz)	±4.4dB (1-18GHz, Distance: 3m)
	±4.6dB (6-18GHz, Distance: 3m)
Uncertainty for S_{VSWR} in 10m Chamber	±2.8dB (1-18GHz,Distance: 3m)
	±2.8dB (6-18GHz,Distance: 3m)
Uncertainty for test site temperature and humidity and Pressure	±0.6℃
	±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.19,24	1 Year
4.	L.I.S.N.#2	Kyoritsu	KNW-407	8-1636-1	Mar.10,25	1 Year
5.	RF Cable	Eastsheep	KTR-141FEP-50	2501002	Jan.15,25	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.)

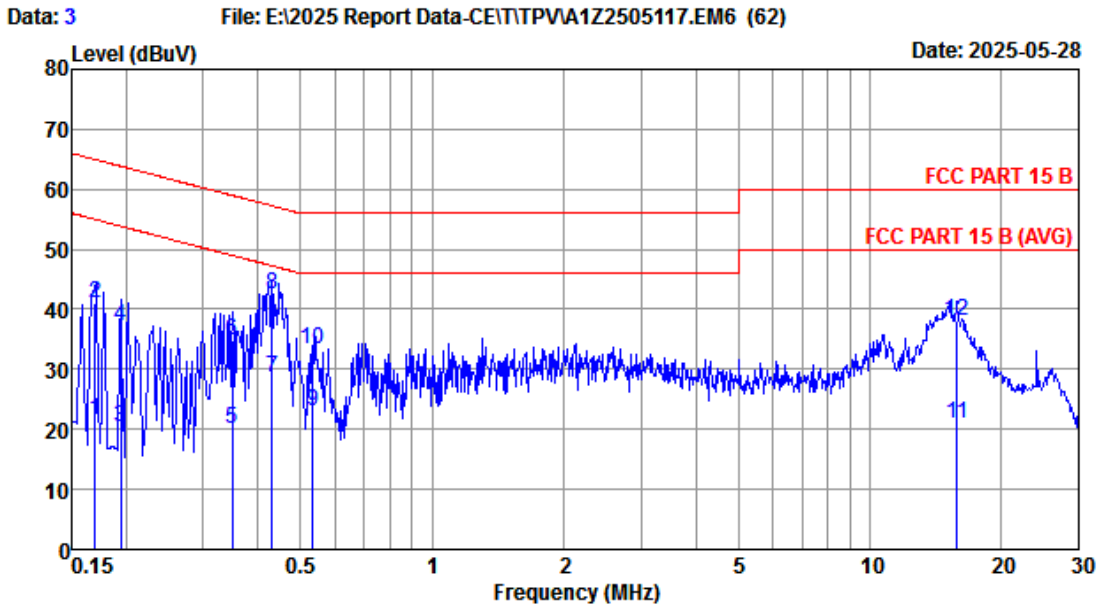
EUT: LCD Monitor **Model No. : CS24A**

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.				1920*1080@600Hz
4.				1080*1920@600Hz (Panel is Vertical) (+90°)
5.				1080*1920@600Hz (Panel is Vertical) (-90°)
6.				1920*1080@600Hz USB: R load(5V/1.5A)
7.				1920*1080@600Hz USB: CS Light FX Sync lighting
8.			1.5m	1920*1080@600Hz
9.			1.2m	1920*1080@600Hz
10.		HDMI1	1.8m	640*480@60Hz
11.				1280*1024@75Hz
12.				1920*1080@600Hz
13.		HDMI 2	1.8m	640*480@60Hz
14.				1280*1024@75Hz
15.				1920*1080@600Hz
16.	DVD Mode	HDMI 1	1.8m	Color Bar
17.		HDMI 2	1.8m	Color Bar
18.	PIP Mode	DP+ HDMI 1	1.8m	1920*1080@600Hz
19.	PBP Mode	DP+ HDMI 1	1.8m	960*1080@600Hz

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	1920*1080@600Hz	#3	#4

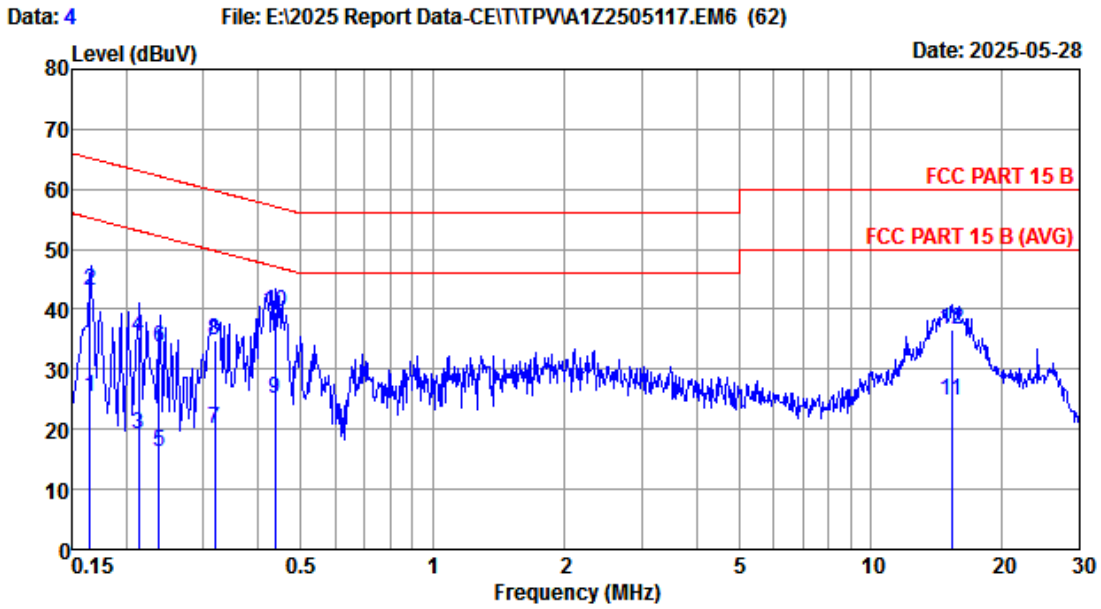


Site no :2# Conduction
Dis./Lisn :2024 ENV216 0.15-30M
Limit :FCC PART 15 B
Env./Ins. :23.5*C/55%
EUT :CS24A
Power Rating :AC 120V/60Hz
Test Mode :DP:1920*1080@600Hz
Line:1.8m

Data No :3
LISN phase:LINE
Pressure :101.6kPa
Engineer :Cinder

No	Freq (MHz)	LISN Factor (dB)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuV)	Limits (dBuV)	Margin (dB)	Remark
1	0.170	9.63	0.01	11.80	21.44	54.96	33.52	Average
2	0.170	9.63	0.01	31.50	41.14	64.96	23.82	QP
3	0.194	9.64	0.01	10.60	20.25	53.86	33.61	Average
4	0.194	9.64	0.01	27.50	37.15	63.86	26.71	QP
5	0.350	9.63	0.01	10.50	20.14	48.96	28.82	Average
6	0.350	9.63	0.01	25.10	34.74	58.96	24.22	QP
7	0.430	9.62	0.01	19.10	28.73	47.25	18.52	Average
8	0.430	9.62	0.01	33.00	42.63	57.25	14.62	QP
9	0.534	9.62	0.01	13.50	23.13	46.00	22.87	Average
10	0.534	9.62	0.01	23.80	33.43	56.00	22.57	QP
11	15.801	9.71	0.10	11.20	21.01	50.00	28.99	Average
12	15.801	9.71	0.10	28.20	38.01	60.00	21.99	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 :2024 ENV216 0.15-30M
Limit :FCC PART 15 B
Env./Ins. :23.5*C/55%
EUT :CS24A
Power Rating :AC 120V/60Hz
Test Mode :DP:1920*1080@600Hz
Line:1.8m

Data No :4
LISN phase:NEUTRAL
Pressure :101.6kPa
Engineer :Cinder

No	Freq (MHz)	LISN Factor (dB)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuV)	Limits (dBuV)	Margin (dB)	Remark
1	0.165	9.62	0.01	15.90	25.53	55.21	29.68	Average
2	0.165	9.62	0.01	33.40	43.03	65.21	22.18	QP
3	0.213	9.63	0.01	9.40	19.04	53.09	34.05	Average
4	0.213	9.63	0.01	25.90	35.54	63.09	27.55	QP
5	0.237	9.63	0.01	6.60	16.24	52.20	35.96	Average
6	0.237	9.63	0.01	24.10	33.74	62.20	28.46	QP
7	0.318	9.64	0.01	10.40	20.05	49.76	29.71	Average
8	0.318	9.64	0.01	25.20	34.85	59.76	24.91	QP
9	0.437	9.65	0.01	15.50	25.16	47.12	21.96	Average
10	0.437	9.65	0.01	30.00	39.66	57.12	17.46	QP
11	15.307	9.73	0.10	14.90	24.73	50.00	25.27	Average
12	15.307	9.73	0.10	26.70	36.53	60.00	23.47	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)

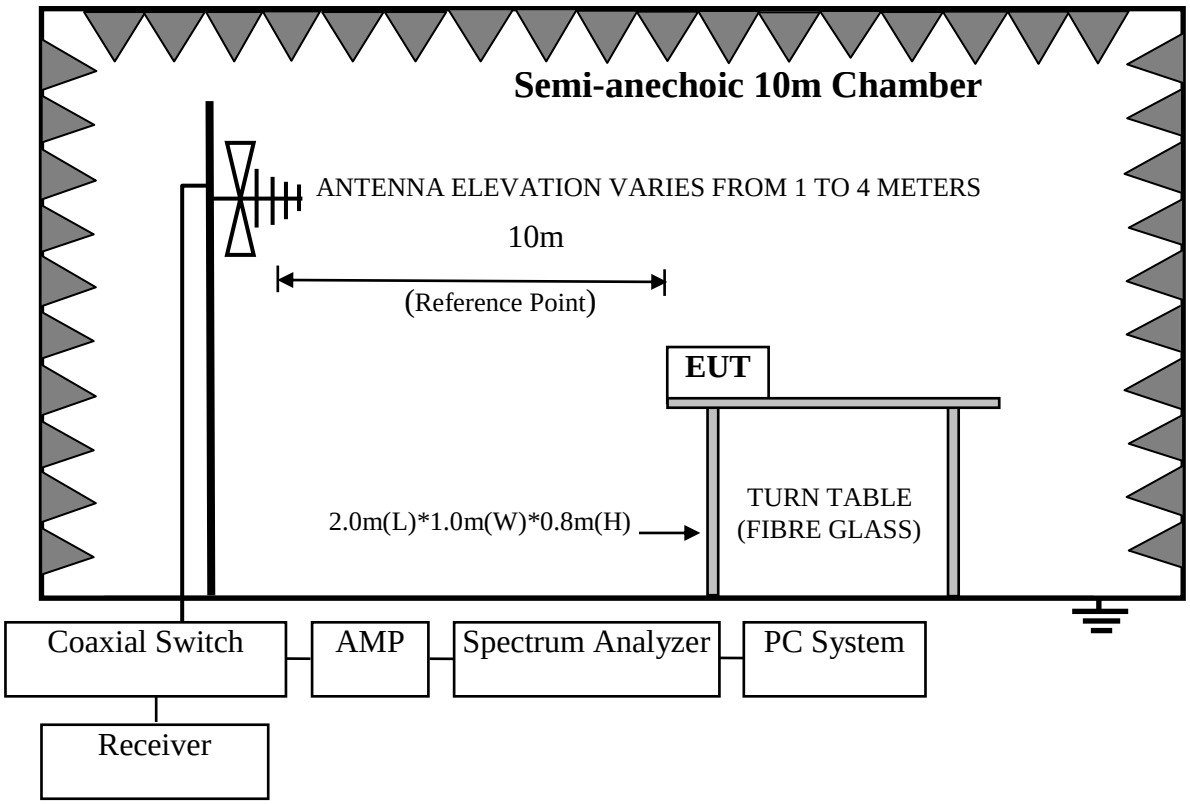
Item	Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Cal. Interval
1.	10m Chamber(NSA)	AUDIX	N/A	N/A	Aug.12,23	3 Year
2.	10m Chamber(SE)	AUDIX	N/A	N/A	Sep.16,22	3 Year
3.	Signal Analyzer	Rohde & Schwarz	FSV30	103669	Sep.15,24	1 Year
4.	Signal Analyzer	Rohde & Schwarz	FSV30	103670	Jun.19,24	1 Year
5.	EMI Test Receiver	Rohde & Schwarz	ESR3	102891	Sep.15,24	1 Year
6.	Amplifier	EM	EM101	060952	Mar.10,25	1 Year
7.	Amplifier	EMCI	EMC9135	980347	Sep.13,24	1 Year
8.	Tri-log-Broadband Antenna	Schwarzbeck	VULB 9168	493	Jan.20,25	1 Year
9.	Tri-log-Broadband Antenna	SCHWARZBECK	VULB 9168	01317	Nov.22,24	1 Year
10.	RF Cable	EMCI	EMCCFD400-NM-NM-2500	No.4+190413	Mar.10,25	1 Year
11.	RF Cable	SPUMA	CFD400-NM-NM	160727+160728	Mar.10,25	1 Year
12.	Coaxial Switch	Anritsu	MP59B	6201397220	Mar.10,25	1 Year
13.	Coaxial Switch	Anritsu	MP59B	6201397221	Mar.10,25	1 Year
14.	Coaxial Switch	Anritsu	MP59B	6201397224	Mar.10,25	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 above 1GHz (In 10m Anechoic Chamber)

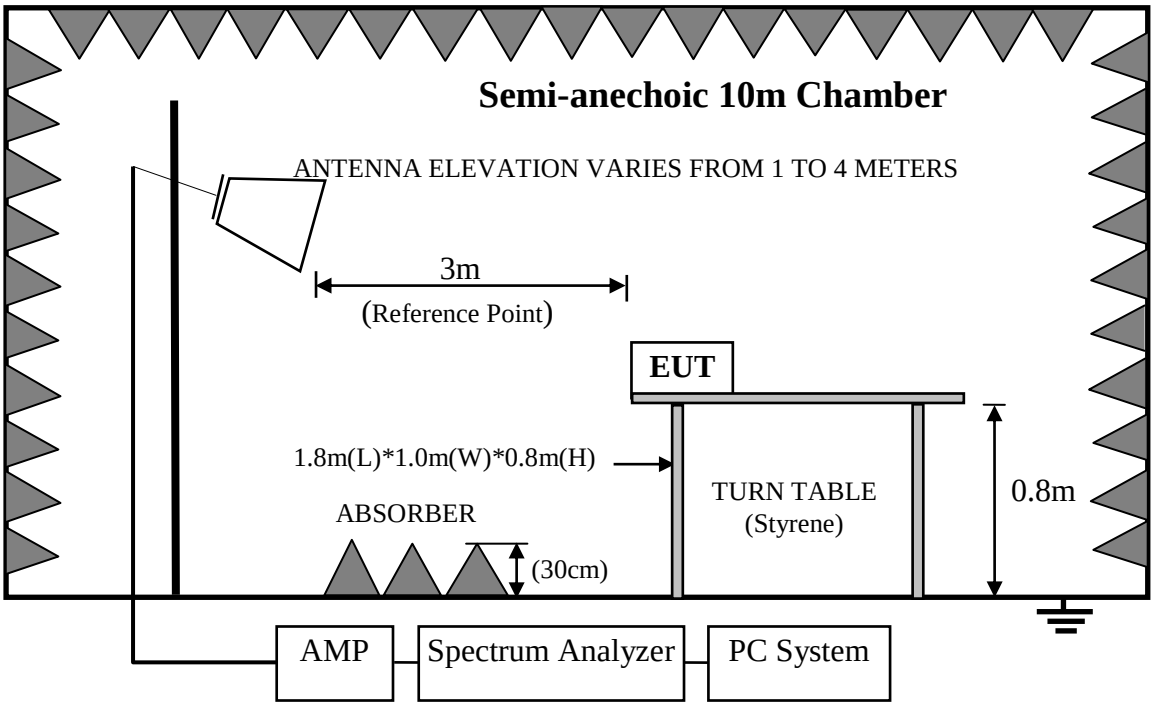
Item	Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Cal. Interval
1.	10m Chamber(Svswr)	AUDIX	N/A	N/A	Aug.08,23	3 Year
2.	10m Chamber(SE)	AUDIX	N/A	N/A	Sep.16,22	3 Year
3.	Signal Analyzer	Rohde & Schwarz	FSV30	103669	Sep.15,24	1 Year
4.	Horn Antenna	ETS	3117	00218552	Mar.05,25	1 Year
5.	Amplifier	Agilent	83017A	MY53270084	Sep.15,24	1 Year
6.	RF Cable	TIMES MICROWAVE	SFT205-SMNM-6M	20231214-0001	Sep.13,24	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. 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. : CS24A

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	DP	1.8m	640*480@60Hz
2.				1280*1024@75Hz
3.				1920*1080@60Hz
4.				1920*1080@600Hz
5.				1080*1920@600Hz (Panel is Vertical) (+90°)
6.				1080*1920@600Hz (Panel is Vertical) (-90°)
7.				1920*1080@600Hz USB: R load(5V/1.5A)
8.				1920*1080@600Hz USB: CS Light FX Sync lighting
9.			1.5m	1920*1080@600Hz
10.			1.2m	1920*1080@600Hz
11.		HDMI1	1.8m	640*480@60Hz
12.				1280*1024@75Hz
13.				1920*1080@60Hz
14.				1920*1080@600Hz
15.		HDMI 2	1.8m	640*480@60Hz
16.				1280*1024@75Hz
17.				1920*1080@60Hz
18.				1920*1080@600Hz
19.	DVD Mode	HDMI 1	1.8m	Color Bar
20.		HDMI 2	1.8m	Color Bar
21.	PIP Mode	DP+ HDMI 1	1.8m	1920*1080@600Hz
22.	PBP Mode	DP+ HDMI 1	1.8m	960*1080@600Hz

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.	
					Horizontal	Vertical
1.	PC Mode	DP	1.8m	1920*1080@600Hz	#12	#11

For frequency range 1GHz~18GHz

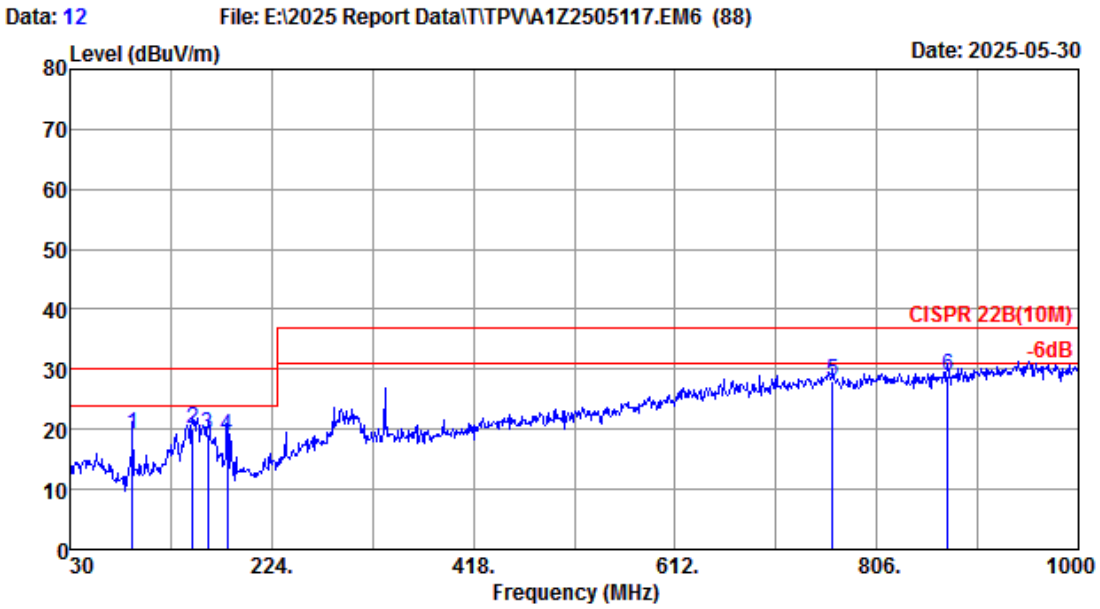
The EUT with below test mode were measured within Anechoic Chamber and the test results listed in next pages.

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

No.	Test Mode	Input Port	Cable Length	Resolution & Frequency
1.	PC Mode	DP	1.8m	1280*1024@75Hz
2.				1920*1080@60Hz
3.				1920*1080@600Hz
4.				1080*1920@600Hz (Panel is Vertical) (+90°)
5.				1080*1920@600Hz (Panel is Vertical) (-90°)
6.				1920*1080@600Hz USB: R load(5V/1.5A)
7.				1920*1080@600Hz USB: CS Light FX Sync lighting
8.			1.5m	1920*1080@600Hz
9.			1.2m	1920*1080@600Hz
10.		HDMI1	1.8m	1280*1024@75Hz
11.				1920*1080@60Hz
12.				1920*1080@600Hz
13.		HDMI 2	1.8m	1280*1024@75Hz
14.				1920*1080@60Hz
15.				1920*1080@600Hz
16.	DVD Mode	HDMI 1	1.8m	Color Bar
17.		HDMI 2	1.8m	Color Bar
18.	PIP Mode	DP+ HDMI 1	1.8m	1920*1080@600Hz
19.	PBP Mode	DP+ HDMI 1	1.8m	960*1080@600Hz

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.	
					Horizontal	Vertical
1.	PC Mode	DP	1.8m	1920*1080@600Hz	#4	#3

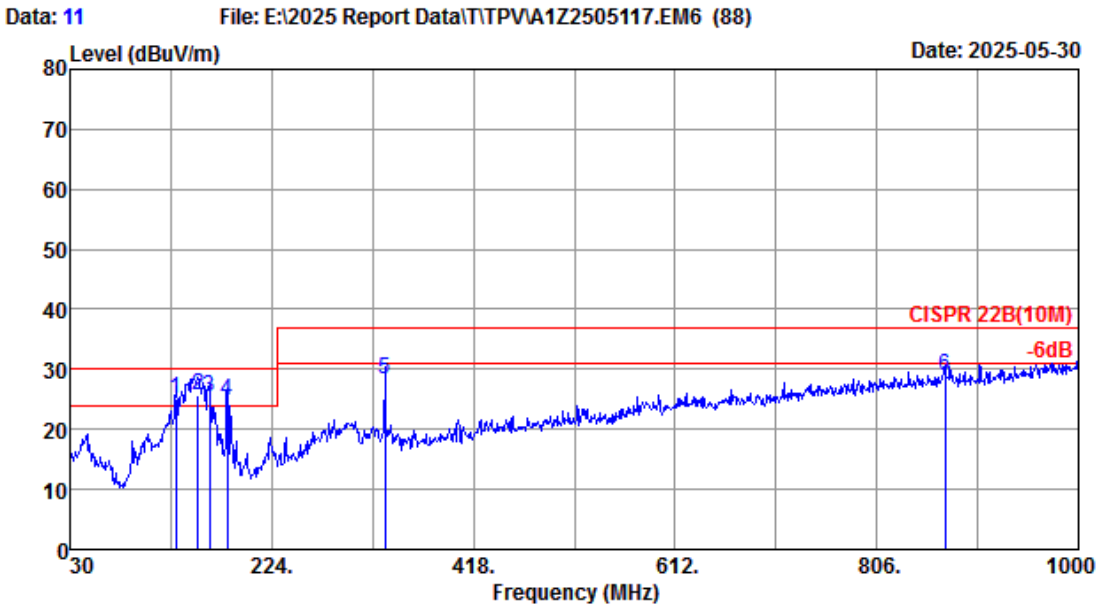


Site no. : 10m Chamber
Dis. / Ant. : 10m 2024 VULB9168-01317
Limit : CISPR 22B(10M)
Env. / Ins. : 23.2*C/51%
EUT : M/N:CS24A
Power rating : AC 120V/60Hz
Test Mode : DP:1920*1080@600Hz
Line:1.8m

Data no. : 12
Ant. pol. : HORIZONTAL
Pressure : 101.6kPa
Engineer : Cinder

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	90.140	13.60	1.12	4.43	19.15	30.00	10.85	QP
2	148.340	19.20	1.52	-0.79	19.93	30.00	10.07	QP
3	162.890	19.01	1.62	-1.36	19.27	30.00	10.73	QP
4	181.320	17.34	1.75	-0.09	19.00	30.00	11.00	QP
5	763.320	27.83	4.86	-4.72	27.97	37.00	9.03	QP
6	873.900	28.68	4.73	-4.49	28.92	37.00	8.08	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 873.900MHz with corrected signal level of 28.92dBµV/m (Antenna height 3.94m; Turntable degree 241°)
4. 0° was the table front facing the antenna. Degree is calculated from 0° clockwise facing the antenna.

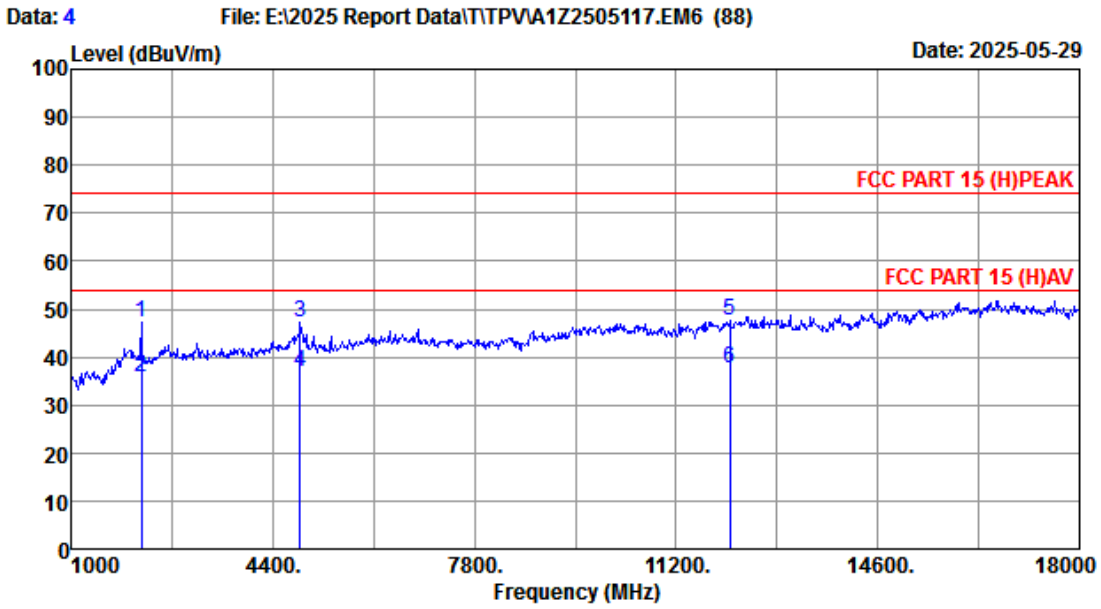


Site no. : 10m Chamber
Dis. / Ant. : 10m 2025 VULB9168 493
Limit : CISPR 22B(10M)
Env. / Ins. : 23.2*C/51%
EUT : M/N:CS24A
Power rating : AC 120V/60Hz
Test Mode : DP:1920*1080@600Hz
Line:1.8m

Data no. : 11
Ant. pol. : VERTICAL
Pressure : 101.6kPa
Engineer : Cinder

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	131.850	17.99	1.70	5.52	25.21	30.00	4.79	QP
2	153.190	19.30	1.83	4.61	25.74	30.00	4.26	QP*
3	163.860	18.81	1.90	4.68	25.39	30.00	4.61	QP
4	181.320	17.27	2.01	5.59	24.87	30.00	5.13	QP
5	332.640	20.10	2.95	5.44	28.49	37.00	8.51	QP
6	871.960	29.26	5.74	-6.20	28.80	37.00	8.20	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 153.190MHz with corrected signal level of 25.74dBµV/m (Antenna height 1.01m; Turntable degree 160°)
4. 0° was the table front facing the antenna. Degree is calculated from 0° clockwise facing the antenna.

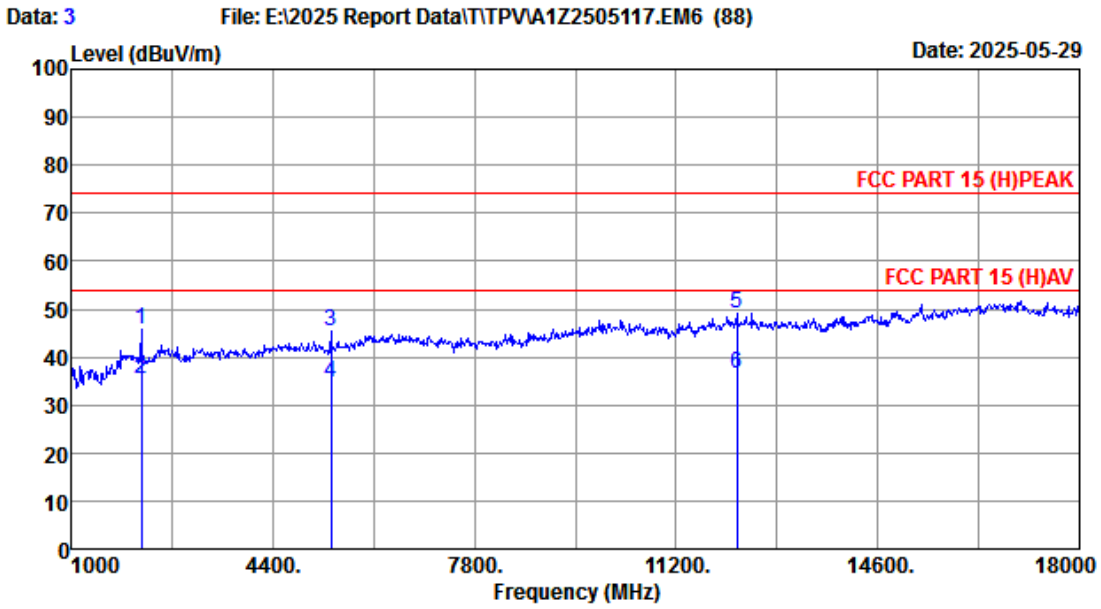


Site no. : 10m Chamber
Dis. / Ant. : 3m 2025 3117
Limit : FCC PART 15 (H) PEAK
Env. / Ins. : 21.5*C/59%
EUT : M/N:CS24A
Power rating : AC 120V/60Hz
Test Mode : DP:1920*1080@600Hz
Line:1.8m

Data no. : 4
Ant. pol. : HORIZONTAL
Pressure : 101.6kPa
Engineer : Cinder

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	2190.000	31.23	2.10	32.99	46.78	47.12	74.00	26.88	Peak
2	2191.420	31.23	2.10	32.99	35.30	35.64	54.00	18.36	Average
3	4859.000	34.10	3.14	31.77	41.61	47.08	74.00	26.92	Peak
4	4859.310	34.10	3.14	31.77	31.33	36.80	54.00	17.20	Average
5	12101.000	38.60	5.10	33.64	37.36	47.42	74.00	26.58	Peak
6	12102.340	38.60	5.10	33.64	27.52	37.58	54.00	16.42	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 2025 3117
Limit : FCC PART 15 (H) PEAK
Env. / Ins. : 21.5*C/59%
EUT : M/N:CS24A
Power rating : AC 120V/60Hz
Test Mode : DP:1920*1080@600Hz
Line:1.8m

Data no. : 3
Ant. pol. : VERTICAL
Pressure : 101.6kPa
Engineer : Cinder

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	2190.000	31.23	2.10	32.99	45.52	45.86	74.00	28.14	Peak
2	2190.430	31.23	2.10	32.99	35.03	35.37	54.00	18.63	Average
3	5386.000	34.27	3.32	31.82	39.66	45.43	74.00	28.57	Peak
4	5386.600	34.27	3.32	31.82	28.76	34.53	54.00	19.47	Average
5	12220.000	38.72	5.10	33.69	39.08	49.21	74.00	24.79	Peak
6	12222.300	38.72	5.10	33.69	26.28	36.41	54.00	17.59	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.

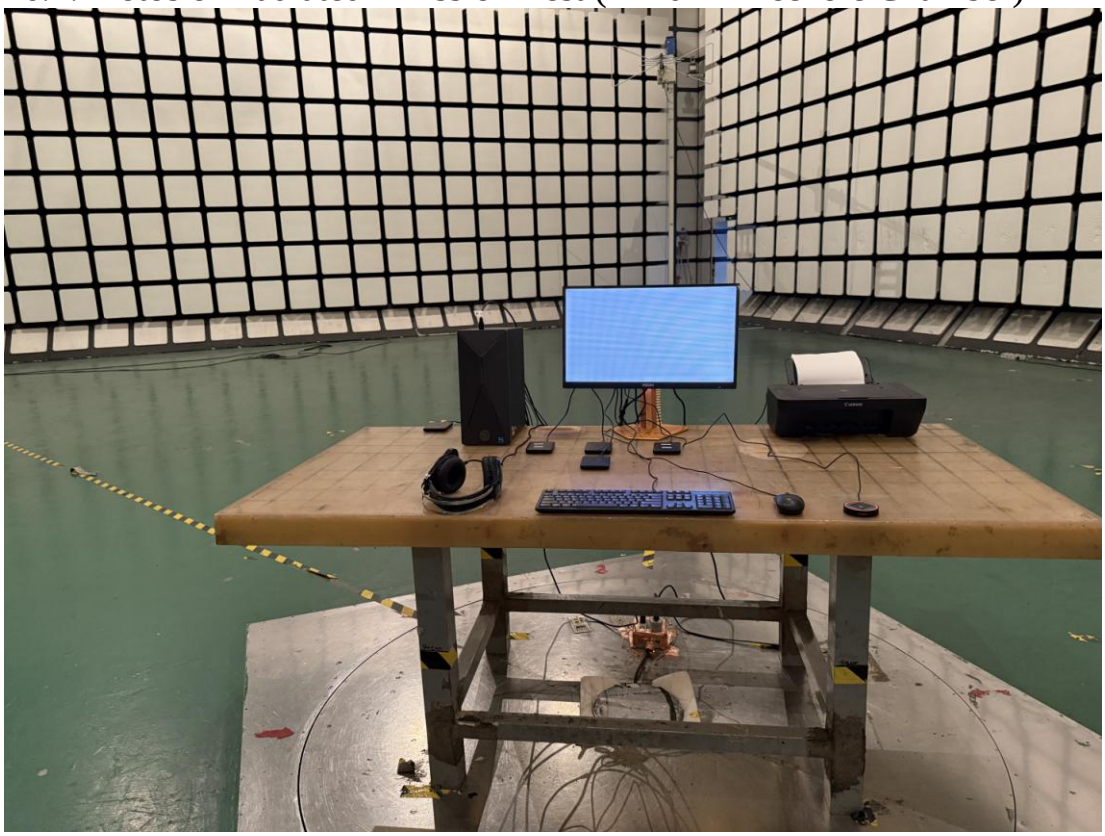
5. DEVIATION TO TEST SPECIFICATIONS

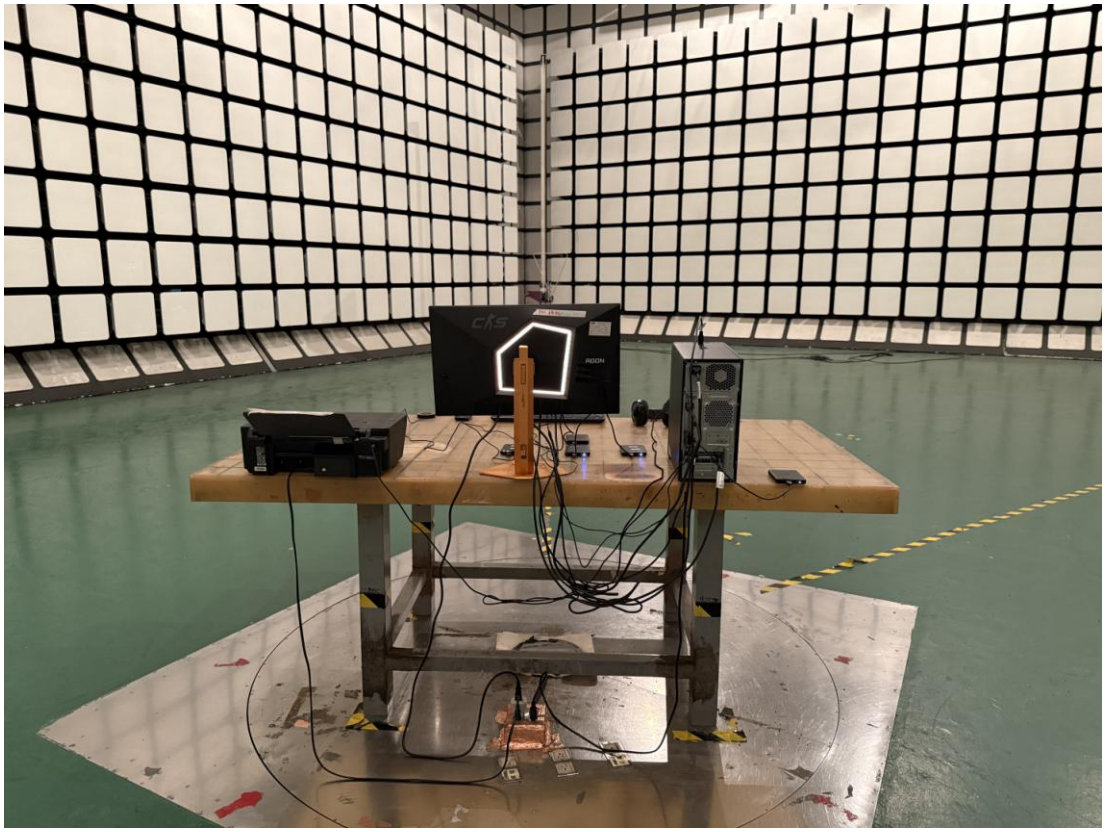
[NONE]

6. PHOTOGRAPH

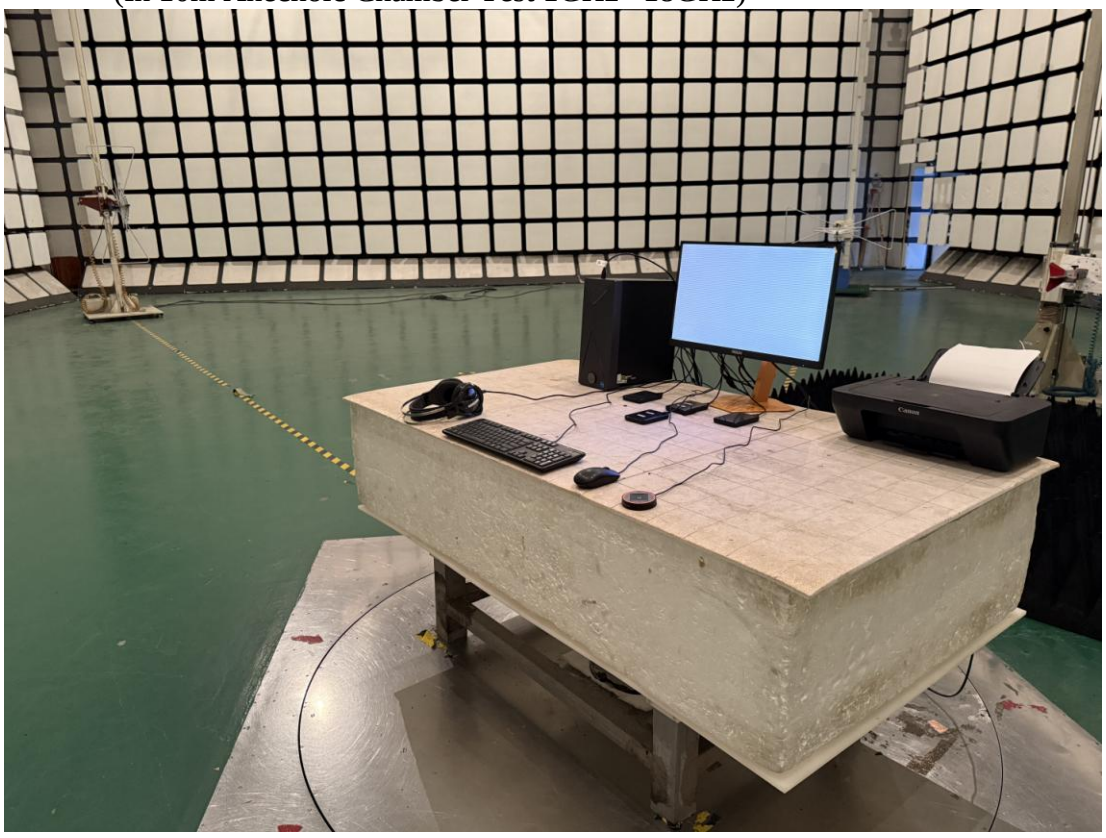
6.1.Photos of Power Line Conducted Emission Test

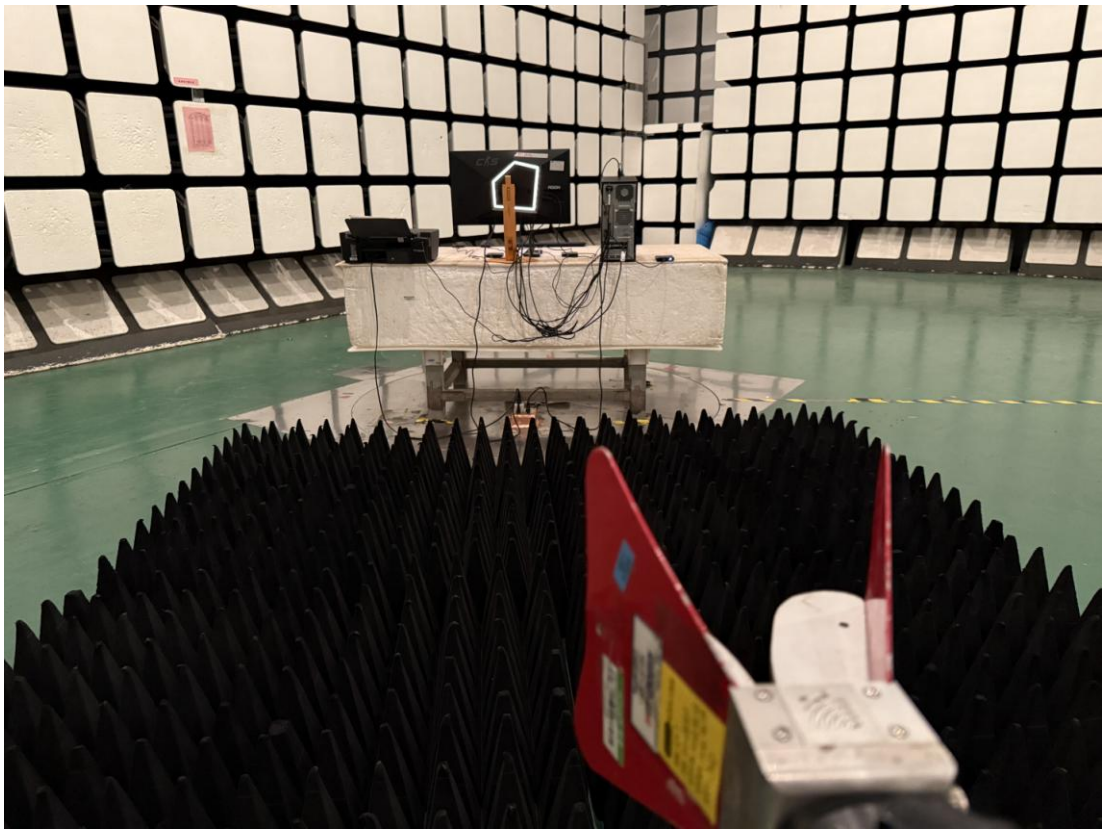
6.2.Photos of Radiated Emission Test (In 10m Anechoic Chamber)





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





THE END