

FCC SDoC TEST REPORT

For

Associated Industries China, Inc.

LCD Display

Prepared for : Associated Industries China, Inc.
Address : 5F-1, No.3-1, Park Street, Nangang District, Taipei, 11503, Taiwan

Prepared by : EST Technology Co., Ltd.
Address : Chilingxiang, Qishantou, Santun, Houjie, Dongguan,
Guangdong, China

Tel: 86-769-83081888


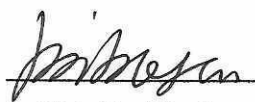

Fax: 86-769-83081878

Report Number : ESTE-F2505042

Date of Report : May. 26, 2025

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Applicant:	Associated Industries China, Inc.		
Address:	5F-1, No.3-1, Park Street, Nangang District, Taipei, 11503, Taiwan		
Manufacturer:	Associated Industries China, Inc.		
Address:	5F-1, No.3-1, Park Street, Nangang District, Taipei, 11503, Taiwan		
Factory 1:	Moka Technology (Guangdong) Co., Ltd.		
Address:	NO.1 Qiaoguang Road, Chenjiang Street, Zhongkai Hi-tech Industrial Zone, Huizhou City, Guangdong Province, P.R.China		
Factory 2:	TCL Operations Polska Sp. z o.o.		
Address:	Ul. A. Mickiewicza 31/41 96-300 Żyrardow, Poland		
Factory 3:	TCL Moka Manufacturing , S.A. de C.V.		
Address:	Calle 4TA No. 55 CD Industrial, TIJUANA BC 22444, MEXICO		
Factory 4:	TTE ELECTRONICS INDIA PRIVATE LIMITED		
Address:	Vikruthamala Village, Papanaidupeta Post, Yerpedu Mandal, Tirupati – 517526, Andhra Pradesh, India		
Factory 5:	MOKA TECHNOLOGY VIETNAM COMPANY LIMITED		
Address:	CN-03, Dongmai Industrial Zone, Quảng Yên City, Quảng Ninh Province, Viet Nam		
Factory 6:	TCL King Electrical Appliances (CHENGDU) Co., Ltd.		
Address:	No.18, kexin road, chengdu high-tech industrial development zone (west park), chengdu, Sichuan, China		
E.U.T:	LCD Display		
Model Number:	QM5503, ***55***, (* can be A-Z, 0-9 or "-" or blank)		
Trade Name:	AG Neovo	Serial No:	-----
Date of Receipt:	Apr. 10, 2025	Date of Test:	May. 17, 2025~May. 19, 2025
Test Specification:	FCC Part 15 Subpart B Class B:2023 ANSI C63.4-2014		
Test Result:	The equipment under test was found to be compliance with the requirements of the standards applied.		
Issue Date: May. 26, 2025			
Prepared by:	Reviewed by:	Approved by:	
			
Lena Jin / Assistant	Bible Hu / Engineer	Iceman Hu / Manager	
Other Aspects: None.			
Abbreviations: OK/P=passed fail/F=failed n.a/N=not applicable E.U.T=equipment under tested			
This test report is based on a single evaluation of one sample of above mentioned products, It is not permitted to be duplicated in extracts without written approval of EST Technology Co., Ltd. The statement of compliance in this report is based on the limit in the test standard, the measurement uncertainty is not considered.			

1. GENERAL PRODUCT INFORMATION

1.1. Product Function

Refer to Technical Construction Form and User Manual.

1.2. Description of Device (EUT)

Description	: LCD Display
Model No.	: QM5503
System Input Voltage	: AC 100-240V OR 110-240V, 50/60Hz, 2.7A
AC Line	: Unshielded, Detachable 1.5m
Headphone	: Unshielded, Detachable 1.5m
Type-C Line	: Shielded, Detachable 1.5m
LAN	: Shielded, Detachable 1.5m
HDMI	: Shielded, Detachable 1.5m

1.3. Difference between Model Numbers

Note: The products are only different the model number,
But the PCB boards inside are identical.

1.4. Independent Operation Modes

The basic operation modes are:

1.4.1. USB Play

1.4.2. HDMI Mode (3840*2160)

1.4.3. Type-C Mode (3840*2160)

1.4.4. Connect to PC

2. TEST STANDARDS AND SITES

2.1. Description of Standards and Results

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

EMISSION			
Description of Test Item	Standard	Limits	Results
Conducted disturbance at mains terminals	FCC Part 15:2023	Class B	PASS
		Minimum passing margin is 3.78dB at 0.53MHz	
Radiated Emission Test (30MHz-1000MHz)	FCC Part 15:2023	Class B	PASS
		Minimum passing margin is 3.43dB at 50.37MHz	
Radiated Emission Test (above 1GHz)	FCC Part 15:2023	Class B	PASS
		Minimum passing margin is 3.81dB at 5935MHz	

2.2. Test Facilities

EMC Lab : Accredited by CNAS, CHINA
Registration No.: L5288
This Accreditation is valid until: November 12, 2029

Recognized by FCC, USA
Designation Number: CN1215
This Recognition is valid until: January 31, 2026

Accredited by A2LA, USA
Registration No.: 4366.01
This Accreditation is valid until: January 31, 2026

Recognized by Industry Canada
CAB identifier No.: CN0035
This Recognition is valid until: January 31, 2026

Recognized by VCCI, Japan
Registration No.: C-14103; T-20073; R-13663;
R-20103; G-20097
Date of registration: Apr. 20, 2020
This Recognition is valid until: Apr. 19, 2026

Recognized by TUV Rheinland, Germany
Registration No.: UA 50413872 0001
Date of registration: July 31, 2018

Recognized by Intertek
Registration No.: 2011-RTL-L2-64
Date of registration: November 08, 2018

Name of Firm : EST Technology Co., Ltd.

Site Location : Chilingxiang, Qishantou, Santun, Houjie, Dongguan,
Guangdong, China

2.3.List of Test and Measurement Instruments

2.3.1.For conducted emission at the mains terminals test (2# conduction)

Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Next Cal.
EMI Test Receiver	Rohde & Schwarz	ESCI3	EST-E071	Jun. 11, 2024	Jun. 10, 2025
Artificial Mains Network	Rohde & Schwarz	ENV216	EST-E048	Jun. 11, 2024	Jun. 10, 2025
Pulse Limiter	Rohde & Schwarz	ESH3-Z2	EST-E078	Jun. 11, 2024	Jun. 10, 2025
Test Software	Audix	e3-6.111221a	N/A	N/A	N/A

2.3.2.For radiated emission test (30MHz-1000MHz; 1# 966 radiation)

Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Next Cal.
EMI Test Receiver	Rohde & Schwarz	ESR7	EST-E047	Jun. 11, 2024	Jun. 10, 2025
Bilog Antenna	Teseq	CBL 6111D	EST-E034	Jun. 11, 2024	Jun. 10, 2025
Test Software	Audix	e3-6.111221a	N/A	N/A	N/A

2.3.3.For radiated emission test (above 1GHz) (1# 966 radiation)

Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Next Cal.
EMI Test Receiver	Rohde & Schwarz	ESR7	EST-E047	Jun. 11, 2024	Jun. 10, 2025
Horn Antenna	SCHWARZBECK	BBHA 9120 D	EST-E031	Jun. 11, 2024	Jun. 10, 2025
Low Noise Amplifier	RF	TRLA-010180G45N	EST-E142	Jun. 11, 2024	Jun. 10, 2025
Horn Antenna (18-40GHz)	Com-Power	AHA-840	EST-E132	Jun. 11, 2024	Jun. 10, 2025
Spectrum Analyzer	Rohde & Schwarz	FSV40	EST-E069	Jun. 11, 2024	Jun. 10, 2025
Test Software	Audix	e3-6.111221a	N/A	N/A	N/A

Note: All calibration reports of the equipment were provided by LiSai calibration and Testing

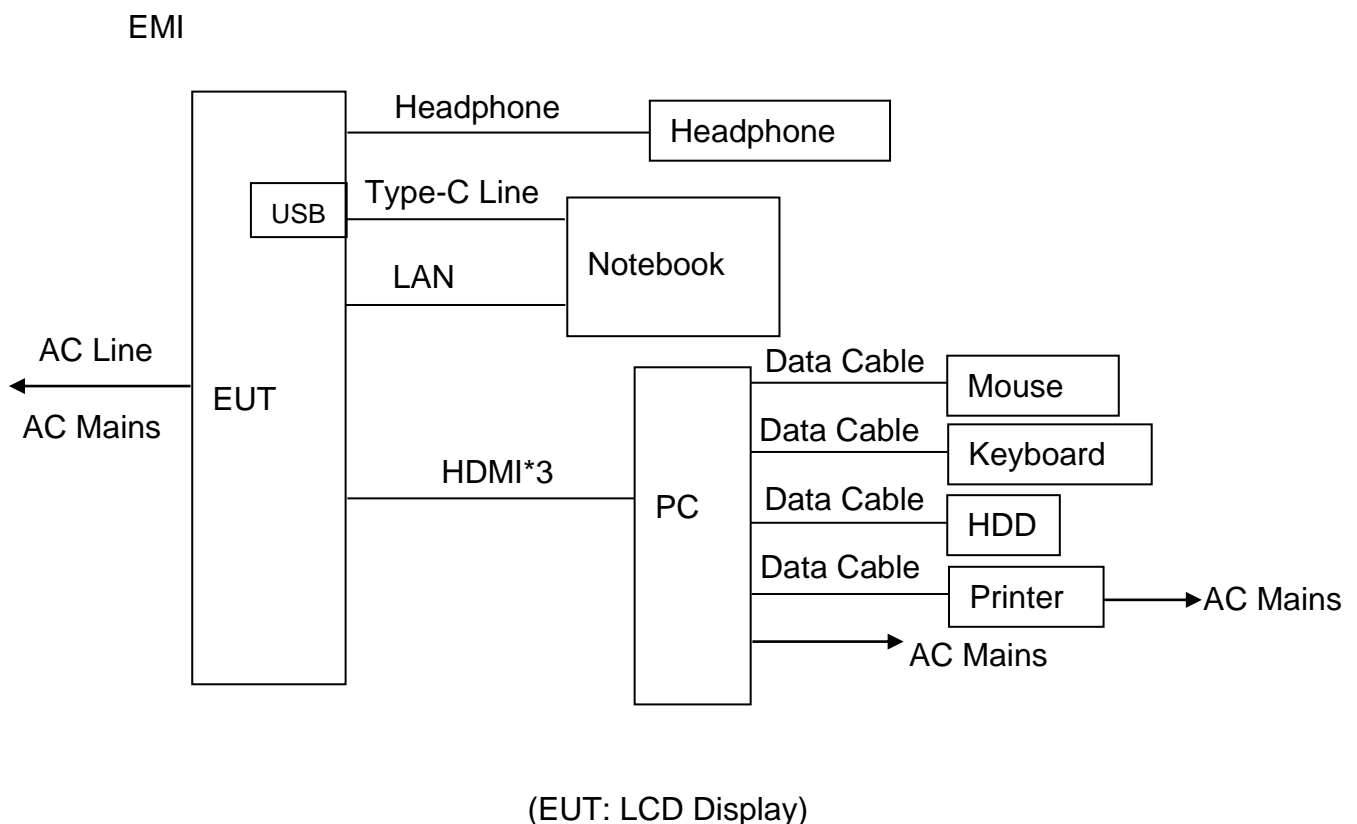
3. TEST SET-UP AND OPERATION MODES

3.1. Principle of Configuration Selection

Emission: The equipment under test (EUT) was configured to measure its highest possible radiation level. The test modes were adapted accordingly in reference to the Operating Instructions.

3.2. Block Diagram of Test Set-up

System Diagram of Connections Between EUT and Auxiliary equipment



3.3. Test Operation Mode and Test Software

Refer to Test Setup in clause 4 & 5.

3.4. Special Accessories and Auxiliary Equipment

3.4.1. DELL PC (4K)

M / N : Precision Tower 3620
S / N : 23TH6H2
Manufacturer : DELL

3.4.2. Keyboard

M / N : L100
S / N : CN-0RH656-65890-01M-070T

Manufacturer : Dell
Data Cable : Shielded, Undetachable, 1.8m

3.4.3.Mouse

M / N : MOL5VO
S / N : JOQ03RNT
Manufacturer : Dell
Data Cable : Shielded, Undetachable, 1.5m

3.4.4.Notebook

M / N : A2289
S / N : FVFDH8E3P3XY
Manufacturer : Apple

3.4.5.HDD

M / N : iPod/A1238
S / N : 8K044D2Z9ZU
Manufacturer : Apple

3.4.6.Earphone

M / N : KDM-430
Manufacturer : KEENION
Data Cable : Unshielded, Undetachable, 1.6m

3.4.7.Printer

M / N : HP LaserJet 1020 Plus
Manufacturer : HP
AC Line : Unshielded, Detachable 1.2m
USB Line : Unshielded, Detachable 1.2m

3.5.Countermeasures to Achieve EMC Compliance

None.

4. EMISSION TEST RESULTS

4.1. Conducted Emission at The Mains Terminals Test

RESULT : **Pass**
 Test procedure : ANSI C63.4-2014
 Frequency range : 0.15 to 30MHz
 Test Site : 2# CE Shielded Room
 Limits : FCC Part 15:2023 Class B

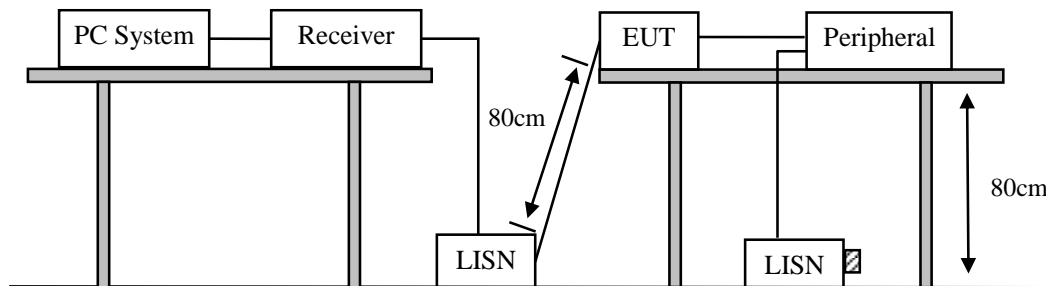
Test Setup

Date of test : May. 18, 2025
 Model No. : QM5503
 Input Voltage : AC 240V/50Hz, AC 120V/60Hz
 Operation Mode : USB Play, HDMI Mode, Type-C Mode, Connect to PC

The frequency range from 150 kHz to 30 MHz was investigated.

The bandwidth of the test receiver was set at 9 kHz.

The test data of the worst case condition(s) was reported on the following page.



Note:

Test uncertainty: $\pm 3.42\text{dB}$ at a level of confidence of 95%.(2#CE)

Test Data

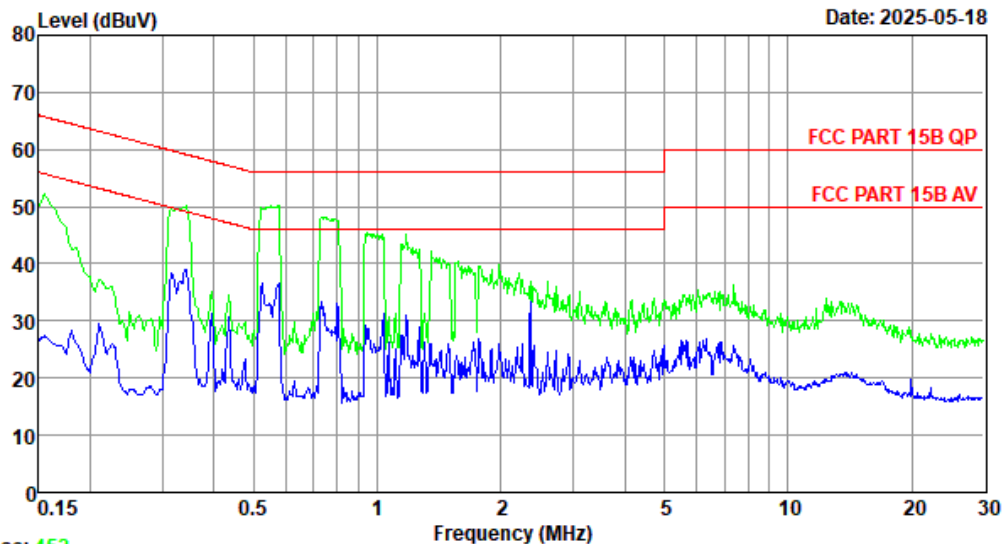
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Data: 453

File: \\EMC-CE-2\Test Data\2025\M\MOKA-1.EM6 (519)

Date: 2025-05-18



Trace: 452

Site no : 2#CE Shield Room Data no. : 453
Env. / Ins. : Temp:23.1°C;Humi:48%;Press:101.20kPa LINE Phase : LINE
Limit : FCC PART 15B QP
Engineer : Nico Chen
EUT : LCD Display
Power : AC 240V/50Hz
M/N : QM5503
Test Mode : HDMI Mode (3840*2160)
Landscape Mode

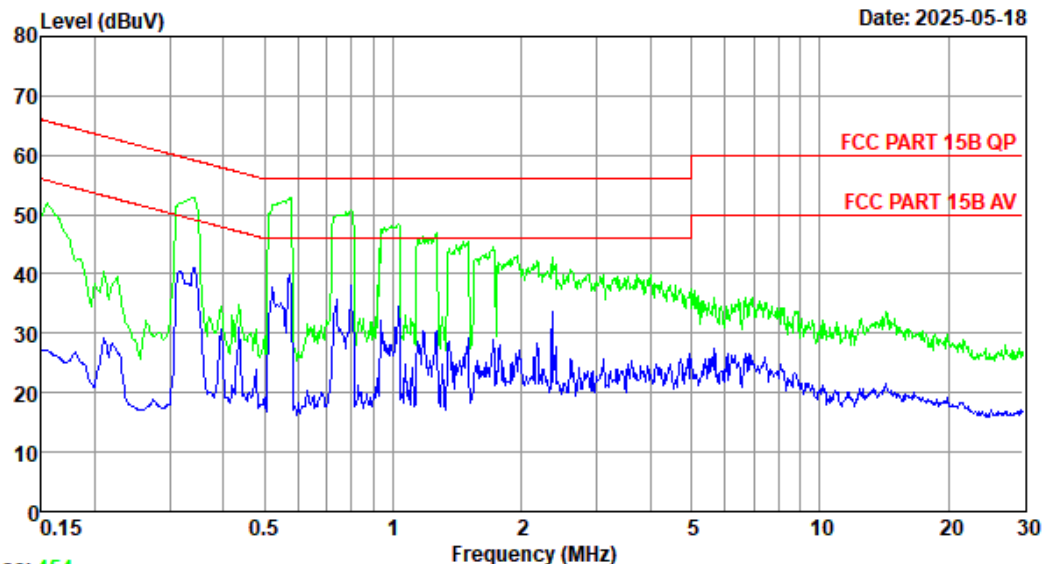
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Data: 455

File: \\EMC-CE-2\Test Data\2025\MMOKA-1.EM6 (519)

Date: 2025-05-18



Trace: 454

Site no : 2#CE Shield Room Data no. : 455
Env. / Ins. : Temp:23.1°C;Humi:48%;Press:101.20kPa LINE Phase : NEUTRAL
Limit : FCC PART 15B QP
Engineer : Nico Chen
EUT : LCD Display
Power : AC 240V/50Hz
M/N : QM5503
Test Mode : HDMI Mode (3840*2160)
Landscape Mode

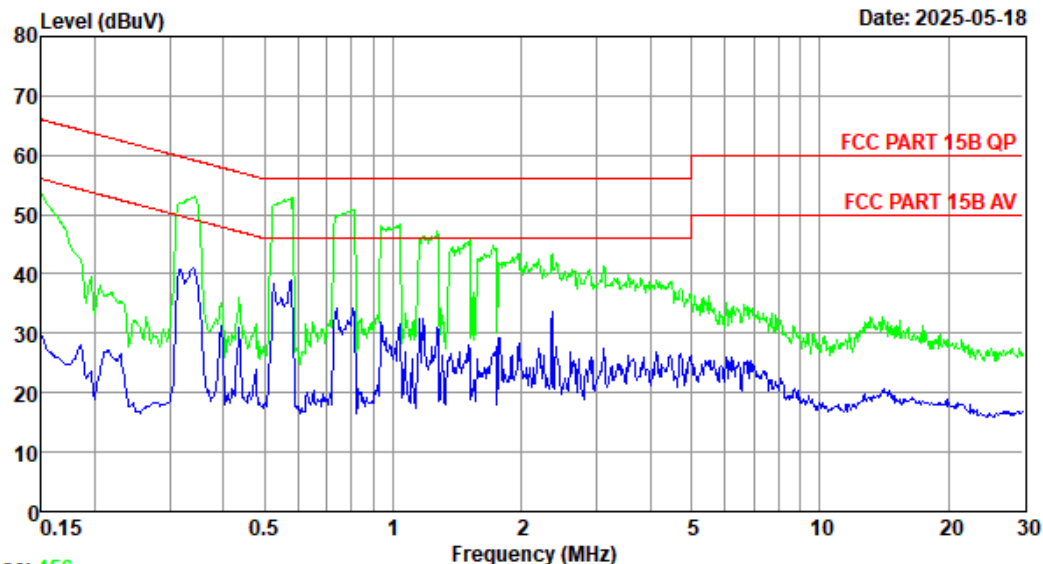
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Data: 457

File: \\EMC-CE-2\Test Data\2025\MMOKA-1.EM6 (519)

Date: 2025-05-18



Trace: 456

Site no : 2#CE Shield Room Data no. : 457
Env. / Ins. : Temp:23.1°C;Humi:48%;Press:101.20kPa LINE Phase : NEUTRAL
Limit : FCC PART 15B QP
Engineer : Nico Chen
EUT : LCD Display
Power : AC 240V/50Hz
M/N : QM5503
Test Mode : USB Play
Landscape Mode

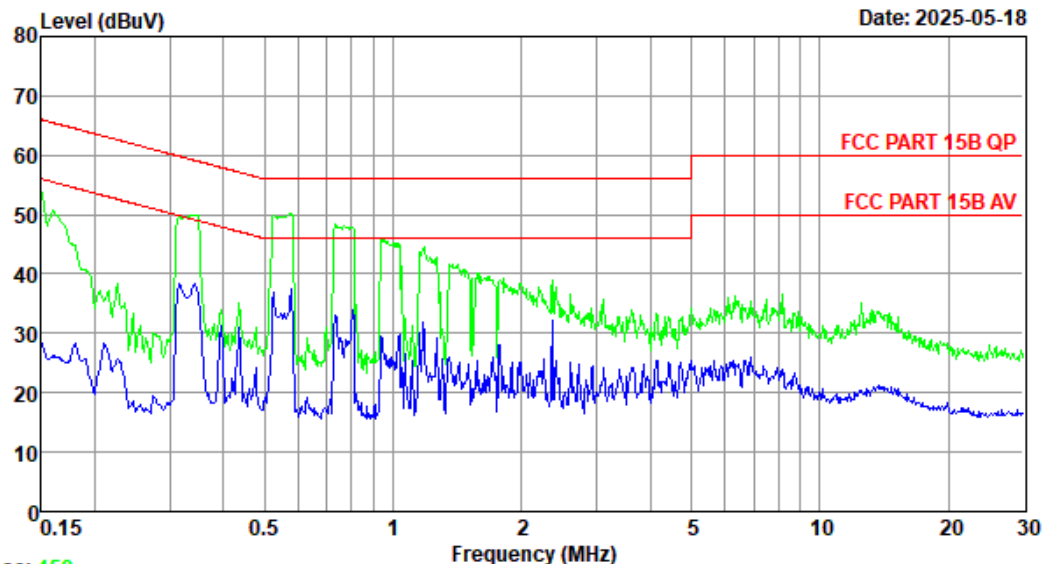
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Data: 459

File: \\EMC-CE-2\Test Data\2025\MMOKA-1.EM6 (519)

Date: 2025-05-18



Trace: 458

Site no : 2#CE Shield Room Data no. : 459
Env. / Ins. : Temp:23.1°C;Humi:48%;Press:101.20kPa LINE Phase : LINE
Limit : FCC PART 15B QP
Engineer : Nico Chen
EUT : LCD Display
Power : AC 240V/50Hz
M/N : QM5503
Test Mode : USB Play
Landscape Mode

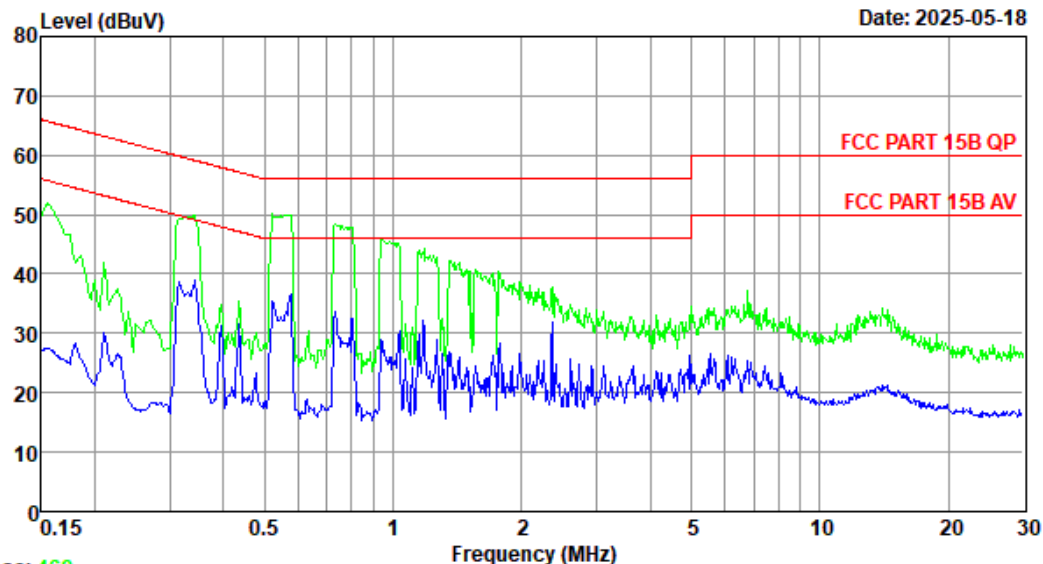
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Data: 461

File: \\EMC-CE-2\Test Data\2025\MMOKA-1.EM6 (519)

Date: 2025-05-18



Trace: 460

Site no : 2#CE Shield Room Data no. : 461
Env. / Ins. : Temp:23.1°C;Humi:48%;Press:101.20kPa LINE Phase : LINE
Limit : FCC PART 15B QP
Engineer : Nico Chen
EUT : LCD Display
Power : AC 240V/50Hz
M/N : QM5503
Test Mode : Type-C Mode (3840*2160)
Landscape Mode

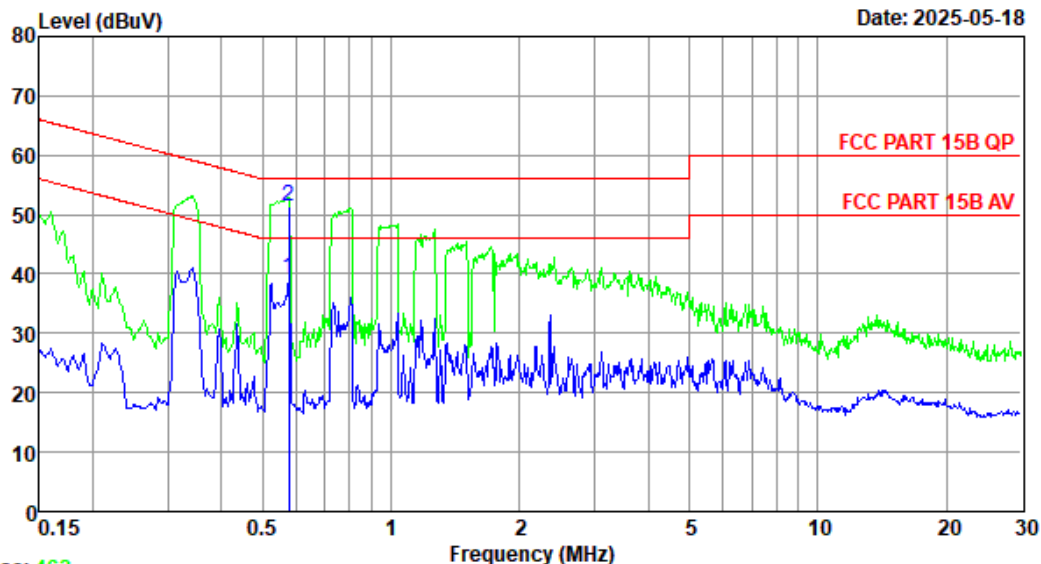
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Data: 463

File: \\EMC-CE-2\Test Data\2025\MMOKA-1.EM6 (519)

Date: 2025-05-18



Trace: 462

Site no : 2#CE Shield Room Data no. : 463
Env. / Ins. : Temp:23.1°C;Humi:48%;Press:101.20kPa LINE Phase : NEUTRAL
Limit : FCC PART 15B QP
Engineer : Nico Chen
EUT : LCD Display
Power : AC 240V/50Hz
M/N : QM5503
Test Mode : Type-C Mode(3840*2160)
Landscape Mode

	Freq. (MHz)	LISN Factor (dB)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuV)	Limits (dBuV)	Margin (dB)	Remark
1	0.58	9.56	9.88	19.72	39.16	46.00	6.84	Average
2	0.58	9.56	9.88	31.96	51.40	56.00	4.60	QP

Remarks: 1. Emission Level= LISN Factor + Cable Loss + Reading.
2. Margin= Limit - Emission Level.
3. 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.

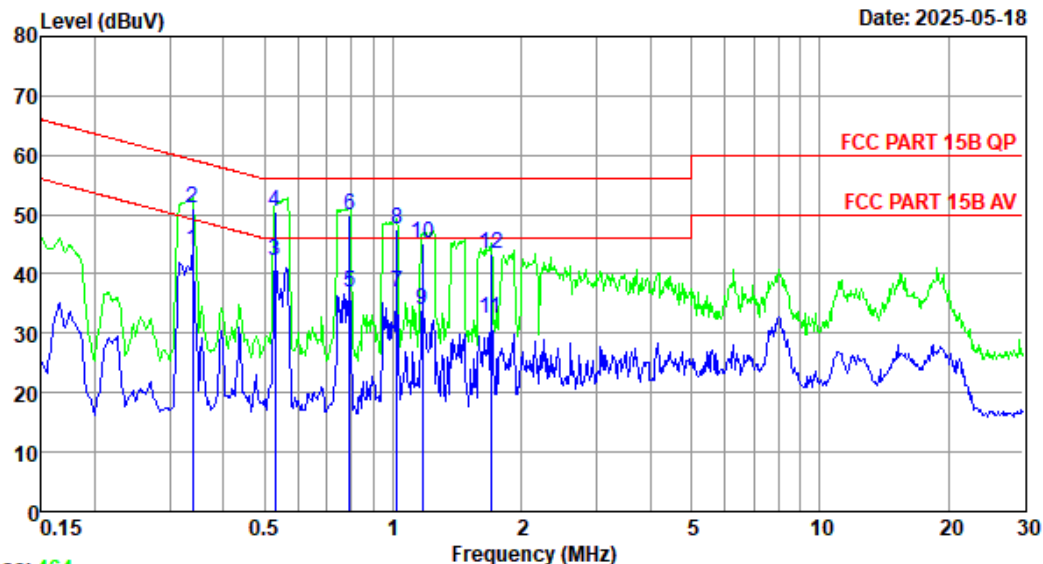
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Data: 465

File: \\EMC-CE-2\Test Data\2025\MMOKA-1.EM6 (519)

Date: 2025-05-18



Trace: 464

Site no : 2#CE Shield Room Data no. : 465
Env. / Ins. : Temp:23.1°C;Humi:48%;Press:101.20kPa LINE Phase : NEUTRAL
Limit : FCC PART 15B QP
Engineer : Nico Chen
EUT : LCD Display
Power : AC 120V/60Hz
M/N : QM5503
Test Mode : HDMI Mode (3840*2160)
Landscape Mode

	Freq. (MHz)	LISN Factor (dB)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuV)	Limits (dBuV)	Margin (dB)	Remark
1	0.34	9.57	9.90	24.39	43.86	49.22	5.36	Average
2	0.34	9.57	9.90	31.73	51.20	59.22	8.02	QP
3	0.53	9.56	9.88	22.78	42.22	46.00	3.78	Average
4	0.53	9.56	9.88	31.16	50.60	56.00	5.40	QP
5	0.79	9.55	9.89	17.46	36.90	46.00	9.10	Average
6	0.79	9.55	9.89	30.56	50.00	56.00	6.00	QP
7	1.02	9.54	9.89	17.55	36.98	46.00	9.02	Average
8	1.02	9.54	9.89	28.07	47.50	56.00	8.50	QP
9	1.17	9.54	9.90	14.63	34.07	46.00	11.93	Average
10	1.17	9.54	9.90	25.76	45.20	56.00	10.80	QP
11	1.70	9.55	9.92	12.88	32.35	46.00	13.65	Average
12	1.70	9.55	9.92	23.83	43.30	56.00	12.70	QP

Remarks: 1. Emission Level= LISN Factor + Cable Loss + Reading.
2. Margin= Limit - Emission Level.
3. 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.

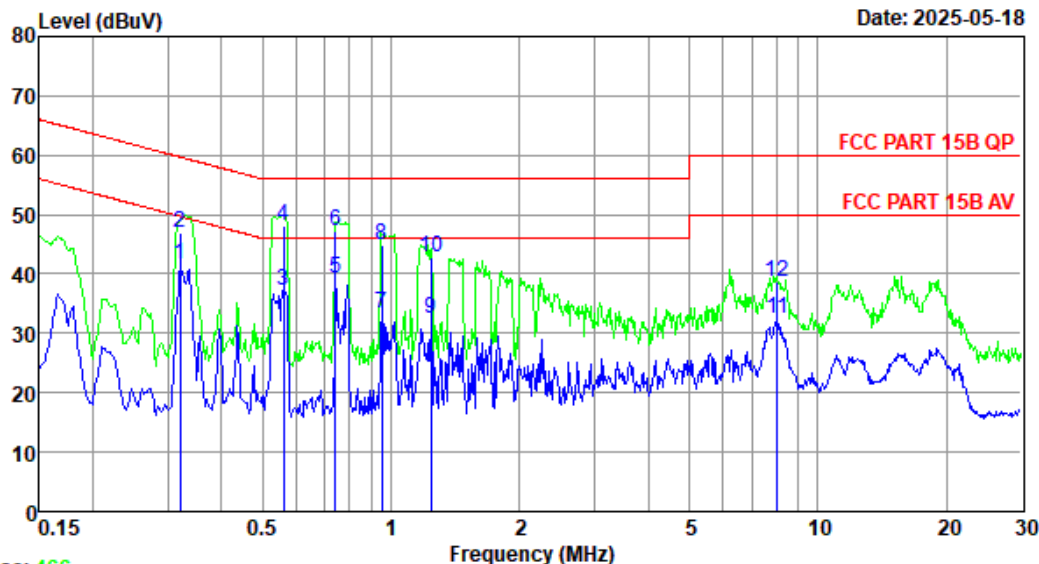
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Data: 467

File: \\EMC-CE-2\Test Data\2025\MMOKA-1.EM6 (519)

Date: 2025-05-18



Site no : 2#CE Shield Room Data no. : 467
Env. / Ins. : Temp:23.1°C;Humi:48%;Press:101.20kPa LINE Phase : LINE
Limit : FCC PART 15B QP
Engineer : Nico Chen
EUT : LCD Display
Power : AC 120V/60Hz
M/N : QM5503
Test Mode : HDMI Mode (3840*2160)
Landscape Mode

	Freq. (MHz)	LISN Factor (dB)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuV)	Limits (dBuV)	Margin (dB)	Remark
1	0.32	9.58	9.90	22.21	41.69	49.71	8.02	Average
2	0.32	9.58	9.90	27.42	46.90	59.71	12.81	QP
3	0.56	9.54	9.88	17.76	37.18	46.00	8.82	Average
4	0.56	9.54	9.88	28.78	48.20	56.00	7.80	QP
5	0.74	9.55	9.88	19.71	39.14	46.00	6.86	Average
6	0.74	9.55	9.88	27.87	47.30	56.00	8.70	QP
7	0.95	9.54	9.89	13.93	33.36	46.00	12.64	Average
8	0.95	9.54	9.89	25.57	45.00	56.00	11.00	QP
9	1.24	9.55	9.90	12.90	32.35	46.00	13.65	Average
10	1.24	9.55	9.90	23.45	42.90	56.00	13.10	QP
11	8.02	9.63	10.06	12.80	32.49	50.00	17.51	Average
12	8.02	9.63	10.06	19.11	38.80	60.00	21.20	QP

Remarks: 1. Emission Level= LISN Factor + Cable Loss + Reading.
2. Margin= Limit - Emission Level.
3. 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.

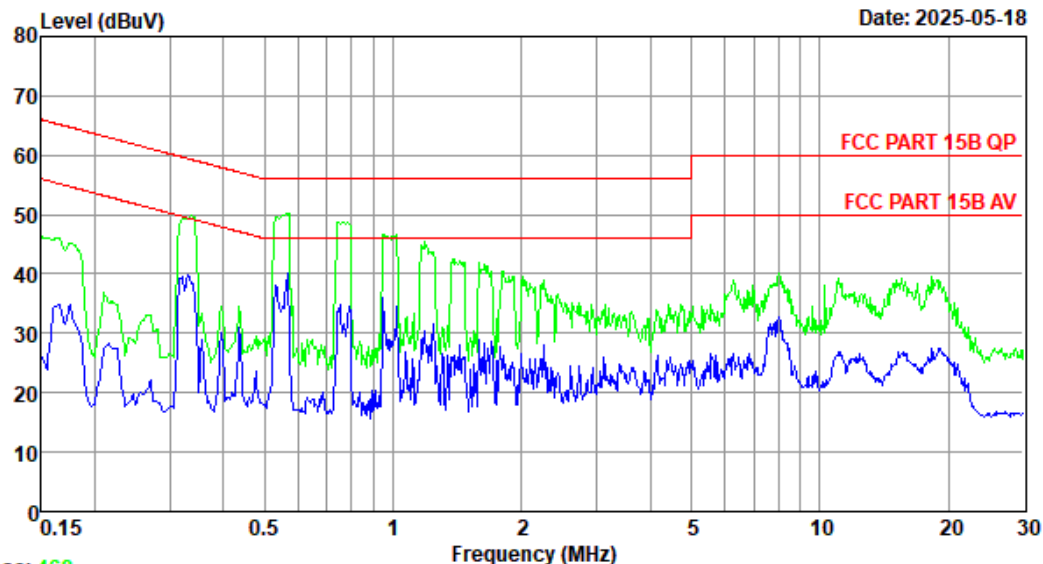
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Data: 469

File: \\EMC-CE-2\Test Data\2025\MMOKA-1.EM6 (519)

Date: 2025-05-18



Trace: 468

Site no : 2#CE Shield Room Data no. : 469
Env. / Ins. : Temp:23.1°C;Humi:48%;Press:101.20kPa LINE Phase : LINE
Limit : FCC PART 15B QP
Engineer : Nico Chen
EUT : LCD Display
Power : AC 120V/60Hz
M/N : QM5503
Test Mode : Type-C Mode (3840*2160)
Landscape Mode

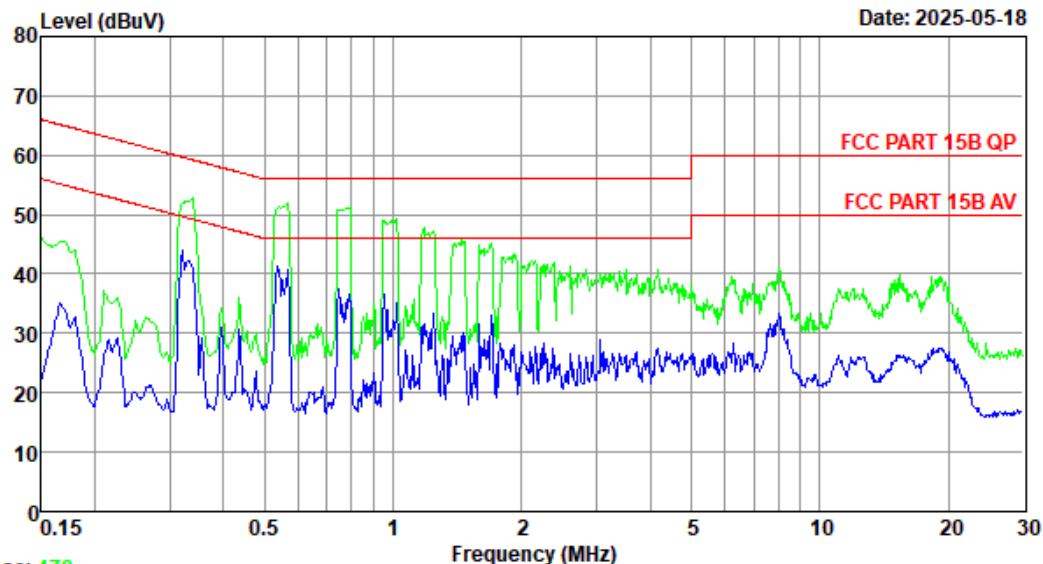
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Data: 471

File: \\EMC-CE-2\Test Data\2025\MMOKA-1.EM6 (519)

Date: 2025-05-18



Trace: 470

Site no : 2#CE Shield Room Data no. : 471
Env. / Ins. : Temp:23.1°C;Humi:48%;Press:101.20kPa LINE Phase : NEUTRAL
Limit : FCC PART 15B QP
Engineer : Nico Chen
EUT : LCD Display
Power : AC 120V/60Hz
M/N : QM5503
Test Mode : Type-C Mode (3840*2160)
Landscape Mode

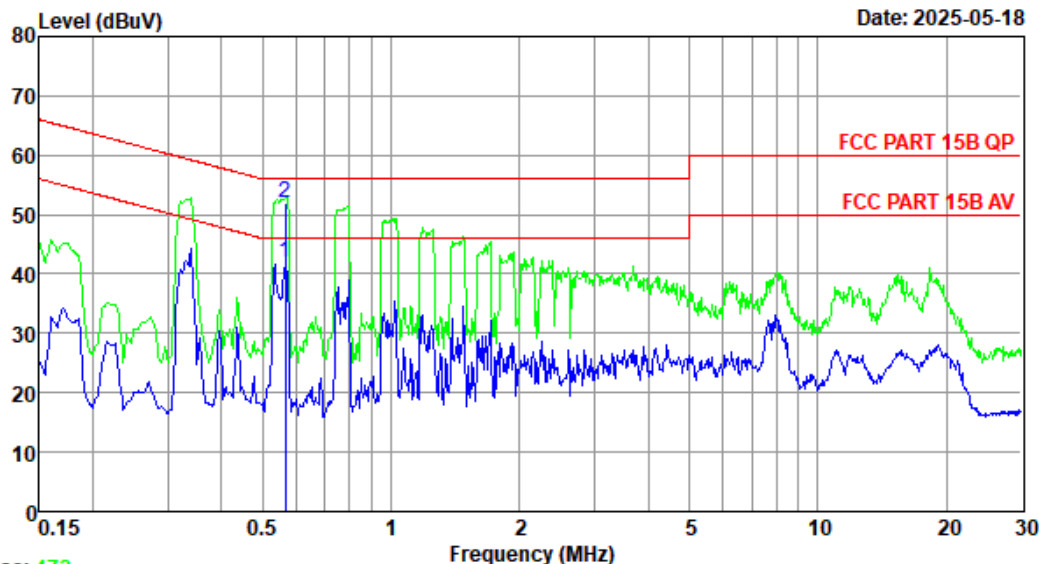
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File: \\EMC-CE-2\Test Data\2025\MMOKA-1.EM6 (519)

Date: 2025-05-18



Trace: 472

Site no : 2#CE Shield Room Data no. : 473
Env. / Ins. : Temp:23.1°C;Humi:48%;Press:101.20kPa LINE Phase : NEUTRAL
Limit : FCC PART 15B QP
Engineer : Nico Chen
EUT : LCD Display
Power : AC 120V/60Hz
M/N : QM5503
Test Mode : USB Play
Landscape Mode

	Freq. (MHz)	LISN Factor (dB)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuV)	Limits (dBuV)	Margin (dB)	Remark
1	0.56	9.56	9.88	22.57	42.01	46.00	3.99	Average
2	0.56	9.56	9.88	32.66	52.10	56.00	3.90	QP

Remarks: 1. Emission Level= LISN Factor + Cable Loss + Reading.
2. Margin= Limit - Emission Level.
3. 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.

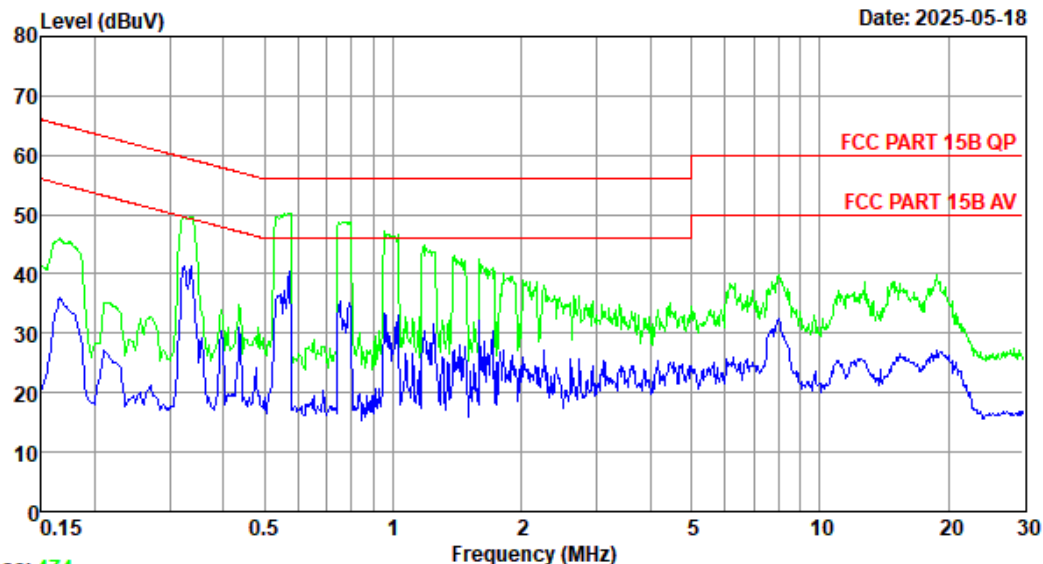
EST Technology

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Data: 475

File: \\EMC-CE-2\Test Data\2025\MMOKA-1.EM6 (519)

Date: 2025-05-18



Trace: 474

Site no : 2#CE Shield Room Data no. : 475
Env. / Ins. : Temp:23.1°C;Humi:48%;Press:101.20kPa LINE Phase : LINE
Limit : FCC PART 15B QP
Engineer : Nico Chen
EUT : LCD Display
Power : AC 120V/60Hz
M/N : QM5503
Test Mode : USB Play
Landscape Mode

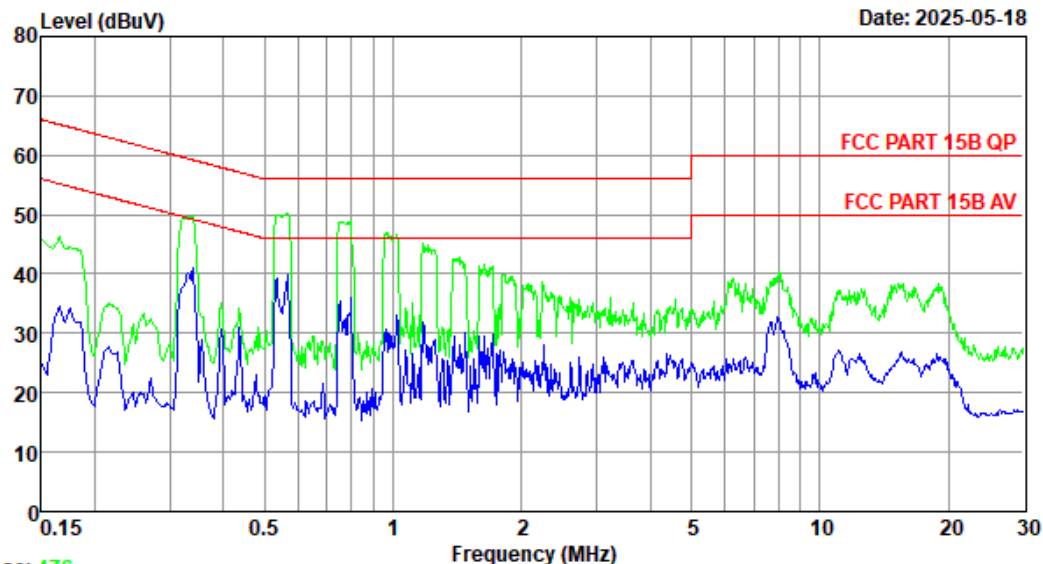
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Data: 477

File: \\EMC-CE-2\Test Data\2025\MMOKA-1.EM6 (519)

Date: 2025-05-18



Trace: 476

Site no : 2#CE Shield Room Data no. : 477
Env. / Ins. : Temp:23.1°C;Humi:48%;Press:101.20kPa LINE Phase : LINE
Limit : FCC PART 15B QP
Engineer : Nico Chen
EUT : LCD Display
Power : AC 120V/60Hz
M/N : QM5503
Test Mode : Connect to PC
Landscape Mode

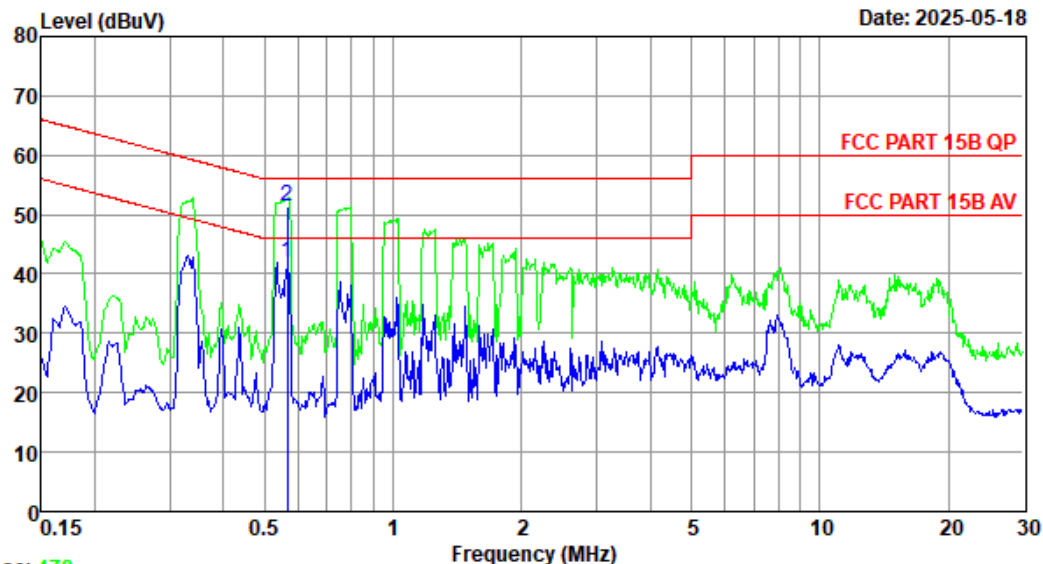
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Data: 479

File: \\EMC-CE-2\Test Data\2025\MMOKA-1.EM6 (519)

Date: 2025-05-18



Site no : 2#CE Shield Room Data no. : 479
Env. / Ins. : Temp:23.1°C;Humi:48%;Press:101.20kPa LINE Phase : NEUTRAL
Limit : FCC PART 15B QP
Engineer : Nico Chen
EUT : LCD Display
Power : AC 120V/60Hz
M/N : QM5503
Test Mode : Connect to PC
Landscape Mode

	Freq. (MHz)	LISN Factor (dB)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuV)	Limits (dBuV)	Margin (dB)	Remark
1	0.56	9.56	9.88	22.61	42.05	46.00	3.95	Average
2	0.56	9.56	9.88	32.06	51.50	56.00	4.50	QP

Remarks: 1. Emission Level= LISN Factor + Cable Loss + Reading.
2. Margin= Limit - Emission Level.
3. 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.

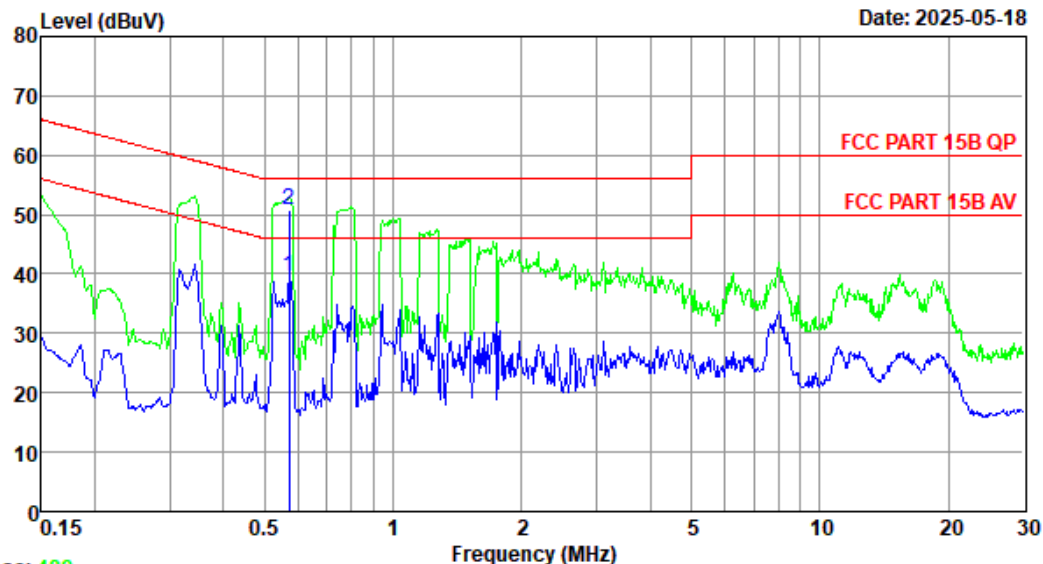
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Data: 481

File: \\EMC-CE-2\Test Data\2025\MMOKA-1.EM6 (519)

Date: 2025-05-18



Trace: 480

Site no : 2#CE Shield Room Data no. : 481
Env. / Ins. : Temp:23.1°C;Humi:48%;Press:101.20kPa LINE Phase : NEUTRAL
Limit : FCC PART 15B QP
Engineer : Nico Chen
EUT : LCD Display
Power : AC 240V/50Hz
M/N : QM5503
Test Mode : Connect to PC
Landscape Mode

	Freq. (MHz)	LISN Factor (dB)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuV)	Limits (dBuV)	Margin (dB)	Remark
1	0.57	9.56	9.88	20.18	39.62	46.00	6.38	Average
2	0.57	9.56	9.88	31.46	50.90	56.00	5.10	QP

Remarks: 1. Emission Level= LISN Factor + Cable Loss + Reading.
2. Margin= Limit - Emission Level.
3. 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.

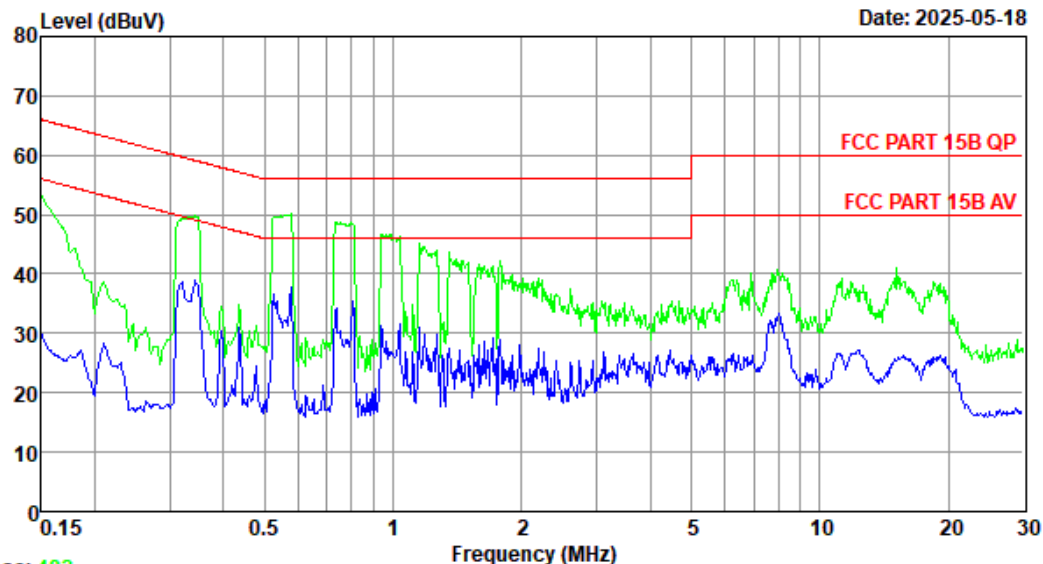
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Data: 483

File: \\EMC-CE-2\Test Data\2025\MMOKA-1.EM6 (519)

Date: 2025-05-18



Trace: 482

Site no : 2#CE Shield Room Data no. : 483
Env. / Ins. : Temp:23.1°C;Humi:48%;Press:101.20kPa LINE Phase : LINE
Limit : FCC PART 15B QP
Engineer : Nico Chen
EUT : LCD Display
Power : AC 240V/50Hz
M/N : QM5503
Test Mode : Connect to PC
Landscape Mode

4.2. Radiated Emission Test (30MHz-1000MHz)

RESULT : **Pass**
Test procedure : ANSI C63.4-2014
Frequency range : 30MHz-1000MHz
Test Site : 1#966 Chamber
Limits : FCC Part 15:2023 Class B

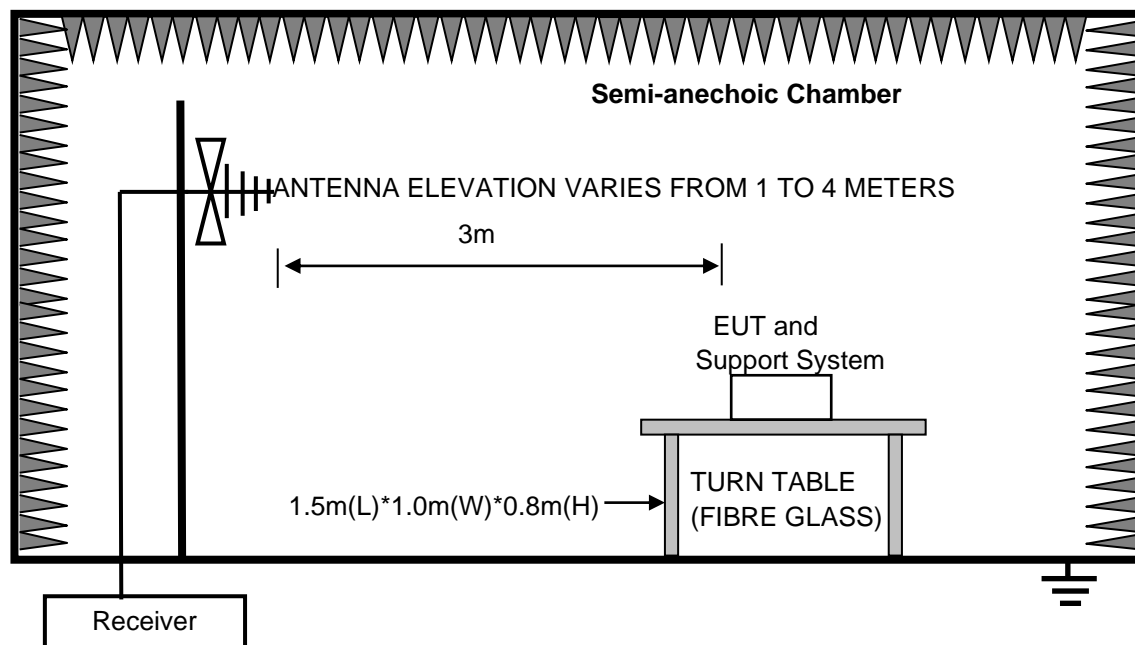
Test Setup

Date of test : May. 17, 2025
Model No. : QM5503
Input Voltage : AC 240V/50Hz, AC 120V/60Hz
Operation Mode : USB Play, HDMI Mode, Type-C Mode, Connect to PC

The EUT was placed on a turn table which was 0.8 m above the ground. The turn table can rotate 360 degrees to determine the position of the maximum emission level. The EUT was set 3 m distance from the receiving antenna which was mounted on an antenna tower. The measuring antenna moved up and down to find out the maximum emission level. It moved from 1 m to 4 m for both horizontal and vertical polarizations.

The EUT was tested in the Chamber Site. It was pre-scanned with a Peak detector from the spectrum, and all the final readings from the test receiver were measured with the Quasi-Peak detector.

The bandwidth setting on the test receiver was 120 kHz.



Note: Test uncertainty: ± 4.36 dB (H); ± 4.72 dB (V) at a level of confidence of 95%. (1#966)

Test Data

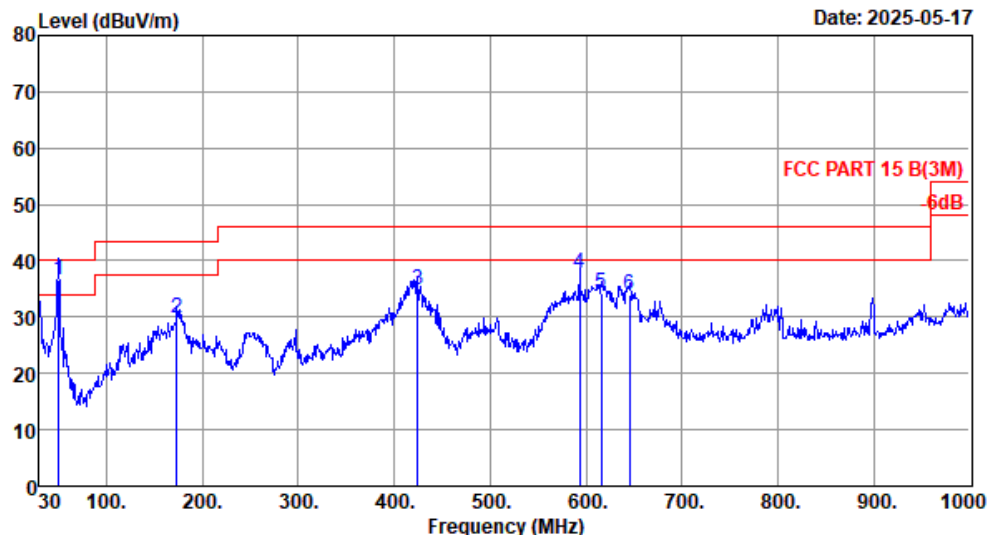
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Data: 161

File: \\EMC-966-1\\test data\\2025\\MMOKA-QM5503.EM6 (192)

Date: 2025-05-17



Site no. : 1# 966 Chamber Data no. : 161
Dis. / Ant. : 3m 37062 Ant. pol. : VERTICAL
Limit : FCC PART 15 B(3M)
Env. / Ins. : Temp:22.4°C.Humi:53%;Press:101.1KPa
Engineer : Ted Deng
EUT : LCD Display
Power : AC 120V/60Hz
M/N : QM5503
Test Mode : Type-C Mode(3840*2160)
Portrait Mode

	Freq. (MHz)	ANT Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	50.37	8.90	0.97	26.70	36.57	40.00	3.43	QP
2	173.56	9.60	1.90	18.26	29.76	43.50	13.74	QP
3	424.79	17.10	3.14	14.66	34.90	46.00	11.10	QP
4	593.57	19.67	3.80	14.20	37.67	46.00	8.33	QP
5	615.88	20.12	3.88	10.26	34.26	46.00	11.74	QP
6	644.98	20.90	3.99	9.07	33.96	46.00	12.04	QP

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

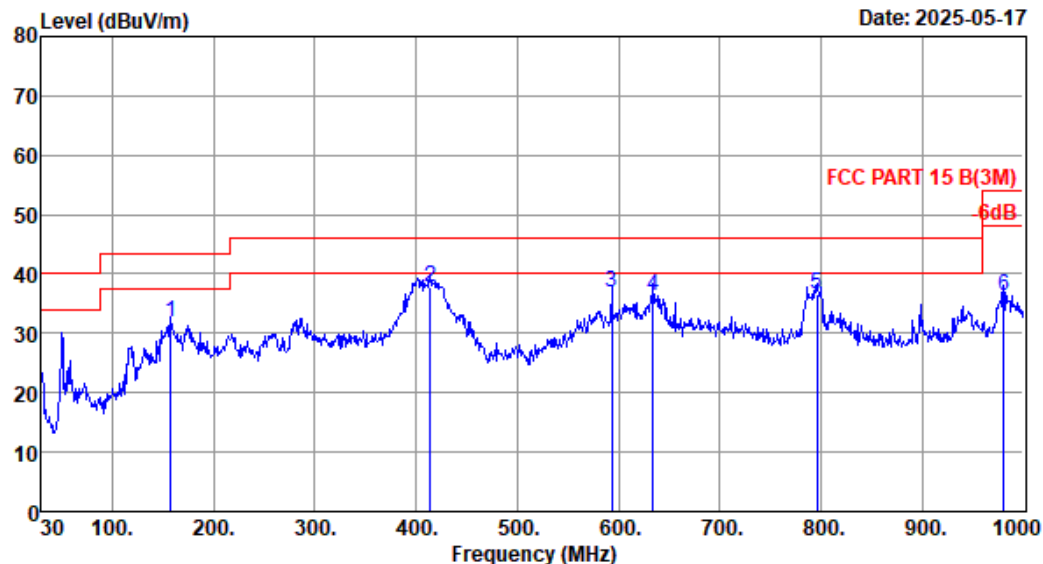
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Data: 162

File: \\EMC-966-1\\test data\\2025\\MMOKA-QM5503.EM6 (192)

Date: 2025-05-17



Site no. : 1# 966 Chamber Data no. : 162
Dis. / Ant. : 3m 37062 Ant. pol. : HORIZONTAL
Limit : FCC PART 15 B(3M)
Env. / Ins. : Temp:22.4°C,Humi:53%;Press:101.1KPa
Engineer : Ted Deng
EUT : LCD Display
Power : AC 120V/60Hz
M/N : QM5503
Test Mode : Type-C Mode(3840*2160)
Portrait Mode

	Freq. (MHz)	ANT Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	158.04	11.00	1.81	18.93	31.74	43.50	11.76	QP
2	414.12	16.62	3.10	18.05	37.77	46.00	8.23	QP
3	593.57	19.67	3.80	13.28	36.75	46.00	9.25	QP
4	634.31	20.78	3.95	11.64	36.37	46.00	9.63	QP
5	796.30	21.82	4.52	10.17	36.51	46.00	9.49	QP
6	980.60	24.38	5.09	6.71	36.18	54.00	17.82	QP

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

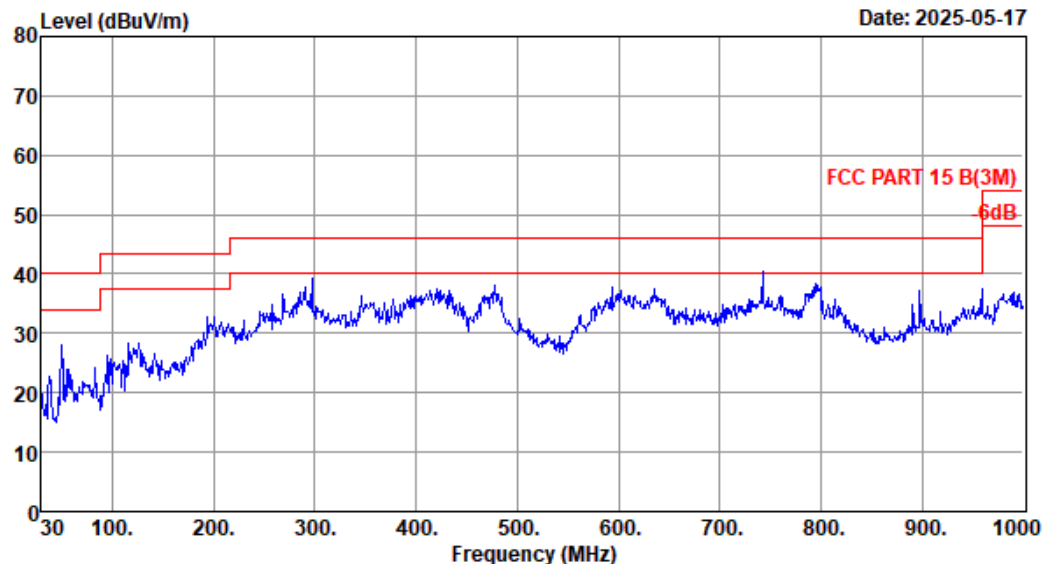
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Data: 163

File: \\EMC-966-1\test data\2025\MMOKA-QM5503.EM6 (192)

Date: 2025-05-17



Site no.	: 1# 966 Chamber	Data no.	: 163
Dis. / Ant.	: 3m 37062	Ant. pol.	: HORIZONTAL
Limit	: FCC PART 15 B(3M)		
Env. / Ins.	: Temp:22.4°C.Humi:53%;Press:101.1KPa		
Engineer	: Ted Deng		
EUT	: LCD Display		
Power	: AC 240V/50Hz		
M/N	: QM5503		
Test Mode	: Type-C Mode(3840*2160) Portrait Mode		

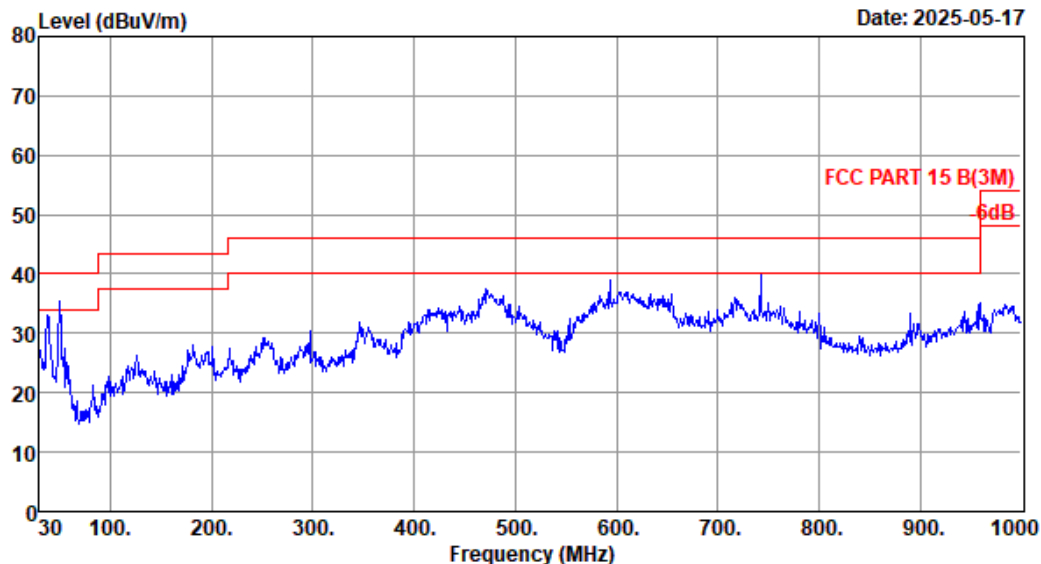
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Data: 164

File: \\EMC-966-1\test data\2025\MMOKA-QM5503.EM6 (192)

Date: 2025-05-17



Site no. : 1# 966 Chamber Data no. : 164
Dis. / Ant. : 3m 37062 Ant. pol. : VERTICAL
Limit : FCC PART 15 B(3M)
Env. / Ins. : Temp:22.4°C.Humi:53%;Press:101.1KPa
Engineer : Ted Deng
EUT : LCD Display
Power : AC 240V/50Hz
M/N : QM5503
Test Mode : Type-C Mode(3840*2160)
Portrait Mode

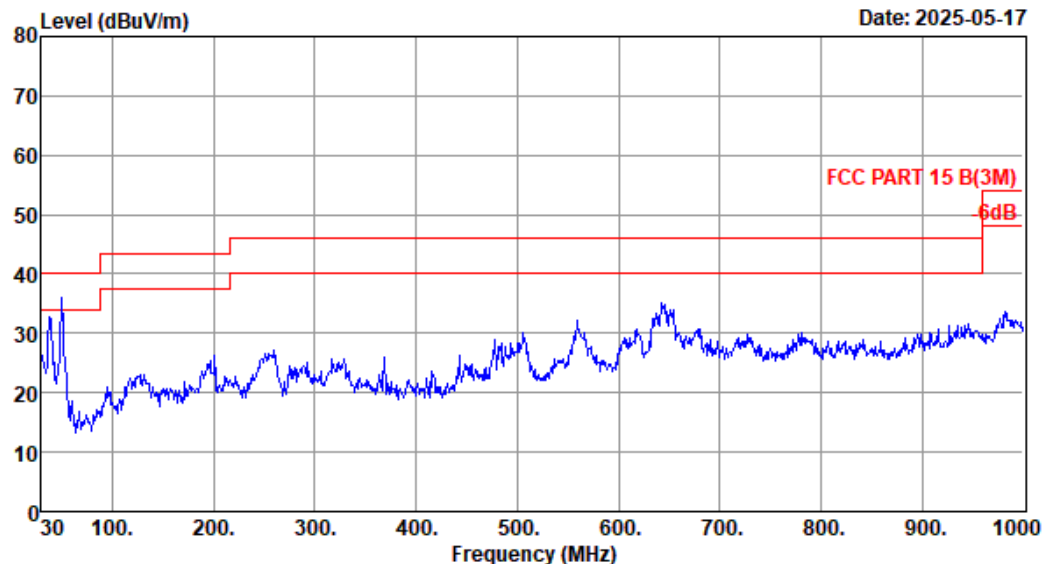
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Data: 165

File: \\EMC-966-1\test data\2025\MMOKA-QM5503.EM6 (192)

Date: 2025-05-17



Site no. : 1# 966 Chamber Data no. : 165
Dis. / Ant. : 3m 37062 Ant. pol. : VERTICAL
Limit : FCC PART 15 B(3M)
Env. / Ins. : Temp:22.4°C.Humi:53%;Press:101.1KPa
Engineer : Ted Deng
EUT : LCD Display
Power : AC 240V/50Hz
M/N : QM5503
Test Mode : USB Play
Portrait Mode

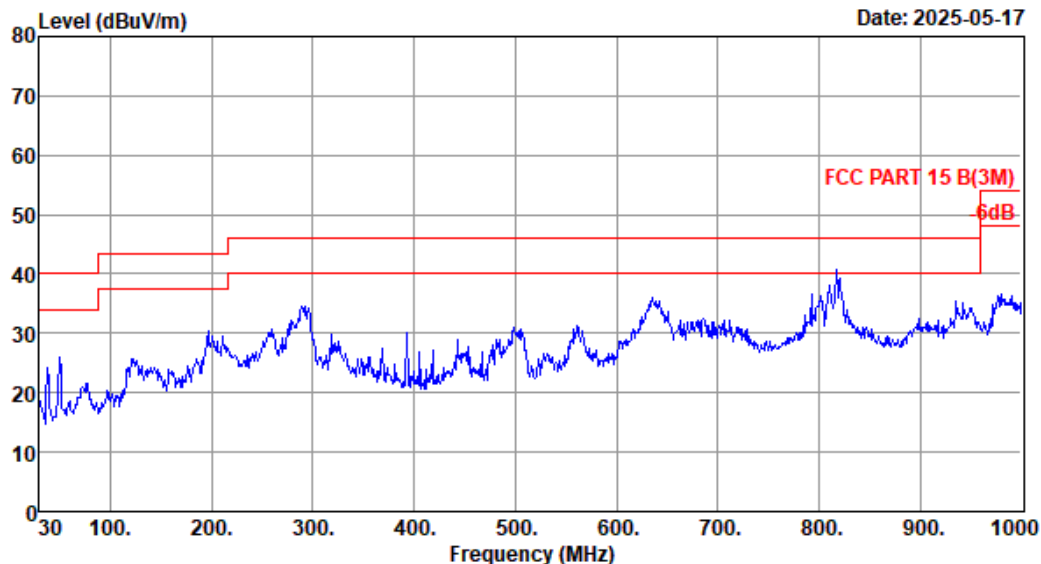
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Data: 166

File: \\EMC-966-1\test data\2025\MMOKA-QM5503.EM6 (192)

Date: 2025-05-17



Site no.	: 1# 966 Chamber	Data no.	: 166
Dis. / Ant.	: 3m 37062	Ant. pol.	: HORIZONTAL
Limit	: FCC PART 15 B(3M)		
Env. / Ins.	: Temp:22.4°C.Humi:53%;Press:101.1KPa		
Engineer	: Ted Deng		
EUT	: LCD Display		
Power	: AC 240V/50Hz		
M/N	: QM5503		
Test Mode	: USB Play		
	Portrait Mode		

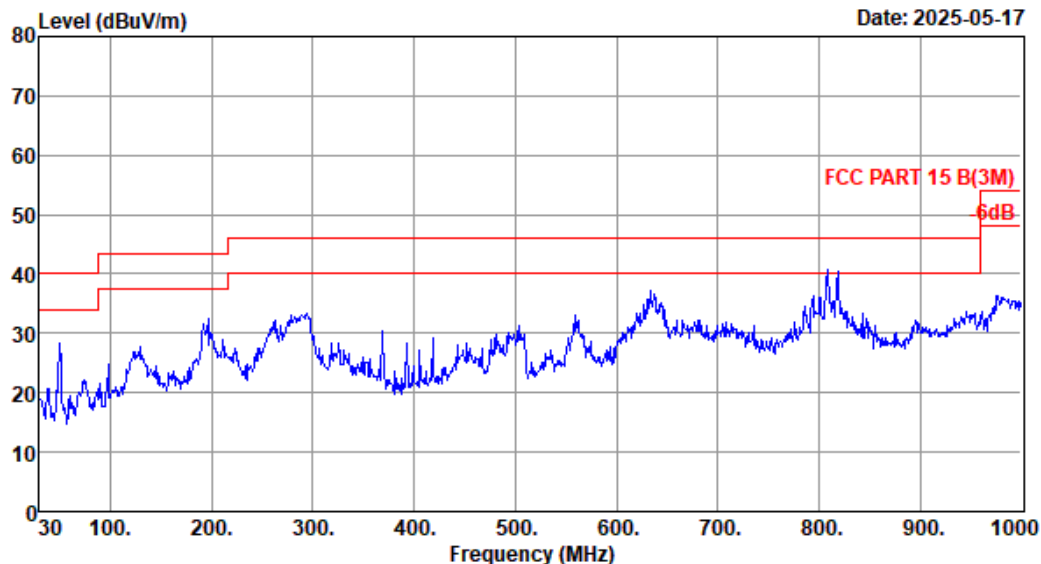
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Data: 167

File: \\EMC-966-1\test data\2025\MMOKA-QM5503.EM6 (192)

Date: 2025-05-17



Site no.	: 1# 966 Chamber	Data no.	: 167
Dis. / Ant.	: 3m 37062	Ant. pol.	: HORIZONTAL
Limit	: FCC PART 15 B(3M)		
Env. / Ins.	: Temp:22.4°C.Humi:53%;Press:101.1KPa		
Engineer	: Ted Deng		
EUT	: LCD Display		
Power	: AC 120V/60Hz		
M/N	: QM5503		
Test Mode	: USB Play		
	: Portrait Mode		

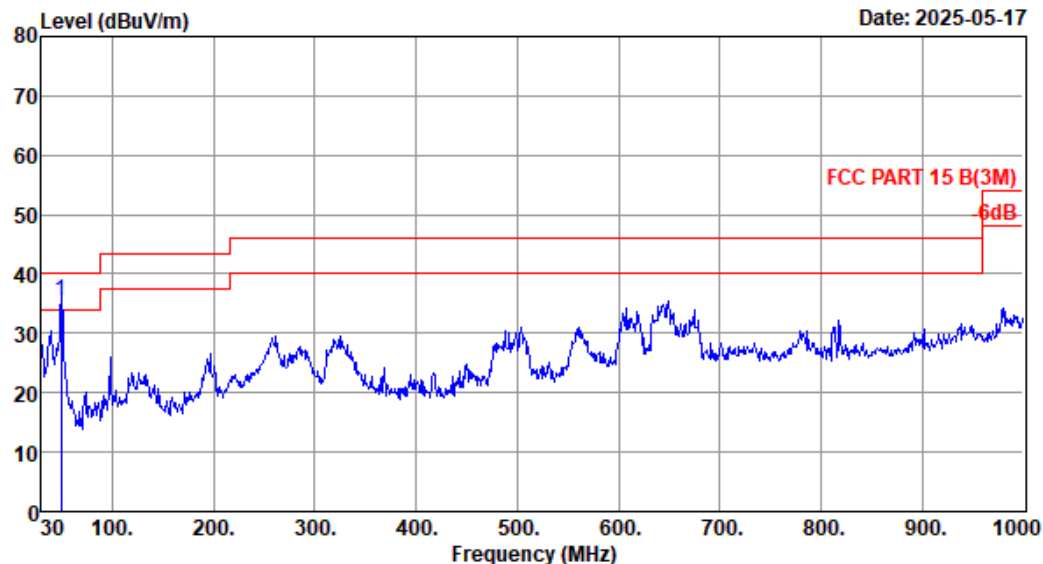
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Data: 168

File: \\EMC-966-1\\test data\\2025\\MMOKA-QM5503.EM6 (192)

Date: 2025-05-17



Site no. : 1# 966 Chamber Data no. : 168
Dis. / Ant. : 3m 37062 Ant. pol. : VERTICAL
Limit : FCC PART 15 B(3M)
Env. / Ins. : Temp:22.4°C.Humi:53%;Press:101.1KPa
Engineer : Ted Deng
EUT : LCD Display
Power : AC 120V/60Hz
M/N : QM5503
Test Mode : USB Play
Portrait Mode

	Freq. (MHz)	ANT Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	49.40	9.40	0.96	25.14	35.50	40.00	4.50	QP

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

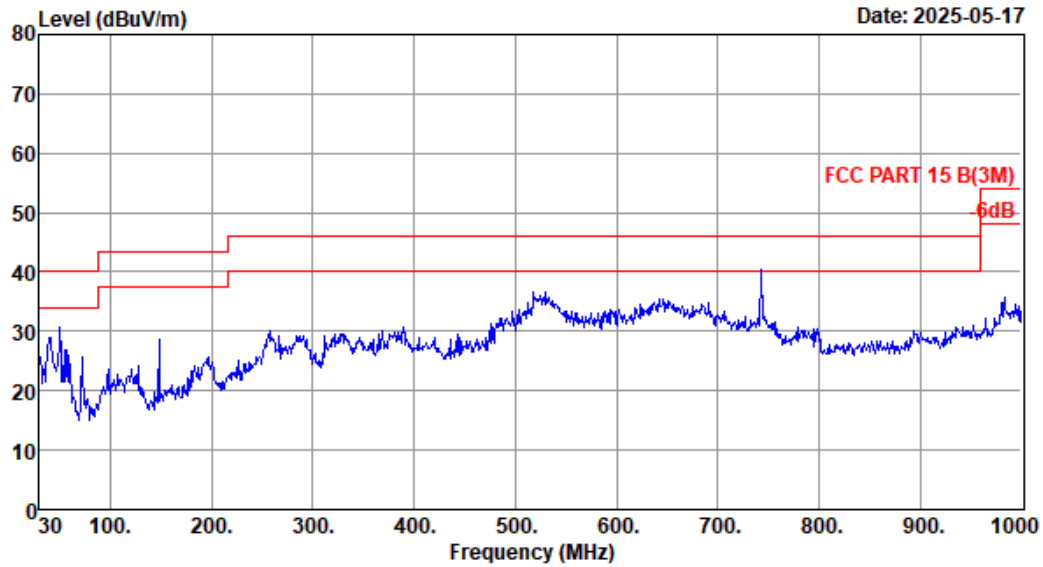
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Data: 169

File: \\EMC-966-1\test data\2025\MMOKA-QM5503.EM6 (192)

Date: 2025-05-17



Site no. : 1# 966 Chamber Data no. : 169
Dis. / Ant. : 3m 37062 Ant. pol. : VERTICAL
Limit : FCC PART 15 B(3M)
Env. / Ins. : Temp:22.4°C.Humi:53%;Press:101.1KPa
Engineer : Ted Deng
EUT : LCD Display
Power : AC 120V/60Hz
M/N : QM5503
Test Mode : HDMI Mode(3840*2160)
Portrait Mode

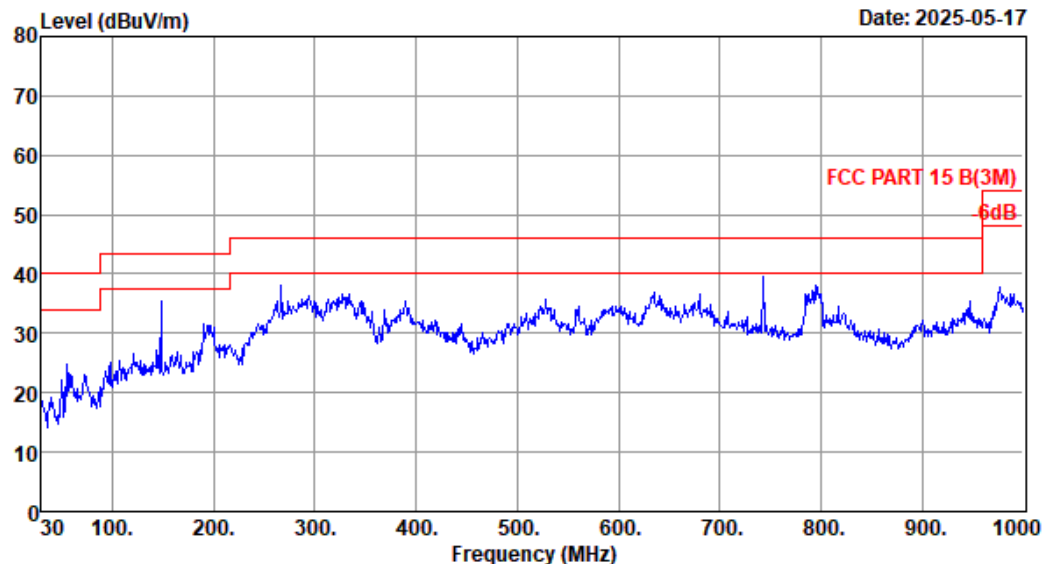
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Data: 170

File: \\EMC-966-1\test data\2025\MMOKA-QM5503.EM6 (192)

Date: 2025-05-17



Site no.	: 1# 966 Chamber	Data no.	: 170
Dis. / Ant.	: 3m 37062	Ant. pol.	: HORIZONTAL
Limit	: FCC PART 15 B(3M)		
Env. / Ins.	: Temp:22.4°C.Humi:53%;Press:101.1KPa		
Engineer	: Ted Deng		
EUT	: LCD Display		
Power	: AC 120V/60Hz		
M/N	: QM5503		
Test Mode	: HDMI Mode(3840*2160) Portrait Mode		

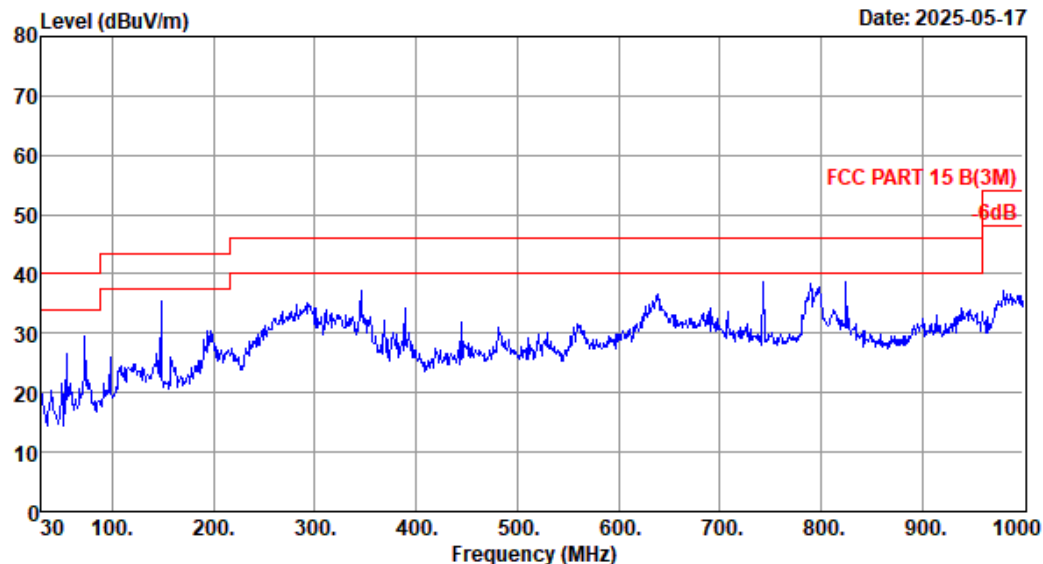
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Data: 171

File: \\EMC-966-1\test data\2025\MMOKA-QM5503.EM6 (192)

Date: 2025-05-17



Site no. : 1# 966 Chamber Data no. : 171
Dis. / Ant. : 3m 37062 Ant. pol. : HORIZONTAL
Limit : FCC PART 15 B(3M)
Env. / Ins. : Temp:22.4°C.Humi:53%;Press:101.1KPa
Engineer : Ted Deng
EUT : LCD Display
Power : AC 240V/50Hz
M/N : QM5503
Test Mode : HDMI Mode(3840*2160)
Portrait Mode

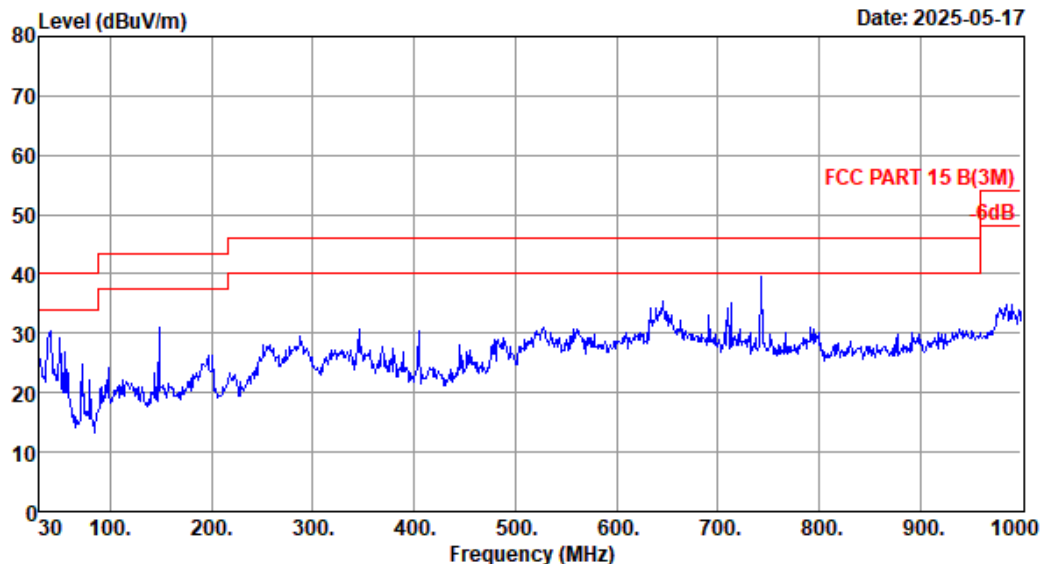
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Data: 172

File: \\EMC-966-1\test data\2025\MMOKA-QM5503.EM6 (192)

Date: 2025-05-17



Site no. : 1# 966 Chamber Data no. : 172
Dis. / Ant. : 3m 37062 Ant. pol. : VERTICAL
Limit : FCC PART 15 B(3M)
Env. / Ins. : Temp:22.4°C.Humi:53%;Press:101.1KPa
Engineer : Ted Deng
EUT : LCD Display
Power : AC 240V/50Hz
M/N : QM5503
Test Mode : HDMI Mode(3840*2160)
Portrait Mode

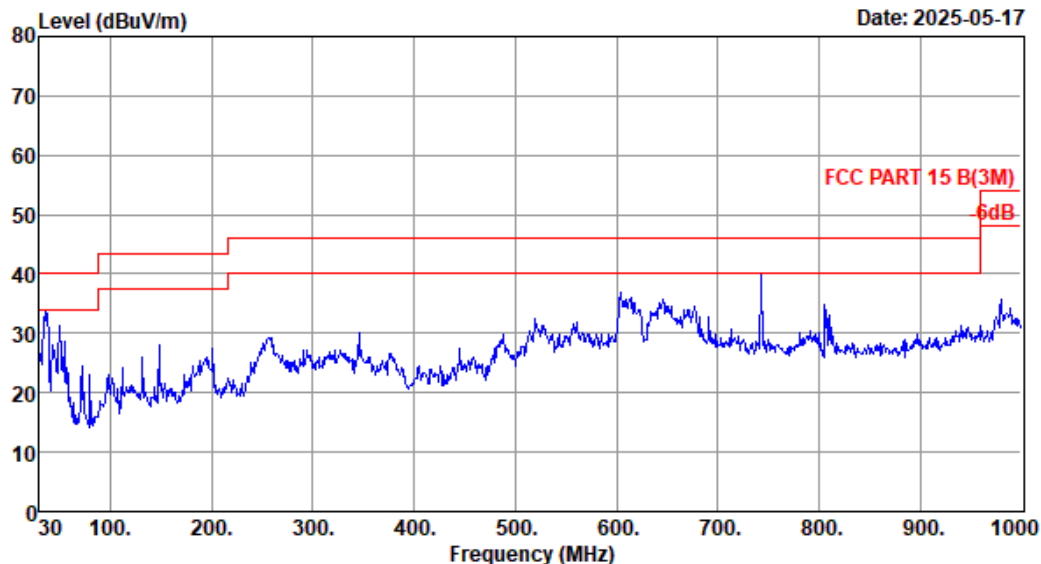
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Data: 173

File: \\EMC-966-1\\test data\\2025\\MIMOKA-QM5503.EM6 (192)

Date: 2025-05-17



Site no.	: 1# 966 Chamber	Data no.	: 173
Dis. / Ant.	: 3m 37062	Ant. pol.	: VERTICAL
Limit	: FCC PART 15 B(3M)		
Env. / Ins.	: Temp:22.4°C.Humi:53%;Press:101.1KPa		
Engineer	: Ted Deng		
EUT	: LCD Display		
Power	: AC 240V/50Hz		
M/N	: QM5503		
Test Mode	: Connect to PC Portrait Mode		

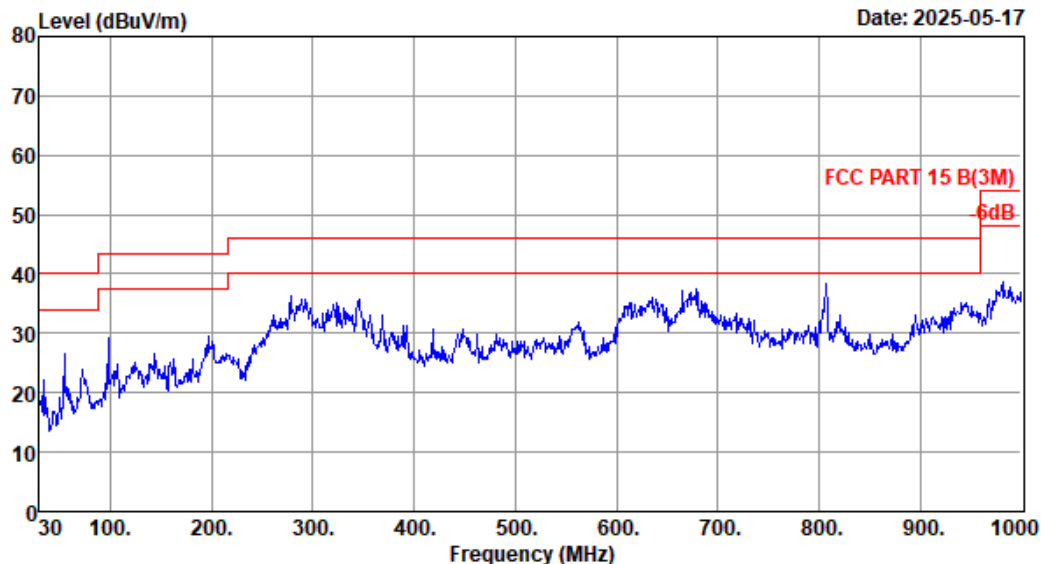
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Data: 174

File: \\EMC-966-1\test data\2025\MMOKA-QM5503.EM6 (192)

Date: 2025-05-17



Site no. : 1# 966 Chamber Data no. : 174
Dis. / Ant. : 3m 37062 Ant. pol. : HORIZONTAL
Limit : FCC PART 15 B(3M)
Env. / Ins. : Temp:22.4°C.Humi:53%;Press:101.1KPa
Engineer : Ted Deng
EUT : LCD Display
Power : AC 240V/50Hz
M/N : QM5503
Test Mode : Connect to PC
Portrait Mode

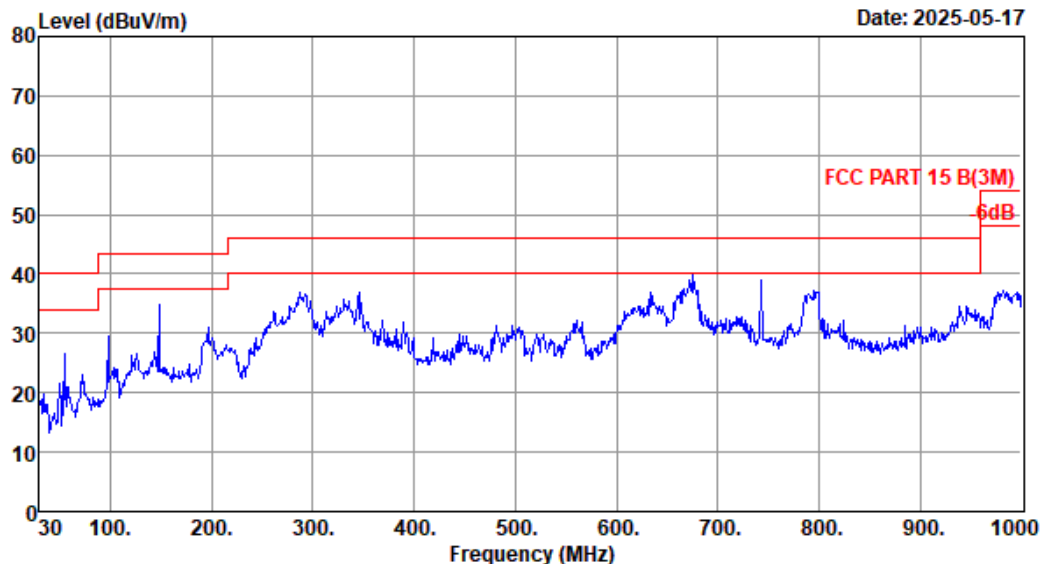
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Data: 175

File: \\EMC-966-1\test data\2025\MMOKA-QM5503.EM6 (192)

Date: 2025-05-17



Site no. : 1# 966 Chamber Data no. : 175
Dis. / Ant. : 3m 37062 Ant. pol. : HORIZONTAL
Limit : FCC PART 15 B(3M)
Env. / Ins. : Temp:22.4°C.Humi:53%;Press:101.1KPa
Engineer : Ted Deng
EUT : LCD Display
Power : AC 120V/60Hz
M/N : QM5503
Test Mode : Connect to PC
Portrait Mode

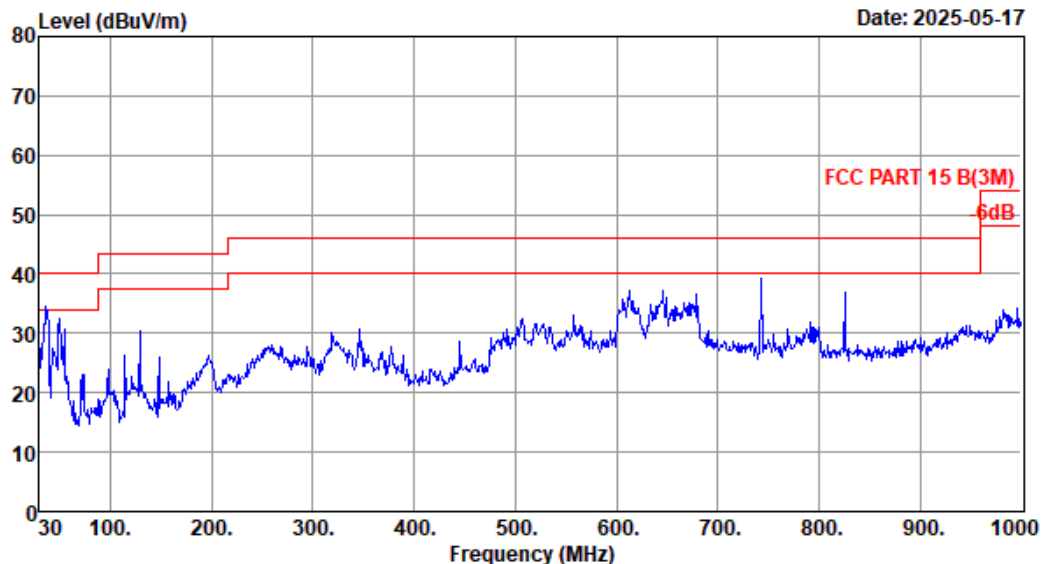
EST Technology

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Fax: +86-769-83081878

Data: 176

File: \\EMC-966-1\\test data\\2025\\MIMOKA-QM5503.EM6 (192)

Date: 2025-05-17



Site no. : 1# 966 Chamber Data no. : 176
Dis. / Ant. : 3m 37062 Ant. pol. : VERTICAL
Limit : FCC PART 15 B(3M)
Env. / Ins. : Temp:22.4°C.Humi:53%;Press:101.1KPa
Engineer : Ted Deng
EUT : LCD Display
Power : AC 120V/60Hz
M/N : QM5503
Test Mode : Connect to PC
Portrait Mode

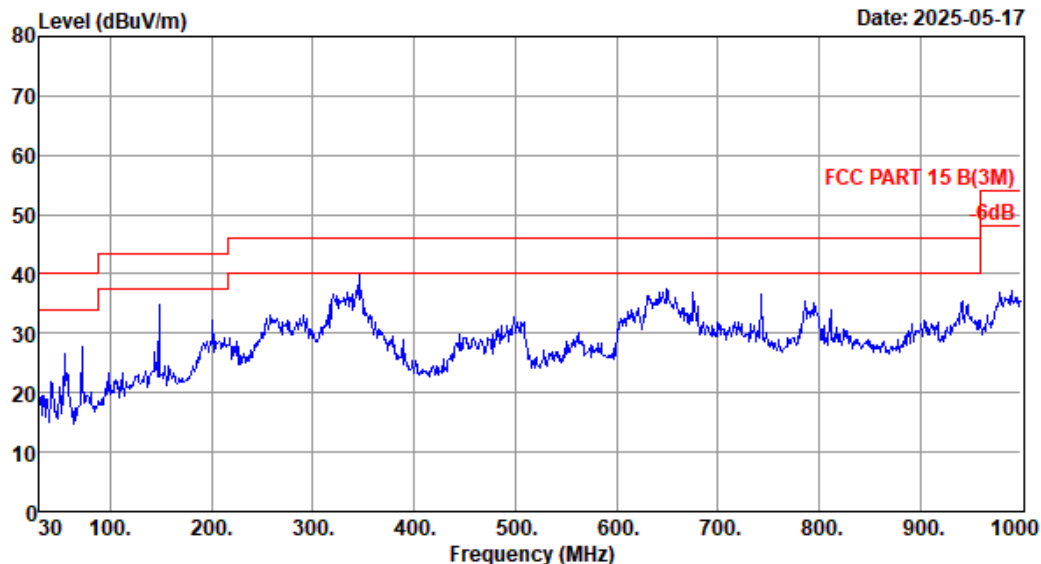
EST Technology

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Data: 177

File: \\EMC-966-1\test data\2025\MMOKA-QM5503.EM6 (192)

Date: 2025-05-17



Site no. : 1# 966 Chamber Data no. : 177
Dis. / Ant. : 3m 37062 Ant. pol. : HORIZONTAL
Limit : FCC PART 15 B(3M)
Env. / Ins. : Temp:22.4°C.Humi:53%;Press:101.1KPa
Engineer : Ted Deng
EUT : LCD Display
Power : AC 240V/50Hz
M/N : QM5503
Test Mode : Connect to PC
Landscape Mode

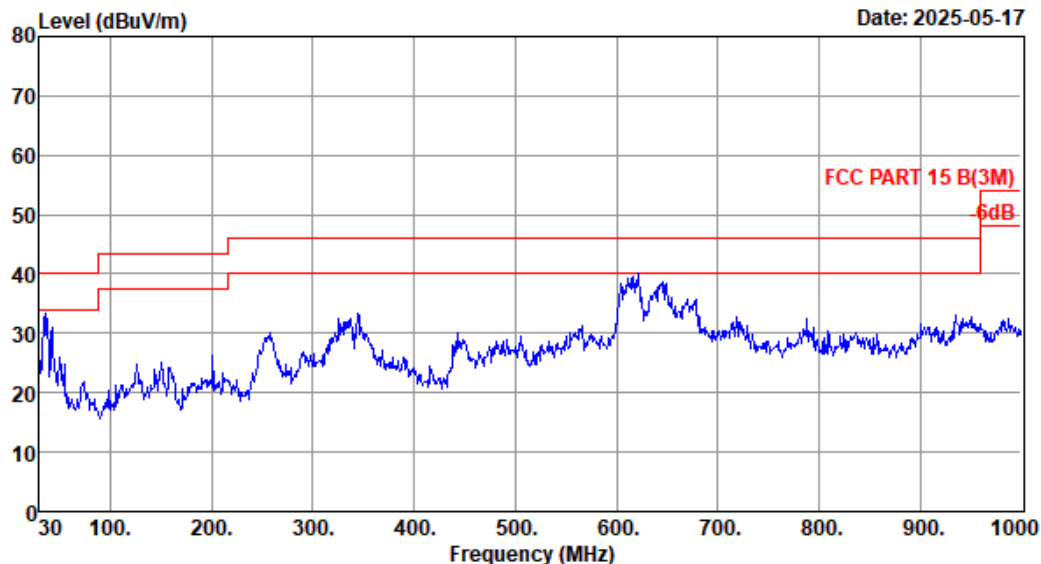
EST Technology

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Data: 178

File: \\EMC-966-1\test data\2025\MMOKA-QM5503.EM6 (192)

Date: 2025-05-17



Site no. : 1# 966 Chamber Data no. : 178
Dis. / Ant. : 3m 37062 Ant. pol. : VERTICAL
Limit : FCC PART 15 B(3M)
Env. / Ins. : Temp:22.4°C.Humi:53%;Press:101.1KPa
Engineer : Ted Deng
EUT : LCD Display
Power : AC 240V/50Hz
M/N : QM5503
Test Mode : Connect to PC
Landscape Mode

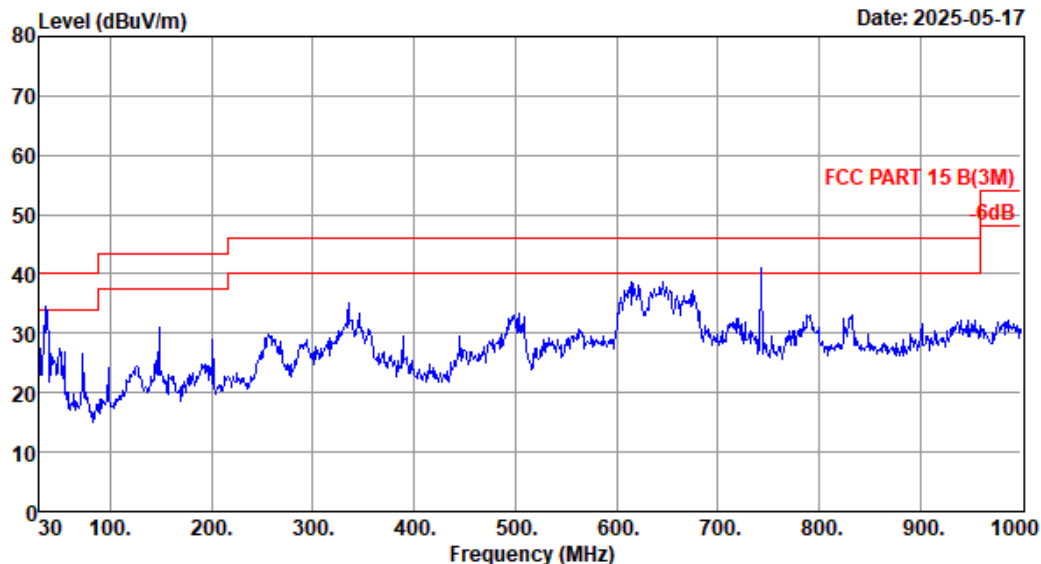
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Data: 179

File: \\EMC-966-1\test data\2025\MMOKA-QM5503.EM6 (192)

Date: 2025-05-17



Site no.	: 1# 966 Chamber	Data no.	: 179
Dis. / Ant.	: 3m 37062	Ant. pol.	: VERTICAL
Limit	: FCC PART 15 B(3M)		
Env. / Ins.	: Temp:22.4°C.Humi:53%;Press:101.1KPa		
Engineer	: Ted Deng		
EUT	: LCD Display		
Power	: AC 120V/60Hz		
M/N	: QM5503		
Test Mode	: Connect to PC Landscape Mode		

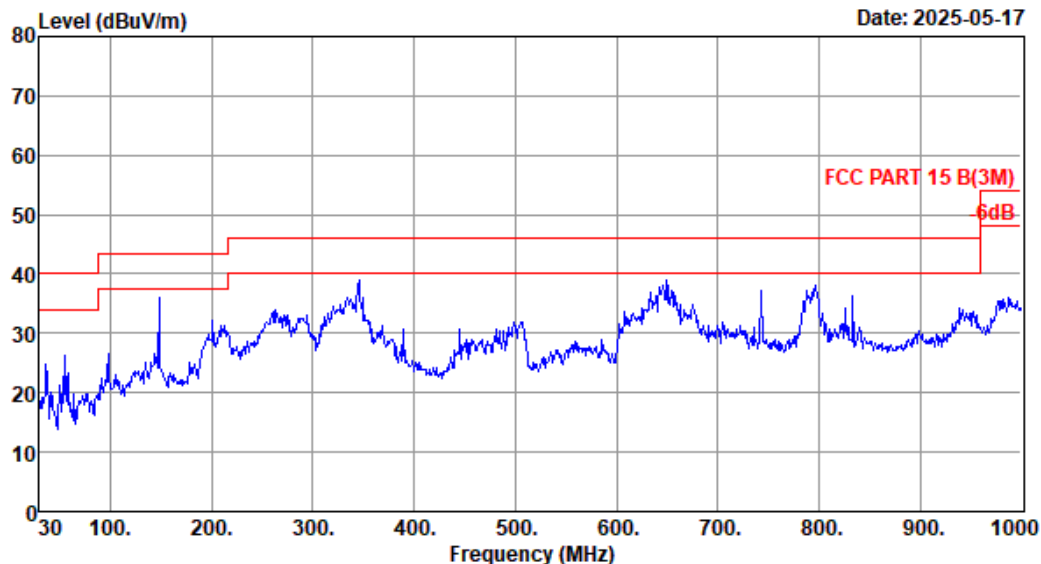
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Data: 180

File: \\EMC-966-1\\test data\\2025\\MIMOKA-QM5503.EM6 (192)

Date: 2025-05-17



Site no. : 1# 966 Chamber Data no. : 180
Dis. / Ant. : 3m 37062 Ant. pol. : HORIZONTAL
Limit : FCC PART 15 B(3M)
Env. / Ins. : Temp:22.4°C.Humi:53%;Press:101.1KPa
Engineer : Ted Deng
EUT : LCD Display
Power : AC 120V/60Hz
M/N : QM5503
Test Mode : Connect to PC
 Landscape Mode

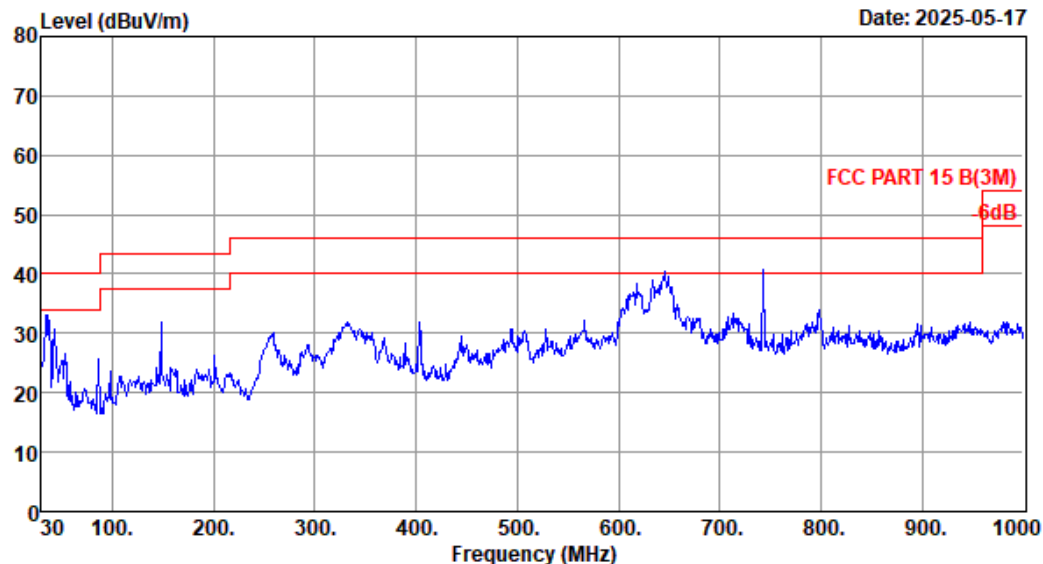
EST Technology

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Data: 181

File: \\EMC-966-1\test data\2025\MMOKA-QM5503.EM6 (192)

Date: 2025-05-17



Site no. : 1# 966 Chamber Data no. : 181
Dis. / Ant. : 3m 37062 Ant. pol. : VERTICAL
Limit : FCC PART 15 B(3M)
Env. / Ins. : Temp:22.4°C.Humi:53%;Press:101.1KPa
Engineer : Ted Deng
EUT : LCD Display
Power : AC 240V/50Hz
M/N : QM5503
Test Mode : HDMI Mode(3840*2160)
Landscape Mode

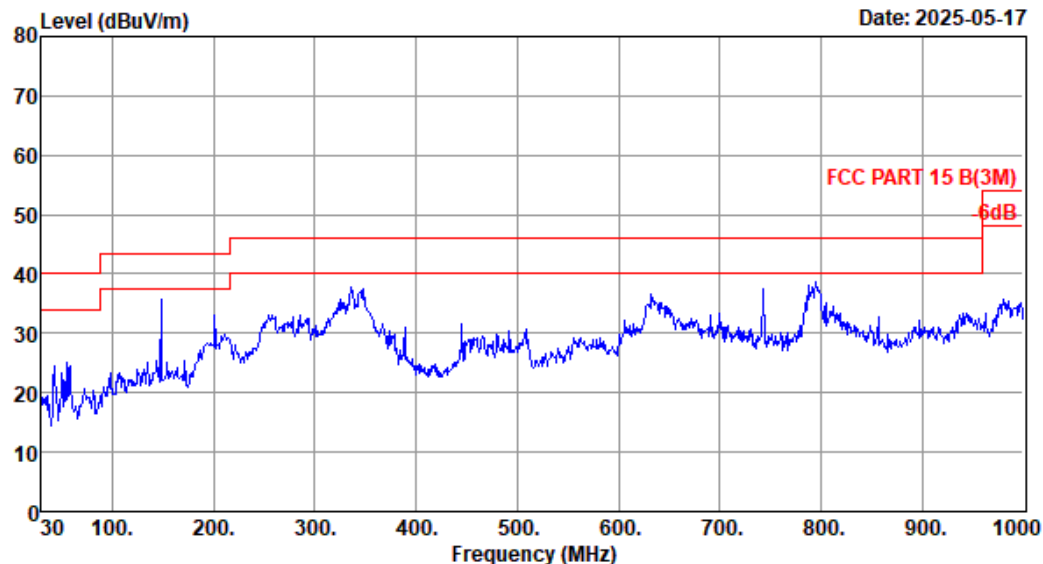
EST Technology

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Data: 182

File: \\EMC-966-1\test data\2025\MMOKA-QM5503.EM6 (192)

Date: 2025-05-17



Site no.	: 1# 966 Chamber	Data no.	: 182
Dis. / Ant.	: 3m 37062	Ant. pol.	: HORIZONTAL
Limit	: FCC PART 15 B(3M)		
Env. / Ins.	: Temp:22.4°C.Humi:53%;Press:101.1KPa		
Engineer	: Ted Deng		
EUT	: LCD Display		
Power	: AC 240V/50Hz		
M/N	: QM5503		
Test Mode	: HDMI Mode(3840*2160) Landscape Mode		

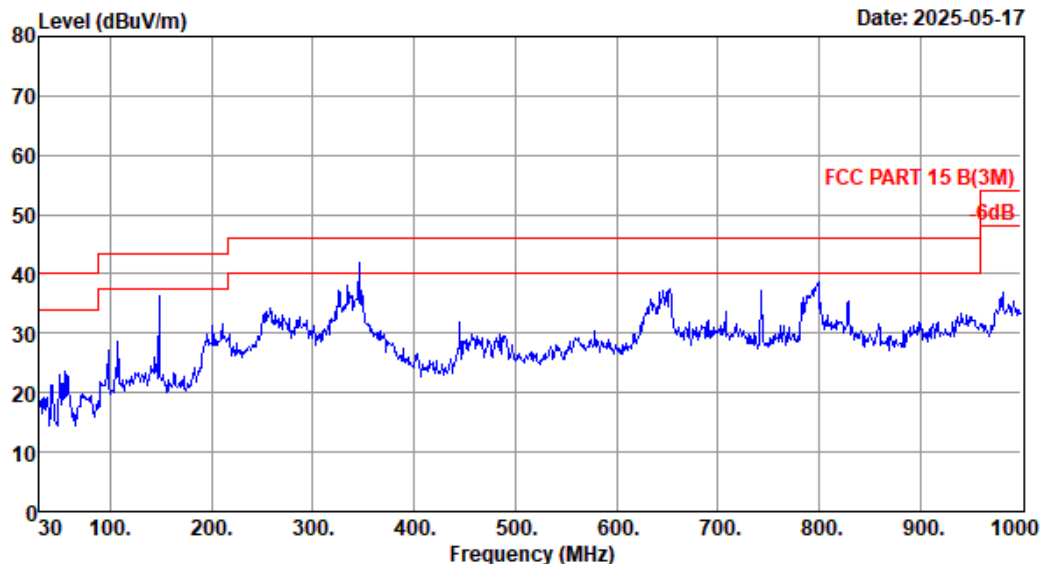
EST Technology

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Fax: +86-769-83081878

Data: 183

File: \\EMC-966-1\test data\2025\MMOKA-QM5503.EM6 (192)

Date: 2025-05-17



Site no.	: 1# 966 Chamber	Data no.	: 183
Dis. / Ant.	: 3m 37062	Ant. pol.	: HORIZONTAL
Limit	: FCC PART 15 B(3M)		
Env. / Ins.	: Temp:22.4°C.Humi:53%;Press:101.1KPa		
Engineer	: Ted Deng		
EUT	: LCD Display		
Power	: AC 120V/60Hz		
M/N	: QM5503		
Test Mode	: HDMI Mode(3840*2160)		
	: Landscape Mode		

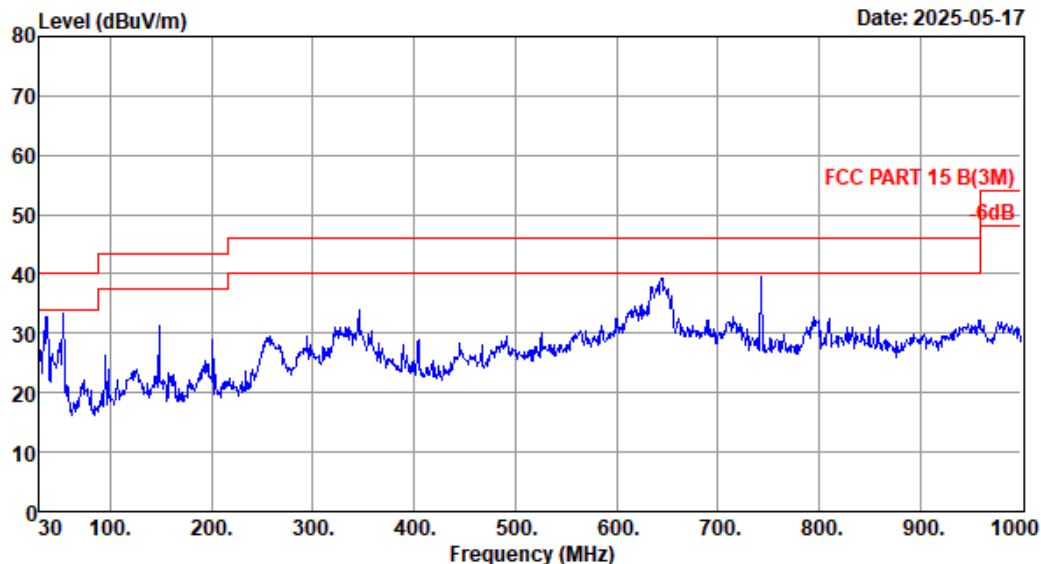
EST Technology

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Fax: +86-769-83081878

Data: 184

File: \\EMC-966-1\test data\2025\MMOKA-QM5503.EM6 (192)

Date: 2025-05-17



Site no. : 1# 966 Chamber Data no. : 184
Dis. / Ant. : 3m 37062 Ant. pol. : VERTICAL
Limit : FCC PART 15 B(3M)
Env. / Ins. : Temp:22.4°C.Humi:53%;Press:101.1KPa
Engineer : Ted Deng
EUT : LCD Display
Power : AC 120V/60Hz
M/N : QM5503
Test Mode : HDMI Mode(3840*2160)
Landscape Mode

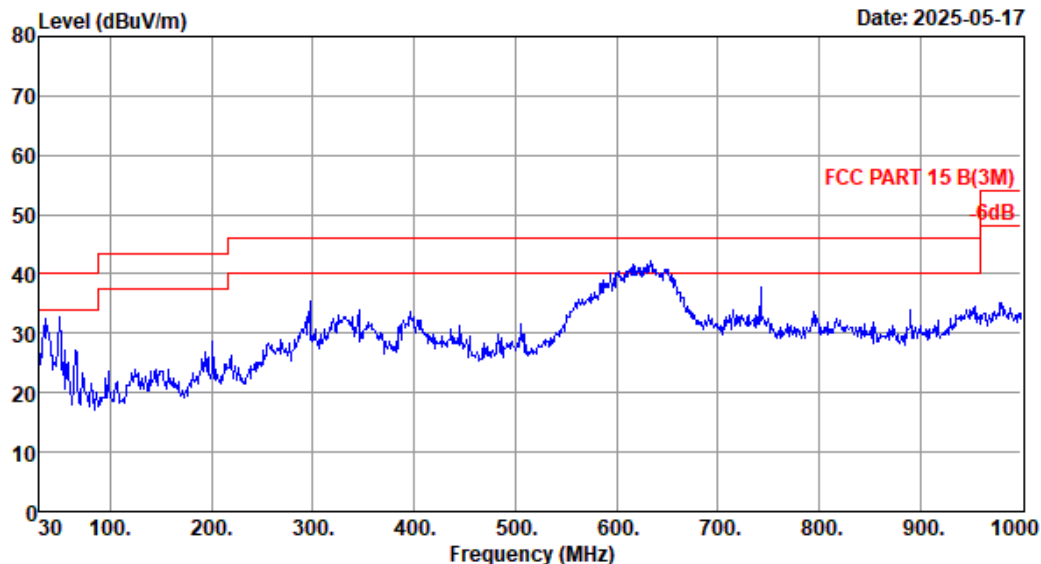
EST Technology

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Fax: +86-769-83081878

Data: 185

File: \\EMC-966-1\test data\2025\MMOKA-QM5503.EM6 (192)

Date: 2025-05-17



Site no. : 1# 966 Chamber Data no. : 185
Dis. / Ant. : 3m 37062 Ant. pol. : VERTICAL
Limit : FCC PART 15 B(3M)
Env. / Ins. : Temp:22.4°C.Humi:53%;Press:101.1KPa
Engineer : Ted Deng
EUT : LCD Display
Power : AC 120V/60Hz
M/N : QM5503
Test Mode : Type-C Mode (3840*2160)
Landscape Mode

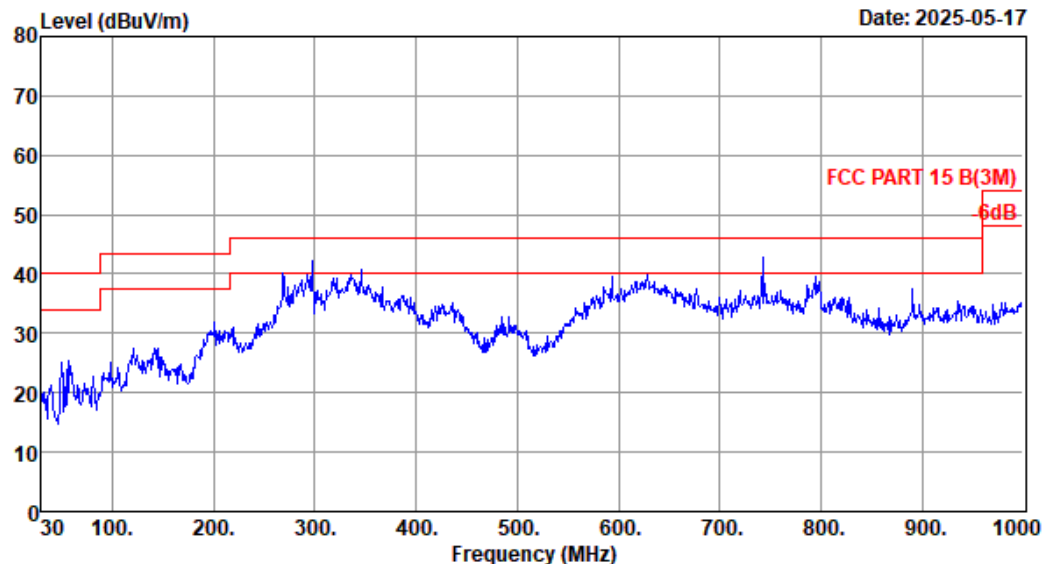
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Fax: +86-769-83081878

Data: 186

File: \\EMC-966-1\test data\2025\MMOKA-QM5503.EM6 (192)

Date: 2025-05-17



Site no. : 1# 966 Chamber Data no. : 186
Dis. / Ant. : 3m 37062 Ant. pol. : HORIZONTAL
Limit : FCC PART 15 B(3M)
Env. / Ins. : Temp:22.4°C.Humi:53%;Press:101.1KPa
Engineer : Ted Deng
EUT : LCD Display
Power : AC 120V/60Hz
M/N : QM5503
Test Mode : Type-C Mode (3840*2160)
Landscape Mode

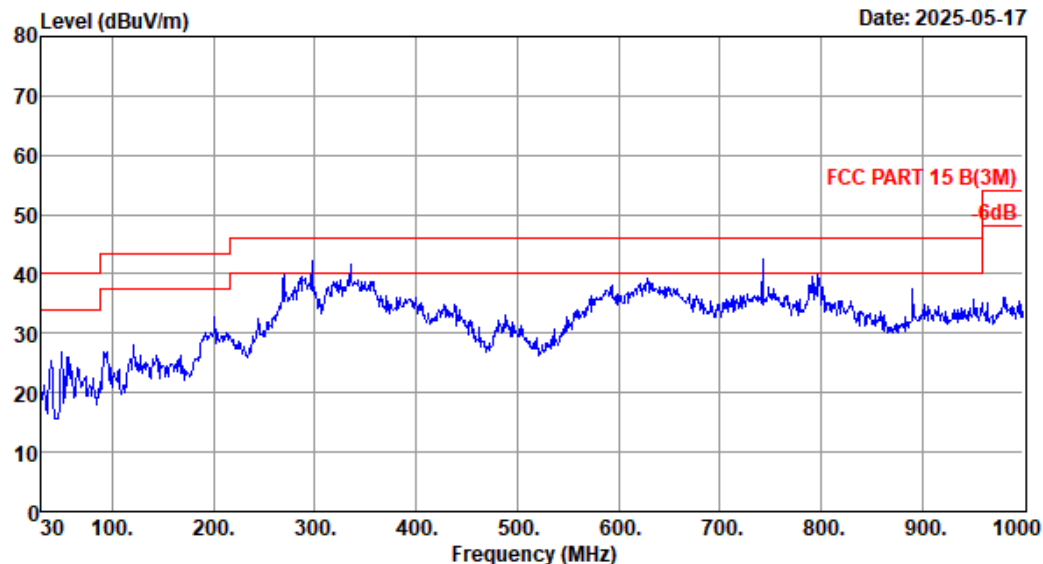
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Data: 187

File: \\EMC-966-1\test data\2025\MMOKA-QM5503.EM6 (192)

Date: 2025-05-17



Site no.	: 1# 966 Chamber	Data no.	: 187
Dis. / Ant.	: 3m 37062	Ant. pol.	: HORIZONTAL
Limit	: FCC PART 15 B(3M)		
Env. / Ins.	: Temp:22.4°C.Humi:53%;Press:101.1KPa		
Engineer	: Ted Deng		
EUT	: LCD Display		
Power	: AC 240V/50Hz		
M/N	: QM5503		
Test Mode	: Type-C Mode (3840*2160)		
	: Landscape Mode		

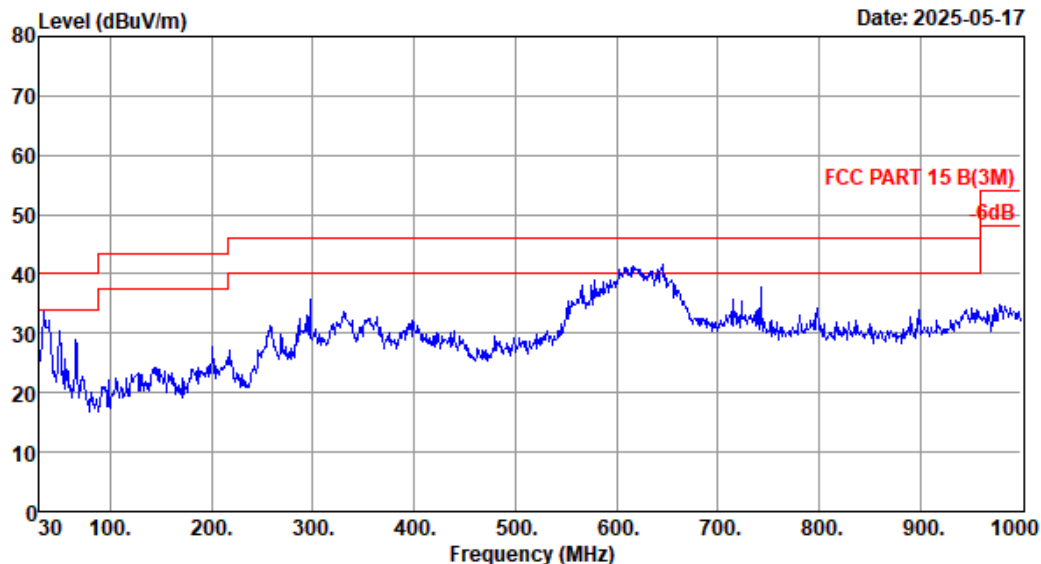
EST Technology

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Data: 188

File: \\EMC-966-1\test data\2025\MMOKA-QM5503.EM6 (192)

Date: 2025-05-17



Site no. : 1# 966 Chamber Data no. : 188
Dis. / Ant. : 3m 37062 Ant. pol. : VERTICAL
Limit : FCC PART 15 B(3M)
Env. / Ins. : Temp:22.4°C.Humi:53%;Press:101.1KPa
Engineer : Ted Deng
EUT : LCD Display
Power : AC 240V/50Hz
M/N : QM5503
Test Mode : Type-C Mode (3840*2160)
Landscape Mode

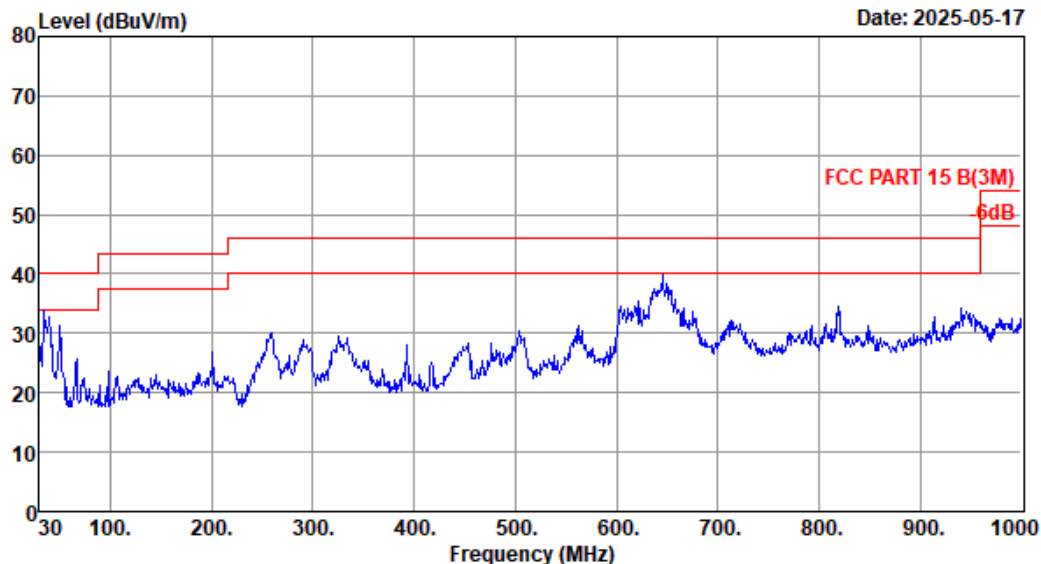
EST Technology

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Data: 189

File: \\EMC-966-1\test data\2025\MMOKA-QM5503.EM6 (192)

Date: 2025-05-17



Site no. : 1# 966 Chamber Data no. : 189
Dis. / Ant. : 3m 37062 Ant. pol. : VERTICAL
Limit : FCC PART 15 B(3M)
Env. / Ins. : Temp:22.4°C.Humi:53%;Press:101.1KPa
Engineer : Ted Deng
EUT : LCD Display
Power : AC 240V/50Hz
M/N : QM5503
Test Mode : USB Play
Landscape Mode

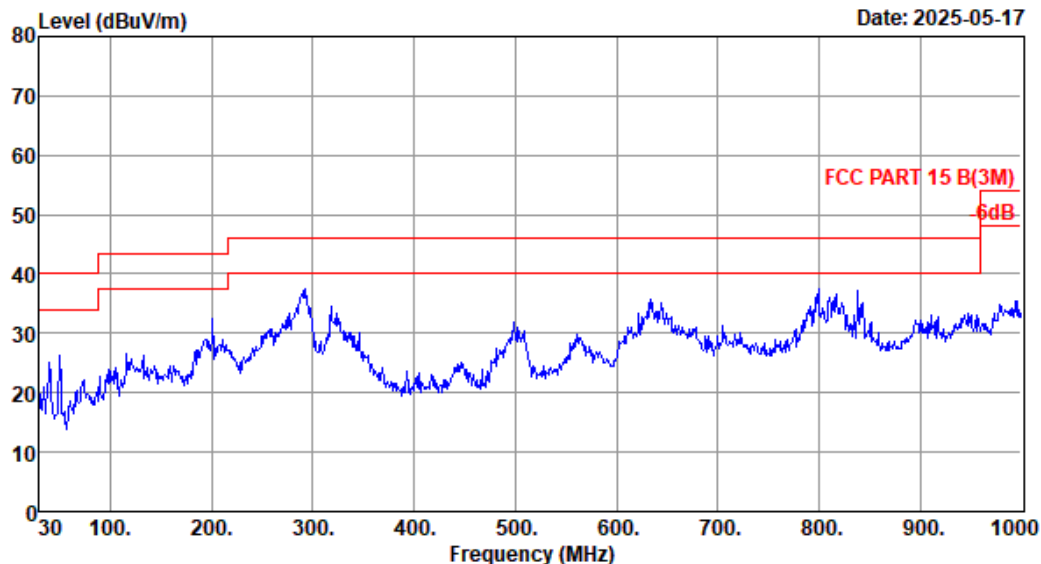
EST Technology

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Fax: +86-769-83081878

Data: 190

File: \\EMC-966-1\test data\2025\MMOKA-QM5503.EM6 (192)

Date: 2025-05-17



Site no. : 1# 966 Chamber Data no. : 190
Dis. / Ant. : 3m 37062 Ant. pol. : HORIZONTAL
Limit : FCC PART 15 B(3M)
Env. / Ins. : Temp:22.4°C.Humi:53%;Press:101.1KPa
Engineer : Ted Deng
EUT : LCD Display
Power : AC 240V/50Hz
M/N : QM5503
Test Mode : USB Play
Landscape Mode

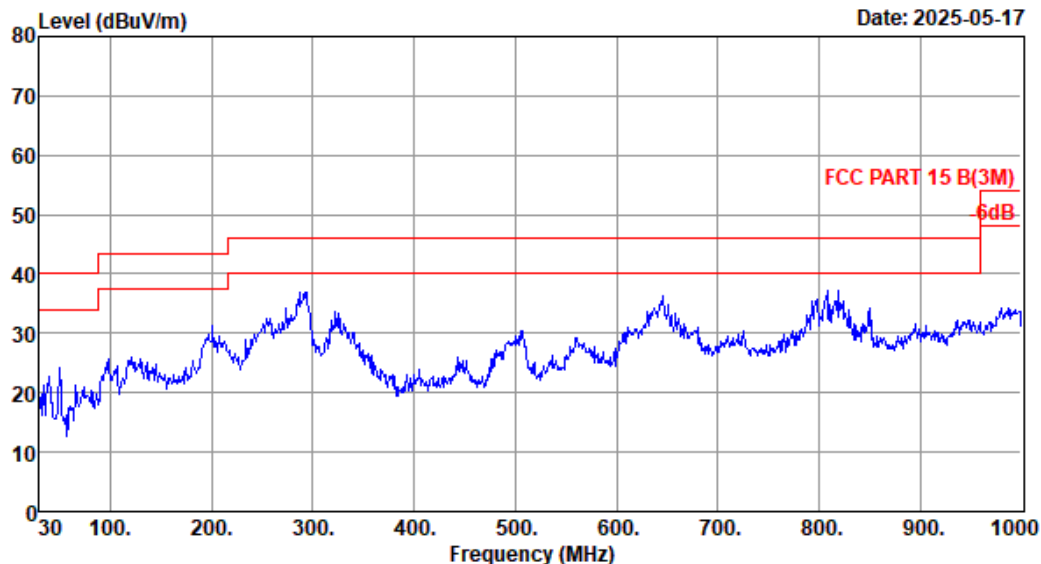
EST Technology

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Fax: +86-769-83081878

Data: 191

File: \\EMC-966-1\test data\2025\MMOKA-QM5503.EM6 (192)

Date: 2025-05-17



Site no. : 1# 966 Chamber Data no. : 191
Dis. / Ant. : 3m 37062 Ant. pol. : HORIZONTAL
Limit : FCC PART 15 B(3M)
Env. / Ins. : Temp:22.4°C.Humi:53%;Press:101.1KPa
Engineer : Ted Deng
EUT : LCD Display
Power : AC 120V/60Hz
M/N : QM5503
Test Mode : USB Play
Landscape Mode

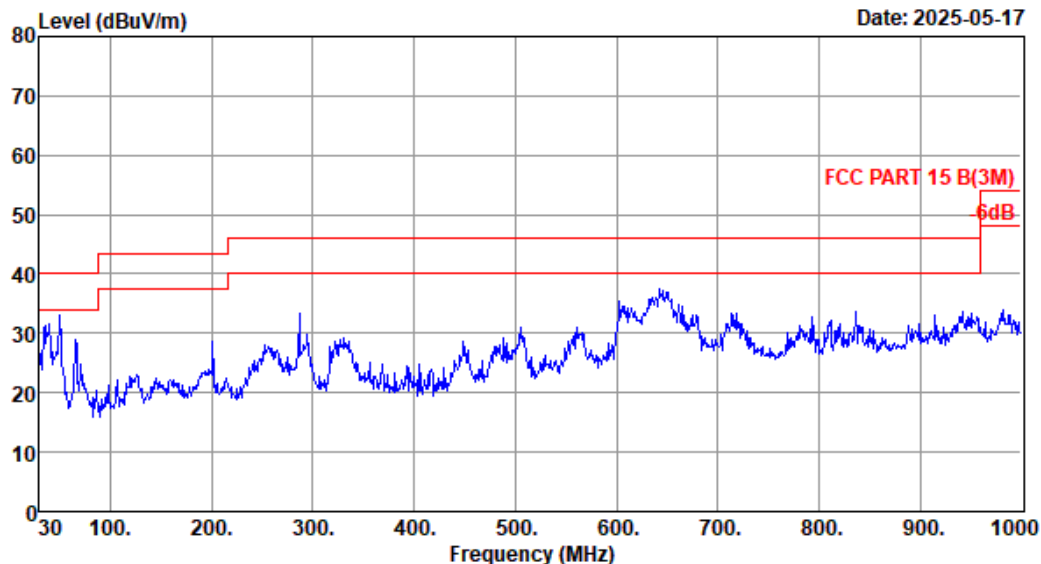
EST Technology

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Data: 192

File: \\EMC-966-1\test data\2025\MMOKA-QM5503.EM6 (192)

Date: 2025-05-17



Site no. : 1# 966 Chamber Data no. : 192
Dis. / Ant. : 3m 37062 Ant. pol. : VERTICAL
Limit : FCC PART 15 B(3M)
Env. / Ins. : Temp:22.4°C.Humi:53%;Press:101.1KPa
Engineer : Ted Deng
EUT : LCD Display
Power : AC 120V/60Hz
M/N : QM5503
Test Mode : USB Play
Landscape Mode

4.3. Radiated Emission Test (above 1GHz)

RESULT : **Pass**
 Test procedure : ANSI C63.4-2014
 Frequency range : 1GHz-6GHz
 Test Site : 1#966 Chamber
 Limits : FCC Part 15:2023 Class B

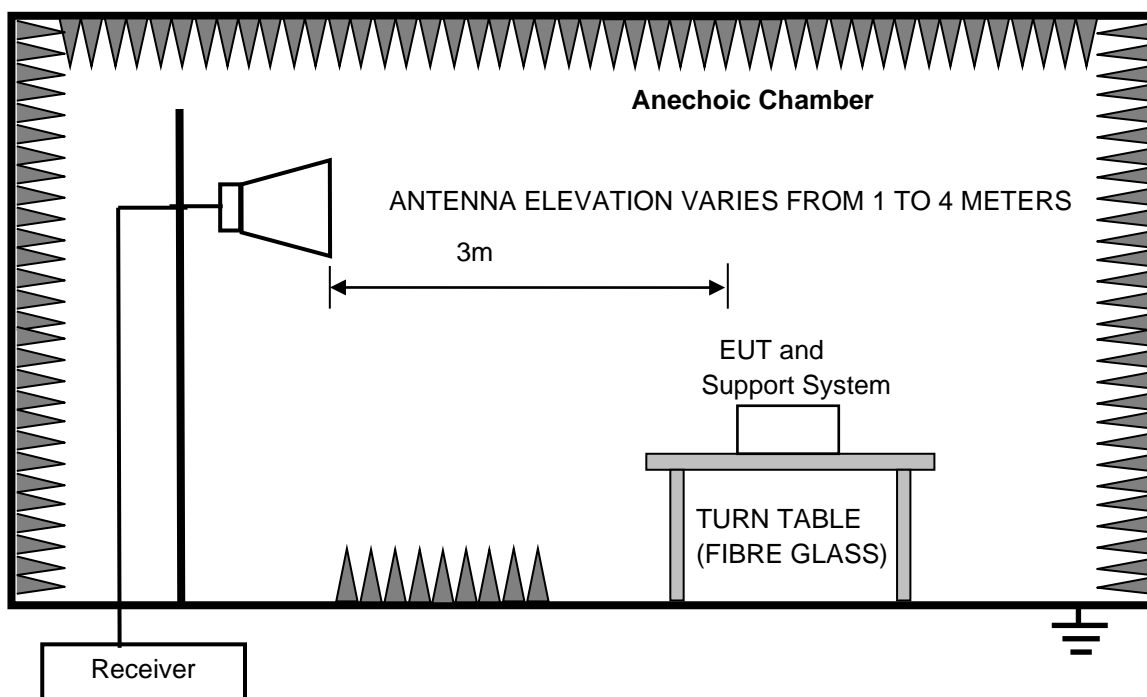
Test Setup

Date of test : May. 19, 2025
 Model No. : QM5503
 Input Voltage : AC 240V/50Hz, AC 120V/60Hz
 Operation Mode : USB Play, HDMI Mode, Type-C Mode, Connect to PC

The EUT was placed on a turn table which was 0.8 m above the ground. The turn table can rotate 360 degrees to determine the position of the maximum emission level. The EUT was set 3 m away from the receiving antenna which was mounted on an antenna tower. The measuring antenna moved up and down to find out the maximum emission level. It moved from 1 m to 4 m for both horizontal and vertical polarizations.

The EUT was tested in the Chamber Site. It was pre-scanned with a Peak detector and Average detector from the spectrum, and all the final readings from the test receiver were measured with the Peak detector and Average detector.

The bandwidth setting on the test receiver was 1MHz(above 1GHz).



Note: Test uncertainty: $\pm 4.78\text{dB}$ at a level of confidence of 95%(1#966).

Test Data

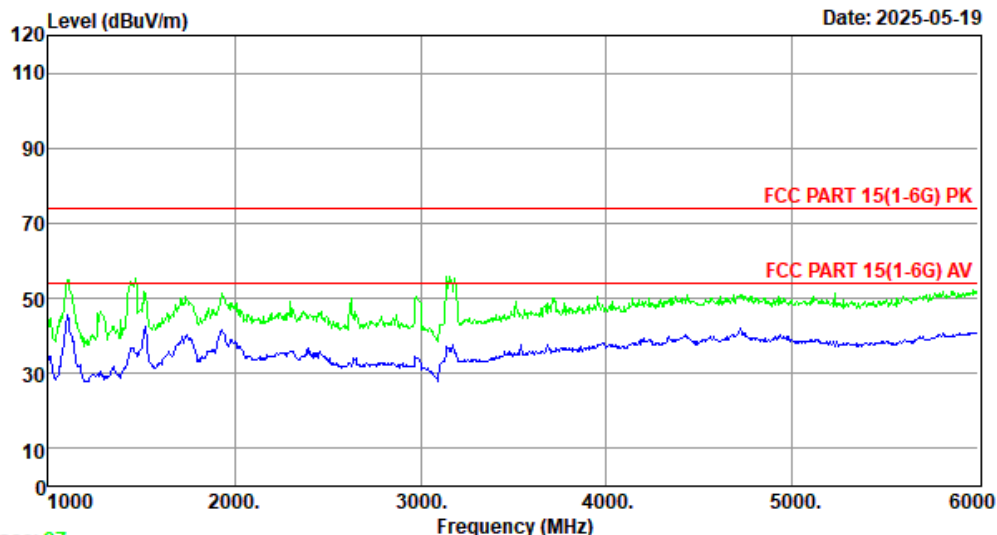
EST Technology

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Data: 98

File: \\EMC-966-1\test data\2025\MMOKA-QM5503.EM6 (192)

Date: 2025-05-19



Trace: 97

Site no.	: 1# 966 Chamber	Data no.	: 98
Dis. / Ant.	: 3m 9120D 1-18G	Ant. pol.	: VERTICAL
Limit	: FCC PART 15(1-6G) PK		
Env. / Ins.	: Temp:22.4°C.Humi:53%;Press:101.1KPa		
Engineer	: Ted Deng		
EUT	: LCD Display		
Power	: AC 240V/50Hz		
M/N	: QM5503		
Test Mode	: USB Play		
	Landscape Mode		

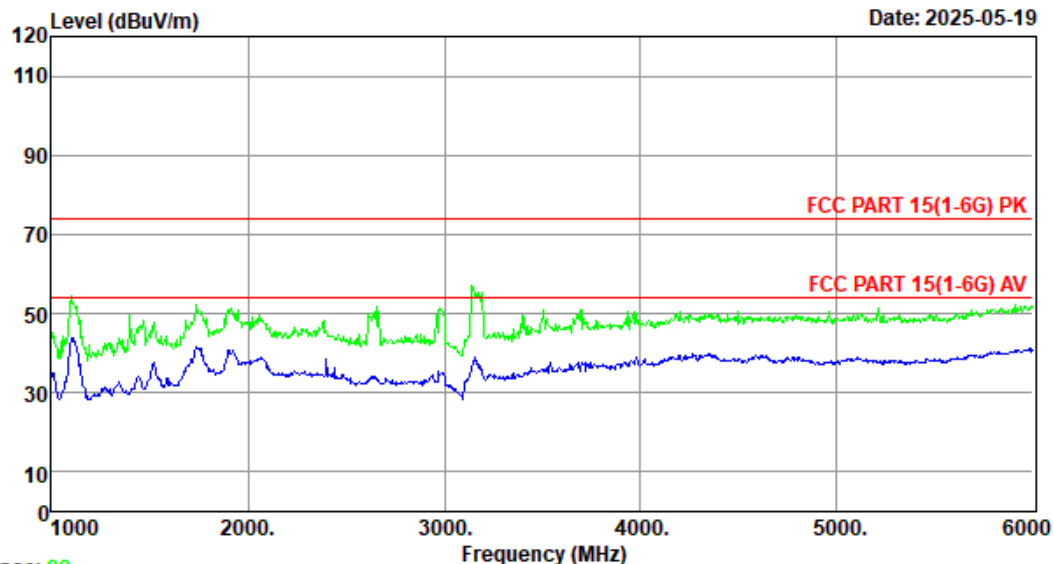
EST Technology

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Data: 100

File: \\EMC-966-1\test data\2025\MMOKA-QM5503.EM6 (192)

Date: 2025-05-19



Trace: 99

Site no. : 1# 966 Chamber Data no. : 100
Dis. / Ant. : 3m 9120D 1-18G Ant. pol. : HORIZONTAL
Limit : FCC PART 15(1-6G) PK
Env. / Ins. : Temp:22.4°C.Humi:53%;Press:101.1KPa
Engineer : Ted Deng
EUT : LCD Display
Power : AC 240V/50Hz
M/N : QM5503
Test Mode : USB Play
Landscape Mode

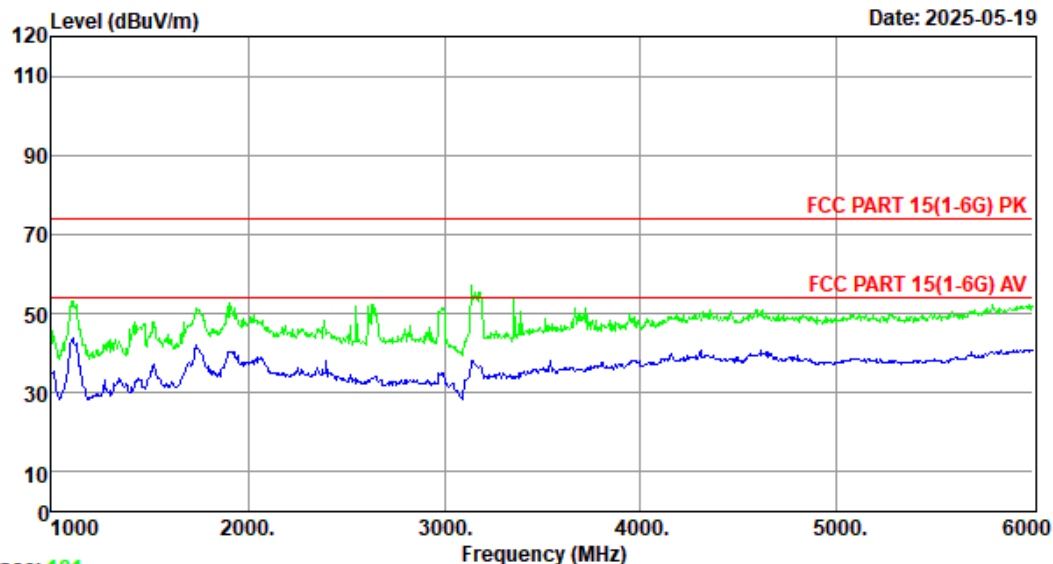
EST Technology

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Data: 102

File: \\EMC-966-1\test data\2025\MMOKA-QM5503.EM6 (192)

Date: 2025-05-19



Trace: 101

Site no. : 1# 966 Chamber Data no. : 102
Dis. / Ant. : 3m 9120D 1-18G Ant. pol. : HORIZONTAL
Limit : FCC PART 15(1-6G) PK
Env. / Ins. : Temp:22.4°C.Humi:53%;Press:101.1KPa
Engineer : Ted Deng
EUT : LCD Display
Power : AC 120V/60Hz
M/N : QM5503
Test Mode : USB Play
Landscape Mode

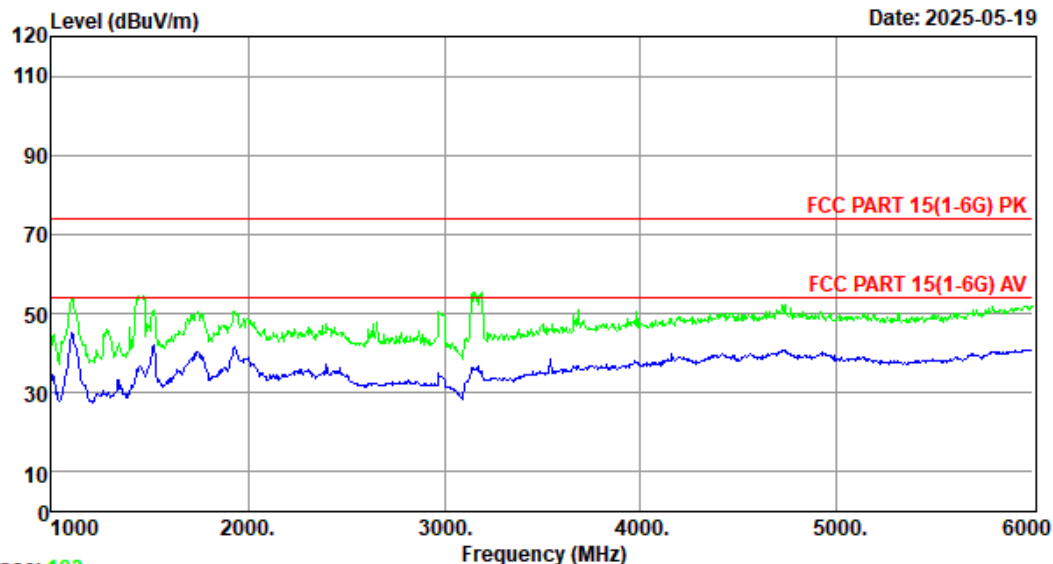
EST Technology

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Fax: +86-769-83081878

Data: 104

File: \\EMC-966-1\test data\2025\MMOKA-QM5503.EM6 (192)

Date: 2025-05-19



Trace: 103

Site no. : 1# 966 Chamber Data no. : 104
Dis. / Ant. : 3m 9120D 1-18G Ant. pol. : VERTICAL
Limit : FCC PART 15(1-6G) PK
Env. / Ins. : Temp:22.4°C.Humi:53%;Press:101.1KPa
Engineer : Ted Deng
EUT : LCD Display
Power : AC 120V/60Hz
M/N : QM5503
Test Mode : USB Play
Landscape Mode

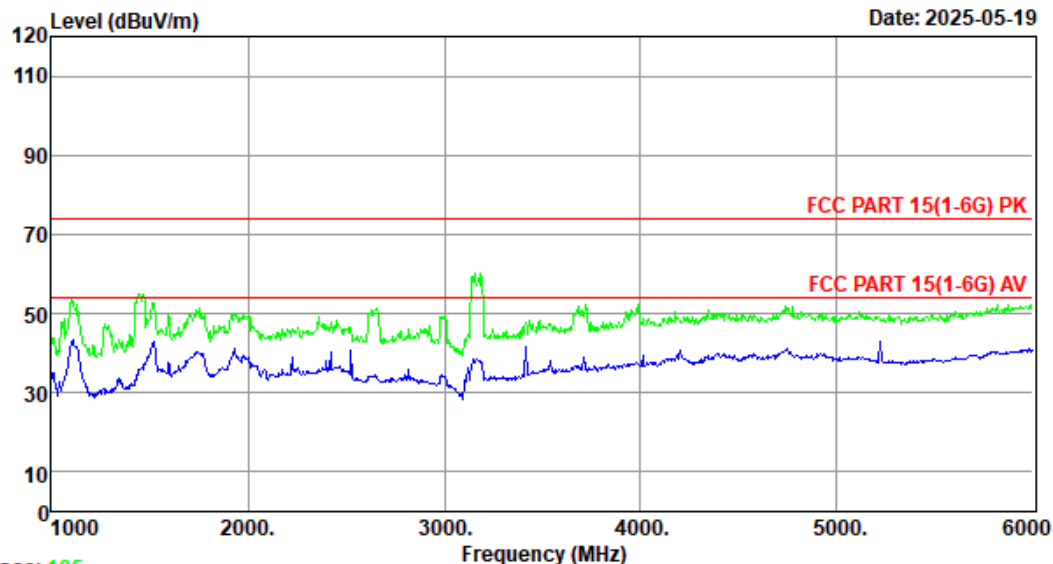
EST Technology

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Fax: +86-769-83081878

Data: 106

File: \\EMC-966-1\test data\2025\MMOKA-QM5503.EM6 (192)

Date: 2025-05-19



Trace: 105

Site no. : 1# 966 Chamber Data no. : 106
Dis. / Ant. : 3m 9120D 1-18G Ant. pol. : VERTICAL
Limit : FCC PART 15(1-6G) PK
Env. / Ins. : Temp:22.4°C.Humi:53%;Press:101.1KPa
Engineer : Ted Deng
EUT : LCD Display
Power : AC 120V/60Hz
M/N : QM5503
Test Mode : HDMI Mode(3840*2160)
Landscape Mode

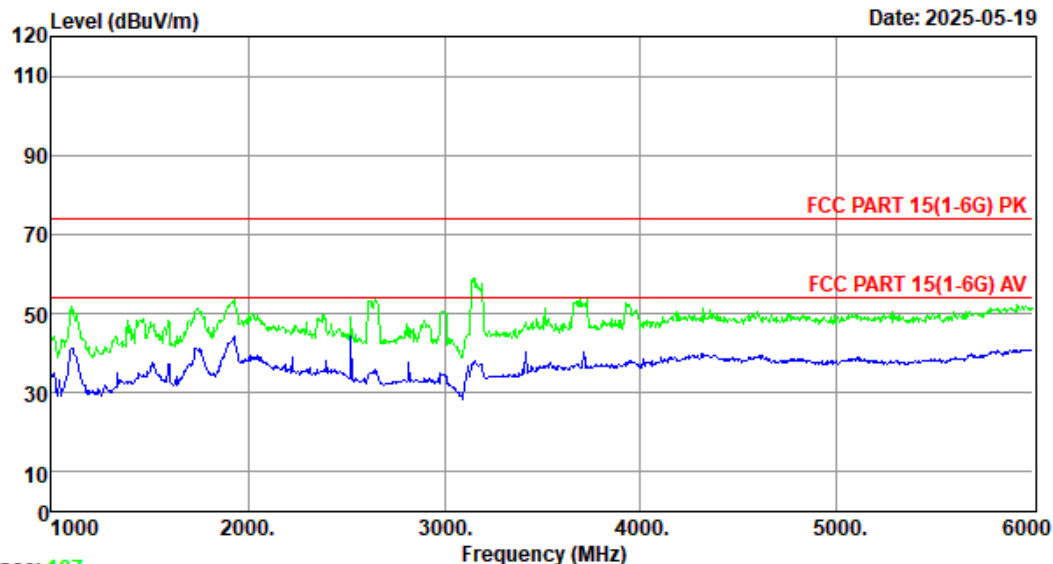
EST Technology

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Data: 108

File: \\EMC-966-1\test data\2025\MMOKA-QM5503.EM6 (192)

Date: 2025-05-19



Trace: 107

Site no. : 1# 966 Chamber Data no. : 108
Dis. / Ant. : 3m 9120D 1-18G Ant. pol. : HORIZONTAL
Limit : FCC PART 15(1-6G) PK
Env. / Ins. : Temp:22.4°C.Humi:53%;Press:101.1KPa
Engineer : Ted Deng
EUT : LCD Display
Power : AC 120V/60Hz
M/N : QM5503
Test Mode : HDMI Mode(3840*2160)
Landscape Mode

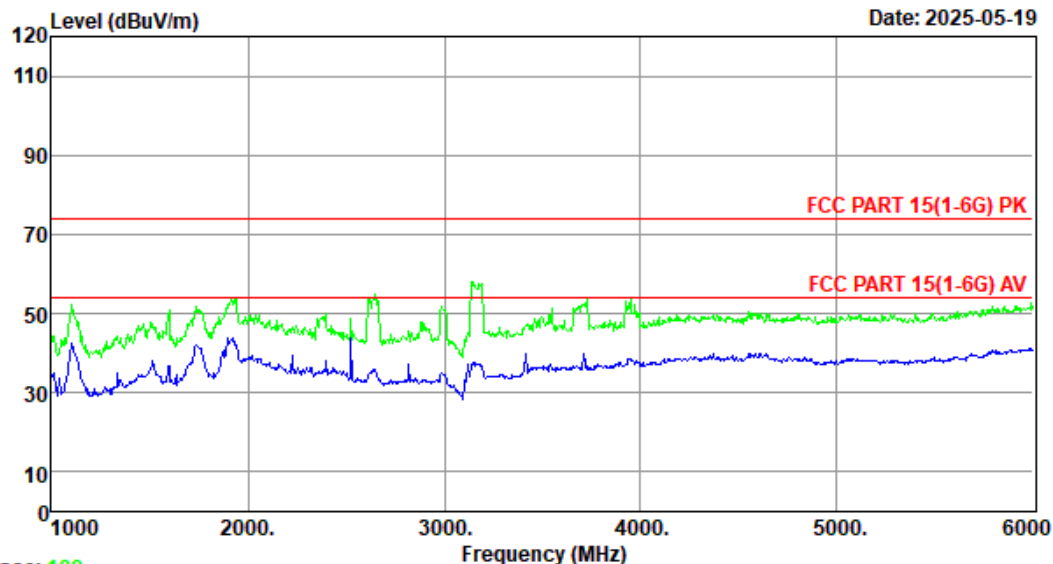
EST Technology

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Fax: +86-769-83081878

Data: 110

File: \\EMC-966-1\test data\2025\MMOKA-QM5503.EM6 (192)

Date: 2025-05-19



Trace: 109

Site no. : 1# 966 Chamber Data no. : 110
Dis. / Ant. : 3m 9120D 1-18G Ant. pol. : HORIZONTAL
Limit : FCC PART 15(1-6G) PK
Env. / Ins. : Temp:22.4°C.Humi:53%;Press:101.1KPa
Engineer : Ted Deng
EUT : LCD Display
Power : AC 240V/50Hz
M/N : QM5503
Test Mode : HDMI Mode(3840*2160)
Landscape Mode

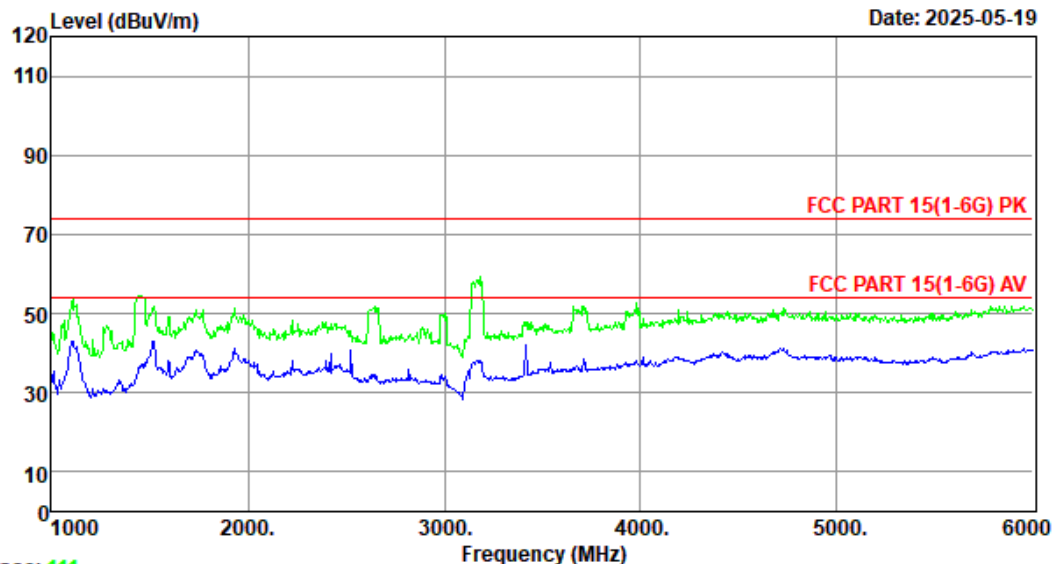
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Data: 112

File: \\EMC-966-1\test data\2025\MMOKA-QM5503.EM6 (192)

Date: 2025-05-19



Trace: 111

Site no. : 1# 966 Chamber Data no. : 112
Dis. / Ant. : 3m 9120D 1-18G Ant. pol. : VERTICAL
Limit : FCC PART 15(1-6G) PK
Env. / Ins. : Temp:22.4°C.Humi:53%;Press:101.1KPa
Engineer : Ted Deng
EUT : LCD Display
Power : AC 240V/50Hz
M/N : QM5503
Test Mode : HDMI Mode(3840*2160)
Landscape Mode

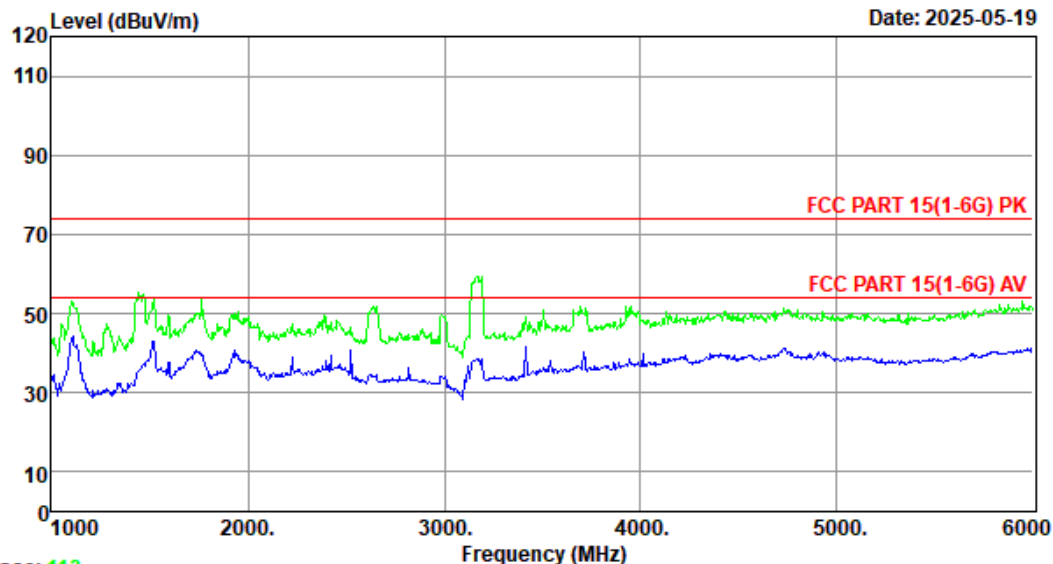
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Data: 114

File: \\EMC-966-1\test data\2025\MMOKA-QM5503.EM6 (192)

Date: 2025-05-19



Trace: 113

Site no. : 1# 966 Chamber Data no. : 114
Dis. / Ant. : 3m 9120D 1-18G Ant. pol. : VERTICAL
Limit : FCC PART 15(1-6G) PK
Env. / Ins. : Temp:22.4°C.Humi:53%;Press:101.1KPa
Engineer : Ted Deng
EUT : LCD Display
Power : AC 240V/50Hz
M/N : QM5503
Test Mode : Connect to PC
Landscape Mode

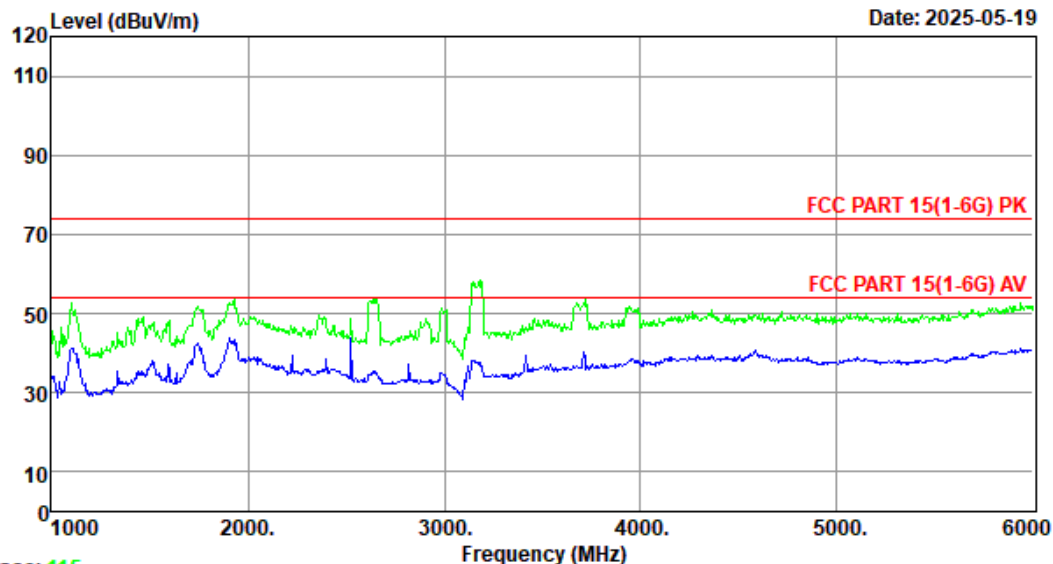
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Data: 116

File: \\EMC-966-1\test data\2025\MMOKA-QM5503.EM6 (192)

Date: 2025-05-19



Trace: 115

Site no. : 1# 966 Chamber Data no. : 116
Dis. / Ant. : 3m 9120D 1-18G Ant. pol. : HORIZONTAL
Limit : FCC PART 15(1-6G) PK
Env. / Ins. : Temp:22.4°C.Humi:53%;Press:101.1KPa
Engineer : Ted Deng
EUT : LCD Display
Power : AC 240V/50Hz
M/N : QM5503
Test Mode : Connect to PC
Landscape Mode

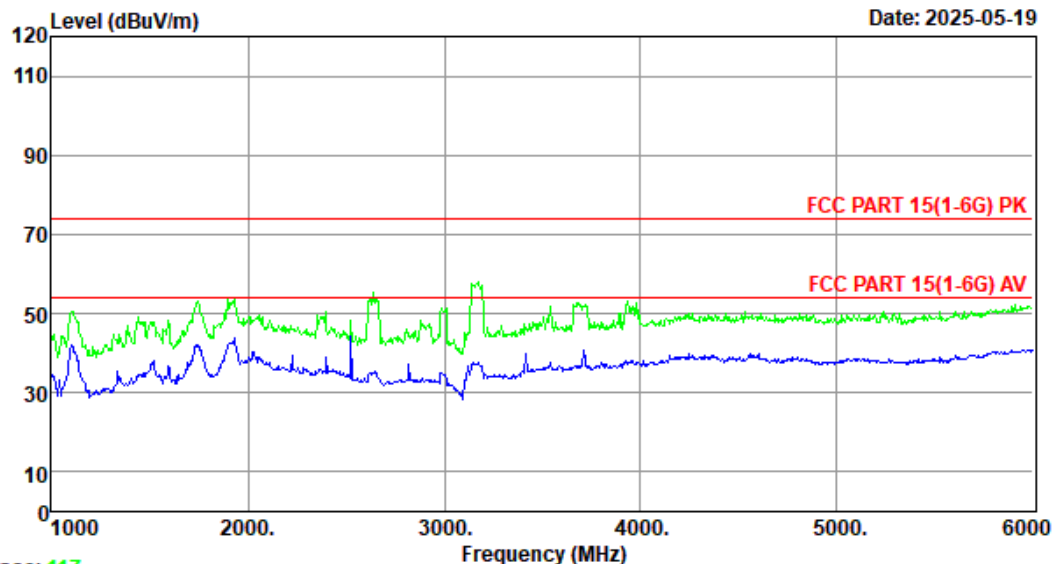
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Data: 118

File: \\EMC-966-1\test data\2025\MMOKA-QM5503.EM6 (192)

Date: 2025-05-19



Trace: 117

Site no. : 1# 966 Chamber Data no. : 118
Dis. / Ant. : 3m 9120D 1-18G Ant. pol. : HORIZONTAL
Limit : FCC PART 15(1-6G) PK
Env. / Ins. : Temp:22.4°C.Humi:53%;Press:101.1KPa
Engineer : Ted Deng
EUT : LCD Display
Power : AC 120V/60Hz
M/N : QM5503
Test Mode : Connect to PC
Landscape Mode

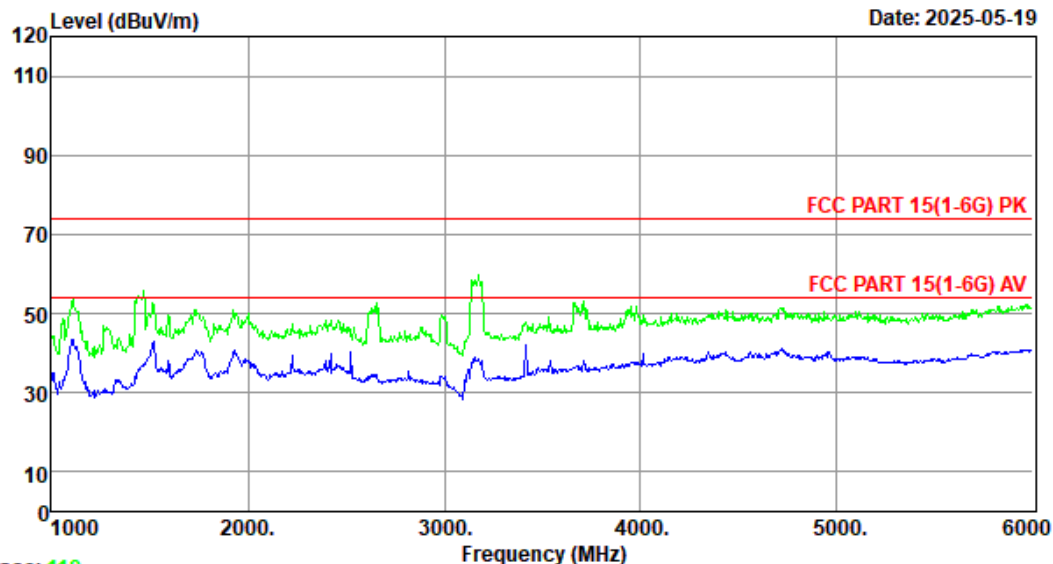
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Data: 120

File: \\EMC-966-1\test data\2025\MMOKA-QM5503.EM6 (192)

Date: 2025-05-19



Trace: 119

Site no. : 1# 966 Chamber Data no. : 120
Dis. / Ant. : 3m 9120D 1-18G Ant. pol. : VERTICAL
Limit : FCC PART 15(1-6G) PK
Env. / Ins. : Temp:22.4°C.Humi:53%;Press:101.1KPa
Engineer : Ted Deng
EUT : LCD Display
Power : AC 120V/60Hz
M/N : QM5503
Test Mode : Connect to PC
Landscape Mode

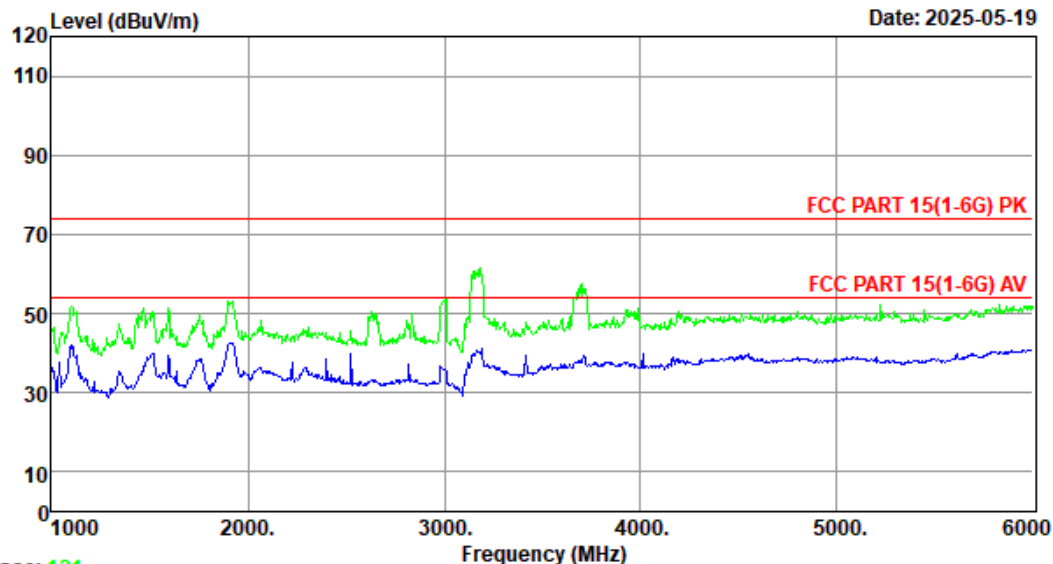
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Data: 122

File: \\EMC-966-1\test data\2025\MMOKA-QM5503.EM6 (192)

Date: 2025-05-19



Trace: 121

Site no. : 1# 966 Chamber Data no. : 122
Dis. / Ant. : 3m 9120D 1-18G Ant. pol. : VERTICAL
Limit : FCC PART 15(1-6G) PK
Env. / Ins. : Temp:22.4°C.Humi:53%;Press:101.1KPa
Engineer : Ted Deng
EUT : LCD Display
Power : AC 120V/60Hz
M/N : QM5503
Test Mode : Connect to PC
Portrait Mode

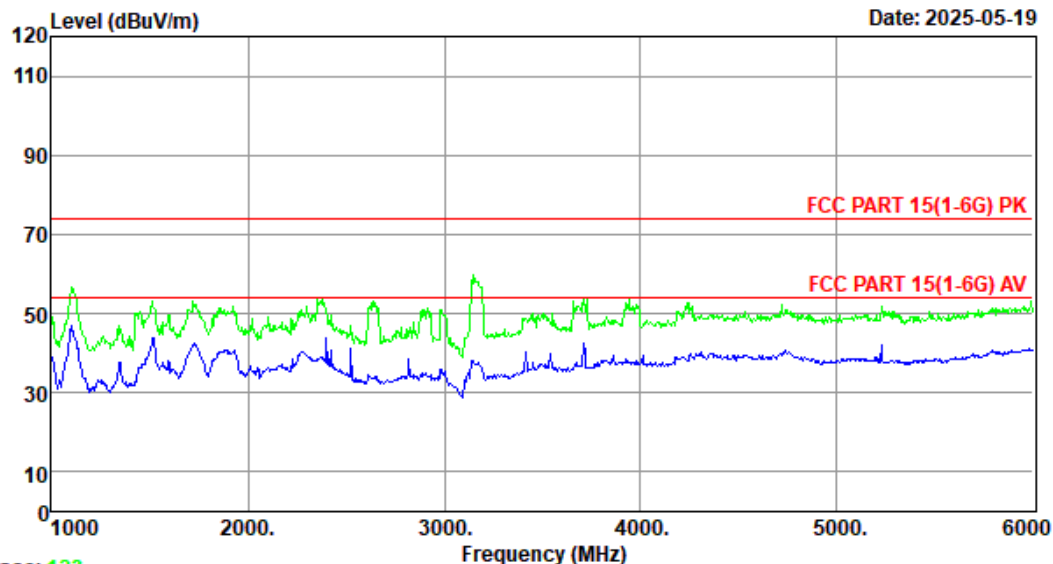
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Data: 124

File: \\EMC-966-1\test data\2025\MMOKA-QM5503.EM6 (192)

Date: 2025-05-19



Trace: 123

Site no. : 1# 966 Chamber Data no. : 124
Dis. / Ant. : 3m 9120D 1-18G Ant. pol. : HORIZONTAL
Limit : FCC PART 15(1-6G) PK
Env. / Ins. : Temp:22.4°C.Humi:53%;Press:101.1KPa
Engineer : Ted Deng
EUT : LCD Display
Power : AC 120V/60Hz
M/N : QM5503
Test Mode : Connect to PC
Portrait Mode

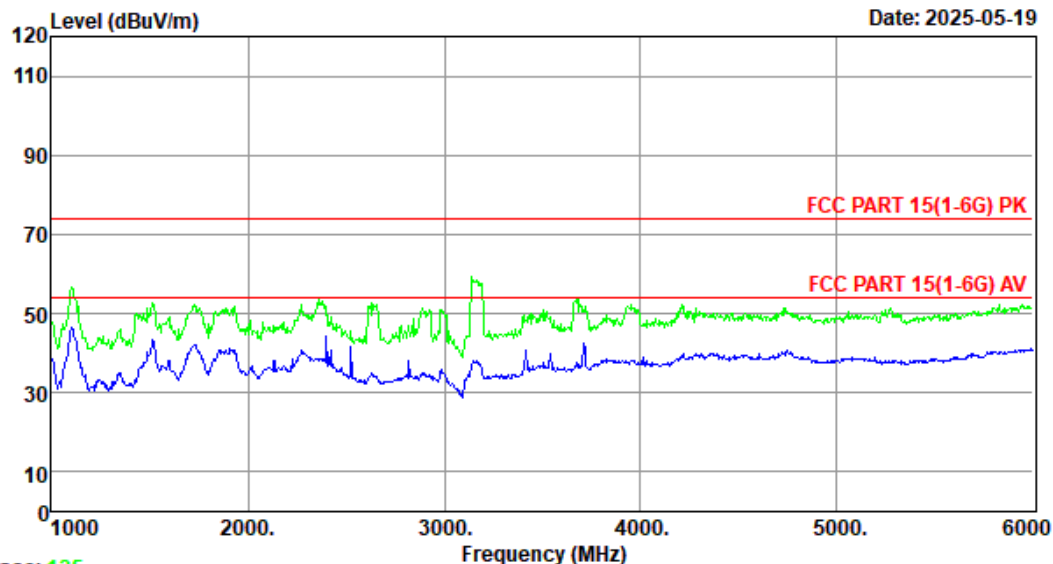
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Data: 126

File: \\EMC-966-1\test data\2025\MMOKA-QM5503.EM6 (192)

Date: 2025-05-19



Trace: 125

Site no. : 1# 966 Chamber Data no. : 126
Dis. / Ant. : 3m 9120D 1-18G Ant. pol. : HORIZONTAL
Limit : FCC PART 15(1-6G) PK
Env. / Ins. : Temp:22.4°C.Humi:53%;Press:101.1KPa
Engineer : Ted Deng
EUT : LCD Display
Power : AC 240V/50Hz
M/N : QM5503
Test Mode : Connect to PC
Portrait Mode

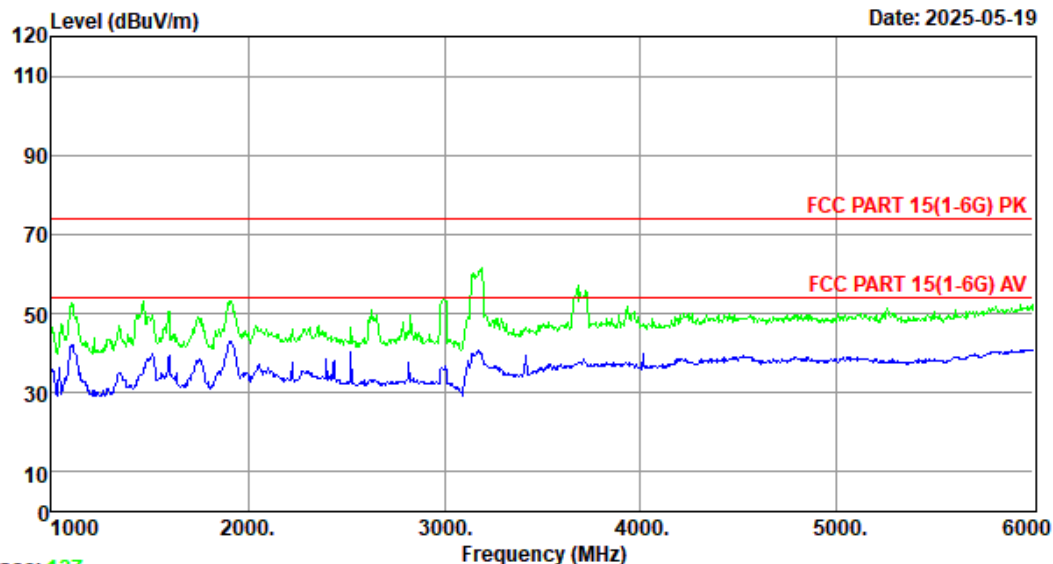
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Data: 128

File: \\EMC-966-1\test data\2025\MMOKA-QM5503.EM6 (192)

Date: 2025-05-19



Trace: 127

Site no. : 1# 966 Chamber Data no. : 128
Dis. / Ant. : 3m 9120D 1-18G Ant. pol. : VERTICAL
Limit : FCC PART 15(1-6G) PK
Env. / Ins. : Temp:22.4°C.Humi:53%;Press:101.1KPa
Engineer : Ted Deng
EUT : LCD Display
Power : AC 240V/50Hz
M/N : QM5503
Test Mode : Connect to PC
Portrait Mode

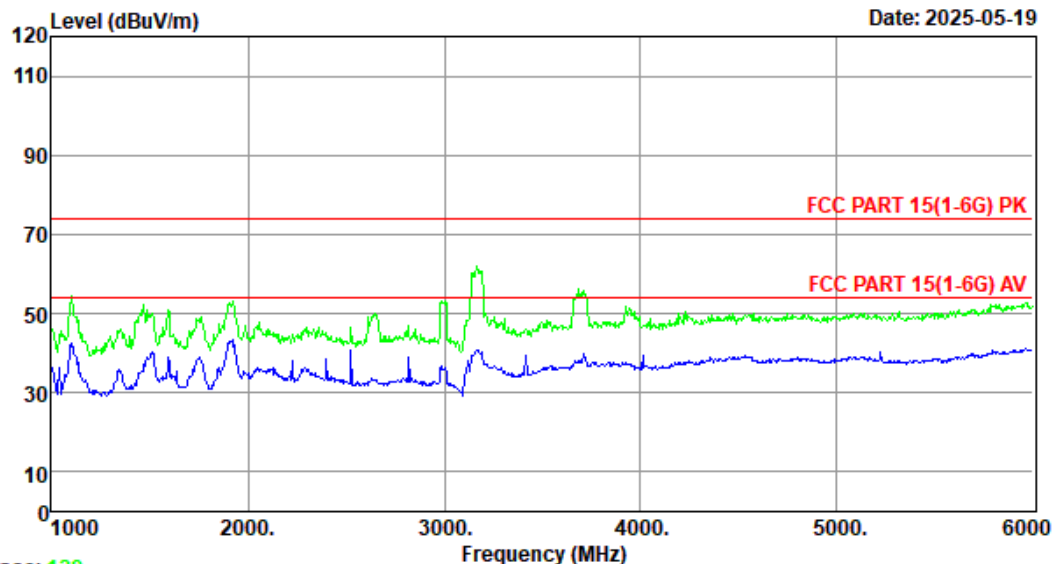
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Data: 130

File: \\EMC-966-1\test data\2025\MMOKA-QM5503.EM6 (192)

Date: 2025-05-19



Trace: 129

Site no. : 1# 966 Chamber Data no. : 130
Dis. / Ant. : 3m 9120D 1-18G Ant. pol. : VERTICAL
Limit : FCC PART 15(1-6G) PK
Env. / Ins. : Temp:22.4°C.Humi:53%;Press:101.1KPa
Engineer : Ted Deng
EUT : LCD Display
Power : AC 240V/50Hz
M/N : QM5503
Test Mode : HDMI Mode(3840*2160)
Portrait Mode

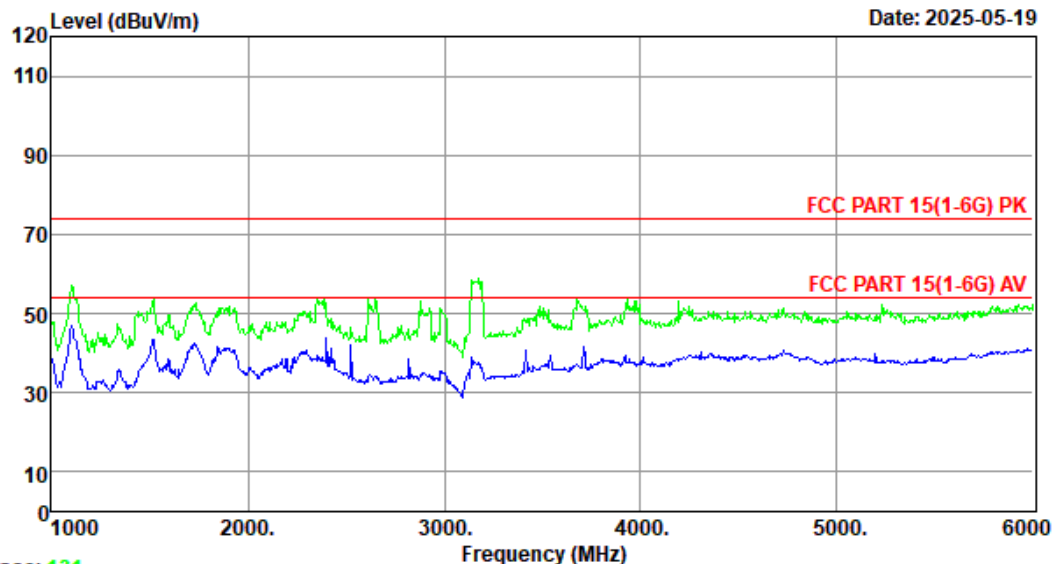
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Data: 132

File: \\EMC-966-1\test data\2025\MMOKA-QM5503.EM6 (192)

Date: 2025-05-19



Trace: 131

Site no. : 1# 966 Chamber Data no. : 132
Dis. / Ant. : 3m 9120D 1-18G Ant. pol. : HORIZONTAL
Limit : FCC PART 15(1-6G) PK
Env. / Ins. : Temp:22.4°C.Humi:53%;Press:101.1KPa
Engineer : Ted Deng
EUT : LCD Display
Power : AC 240V/50Hz
M/N : QM5503
Test Mode : HDMI Mode(3840*2160)
Portrait Mode

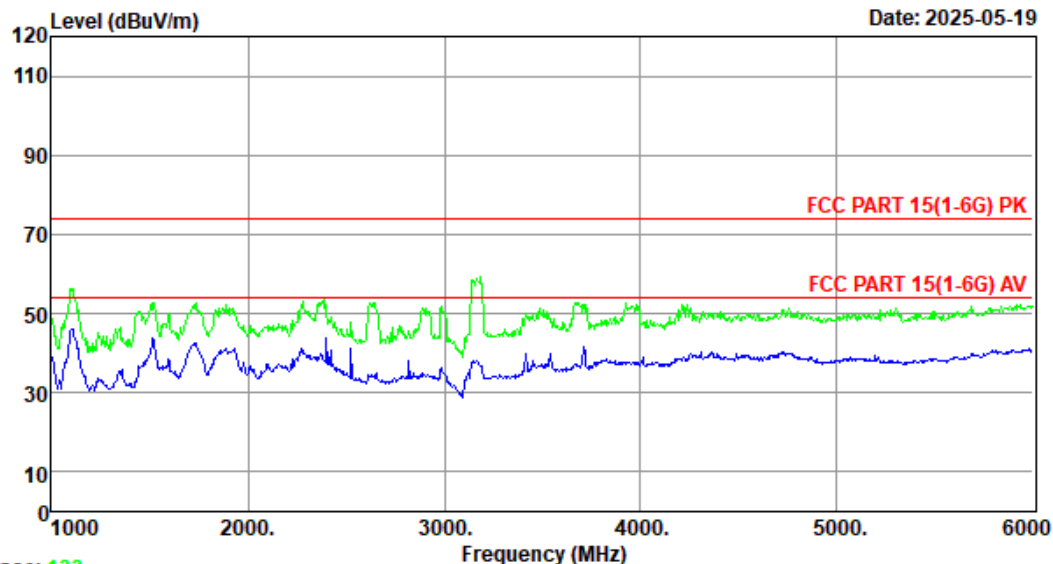
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Data: 134

File: \\EMC-966-1\test data\2025\MMOKA-QM5503.EM6 (192)

Date: 2025-05-19



Trace: 133

Site no. : 1# 966 Chamber Data no. : 134
Dis. / Ant. : 3m 9120D 1-18G Ant. pol. : HORIZONTAL
Limit : FCC PART 15(1-6G) PK
Env. / Ins. : Temp:22.4°C.Humi:53%;Press:101.1KPa
Engineer : Ted Deng
EUT : LCD Display
Power : AC 120V/60Hz
M/N : QM5503
Test Mode : HDMI Mode(3840*2160)
Portrait Mode

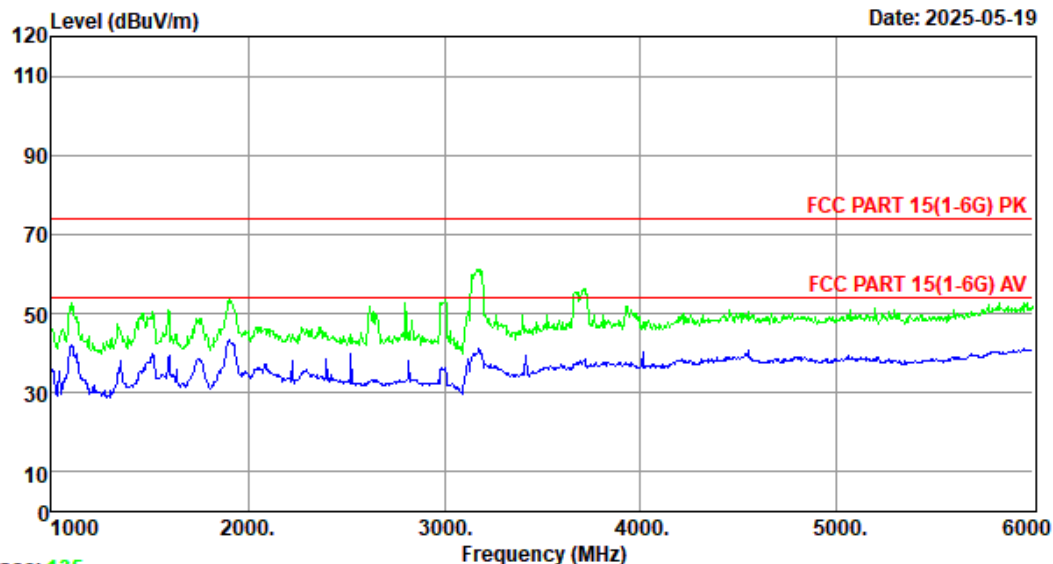
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Data: 136

File: \\EMC-966-1\test data\2025\MMOKA-QM5503.EM6 (192)

Date: 2025-05-19



Trace: 135

Site no. : 1# 966 Chamber Data no. : 136
Dis. / Ant. : 3m 9120D 1-18G Ant. pol. : VERTICAL
Limit : FCC PART 15(1-6G) PK
Env. / Ins. : Temp:22.4°C.Humi:53%;Press:101.1KPa
Engineer : Ted Deng
EUT : LCD Display
Power : AC 120V/60Hz
M/N : QM5503
Test Mode : HDMI Mode(3840*2160)
Portrait Mode

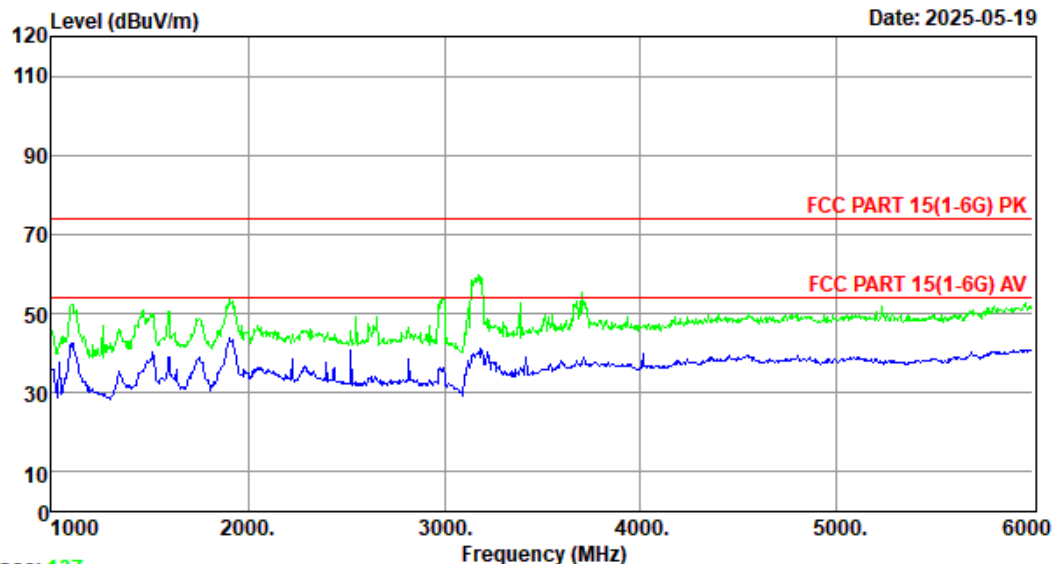
EST Technology

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Data: 138

File: \\EMC-966-1\\test data\\2025\\MIMOKA-QM5503.EM6 (192)

Date: 2025-05-19



Trace: 137

Site no. : 1# 966 Chamber Data no. : 138
Dis. / Ant. : 3m 9120D 1-18G Ant. pol. : VERTICAL
Limit : FCC PART 15(1-6G) PK
Env. / Ins. : Temp:22.4°C.Humi:53%;Press:101.1KPa
Engineer : Ted Deng
EUT : LCD Display
Power : AC 120V/60Hz
M/N : QM5503
Test Mode : USB Play
Portrait Mode

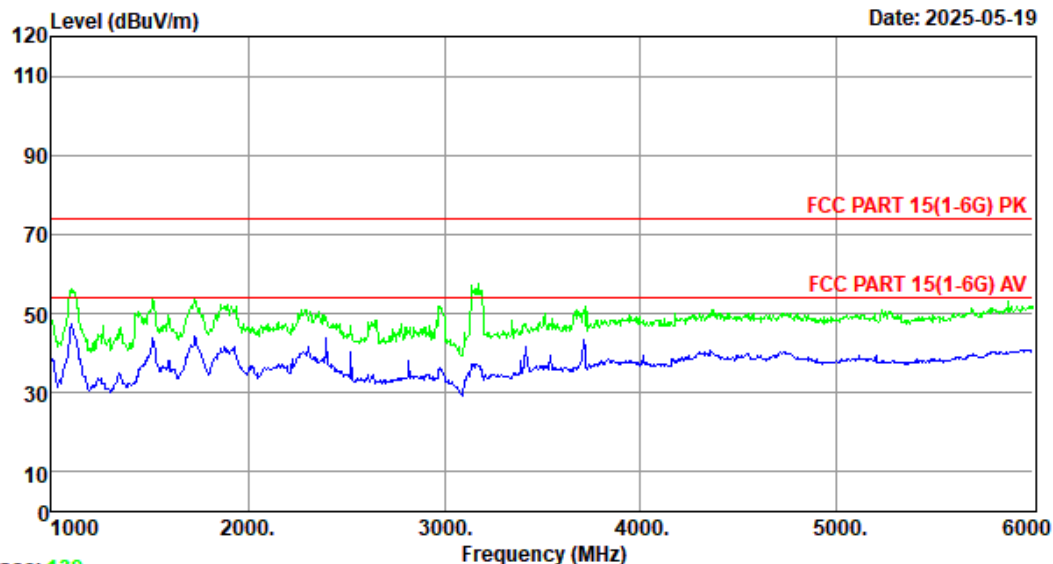
EST Technology

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Fax: +86-769-83081878

Data: 140

File: \\EMC-966-1\test data\2025\MMOKA-QM5503.EM6 (192)

Date: 2025-05-19



Trace: 139

Site no. : 1# 966 Chamber Data no. : 140
Dis. / Ant. : 3m 9120D 1-18G Ant. pol. : HORIZONTAL
Limit : FCC PART 15(1-6G) PK
Env. / Ins. : Temp:22.4°C.Humi:53%;Press:101.1KPa
Engineer : Ted Deng
EUT : LCD Display
Power : AC 120V/60Hz
M/N : QM5503
Test Mode : USB Play
Portrait Mode

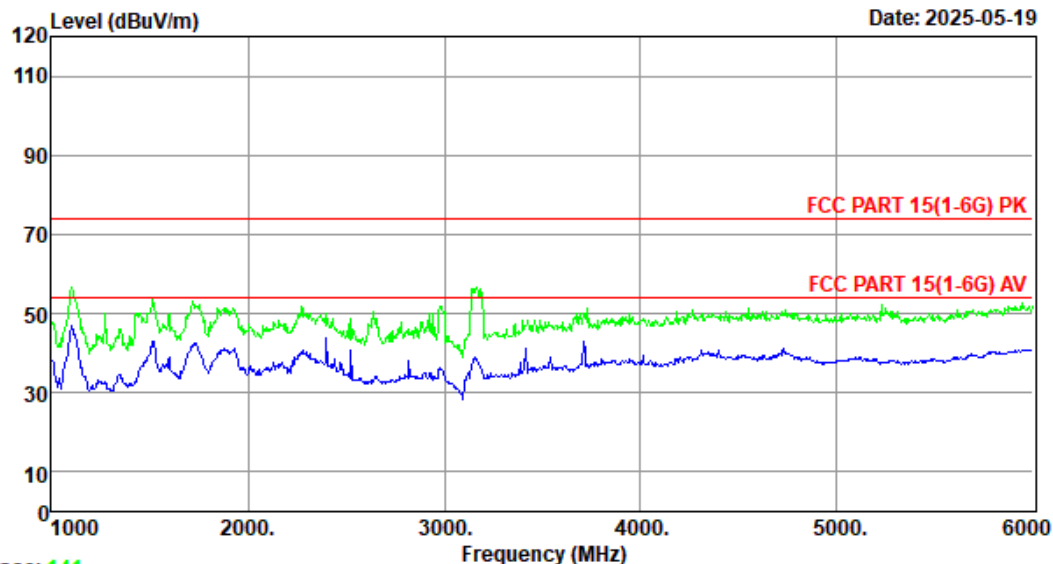
EST Technology

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Data: 142

File: \\EMC-966-1\test data\2025\MMOKA-QM5503.EM6 (192)

Date: 2025-05-19



Trace: 141

Site no. : 1# 966 Chamber Data no. : 142
Dis. / Ant. : 3m 9120D 1-18G Ant. pol. : HORIZONTAL
Limit : FCC PART 15(1-6G) PK
Env. / Ins. : Temp:22.4°C.Humi:53%;Press:101.1KPa
Engineer : Ted Deng
EUT : LCD Display
Power : AC 240V/50Hz
M/N : QM5503
Test Mode : USB Play
Portrait Mode

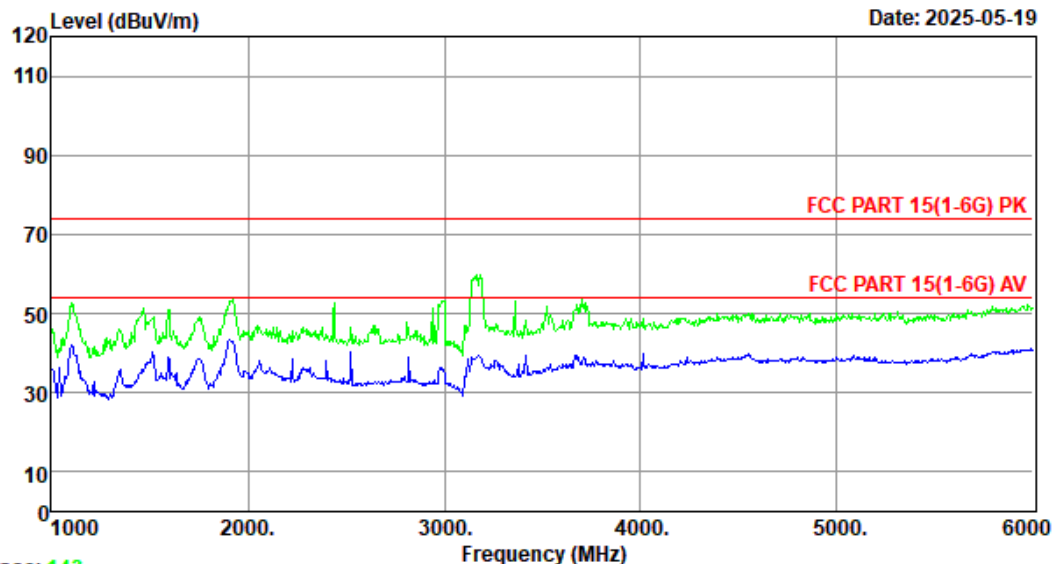
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Data: 144

File: \\EMC-966-1\test data\2025\MMOKA-QM5503.EM6 (192)

Date: 2025-05-19



Trace: 143

Site no. : 1# 966 Chamber Data no. : 144
Dis. / Ant. : 3m 9120D 1-18G Ant. pol. : VERTICAL
Limit : FCC PART 15(1-6G) PK
Env. / Ins. : Temp:22.4°C.Humi:53%;Press:101.1KPa
Engineer : Ted Deng
EUT : LCD Display
Power : AC 240V/50Hz
M/N : QM5503
Test Mode : USB Play
Portrait Mode

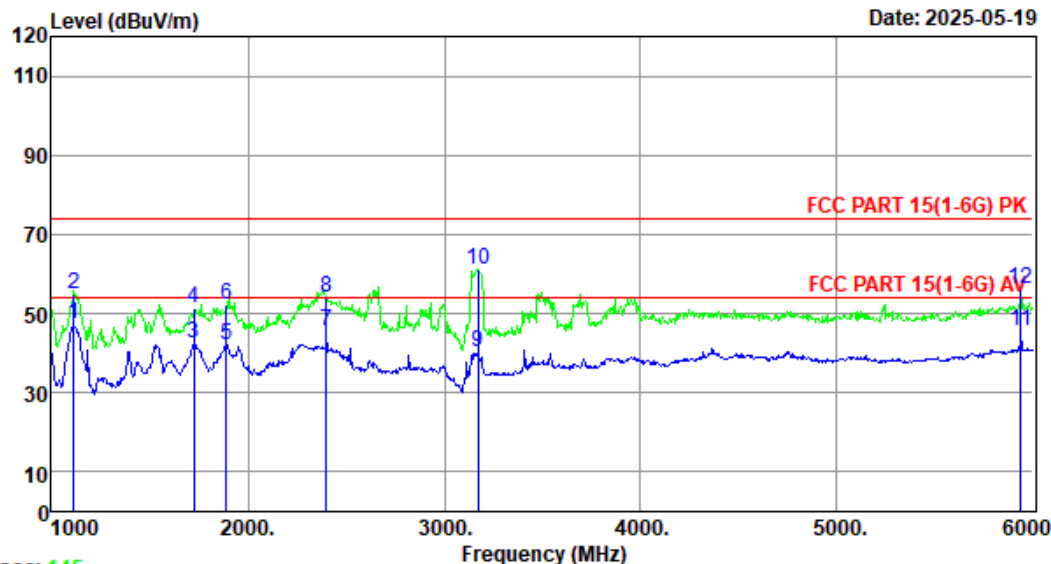
EST Technology

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Data: 146

File: \\EMC-966-1\\test data\\2025\\MMOKA-QM5503.EM6 (192)

Date: 2025-05-19



Site no. : 1# 966 Chamber Data no. : 146
Dis. / Ant. : 3m 9120D 1-18G Ant. pol. : HORIZONTAL
Limit : FCC PART 15(1-6G) PK
Env. / Ins. : Temp:22.4°C,Humi:53%;Press:101.1KPa
Engineer : Ted Deng
EUT : LCD Display
Power : AC 120V/60Hz
M/N : QM5503
Test Mode : Type-C Mode (3840*2160)
Portrait Mode

	Freq. (MHz)	ANT Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	1115.00	25.57	2.42	19.33	47.32	54.00	6.68	Average
2	1115.00	25.57	2.42	26.91	54.90	74.00	19.10	Peak
3	1725.00	25.30	2.91	14.26	42.47	54.00	11.53	Average
4	1725.00	25.30	2.91	23.19	51.40	74.00	22.60	Peak
5	1890.00	25.90	3.03	13.31	42.24	54.00	11.76	Average
6	1890.00	25.90	3.03	23.37	52.30	74.00	21.70	Peak
7	2400.00	28.00	3.69	14.03	45.72	54.00	8.28	Average
8	2400.00	28.00	3.69	22.41	54.10	74.00	19.90	Peak
9	3170.00	29.00	4.57	6.71	40.28	54.00	13.72	Average
10	3170.00	29.00	4.57	27.63	61.20	74.00	12.80	Peak
11	5935.00	33.20	5.80	6.75	45.75	54.00	8.25	Average
12	5935.00	33.20	5.80	17.40	56.40	74.00	17.60	Peak

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

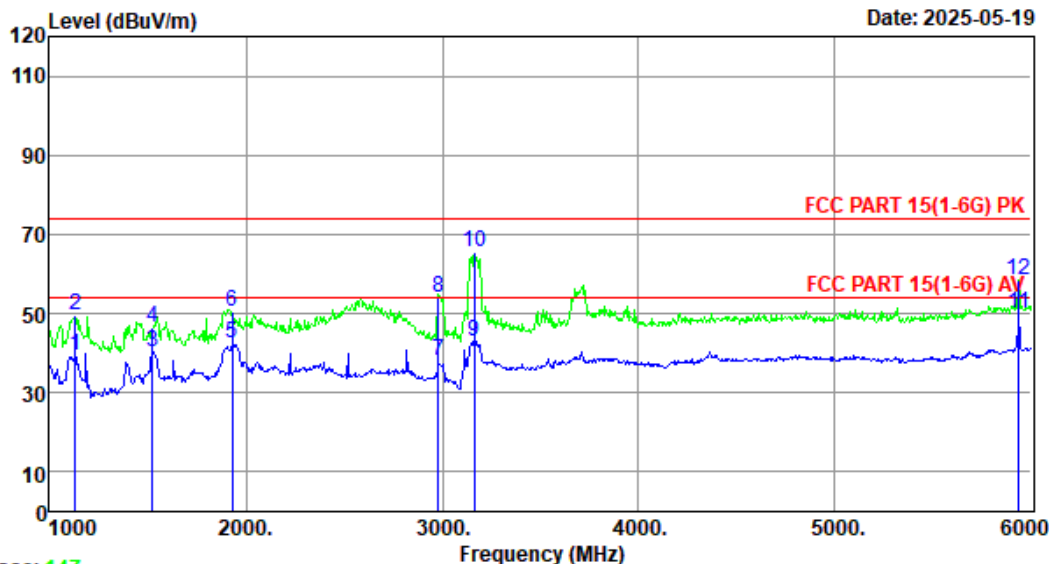
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Data: 148

File: \\EMC-966-1\\test data\\2025\\MMOKA-QM5503.EM6 (192)

Date: 2025-05-19



Site no. : 1# 966 Chamber Data no. : 148
Dis. / Ant. : 3m 9120D 1-18G Ant. pol. : VERTICAL
Limit : FCC PART 15(1-6G) PK
Env. / Ins. : Temp:22.4°C,Humi:53%;Press:101.1KPa
Engineer : Ted Deng
EUT : LCD Display
Power : AC 120V/60Hz
M/N : QM5503
Test Mode : Type-C Mode(3840*2160)
Portrait Mode

	Freq. (MHz)	ANT Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	1130.00	25.53	2.43	11.37	39.33	54.00	14.67	Average
2	1130.00	25.53	2.43	21.64	49.60	74.00	24.40	Peak
3	1525.00	25.77	2.75	11.84	40.36	54.00	13.64	Average
4	1525.00	25.77	2.75	17.98	46.50	74.00	27.50	Peak
5	1930.00	26.13	3.08	13.19	42.40	54.00	11.60	Average
6	1930.00	26.13	3.08	21.39	50.60	74.00	23.40	Peak
7	2980.00	28.53	4.51	4.93	37.97	54.00	16.03	Average
8	2980.00	28.53	4.51	21.16	54.20	74.00	19.80	Peak
9	3165.00	29.20	4.57	9.24	43.01	54.00	10.99	Average
10	3165.00	29.20	4.57	31.73	65.50	74.00	8.50	Peak
11	5935.00	33.20	5.80	11.19	50.19	54.00	3.81	Average
12	5935.00	33.20	5.80	19.30	58.30	74.00	15.70	Peak

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

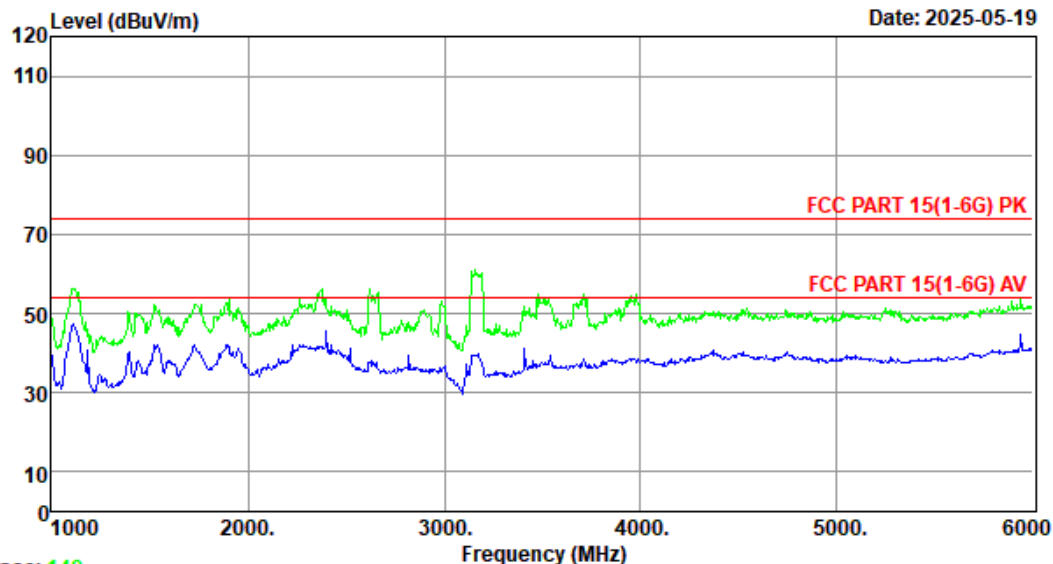
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Data: 150

File: \\EMC-966-1\test data\2025\MMOKA-QM5503.EM6 (192)

Date: 2025-05-19



Trace: 149

Site no. : 1# 966 Chamber Data no. : 150
Dis. / Ant. : 3m 9120D 1-18G Ant. pol. : HORIZONTAL
Limit : FCC PART 15(1-6G) PK
Env. / Ins. : Temp:22.4°C.Humi:53%;Press:101.1KPa
Engineer : Ted Deng
EUT : LCD Display
Power : AC 240V/50Hz
M/N : QM5503
Test Mode : Type-C Mode (3840*2160)
Portrait Mode

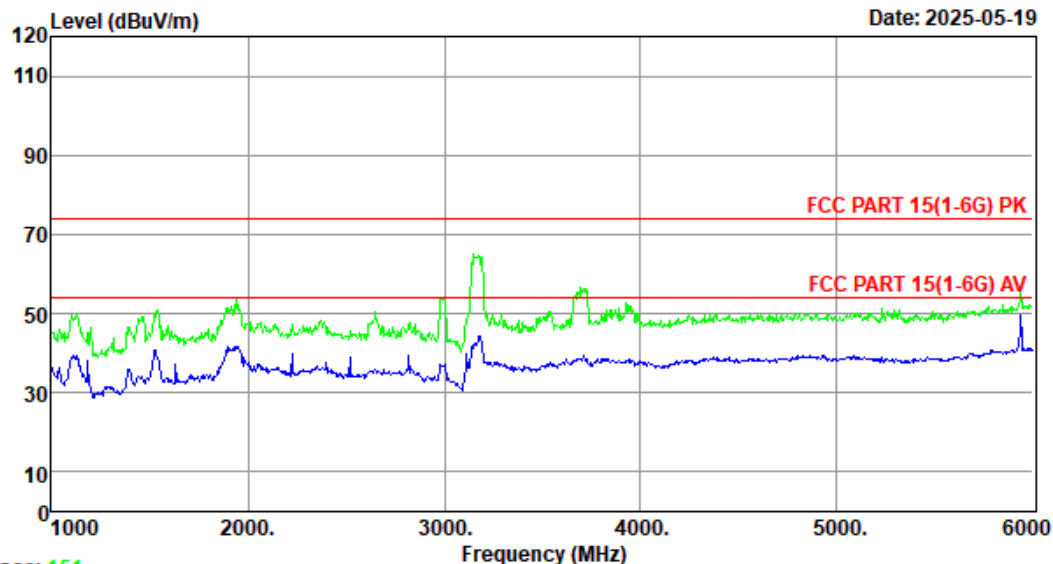
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Data: 152

File: \\EMC-966-1\test data\2025\MMOKA-QM5503.EM6 (192)

Date: 2025-05-19



Trace: 151

Site no. : 1# 966 Chamber Data no. : 152
Dis. / Ant. : 3m 9120D 1-18G Ant. pol. : VERTICAL
Limit : FCC PART 15(1-6G) PK
Env. / Ins. : Temp:22.4°C.Humi:53%;Press:101.1KPa
Engineer : Ted Deng
EUT : LCD Display
Power : AC 240V/50Hz
M/N : QM5503
Test Mode : Type-C Mode(3840*2160)
Portrait Mode

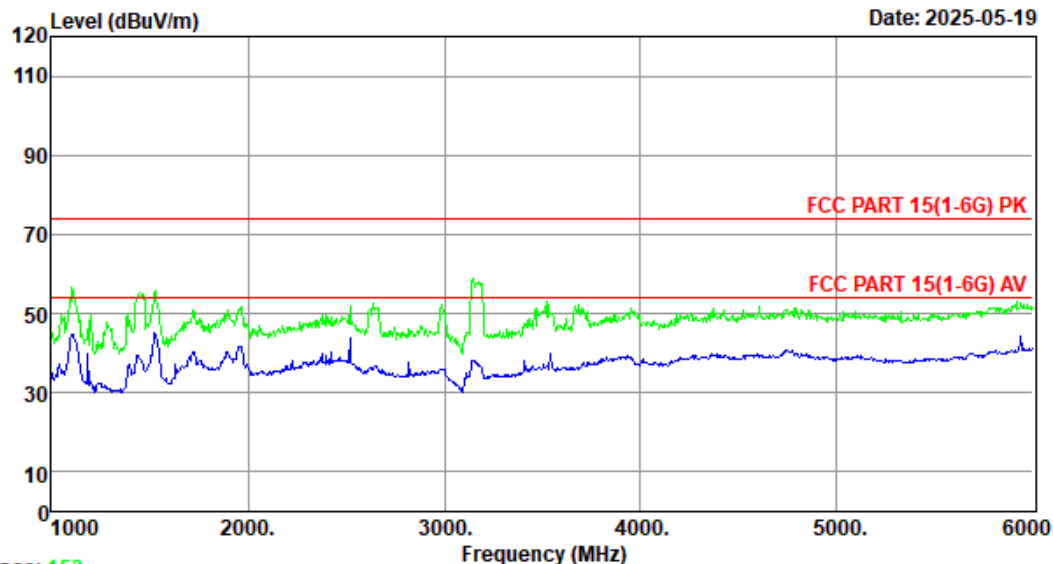
EST Technology

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Houjie, Dongguan, Guangdong, China
Tel: +86-769-83081888
Fax: +86-769-83081878

Data: 154

File: \\EMC-966-1\test data\2025\MMOKA-QM5503.EM6 (192)

Date: 2025-05-19



Trace: 153

Site no. : 1# 966 Chamber Data no. : 154
Dis. / Ant. : 3m 9120D 1-18G Ant. pol. : VERTICAL
Limit : FCC PART 15(1-6G) PK
Env. / Ins. : Temp:22.4°C.Humi:53%;Press:101.1KPa
Engineer : Ted Deng
EUT : LCD Display
Power : AC 240V/50Hz
M/N : QM5503
Test Mode : Type-C Mode (3840*2160)
Landscape Mode

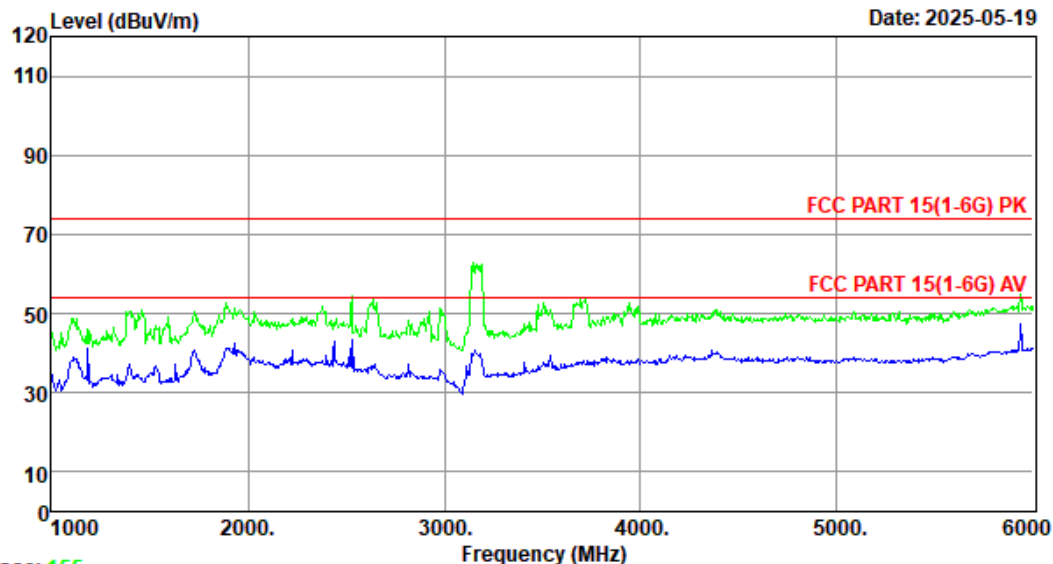
EST Technology

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Fax: +86-769-83081878

Data: 156

File: \\EMC-966-1\test data\2025\MMOKA-QM5503.EM6 (192)

Date: 2025-05-19



Trace: 155

Site no. : 1# 966 Chamber Data no. : 156
Dis. / Ant. : 3m 9120D 1-18G Ant. pol. : HORIZONTAL
Limit : FCC PART 15(1-6G) PK
Env. / Ins. : Temp:22.4°C.Humi:53%;Press:101.1KPa
Engineer : Ted Deng
EUT : LCD Display
Power : AC 240V/50Hz
M/N : QM5503
Test Mode : Type-C Mode (3840*2160)
Landscape Mode

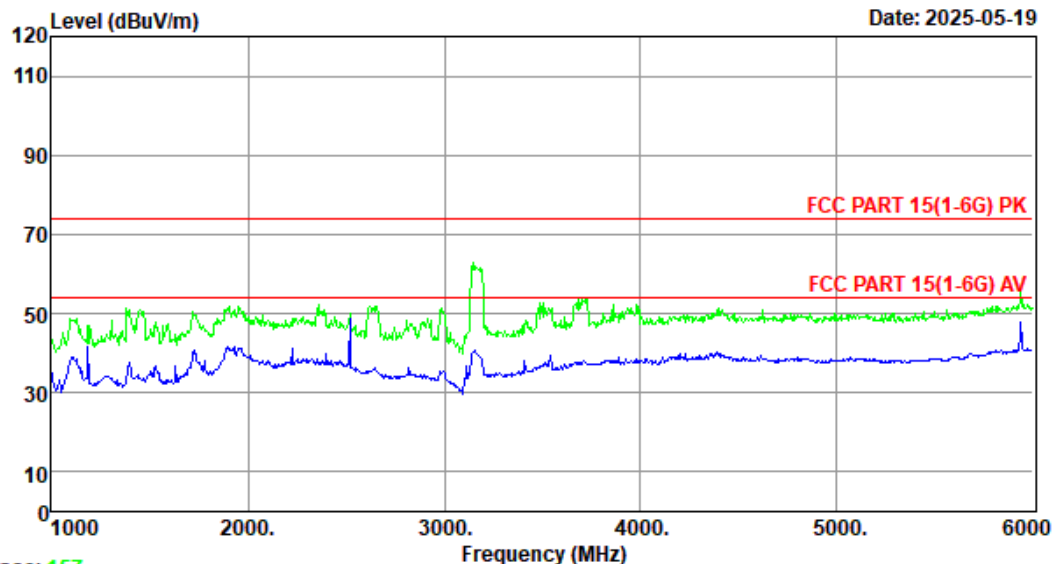
EST Technology

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Fax: +86-769-83081878

Data: 158

File: \\EMC-966-1\test data\2025\MMOKA-QM5503.EM6 (192)

Date: 2025-05-19



Trace: 157

Site no. : 1# 966 Chamber Data no. : 158
Dis. / Ant. : 3m 9120D 1-18G Ant. pol. : HORIZONTAL
Limit : FCC PART 15(1-6G) PK
Env. / Ins. : Temp:22.4°C.Humi:53%;Press:101.1KPa
Engineer : Ted Deng
EUT : LCD Display
Power : AC 120V/60Hz
M/N : QM5503
Test Mode : Type-C Mode (3840*2160)
Landscape Mode

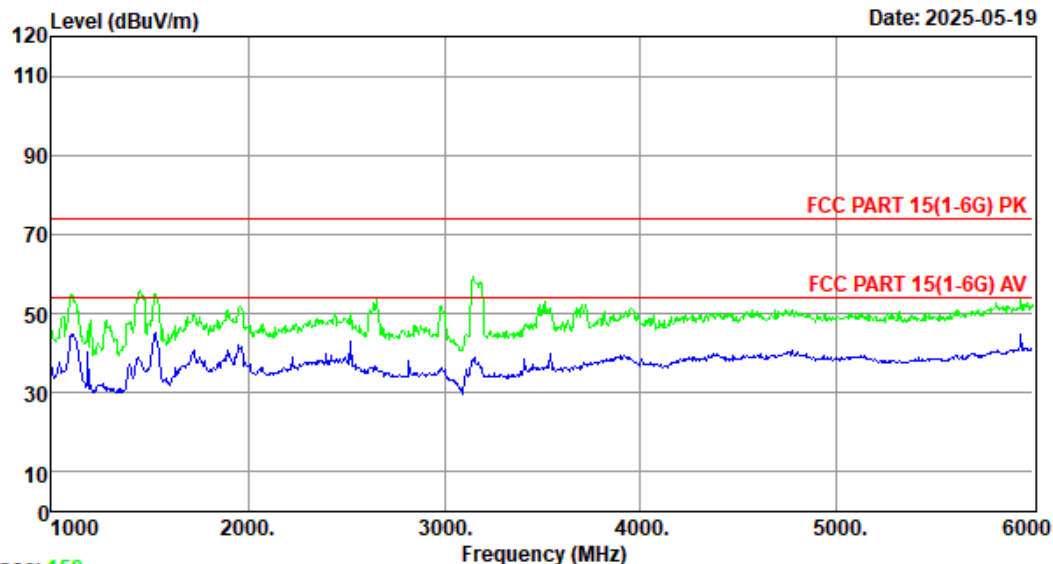
EST Technology

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Fax: +86-769-83081878

Data: 160

File: \\EMC-966-1\test data\2025\MMOKA-QM5503.EM6 (192)

Date: 2025-05-19



Trace: 159

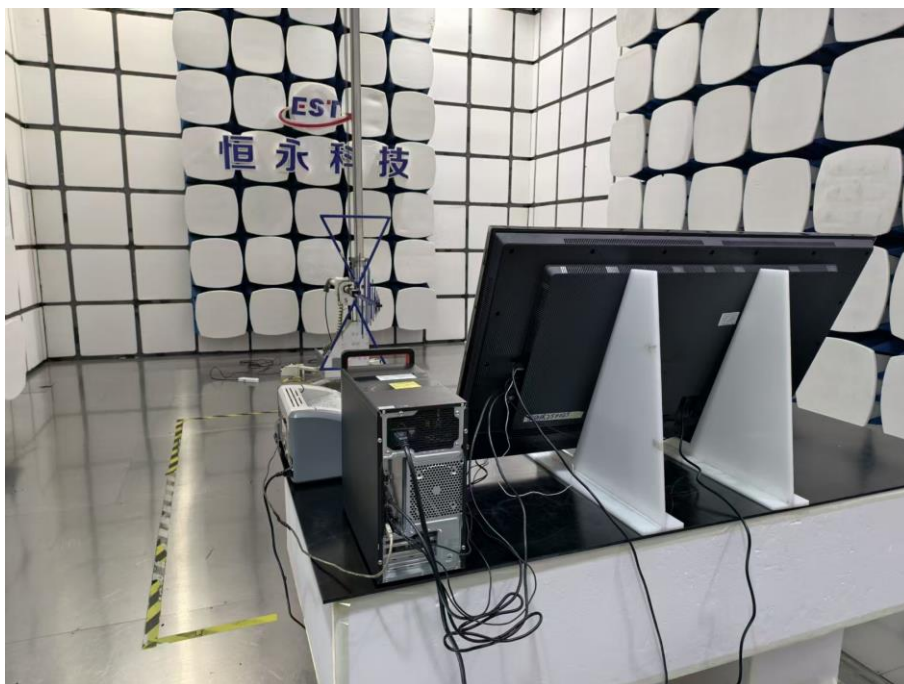
Site no. : 1# 966 Chamber Data no. : 160
Dis. / Ant. : 3m 9120D 1-18G Ant. pol. : VERTICAL
Limit : FCC PART 15(1-6G) PK
Env. / Ins. : Temp:22.4°C.Humi:53%;Press:101.1KPa
Engineer : Ted Deng
EUT : LCD Display
Power : AC 120V/60Hz
M/N : QM5503
Test Mode : Type-C Mode (3840*2160)
Landscape Mode

5. PHOTOGRAPHS OF TEST SET-UP

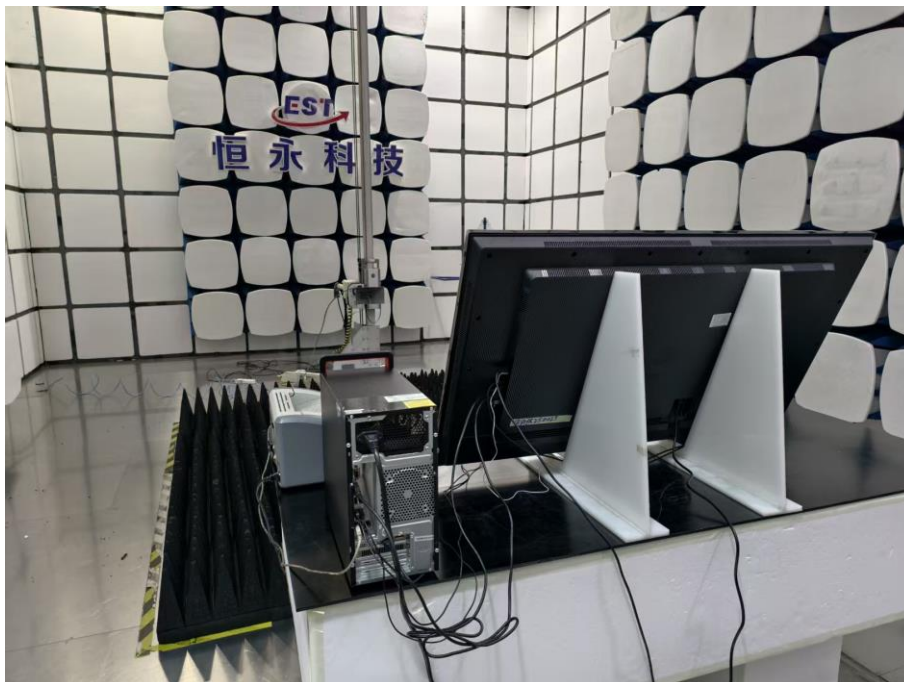
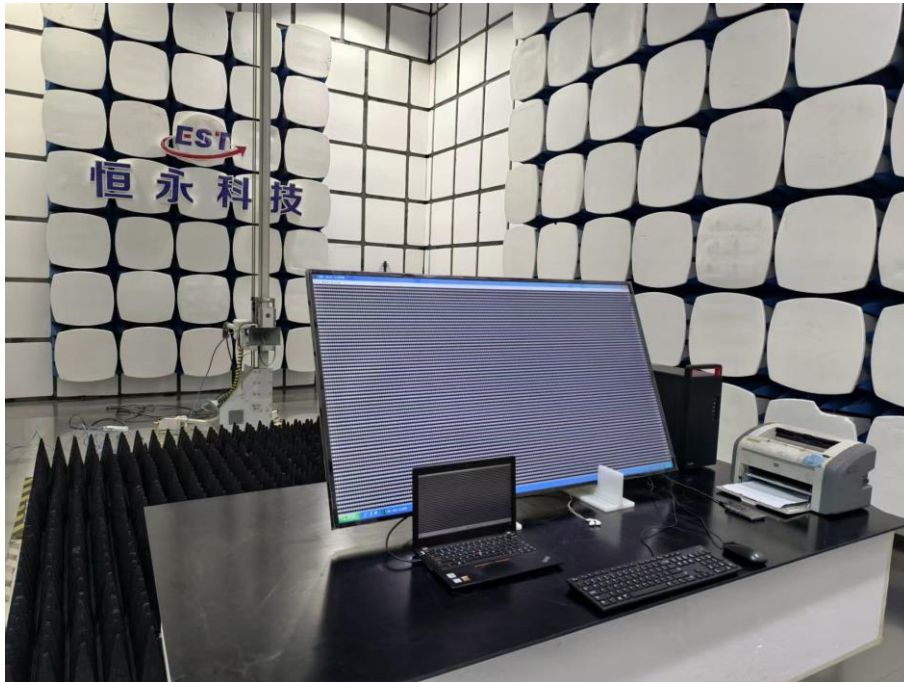
5.1. Set-up for Conducted Emission at the Mains Terminals Test



5.2.Set-up for Radiated Emission Test(30MHz-1000MHz)



5.3.Set-up for Radiated Emission Test(above 1GHz)



6. PHOTOGRAPHS OF THE EUT

Figure 1
General Appearance of the EUT

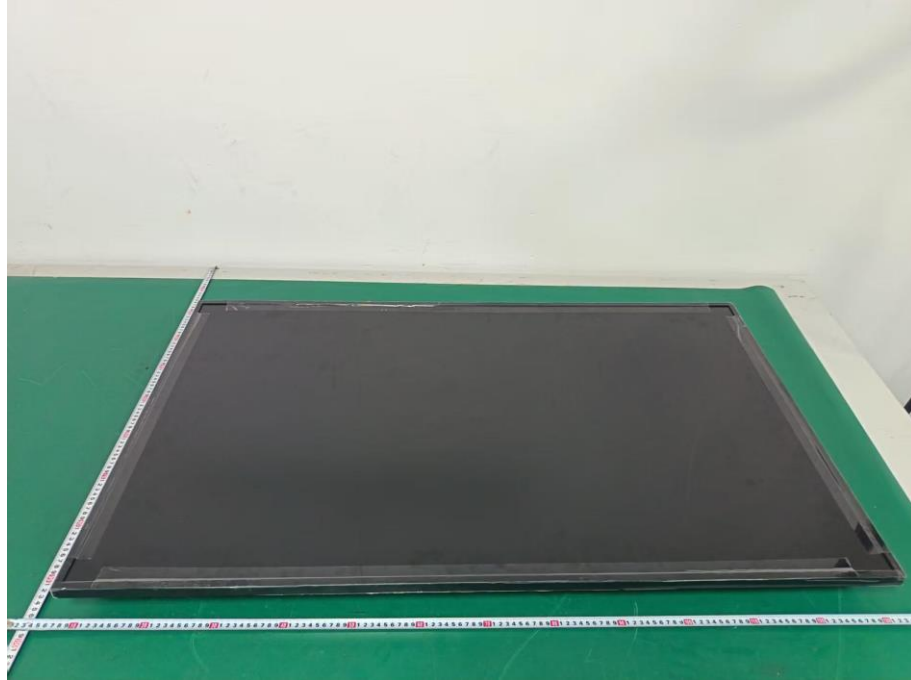


Figure 2
General Appearance of the EUT



Figure 3
General Appearance of the EUT



Figure 4
Inside View of the EUT

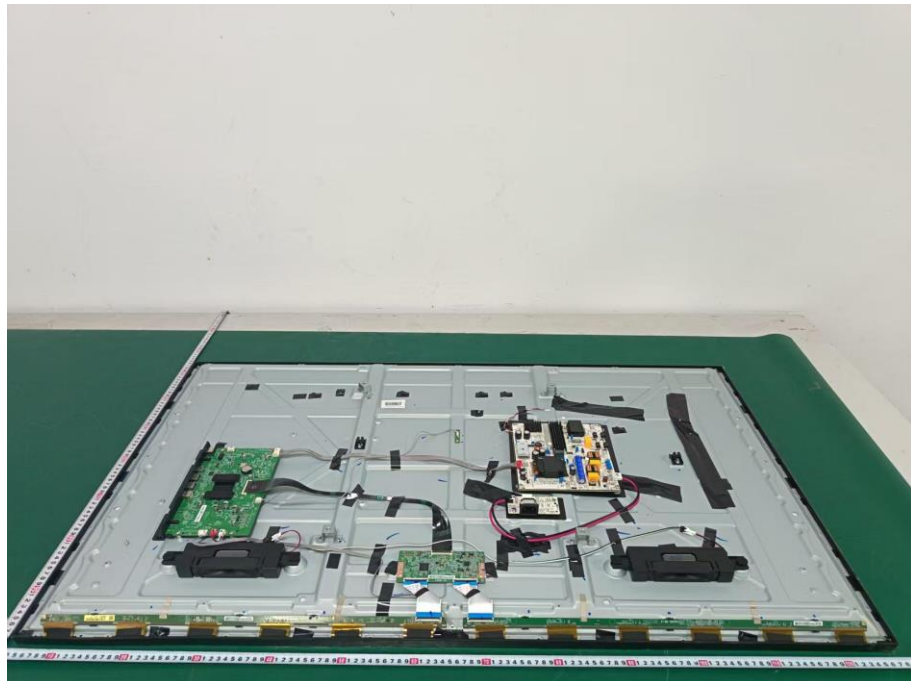


Figure 5
Inside View of the EUT

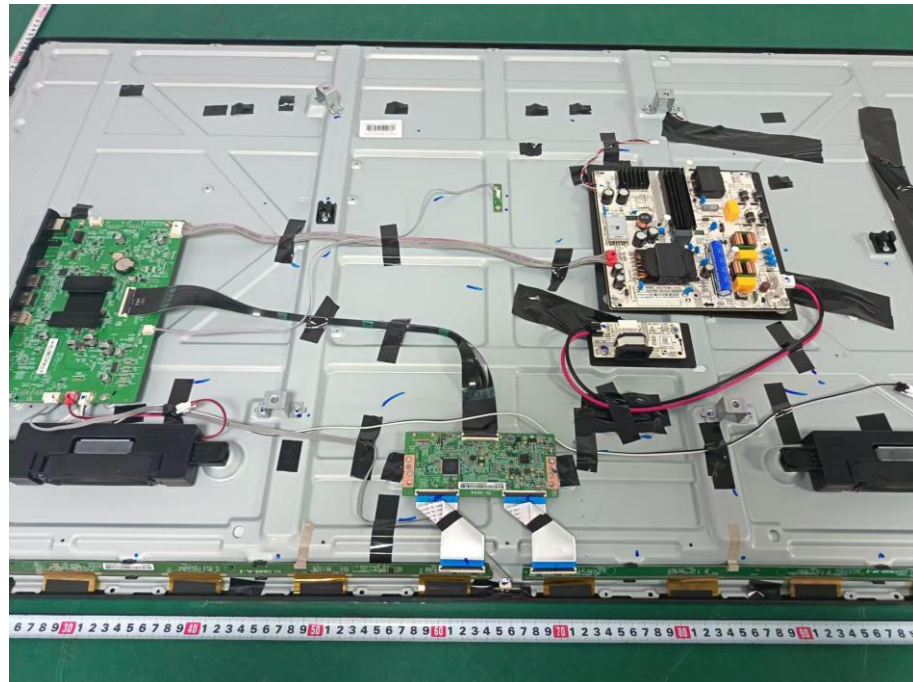


Figure 6
Inside View of the EUT

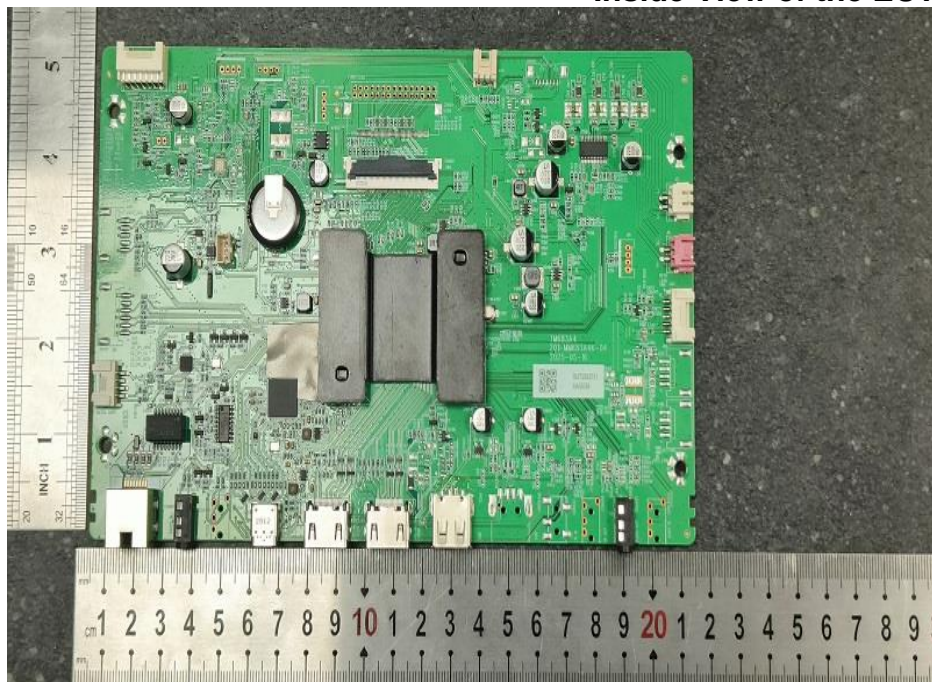


Figure 7
Inside View of the EUT

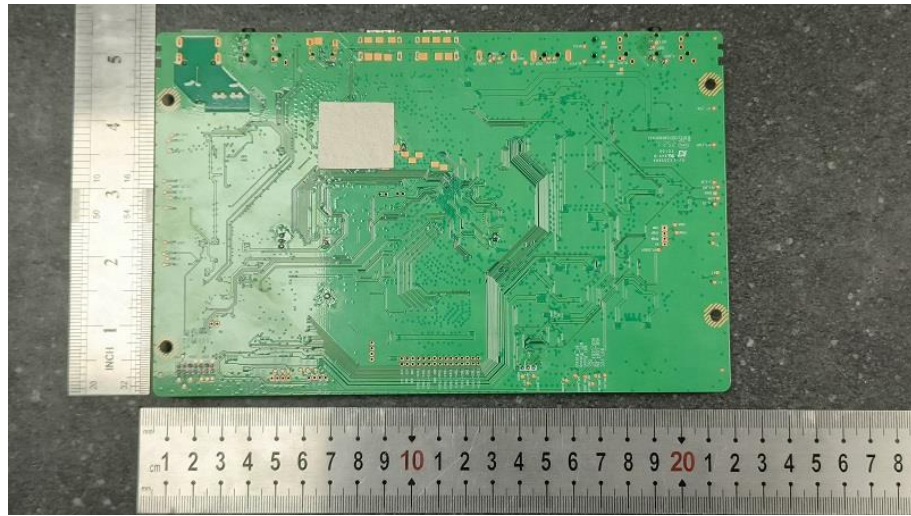


Figure 8
Inside View of the EUT

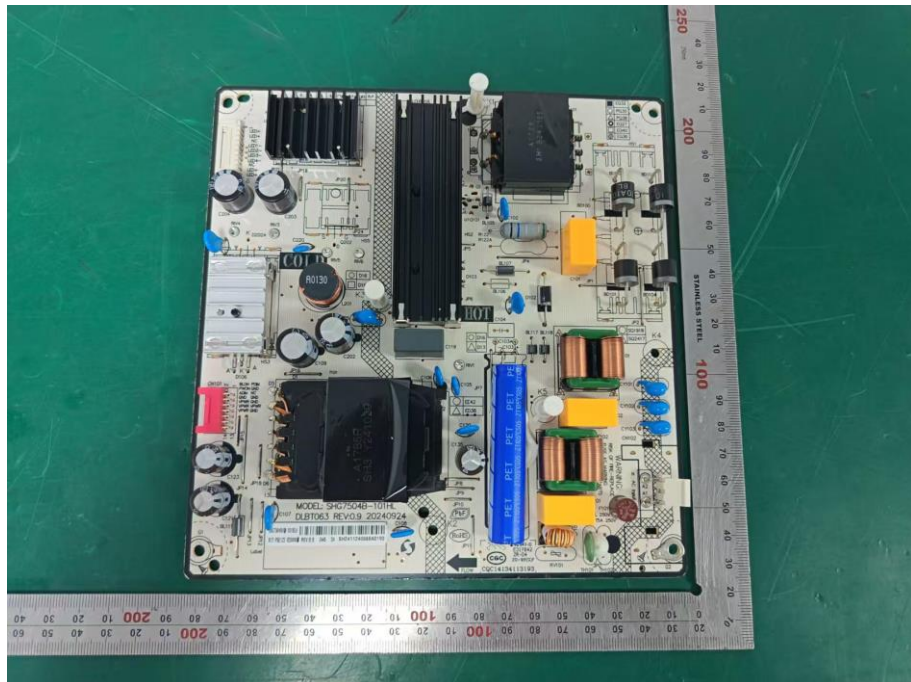


Figure 9
Inside View of the EUT

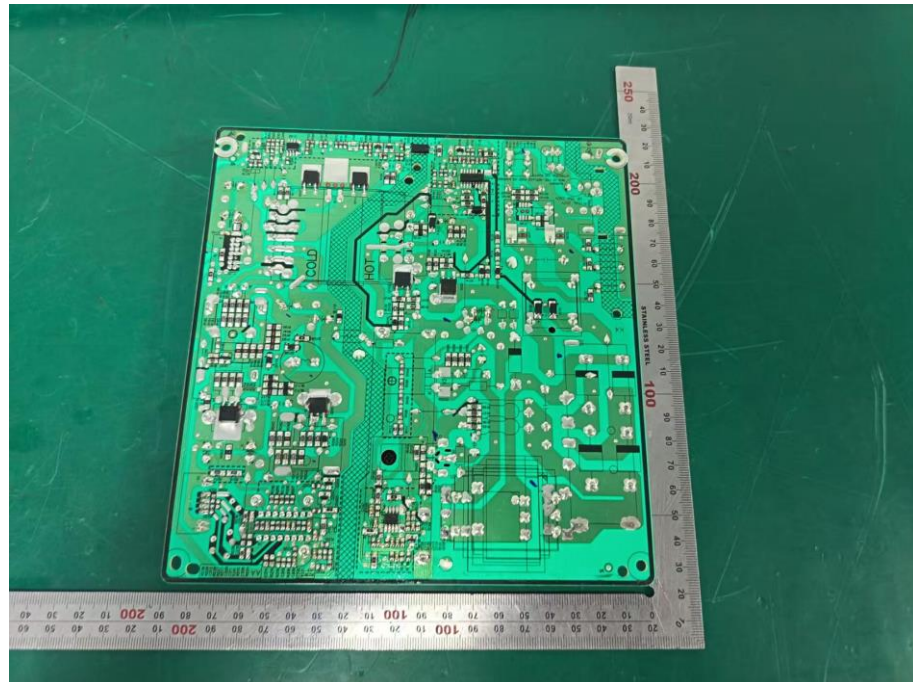


Figure 10
Inside View of the EUT

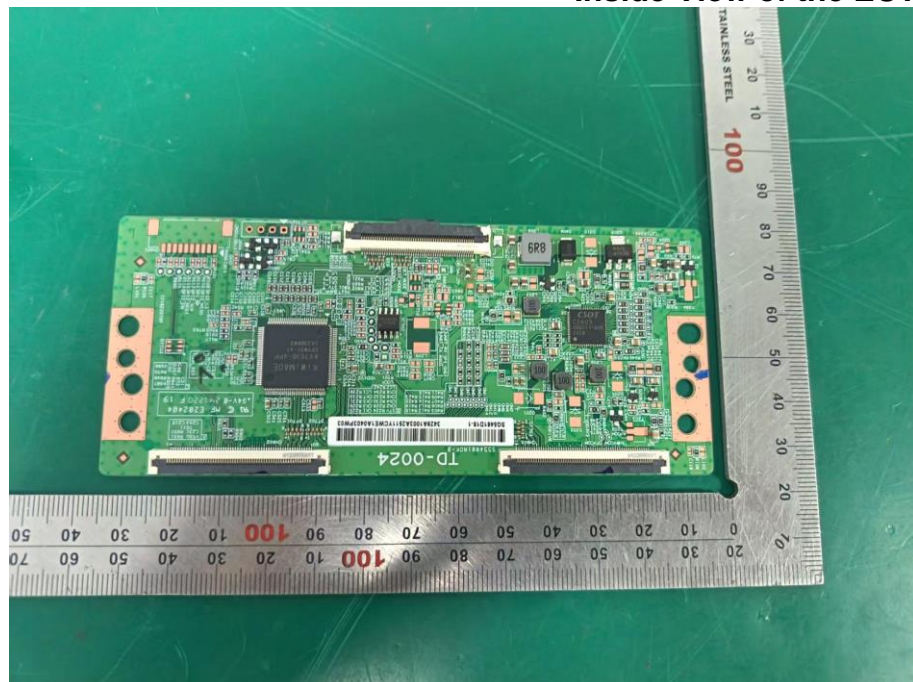


Figure 11
Inside View of the EUT

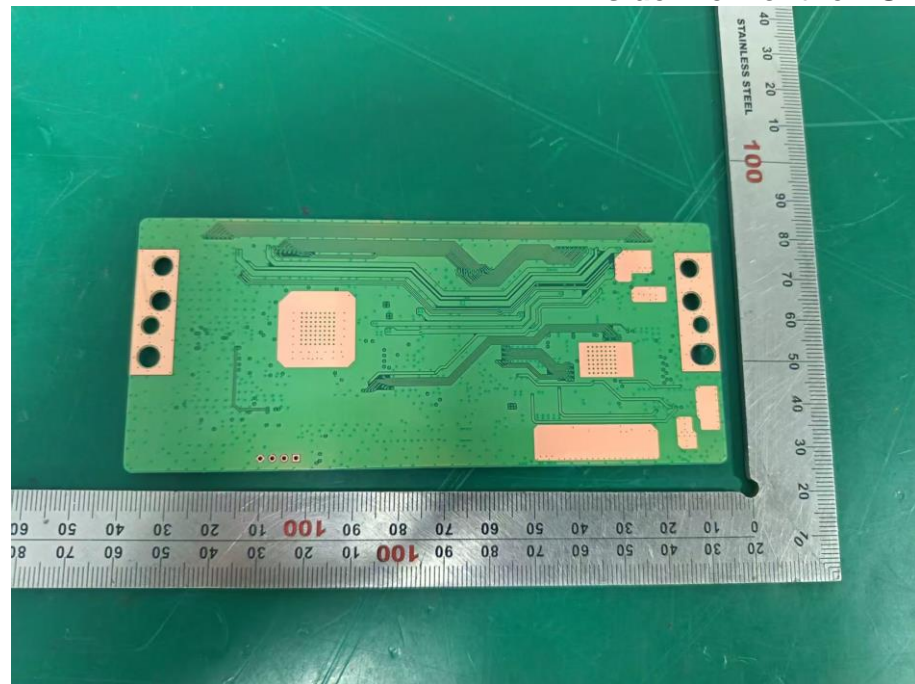


Figure 12
Inside View of the EUT

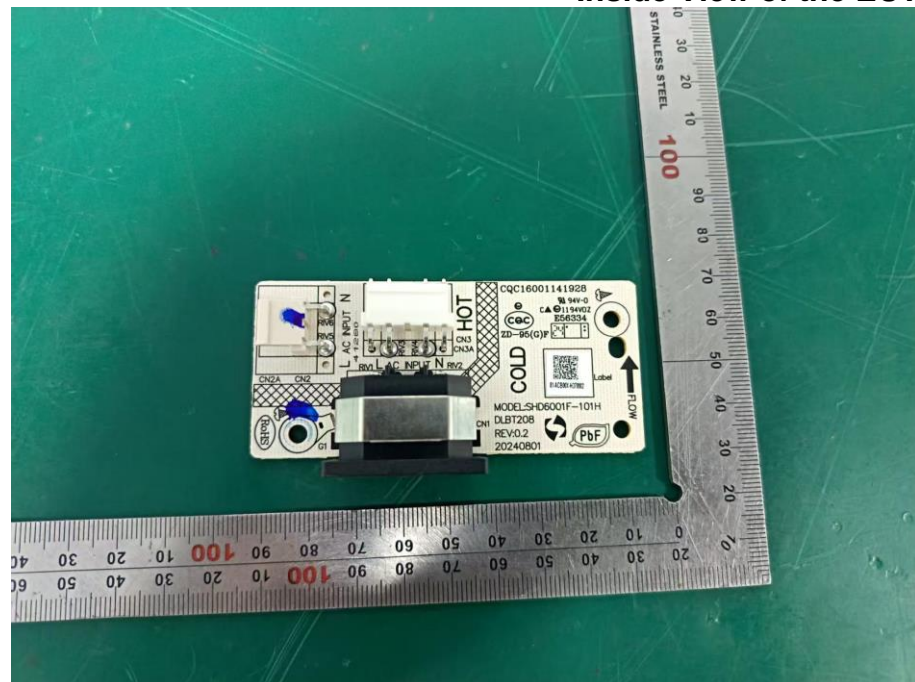
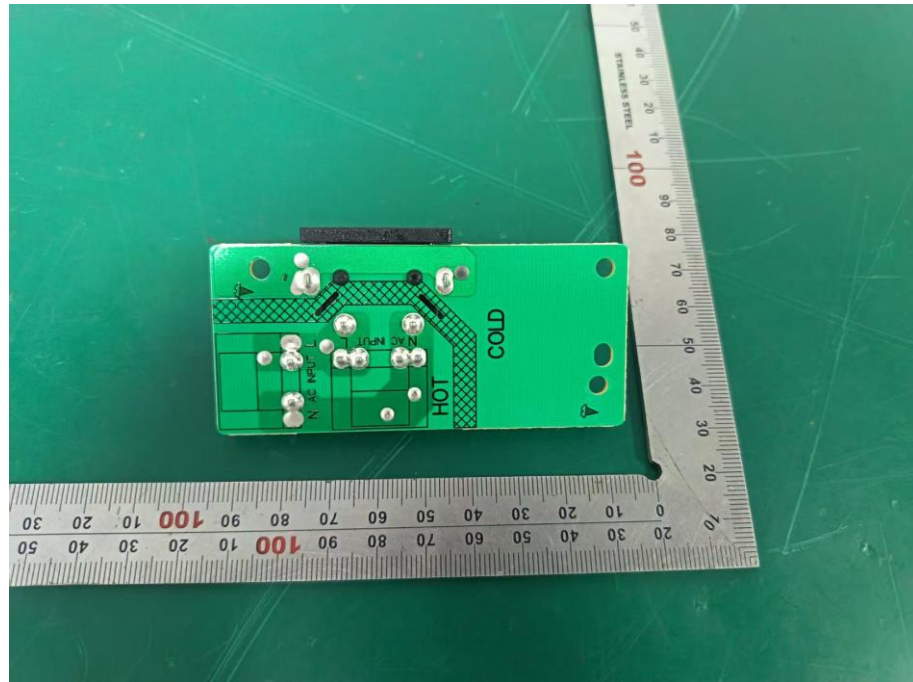


Figure 13
Inside View of the EUT



End of Test Report