

CE/EMC COMPLIANCE REPORT

For

Dongguan Jingheng Electron Co., Ltd.

Digital Mixing Console

Prepared for : Dongguan Jingheng Electron Co., Ltd.
Address : Room 101, Building 1, No.15, Shenle 1st Road, Hengli Town,
Dongguan City, 523465 Guangdong, P.R. China

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-E2607021
Date of Report : Jul. 06, 2026

TABLE OF CONTENTS

Test Report Declaration	Page
1. GENERAL PRODUCT INFORMATION	4
1.1. Product Function	4
1.2. Description of Device (EUT)	4
1.3. Difference between Model Numbers	4
1.4. Independent Operation Modes	5
1.5. Test Supporting System	5
2. TEST SITES	6
2.1. Description of Standards and Results	6
2.2. Test Facilities	7
2.3. List of Test and Measurement Instruments	8
3. TEST SET-UP AND OPERATION MODES	10
3.1. Principle of Configuration Selection	10
3.2. Block Diagram of Test Set-up	10
3.3. Test Operation Mode and Test Software	11
3.4. Special Accessories and Auxiliary Equipment	11
3.5. Countermeasures to Achieve EMC Compliance	12
4. EMISSION TEST RESULTS	13
4.1. Conducted Emission at the Mains Terminals Test	13
4.2. Asymmetric Mode Conducted Emissions Test	38
4.3. Radiated Emission Test	49
4.4. Radiated Emission Test (above 1GHz)	74
4.5. Harmonic Current Emissions on AC Mains Test	99
4.6. Voltage Fluctuations and Flicker on AC Mains Test	100
5. IMMUNITY TEST RESULT	102
5.1. Description of Performance Criteria:	102
5.2. Electrostatic Discharge Immunity Test	103
5.3. Radio Frequency Electromagnetic Field Immunity(R/S) Test	105
5.4. Electrical Fast Transient/Burst Immunity Test	107
5.5. Surge Immunity Test	109
5.6. Injected Currents Susceptibility Test	111
5.7. Power Frequency Magnetic Field Immunity Test	113
5.8. Voltage Dips and Short Interruptions Immunity Test	115
6. PHOTOGRAPHS OF TEST SET-UP	117
6.1. Set-up for Conducted Emission at the Mains Terminals Test	117
6.2. Set-up for Asymmetric Mode Conducted Emissions Test	118
6.3. Set-up for Radiated Emission Test	119
6.4. Set-up for Radiated Emission Test(above 1GHz)	120
6.5. Set-up for Harmonic Current Emissions and Flicker on AC Mains Test	121
6.6. Set-up for Electrostatic Discharge Immunity Test	121
6.7. Set-up for Radio Frequency Electromagnetic Field Immunity(R/S) Test	122
6.8. Set-up for Electrical Fast Transient/Burst Immunity Test	122
6.9. Set-up for Surge Immunity Test	123
6.10. Set-up for Power Frequency Magnetic Field Immunity Test	124
6.11. Set-up for Injected Currents Susceptibility Test	124
6.12. Set-up for Voltage Dips and Short Interruptions Immunity Test	125
7. PHOTOGRAPHS OF THE EUT	126

Applicant: Dongguan Jingheng Electron Co., Ltd.
Address: Room 101, Building 1, No.15, Shenle 1st Road, Hengli Town,
Dongguan City, 523465 Guangdong, P.R. China

Manufacturer: Dongguan Jingheng Electron Co., Ltd.
Address: Room 101, Building 1, No.15, Shenle 1st Road, Hengli Town,
Dongguan City, 523465 Guangdong, P.R. China

Factory: Dongguan Jingheng Electron Co., Ltd.
Address: No.15, Shenle 1st Road, Hengli Town, Dongguan City,
523465 Guangdong, P.R. China

E.U.T: Digital Mixing Console

Model Number: SHOW: DMC24. 12
TOPP PRO: DMC24. 12, DM24. 12C

Trade Name: SHOW, TOPP PRO **Serial No:** -----

Date of Receipt: Jun. 15, 2026 **Date of Test:** Jun. 30, 2026 to
Jul. 02, 2026

Test Specification: EN 55032:2015+A1:2020/ BS EN 55032:2015+A1:2020
EN 55035:2017+A11:2020/ BS EN 55035:2017+A11:2020
EN IEC 61000-3-2:2019+A1:2021+A2:2024
BS EN IEC 61000-3-2:2019+A1:2021+A2:2024
EN 61000-3-3:2013+A1:2019+A2:2021
BS EN 61000-3-3:2013+A1:2019+A2:2021

Test Result: The equipment under test was found to be compliance with the
requirements of the standards applied.

Issue Date: Jul. 17, 2026

Prepared by:

Reviewed by:

Approved by:



Elsie Ou / 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	: Digital Mixing Console
Model No.	: DMC24.12
System Input Voltage	: DC 18V From Adapter Input AC 100-240V, 50/60Hz, 3A
Adapter No.	: GQ72-180400-E1
Power	: 54W
Work Freq.	: 2.4GHz
Sample No.	: EST-260615023-001

1.3. Difference between Model Numbers

Note: The products are only different for model number and trade name.

1.4. Independent Operation Modes

The basic operation modes are:

1.4.1.INPUT+RCA IN+Bluetooth+OTG Play

1.4.2.INPUT+RCA IN+Bluetooth+OTG Record

1.4.3.INPUT+RCA IN+Bluetooth+OTG Play+Dante

1.4.4.INPUT+RCA IN+Bluetooth+OTG Record+Dante

1.4.5.INPUT+RCA IN+Bluetooth+OTG Play+AES-67

1.4.6.INPUT+RCA IN+Bluetooth+OTG Record+AES-67

1.5. Test Supporting System

2. TEST 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 emissions (AC mains power ports)	EN 55032:2015+A1:2020	Class B	PASS	
		Minimum passing margin is 4.16 dB at 0.17 MHz		
Asymmetric mode conducted emissions	EN 55032:2015+A1:2020	Class B	PASS	
		More than 20 dB below the limit line.		
Conducted differential voltage emissions	EN 55032:2015+A1:2020	-----	N/A	
		More than *** dB below the limit line.		
Radiated Emission	EN 55032:2015+A1:2020	Class B	PASS	
		Minimum passing margin is 2.59 dB at 375.32 MHz		
Radiated Emission Test (above 1GHz)	EN 55032:2015+A1:2020	Class B	PASS	
		Minimum passing margin is 12.35 dB at 1440.00 MHz		
Harmonic current emissions	EN IEC 61000-3-2:2019+ A1:2021+A2:2024	-----	N/A	
Voltage fluctuations & flicker	EN 61000-3-3:2013+A1:2019 +A2:2021	Section 4.6	PASS	
IMMUNITY (EN 55035:2017+A11:2020)				
Description of Test Item	Basic Standard	Performance Criteria	Observation Criteria	Results
Electrostatic discharge (ESD)	EN 61000-4-2:2009	B	B	PASS
Radio-frequency,Continuous radiated disturbance	EN IEC 61000-4-3:2020	A	A	PASS
Electrical fast transient (EFT)	EN 61000-4-4:2012	B	B	PASS
Surge (Input a.c. power port)	EN 61000-4-5:2014+A1:2017	B	B	PASS
Radio-frequency, Continuous conducted disturbance	EN IEC 61000-4-6:2023	A	A	PASS
Power frequency magnetic field	EN 61000-4-8:2010	A	A	PASS
Voltage dips, >95% reduction	EN IEC 61000-4-11:2020	B	B	PASS
Voltage dips, 30% reduction		C	B	PASS
Voltage interruptions		C	C	PASS
N/A is an abbreviation for Not Applicable.				

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, 2028

Accredited by A2LA, USA
Registration No.: 4366.01
This Accreditation is valid until: January 31, 2028

Recognized by Industry Canada
CAB identifier No.: CN0035
This Recognition is valid until: January 31, 2028

Recognized by VCCI, Japan
Registration No.: C-14103; T-20073; R-13663;
R-20103; G-20097
Date of registration: Apr. 20, 2026
This Recognition is valid until: Apr. 19, 2029

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, 2026	Jun. 10, 2027
Artificial Mains Network	Rohde & Schwarz	ENV216	EST-E048	Jun. 11, 2026	Jun. 10, 2027
Artificial Mains Network	Rohde & Schwarz	ENV216	EST-E072	Jun. 11, 2026	Jun. 10, 2027
Pulse Limiter	Rohde & Schwarz	ESH3-Z2	EST-E078	Jun. 11, 2026	Jun. 10, 2027
Test Software	Audix	e3-6.111221a	N/A	N/A	N/A

2.3.2.For asymmetric mode conducted emissions test

Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Next Cal.
EMI Test Receiver	Rohde & Schwarz	ESCI3	EST-E071	Jun. 11, 2026	Jun. 10, 2027
Current Transformer	SCHWARZBECK	SW9605	EST-E045	Jun. 11, 2026	Jun. 10, 2027
Test Software	Audix	e3-6.111221a	N/A	N/A	N/A

2.3.3.For radiated emission test (3# 966 radiation)

Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Next Cal.
EMI Test Receiver	Rohde & Schwarz	ESPI3	EST-E004	Jun. 11, 2026	Jun. 10, 2027
Bilog Antenna	Teseq	CBL 6111D	EST-E076	Jun. 11, 2026	Jun. 10, 2027
Test Software	Audix	e3-6.111221a	N/A	N/A	N/A

2.3.4.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, 2026	Jun. 10, 2027
Low Noise Amplifier	EMC solutions	TRLA-000060G40N	EST-E166	Jun. 11, 2026	Jun. 10, 2027
Horn Antenna	SCHWARZBECK	BBHA 9120 D	EST-E031	Jun. 11, 2026	Jun. 10, 2027
Test Software	Audix	e3-6.111221a	N/A	N/A	N/A

2.3.5.For harmonic current emissions and voltage fluctuations/flicker test

Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Next Cal.
Power Analyzer	California Instruments	3001IX-208-CTS	EST-E011	Jun. 11, 2026	Jun. 10, 2027
Voltage Source	California Instruments	5001i-400	EST-E164	Jun. 11, 2026	Jun. 10, 2027
Test Software	California Instruments	CTS	N/A	N/A	N/A

2.3.6.For electrostatic discharge immunity test

Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Next Cal.
ESD Generator	Teseq	NSG437	EST-E132	Jun. 11, 2026	Jun. 10, 2027

2.3.7.For electrical fast transient/burst immunity test

Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Next Cal.
EFT Generator	EMC PARTNER	TRANSIENT 2000	EST-E074	Jun. 11, 2026	Jun. 10, 2027
Compact Immunity Test System	3ctest	CCS 500	EST-E129	Jun. 11, 2026	Jun. 10, 2027
Capacitive Coupling Clamp	HAEFELY	IP4A	EST-E040	Jun. 11, 2026	Jun. 10, 2027

2.3.8. Radio Frequency Electromagnetic Field Immunity (R/S) Test

Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Next Cal.
Signal Generator	Agilent	N5181A	EST-E060	Jun. 11, 2026	Jun. 10, 2027
Power Amplifier	SKET	HAP801000M-250W	EST-E061	N/A	N/A
Power Amplifier	SKET	HAP0103G-75W	EST-E062	N/A	N/A
Power Amplifier	SKET	HAP0306G-50W	EST-E063	N/A	N/A
Power Meter	Agilent	E4419B	EST-E064	Jun. 11, 2026	Jun. 10, 2027
Power sensor	Agilent	E9301A	EST-E065	Jun. 11, 2026	Jun. 10, 2027
Power sensor	HP	E9301A	EST-E066	Jun. 11, 2026	Jun. 10, 2027
Antenna	Schwarzbeck	STLP 9129	EST-E059	N/A	N/A
E-Field Probe	Narda	EP-601	EST-E067	Jun. 11, 2026	Jun. 10, 2027
Audio Analyzer	Rohde & Schwarz	UPV	EST-E024	Jun. 11, 2026	Jun. 10, 2027
Test Software	SKET	EMC-S	V1.2.0.48	N/A	N/A

2.3.9. For surge immunity test

Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Next Cal.
Surge Controller	HAEFELY	PSURGE8000	EST-E015	Jun. 11, 2026	Jun. 10, 2027
Surge Impulse Module	HAEFELY	PIM100	EST-E016	Jun. 11, 2026	Jun. 10, 2027
Surge Coupling Network	HAEFELY	PCD100	EST-E017	Jun. 11, 2026	Jun. 10, 2027

2.3.10. For injected currents susceptibility test

Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Next Cal.
Signal Generator	Rohde & Schwarz	SMB100A	EST-E025	Jun. 11, 2026	Jun. 10, 2027
Power Amplifier	FRANKONIA	CIT-10	EST-E021	N/A	N/A
Power Meter	Rohde & Schwarz	NRVS	EST-E027	Jun. 11, 2026	Jun. 10, 2027
Audio Analyzer	Rohde & Schwarz	UPV	EST-E024	Jun. 11, 2026	Jun. 10, 2027
CDN	FRANKONIA	CDN-M2+M3	EST-E022	Jun. 11, 2026	Jun. 10, 2027
EM-Clamp	FRANKONIA	EMCL-20	EST-E042	Jun. 11, 2026	Jun. 10, 2027
Test Software	SKET	EMC-S	V1.2.0.80	N/A	N/A

2.3.11. For power frequency magnetic field immunity test

Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Next Cal.
Magnetic Field Tester	HAEFELY	MFS 100	EST-E018	Jun. 11, 2026	Jun. 10, 2027

2.3.12. For voltage dips and short interruptions immunity test

Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Next Cal.
Power Fail Simulator	3ctest	PFS 2216SD	EST-E136	Jun. 11, 2026	Jun. 10, 2027

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

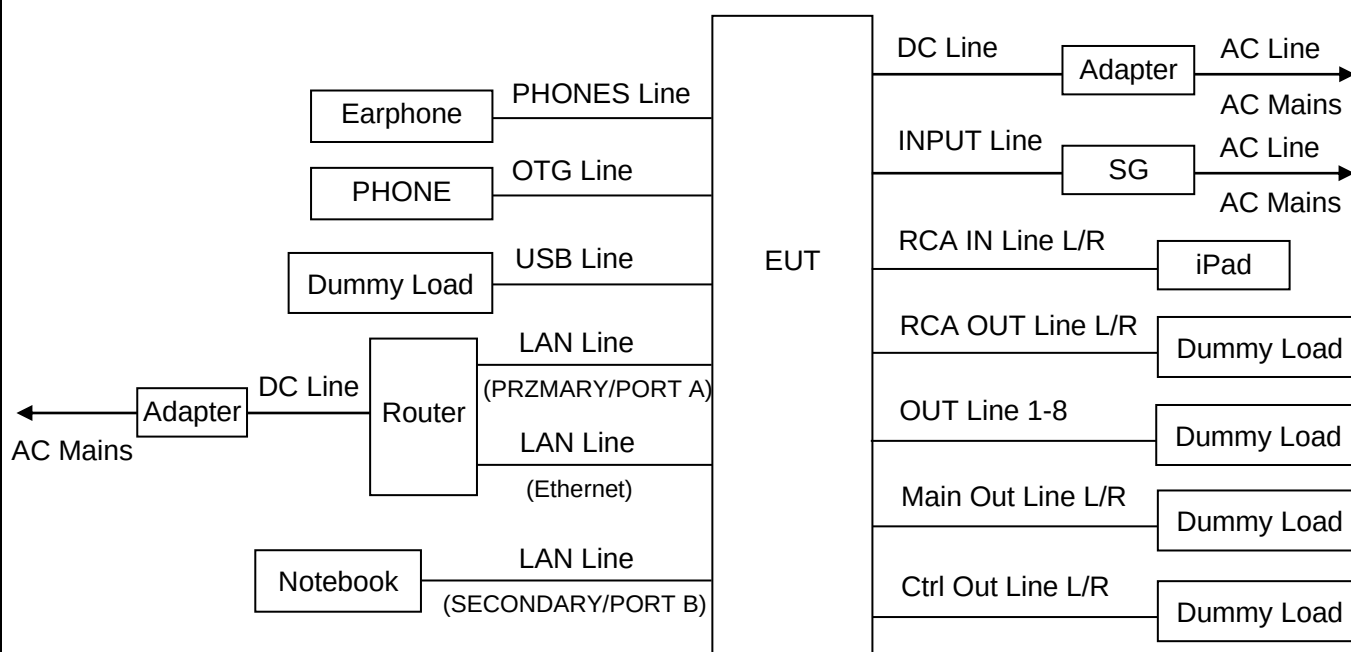
Emission: The equipment under test (EUT) was configured to measure its highest possible radiation level. The test modes were adapted accordingly in reference to the Operating Instructions.

Immunity: The equipment under test (EUT) was configured to the representative operating mode and conditions.

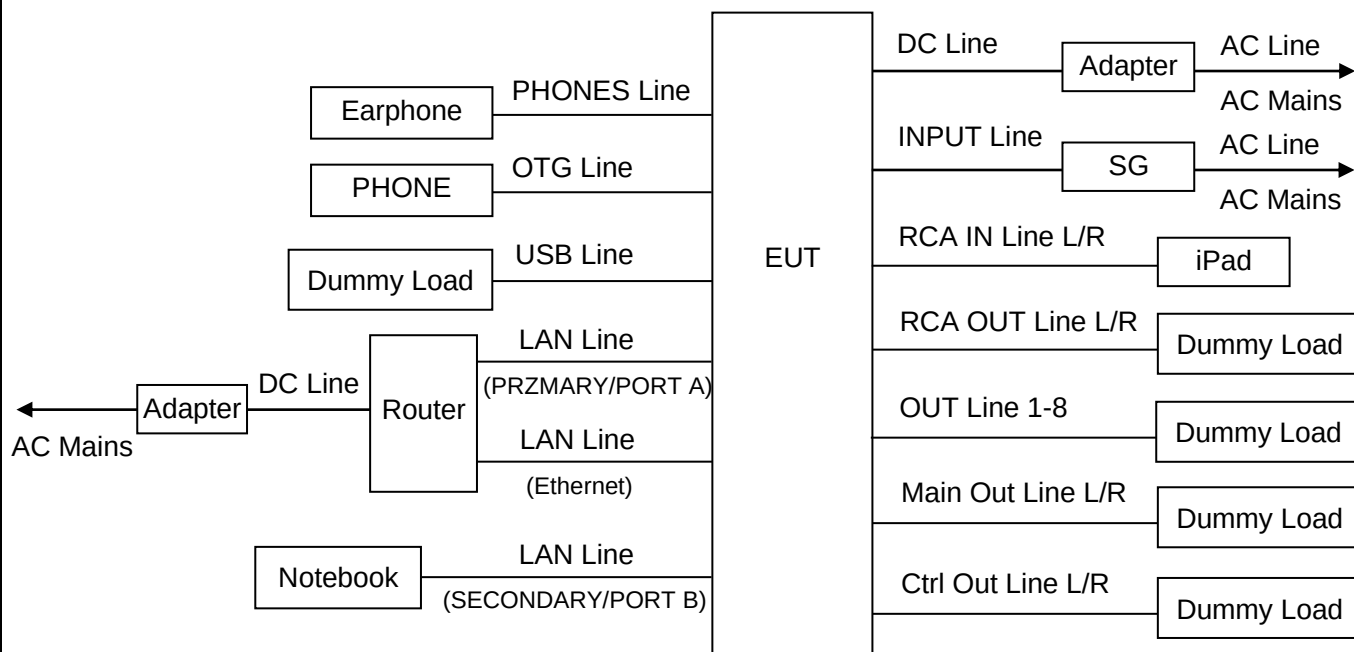
3.2. Block Diagram of Test Set-up

System Diagram of Connections Between EUT and Auxiliary equipment

3.2.1. For emission test



3.2.2. For immunity test



(EUT: Digital Mixing Console)

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.Router

M / N : RT-AC66U
S / N : G1ICGG000260
Manufacturer : ASUS
Ethernet Line : Shielded, Detachable 1.5m

3.4.2.Notebook

M / N : Thinkpad X280
S / N : SL10P97711
Manufacturer : Lenovo

3.4.3. Earphone

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

3.4.4. iPad

M / N : A1893
S / N : DMPY3KL5JF8K
Manufacturer : Apple

3.4.5. Signal Generator

M / N : TAG-101
S / N : EST017-001T
Manufacturer : Tronson

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 : EN 55032:2015+A1:2020
 Frequency range : 150 kHz to 30 MHz
 Test Site : 2#CE Shielded Room
 Limits : EN 55032:2015+A1:2020 Class B

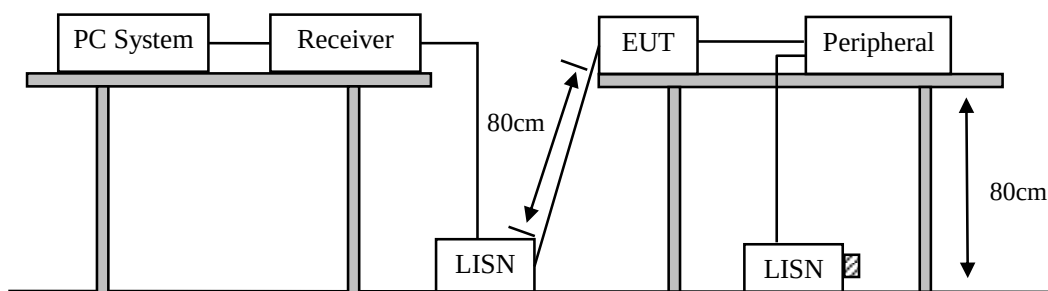
Test Setup

Date of test : Jun. 30, 2026
 Model No. : DMC24.12
 Input Voltage : DC 18V From Adapter Input AC 230V/50Hz
 DC 18V From Adapter Input AC 110V/60Hz
 Operation Mode : INPUT+RCA IN+Bluetooth+OTG Play,
 INPUT+RCA IN+Bluetooth+OTG Record,
 INPUT+RCA IN+Bluetooth+OTG Play+Dante,
 INPUT+RCA IN+Bluetooth+OTG Record+Dante,
 INPUT+RCA IN+Bluetooth+OTG Play+AES-67,
 INPUT+RCA IN+Bluetooth+OTG Record+AES-67

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

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

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

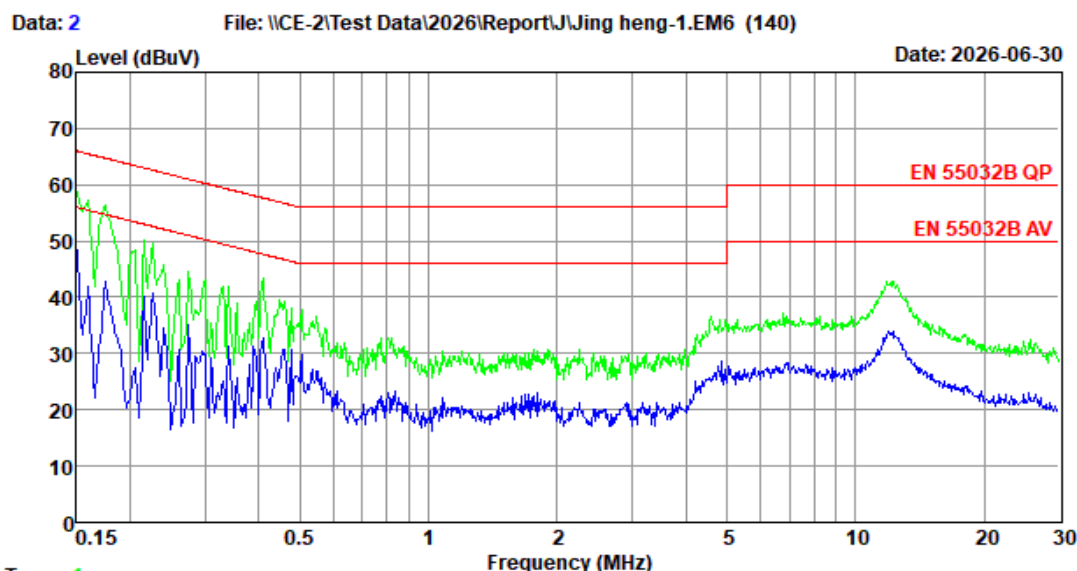


Note: Test uncertainty: $\pm 3.42\text{dB}$ at a level of confidence of 95%.(2#CE)

Test Data

EST Technology

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



Trace: 1

Site no : 2#CE Shield Room Data no. : 2

Env. / Ins. : Temp:25.8°C Humi:65% Press:101.50kPa LINE Phase : NEUTRAL

Limit : EN 55032B QP

Engineer : Dylan Cai

EUT : Digital Mixing Console

Power : DC 18V From Adapter Input AC 230V/50Hz

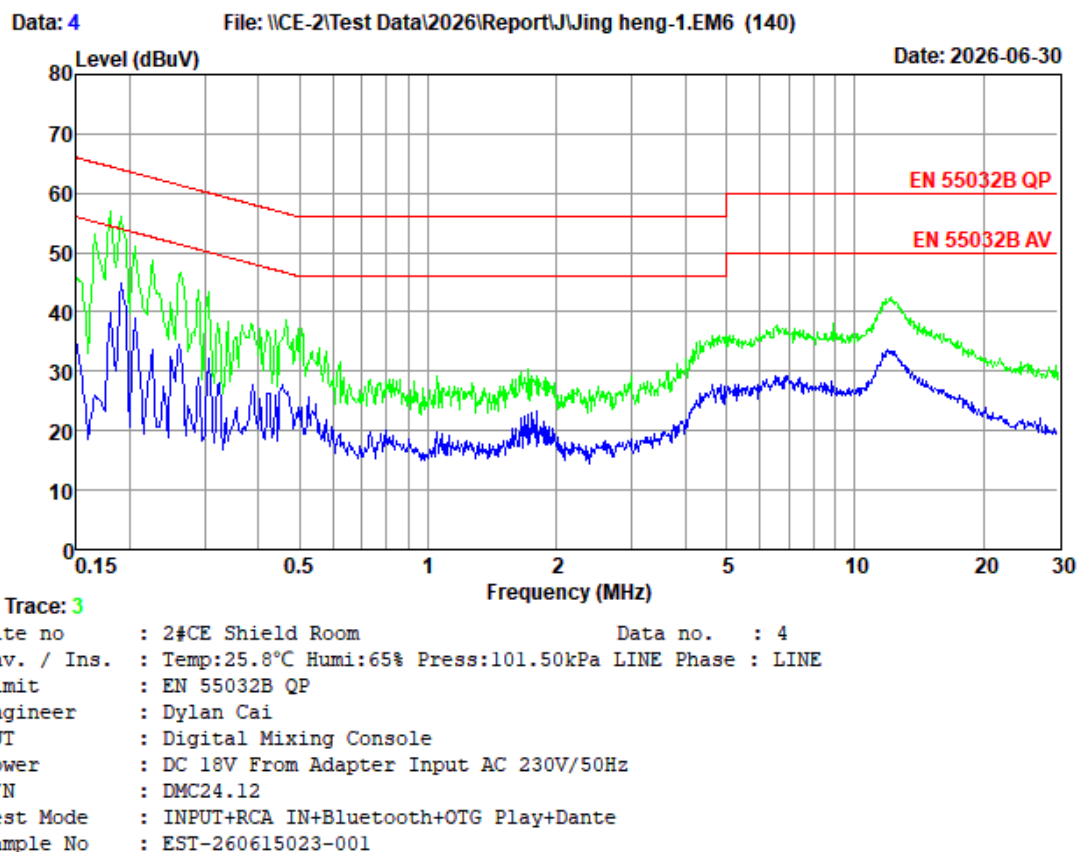
M/N : DMC24.12

Test Mode : INPUT+RCA IN+Bluetooth+OTG Play+Dante

Sample No : EST-260615023-001

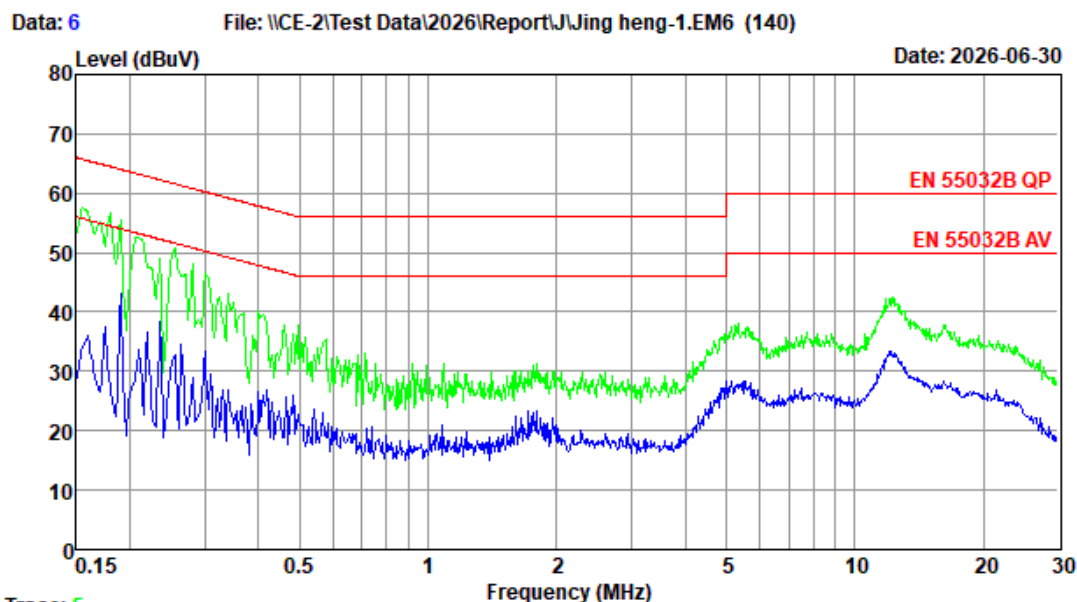
EST Technology

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



EST Technology

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



Trace: 5

Site no : 2#CE Shield Room Data no. : 6

Env. / Ins. : Temp:25.8°C Humi:65% Press:101.50kPa LINE Phase : LINE

Limit : EN 55032B QP

Engineer : Dylan Cai

EUT : Digital Mixing Console

Power : DC 18V From Adapter Input AC 110V/60Hz

M/N : DMC24.12

Test Mode : INPUT+RCA IN+Bluetooth+OTG Play+Dante

Sample No : EST-260615023-001

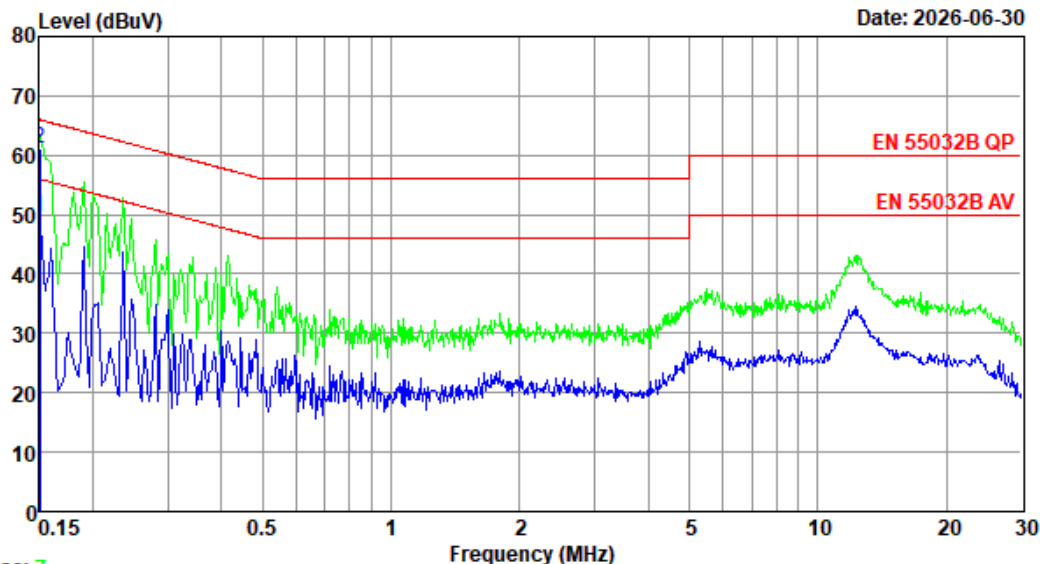
EST Technology

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

Data: 8

File: \\CE-2\Test Data\2026\Report\Jing heng-1.EM6 (140)

Date: 2026-06-30



Trace: 7

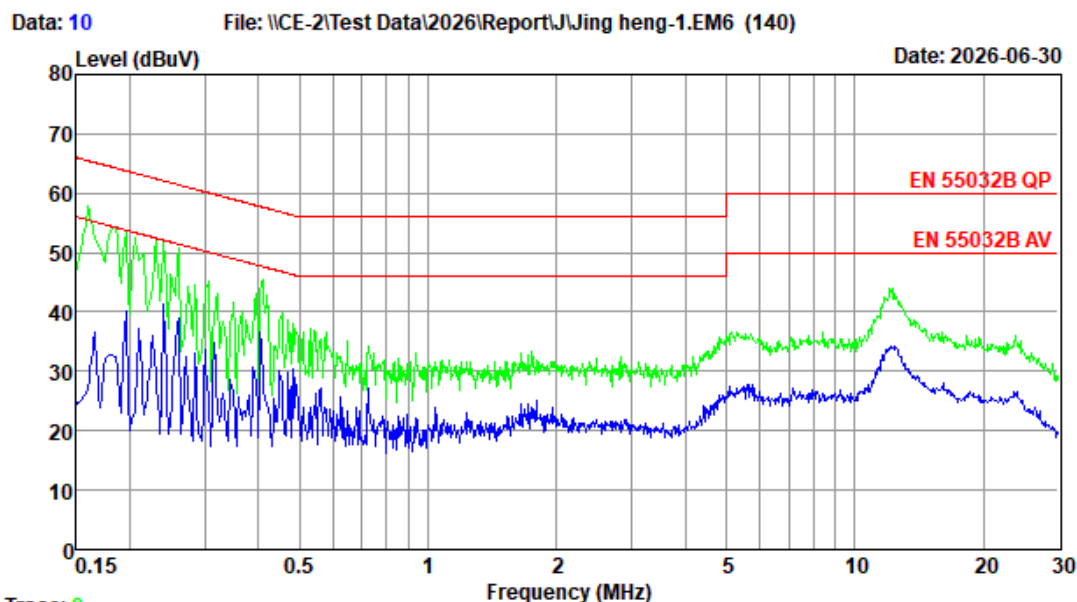
Site no : 2#CE Shield Room Data no. : 8
Env. / Ins. : Temp:25.8°C Humi:65% Press:101.50kPa LINE Phase : NEUTRAL
Limit : EN 55032B QP
Engineer : Dylan Cai
EUT : Digital Mixing Console
Power : DC 18V From Adapter Input AC 110V/60Hz
M/N : DMC24.12
Test Mode : INPUT+RCA IN+Bluetooth+OTG Play+Dante
Sample No : EST-260615023-001

	Freq. (MHz)	LISN Factor (dB)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuV)	Limits (dBuV)	Margin (dB)	Remark
1	0.15	9.92	9.83	29.84	49.59	56.00	6.41	Average
2	0.15	9.92	9.83	41.30	61.05	66.00	4.95	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

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



Trace: 9

Site no : 2#CE Shield Room Data no. : 10

Env. / Ins. : Temp:25.8°C Humi:65% Press:101.50kPa LINE Phase : NEUTRAL

Limit : EN 55032B QP

Engineer : Dylan Cai

EUT : Digital Mixing Console

Power : DC 18V From Adapter Input AC 110V/60Hz

M/N : DMC24.12

Test Mode : INPUT+RCA IN+Bluetooth+OTG Record+Dante

Sample No : EST-260615023-001

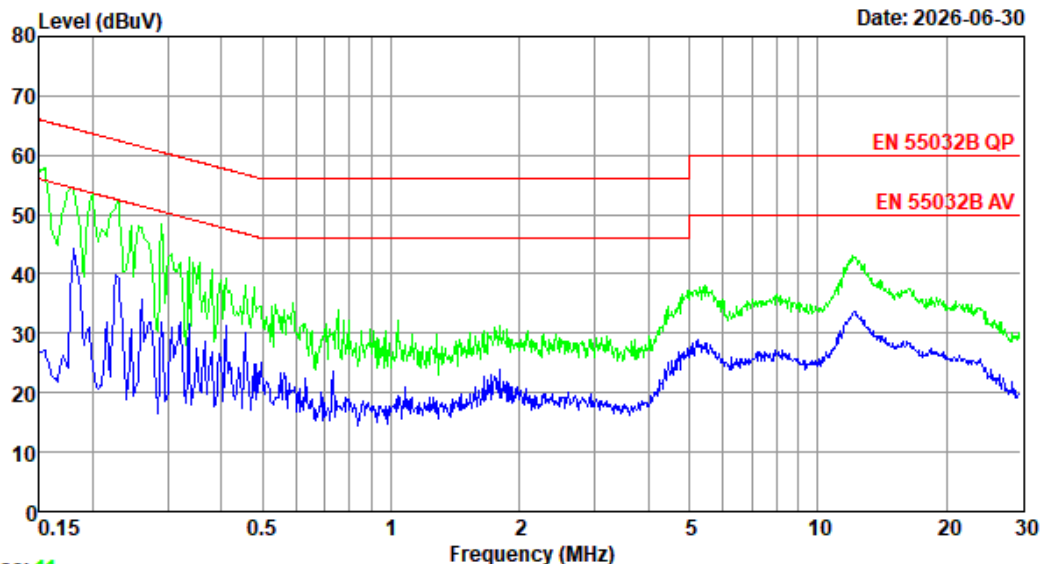
EST Technology

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

Data: 12

File: \\CE-2\Test Data\2026\Report\J\Jing heng-1.EM6 (140)

Date: 2026-06-30



Site no : 2#CE Shield Room Data no. : 12
Env. / Ins. : Temp:25.8°C Humi:65% Press:101.50kPa LINE Phase : LINE
Limit : EN 55032B QP
Engineer : Dylan Cai
EUT : Digital Mixing Console
Power : DC 18V From Adapter Input AC 110V/60Hz
M/N : DMC24.12
Test Mode : INPUT+RCA IN+Bluetooth+OTG Record+Dante
Sample No : EST-260615023-001

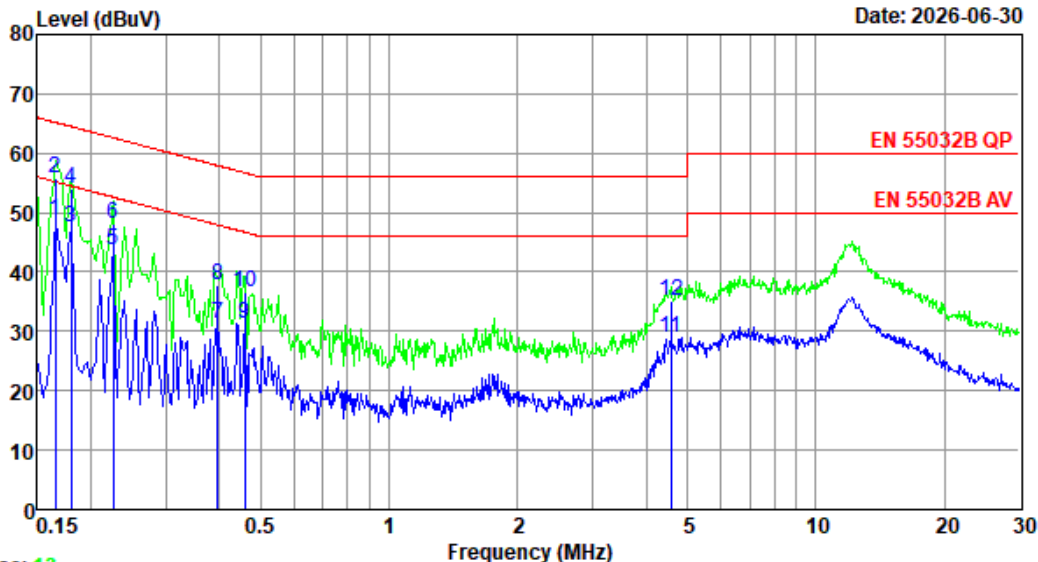
EST Technology

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

Data: 14

File: \\CE-2\Test Data\2026\Report\Jing heng-1.EM6 (140)

Date: 2026-06-30



Trace: 13

Site no : 2#CE Shield Room Data no. : 14
Env. / Ins. : Temp:25.8°C Humi:65% Press:101.50kPa LINE Phase : LINE
Limit : EN 55032B QP
Engineer : Dylan Cai
EUT : Digital Mixing Console
Power : DC 18V From Adapter Input AC 230V/50Hz
M/N : DMC24.12
Test Mode : INPUT+RCA IN+Bluetooth+OTG Record+Dante
Sample No : EST-260615023-001

	Freq. (MHz)	LISN Factor (dB)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuV)	Limits (dBuV)	Margin (dB)	Remark
1	0.17	9.94	9.83	28.90	48.67	55.21	6.54	Average
2	0.17	9.94	9.83	36.10	55.87	65.21	9.34	QP
3	0.18	9.92	9.85	27.70	47.47	54.50	7.03	Average
4	0.18	9.92	9.85	34.30	54.07	64.50	10.43	QP
5	0.23	9.90	9.85	23.82	43.57	52.61	9.04	Average
6	0.23	9.90	9.85	28.30	48.05	62.61	14.56	QP
7	0.40	9.82	9.84	11.65	31.31	47.95	16.64	Average
8	0.40	9.82	9.84	18.20	37.86	57.95	20.09	QP
9	0.46	9.84	9.84	11.73	31.41	46.71	15.30	Average
10	0.46	9.84	9.84	16.90	36.58	56.71	20.13	QP
11	4.57	9.70	9.97	9.36	29.03	46.00	16.97	Average
12	4.57	9.70	9.97	15.59	35.26	56.00	20.74	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.

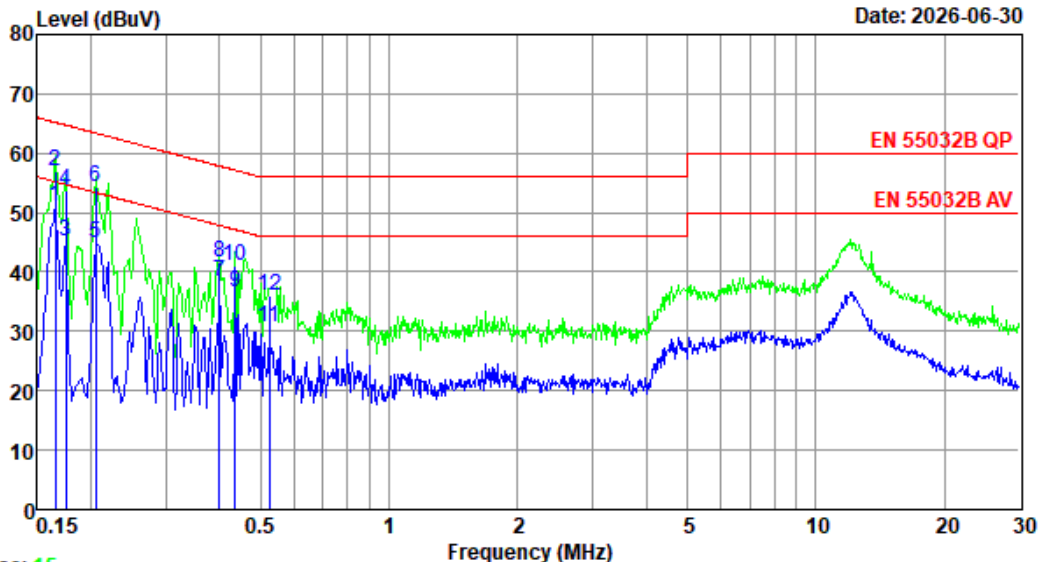
EST Technology

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

Data: 16

File: \\CE-2\Test Data\2026\Report\J\Jing heng-1.EM6 (140)

Date: 2026-06-30



Trace: 15

Site no : 2#CE Shield Room Data no. : 16
Env. / Ins. : Temp:25.8°C Humi:65% Press:101.50kPa LINE Phase : NEUTRAL
Limit : EN 55032B QP
Engineer : Dylan Cai
EUT : Digital Mixing Console
Power : DC 18V From Adapter Input AC 230V/50Hz
M/N : DMC24.12
Test Mode : INPUT+RCA IN+Bluetooth+OTG Record+Dante
Sample No : EST-260615023-001

	Freq. (MHz)	LISN Factor (dB)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuV)	Limits (dBuV)	Margin (dB)	Remark
1	0.17	9.92	9.83	31.30	51.05	55.21	4.16	Average
2	0.17	9.92	9.83	37.20	56.95	65.21	8.26	QP
3	0.17	9.86	9.85	25.41	45.12	54.72	9.60	Average
4	0.17	9.86	9.85	33.90	53.61	64.72	11.11	QP
5	0.21	9.86	9.85	25.17	44.88	53.40	8.52	Average
6	0.21	9.86	9.85	34.50	54.21	63.40	9.19	QP
7	0.40	9.82	9.84	18.62	38.28	47.86	9.58	Average
8	0.40	9.82	9.84	21.90	41.56	57.86	16.30	QP
9	0.44	9.84	9.84	16.98	36.66	47.15	10.49	Average
10	0.44	9.84	9.84	21.30	40.98	57.15	16.17	QP
11	0.52	9.86	9.84	10.96	30.66	46.00	15.34	Average
12	0.52	9.86	9.84	16.20	35.90	56.00	20.10	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.

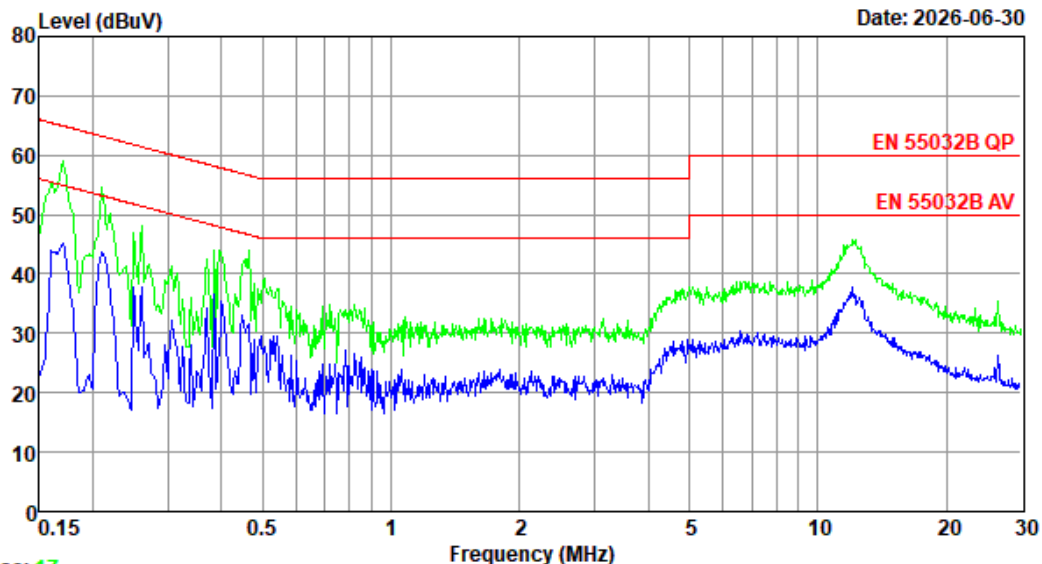
EST Technology

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

Data: 18

File: \\CE-2\Test Data\2026\Report\J\Jing heng-1.EM6 (140)

Date: 2026-06-30



Site no : 2#CE Shield Room Data no. : 18
Env. / Ins. : Temp:25.8°C Humi:65% Press:101.50kPa LINE Phase : NEUTRAL
Limit : EN 55032B QP
Engineer : Dylan Cai
EUT : Digital Mixing Console
Power : DC 18V From Adapter Input AC 230V/50Hz
M/N : DMC24.12
Test Mode : INPUT+RCA IN+Bluetooth+OTG Record
Sample No : EST-260615023-001

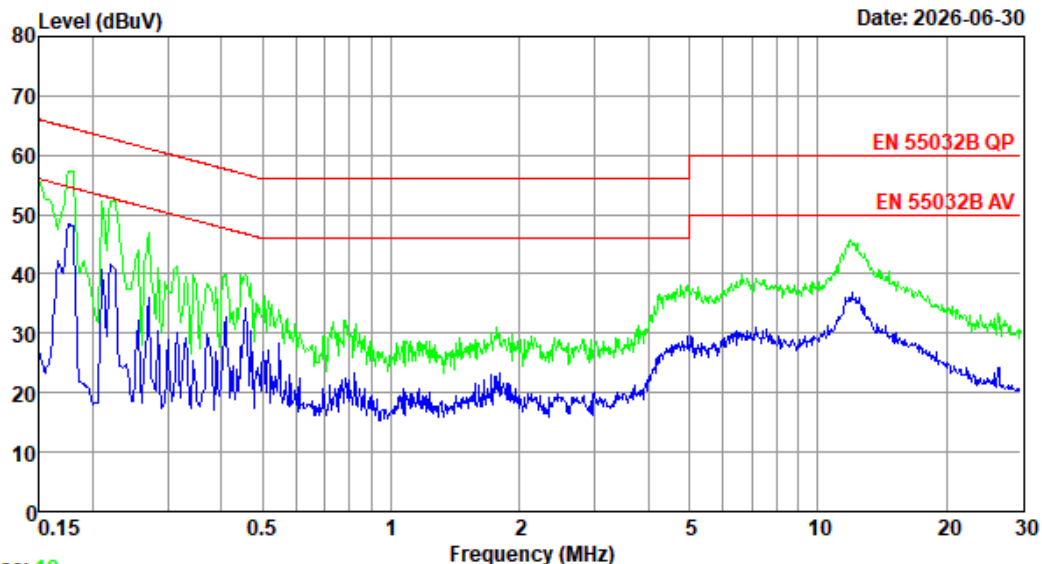
EST Technology

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

Data: 20

File: \\ICE-2\Test Data\2026\Report\J\Jing heng-1.EM6 (140)

Date: 2026-06-30



Site no : 2#CE Shield Room Data no. : 20
Env. / Ins. : Temp:25.8°C Humi:65% Press:101.50kPa LINE Phase : LINE
Limit : EN 55032B QP
Engineer : Dylan Cai
EUT : Digital Mixing Console
Power : DC 18V From Adapter Input AC 230V/50Hz
M/N : DMC24.12
Test Mode : INPUT+RCA IN+Bluetooth+OTG Record
Sample No : EST-260615023-001

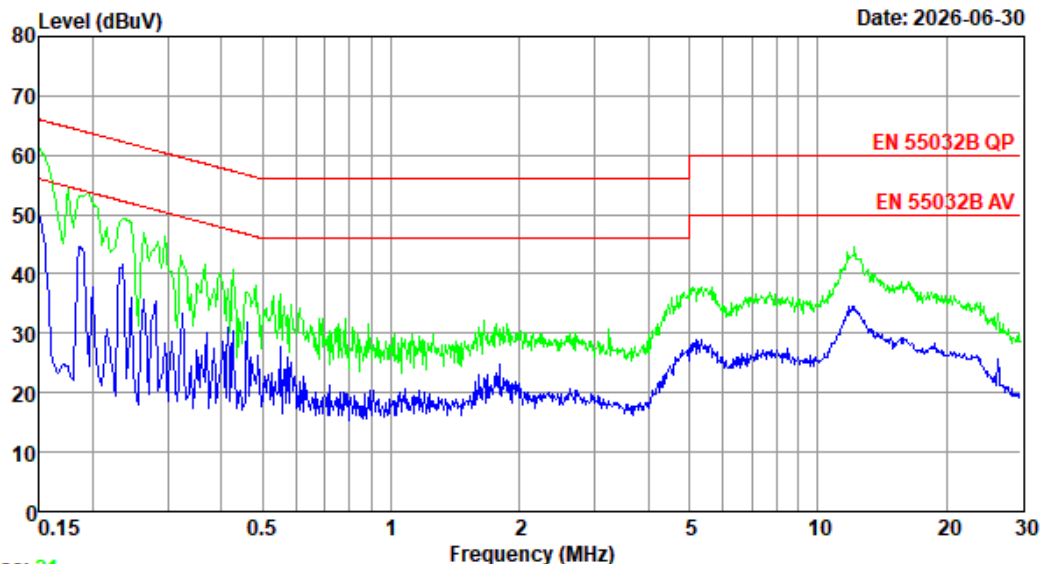
EST Technology

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

Data: 22

File: \\ICE-2\Test Data\2026\Report\J\Jing heng-1.EM6 (140)

Date: 2026-06-30



Site no : 2#CE Shield Room Data no. : 22
Env. / Ins. : Temp:25.8°C Humi:65% Press:101.50kPa LINE Phase : LINE
Limit : EN 55032B QP
Engineer : Dylan Cai
EUT : Digital Mixing Console
Power : DC 18V From Adapter Input AC 110V/60Hz
M/N : DMC24.12
Test Mode : INPUT+RCA IN+Bluetooth+OTG Record
Sample No : EST-260615023-001

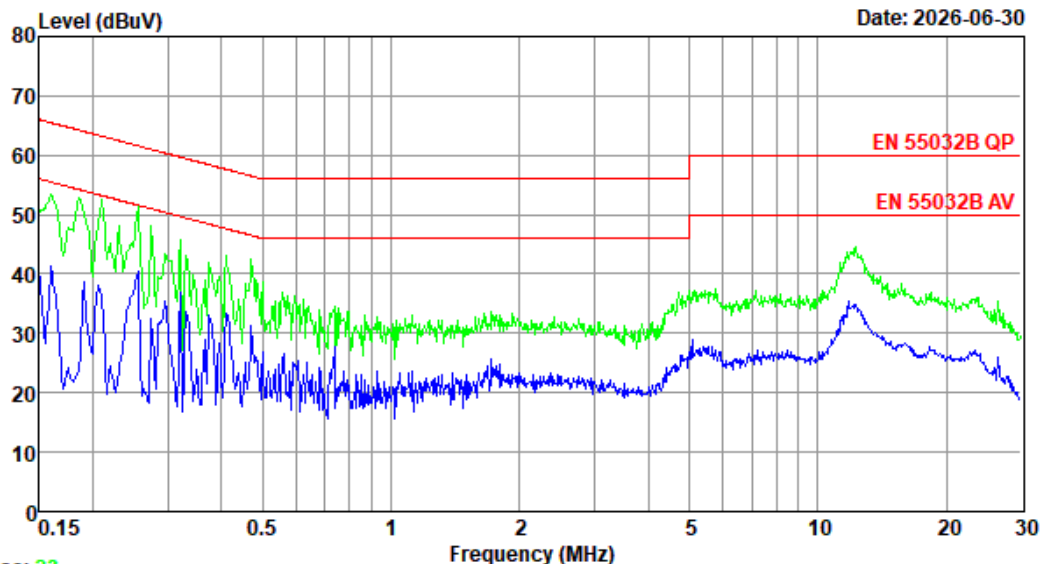
EST Technology

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

Data: 24

File: \\ICE-2\Test Data\2026\Report\J\Jing heng-1.EM6 (140)

Date: 2026-06-30



Trace: 23

Site no : 2#CE Shield Room Data no. : 24
Env. / Ins. : Temp:25.8°C Humi:65% Press:101.50kPa LINE Phase : NEUTRAL
Limit : EN 55032B QP
Engineer : Dylan Cai
EUT : Digital Mixing Console
Power : DC 18V From Adapter Input AC 110V/60Hz
M/N : DMC24.12
Test Mode : INPUT+RCA IN+Bluetooth+OTG Record
Sample No : EST-260615023-001

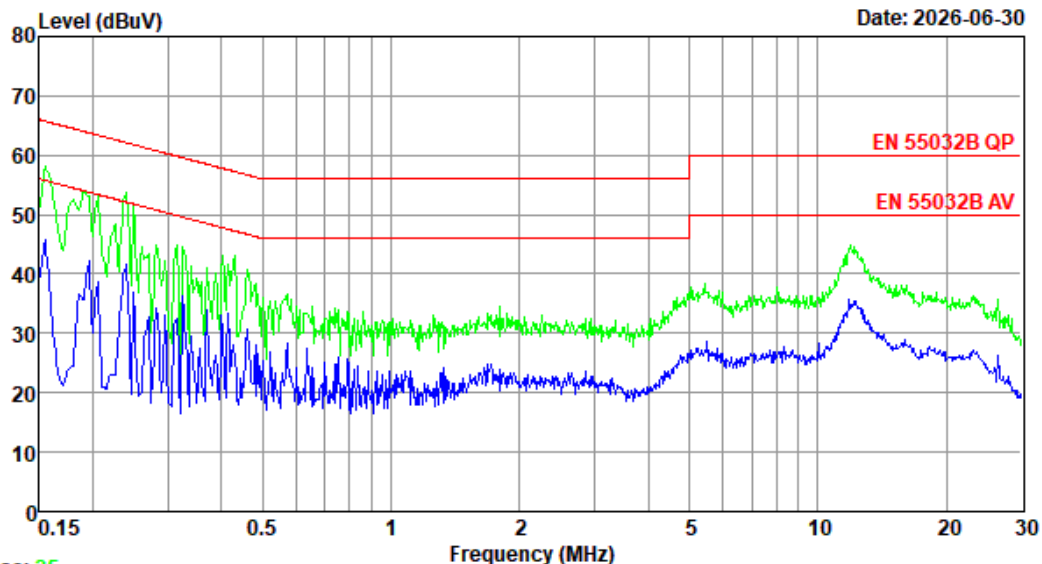
EST Technology

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

Data: 26

File: \\ICE-2\Test Data\2026\Report\J\Jing heng-1.EM6 (140)

Date: 2026-06-30



Site no : 2#CE Shield Room Data no. : 26
Env. / Ins. : Temp:25.8°C Humi:65% Press:101.50kPa LINE Phase : NEUTRAL
Limit : EN 55032B QP
Engineer : Dylan Cai
EUT : Digital Mixing Console
Power : DC 18V From Adapter Input AC 110V/60Hz
M/N : DMC24.12
Test Mode : INPUT+RCA IN+Bluetooth+OTG Play
Sample No : EST-260615023-001

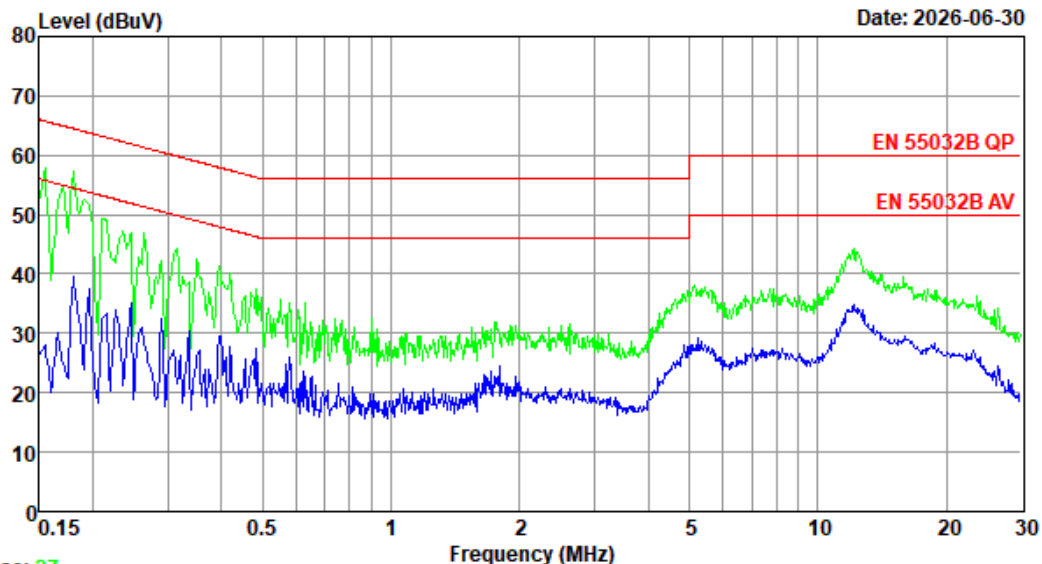
EST Technology

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

Data: 28

File: \\CE-2\Test Data\2026\Report\J\Jing heng-1.EM6 (140)

Date: 2026-06-30



Site no : 2#CE Shield Room Data no. : 28
Env. / Ins. : Temp:25.8°C Humi:65% Press:101.50kPa LINE Phase : LINE
Limit : EN 55032B QP
Engineer : Dylan Cai
EUT : Digital Mixing Console
Power : DC 18V From Adapter Input AC 110V/60Hz
M/N : DMC24.12
Test Mode : INPUT+RCA IN+Bluetooth+OTG Play
Sample No : EST-260615023-001

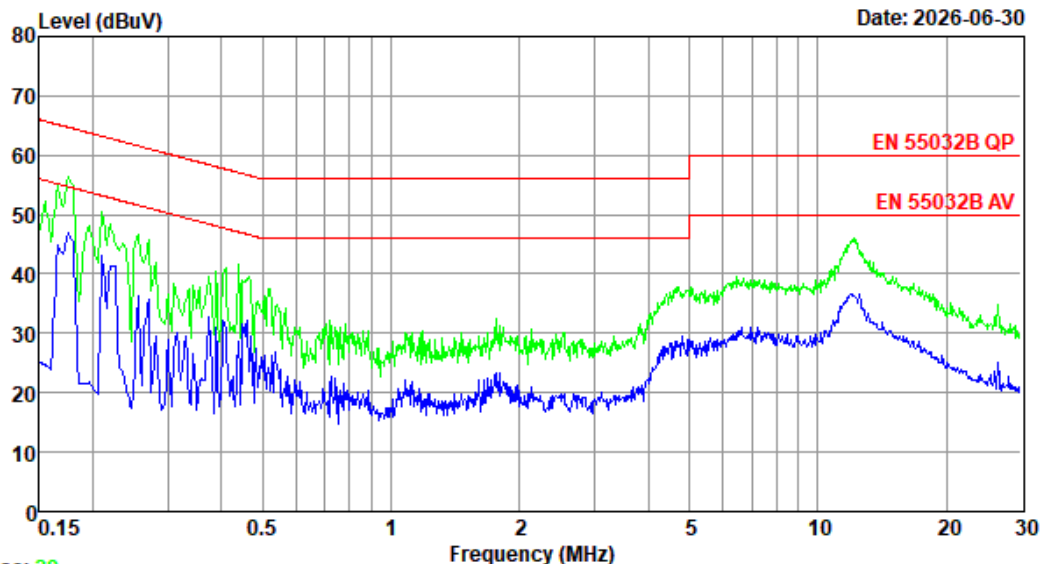
EST Technology

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

Data: 30

File: \\CE-2\Test Data\2026\Report\J\Jing heng-1.EM6 (140)

Date: 2026-06-30



Trace: 29

Site no : 2#CE Shield Room Data no. : 30
Env. / Ins. : Temp:25.8°C Humi:65% Press:101.50kPa LINE Phase : LINE
Limit : EN 55032B QP
Engineer : Dylan Cai
EUT : Digital Mixing Console
Power : DC 18V From Adapter Input AC 230V/50Hz
M/N : DMC24.12
Test Mode : INPUT+RCA IN+Bluetooth+OTG Play
Sample No : EST-260615023-001

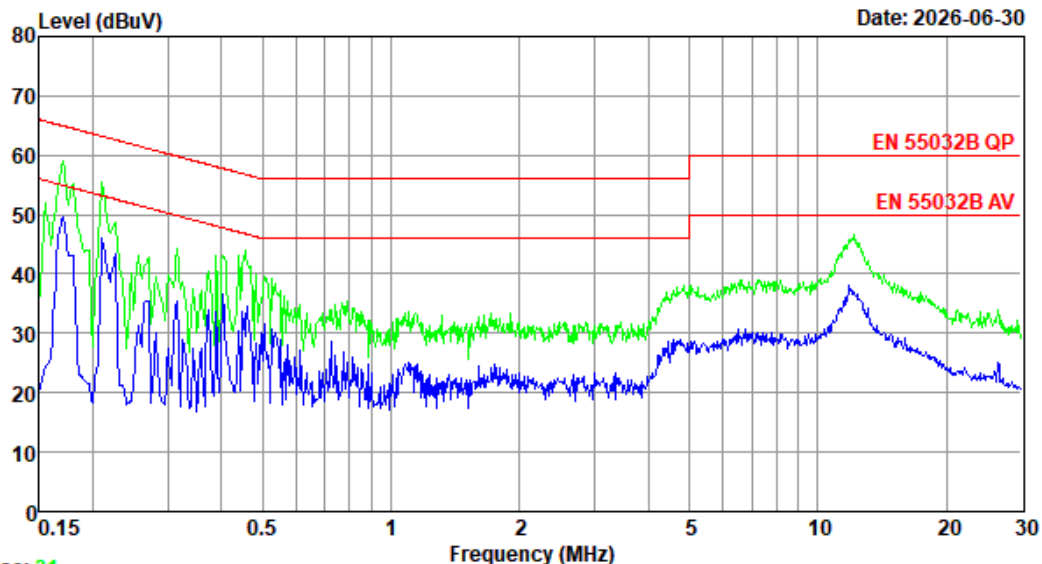
EST Technology

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

Data: 32

File: \\CE-2\Test Data\2026\Report\J\Jing heng-1.EM6 (140)

Date: 2026-06-30



Site no : 2#CE Shield Room Data no. : 32
Env. / Ins. : Temp:25.8°C Humi:65% Press:101.50kPa LINE Phase : NEUTRAL
Limit : EN 55032B QP
Engineer : Dylan Cai
EUT : Digital Mixing Console
Power : DC 18V From Adapter Input AC 230V/50Hz
M/N : DMC24.12
Test Mode : INPUT+RCA IN+Bluetooth+OTG Play
Sample No : EST-260615023-001

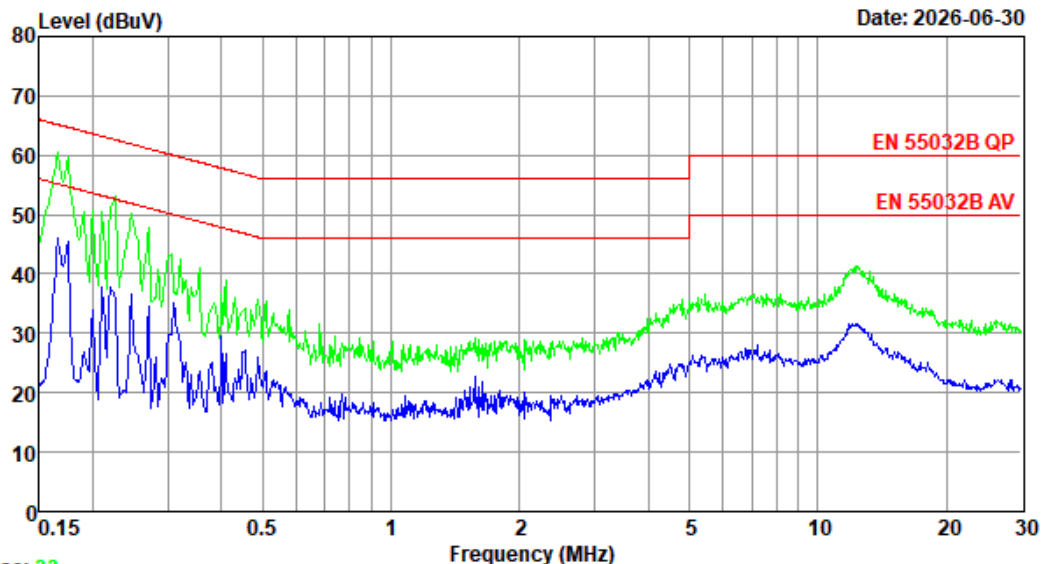
EST Technology

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

Data: 34

File: \\CE-2\Test Data\2026\Report\J\Jing heng-1.EM6 (140)

Date: 2026-06-30



Trace: 33

Site no : 2#CE Shield Room Data no. : 34
Env. / Ins. : Temp:25.8°C Humi:65% Press:101.50kPa LINE Phase : NEUTRAL
Limit : EN 55032B QP
Engineer : Dylan Cai
EUT : Digital Mixing Console
Power : DC 18V From Adapter Input AC 230V/50Hz
M/N : DMC24.12
Test Mode : INPUT+RCA IN+Bluetooth+OTG Play+AES-67
Sample No : EST-260615023-001

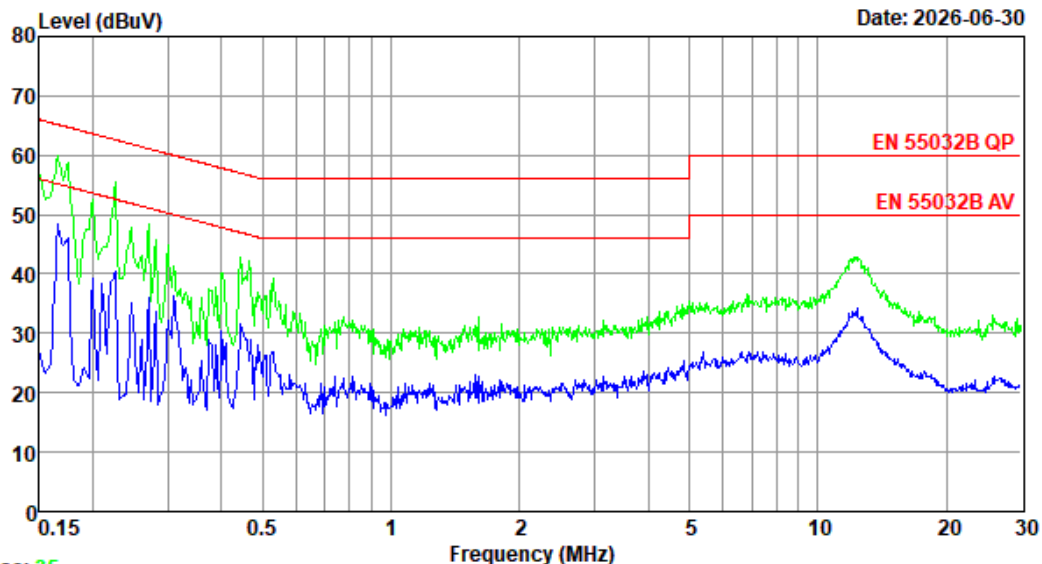
EST Technology

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

Data: 36

File: \\CE-2\Test Data\2026\Report\J\Jing heng-1.EM6 (140)

Date: 2026-06-30



Trace: 35

Site no : 2#CE Shield Room Data no. : 36
Env. / Ins. : Temp:25.8°C Humi:65% Press:101.50kPa LINE Phase : LINE
Limit : EN 55032B QP
Engineer : Dylan Cai
EUT : Digital Mixing Console
Power : DC 18V From Adapter Input AC 230V/50Hz
M/N : DMC24.12
Test Mode : INPUT+RCA IN+Bluetooth+OTG Play+AES-67
Sample No : EST-260615023-001

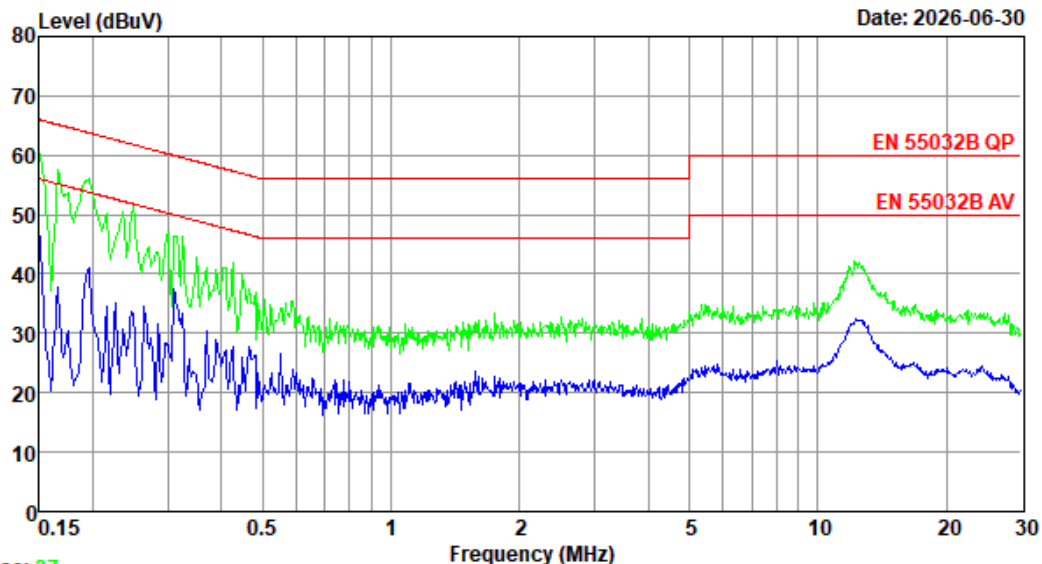
EST Technology

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

Data: 38

File: \\ICE-2\Test Data\2026\Report\J\Jing heng-1.EM6 (140)

Date: 2026-06-30



Trace: 37

Site no : 2#CE Shield Room Data no. : 38
Env. / Ins. : Temp:25.8°C Humi:65% Press:101.50kPa LINE Phase : LINE
Limit : EN 55032B QP
Engineer : Dylan Cai
EUT : Digital Mixing Console
Power : DC 18V From Adapter Input AC 110V/60Hz
M/N : DMC24.12
Test Mode : INPUT+RCA IN+Bluetooth+OTG Play+AES-67
Sample No : EST-260615023-001

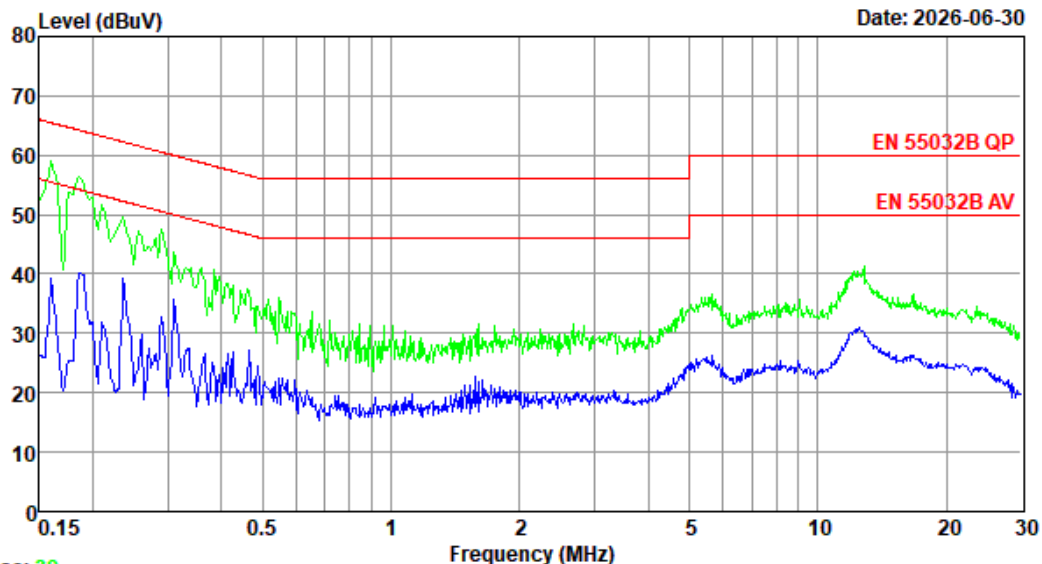
EST Technology

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

Data: 40

File: \\CE-2\Test Data\2026\Report\J\Jing heng-1.EM6 (140)

Date: 2026-06-30



Trace: 39

Site no : 2#CE Shield Room Data no. : 40
Env. / Ins. : Temp:25.8°C Humi:65% Press:101.50kPa LINE Phase : NEUTRAL
Limit : EN 55032B QP
Engineer : Dylan Cai
EUT : Digital Mixing Console
Power : DC 18V From Adapter Input AC 110V/60Hz
M/N : DMC24.12
Test Mode : INPUT+RCA IN+Bluetooth+OTG Play+AES-67
Sample No : EST-260615023-001

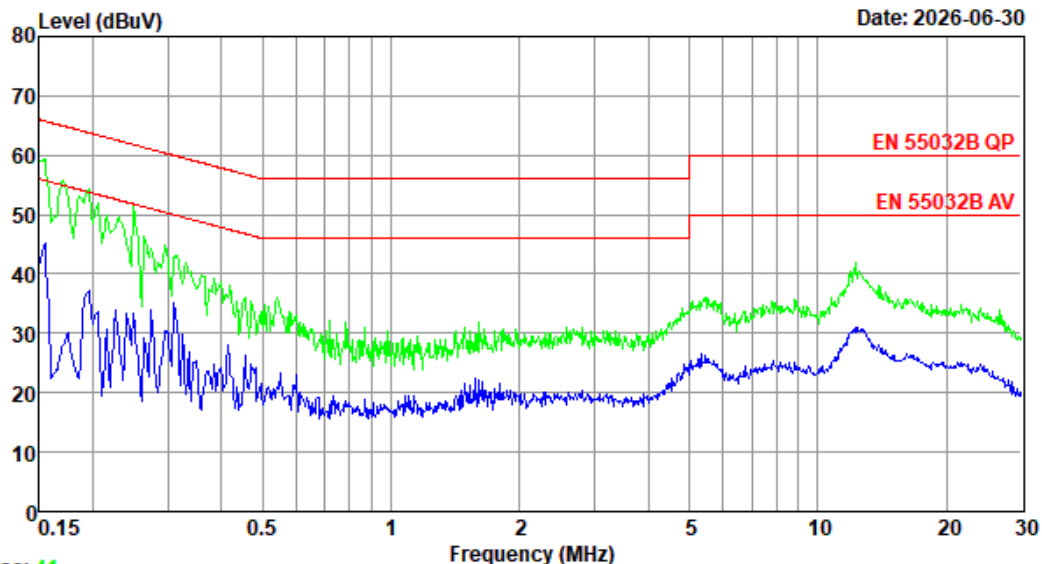
EST Technology

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

Data: 42

File: \\CE-2\Test Data\2026\Report\J\Jing heng-1.EM6 (140)

Date: 2026-06-30



Site no : 2#CE Shield Room Data no. : 42
Env. / Ins. : Temp:25.8°C Humi:65% Press:101.50kPa LINE Phase : NEUTRAL
Limit : EN 55032B QP
Engineer : Dylan Cai
EUT : Digital Mixing Console
Power : DC 18V From Adapter Input AC 110V/60Hz
M/N : DMC24.12
Test Mode : INPUT+RCA IN+Bluetooth+OTG Record+AES-67
Sample No : EST-260615023-001

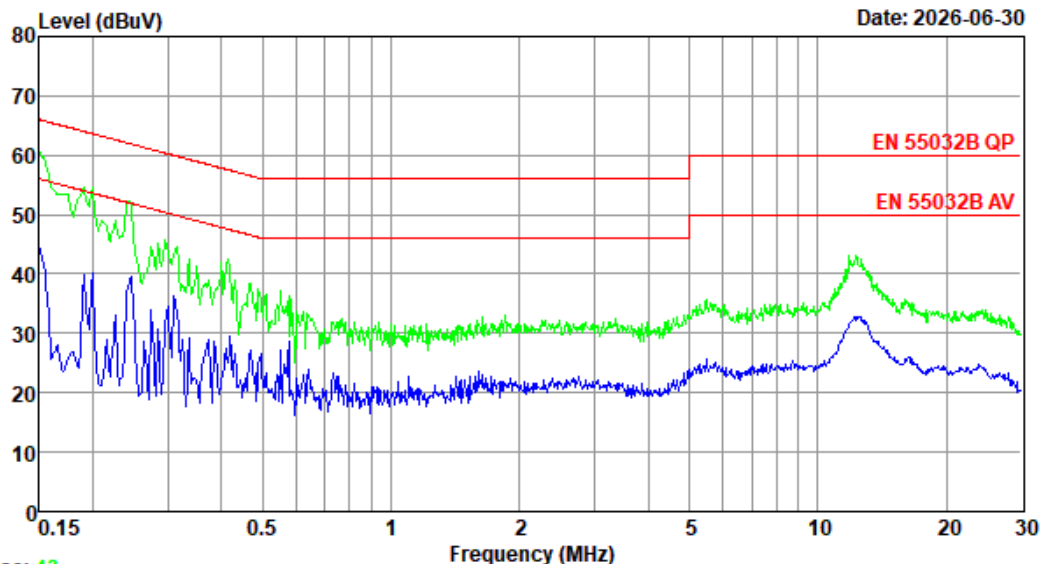
EST Technology

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

Data: 44

File: \\ICE-2\Test Data\2026\Report\J\Jing heng-1.EM6 (140)

Date: 2026-06-30



Trace: 43

Site no : 2#CE Shield Room Data no. : 44
Env. / Ins. : Temp:25.8°C Humi:65% Press:101.50kPa LINE Phase : LINE
Limit : EN 55032B QP
Engineer : Dylan Cai
EUT : Digital Mixing Console
Power : DC 18V From Adapter Input AC 110V/60Hz
M/N : DMC24.12
Test Mode : INPUT+RCA IN+Bluetooth+OTG Record+AES-67
Sample No : EST-260615023-001

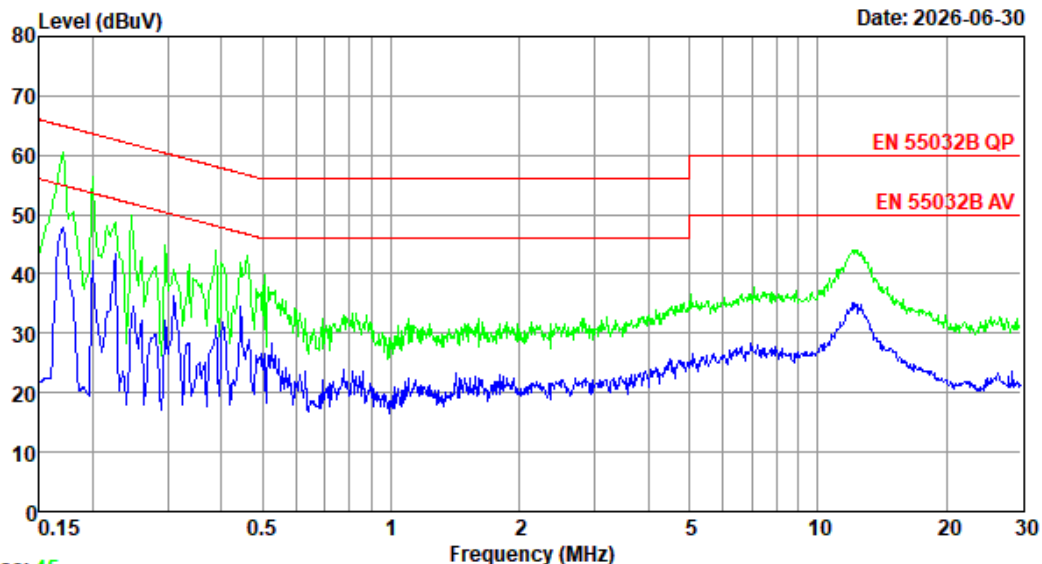
EST Technology

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

Data: 46

File: \\CE-2\Test Data\2026\Report\J\Jing heng-1.EM6 (140)

Date: 2026-06-30



Trace: 45

Site no : 2#CE Shield Room Data no. : 46
Env. / Ins. : Temp:25.8°C Humi:65% Press:101.50kPa LINE Phase : LINE
Limit : EN 55032B QP
Engineer : Dylan Cai
EUT : Digital Mixing Console
Power : DC 18V From Adapter Input AC 230V/50Hz
M/N : DMC24.12
Test Mode : INPUT+RCA IN+Bluetooth+OTG Record+AES-67
Sample No : EST-260615023-001

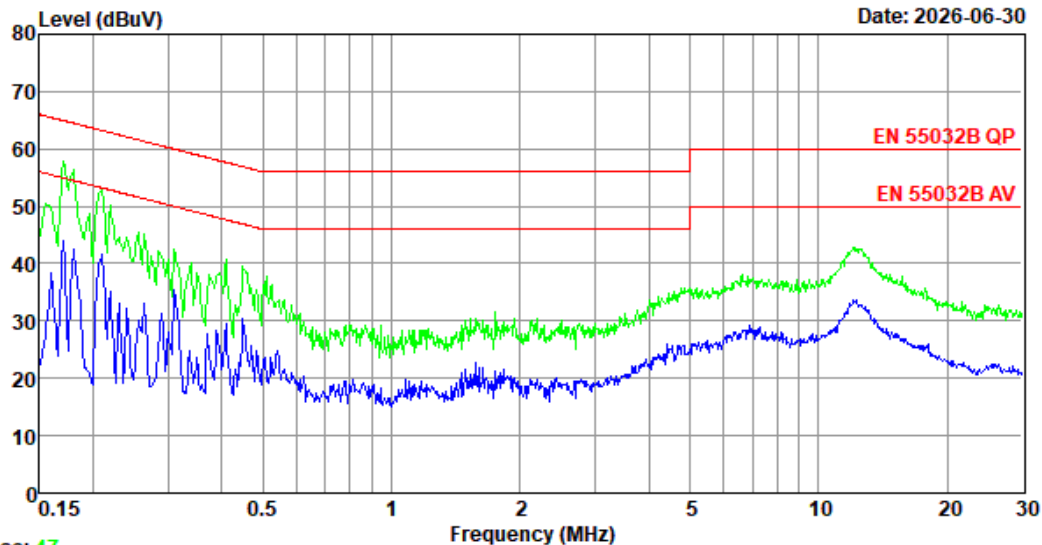
EST Technology

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

Data: 48

File: \\CE-2\Test Data\2026\Report\J\Jing heng-1.EM6 (140)

Date: 2026-06-30



Trace: 47

Site no : 2#CE Shield Room Data no. : 48
Env. / Ins. : Temp:25.8°C Humi:65% Press:101.50kPa LINE Phase : NEUTRAL
Limit : EN 55032B QP
Engineer : Dylan Cai
EUT : Digital Mixing Console
Power : DC 18V From Adapter Input AC 230V/50Hz
M/N : DMC24.12
Test Mode : INPUT+RCA IN+Bluetooth+OTG Record+AES-67
Sample No : EST-260615023-001

4.2. Asymmetric Mode Conducted Emissions Test

RESULT : **Pass**

Test procedure : EN 55032:2015+A1:2020

Frequency range : 150 kHz to 30 MHz

Test Site : Shielded Room

Limits : EN 55032:2015+A1:2020

Test Setup

Date of test : Jun. 30, 2026

Model No. : DMC24.12

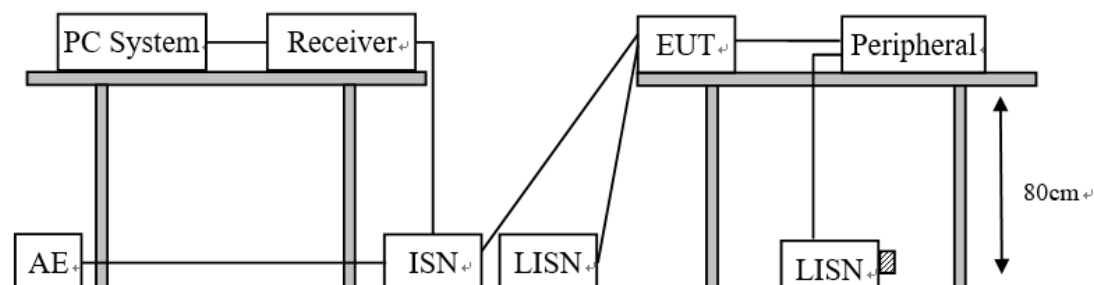
Input Voltage : DC 18V From Adapter Input AC 230V/50Hz
DC 18V From Adapter Input AC 110V/60Hz

Operation Mode : INPUT+RCA IN+Bluetooth+OTG Play,
INPUT+RCA IN+Bluetooth+OTG Play+Dante,
INPUT+RCA IN+Bluetooth+OTG Play+AES-67

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.

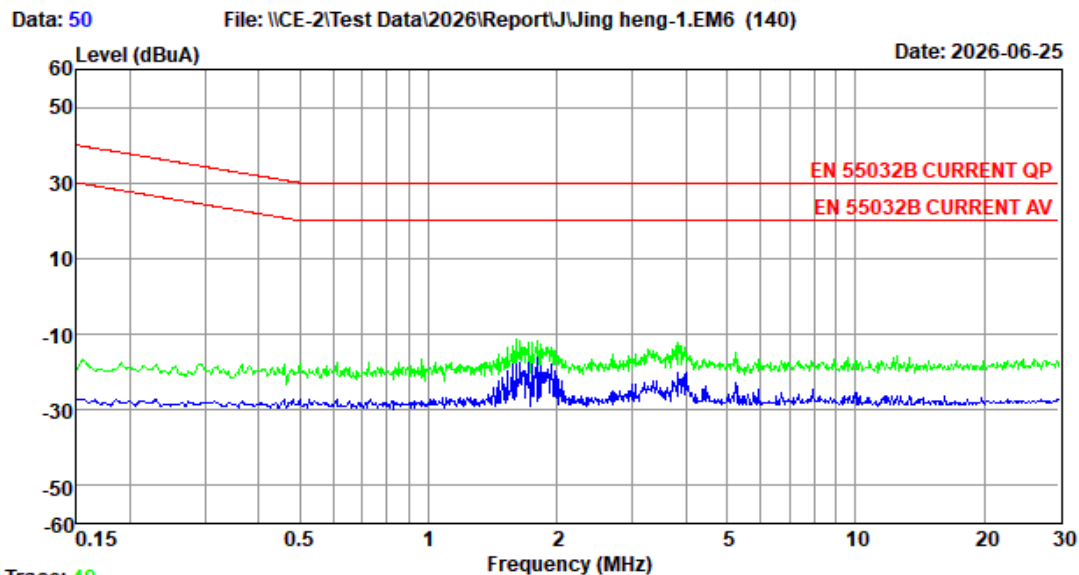


Note: Test uncertainty: $\pm 4.32\text{dB}$ at a level of confidence of 95%.

Test Data

EST Technology

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



Site no : 2#CE Shield Room Data no. : 50
Env. / Ins. : Temp:25.8°C Humi:65% Press:101.50kPa LINE Phase :
Limit : EN 55032B CURRENT QP
Engineer : Dylan Cai
EUT : Digital Mixing Console
Power : DC 18V From Adapter Input AC 230V/50Hz
M/N : DMC24.12
Test Mode : INPUT+RCA IN+Bluetooth+OTG Play
Sample No : EST-260615023-001
Test prot:Ethernet

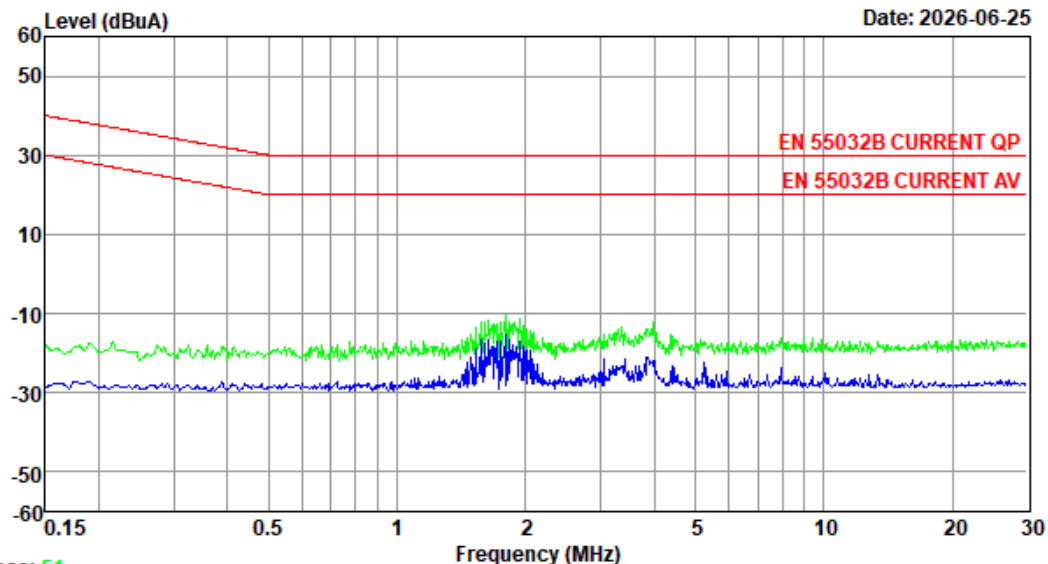
EST Technology

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

Data: 52

File: \\ICE-2\Test Data\2026\Report\J\Jing heng-1.EM6 (140)

Date: 2026-06-25



Site no : 2#CE Shield Room Data no. : 52
Env. / Ins. : Temp:25.8°C Humi:65% Press:101.50kPa LINE Phase :
Limit : EN 55032B CURRENT QP
Engineer : Dylan Cai
EUT : Digital Mixing Console
Power : DC 18V From Adapter Input AC 110V/60Hz
M/N : DMC24.12
Test Mode : INPUT+RCA IN+Bluetooth+OTG Play
Sample No : EST-260615023-001
Test prot:Ethernet

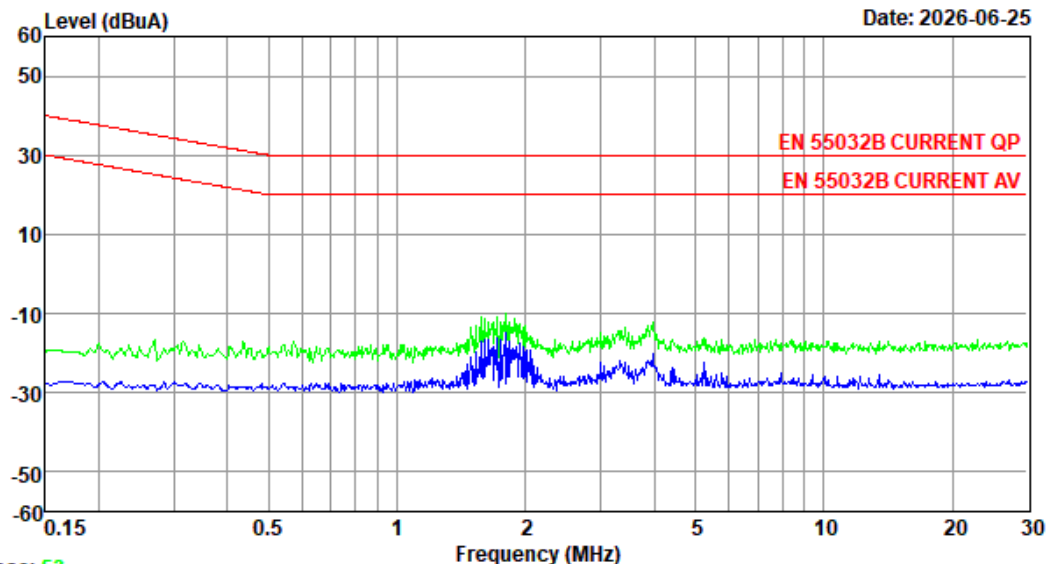
EST Technology

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

Data: 54

File: \\ICE-2\Test Data\2026\Report\J\Jing heng-1.EM6 (140)

Date: 2026-06-25



Site no : 2#CE Shield Room Data no. : 54
 Env. / Ins. : Temp:25.8°C Humi:65% Press:101.50kPa LINE Phase :
 Limit : EN 55032B CURRENT QP
 Engineer : Dylan Cai
 EUT : Digital Mixing Console
 Power : DC 18V From Adapter Input AC 110V/60Hz
 M/N : DMC24.12
 Test Mode : INPUT+RCA IN+Bluetooth+OTG Play+Dante
 Sample No : EST-260615023-001
 Test prot:PORT A

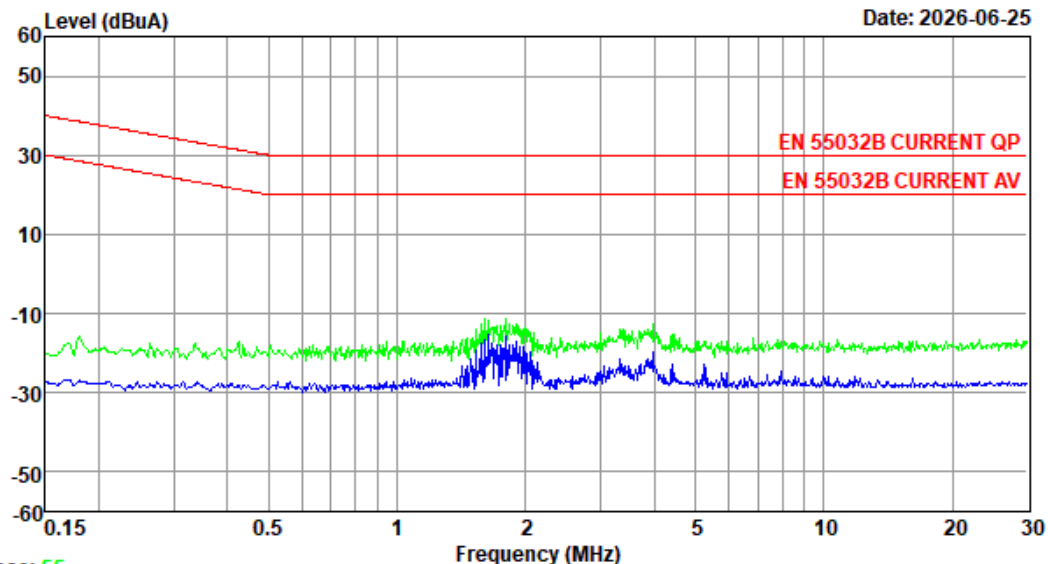
EST Technology

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

Data: 56

File: \\ICE-2\Test Data\2026\Report\J\Jing heng-1.EM6 (140)

Date: 2026-06-25



Trace: 55

Site no : 2#CE Shield Room Data no. : 56
Env. / Ins. : Temp:25.8°C Humi:65% Press:101.50kPa LINE Phase :
Limit : EN 55032B CURRENT QP
Engineer : Dylan Cai
EUT : Digital Mixing Console
Power : DC 18V From Adapter Input AC 230V/50Hz
M/N : DMC24.12
Test Mode : INPUT+RCA IN+Bluetooth+OTG Play+Dante
Sample No : EST-260615023-001
Test prot:PORT A

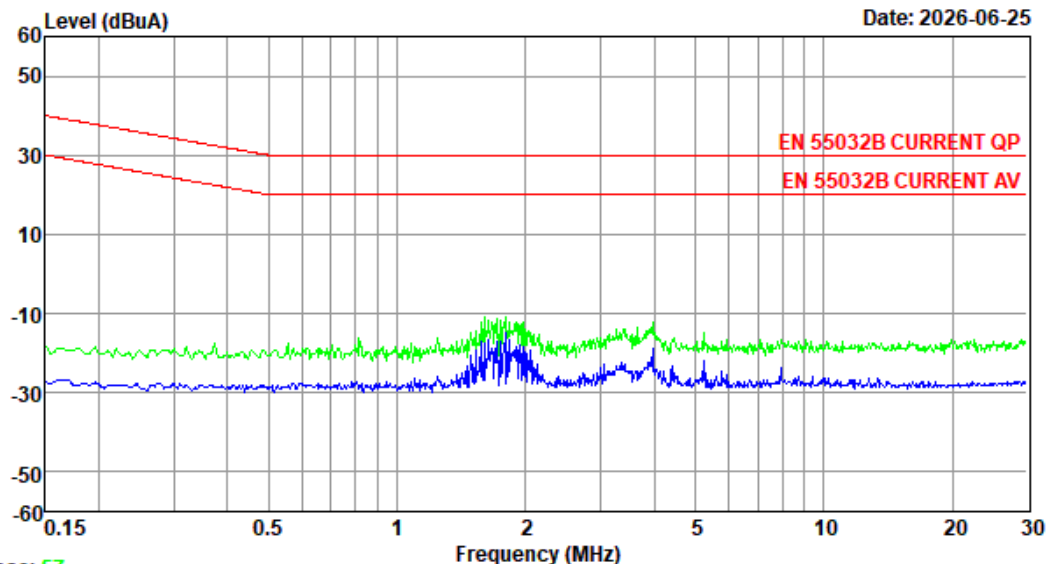
EST Technology

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

Data: 58

File: \\ICE-2\Test Data\2026\Report\J\Jing heng-1.EM6 (140)

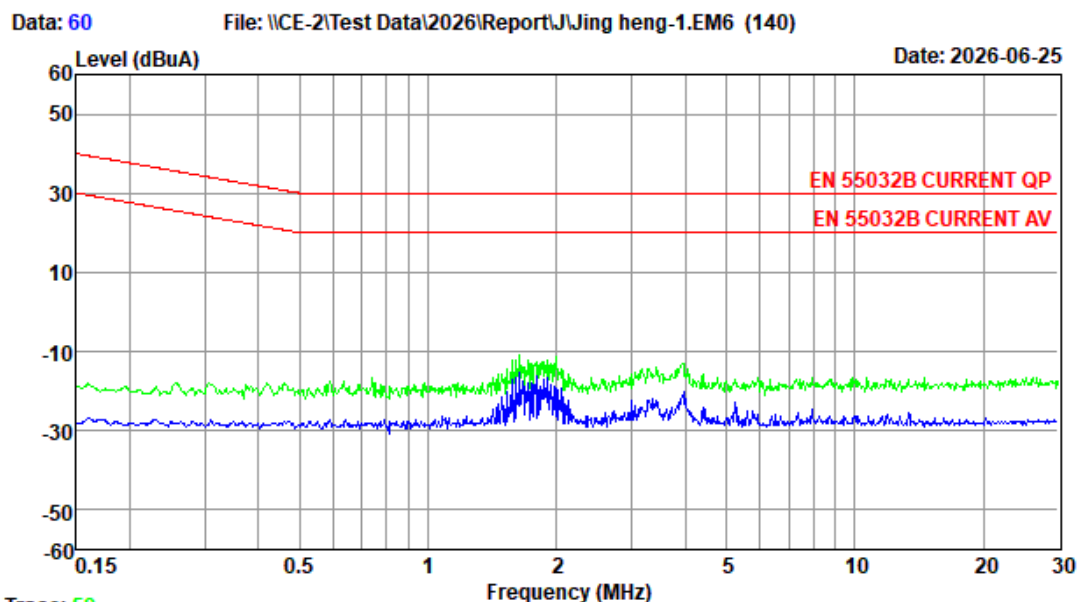
Date: 2026-06-25



Site no : 2#CE Shield Room Data no. : 58
 Env. / Ins. : Temp:25.8°C Humi:65% Press:101.50kPa LINE Phase :
 Limit : EN 55032B CURRENT QP
 Engineer : Dylan Cai
 EUT : Digital Mixing Console
 Power : DC 18V From Adapter Input AC 230V/50Hz
 M/N : DMC24.12
 Test Mode : INPUT+RCA IN+Bluetooth+OTG Play+Dante
 Sample No : EST-260615023-001
 Test prot:PORT B

EST Technology

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



Site no : 2#CE Shield Room Data no. : 60
Env. / Ins. : Temp:25.8°C Humi:65% Press:101.50kPa LINE Phase :
Limit : EN 55032B CURRENT QP
Engineer : Dylan Cai
EUT : Digital Mixing Console
Power : DC 18V From Adapter Input AC 110V/60Hz
M/N : DMC24.12
Test Mode : INPUT+RCA IN+Bluetooth+OTG Play+Dante
Sample No : EST-260615023-001
Test prot:PORT B

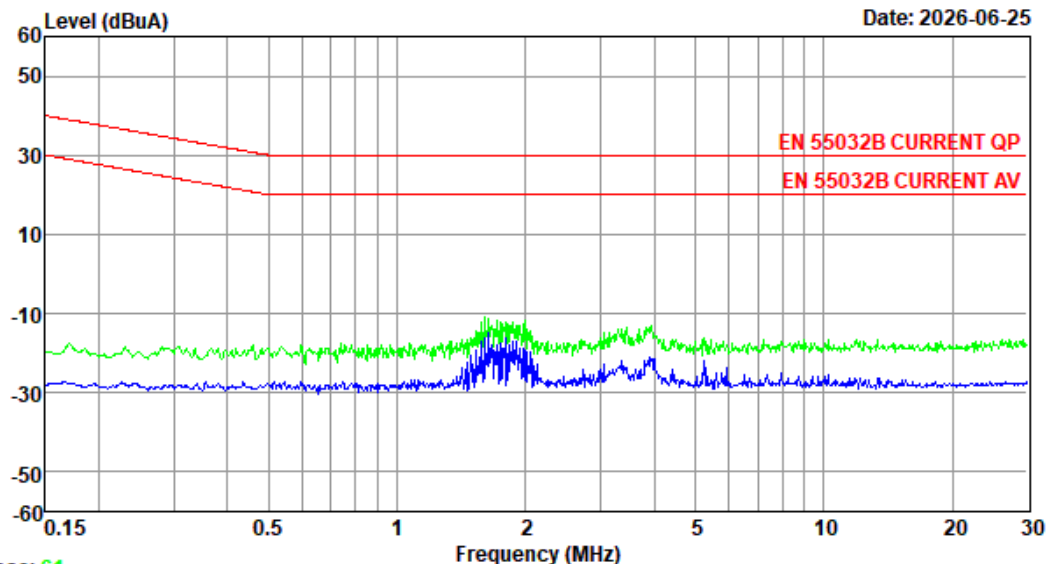
EST Technology

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

Data: 62

File: \\ICE-2\Test Data\2026\Report\J\Jing heng-1.EM6 (140)

Date: 2026-06-25



Site no : 2#CE Shield Room Data no. : 62
Env. / Ins. : Temp:25.8°C Humi:65% Press:101.50kPa LINE Phase :
Limit : EN 55032B CURRENT QP
Engineer : Dylan Cai
EUT : Digital Mixing Console
Power : DC 18V From Adapter Input AC 110V/60Hz
M/N : DMC24.12
Test Mode : INPUT+RCA IN+Bluetooth+OTG Play+AES-67
Sample No : EST-260615023-001
Test prot:PRIMARY

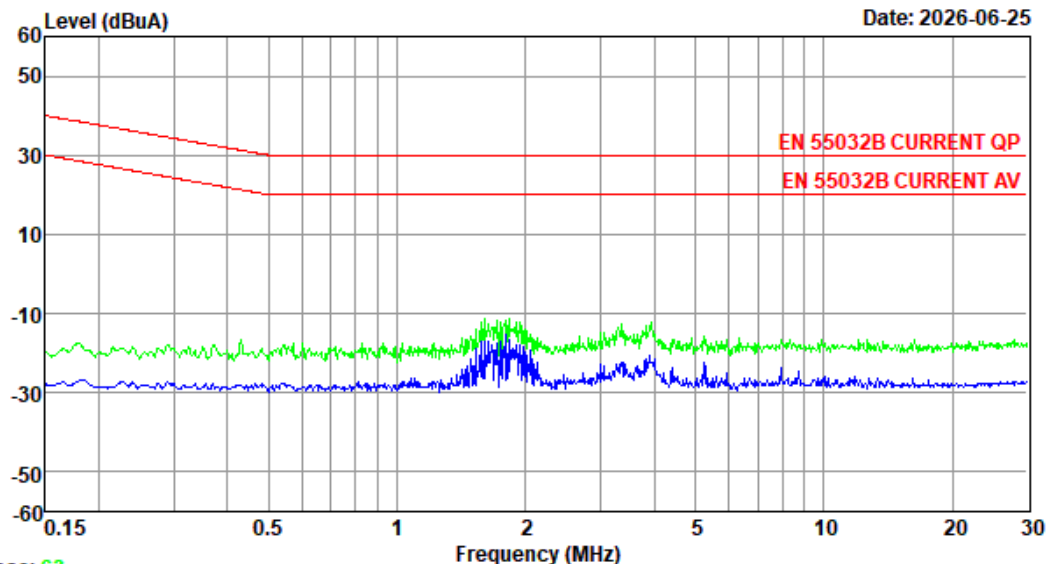
EST Technology

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

Data: 64

File: \\ICE-2\Test Data\2026\Report\J\Jing heng-1.EM6 (140)

Date: 2026-06-25



Trace: 63

Site no : 2#CE Shield Room Data no. : 64
 Env. / Ins. : Temp:25.8°C Humi:65% Press:101.50kPa LINE Phase :
 Limit : EN 55032B CURRENT QP
 Engineer : Dylan Cai
 EUT : Digital Mixing Console
 Power : DC 18V From Adapter Input AC 230V/50Hz
 M/N : DMC24.12
 Test Mode : INPUT+RCA IN+Bluetooth+OTG Play+AES-67
 Sample No : EST-260615023-001
 Test prot:PRIMARY

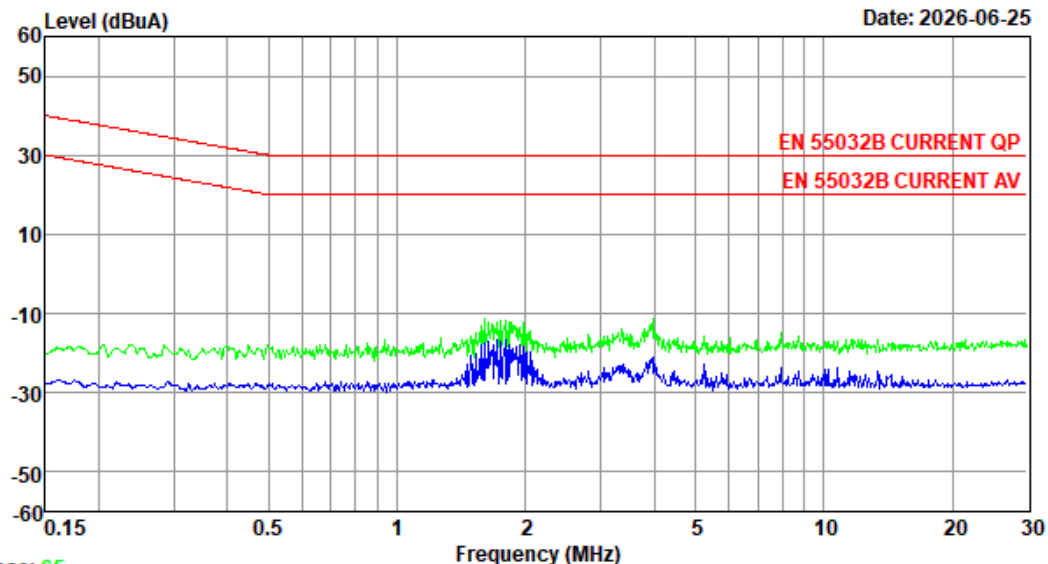
EST Technology

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

Data: 66

File: \\ICE-2\Test Data\2026\Report\J\Jing heng-1.EM6 (140)

Date: 2026-06-25



Trace: 65

Site no : 2#CE Shield Room Data no. : 66
Env. / Ins. : Temp:25.8°C Humi:65% Press:101.50kPa LINE Phase :
Limit : EN 55032B CURRENT QP
Engineer : Dylan Cai
EUT : Digital Mixing Console
Power : DC 18V From Adapter Input AC 230V/50Hz
M/N : DMC24.12
Test Mode : INPUT+RCA IN+Bluetooth+OTG Play+AES-67
Sample No : EST-260615023-001
Test prot:SECONDARY

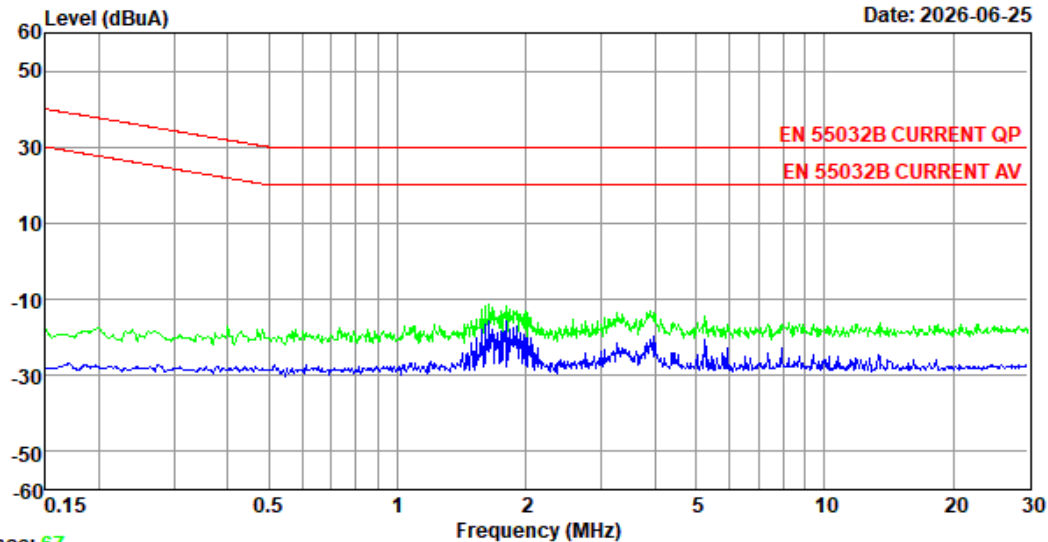
EST Technology

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

Data: 68

File: \\CE-2\Test Data\2026\Report\JJing heng-1.EM6 (140)

Date: 2026-06-25



Trace: 67

Site no : 2#CE Shield Room Data no. : 68
Env. / Ins. : Temp:25.8°C Humi:65% Press:101.50kPa LINE Phase :
Limit : EN 55032B CURRENT QP
Engineer : Dylan Cai
EUT : Digital Mixing Console
Power : DC 18V From Adapter Input AC 110V/60Hz
M/N : DMC24.12
Test Mode : INPUT+RCA IN+Bluetooth+OTG Play+AES-67
Sample No : EST-260615023-001
Test prot:SECONDARY

4.3. Radiated Emission Test

RESULT : Pass

Test procedure : EN 55032:2015+A1:2020

Frequency range : 30 MHz to 1000 MHz

Test Site : 3#966 Chamber

Limits : EN 55032:2015+A1:2020 Class B

Test Setup

Date of test : Jun. 30, 2026

Model No. : DMC24.12

Input Voltage : DC 18V From Adapter Input AC 230V/50Hz

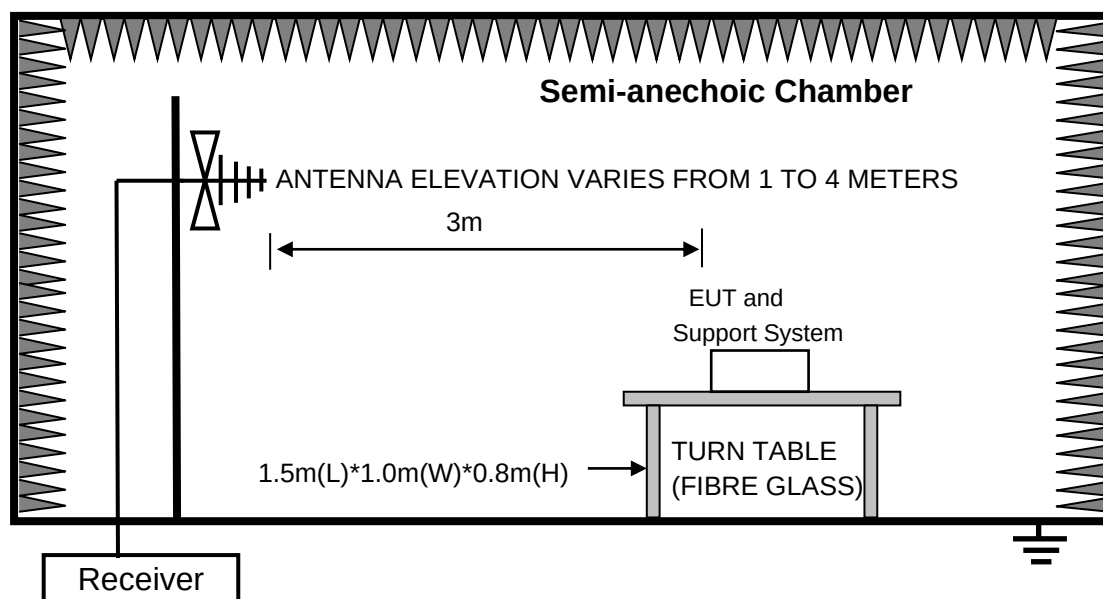
DC 18V From Adapter Input AC 110V/60Hz

Operation Mode : INPUT+RCA IN+Bluetooth+OTG Play,
INPUT+RCA IN+Bluetooth+OTG Record,
INPUT+RCA IN+Bluetooth+OTG Play+Dante,
INPUT+RCA IN+Bluetooth+OTG Record+Dante,
INPUT+RCA IN+Bluetooth+OTG Play+AES-67,
INPUT+RCA IN+Bluetooth+OTG Record+AES-67

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 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.

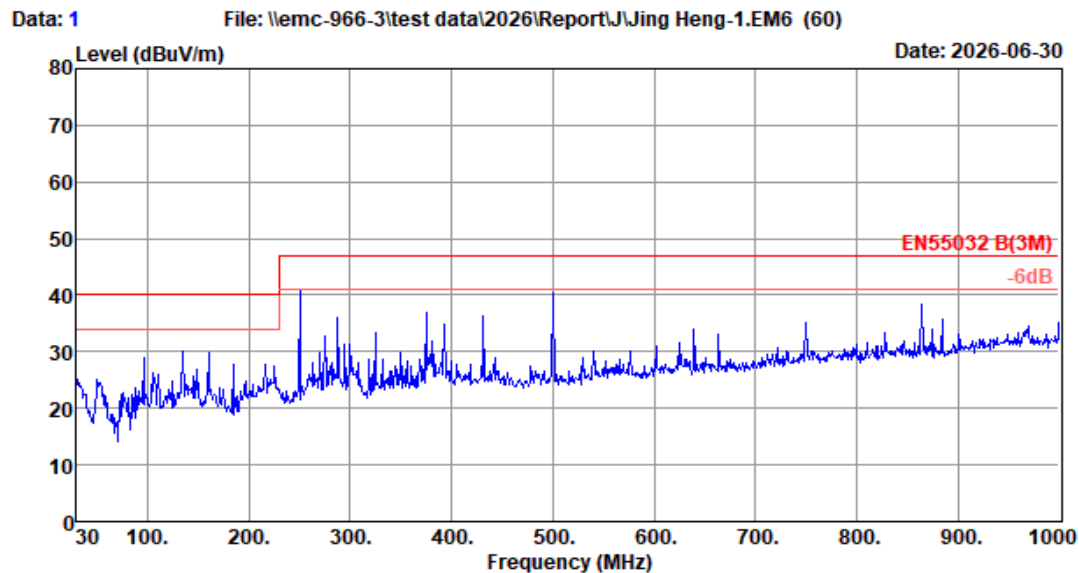


Note: Test uncertainty: ± 4.10 dB (H); ± 4.34 dB (V) at a level of confidence of 95%. (3#966)

Test Data

EST Technology

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



Site no.	: 3# 966 Chamber	Data no.	: 1
Dis. / Ant.	: 3m 31218	Ant. pol.	: HORIZONTAL
Limit	: EN55032 B(3M)		
Env. / Ins.	: Temp:24.2°C;Humi:58%;Press:101.52kPa		
Engineer	: Turbo Pan		
EUT	: Digital Mixing Console		
Power	: DC 18V From Adapter Input AC 110V/60Hz		
M/N	: DMC24.12		
Test Mode	: INPUT+RCA IN+Bluetooth+OTG Record		
Sample No	: EST-260615023-001		

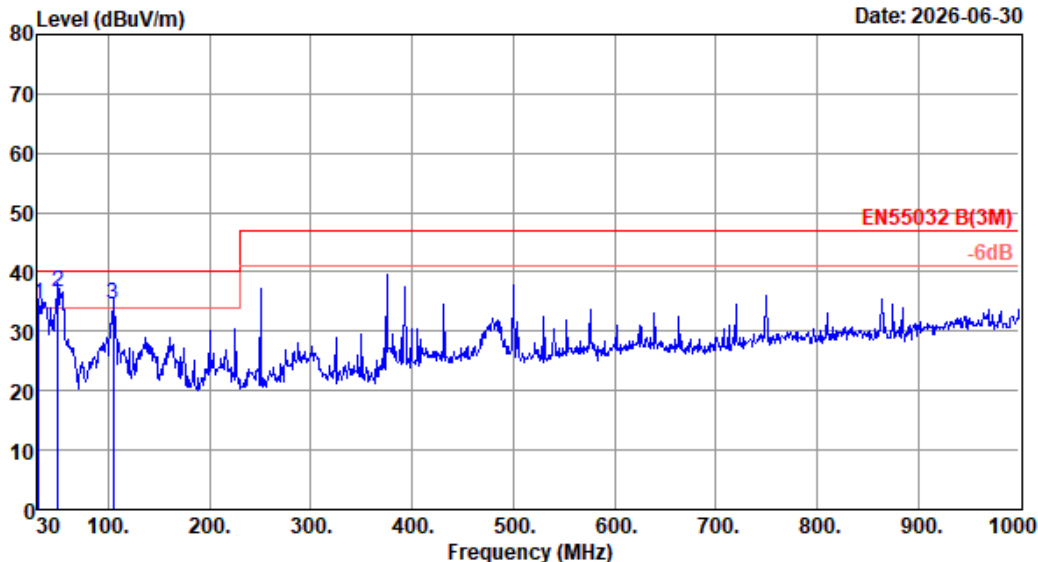
EST Technology

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

Data: 2

File: \\emc-966-3\test data\2026\Report\JJing Heng-1.EM6 (60)

Date: 2026-06-30



Site no. : 3# 966 Chamber Data no. : 2
Dis. / Ant. : 3m 31218 Ant. pol. : VERTICAL
Limit : EN55032 B(3M)
Env. / Ins. : Temp:24.2°C;Humi:58%;Press:101.52kPa
Engineer : Turbo Pan
EUT : Digital Mixing Console
Power : DC 18V From Adapter Input AC 110V/60Hz
M/N : DMC24.12
Test Mode : INPUT+RCA IN+Bluetooth+OTG Record
Sample No : EST-260615023-001

	Freq. (MHz)	ANT Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	30.97	18.70	0.51	15.40	34.61	40.00	5.39	QP
2	50.37	9.30	0.67	26.60	36.57	40.00	3.43	QP
3	104.69	11.60	0.99	21.90	34.49	40.00	5.51	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.

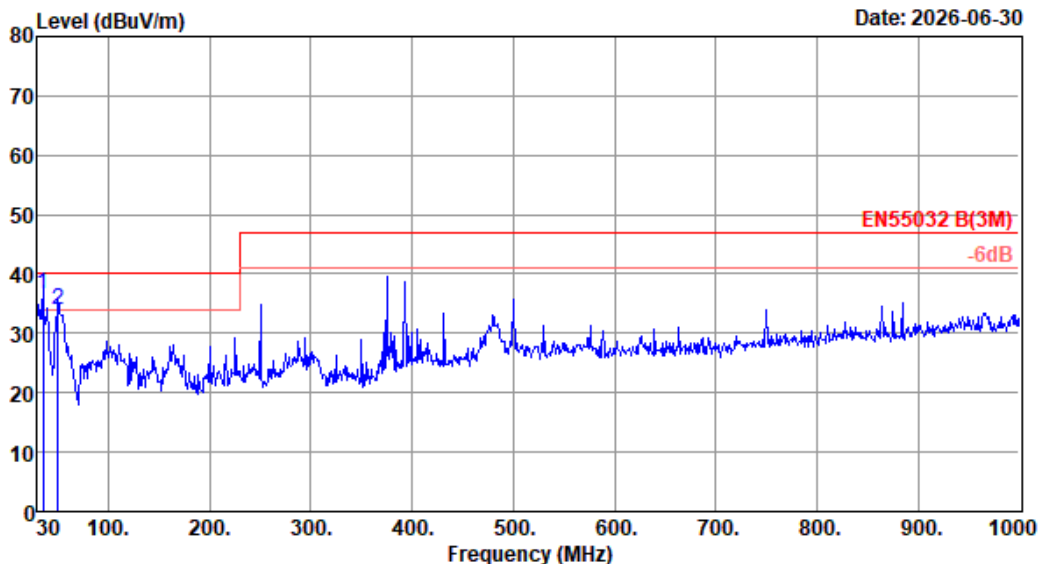
EST Technology

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

Data: 3

File: \\emc-966-3\test data\2026\Report\JJing Heng-1.EM6 (60)

Date: 2026-06-30



Site no. : 3# 966 Chamber Data no. : 3
Dis. / Ant. : 3m 31218 Ant. pol. : VERTICAL
Limit : EN55032 B(3M)
Env. / Ins. : Temp:24.2°C;Humi:58%;Press:101.52kPa
Engineer : Turbo Pan
EUT : Digital Mixing Console
Power : DC 18V From Adapter Input AC 110V/60Hz
M/N : DMC24.12
Test Mode : INPUT+RCA IN+Bluetooth+OTG Play
Sample No : EST-260615023-001

	Freq. (MHz)	ANT Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	35.82	17.00	0.55	19.10	36.65	40.00	3.35	QP
2	50.37	9.30	0.67	24.10	34.07	40.00	5.93	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.

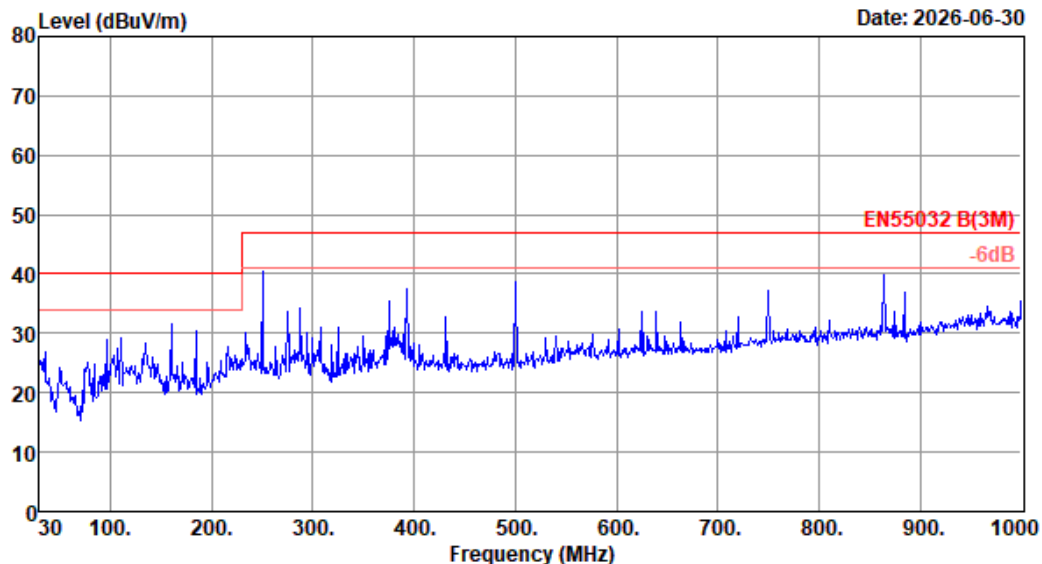
EST Technology

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

Data: 4

File: \\emc-966-3\test data\2026\Report\JJing Heng-1.EM6 (60)

Date: 2026-06-30



Site no. : 3# 966 Chamber Data no. : 4
Dis. / Ant. : 3m 31218 Ant. pol. : HORIZONTAL
Limit : EN55032 B(3M)
Env. / Ins. : Temp:24.2°C;Humi:58%;Press:101.52kPa
Engineer : Turbo Pan
EUT : Digital Mixing Console
Power : DC 18V From Adapter Input AC 110V/60Hz
M/N : DMC24.12
Test Mode : INPUT+RCA IN+Bluetooth+OTG Play
Sample No : EST-260615023-001

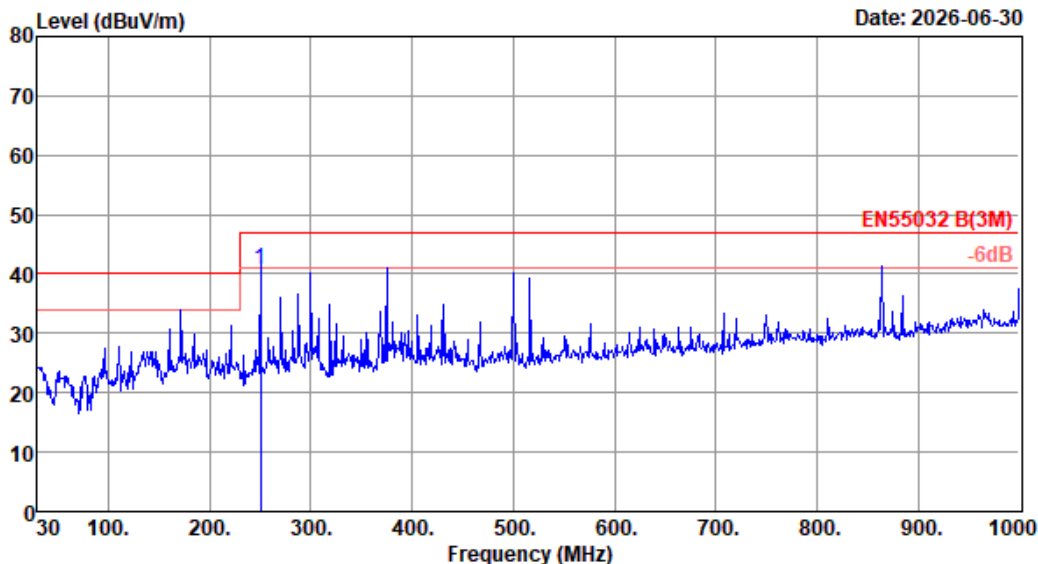
EST Technology

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

Data: 5

File: \\emc-966-3\test data\2026\Report\JJing Heng-1.EM6 (60)

Date: 2026-06-30



Site no. : 3# 966 Chamber Data no. : 5
Dis. / Ant. : 3m 31218 Ant. pol. : HORIZONTAL
Limit : EN55032 B(3M)
Env. / Ins. : Temp:24.2°C;Humi:58%;Press:101.52kPa
Engineer : Turbo Pan
EUT : Digital Mixing Console
Power : DC 18V From Adapter Input AC 110V/60Hz
M/N : DMC24.12
Test Mode : INPUT+RCA IN+Bluetooth+OTG Record+AES-67
Sample No : EST-260615023-001

	Freq. (MHz)	ANT Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	250.19	12.80	1.63	26.40	40.83	47.00	6.17	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.

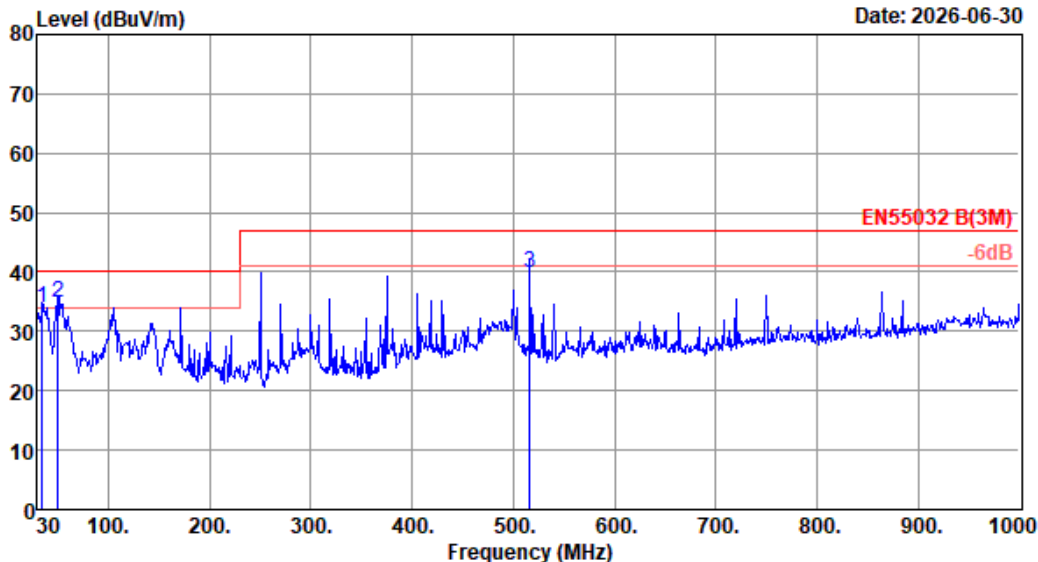
EST Technology

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

Data: 6

File: \\emc-966-3\test data\2026\Report\JJing Heng-1.EM6 (60)

Date: 2026-06-30



Site no. : 3# 966 Chamber Data no. : 6
Dis. / Ant. : 3m 31218 Ant. pol. : VERTICAL
Limit : EN55032 B(3M)
Env. / Ins. : Temp:24.2°C;Humi:58%;Press:101.52kPa
Engineer : Turbo Pan
EUT : Digital Mixing Console
Power : DC 18V From Adapter Input AC 110V/60Hz
M/N : DMC24.12
Test Mode : INPUT+RCA IN+Bluetooth+OTG Record+AES-67
Sample No : EST-260615023-001

	Freq. (MHz)	ANT Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	34.85	17.90	0.54	15.41	33.85	40.00	6.15	QP
2	50.37	9.30	0.67	24.80	34.77	40.00	5.23	QP
3	515.97	17.76	2.47	19.51	39.74	47.00	7.26	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.

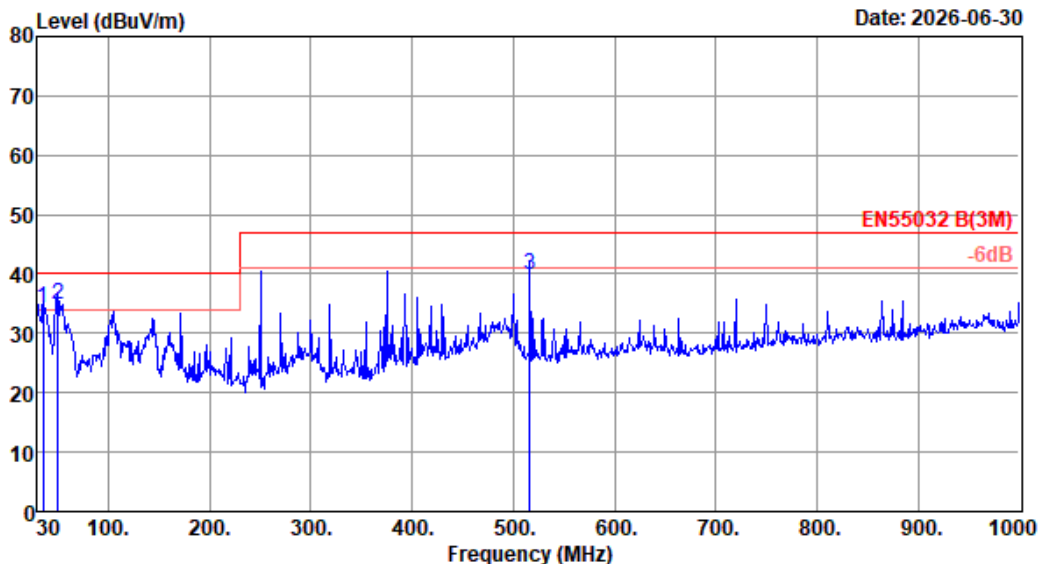
EST Technology

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

Data: 7

File: \\emc-966-3\\test data\\2026\\Report\\JJing Heng-1.EM6 (60)

Date: 2026-06-30



Site no. : 3# 966 Chamber Data no. : 7
Dis. / Ant. : 3m 31218 Ant. pol. : VERTICAL
Limit : EN55032 B(3M)
Env. / Ins. : Temp:24.2°C;Humi:58%;Press:101.52kPa
Engineer : Turbo Pan
EUT : Digital Mixing Console
Power : DC 18V From Adapter Input AC 110V/60Hz
M/N : DMC24.12
Test Mode : INPUT+RCA IN+Bluetooth+OTG Play+AES-67
Sample No : EST-260615023-001

	Freq. (MHz)	ANT Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	35.82	17.00	0.55	16.70	34.25	40.00	5.75	QP
2	50.37	9.30	0.67	24.90	34.87	40.00	5.13	QP
3	515.97	17.76	2.47	19.61	39.84	47.00	7.16	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.

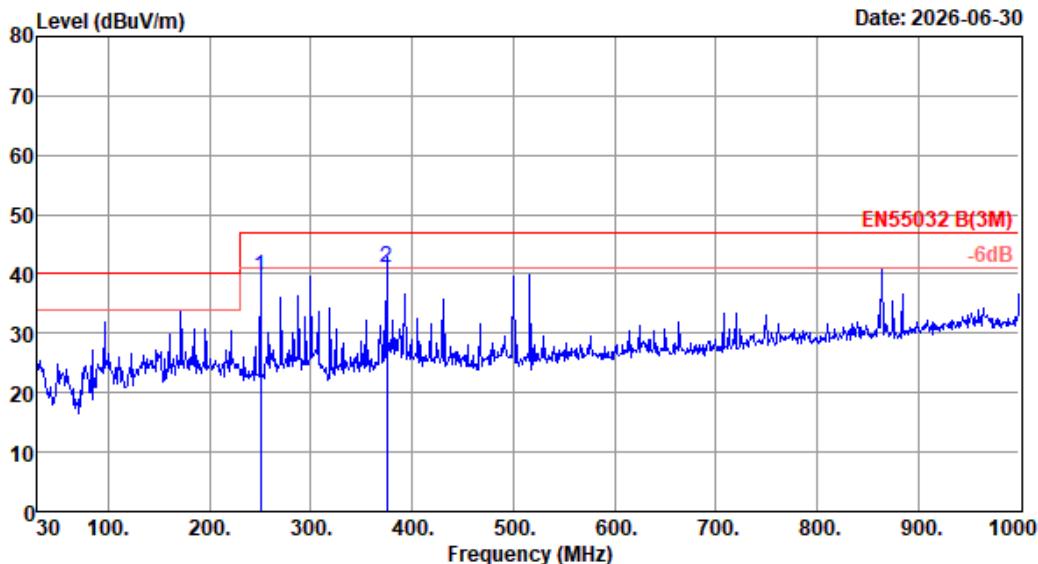
EST Technology

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

Data: 8

File: \\emc-966-3\test data\2026\Report\JJing Heng-1.EM6 (60)

Date: 2026-06-30



Site no. : 3# 966 Chamber Data no. : 8
Dis. / Ant. : 3m 31218 Ant. pol. : HORIZONTAL
Limit : EN55032 B(3M)
Env. / Ins. : Temp:24.2°C;Humi:58%;Press:101.52kPa
Engineer : Turbo Pan
EUT : Digital Mixing Console
Power : DC 18V From Adapter Input AC 110V/60Hz
M/N : DMC24.12
Test Mode : INPUT+RCA IN+Bluetooth+OTG Play+AES-67
Sample No : EST-260615023-001

	Freq. (MHz)	ANT Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	250.19	12.80	1.63	25.20	39.63	47.00	7.37	QP
2	375.32	14.95	2.06	24.09	41.10	47.00	5.90	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.

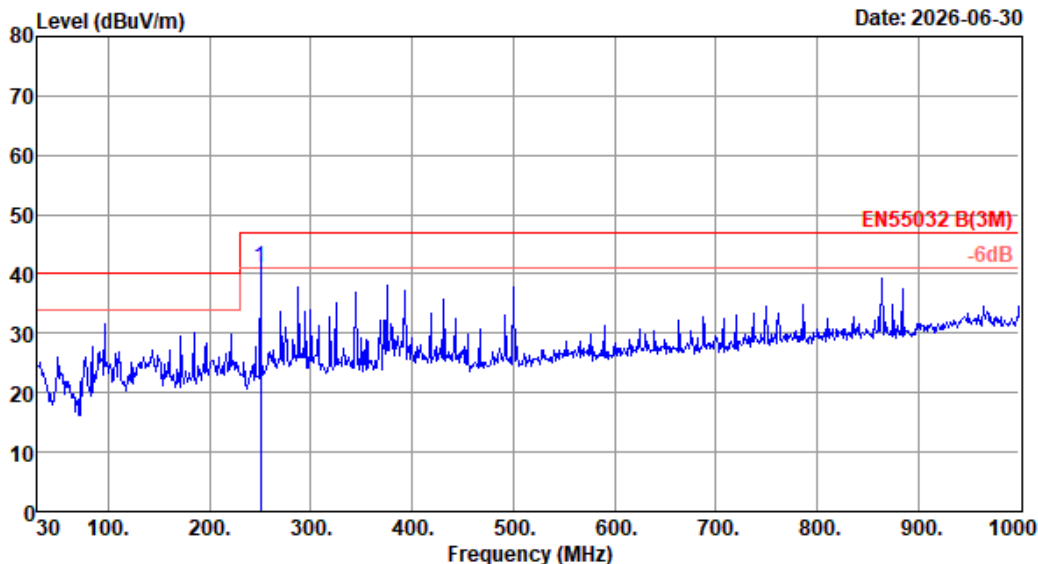
EST Technology

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

Data: 9

File: \\emc-966-3\test data\2026\Report\JJing Heng-1.EM6 (60)

Date: 2026-06-30



Site no. : 3# 966 Chamber Data no. : 9
Dis. / Ant. : 3m 31218 Ant. pol. : HORIZONTAL
Limit : EN55032 B(3M)
Env. / Ins. : Temp:24.2°C;Humi:58%;Press:101.52kPa
Engineer : Turbo Pan
EUT : Digital Mixing Console
Power : DC 18V From Adapter Input AC 110V/60Hz
M/N : DMC24.12
Test Mode : INPUT+RCA IN+Bluetooth+OTG Play+Dante
Sample No : EST-260615023-001

	Freq. (MHz)	ANT Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	250.19	12.80	1.63	26.50	40.93	47.00	6.07	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.

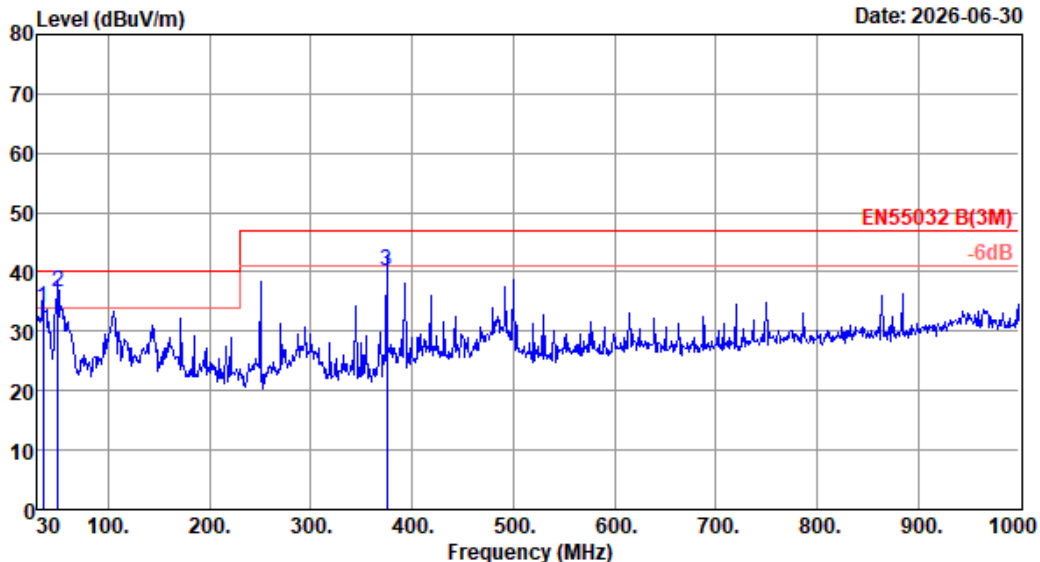
EST Technology

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

Data: 10

File: \\emc-966-3\test data\2026\Report\JJing Heng-1.EM6 (60)

Date: 2026-06-30



Site no. : 3# 966 Chamber Data no. : 10
Dis. / Ant. : 3m 31218 Ant. pol. : VERTICAL
Limit : EN55032 B(3M)
Env. / Ins. : Temp:24.2°C;Humi:58%;Press:101.52kPa
Engineer : Turbo Pan
EUT : Digital Mixing Console
Power : DC 18V From Adapter Input AC 110V/60Hz
M/N : DMC24.12
Test Mode : INPUT+RCA IN+Bluetooth+OTG Play+Dante
Sample No : EST-260615023-001

	Freq. (MHz)	ANT Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	35.82	17.00	0.55	16.50	34.05	40.00	5.95	QP
2	50.37	9.30	0.67	26.70	36.67	40.00	3.33	QP
3	375.32	14.95	2.06	23.20	40.21	47.00	6.79	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.

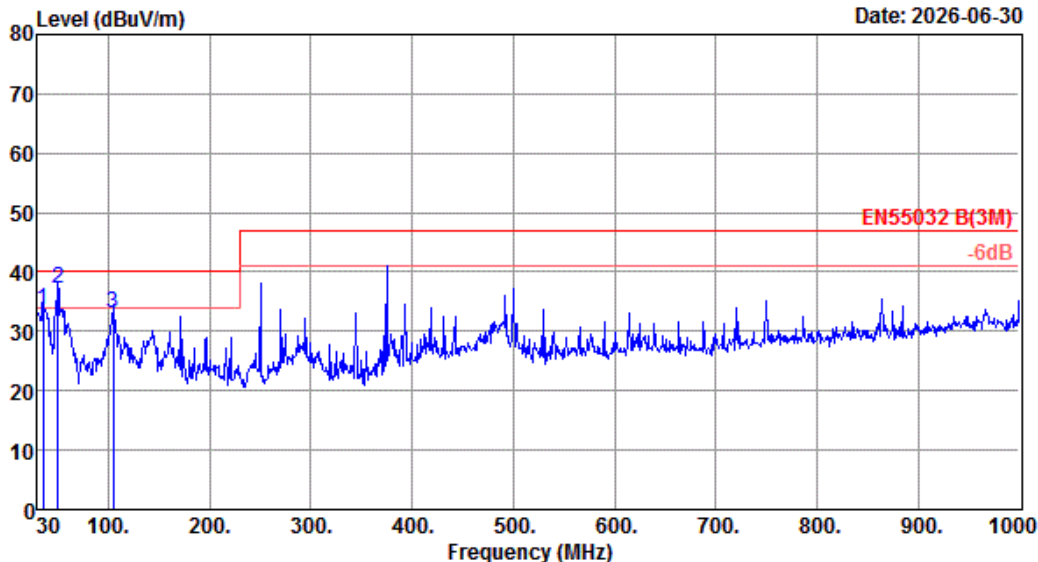
EST Technology

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

Data: 11

File: \\emc-966-3\test data\2026\Report\JJing Heng-1.EM6 (60)

Date: 2026-06-30



Site no. : 3# 966 Chamber Data no. : 11
Dis. / Ant. : 3m 31218 Ant. pol. : VERTICAL
Limit : EN55032 B(3M)
Env. / Ins. : Temp:24.2°C;Humi:58%;Press:101.52kPa
Engineer : Turbo Pan
EUT : Digital Mixing Console
Power : DC 18V From Adapter Input AC 110V/60Hz
M/N : DMC24.12
Test Mode : INPUT+RCA IN+Bluetooth+OTG Record+Dante
Sample No : EST-260615023-001

	Freq. (MHz)	ANT Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	35.82	17.00	0.55	16.10	33.65	40.00	6.35	QP
2	50.37	9.30	0.67	27.30	37.27	40.00	2.73	QP
3	104.69	11.60	0.99	20.50	33.09	40.00	6.91	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.

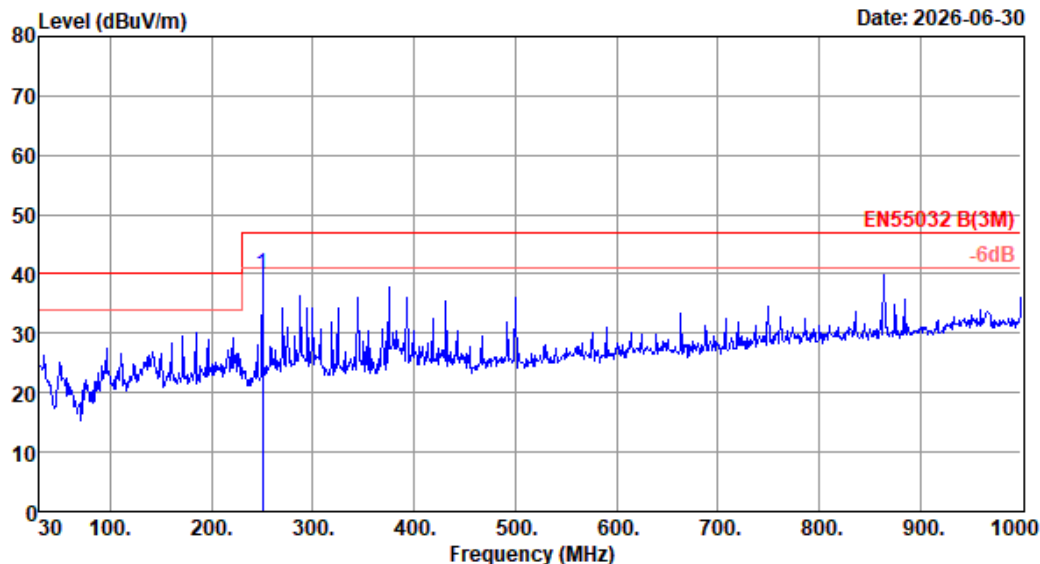
EST Technology

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

Data: 12

File: \\emc-966-3\test data\2026\Report\JJing Heng-1.EM6 (60)

Date: 2026-06-30



Site no. : 3# 966 Chamber Data no. : 12
Dis. / Ant. : 3m 31218 Ant. pol. : HORIZONTAL
Limit : EN55032 B(3M)
Env. / Ins. : Temp:24.2°C;Humi:58%;Press:101.52kPa
Engineer : Turbo Pan
EUT : Digital Mixing Console
Power : DC 18V From Adapter Input AC 110V/60Hz
M/N : DMC24.12
Test Mode : INPUT+RCA IN+Bluetooth+OTG Record+Dante
Sample No : EST-260615023-001

	Freq. (MHz)	ANT Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	250.19	12.80	1.63	25.40	39.83	47.00	7.17	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.

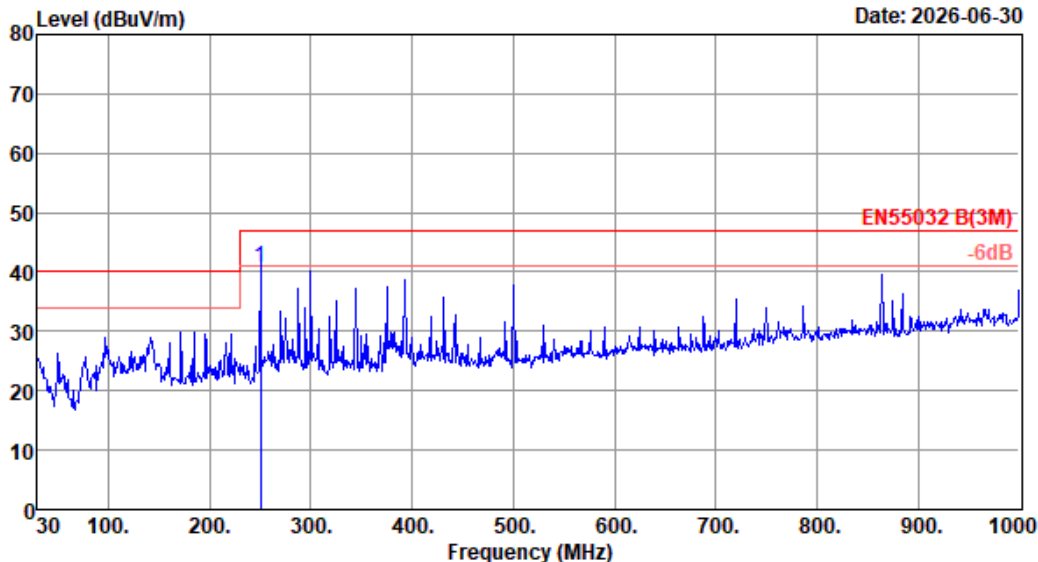
EST Technology

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

Data: 13

File: \\emc-966-3\test data\2026\Report\JJing Heng-1.EM6 (60)

Date: 2026-06-30



Site no. : 3# 966 Chamber Data no. : 13
Dis. / Ant. : 3m 31218 Ant. pol. : HORIZONTAL
Limit : EN55032 B(3M)
Env. / Ins. : Temp:24.2°C;Humi:58%;Press:101.52kPa
Engineer : Turbo Pan
EUT : Digital Mixing Console
Power : DC 18V From Adapter Input AC 230V/50Hz
M/N : DMC24.12
Test Mode : INPUT+RCA IN+Bluetooth+OTG Record+Dante
Sample No : EST-260615023-001

	Freq. (MHz)	ANT Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	250.19	12.80	1.63	26.20	40.63	47.00	6.37	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.

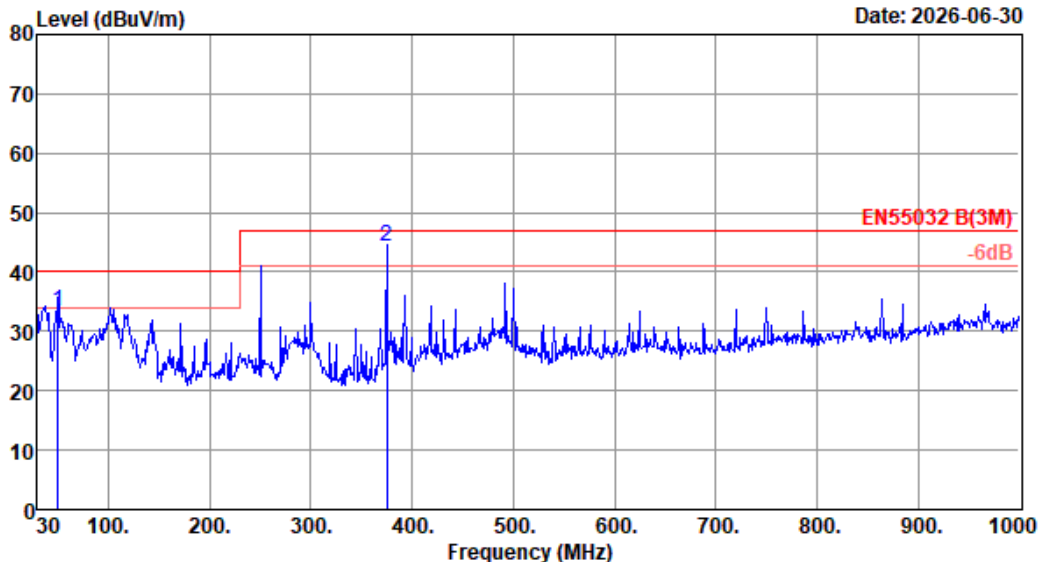
EST Technology

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

Data: 14

File: \\emc-966-3\test data\2026\Report\JJing Heng-1.EM6 (60)

Date: 2026-06-30



Site no. : 3# 966 Chamber Data no. : 14
Dis. / Ant. : 3m 31218 Ant. pol. : VERTICAL
Limit : EN55032 B(3M)
Env. / Ins. : Temp:24.2°C;Humi:58%;Press:101.52kPa
Engineer : Turbo Pan
EUT : Digital Mixing Console
Power : DC 18V From Adapter Input AC 230V/50Hz
M/N : DMC24.12
Test Mode : INPUT+RCA IN+Bluetooth+OTG Record+Dante
Sample No : EST-260615023-001

	Freq. (MHz)	ANT Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	50.37	9.30	0.67	23.50	33.47	40.00	6.53	QP
2	375.32	14.95	2.06	27.20	44.21	47.00	2.79	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.

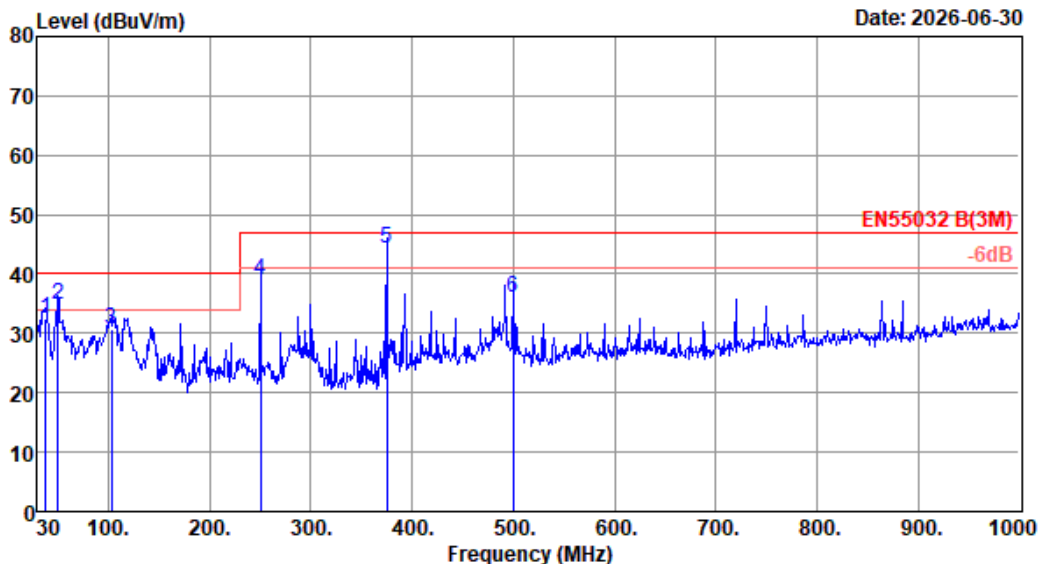
EST Technology

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

Data: 15

File: \\emc-966-3\\test data\\2026\\Report\\JJing Heng-1.EM6 (60)

Date: 2026-06-30



Site no. : 3# 966 Chamber Data no. : 15
Dis. / Ant. : 3m 31218 Ant. pol. : VERTICAL
Limit : EN55032 B(3M)
Env. / Ins. : Temp:24.2°C;Humi:58%;Press:101.52kPa
Engineer : Turbo Pan
EUT : Digital Mixing Console
Power : DC 18V From Adapter Input AC 230V/50Hz
M/N : DMC24.12
Test Mode : INPUT+RCA IN+Bluetooth+OTG Play+Dante
Sample No : EST-260615023-001

	Freq. (MHz)	ANT Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	37.76	15.80	0.57	16.10	32.47	40.00	7.53	QP
2	50.37	9.30	0.67	24.80	34.77	40.00	5.23	QP
3	102.75	11.44	0.98	18.20	30.62	40.00	9.38	QP
4	250.19	12.80	1.63	24.60	39.03	47.00	7.97	QP
5	375.32	14.95	2.06	27.40	44.41	47.00	2.59	QP
6	499.48	17.50	2.43	16.20	36.13	47.00	10.87	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.

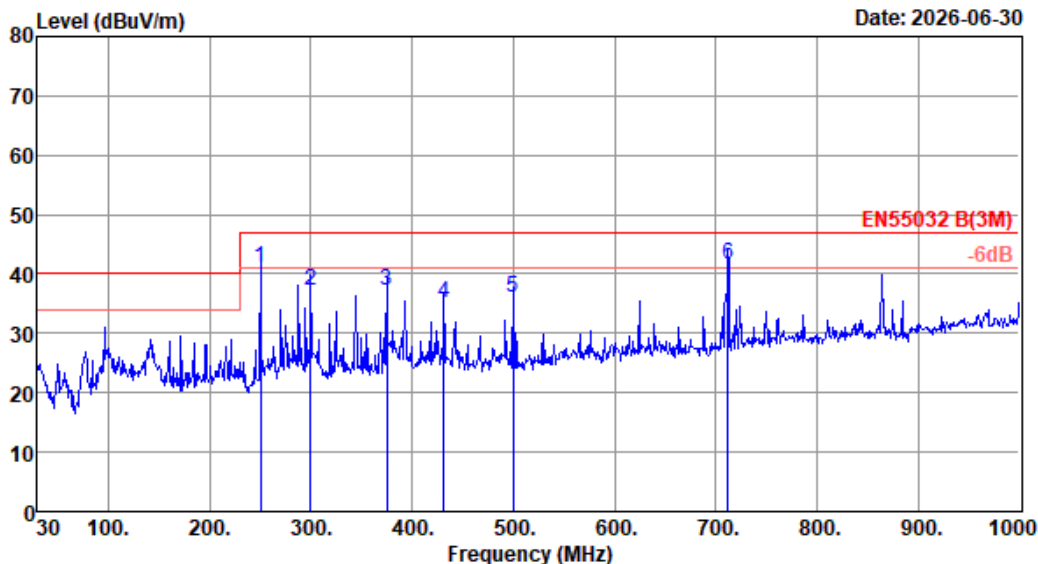
EST Technology

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

Data: 16

File: \\emc-966-3\\test data\\2026\\Report\\JJing Heng-1.EM6 (60)

Date: 2026-06-30



Site no. : 3# 966 Chamber Data no. : 16
Dis. / Ant. : 3m 31218 Ant. pol. : HORIZONTAL
Limit : EN55032 B(3M)
Env. / Ins. : Temp:24.2°C;Humi:58%;Press:101.52kPa
Engineer : Turbo Pan
EUT : Digital Mixing Console
Power : DC 18V From Adapter Input AC 230V/50Hz
M/N : DMC24.12
Test Mode : INPUT+RCA IN+Bluetooth+OTG Play+Dante
Sample No : EST-260615023-001

	Freq. (MHz)	ANT Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	250.19	12.80	1.63	26.50	40.93	47.00	6.07	QP
2	299.66	13.00	1.80	22.40	37.20	47.00	9.80	QP
3	375.32	14.95	2.06	20.09	37.10	47.00	9.90	QP
4	431.58	16.48	2.23	16.40	35.11	47.00	11.89	QP
5	499.48	17.50	2.43	16.20	36.13	47.00	10.87	QP
6	711.91	20.32	2.98	18.20	41.50	47.00	5.50	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.

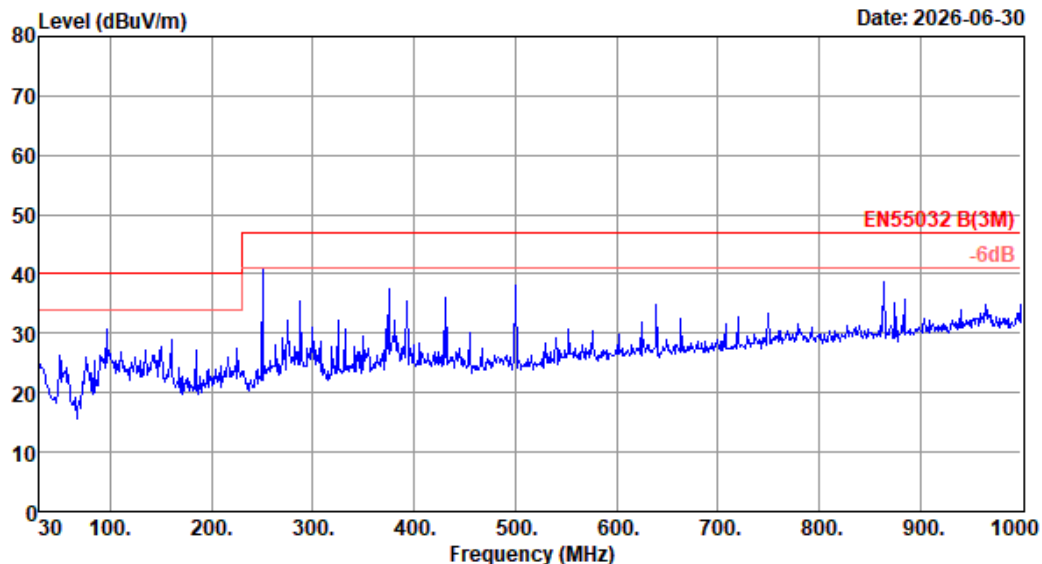
EST Technology

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

Data: 17

File: \\emc-966-3\test data\2026\Report\JJing Heng-1.EM6 (60)

Date: 2026-06-30



Site no. : 3# 966 Chamber Data no. : 17
Dis. / Ant. : 3m 31218 Ant. pol. : HORIZONTAL
Limit : EN55032 B(3M)
Env. / Ins. : Temp:24.2°C;Humi:58%;Press:101.52kPa
Engineer : Turbo Pan
EUT : Digital Mixing Console
Power : DC 18V From Adapter Input AC 230V/50Hz
M/N : DMC24.12
Test Mode : INPUT+RCA IN+Bluetooth+OTG Play
Sample No : EST-260615023-001

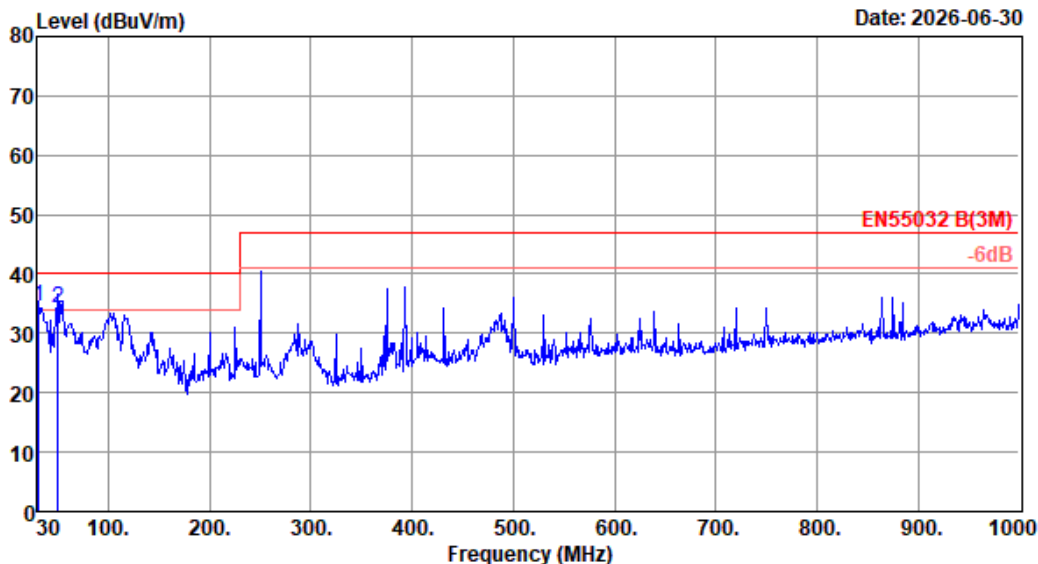
EST Technology

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

Data: 18

File: \\emc-966-3\test data\2026\Report\JJing Heng-1.EM6 (60)

Date: 2026-06-30



Site no. : 3# 966 Chamber Data no. : 18
Dis. / Ant. : 3m 31218 Ant. pol. : VERTICAL
Limit : EN55032 B(3M)
Env. / Ins. : Temp:24.2°C;Humi:58%;Press:101.52kPa
Engineer : Turbo Pan
EUT : Digital Mixing Console
Power : DC 18V From Adapter Input AC 230V/50Hz
M/N : DMC24.12
Test Mode : INPUT+RCA IN+Bluetooth+OTG Play
Sample No : EST-260615023-001

	Freq. (MHz)	ANT Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	30.97	18.70	0.51	15.40	34.61	40.00	5.39	QP
2	50.37	9.30	0.67	24.30	34.27	40.00	5.73	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.

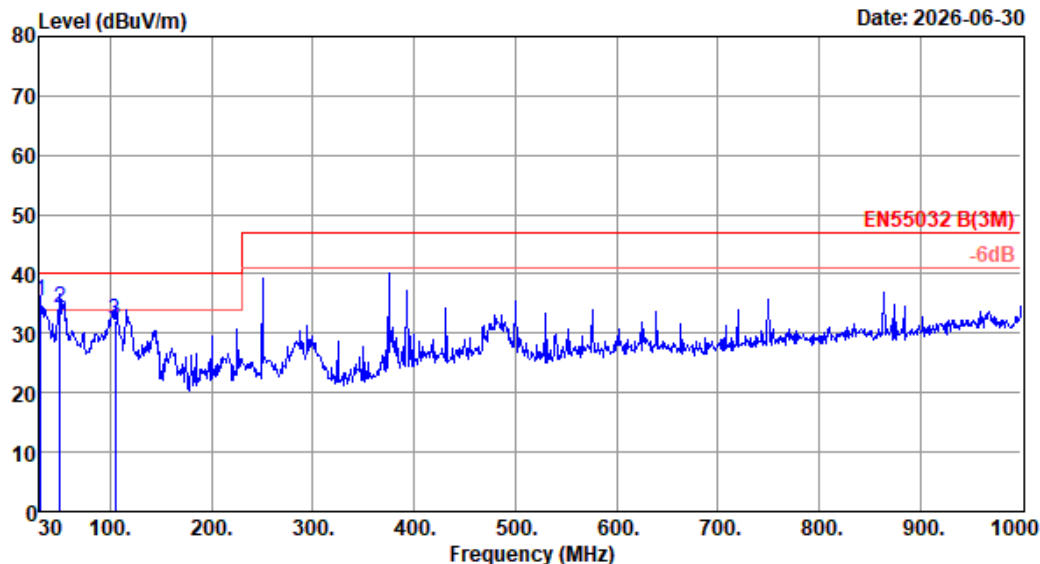
EST Technology

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

Data: 19

File: \\emc-966-3\test data\2026\Report\JJing Heng-1.EM6 (60)

Date: 2026-06-30



Site no. : 3# 966 Chamber Data no. : 19
Dis. / Ant. : 3m 31218 Ant. pol. : VERTICAL
Limit : EN55032 B(3M)
Env. / Ins. : Temp:24.2°C;Humi:58%;Press:101.52kPa
Engineer : Turbo Pan
EUT : Digital Mixing Console
Power : DC 18V From Adapter Input AC 230V/50Hz
M/N : DMC24.12
Test Mode : INPUT+RCA IN+Bluetooth+OTG Record
Sample No : EST-260615023-001

	Freq. (MHz)	ANT Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	30.97	18.70	0.51	16.20	35.41	40.00	4.59	QP
2	50.37	9.30	0.67	24.30	34.27	40.00	5.73	QP
3	104.69	11.60	0.99	19.60	32.19	40.00	7.81	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.

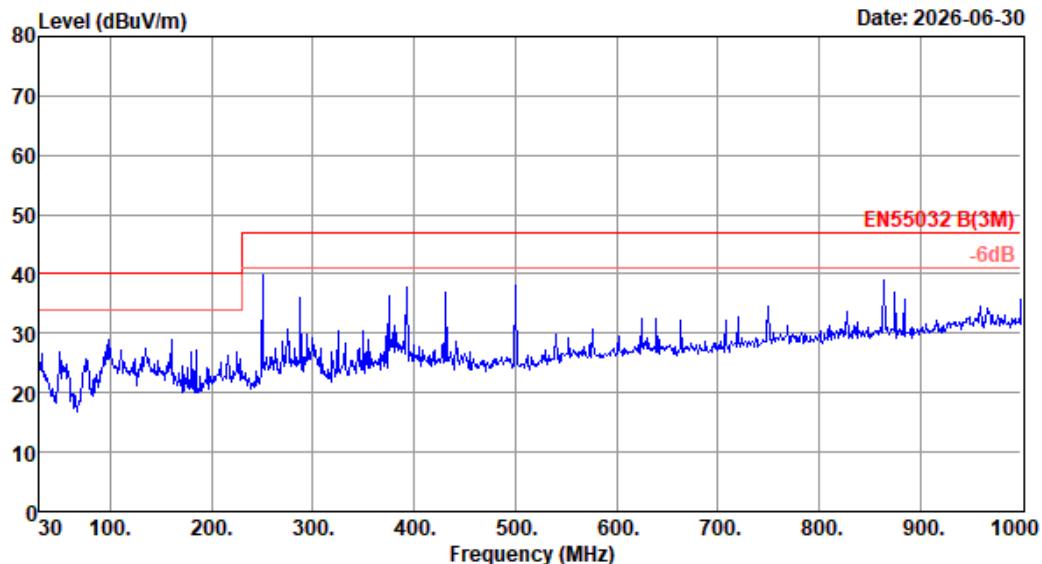
EST Technology

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

Data: 20

File: \\emc-966-3\test data\2026\Report\JJing Heng-1.EM6 (60)

Date: 2026-06-30



Site no. : 3# 966 Chamber Data no. : 20
Dis. / Ant. : 3m 31218 Ant. pol. : HORIZONTAL
Limit : EN55032 B(3M)
Env. / Ins. : Temp:24.2°C;Humi:58%;Press:101.52kPa
Engineer : Turbo Pan
EUT : Digital Mixing Console
Power : DC 18V From Adapter Input AC 230V/50Hz
M/N : DMC24.12
Test Mode : INPUT+RCA IN+Bluetooth+OTG Record
Sample No : EST-260615023-001

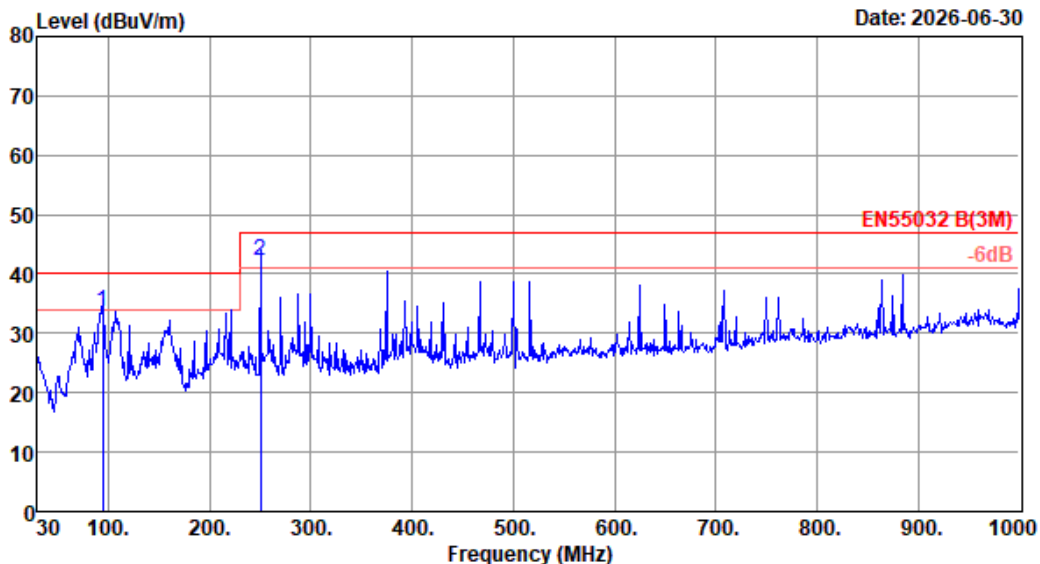
EST Technology

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

Data: 21

File: \\emc-966-3\test data\2026\Report\JJing Heng-1.EM6 (60)

Date: 2026-06-30



Site no. : 3# 966 Chamber Data no. : 21
 Dis. / Ant. : 3m 31218 Ant. pol. : HORIZONTAL
 Limit : EN55032 B(3M)
 Env. / Ins. : Temp:24.2°C;Humi:58%;Press:101.52kPa
 Engineer : Turbo Pan
 EUT : Digital Mixing Console
 Power : DC 18V From Adapter Input AC 230V/50Hz
 M/N : DMC24.12
 Test Mode : INPUT+RCA IN+Bluetooth+OTG Play+AES-67
 Sample No : EST-260615023-001

	Freq. (MHz)	ANT Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	94.02	10.10	0.94	22.60	33.64	40.00	6.36	QP
2	250.19	12.80	1.63	27.80	42.23	47.00	4.77	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.

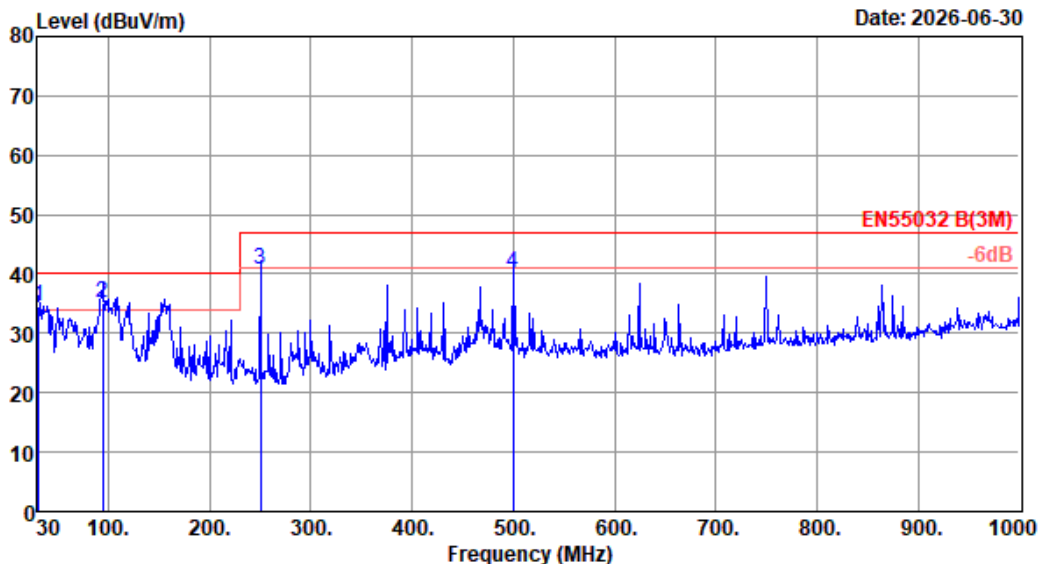
EST Technology

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

Data: 22

File: \\emc-966-3\test data\2026\Report\JJing Heng-1.EM6 (60)

Date: 2026-06-30



Site no. : 3# 966 Chamber Data no. : 22
Dis. / Ant. : 3m 31218 Ant. pol. : VERTICAL
Limit : EN55032 B(3M)
Env. / Ins. : Temp:24.2°C;Humi:58%;Press:101.52kPa
Engineer : Turbo Pan
EUT : Digital Mixing Console
Power : DC 18V From Adapter Input AC 230V/50Hz
M/N : DMC24.12
Test Mode : INPUT+RCA IN+Bluetooth+OTG Play+AES-67
Sample No : EST-260615023-001

	Freq. (MHz)	ANT Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	30.97	18.70	0.51	15.20	34.41	40.00	5.59	QP
2	94.02	10.10	0.94	24.20	35.24	40.00	4.76	QP
3	250.19	12.80	1.63	26.40	40.83	47.00	6.17	QP
4	499.48	17.50	2.43	20.10	40.03	47.00	6.97	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.

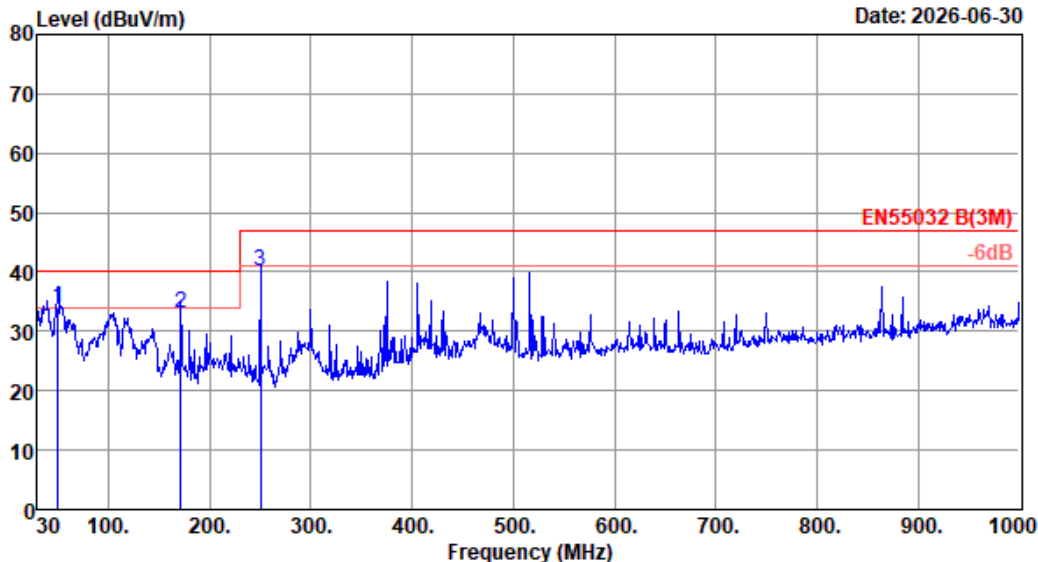
EST Technology

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

Data: 23

File: \\emc-966-3\test data\2026\Report\JJing Heng-1.EM6 (60)

Date: 2026-06-30



Site no. : 3# 966 Chamber Data no. : 23
 Dis. / Ant. : 3m 31218 Ant. pol. : VERTICAL
 Limit : EN55032 B(3M)
 Env. / Ins. : Temp:24.2°C;Humi:58%;Press:101.52kPa
 Engineer : Turbo Pan
 EUT : Digital Mixing Console
 Power : DC 18V From Adapter Input AC 230V/50Hz
 M/N : DMC24.12
 Test Mode : INPUT+RCA IN+Bluetooth+OTG Record+AES-67
 Sample No : EST-260615023-001

	Freq. (MHz)	ANT Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	50.37	9.30	0.67	24.00	33.97	40.00	6.03	QP
2	171.62	9.98	1.31	21.70	32.99	40.00	7.01	QP
3	250.19	12.80	1.63	25.60	40.03	47.00	6.97	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.

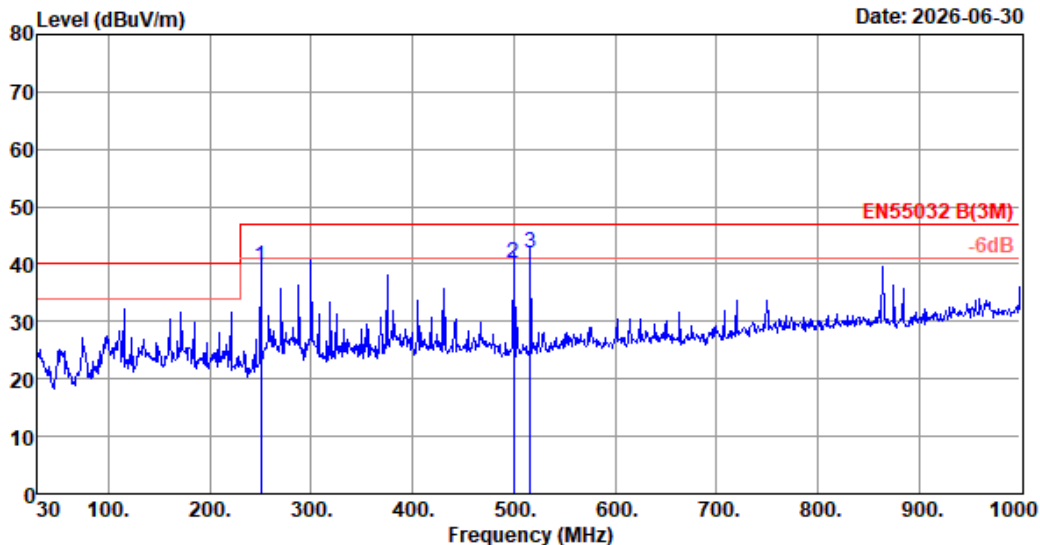
EST Technology

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

Data: 24

File: \\emc-966-3\test data\2026\Report\JJing Heng-1.EM6 (60)

Date: 2026-06-30



Site no. : 3# 966 Chamber Data no. : 24
Dis. / Ant. : 3m 31218 Ant. pol. : HORIZONTAL
Limit : EN55032 B(3M)
Env. / Ins. : Temp:24.2°C;Humi:58%;Press:101.52kPa
Engineer : Turbo Pan
EUT : Digital Mixing Console
Power : DC 18V From Adapter Input AC 230V/50Hz
M/N : DMC24.12
Test Mode : INPUT+RCA IN+Bluetooth+OTG Record+AES-67
Sample No : EST-260615023-001

	Freq. (MHz)	ANT Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	250.19	12.80	1.63	25.20	39.63	47.00	7.37	QP
2	499.48	17.50	2.43	20.30	40.23	47.00	6.77	QP
3	515.97	17.76	2.47	21.81	42.04	47.00	4.96	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.

4.4. Radiated Emission Test (above 1GHz)

RESULT : **Pass**
Test procedure : EN 55032:2015+A1:2020
Frequency range : 1 GHz to 6 GHz
Test Site : 1#966 Chamber
Limits : EN 55032:2015+A1:2020 Class B

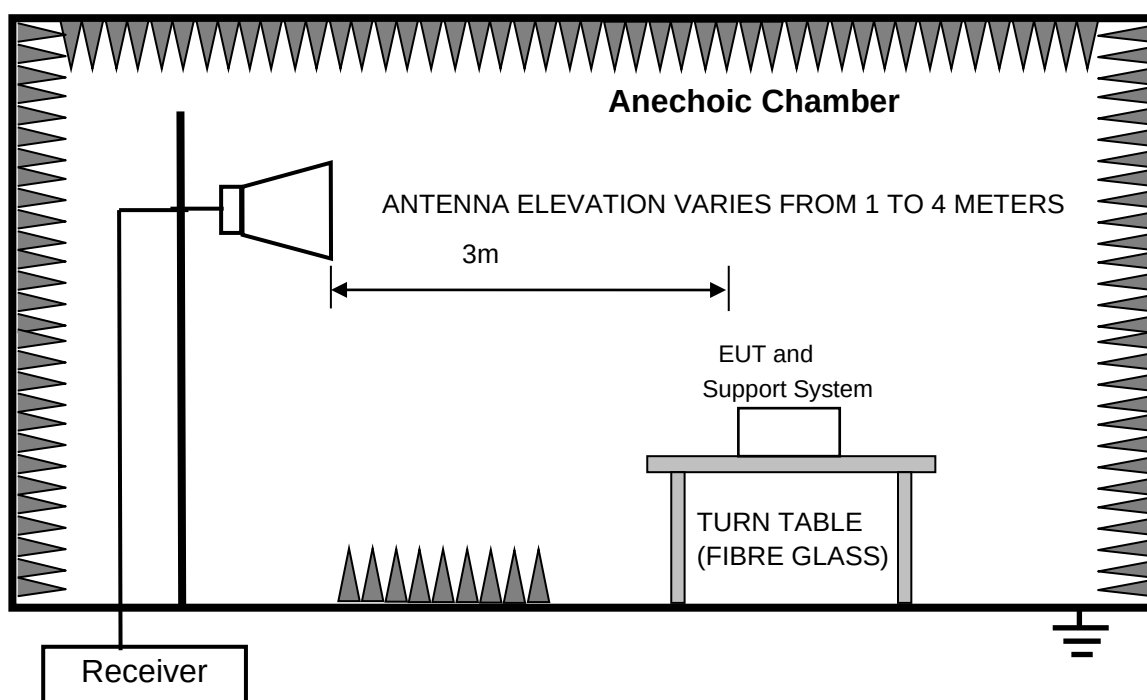
Test Setup

Date of test : Jun. 30, 2026
Model No. : DMC24.12
Input Voltage : DC 18V From Adapter Input AC 230V/50Hz
DC 18V From Adapter Input AC 110V/60Hz
Operation Mode : INPUT+RCA IN+Bluetooth+OTG Play,
INPUT+RCA IN+Bluetooth+OTG Record,
INPUT+RCA IN+Bluetooth+OTG Play+Dante,
INPUT+RCA IN+Bluetooth+OTG Record+Dante,
INPUT+RCA IN+Bluetooth+OTG Play+AES-67,
INPUT+RCA IN+Bluetooth+OTG Record+AES-67

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).

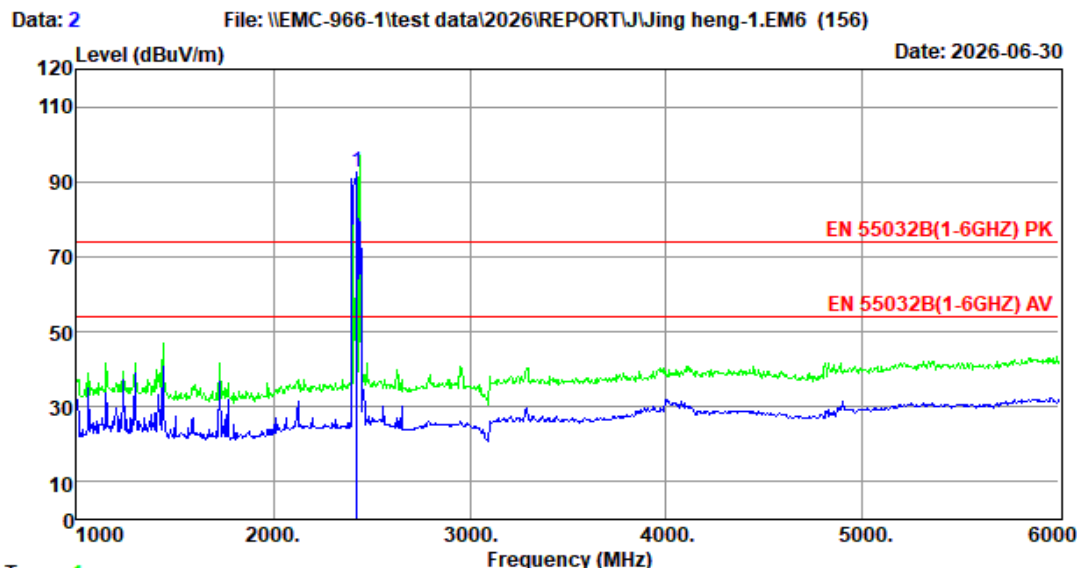


Note: Test uncertainty: $\pm 4.86\text{dB}$ at a level of confidence of 95%(1#966).

Test Data

EST Technology

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



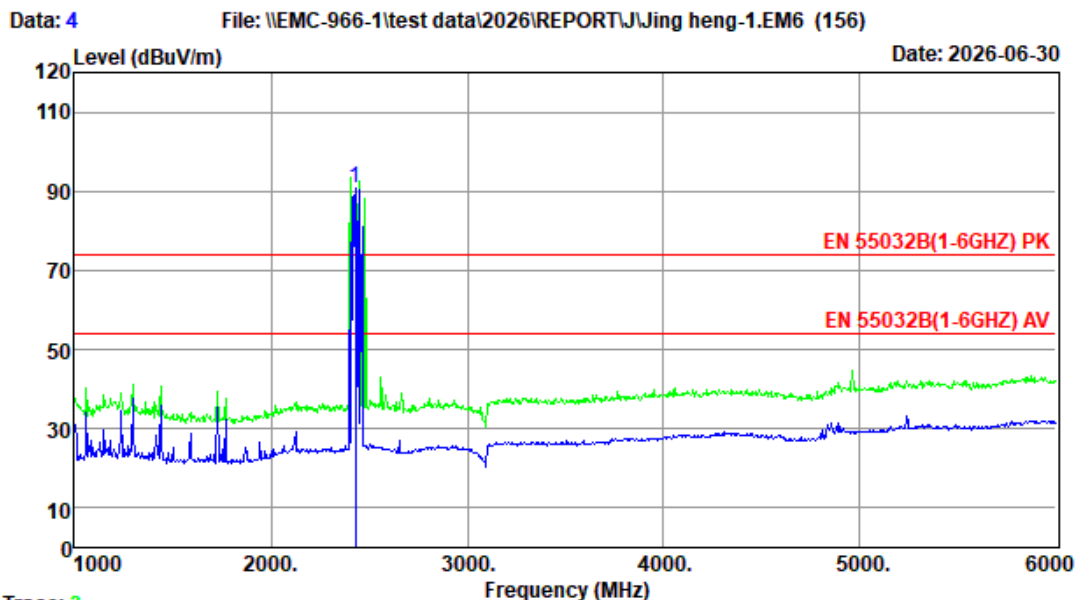
Trace: 1
Site no. : 1# 966 Chamber Data no. : 2
Dis. / Ant. : 3m 9120D-2667 1-18G Ant. pol. : VERTICAL
Limit : EN 55032B(1-6GHZ) PK
Env. / Ins. : Temp:22.9°C.Humi:58%;Press:101.1kPa
Engineer : Ted Deng
EUT : Digital Mixing Console
Power : DC 18V From Adapter Input AC 110V/60Hz
M/N : DMC24.12
Test Mode : INPUT+RCA IN+Bluetooth+OTG Play
Sample No : EST-260615023-001

	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	2425.00	27.43	5.64	39.12	98.68	92.63	74.00	-18.63	2.4G TX

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

EST Technology

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



Trace: 3

Site no. : 1# 966 Chamber Data no. : 4

Dis. / Ant. : 3m 9120D-2667 1-18G Ant. pol. : HORIZONTAL

Limit : EN 55032B(1-6GHZ) PK

Env. / Ins. : Temp:22.9°C.Humi:58%;Press:101.1kPa

Engineer : Ted Deng

EUT : Digital Mixing Console

Power : DC 18V From Adapter Input AC 110V/60Hz

M/N : DMC24.12

Test Mode : INPUT+RCA IN+Bluetooth+OTG Play

Sample No : EST-260615023-001

	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	2430.00	27.43	5.64	39.11	96.66	90.62	74.00	-16.62	2.4G TX

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

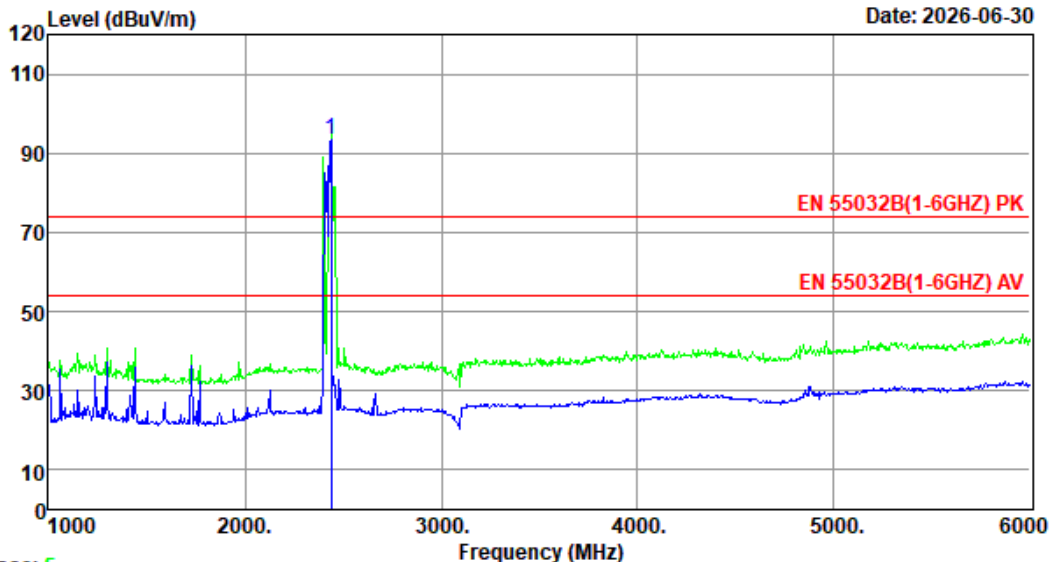
EST Technology

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

Data: 6

File: \\EMC-966-1\test data\2026\REPORT\JJing heng-1.EM6 (156)

Date: 2026-06-30



Trace: 5

Site no. : 1# 966 Chamber Data no. : 6
Dis. / Ant. : 3m 9120D-2667 1-18G Ant. pol. : HORIZONTAL
Limit : EN 55032B(1-6GHZ) PK
Env. / Ins. : Temp:22.9°C.Humi:58%;Press:101.1kPa
Engineer : Ted Deng
EUT : Digital Mixing Console
Power : DC 18V From Adapter Input AC 230V/50Hz
M/N : DMC24.12
Test Mode : INPUT+RCA IN+Bluetooth+OTG Play
Sample No : EST-260615023-001

	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	2440.00	27.50	5.67	39.10	99.23	93.30	74.00	-19.30	2.4G TX

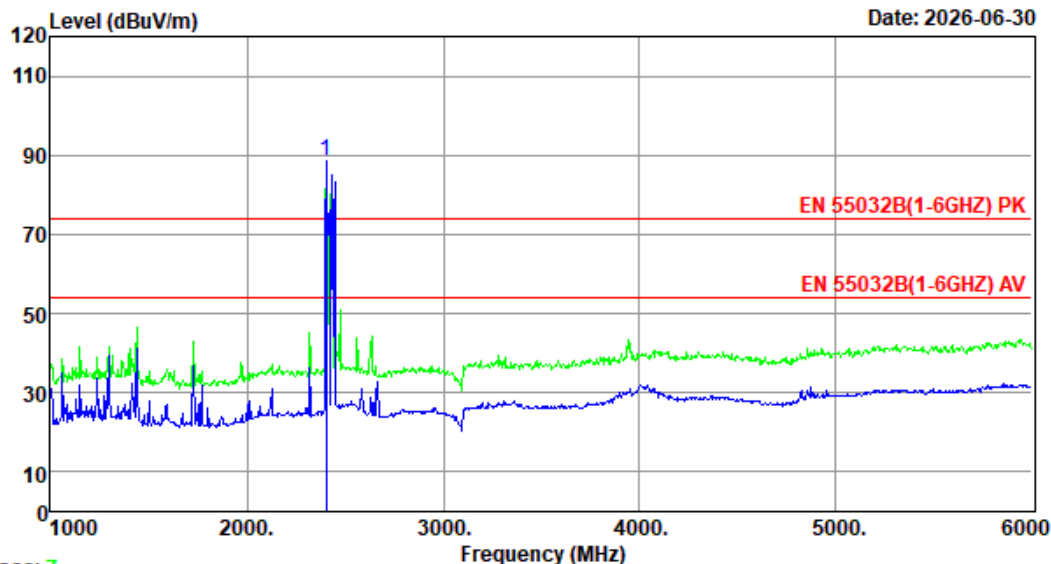
Remarks: 1. Emission Level= Antenna Factor + Cable Loss - Amp Factor + Reading.
2. Margin= Limit - Emission Level.
3. The emission levels that are 20dB below the official limit are not reported.

EST Technology

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

Data: 8 File: \\EMC-966-1\test data\2026\REPORT\JJing heng-1.EM6 (156)

Date: 2026-06-30



Trace: 7

Site no. : 1# 966 Chamber Data no. : 8
Dis. / Ant. : 3m 9120D-2667 1-18G Ant. pol. : VERTICAL
Limit : EN 55032B(1-6GHZ) PK
Env. / Ins. : Temp:22.9°C.Humi:58%;Press:101.1kPa
Engineer : Ted Deng
EUT : Digital Mixing Console
Power : DC 18V From Adapter Input AC 230V/50Hz
M/N : DMC24.12
Test Mode : INPUT+RCA IN+Bluetooth+OTG Play
Sample No : EST-260615023-001

	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	2405.00	27.37	5.60	39.15	94.69	88.51	74.00	-14.51	2.4G TX

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

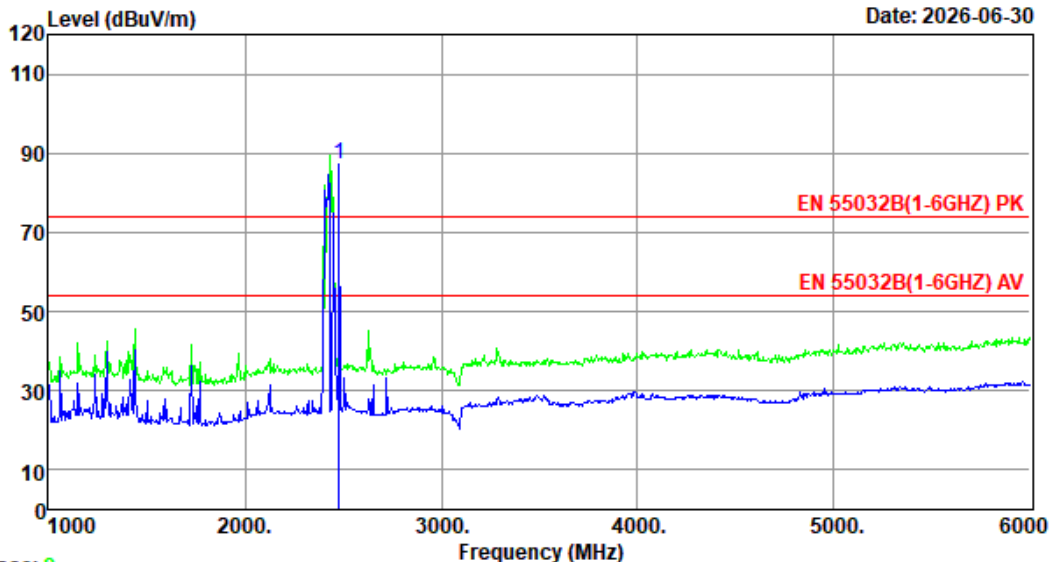
EST Technology

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

Data: 10

File: \\EMC-966-1\test data\2026\REPORT\JJing heng-1.EM6 (156)

Date: 2026-06-30



Trace: 9

Site no. : 1# 966 Chamber Data no. : 10
Dis. / Ant. : 3m 9120D-2667 1-18G Ant. pol. : VERTICAL
Limit : EN 55032B(1-6GHZ) PK
Env. / Ins. : Temp:22.9°C.Humi:58%;Press:101.1KPa
Engineer : Ted Deng
EUT : Digital Mixing Console
Power : DC 18V From Adapter Input AC 230V/50Hz
M/N : DMC24.12
Test Mode : INPUT+RCA IN+Bluetooth+OTG Record
Sample No : EST-260615023-001

	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	2480.00	27.63	5.74	39.04	92.86	87.19	74.00	-13.19	2.4G TX

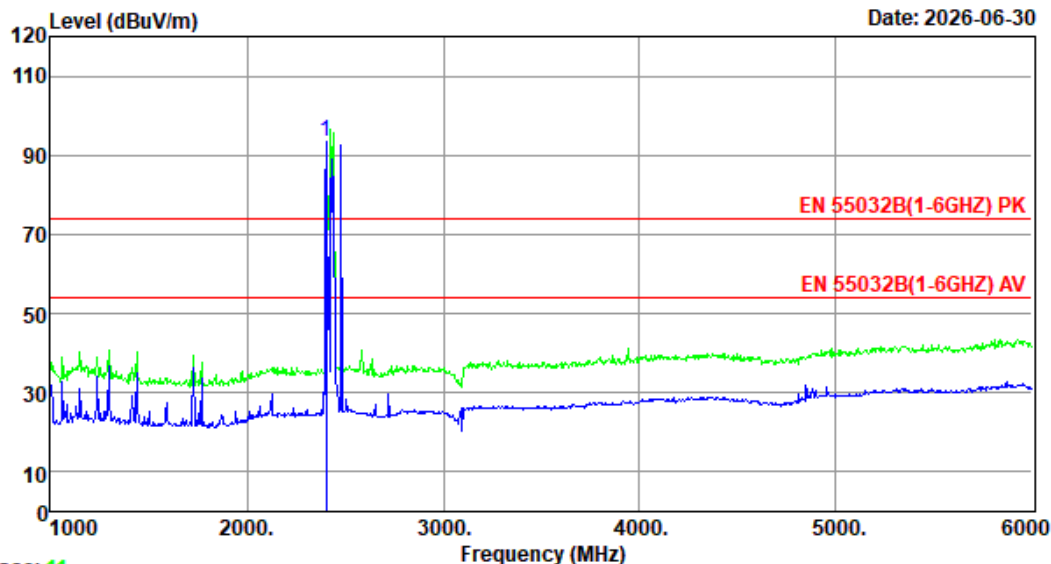
Remarks: 1. Emission Level= Antenna Factor + Cable Loss - Amp Factor + Reading.
2. Margin= Limit - Emission Level.
3. The emission levels that are 20dB below the official limit are not reported.

EST Technology

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

Data: 12 File: \\EMC-966-1\test data\2026\REPORT\JJing heng-1.EM6 (156)

Date: 2026-06-30



Trace: 11

Site no. : 1# 966 Chamber Data no. : 12
Dis. / Ant. : 3m 9120D-2667 1-18G Ant. pol. : HORIZONTAL
Limit : EN 55032B(1-6GHZ) PK
Env. / Ins. : Temp:22.9°C.Humi:58%;Press:101.1kPa
Engineer : Ted Deng
EUT : Digital Mixing Console
Power : DC 18V From Adapter Input AC 230V/50Hz
M/N : DMC24.12
Test Mode : INPUT+RCA IN+Bluetooth+OTG Record
Sample No : EST-260615023-001

	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	2405.00	27.37	5.60	39.15	99.61	93.43	74.00	-19.43	2.4G TX

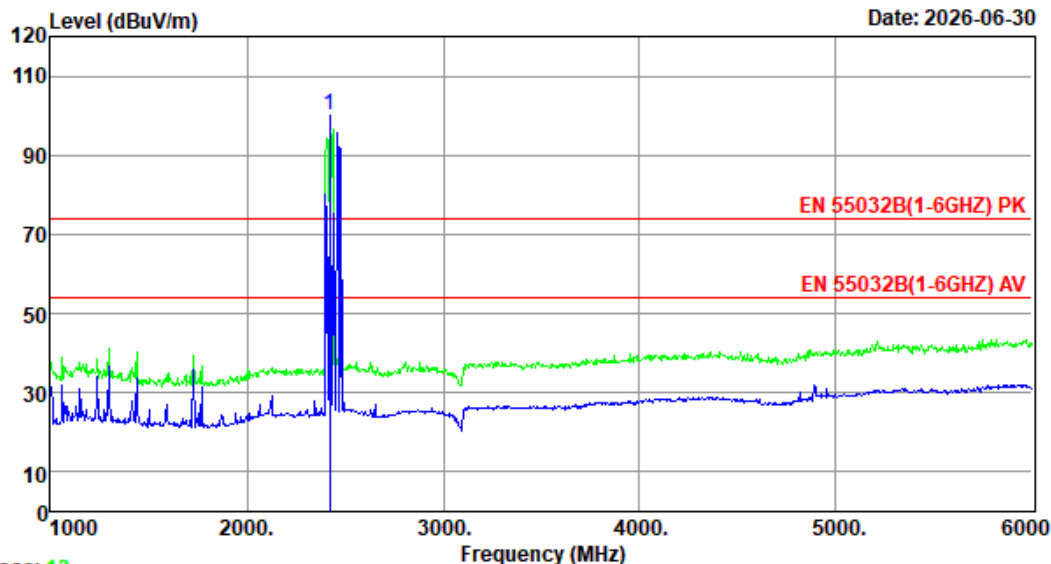
Remarks: 1. Emission Level= Antenna Factor + Cable Loss - Amp Factor + Reading.
2. Margin= Limit - Emission Level.
3. The emission levels that are 20dB below the official limit are not reported.

EST Technology

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

Data: 14 File: \\EMC-966-1\test data\2026\REPORT\JJing heng-1.EM6 (156)

Date: 2026-06-30



Trace: 13

Site no. : 1# 966 Chamber Data no. : 14
Dis. / Ant. : 3m 9120D-2667 1-18G Ant. pol. : HORIZONTAL
Limit : EN 55032B(1-6GHZ) PK
Env. / Ins. : Temp:22.9°C.Humi:58%;Press:101.1KPa
Engineer : Ted Deng
EUT : Digital Mixing Console
Power : DC 18V From Adapter Input AC 110V/60Hz
M/N : DMC24.12
Test Mode : INPUT+RCA IN+Bluetooth+OTG Record
Sample No : EST-260615023-001

	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	2420.00	27.43	5.64	39.13	105.92	99.86	74.00	-25.86	2.4G TX

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

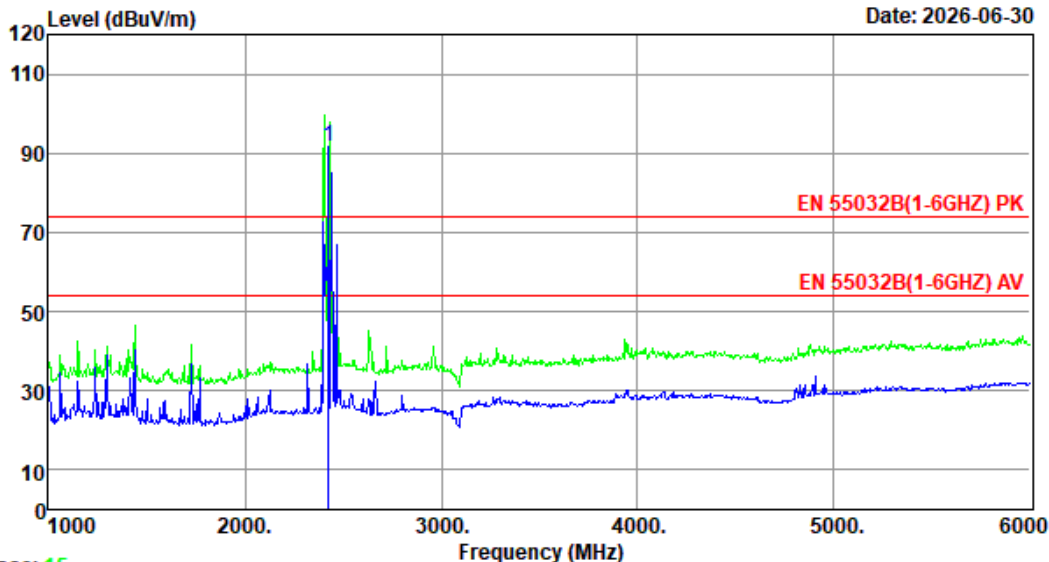
EST Technology

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

Data: 16

File: \\EMC-966-1\test data\2026\REPORT\JJing heng-1.EM6 (156)

Date: 2026-06-30



Trace: 15

Site no. : 1# 966 Chamber Data no. : 16
Dis. / Ant. : 3m 9120D-2667 1-18G Ant. pol. : VERTICAL
Limit : EN 55032B(1-6GHZ) PK
Env. / Ins. : Temp:22.9°C.Humi:58%;Press:101.1kPa
Engineer : Ted Deng
EUT : Digital Mixing Console
Power : DC 18V From Adapter Input AC 110V/60Hz
M/N : DMC24.12
Test Mode : INPUT+RCA IN+Bluetooth+OTG Record
Sample No : EST-260615023-001

	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	2425.00	27.43	5.64	39.12	97.87	91.82	74.00	-17.82	2.4G TX

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

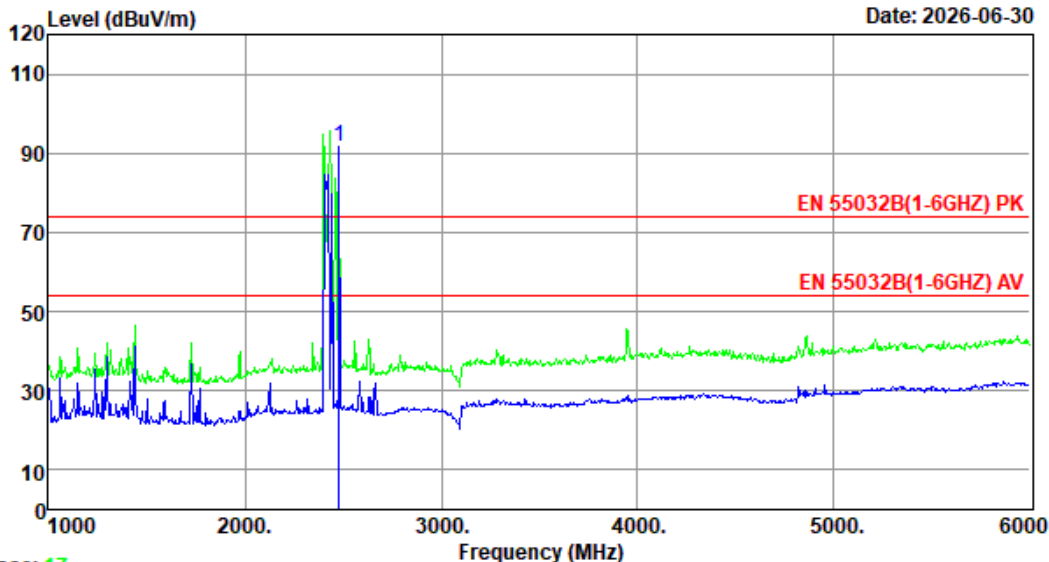
EST Technology

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

Data: 18

File: \\EMC-966-1\test data\2026\REPORT\JJing heng-1.EM6 (156)

Date: 2026-06-30



Trace: 17

Site no. : 1# 966 Chamber Data no. : 18
Dis. / Ant. : 3m 9120D-2667 1-18G Ant. pol. : VERTICAL
Limit : EN 55032B(1-6GHZ) PK
Env. / Ins. : Temp:22.9°C.Humi:58%;Press:101.1KPa
Engineer : Ted Deng
EUT : Digital Mixing Console
Power : DC 18V From Adapter Input AC 110V/60Hz
M/N : DMC24.12
Test Mode : INPUT+RCA IN+Bluetooth+OTG Play+Dante
Sample No : EST-260615023-001

	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	2480.00	27.63	5.74	39.04	97.38	91.71	74.00	-17.71	2.4G TX

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

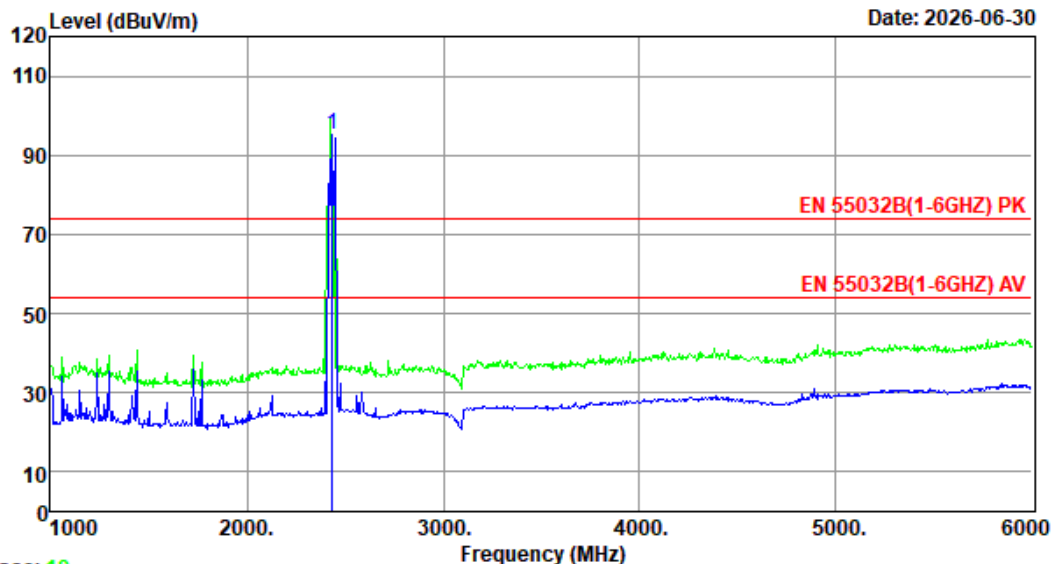
EST Technology

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

Data: 20

File: \\EMC-966-1\test data\2026\REPORT\JJing heng-1.EM6 (156)

Date: 2026-06-30



Trace: 19

Site no. : 1# 966 Chamber Data no. : 20
Dis. / Ant. : 3m 9120D-2667 1-18G Ant. pol. : HORIZONTAL
Limit : EN 55032B(1-6GHZ) PK
Env. / Ins. : Temp:22.9°C.Humi:58%;Press:101.1kPa
Engineer : Ted Deng
EUT : Digital Mixing Console
Power : DC 18V From Adapter Input AC 110V/60Hz
M/N : DMC24.12
Test Mode : INPUT+RCA IN+Bluetooth+OTG Play+Dante
Sample No : EST-260615023-001

	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	2435.00	27.43	5.64	39.10	101.27	95.24	74.00	-21.24	2.4G TX

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

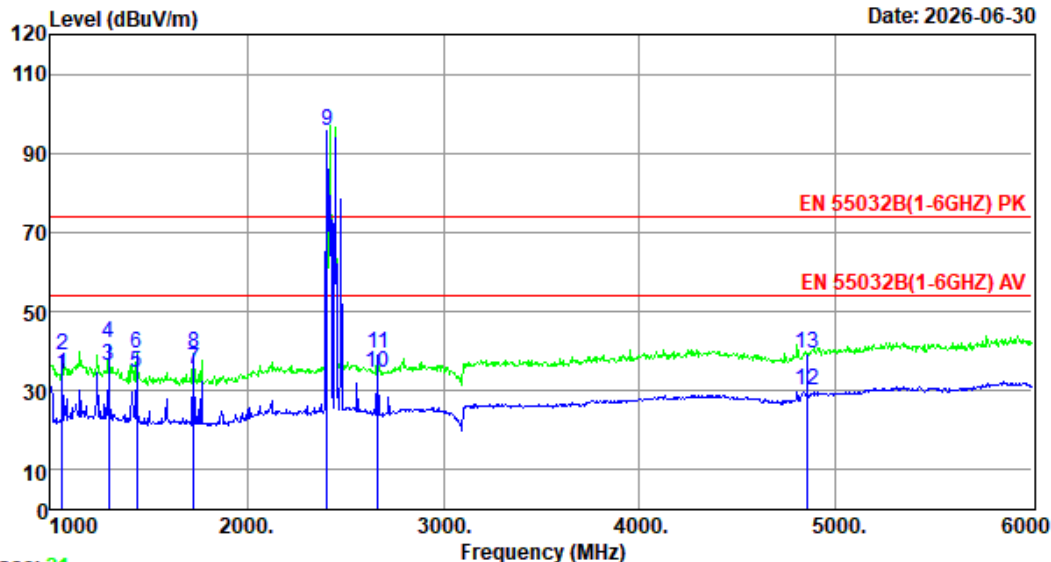
EST Technology

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

Data: 22

File: \\EMC-966-1\test data\2026\REPORT\JJing heng-1.EM6 (156)

Date: 2026-06-30



Site no. : 1# 966 Chamber Data no. : 22
 Dis. / Ant. : 3m 9120D-2667 1-18G Ant. pol. : HORIZONTAL
 Limit : EN 55032B(1-6GHZ) PK
 Env. / Ins. : Temp:22.9°C.Humi:58%;Press:101.1KPa
 Engineer : Ted Deng
 EUT : Digital Mixing Console
 Power : DC 18V From Adapter Input AC 230V/50Hz
 M/N : DMC24.12
 Test Mode : INPUT+RCA IN+Bluetooth+OTG Play+Dante
 Sample No : EST-260615023-001

	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Amp Factor (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	1060.00	25.57	3.41	41.17	46.30	34.11	54.00	19.89	Average
2	1060.00	25.57	3.41	41.17	51.18	38.99	74.00	35.01	Peak
3	1295.00	25.70	3.75	40.27	46.94	36.12	54.00	17.88	Average
4	1295.00	25.70	3.75	40.27	52.72	41.90	74.00	32.10	Peak
5	1440.00	25.86	3.98	40.02	44.77	34.59	54.00	19.41	Average
6	1440.00	25.86	3.98	40.02	49.60	39.42	74.00	34.58	Peak
7	1730.00	25.57	4.38	39.80	45.25	35.40	54.00	18.60	Average
8	1730.00	25.57	4.38	39.80	49.18	39.33	74.00	34.67	Peak
9	2410.00	27.37	5.60	39.14	101.62	95.45	74.00	-21.45	2.4G TX
10	2665.00	28.00	5.81	39.55	40.28	34.54	54.00	19.46	Average
11	2665.00	28.00	5.81	39.55	45.32	39.58	74.00	34.42	Peak
12	4850.00	32.32	7.47	41.19	31.57	30.17	54.00	23.83	Average
13	4850.00	32.32	7.47	41.19	40.83	39.43	74.00	34.57	Peak

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

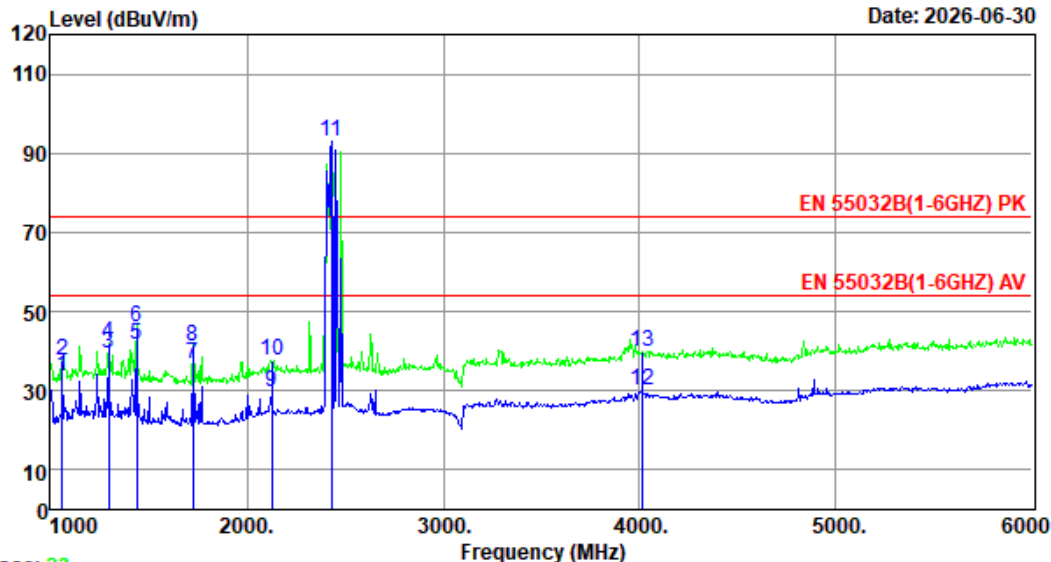
EST Technology

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

Data: 24

File: \\EMC-966-1\test data\2026\REPORT\JJing heng-1.EM6 (156)

Date: 2026-06-30



Trace: 23

Site no. : 1# 966 Chamber Data no. : 24
 Dis. / Ant. : 3m 9120D-2667 1-18G Ant. pol. : VERTICAL
 Limit : EN 55032B(1-6GHZ) PK
 Env. / Ins. : Temp:22.9°C.Humi:58%;Press:101.1KPa
 Engineer : Ted Deng
 EUT : Digital Mixing Console
 Power : DC 18V From Adapter Input AC 230V/50Hz
 M/N : DMC24.12
 Test Mode : INPUT+RCA IN+Bluetooth+OTG Play+Dante
 Sample No : EST-260615023-001

	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Amp Factor (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	1060.00	25.57	3.41	41.17	45.89	33.70	54.00	20.30	Average
2	1060.00	25.57	3.41	41.17	49.99	37.80	74.00	36.20	Peak
3	1295.00	25.70	3.75	40.27	50.12	39.30	54.00	14.70	Average
4	1295.00	25.70	3.75	40.27	53.01	42.19	74.00	31.81	Peak
5	1440.00	25.86	3.98	40.02	51.83	41.65	54.00	12.35	Average
6	1440.00	25.86	3.98	40.02	56.24	46.06	74.00	27.94	Peak
7	1725.00	25.57	4.38	39.80	46.67	36.82	54.00	17.18	Average
8	1725.00	25.57	4.38	39.80	50.86	41.01	74.00	32.99	Peak
9	2125.00	27.18	5.00	39.60	37.17	29.75	54.00	24.25	Average
10	2125.00	27.18	5.00	39.60	45.04	37.62	74.00	36.38	Peak
11	2430.00	27.43	5.64	39.11	99.22	93.18	74.00	-19.18	2.4G TX
12	4010.00	31.00	6.75	41.10	33.32	29.97	54.00	24.03	Average
13	4010.00	31.00	6.75	41.10	43.13	39.78	74.00	34.22	Peak

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

2. Margin= Limit - Emission Level.

3. The emission levels that are 20dB below the official limit are not reported.

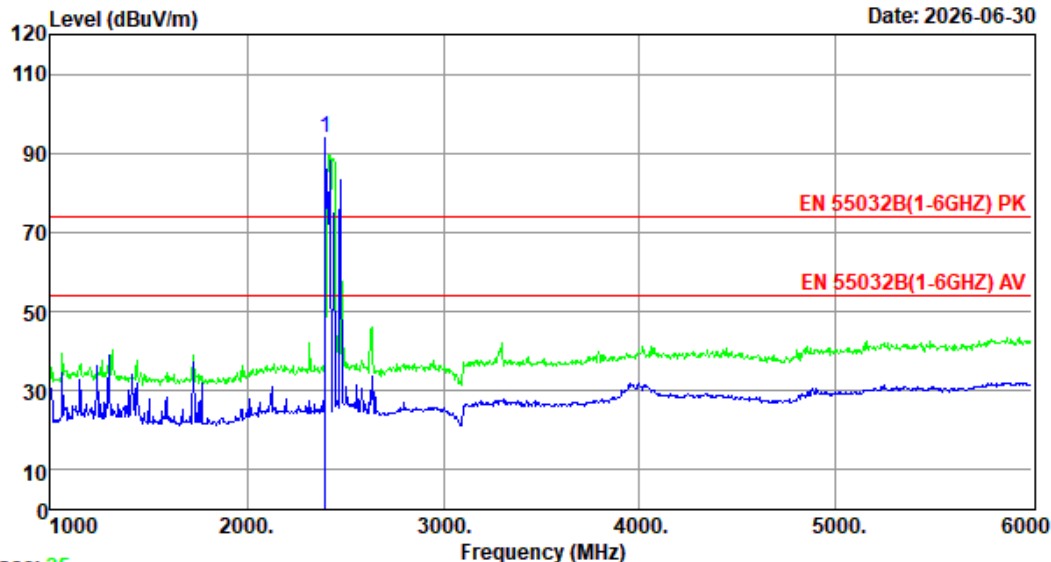
EST Technology

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

Data: 26

File: \\EMC-966-1\test data\2026\REPORT\JJing heng-1.EM6 (156)

Date: 2026-06-30



Trace: 25

Site no. : 1# 966 Chamber Data no. : 26
 Dis. / Ant. : 3m 9120D-2667 1-18G Ant. pol. : VERTICAL
 Limit : EN 55032B(1-6GHZ) PK
 Env. / Ins. : Temp:22.9°C.Humi:58%;Press:101.1kPa
 Engineer : Ted Deng
 EUT : Digital Mixing Console
 Power : DC 18V From Adapter Input AC 230V/50Hz
 M/N : DMC24.12
 Test Mode : INPUT+RCA IN+Bluetooth+OTG Record+Dante
 Sample No : EST-260615023-001

	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	2400.00	27.30	5.57	39.16	100.06	93.77	74.00	-19.77	2.4G TX

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

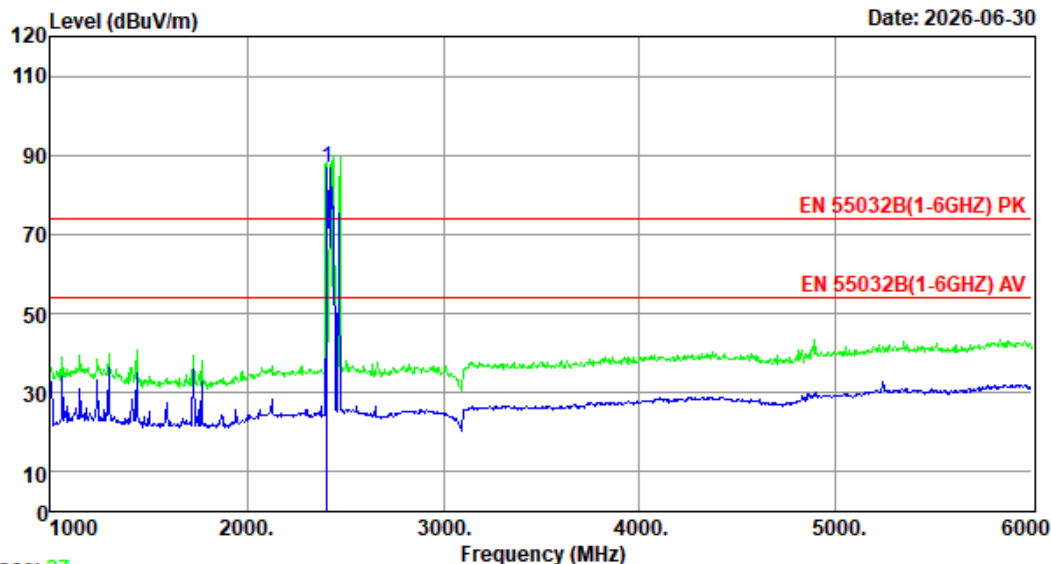
EST Technology

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

Data: 28

File: \\EMC-966-1\test data\2026\REPORT\JJing heng-1.EM6 (156)

Date: 2026-06-30



Trace: 27

Site no. : 1# 966 Chamber Data no. : 28
Dis. / Ant. : 3m 9120D-2667 1-18G Ant. pol. : HORIZONTAL
Limit : EN 55032B(1-6GHZ) PK
Env. / Ins. : Temp:22.9°C.Humi:58%;Press:101.1KPa
Engineer : Ted Deng
EUT : Digital Mixing Console
Power : DC 18V From Adapter Input AC 230V/50Hz
M/N : DMC24.12
Test Mode : INPUT+RCA IN+Bluetooth+OTG Record+Dante
Sample No : EST-260615023-001

	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	2410.00	27.37	5.60	39.14	93.11	86.94	74.00	-12.94	2.4G TX

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

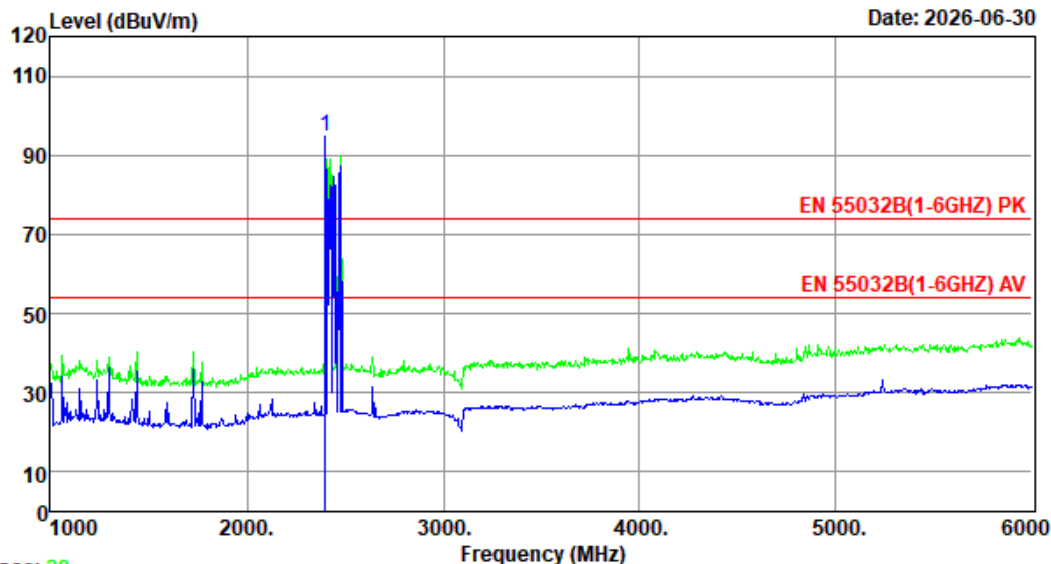
EST Technology

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

Data: 30

File: \\EMC-966-1\test data\2026\REPORT\JJing heng-1.EM6 (156)

Date: 2026-06-30



Trace: 29

Site no. : 1# 966 Chamber Data no. : 30
Dis. / Ant. : 3m 9120D-2667 1-18G Ant. pol. : HORIZONTAL
Limit : EN 55032B(1-6GHZ) PK
Env. / Ins. : Temp:22.9°C.Humi:58%;Press:101.1kPa
Engineer : Ted Deng
EUT : Digital Mixing Console
Power : DC 18V From Adapter Input AC 110V/60Hz
M/N : DMC24.12
Test Mode : INPUT+RCA IN+Bluetooth+OTG Record+Dante
Sample No : EST-260615023-001

	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	2400.00	27.30	5.57	39.16	100.89	94.60	74.00	-20.60	2.4G TX

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

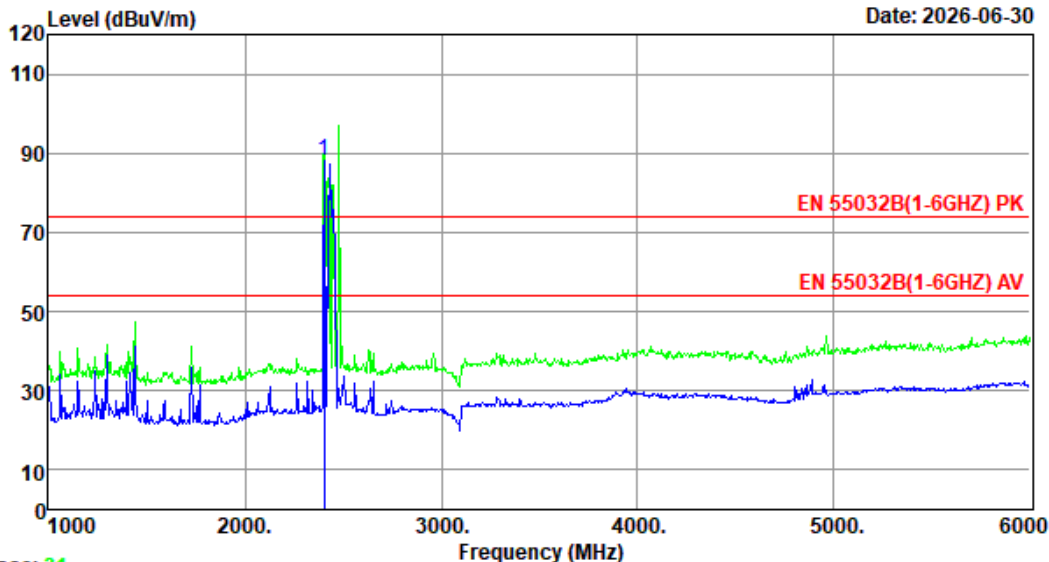
EST Technology

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

Data: 32

File: \\EMC-966-1\test data\2026\REPORT\JJing heng-1.EM6 (156)

Date: 2026-06-30



Trace: 31

Site no. : 1# 966 Chamber Data no. : 32
Dis. / Ant. : 3m 9120D-2667 1-18G Ant. pol. : VERTICAL
Limit : EN 55032B(1-6GHZ) PK
Env. / Ins. : Temp:22.9°C.Humi:58%;Press:101.1KPa
Engineer : Ted Deng
EUT : Digital Mixing Console
Power : DC 18V From Adapter Input AC 110V/60Hz
M/N : DMC24.12
Test Mode : INPUT+RCA IN+Bluetooth+OTG Record+Dante
Sample No : EST-260615023-001

	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	2405.00	27.37	5.60	39.15	94.44	88.26	74.00	-14.26	2.4G TX

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

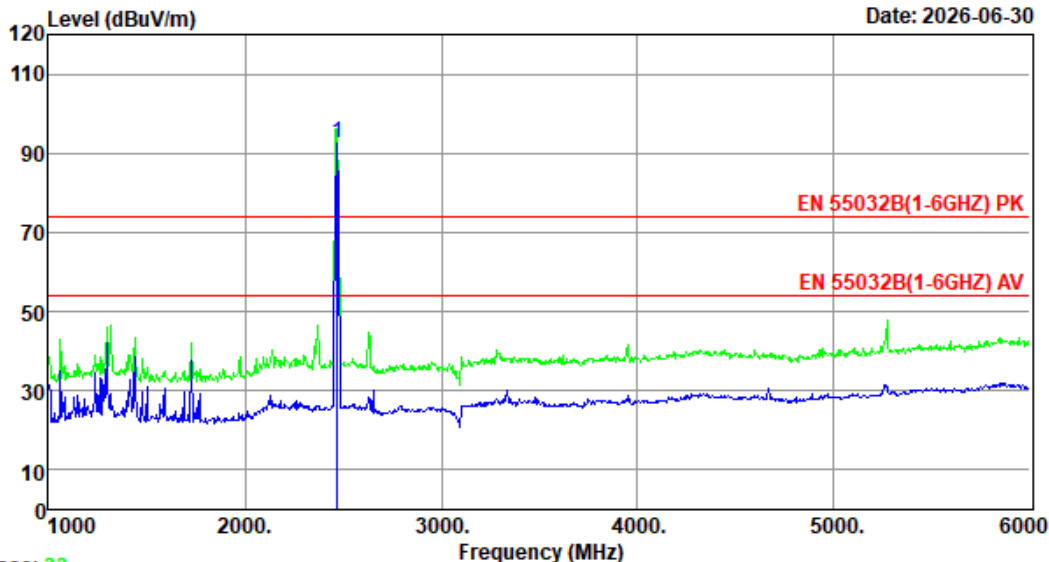
EST Technology

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

Data: 34

File: \\EMC-966-1\test data\2026\REPORT\JJing heng-1.EM6 (156)

Date: 2026-06-30



Trace: 33

Site no. : 1# 966 Chamber Data no. : 34
Dis. / Ant. : 3m 9120D-2667 1-18G Ant. pol. : VERTICAL
Limit : EN 55032B(1-6GHZ) PK
Env. / Ins. : Temp:22.9°C.Humi:58%;Press:101.1KPa
Engineer : Ted Deng
EUT : Digital Mixing Console
Power : DC 18V From Adapter Input AC 110V/60Hz
M/N : DMC24.12
Test Mode : INPUT+RCA IN+Bluetooth+OTG Play+AES-67
Sample No : EST-260615023-001

	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	2470.00	27.57	5.71	39.05	98.42	92.65	74.00	-18.65	2.4G TX

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

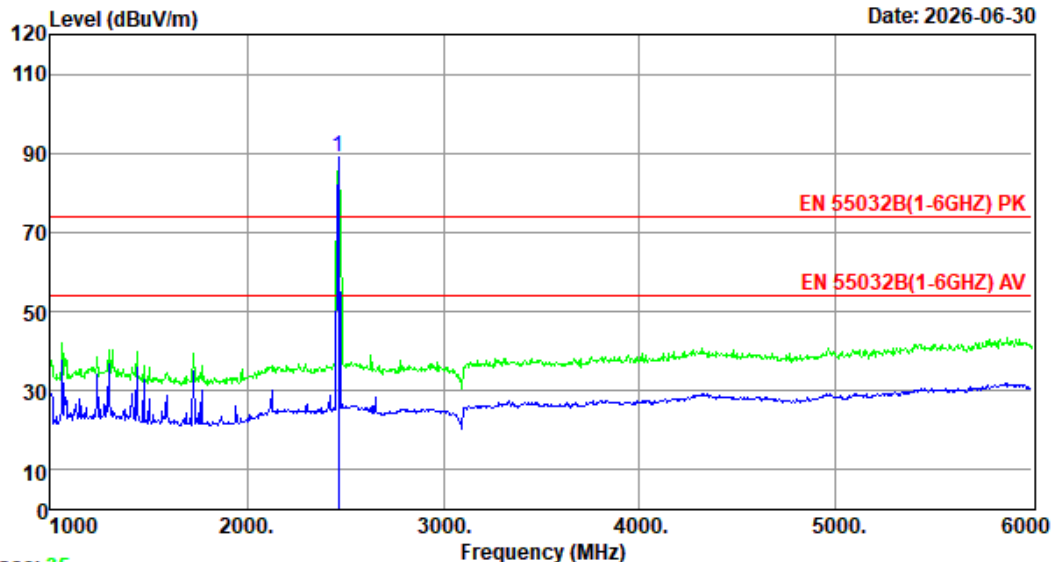
EST Technology

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

Data: 36

File: \\EMC-966-1\test data\2026\REPORT\JJing heng-1.EM6 (156)

Date: 2026-06-30



Trace: 35

Site no. : 1# 966 Chamber Data no. : 36
Dis. / Ant. : 3m 9120D-2667 1-18G Ant. pol. : HORIZONTAL
Limit : EN 55032B(1-6GHZ) PK
Env. / Ins. : Temp:22.9°C.Humi:58%;Press:101.1kPa
Engineer : Ted Deng
EUT : Digital Mixing Console
Power : DC 18V From Adapter Input AC 110V/60Hz
M/N : DMC24.12
Test Mode : INPUT+RCA IN+Bluetooth+OTG Play+AES-67
Sample No : EST-260615023-001

	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	2465.00	27.57	5.71	39.06	94.75	88.97	74.00	-14.97	2.4G TX

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

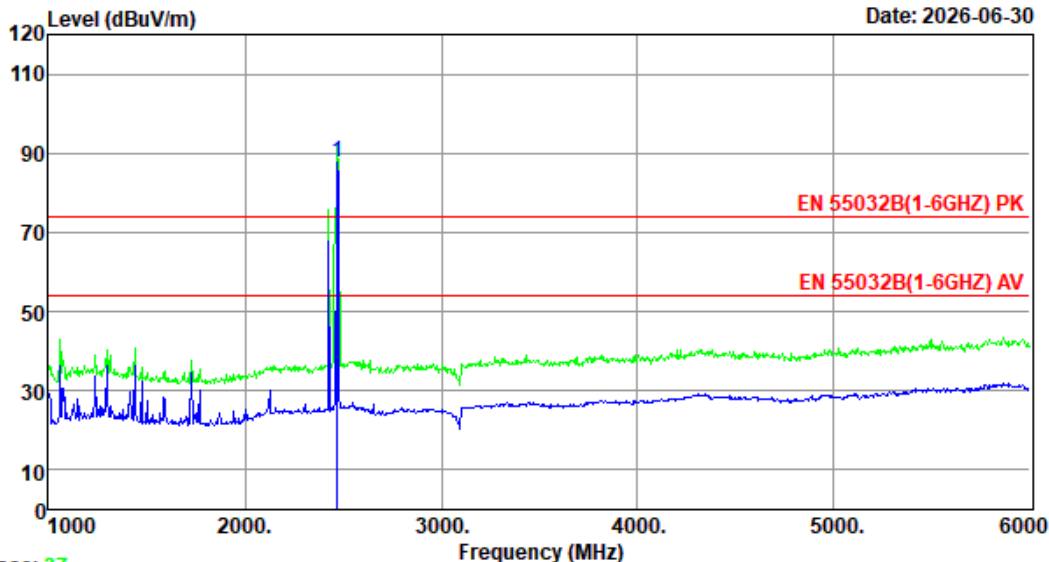
EST Technology

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

Data: 38

File: \\EMC-966-1\test data\2026\REPORT\JJing heng-1.EM6 (156)

Date: 2026-06-30



Trace: 37

Site no. : 1# 966 Chamber Data no. : 38
Dis. / Ant. : 3m 9120D-2667 1-18G Ant. pol. : HORIZONTAL
Limit : EN 55032B(1-6GHZ) PK
Env. / Ins. : Temp:22.9°C.Humi:58%;Press:101.1KPa
Engineer : Ted Deng
EUT : Digital Mixing Console
Power : DC 18V From Adapter Input AC 230V/50Hz
M/N : DMC24.12
Test Mode : INPUT+RCA IN+Bluetooth+OTG Play+AES-67
Sample No : EST-260615023-001

	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	2470.00	27.57	5.71	39.05	93.34	87.57	74.00	-13.57	2.4G TX

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

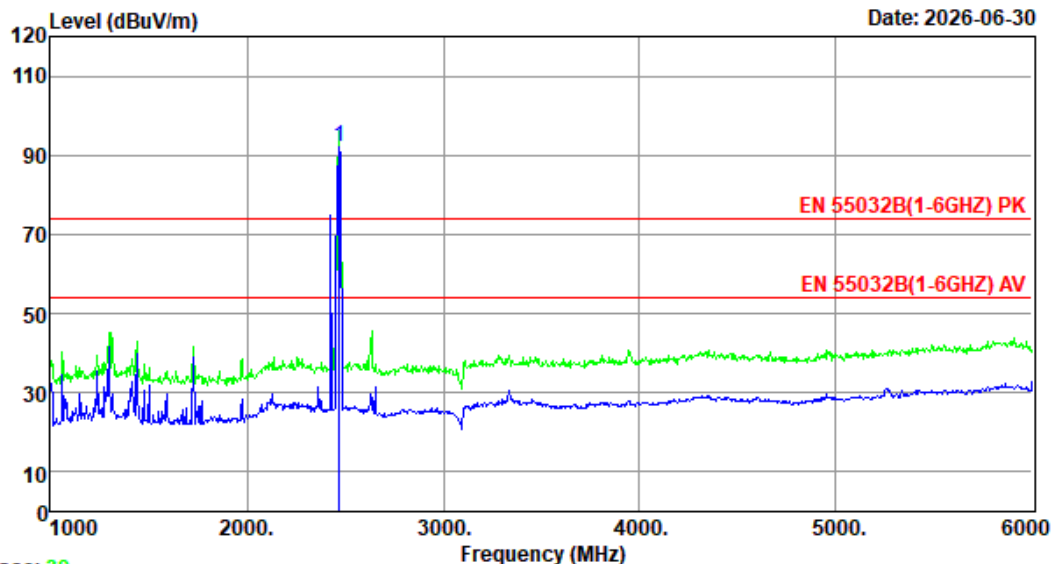
EST Technology

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

Data: 40

File: \\EMC-966-1\test data\2026\REPORT\JJing heng-1.EM6 (156)

Date: 2026-06-30



Trace: 39

Site no. : 1# 966 Chamber Data no. : 40
Dis. / Ant. : 3m 9120D-2667 1-18G Ant. pol. : VERTICAL
Limit : EN 55032B(1-6GHZ) PK
Env. / Ins. : Temp:22.9°C.Humi:58%;Press:101.1KPa
Engineer : Ted Deng
EUT : Digital Mixing Console
Power : DC 18V From Adapter Input AC 230V/50Hz
M/N : DMC24.12
Test Mode : INPUT+RCA IN+Bluetooth+OTG Play+AES-67
Sample No : EST-260615023-001

	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	2470.00	27.57	5.71	39.05	97.83	92.06	74.00	-18.06	2.4G TX

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

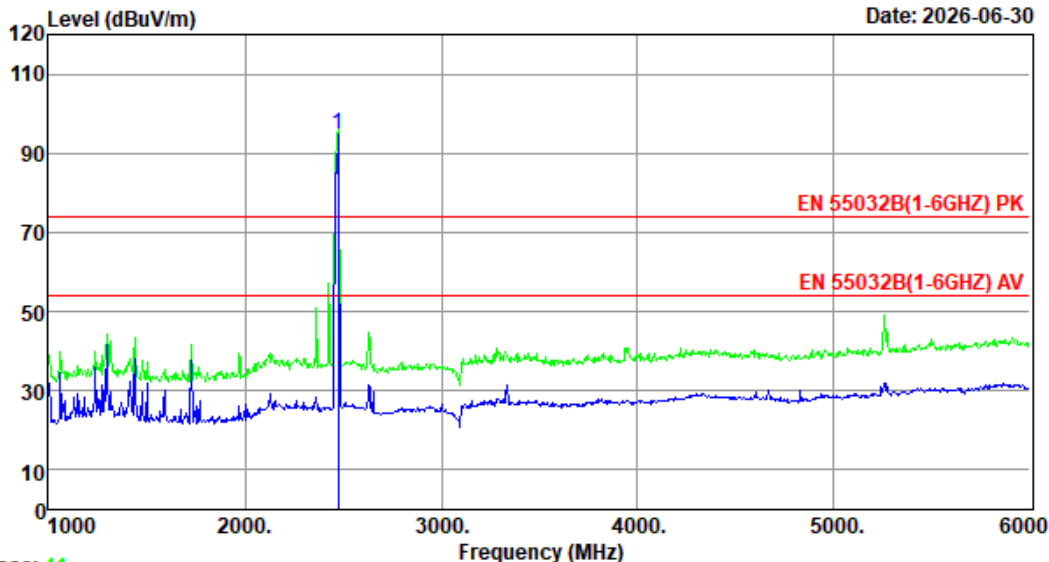
EST Technology

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

Data: 42

File: \\EMC-966-1\test data\2026\REPORT\JJing heng-1.EM6 (156)

Date: 2026-06-30



Trace: 41

Site no. : 1# 966 Chamber Data no. : 42
Dis. / Ant. : 3m 9120D-2667 1-18G Ant. pol. : VERTICAL
Limit : EN 55032B(1-6GHZ) PK
Env. / Ins. : Temp:22.9°C.Humi:58%;Press:101.1KPa
Engineer : Ted Deng
EUT : Digital Mixing Console
Power : DC 18V From Adapter Input AC 230V/50Hz
M/N : DMC24.12
Test Mode : INPUT+RCA IN+Bluetooth+OTG Record+AES-67
Sample No : EST-260615023-001

	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	2475.00	27.63	5.74	39.04	100.45	94.78	74.00	-20.78	2.4G TX

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

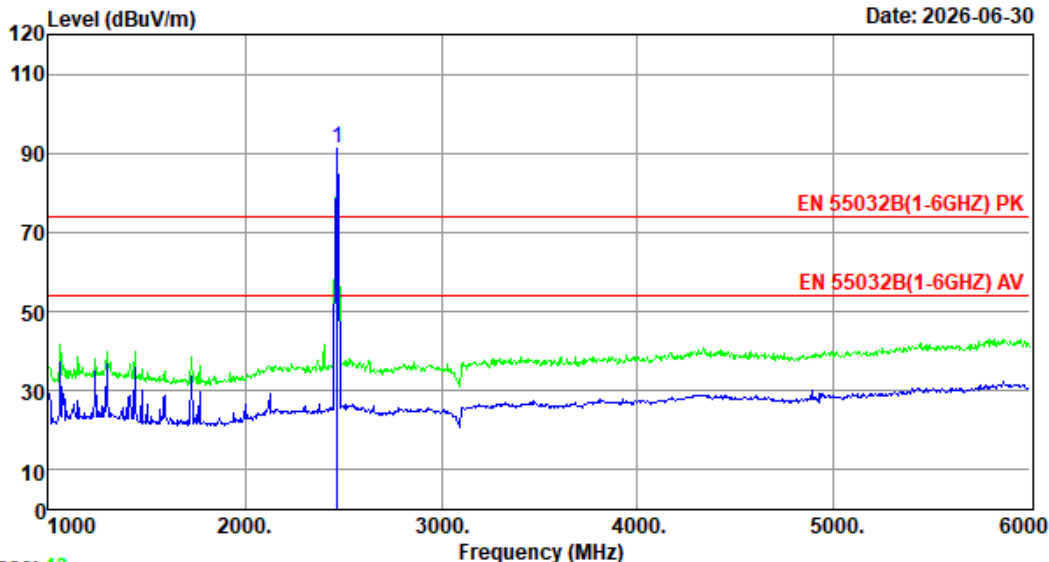
EST Technology

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

Data: 44

File: \\EMC-966-1\test data\2026\REPORT\JJing heng-1.EM6 (156)

Date: 2026-06-30



Site no. : 1# 966 Chamber Data no. : 44
Dis. / Ant. : 3m 9120D-2667 1-18G Ant. pol. : HORIZONTAL
Limit : EN 55032B(1-6GHZ) PK
Env. / Ins. : Temp:22.9°C.Humi:58%;Press:101.1kPa
Engineer : Ted Deng
EUT : Digital Mixing Console
Power : DC 18V From Adapter Input AC 230V/50Hz
M/N : DMC24.12
Test Mode : INPUT+RCA IN+Bluetooth+OTG Record+AES-67
Sample No : EST-260615023-001

	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	2470.00	27.57	5.71	39.05	97.20	91.43	74.00	-17.43	2.4G TX

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

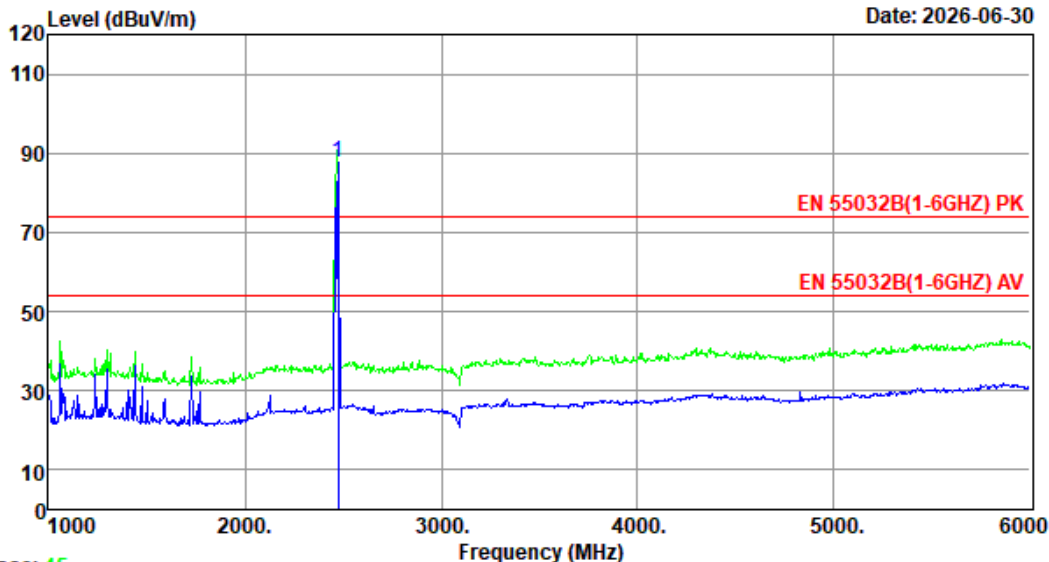
EST Technology

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

Data: 46

File: \\EMC-966-1\test data\2026\REPORT\JJing heng-1.EM6 (156)

Date: 2026-06-30



Trace: 45

Site no. : 1# 966 Chamber Data no. : 46
Dis. / Ant. : 3m 9120D-2667 1-18G Ant. pol. : HORIZONTAL
Limit : EN 55032B(1-6GHZ) PK
Env. / Ins. : Temp:22.9°C.Humi:58%;Press:101.1kPa
Engineer : Ted Deng
EUT : Digital Mixing Console
Power : DC 18V From Adapter Input AC 110V/60Hz
M/N : DMC24.12
Test Mode : INPUT+RCA IN+Bluetooth+OTG Record+AES-67
Sample No : EST-260615023-001

	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	2475.00	27.63	5.74	39.04	93.55	87.88	74.00	-13.88	2.4G TX

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

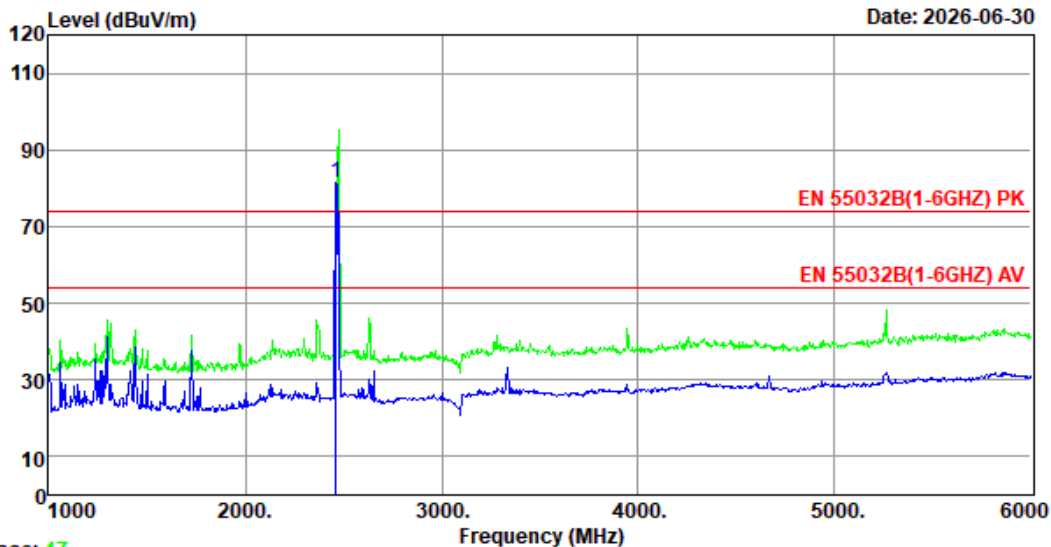
EST Technology

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

Data: 48

File: \\EMC-966-1\test data\2026\REPORT\JJing heng-1.EM6 (156)

Date: 2026-06-30



Trace: 47

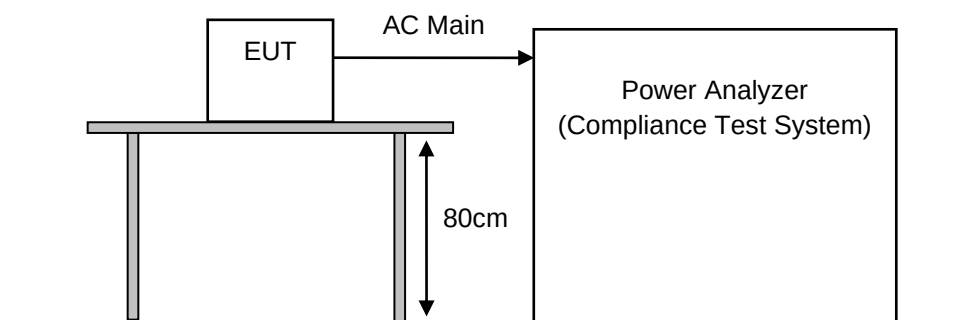
Site no. : 1# 966 Chamber Data no. : 48
Dis. / Ant. : 3m 9120D-2667 1-18G Ant. pol. : VERTICAL
Limit : EN 55032B(1-6GHZ) PK
Env. / Ins. : Temp:22.9°C.Humi:58%;Press:101.1KPa
Engineer : Ted Deng
EUT : Digital Mixing Console
Power : DC 18V From Adapter Input AC 110V/60Hz
M/N : DMC24.12
Test Mode : INPUT+RCA IN+Bluetooth+OTG Record+AES-67
Sample No : EST-260615023-001

	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	2460.00	27.57	5.71	39.07	87.48	81.69	74.00	-7.69	2.4G TX

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

4.5. Harmonic Current Emissions on AC Mains Test

RESULT : **N/A**
Test procedure : EN IEC 61000-3-2:2019+A1:2021+A2:2024
Measured harmonics : 1 to 40th
Limits : EN IEC 61000-3-2:2019+A1:2021+A2:2024



There is no need for Harmonics test to be performed on this product (rated power is less than 75W) in accordance with EN IEC 61000-3-2:2019+A1:2021+A2:2024

For further details, please refer to Clause 7 of EN IEC 61000-3-2:2019+A1:2021+A2:2024 which states:

“For the following categories of equipment, limits are not specified in this document:

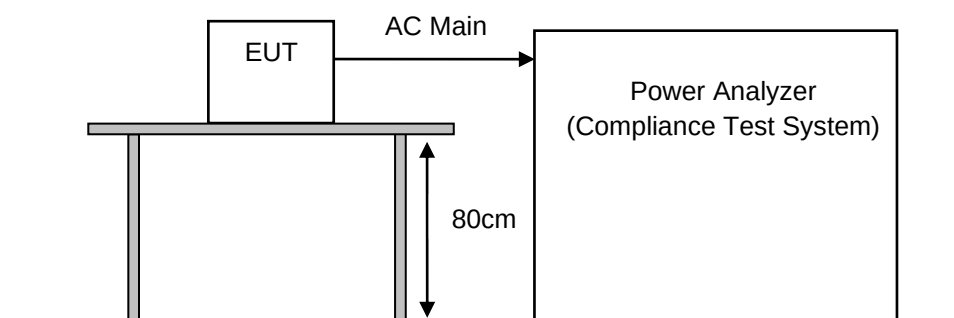
- lighting equipment with a rated power less than but not equal to 5 W;
- equipment with a rated power of 75 W or less, other than lighting equipment;
- professional equipment with a total rated power greater than 1 kW ”

4.6. Voltage Fluctuations and Flicker on AC Mains Test

RESULT : **Pass**(Please refer to the following page)

Test procedure : EN 61000-3-3:2013+A1:2019+A2:2021

Limits : EN 61000-3-3:2013+A1:2019+A2:2021



Test Data

Flicker Test Summary per IEC61000-3-3:2013/AMD1:2017 (Run time)

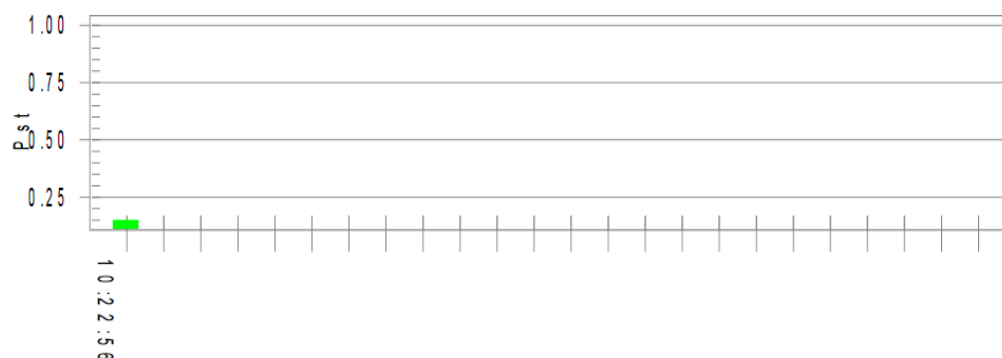
EUT: Digital Mixing Console M/N : DMC24.12
 Test category: All parameters (European limits)
 Test date: 2026/7/2 Start time: 10:12:35 End time: 10:23:02
 Test duration (min): 10 Data file name: F-000486.cts_data
 Comment: INPUT+RCA IN+Bluetooth+OTG Play Sample No: EST-260615023-001
 Customer: Dongguan Jingheng Electron Co.,Ltd.

Test Result: Pass

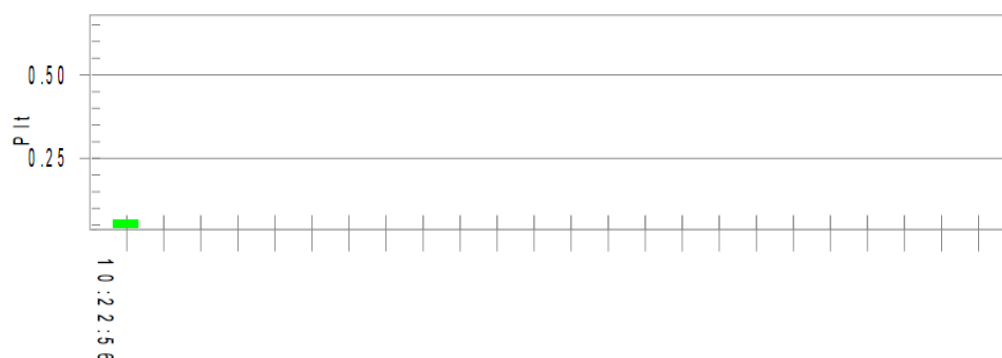
Status: Test Completed

Pst_i and limit line

European Limits



Plt and limit line



Parameter values recorded during the test:

Vrms at the end of test (Volt): 230.29

T-max (mS): 0

Highest dc (%): 0.00

Highest dmax (%): 0.00

Highest Pst (10 min. period): 0.149

Highest Plt (2 hr. period): 0.065

Test limit (mS): 500.0

Test limit (%): 3.30

Test limit (%): 4.00

Test limit: 1.000

Test limit: 0.650

Pass

Pass

Pass

Pass

Pass

5. IMMUNITY TEST RESULT

5.1. Description of Performance Criteria:

Performance criteria A

The equipment shall continue to operate as intended without operator intervention. No degradation of performance, loss of function or change of operating state is allowed below a performance level specified by the manufacturer when the equipment is used as intended. The performance level may be replaced by a permissible loss of performance. If the minimum performance level or the permissible performance loss is not specified by the manufacturer, then either of these may be derived from the product description and documentation, and by what the user may reasonably expect from the equipment if used as intended.

For audio output device: The measured acoustic interference ratio and/or the measured electrical interference during the test shall be -20dB or better (see note1)

Performance criteria B

During the application of the disturbance, degradation of performance is allowed. However, no unintended change of actual operating state or stored data is allowed to persist after the test.

After the test, the equipment shall continue to operate as intended without operator intervention; no degradation of performance or loss of function is allowed, below a performance level specified by the manufacturer, when the equipment is used as intended. The performance level may be replaced by a permissible loss of performance.

If the minimum performance level (or the permissible performance loss), or recovery time, is not specified by the manufacturer, then either of these may be derived from the product description and documentation, and by what the user may reasonably expect from the equipment if used as intended.

Performance criteria C

Loss of function is allowed, provided the function is self-recoverable, or can be restored by the operation of the controls by the user in accordance with the manufacturer's instructions. A reboot or re-start operation is allowed.

Information stored in non-volatile memory, or protected by a battery backup, shall not be lost.

Note: This performance criterion only using for Continuous induced RF disturbances and Continuous RF electromagnetic field disturbances item.

5.2. Electrostatic Discharge Immunity Test

RESULT	: Pass
Test procedure	: EN 55035:2017+A11:2020
Basic standard	: EN 61000-4-2:2009
Test specification	: +/-4.0 kV (Contact discharge) +/-8.0 kV (Air discharge)
Number of discharges	: ≥10(Air discharge for single polarity discharge) ≥10 (Contact discharge for single polarity discharge)
Polarity	: Positive/Negative
Performance criterion	: B

Test Setup

Date of test	: Jul. 02, 2026
Model No.	: DMC24.12
Input Voltage	: DC 18V From Adapter Input AC 230V/50Hz DC 18V From Adapter Input AC 110V/60Hz
Operation Mode	: INPUT+RCA IN+Bluetooth+OTG Play, INPUT+RCA IN+Bluetooth+OTG Record, INPUT+RCA IN+Bluetooth+OTG Play+Dante, INPUT+RCA IN+Bluetooth+OTG Record+Dante, INPUT+RCA IN+Bluetooth+OTG Play+AES-67, INPUT+RCA IN+Bluetooth+OTG Record+AES-67
Temperature	: 24.6°C
Humidity	: 52%
Pressure	: 101.10kPa

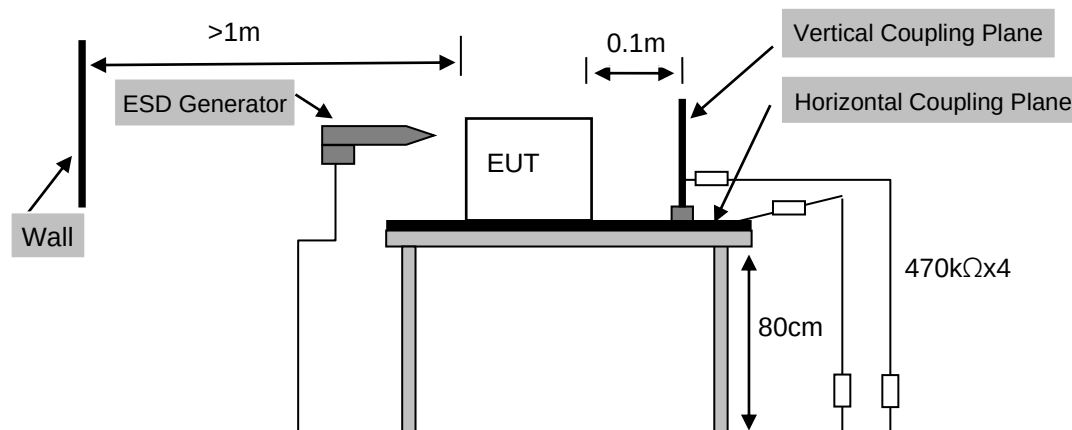


Table 1: Electrostatic Discharge Immunity Test Result

Discharge Location		Type of discharge	Result
HCP	4 points	Contact	Pass
VCP	4 points	Contact	Pass
IN	24 points	Contact	Pass
OUT	12 points	Contact	Pass
RCA	4 points	Contact	Pass
LAN	3 points	Contact	Pass
DC	1 point	Contact	Pass
USB	1 point	Contact	Pass
TYPE-C	1 point	Contact	Pass
PHONES	1 point	Contact	Pass
Pulley	9 points	Contact	Pass
Screw	80 points	Contact	Pass
Screen	1 point	Air	Pass
Key	20 points	Air	Pass

Remark:

1. The voice appeared noise during the test, but self-recoverable after the test.
2. Discharge should be considered on Contact and Air and Horizontal Coupling Plane (HCP) and Vertical Coupling Plane (VCP).

5.3. Radio Frequency Electromagnetic Field Immunity(R/S) Test

RESULT : Pass

Test procedure : EN 55035:2017+A11:2020

Basic standard : EN IEC 61000-4-3:2020

Frequency Range : 80 MHz to 1000MHz,
1800 MHz, 2600 MHz, 3500 MHz, 5000 MHz

Performance criterion : A

Test site : 866 Chamber

Test Setup

Date of test : Jul. 02, 2026

Model No. : DMC24.12

Input Voltage : DC 18V From Adapter Input AC 230V/50Hz
DC 18V From Adapter Input AC 110V/60Hz

Operation Mode : INPUT+RCA IN+Bluetooth+OTG Play,
INPUT+RCA IN+Bluetooth+OTG Record,
INPUT+RCA IN+Bluetooth+OTG Play+Dante,
INPUT+RCA IN+Bluetooth+OTG Record+Dante,
INPUT+RCA IN+Bluetooth+OTG Play+AES-67,
INPUT+RCA IN+Bluetooth+OTG Record+AES-67

Temperature : 25.3°C

Humidity : 51%

Pressure : 101.10kPa

The EUT and its auxiliary equipment were placed on a turn table which was 0.8 meter above the ground. The EUT was set 3 m away from the transmitting antenna which was mounted on an antenna tower. Both horizontal and vertical polarization of the antenna were set on test. Each of the four sides of EUT must be faced this transmitting antenna and measured individually.

In order to judge the EUT performance, a CCD camera was used to monitor EUT screen.

All the scanning conditions were as follows:

Condition of Test	Remarks
1. Field Strength	3 V/m (Severity Level 2)
2. Radiated Signal	1 kHz, 80% AM sine wave
3. Scanning Frequency	80 MHz to 1000 MHz, 1800MHz, 2600MHz, 3500MHz, 5000MHz
4. Step size	1%
5. Dwell Time	3 seconds

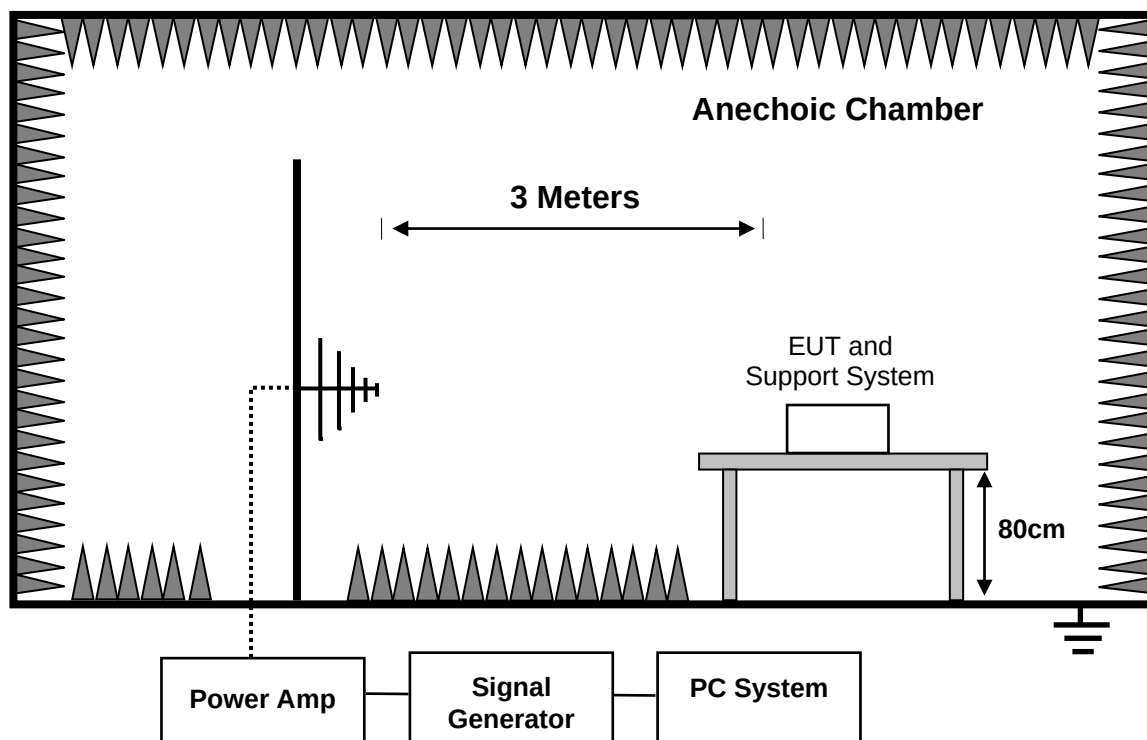


Table 2: Radio Frequency Electromagnetic Field Immunity Test Result

Field Strength (V/m)	Test Frequency (MHz)	Test mode (worst case)	Polarization of antenna	Reference Level	Audio output	Limit	Interference Ratio (worst case)
3	80 to 1000, 1800, 2600, 3500, 5000	INPUT+ RCA IN+ Bluetooth+ OTG Play+ Dante	H	75dBSPL	OUTPUT	$\leq$ -20dB	-31.2 dB
			V	75dBSPL	OUTPUT		-35.9 dB

5.4. Electrical Fast Transient/Burst Immunity Test

RESULT : Pass

Test procedure : EN 55035:2017+A11:2020
Basic standard : EN 61000-4-4:2012
Pulse form : Tr/Th = 5/50ns
Repetition Frequency : 5 kHz ; (100 kHz : only for single lines of xDSL equipment)
Test Duration : 120 s
Performance criterion : B

Test Setup

Date of test : Jul. 02, 2026
Model No. : DMC24.12
Input Voltage : DC 18V From Adapter Input AC 230V/50Hz
DC 18V From Adapter Input AC 110V/60Hz
Operation Mode : INPUT+RCA IN+Bluetooth+OTG Play,
INPUT+RCA IN+Bluetooth+OTG Record,
INPUT+RCA IN+Bluetooth+OTG Play+Dante,
INPUT+RCA IN+Bluetooth+OTG Record+Dante,
INPUT+RCA IN+Bluetooth+OTG Play+AES-67,
INPUT+RCA IN+Bluetooth+OTG Record+AES-67
Temperature : 25.3°C
Humidity : 51%
Pressure : 101.10kPa

The EUT and its auxiliary equipment were placed 0.1 m high above the ground reference plane which was a min. 2m*2m metallic sheet with 0.65mm minimum thickness. This reference ground plane shall project beyond the EUT by at least 0.1 m on all sides and the minimum distance between EUT and all other conductive structure, except the ground plane beneath the EUT, shall be more than 0.5m.

1. For power input port:

The EUT was connected to the power mains by using a coupling device which coupled the EFT interference signal to AC power lines. Both polarities of the test voltage were applied during compliance test and the duration of the test were 2mins.

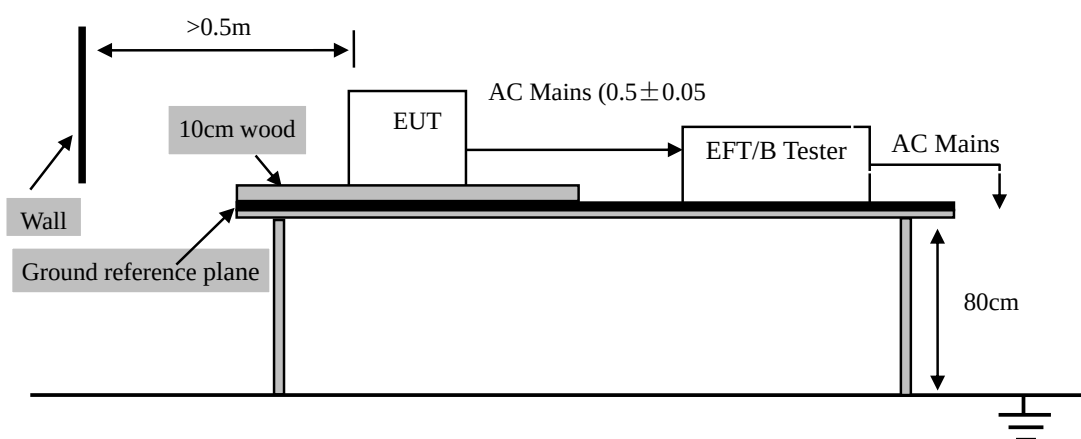


Table 3: Electrical Fast Transient/Burst Immunity Test Result

Coupling Ports		Coupling Voltage	Inject Method	Result
AC Power Ports	L	±1 kV	Direct	Pass
	N	±1 kV		Pass
	PE	±1 kV		Pass
	L-N	±1 kV		Pass
	L-PE	±1 kV		Pass
	N-PE	±1 kV		Pass
	L-N-PE	±1 kV		Pass
Signal Line		±0.5 kV	Pass	

Remark: The voice appeared noise during the test, but self-recoverable after the test.

5.5. Surge Immunity Test

RESULT : Pass

Test procedure : EN 55035:2017+A11:2020

Basic standard : EN 61000-4-5:2014+A1:2017

Pulse form : Tr/Td = 1.2/50us

Test Duration : 60 s

Performance criterion : B

Test Setup

Date of test : Jul. 02, 2026

Model No. : DMC24.12

Input Voltage : DC 18V From Adapter Input AC 230V/50Hz
DC 18V From Adapter Input AC 110V/60Hz

Operation Mode : INPUT+RCA IN+Bluetooth+OTG Play,
INPUT+RCA IN+Bluetooth+OTG Record,
INPUT+RCA IN+Bluetooth+OTG Play+Dante,
INPUT+RCA IN+Bluetooth+OTG Record+Dante,
INPUT+RCA IN+Bluetooth+OTG Play+AES-67,
INPUT+RCA IN+Bluetooth+OTG Record+AES-67

Temperature : 23.9°C

Humidity : 51%

Pressure : 101.20kPa

2Ω effective output impedance of the generator was used for L-N test. 12Ω effective output impedance of the generator was used for L-PE, N-PE test.

5 positive and 5 negative (polarity) tests were applied successively synchronized to the voltage phase 90°, 270° to L-N respectively. The repetition rate was 1 per minute during test.

1. For input and AC power ports:

The EUT was connected to the power mains by using a coupling device which coupled the surge interference signal to AC power lines. Both polarities of the test voltage should be applied during compliance test and the duration was 1 minute.

2. For signal lines and control lines ports:

None.

3. For DC input and DC output power ports:

None.

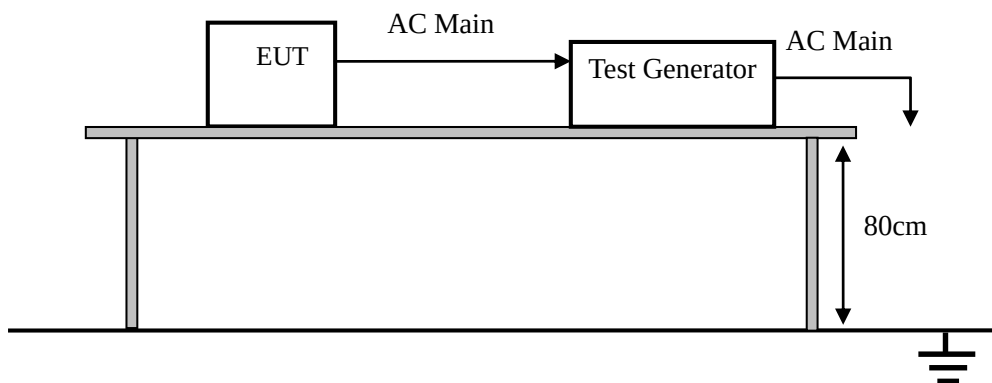


Table 4: Surge Immunity Test Result

Coupling Ports		Coupling Voltage	Coupling Phase / Result			
			0°	90°	180°	270°
AC power ports	L-N	+1 kV	----	Pass	----	----
		-1 kV	---	----	----	Pass
	L-PE	+2 kV	----	Pass	----	----
		-2 kV	---	----	----	Pass
	N-PE	+2 kV	----	Pass	----	----
		-2 kV	---	----	----	Pass

Remark: The voice appeared noise during the test, but self-recoverable after the test.

5.6. Injected Currents Susceptibility Test

RESULT : **Pass**
Test procedure : EN 55035:2017+A11:2020
Basic standard : EN IEC 61000-4-6:2023
Test specification : 3 Vr.m.s, 3 Vr.m.s - 1Vr.m.s, 1Vr.m.s,
AM 80%, 0.15 MHz to 10 MHz, 10 MHz to 30 MHz,
30 MHz to 80MHz
Performance criterion : A

Test Setup

Date of test : Jul. 02, 2026
Model No. : DMC24.12
Input Voltage : DC 18V From Adapter Input AC 230V/50Hz
DC 18V From Adapter Input AC 110V/60Hz
Operation Mode : INPUT+RCA IN+Bluetooth+OTG Play,
INPUT+RCA IN+Bluetooth+OTG Record,
INPUT+RCA IN+Bluetooth+OTG Play+Dante,
INPUT+RCA IN+Bluetooth+OTG Record+Dante,
INPUT+RCA IN+Bluetooth+OTG Play+AES-67,
INPUT+RCA IN+Bluetooth+OTG Record+AES-67
Temperature : 24.8°C
Humidity : 54%
Pressure : 101.10kPa

The EUT were placed on an insulating support 0.1m high above a ground reference plane. CDN (coupling and decoupling device) was placed on the ground plane about 0.3m from EUT. Cables between CDN and EUT were as short as possible, and their height above the ground reference plane were between 30 and 50 mm (where possible).

The frequency range was swept from 0.15 MHz - 10 MHz, 10 MHz – 30 MHz and 30 MHz – 80MHz using 3V, 3 V - 1V, 1V signal level, and with the disturbance signal 80% amplitude modulated with a 1KHz sine wave.

The rate of sweep shall not exceed 1.5×10^{-3} decades/s. Where the frequency was swept incrementally, the step size shall not exceed 1% of the start and thereafter 1% of the preceding frequency value.

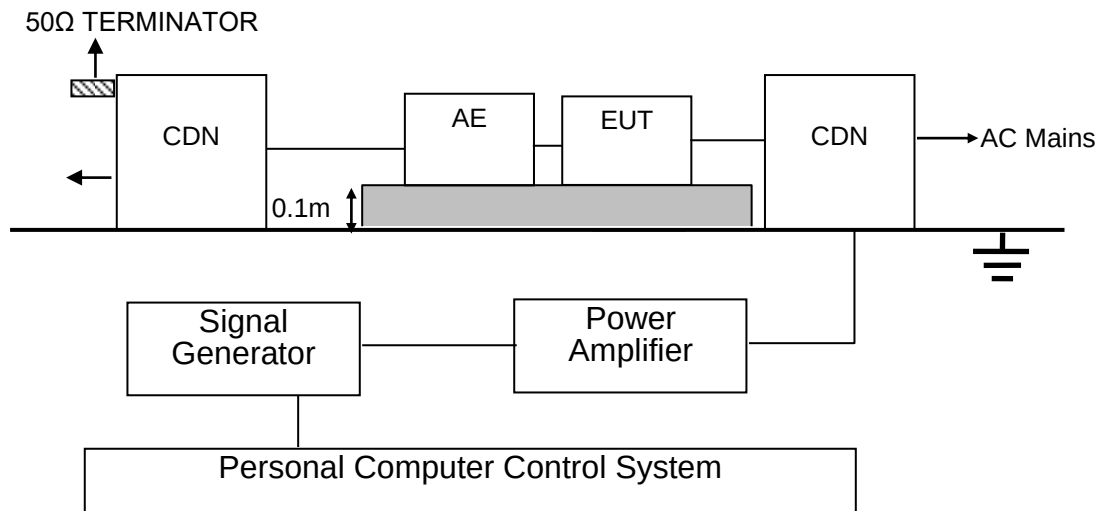


Table 5: Injected Currents Susceptibility Test Result

Voltage (V)	Test Frequency (MHz)	Test mode (worst case)	Injection Method	Reference Level	Audio output	Limit	Interference Ratio (worst case)
3	0.15 to 10	INPUT+ RCA IN+ Bluetooth+ OTG Play+ Dante	CDN-M3	75dBSPL	OUTPUT	$\leq$ -20dB	-39.5 dB
3 -1	10 to 30						-47.1 dB
1	30 to 80						-46.6 dB
3	0.15 to 10	INPUT+ RCA IN+ Bluetooth+ OTG Play+ Dante	EM Clamp	75dBSPL	OUTPUT	$\leq$ -20 dB	-50.1 dB
3 -1	10 to 30						-78.9 dB
1	30 to 80						-78.2 dB

5.7. Power Frequency Magnetic Field Immunity Test

RESULT : **Pass**
Test procedure : EN 55035:2017+A11:2020
Basic standard : EN 61000-4-8:2010
Test specification : 1 A/m
Performance criterion : A

Test Setup

Date of test : Jul. 02, 2026
Model No. : DMC24.12
Input Voltage : DC 18V From Adapter Input AC 230V/50Hz
DC 18V From Adapter Input AC 110V/60Hz
Operation Mode : INPUT+RCA IN+Bluetooth+OTG Play,
INPUT+RCA IN+Bluetooth+OTG Record,
INPUT+RCA IN+Bluetooth+OTG Play+Dante,
INPUT+RCA IN+Bluetooth+OTG Record+Dante,
INPUT+RCA IN+Bluetooth+OTG Play+AES-67,
INPUT+RCA IN+Bluetooth+OTG Record+AES-67
Temperature : 24.6°C
Humidity : 53%
Pressure : 101.20kPa

The EUT was subjected to the test magnetic field by using the induction coil of standard dimensions (1m*1m). The induction coil then was rotated by 90° in order to expose the EUT to the test field with different orientations.

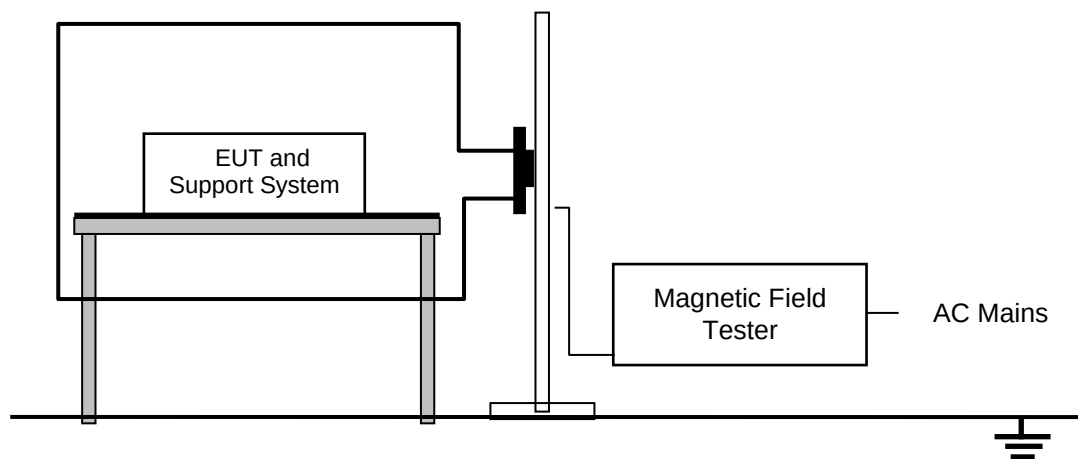


Table 6: Power Frequency Magnetic Field Immunity Test Result

Test Level	Testing Duration	Coil Orientation	Criterion	Result
1 A/m	5 mins	X	A	Pass
1 A/m	5 mins	Y	A	Pass
1 A/m	5 mins	Z	A	Pass

Remark: There was no change compared with initial operation during the test.

5.8.Voltage Dips and Short Interruptions Immunity Test

RESULT : **Pass**
Test procedure : EN 55035:2017+A11:2020
Basic standard : EN IEC 61000-4-11:2020
Test specification : 0%UT ; 0.5P, Criterion: B
70%UT; 25P/30P, Criterion: C
0%UT; 250P/300P, Criterion: C

Test Setup

Date of test : Jul. 02, 2026
Model No. : DMC24.12
Input Voltage : DC 18V From Adapter Input AC 230V/50Hz
DC 18V From Adapter Input AC 110V/60Hz
Operation Mode : INPUT+RCA IN+Bluetooth+OTG Play,
INPUT+RCA IN+Bluetooth+OTG Record,
INPUT+RCA IN+Bluetooth+OTG Play+Dante,
INPUT+RCA IN+Bluetooth+OTG Record+Dante,
INPUT+RCA IN+Bluetooth+OTG Play+AES-67,
INPUT+RCA IN+Bluetooth+OTG Record+AES-67
Temperature : 24.2°C
Humidity : 48%
Pressure : 101.10kPa

The interruptions was introduced at selected phase angles with specified duration.

Recorded any degradation of performance.

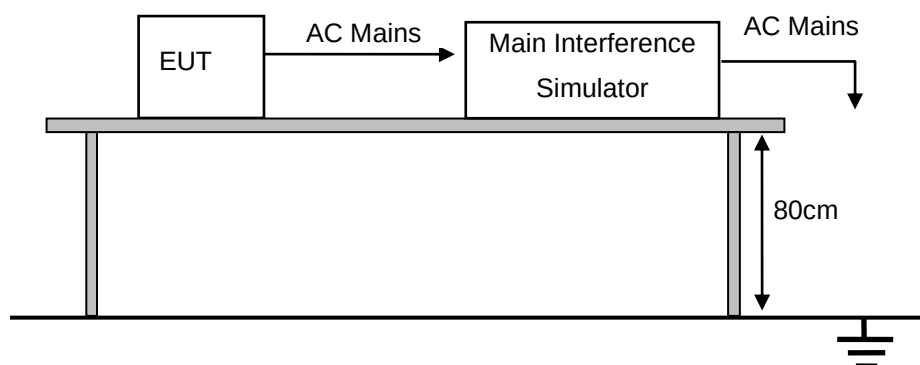


Table 7: Voltage Dips and Short Interruptions Immunity Test Result AC 230V/50Hz

Test Level % UT	Voltage Dips & Short Interruptions % UT	Duration (in period)	Criterion	Result
0	100	0.5P	B	PASS
70	30	25P	C	PASS
0	100	250P	C	PASS

Remark: The EUT was stopped during the test, but recoverable by user after the test.

Table 8: Voltage Dips and Short Interruptions Immunity Test Result AC 110V/60Hz

Test Level % UT	Voltage Dips & Short Interruptions % UT	Duration (in period)	Criterion	Result
0	100	0.5P	B	PASS
70	30	30P	C	PASS
0	100	300P	C	PASS

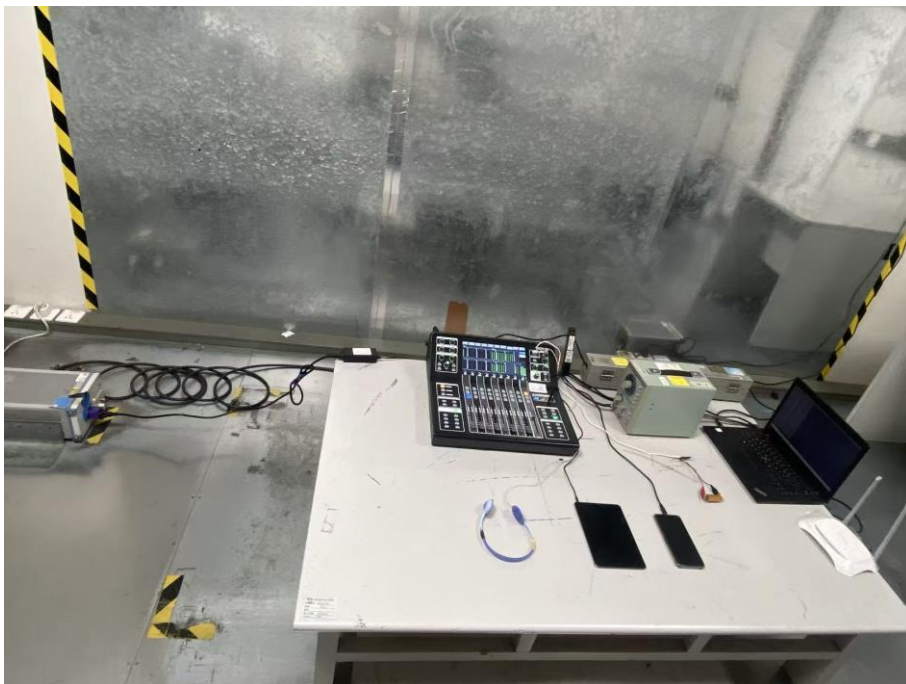
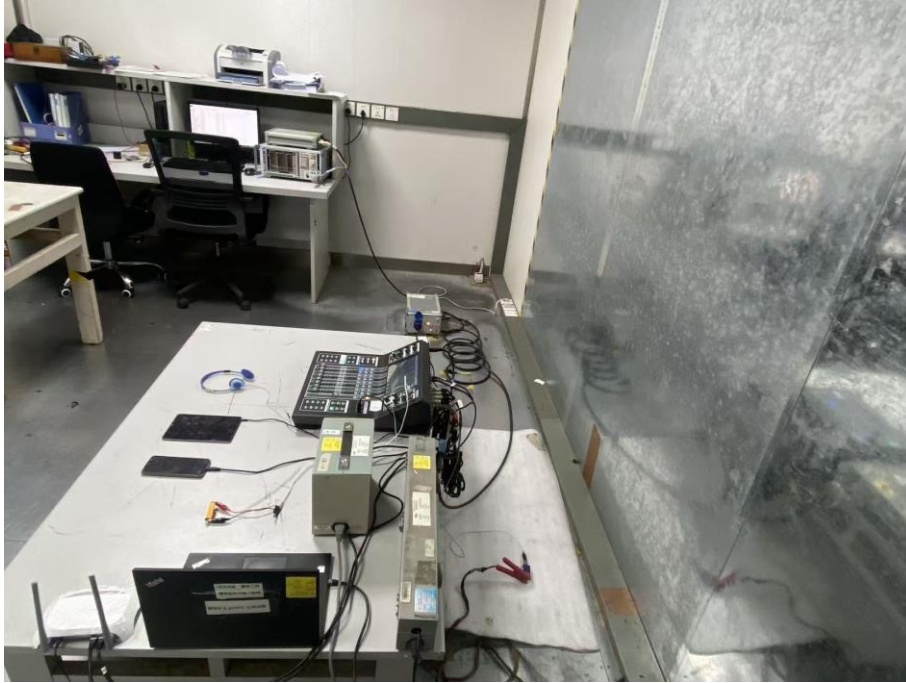
Remark: The EUT was stopped during the test, but recoverable by user after the test.

6. PHOTOGRAPHS OF TEST SET-UP

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



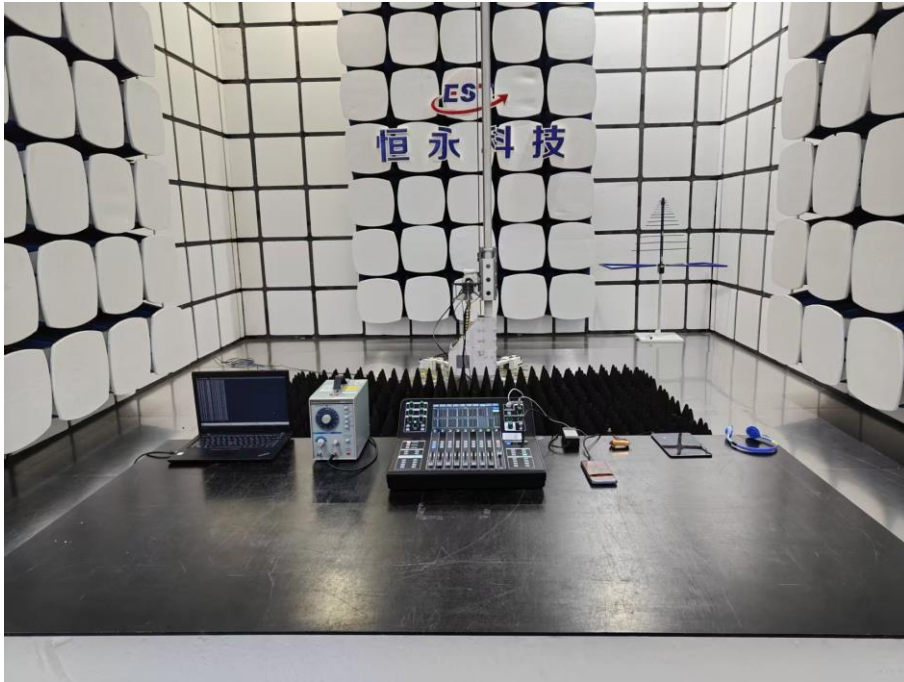
6.2. Set-up for Asymmetric Mode Conducted Emissions Test



6.3.Set-up for Radiated Emission Test



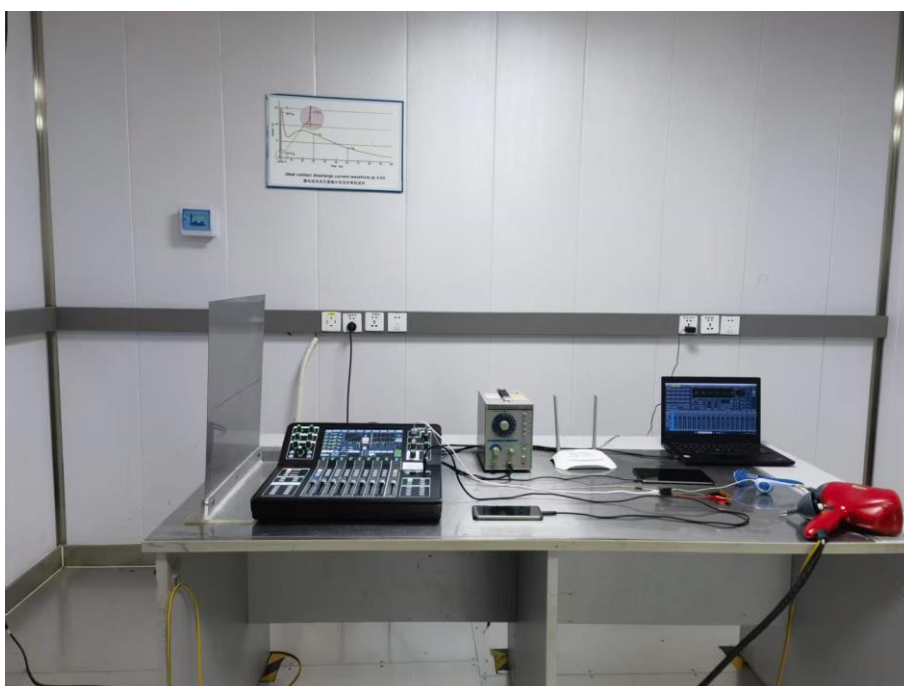
6.4.Set-up for Radiated Emission Test(above 1GHz)



6.5.Set-up for Harmonic Current Emissions and Flicker on AC Mains Test



6.6.Set-up for Electrostatic Discharge Immunity Test



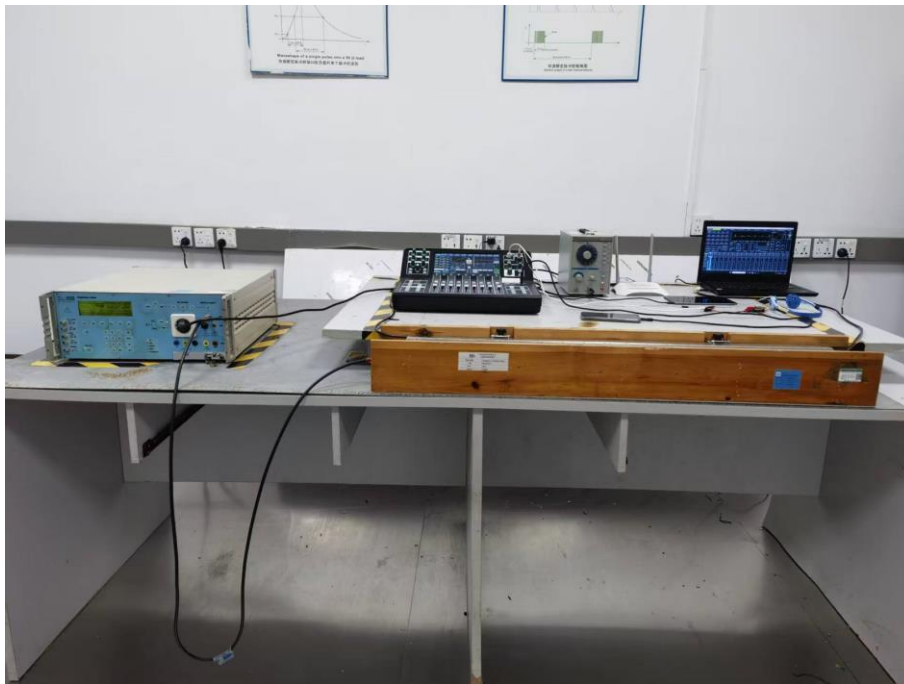
6.7.Set-up for Radio Frequency Electromagnetic Field Immunity(R/S) Test



6.8.Set-up for Electrical Fast Transient/Burst Immunity Test



AC Port

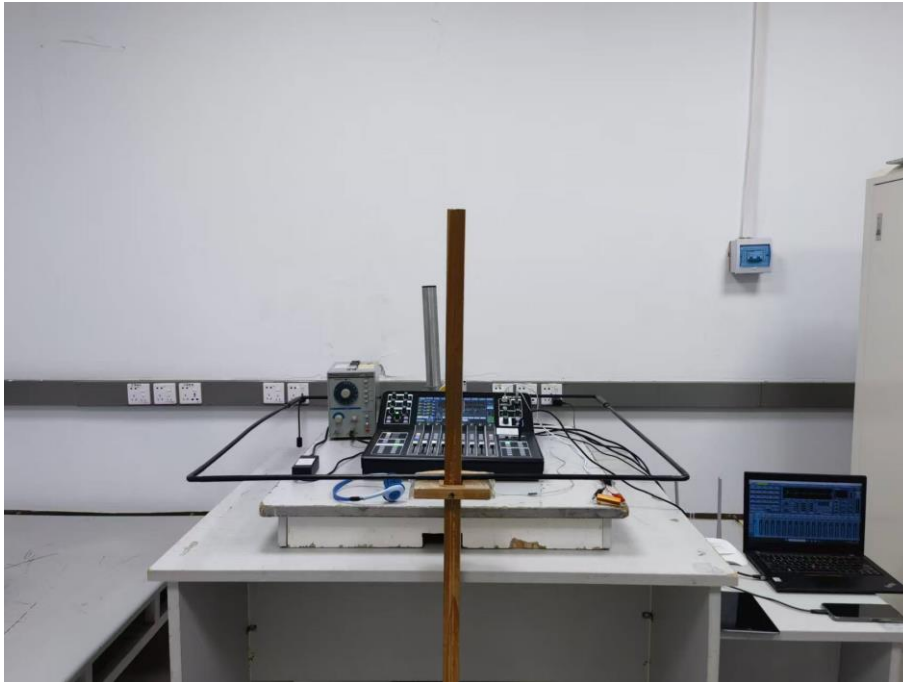


Signal Port

6.9.Set-up for Surge Immunity Test



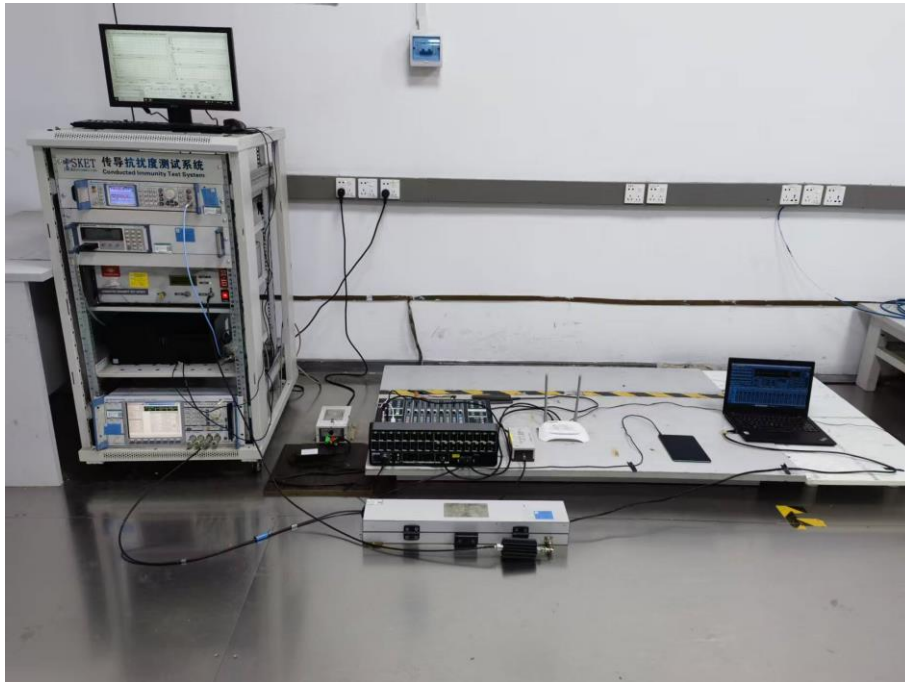
6.10. Set-up for Power Frequency Magnetic Field Immunity Test



6.11. Set-up for Injected Currents Susceptibility Test



AC Port



Signal Port

6.12.Set-up for Voltage Dips and Short Interruptions Immunity Test



7. 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
General Appearance of the EUT



Figure 5
General Appearance of the EUT



Figure 6
General Appearance of the EUT



Figure 7
General Appearance of the EUT



Figure 8
General Appearance of the EUT



Figure 9
General Appearance of the EUT

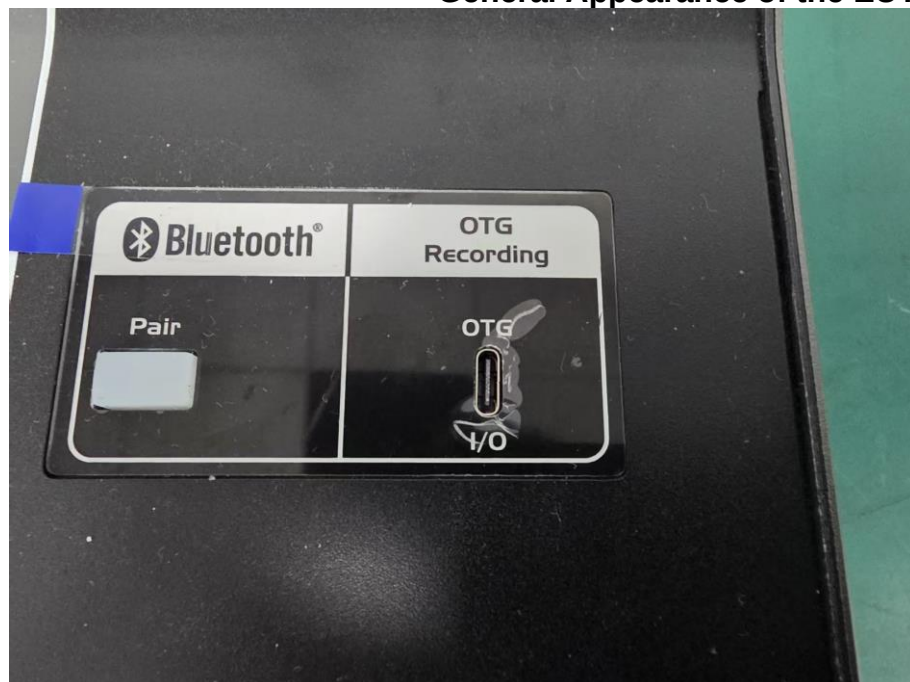


Figure 10
General Appearance of the EUT



Figure 11
Inside View of the EUT

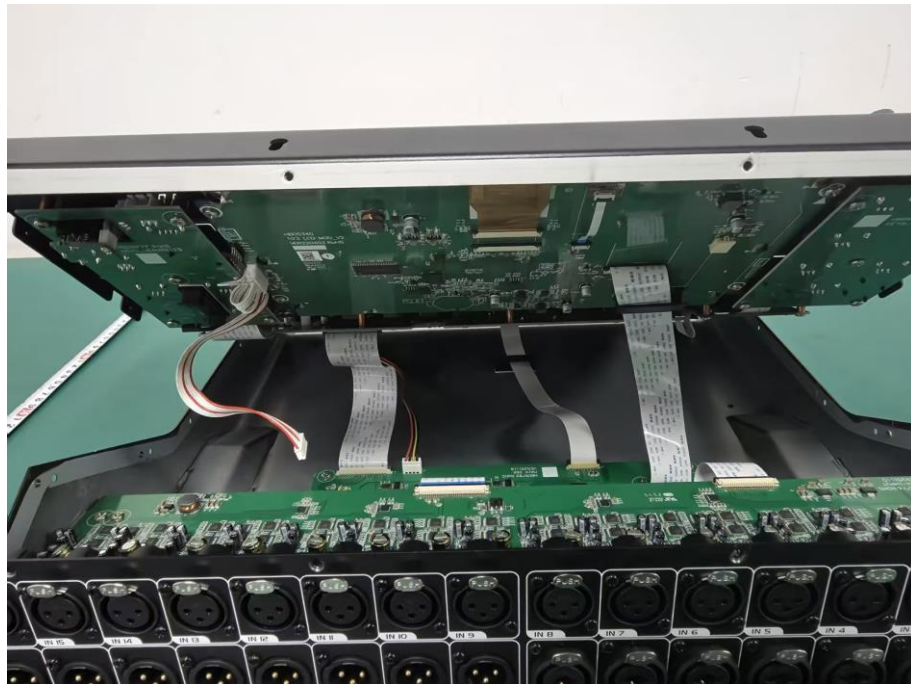


Figure 12
Inside View of the EUT

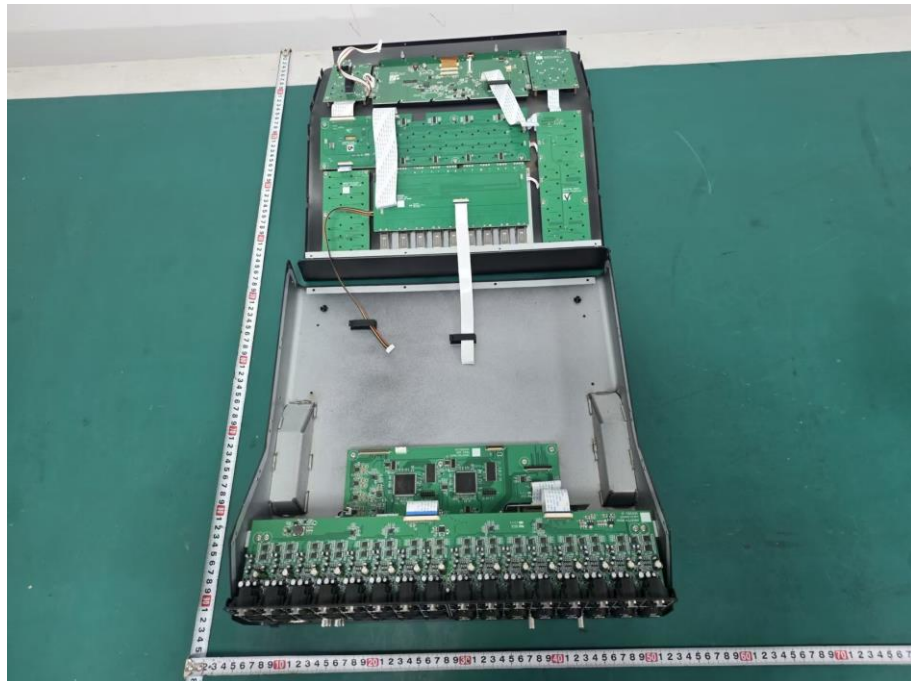


Figure 13
Inside View of the EUT



Figure 14
Inside View of the EUT

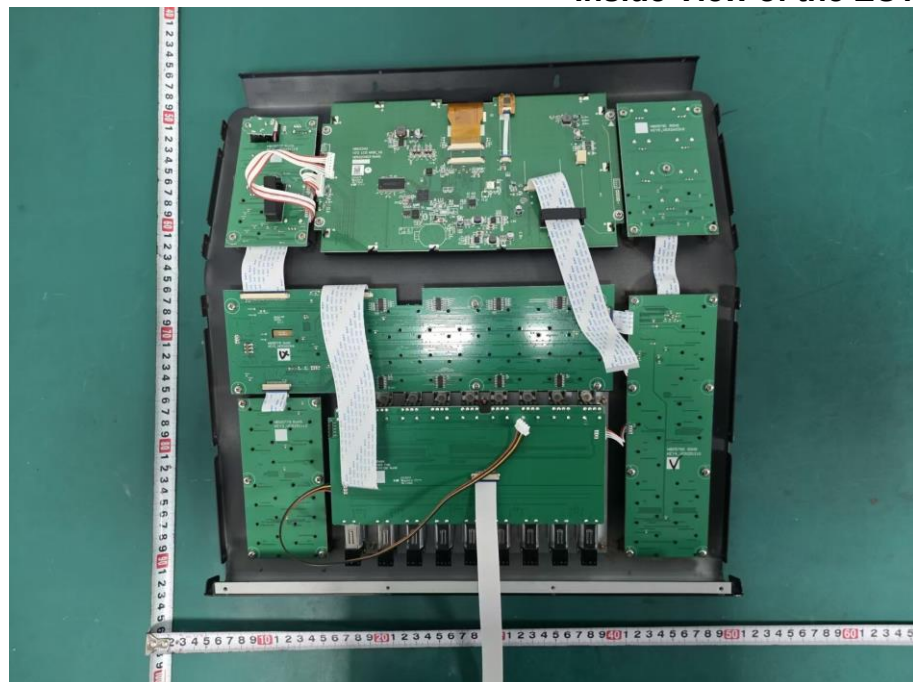


Figure 15
Inside View of the EUT

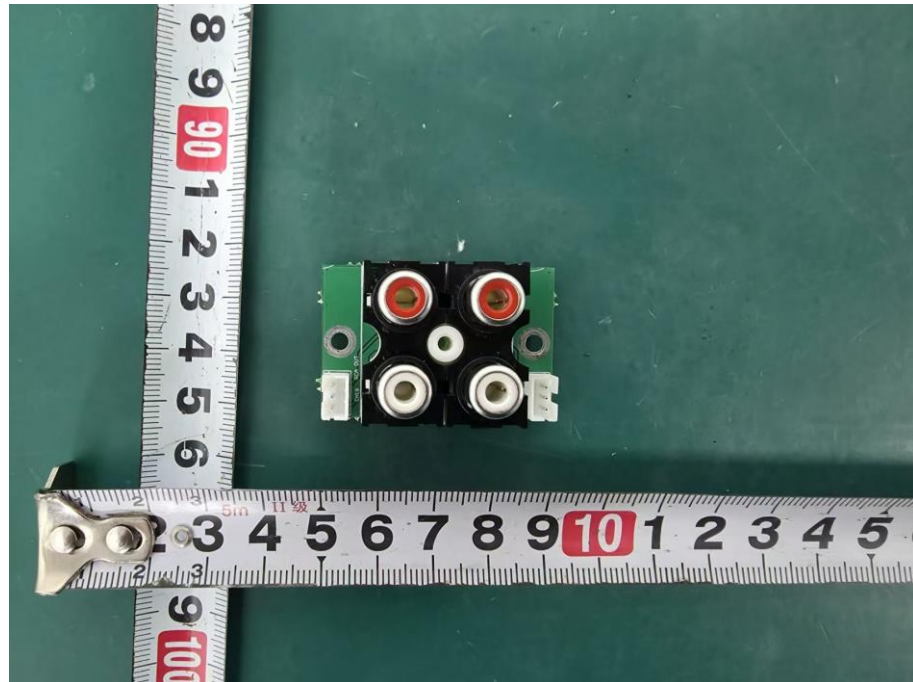


Figure 16
Inside View of the EUT

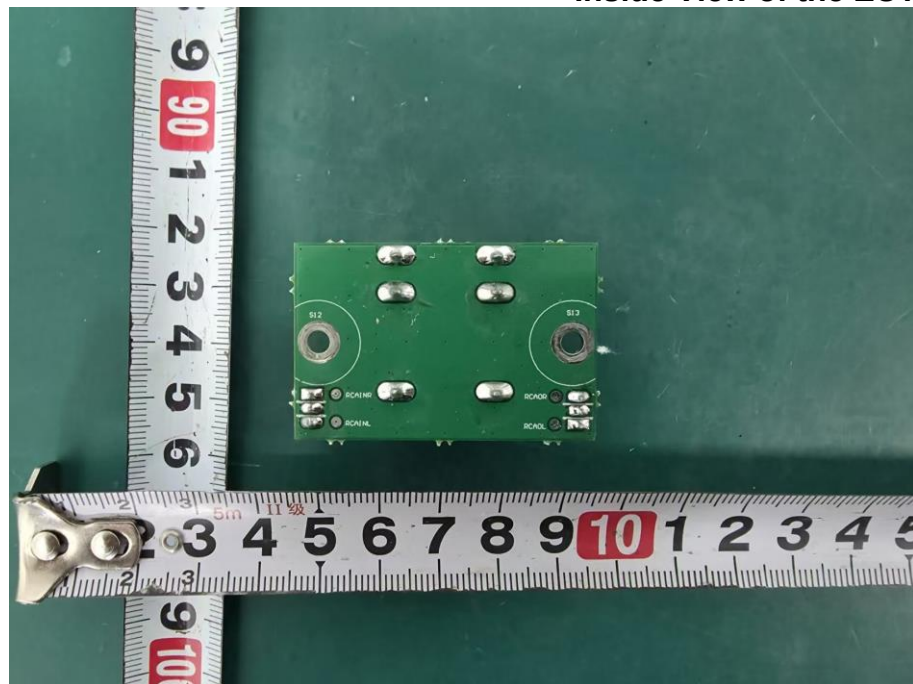


Figure 17
Inside View of the EUT

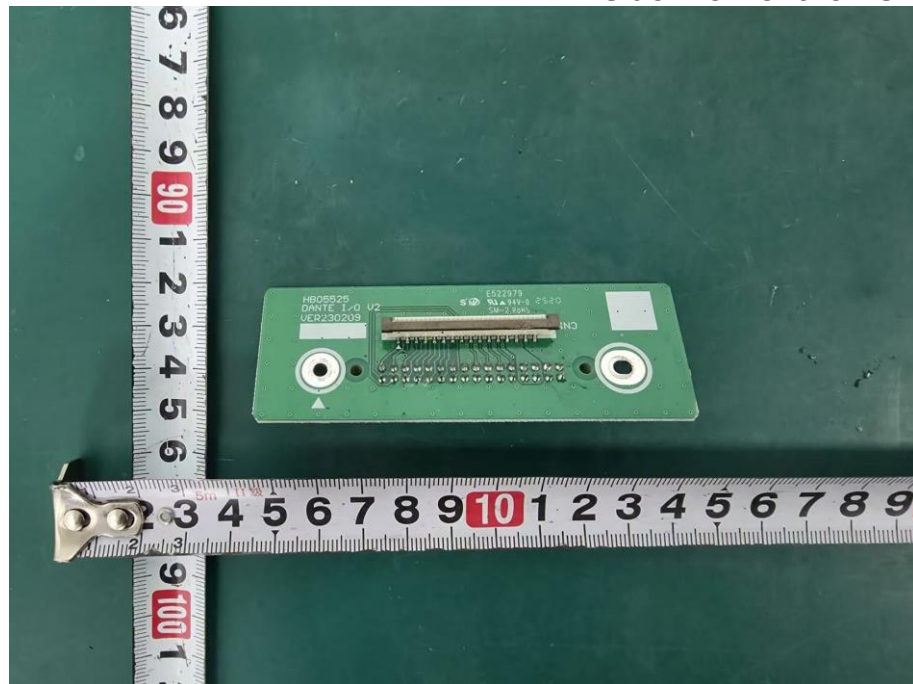


Figure 18
Inside View of the EUT

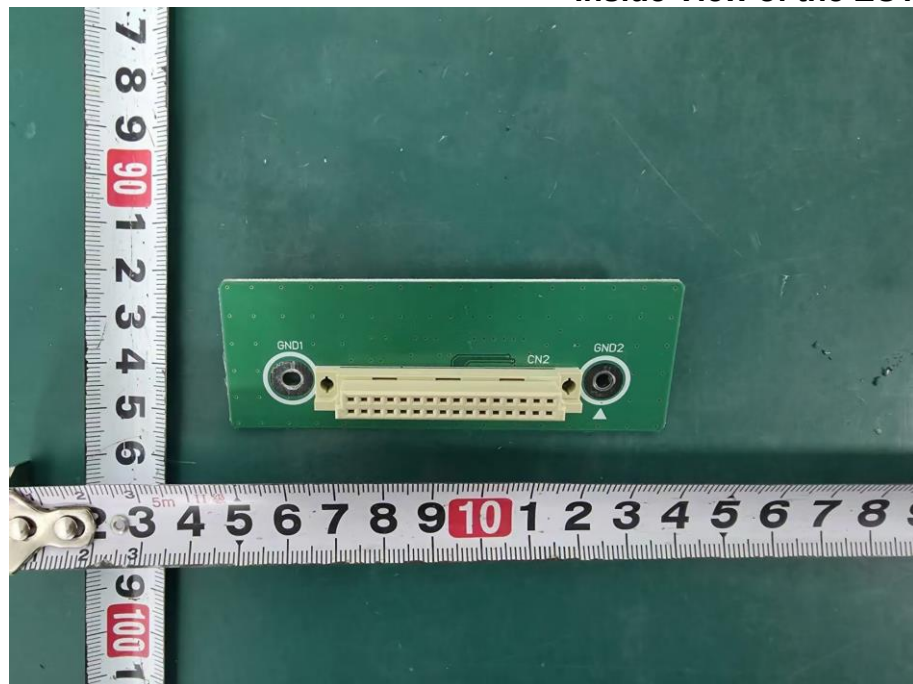


Figure 19
Inside View of the EUT

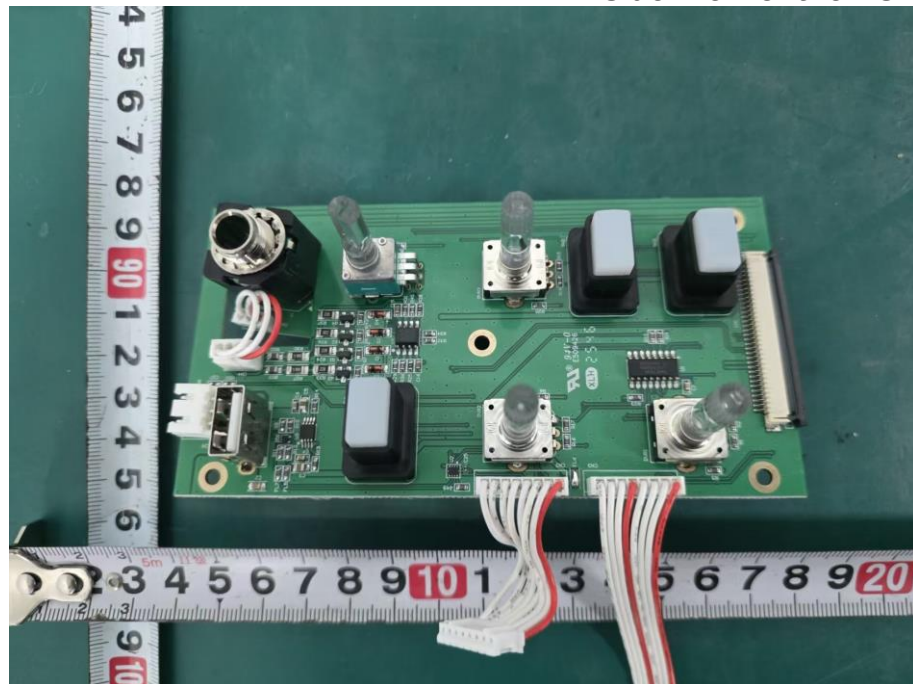


Figure 20
Inside View of the EUT

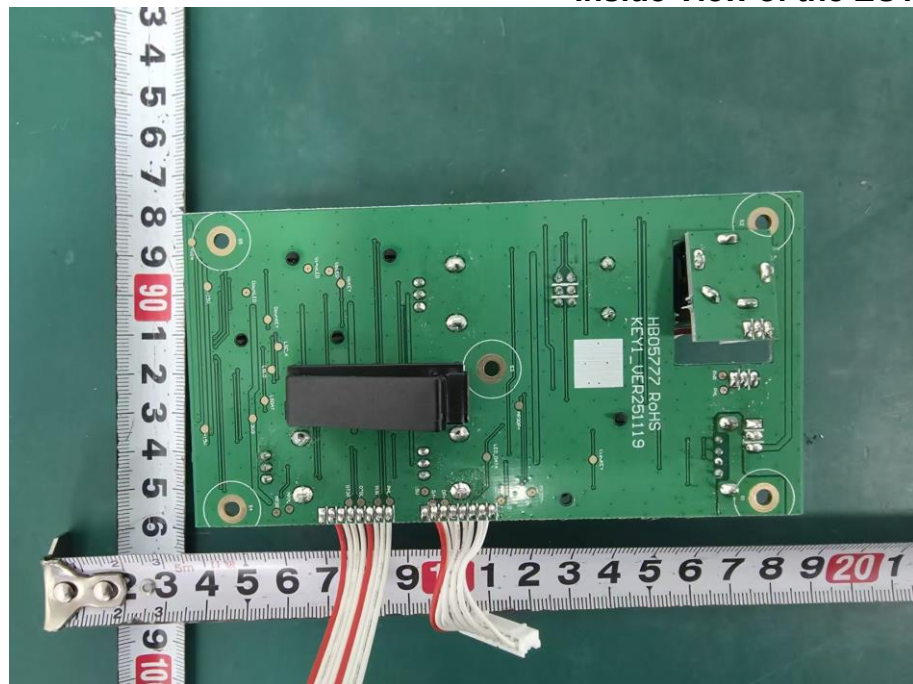


Figure 21
Inside View of the EUT

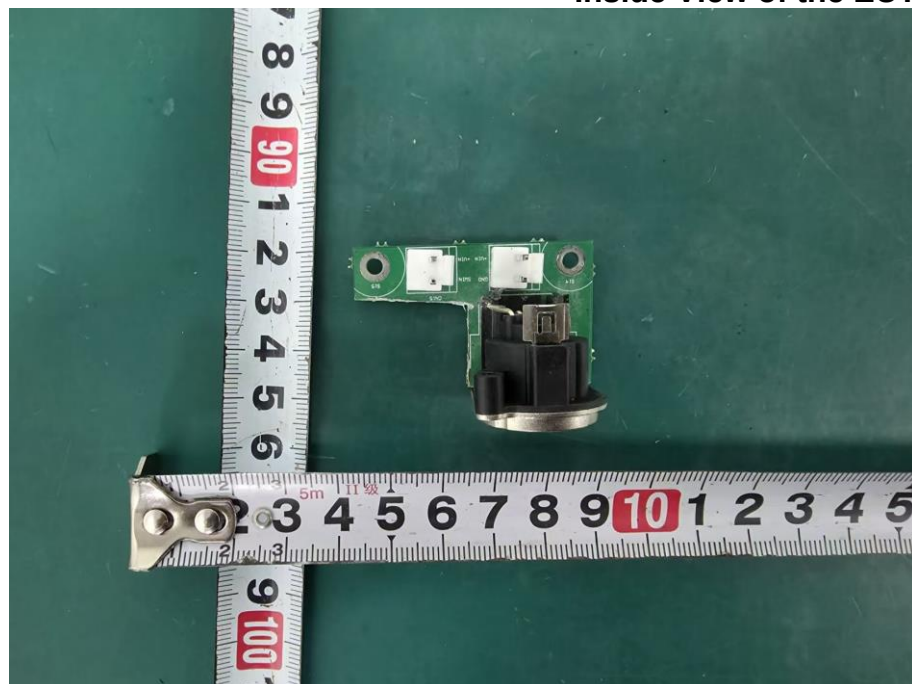


Figure 22
Inside View of the EUT

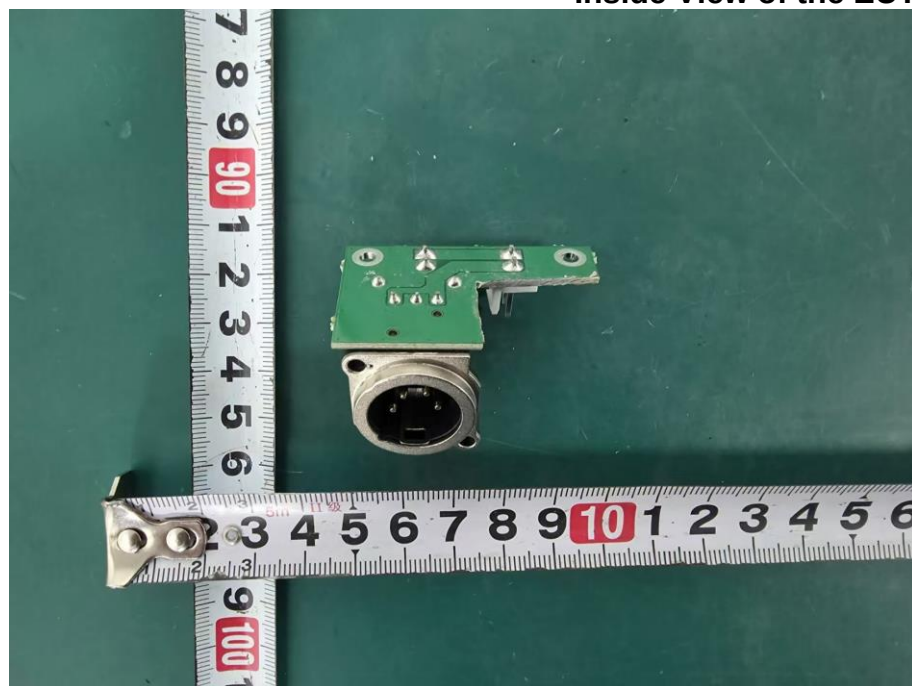


Figure 23
Inside View of the EUT

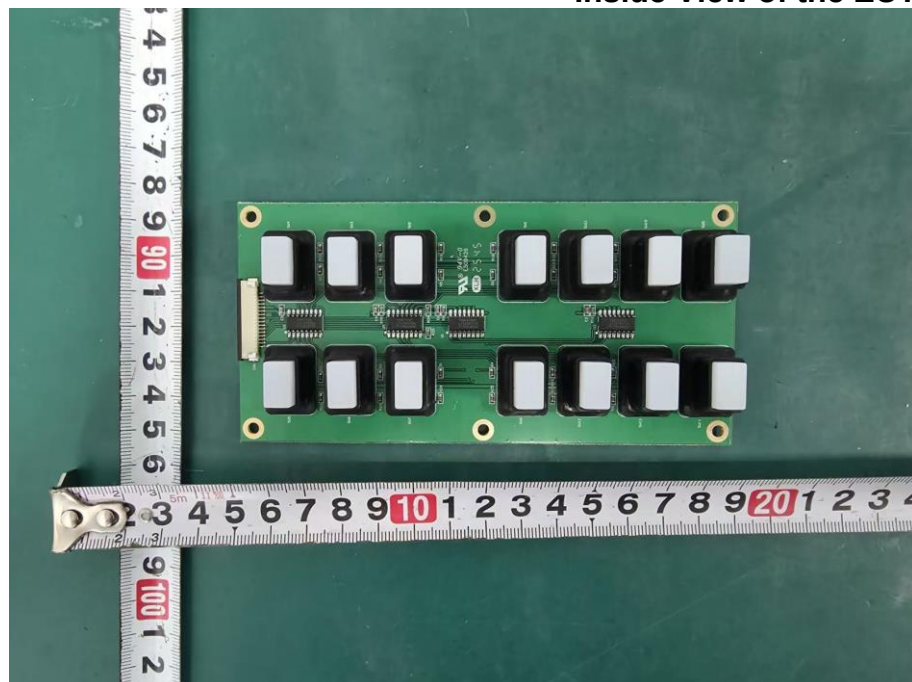


Figure 24
Inside View of the EUT

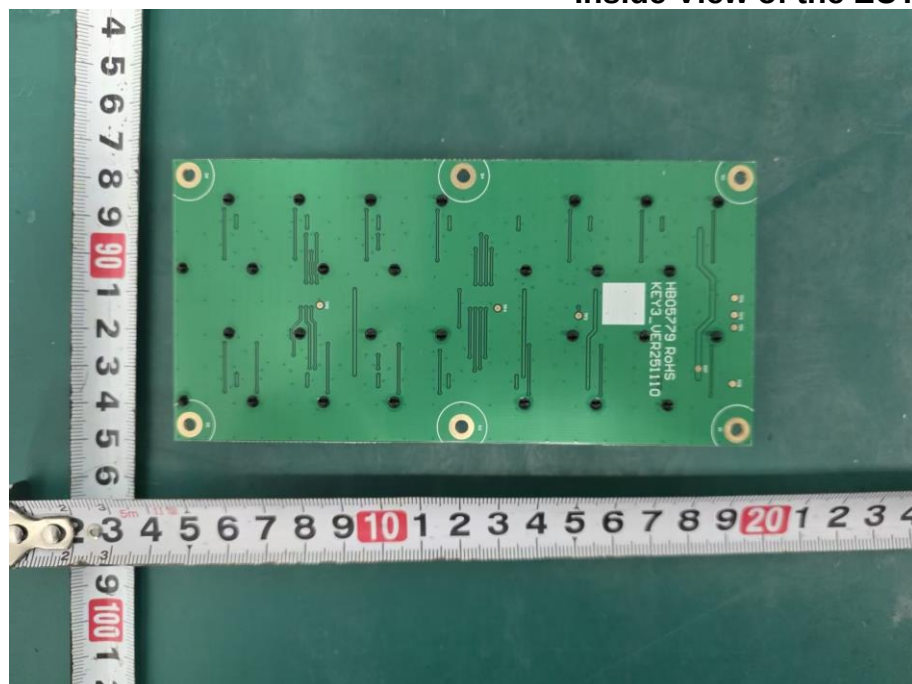


Figure 25
Inside View of the EUT

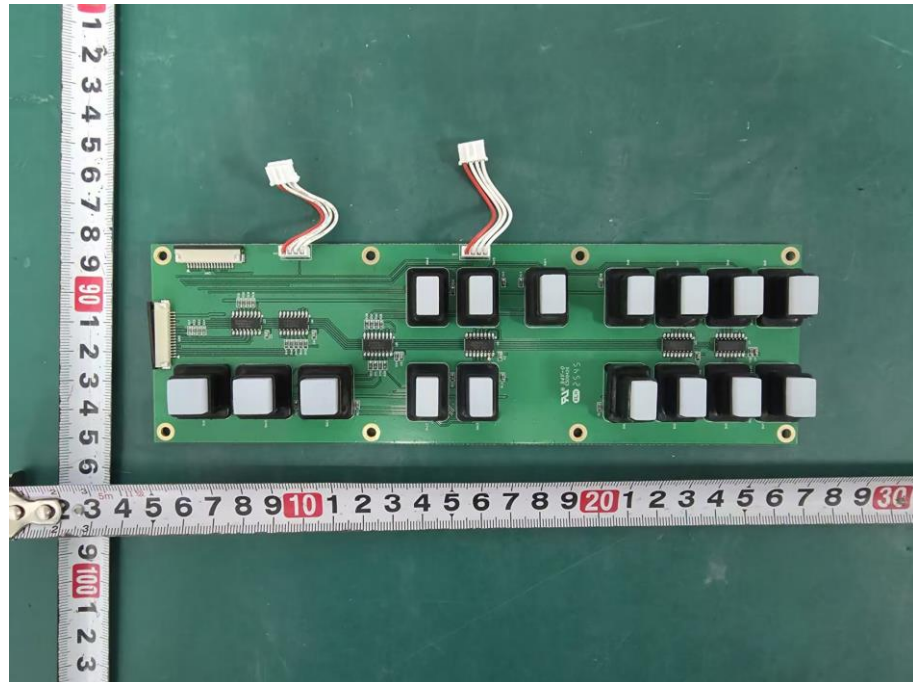


Figure 26
Inside View of the EUT

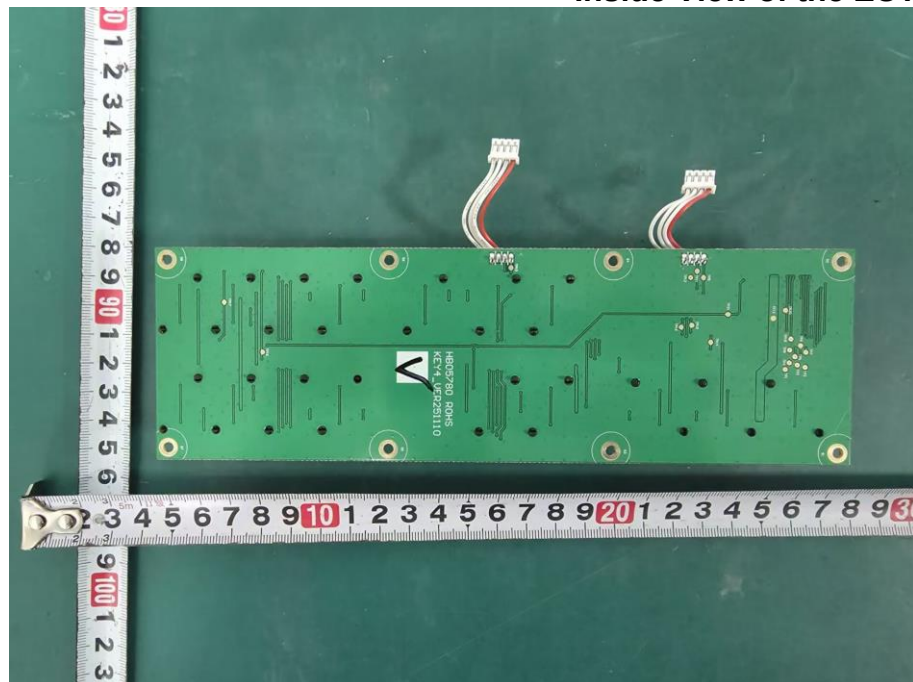


Figure 27
Inside View of the EUT

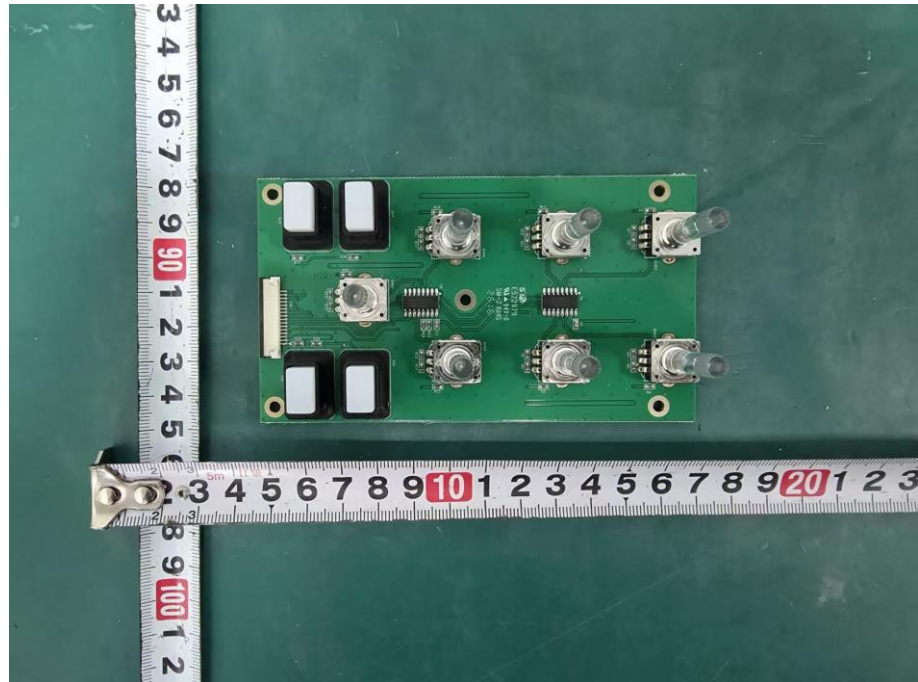


Figure 29
Inside View of the EUT

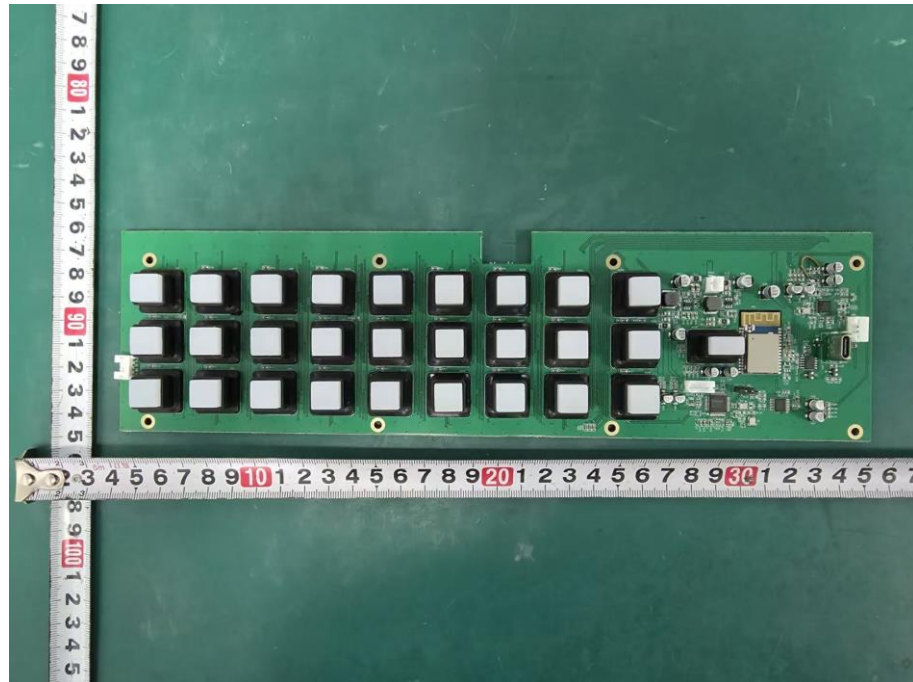


Figure 30
Inside View of the EUT

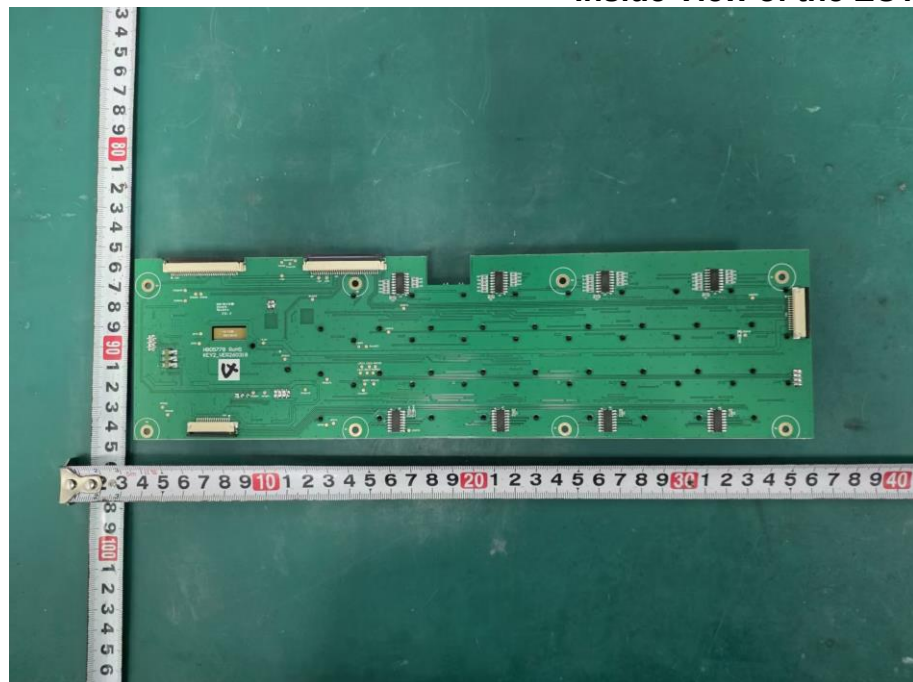


Figure 31
Inside View of the EUT

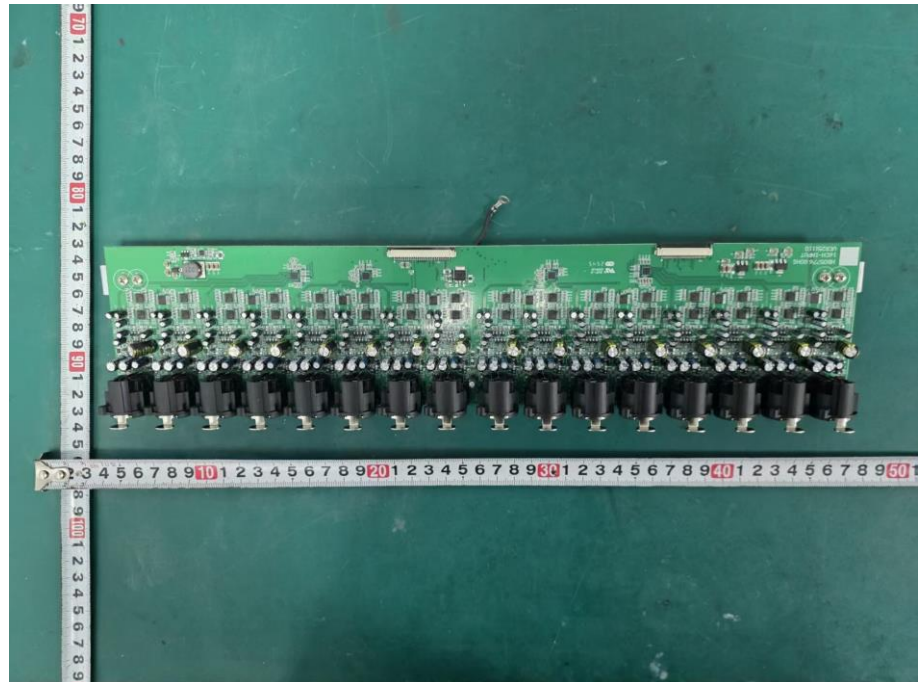


Figure 32
Inside View of the EUT



Figure 33
Inside View of the EUT

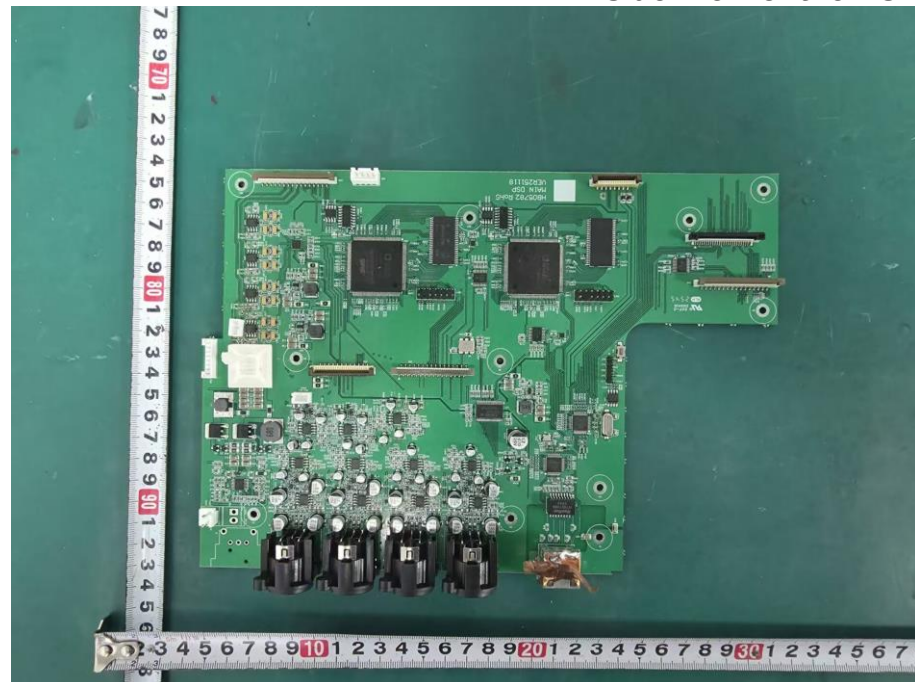


Figure 34
Inside View of the EUT

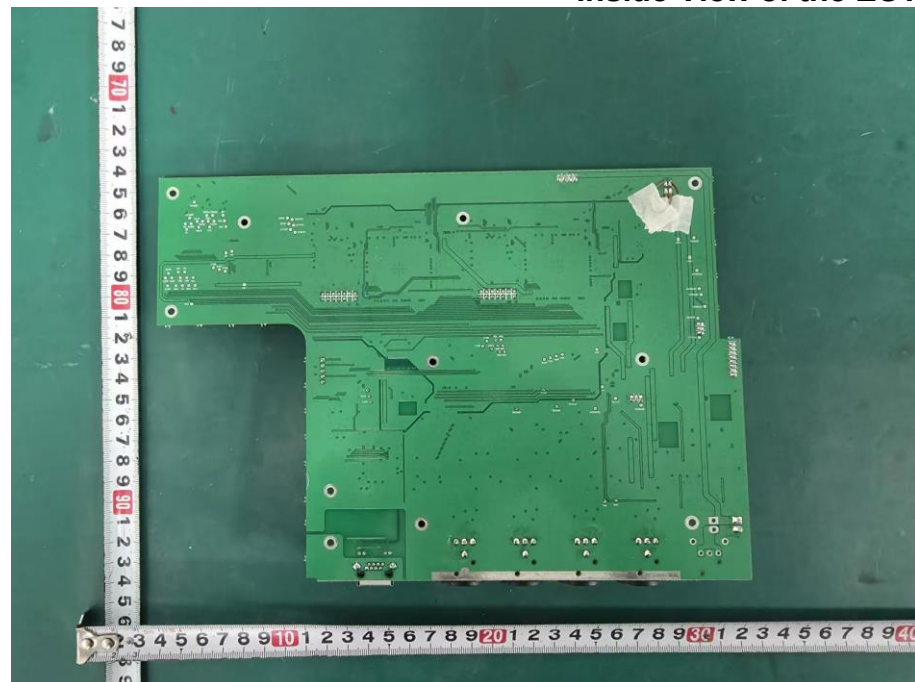


Figure 35
Inside View of the EUT

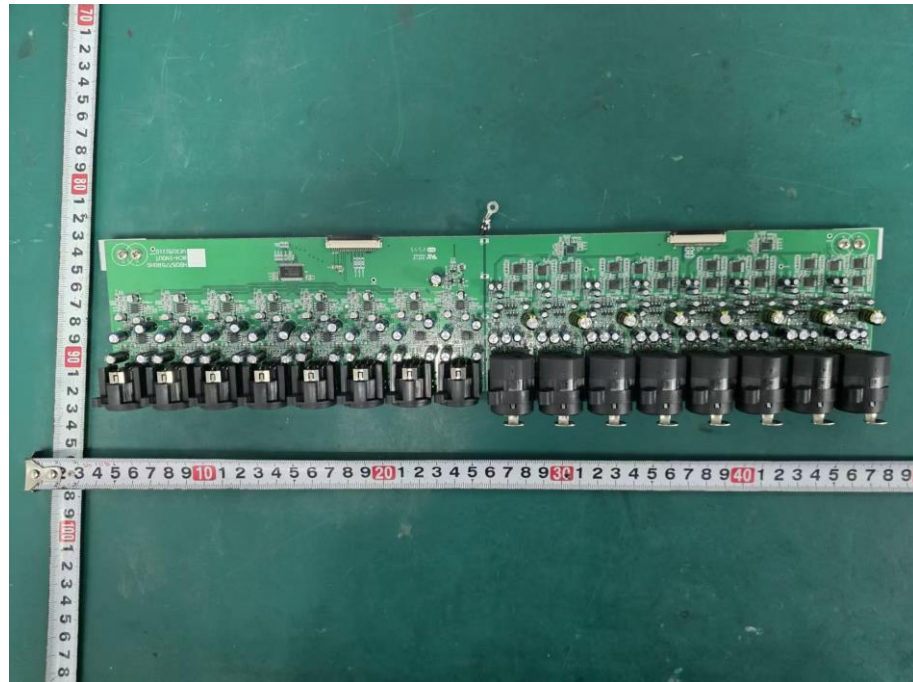


Figure 36
Inside View of the EUT



Figure 37
Inside View of the EUT

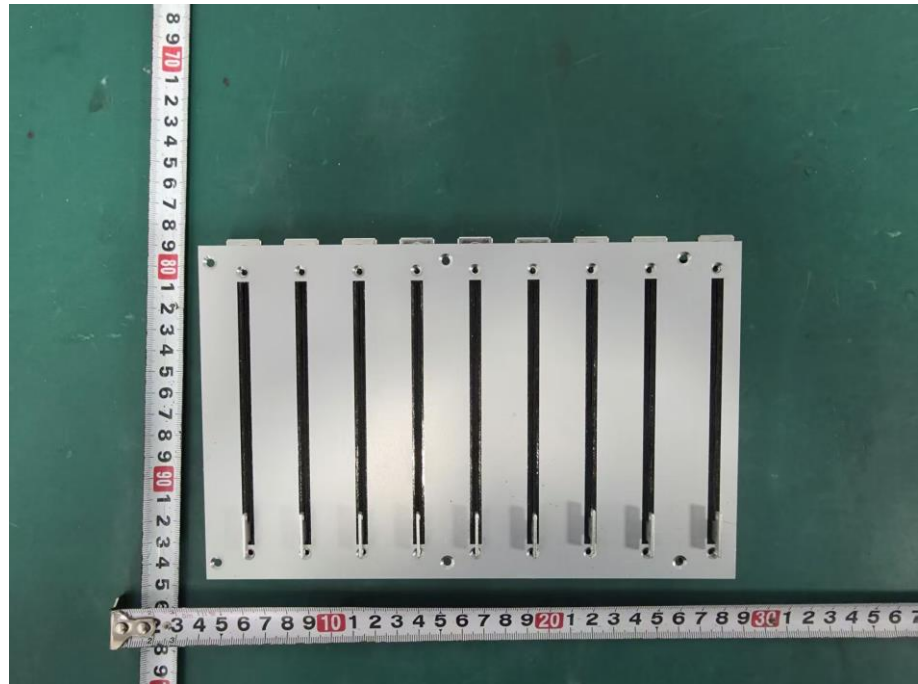


Figure 38
Inside View of the EUT

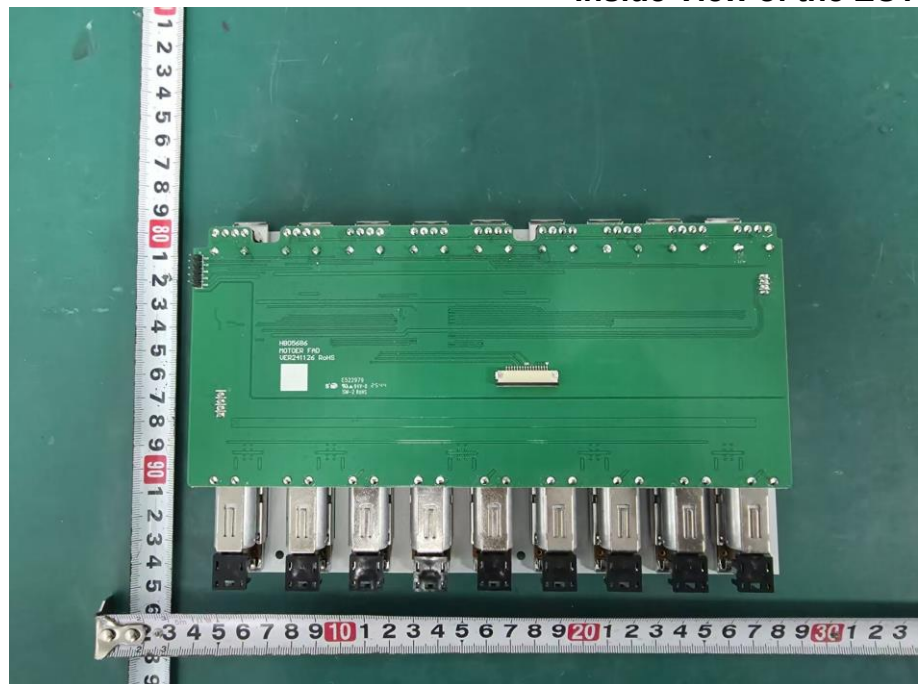


Figure 39
Inside View of the EUT

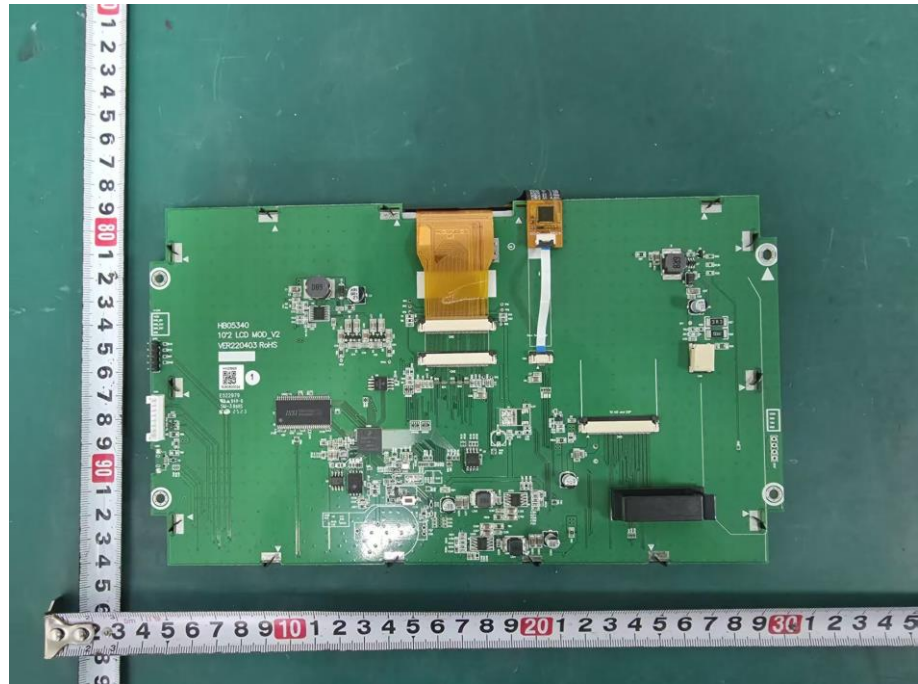


Figure 40
Inside View of the EUT

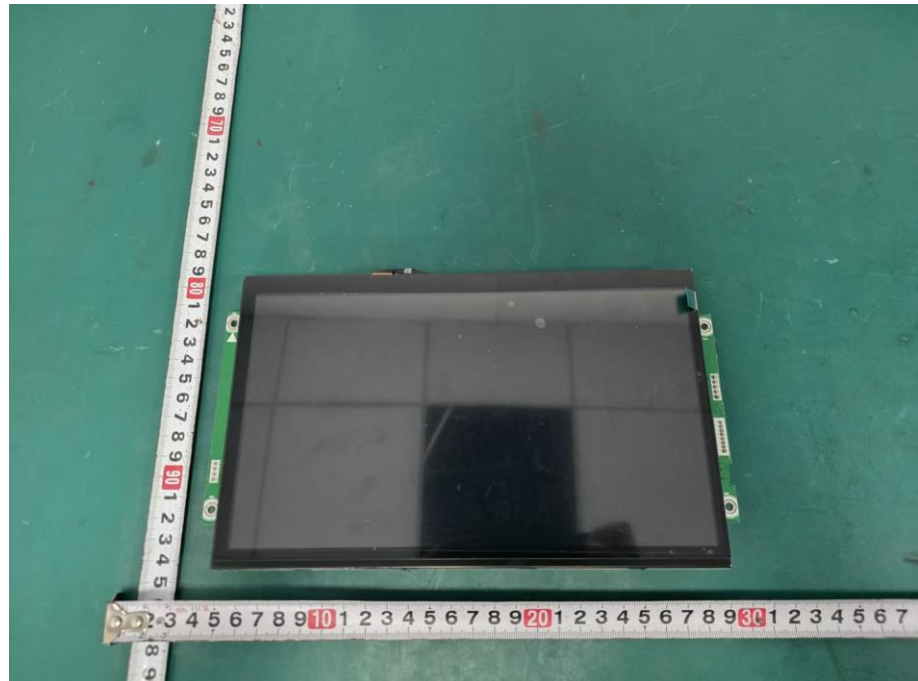


Figure 41
General Appearance of the EUT



Figure 42
General Appearance of the EUT



Figure 43
General Appearance of the EUT



End of Test Report