

ETSI EN300 328 RADIO TEST REPORT

For

Dongguan Jingheng Electron Co., Ltd.

Digital Mixing Console

Model Number: DMC24.12

Additional Model: DM24.12C

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
Prepared By:	EST Technology Co., Ltd.
	Chilingxiang, Qishantou, Santun, Houjie, Dongguan, Guangdong, China
Tel: 86-769-83081888-808	

Report Number:	ESTE-R2607157
Date of Test:	Jun. 15, 2026 to Jul. 07, 2026
Date of Report:	Jul. 09, 2026

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Applicant: Address:	Dongguan Jingheng Electron Co., Ltd. Room 101, Building 1, No.15, Shenle 1st Road, Hengli Town, Dongguan City, 523465 Guangdong, P.R. China		
Manufacturer: Address:	Dongguan Jingheng Electron Co., Ltd. Room 101, Building 1, No.15, Shenle 1st Road, Hengli Town, Dongguan City, 523465 Guangdong, P.R. China		
E.U.T:	Digital Mixing Console		
Model Number:	DMC24.12		
Additional Model:	DM24.12C Note: They are identical except for the model name and trade name.		
Power Supply:	DC 18V From Adapter Input AC 100-240V, 50/60Hz		
Trade Name:	SHOW, TOPP PRO	Sample No.:	EST-260615023-001
Date of Receipt:	Jun. 15, 2026	Date of Test:	Jun. 15, 2026 to Jul. 07, 2026
Test Specification:	ETSI EN 300 328 V2.2.2: 2019-07		
Test Result:	The device described above is tested by EST Technology Co., Ltd.. The measurement results were contained in this test report and EST Technology Co.,Ltd. was assumed full responsibility for the accuracy and completeness of these measurements. Also, this report shows that the EUT to be technically compliance with the ETSI EN 300 328 requirements. This report applies to above tested sample only and shall not be reproduced in part without written approval of EST Technology Co., Ltd. Date: Jul. 18, 2026		

Prepared by:

Reviewed by:

Approved by:

Ring Yang / Assistant

Seven Wang/ Engineer

Iceman Hu / Manager

Other Aspects: N/A

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 INFORMATION

1.1. Description of Device (EUT)

Product Name	:	Digital Mixing Console
Model Number	:	DMC24.12
Module Model Number	:	HJ-7188
Software Version	:	N/A
Hardware Version	:	N/A
Operation frequency	:	2402MHz~2480MHz
Number of channel	:	40
Modulation	:	GFSK
Transmit Data Rate	:	1Mbps
Operating Temperature Range	:	0°C~+45°C
Sample Type	:	Prototype production
Note: The product information is provided by the manufacturer. The laboratory is not responsible for this data.		

2.SUMMARY OF MEASUREMENTS AND RESULTS

Harmonized Standard ETSI EN300 328				
The following essential requirements and test specifications are relevant to the presumption of conformity under Article 3.2 of the Radio Equipment Directive 2014/53/EU				
No	Test Parameter	Clause No	Condition	Results
1	RF Output Power	4.3.1.2 or 4.3.2.2	Apply all equipment	N/A
2	Power Spectral Density	4.3.2.3	Only for non-FHSS equipment	N/A
3	Duty Cycle ,Tx-Sequence, Tx-gap	4.3.1.3 or 4.3.2.4	Only for non-Adaptive equipment	N/A
4	Accumulated Transmit Time, Frequency Occupation & Hopping Sequence	4.3.1.4	Only for FHSS equipment	N/A
5	Hopping Frequency Separation	4.3.1.5	Only for FHSS equipment	N/A
6	Medium Utilization	4.3.1.6 or 4.3.2.5	Only for non-Adaptive equipment	N/A
7	Adaptivity	4.3.1.7 or 4.3.2.6	Only for Adaptive equipment	N/A
8	Occupied Channel Bandwidth	4.3.1.8 or 4.3.2.7	Apply all equipment	N/A
9	Transmitter unwanted emissions in the OOB domain	4.3.1.9 or 4.3.2.8	Apply all equipment	N/A
10	Transmitter unwanted emissions in the spurious domain	4.3.1.10 or 4.3.2.9	Apply all equipment	PASS
11	Receiver spurious emissions	4.3.1.11 or 4.3.2.10	Apply all equipment	PASS
12	Receiver Blocking	4.3.1.12 or 4.3.2.11	Apply all equipment	N/A
13	Geo-location capability	4.3.1.13 or 4.3.2.12	Only for equipment with geo-location capability	N/A
Note: 1.N/A is an abbreviation for Not Applicable and means this test item is not applicable for this device according to the technology characteristic of device. 2. The wireless module HJ-7188 included in the device passed the RED certification, when applied to the host, Re-test RSE of BLE function, all other test data refer to module test report CN23FBBU 001. 3. For spurious emission test, the test result is only based on the RF circuits operation and other non-RF circuits are not considered according to the requirements of the manufacturer.				

2.1. 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

2.2.Measurement Uncertainty

Test Item	Uncertainty
Uncertainty for Conduction emission test	$\pm 3.48\text{dB}$
Uncertainty for spurious emissions test (30MHz-1GHz)	$\pm 4.60\text{ dB(Polarize: H)}$
	$\pm 4.68\text{ dB(Polarize: V)}$
Uncertainty for spurious emissions test (1GHz to 18GHz)	$\pm 4.96\text{dB}$
Uncertainty for radio frequency	7×10^{-8}
Uncertainty for conducted RF Power	1.08dB
Uncertainty for Power density test	0.26dB

Note: This uncertainty represents an expanded uncertainty expressed at approximately the 95% confidence level using a coverage factor of $k=2$.

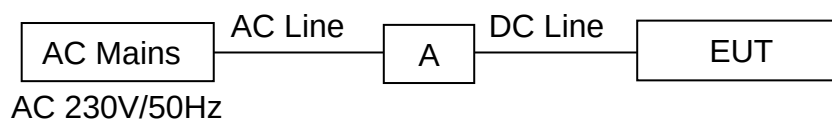
2.3.Assistant Equipment Used For Test

Item	Equipment	Brand	Model Name/Type No.	FCC ID	Series No.
A	Adapter	-	GQ72-180400-E1	-	-

Item	Shielded Type	Ferrite Core	Length	Note
-	-	-	1.5m	DC Line

2.4.Block Diagram of Test Setup

For radiated emissions test: EUT was placed on a turntable, which is 1.5 meters high above ground. The EUT was set into BLE test mode by software prior to testing.



(EUT: Digital Mixing Console)

2.5. Test Mode

The test mode was selected for the final test as listed below.

Test Item	Modulation Type	Data Rate	Test Channel
Transmitter Unwanted Emissions In The Spurious Domain	GFSK	1 Mbps	Low/ High
Receiver Spurious Emissions	GFSK	1 Mbps	Low/ High

Note: In radiated measurement, the EUT had been pre-scan on the positioned of each 3 axis(X,Y,Z), the worst case was found when positioned on **X-plane**.

2.6. Channel List

Channel No.	Frequency (MHz)	Channel No.	Frequency (MHz)
0	2402	1	2404
2	2406	3	2408
4	2410	5	2412
6	2414	7	2416
8	2418	9	2420
10	2422	11	2424
12	2426	13	2428
14	2430	15	2432
16	2434	17	2436
18	2438	19	2440
20	2442	21	2444
22	2446	23	2448
24	2450	25	2452
26	2454	27	2456
28	2458	29	2460
30	2462	31	2464
32	2466	33	2468
34	2470	35	2472
36	2474	37	2476
38	2478	39	2480

2.7. Test Equipment List

For Radiated Emissions Test (30MHz-1000MHz)						
Equipment	Manufacturer	Model No.	Serial No.	Calibration Body	Last Cal.	Next Cal.
EMI Test Receiver	Rohde & Schwarz	ESR7	EST-E047	LISAI	June 11,26	June 10,27
Bilog Antenna	Teseq	CBL 6111D	EST-E034	LISAI	June 11,26	June 10,27
Test Software	Audix	e3-6.111221a	N/A	N/A	N/A	N/A
30-1000MHz Cable	N/A	EST-002	N/A	N/A	N/A	N/A

For Radiated Emission Test(Above 1000MHz)						
Equipment	Manufacturer	Model No.	Serial No.	Calibration Body	Last Cal.	Next Cal.
Horn Antenna	SCHWARZBECK	BBHA9120D	EST-E144	LISAI	June 11,26	June 10,27
Horn Antenna	Com-Power	AHA-840	EST-E133	LISAI	June 11,26	June 10,27
Low Noise Amplifier	RF	TRLA-010180 G45N	EST-E142	LISAI	June 11,26	June 10,27
Spectrum Analyzer	Rohde &Schwarz	FSV40	EST-E069	LISAI	June 11,26	June 10,27
Test Software	Audix	e3-6.111221a	N/A	N/A	N/A	N/A
Above 1GHz Cable	N/A	EST-003	N/A	N/A	N/A	N/A

3. TRANSMITTER UNWANTED EMISSIONS IN THE SPURIOUS DOMAIN

3.1. Applicability

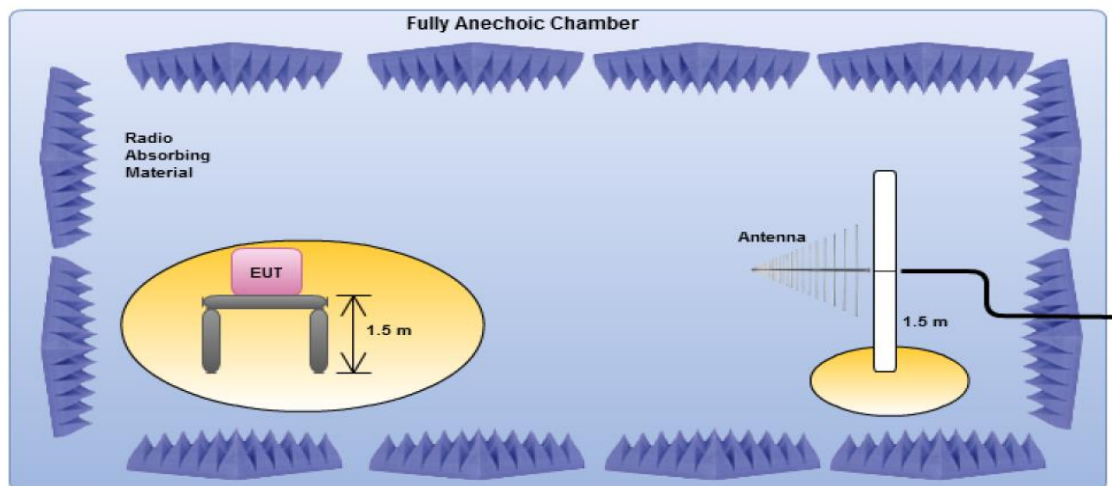
This requirement applies to all types of non-FHSS equipment.

3.2. Limit

Frequency Range	Maximum Power	Bandwidth
30MHz to 47MHz	-36dBm	100kHz
47MHz to 74MHz	-54dBm	100kHz
74MHz to 87,5MHz	-36dBm	100kHz
87,5MHz to 118MHz	-54dBm	100kHz
118MHz to 174MHz	-36dBm	100kHz
174MHz to 230MHz	-54dBm	100kHz
230MHz to 470MHz	-36dBm	100kHz
470MHz to 694MHz	-54dBm	100kHz
694MHz to 1GHz	-36dBm	100kHz
1GHz to 12,75GHz	-30dBm	1MHz

Note: These limits are e.r.p. for emissions up to 1 GHz and as e.i.r.p. for emissions above 1 GHz.

3.3. Test Setup



3.4. Test Procedure

- EUT was placed on a turn table, which is 1.5 meter high above ground.
- Test Antenna is set 3 meters away from the EUT, which is connect to a spectrum analyzer.
- Set the EUT transmit continuously with maximum output power.
- The measurement procedure refer to clause 5.4.9.2.2 of ETSI EN300 328 V2.2.2.
- Repeat above procedures until low channel and high channel were measured.
- Record the results in the test report.

3.5. Test Result

30MHz to 1GHz

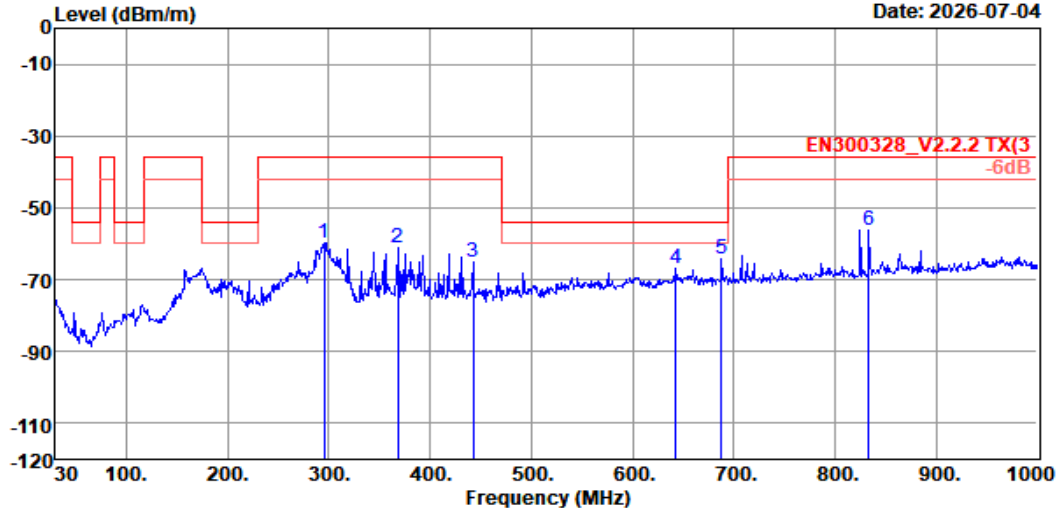
EST Technology

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

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Date: 2026-07-04



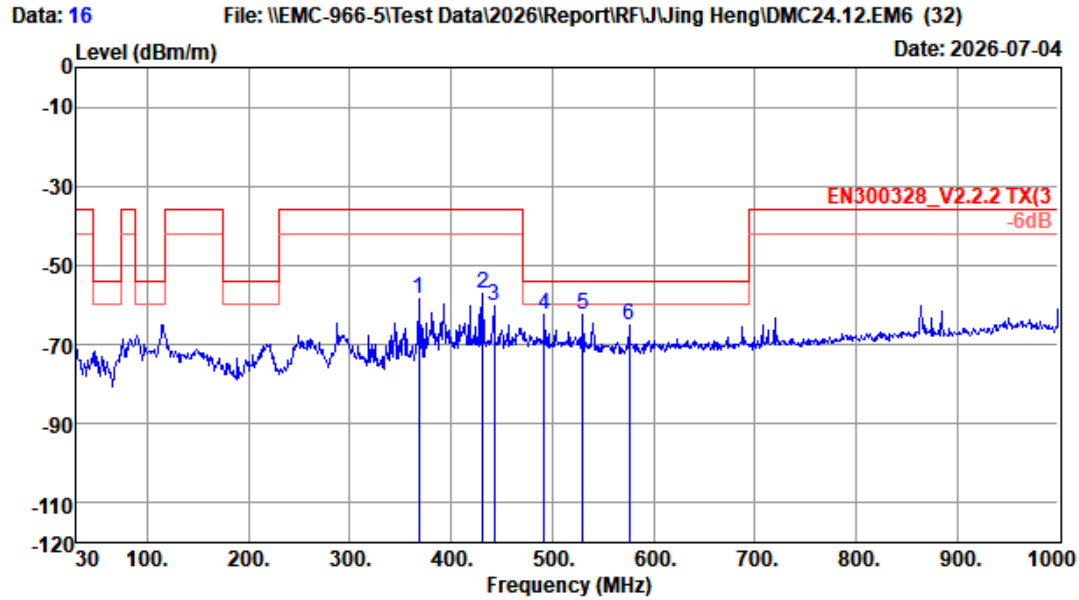
Site no. : 5# 966 Chamber Data no. : 15
Dis. / Ant. : 3m 54681 Ant. pol. : HORIZONTAL
Limit : EN300328_V2.2.2 TX(3)
Env. / Ins. : Temp:20.3°C;Humi:49%;Press:101.55kPa
Engineer : Shadow Yang
EUT : Digital Mixing Console
Power : AC 230V/50Hz
M/N : DMC24.12
Test Mode : TX Mode
Sample No. : EST-260615023-001

	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBm)	Correction Factor (dB)	Level (dBm)	Limits (dBm)	Margin (dB)	Type
1	295.78	12.96	3.07	-85.66	9.70	-59.93	-36.00	23.93	erp
2	368.53	14.66	3.46	-88.95	9.70	-61.13	-36.00	25.13	erp
3	442.25	16.42	3.80	-95.09	9.70	-65.17	-36.00	29.17	erp
4	643.04	20.18	4.65	-101.36	9.70	-66.83	-54.00	12.83	erp
5	687.66	20.24	4.82	-98.82	9.70	-64.06	-54.00	10.06	erp
6	833.16	21.74	5.36	-93.15	9.70	-56.35	-36.00	20.35	erp

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



Site no. : 5# 966 Chamber Data no. : 16
Dis. / Ant. : 3m 54681 Ant. pol. : VERTICAL
Limit : EN300328_V2.2.2 TX(3)
Env. / Ins. : Temp:20.3°C;Humi:49%;Press:101.55kPa
Engineer : Shadow Yang
EUT : Digital Mixing Console
Power : AC 230V/50Hz
M/N : DMC24.12
Test Mode : TX Mode
Sample No. : EST-260615023-001

	Ant.	Cable		Correction	Emission				
Freq.	Factor	Loss	Reading	Factor	Level	Limits	Margin	Type	
(MHz)	(dB/m)	(dB)	(dBm)	(dB)	(dBm)	(dBm)	(dB)		
1	368.53	14.66	3.46	-86.18	9.70	-58.36	-36.00	22.36	erp
2	431.58	16.55	3.76	-87.15	9.70	-57.14	-36.00	21.14	erp
3	442.25	16.42	3.80	-90.32	9.70	-60.40	-36.00	24.40	erp
4	491.72	17.46	4.02	-93.59	9.70	-62.41	-54.00	8.41	erp
5	530.52	17.80	4.19	-94.02	9.70	-62.33	-54.00	8.33	erp
6	576.11	19.54	4.38	-98.74	9.70	-65.12	-54.00	11.12	erp

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

Above 1GHz

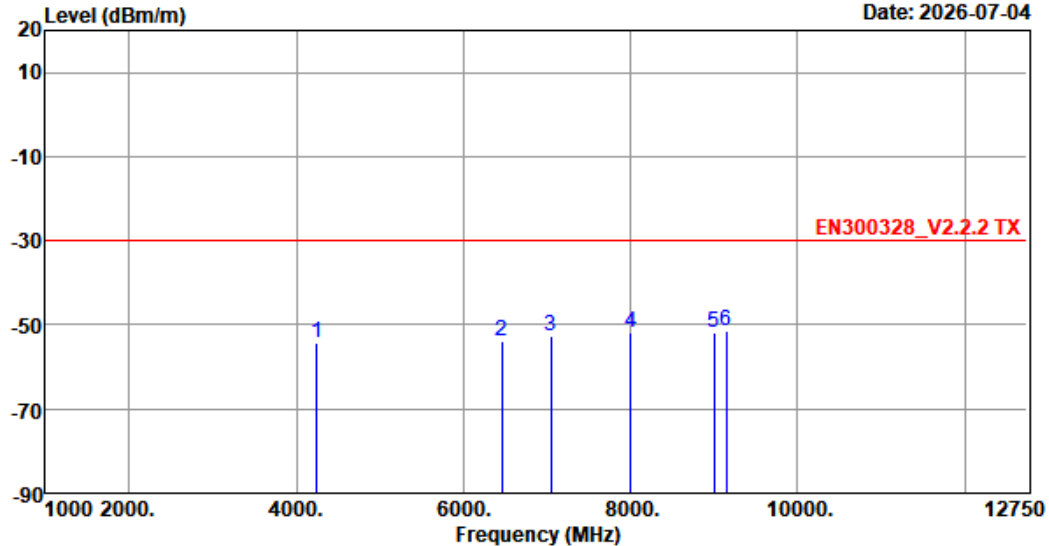
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Chilingxiang, Qishantou, Santun,
Houjie, Dongguan, Guangdong, China
Tel: +86-769-83081888
Fax: +86-769-83081878

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Date: 2026-07-04



Site no. : 5# 966 Chamber Data no. : 29
 Dis. / Ant. : 3m 9120D-1002 1-18G Ant. pol. : HORIZONTAL
 Limit : EN300328_V2.2.2 TX
 Env. / Ins. : Temp:20.5°C;Humi:50%;Press:101.55kPa
 Engineer : Aiden Yan
 EUT : Digital Mixing Console
 Power : AC 230V/50Hz
 M/N : DMC24.12
 Test Mode : GFSK 1Mbps TX 2480MHz
 Sample No. : EST-260615023-001

	Freq.	Ant.	Cable	Amp	Correction	Emission				
	(MHz)	Factor	Loss	Factor	Reading	Factor	Level	Limits	Margin	Type
		(dB/m)	(dB)	(dB)	(dBm)	(dB)	(dBm)	(dBm)	(dB)	
1	4243.00	30.70	4.99	43.35	-58.50	11.80	-54.36	-30.00	24.36	eirp
2	6463.75	35.90	6.23	43.40	-64.30	11.80	-53.77	-30.00	23.77	eirp
3	7051.25	36.30	6.66	43.39	-64.10	11.80	-52.73	-30.00	22.73	eirp
4	8003.00	38.20	6.94	43.20	-65.44	11.80	-51.70	-30.00	21.70	eirp
5	9001.75	38.30	7.06	43.00	-65.84	11.80	-51.68	-30.00	21.68	eirp
6	9142.75	38.75	7.20	42.96	-66.43	11.80	-51.64	-30.00	21.64	eirp

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

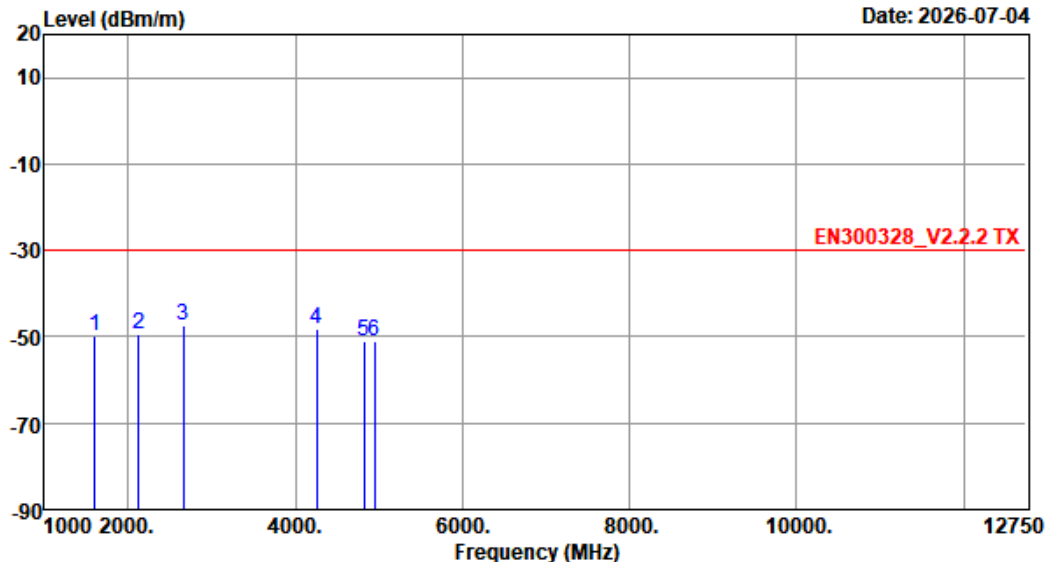
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Chilingxiang, Qishantou, Santun,
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Date: 2026-07-04



Site no. : 5# 966 Chamber Data no. : 30
 Dis. / Ant. : 3m 9120D-1002 1-18G Ant. pol. : VERTICAL
 Limit : EN300328_V2.2.2 TX
 Env. / Ins. : Temp:20.5°C;Humi:50%;Press:101.55kPa
 Engineer : Aiden Yan
 EUT : Digital Mixing Console
 Power : AC 230V/50Hz
 M/N : DMC24.12
 Test Mode : GFSK 1Mbps TX 2480MHz
 Sample No. : EST-260615023-001

		Ant.	Cable	Amp		Correction	Emission			
	Freq.	Factor	Loss	Factor	Reading	Factor	Level	Limits	Margin	Type
	(MHz)	(dB/m)	(dB)	(dB)	(dBm)	(dB)	(dBm)	(dBm)	(dB)	
1	1599.25	25.10	2.77	45.13	-44.44	11.80	-49.90	-30.00	19.90	eirp
2	2128.00	27.53	3.25	44.46	-47.46	11.80	-49.34	-30.00	19.34	eirp
3	2656.75	28.00	3.72	43.83	-47.00	11.80	-47.31	-30.00	17.31	eirp
4	4254.75	30.70	4.99	43.35	-52.19	11.80	-48.05	-30.00	18.05	eirp
5	4818.75	31.80	5.30	43.23	-56.57	11.80	-50.90	-30.00	20.90	eirp
6	4948.00	31.75	5.36	43.21	-56.88	11.80	-51.18	-30.00	21.18	eirp

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

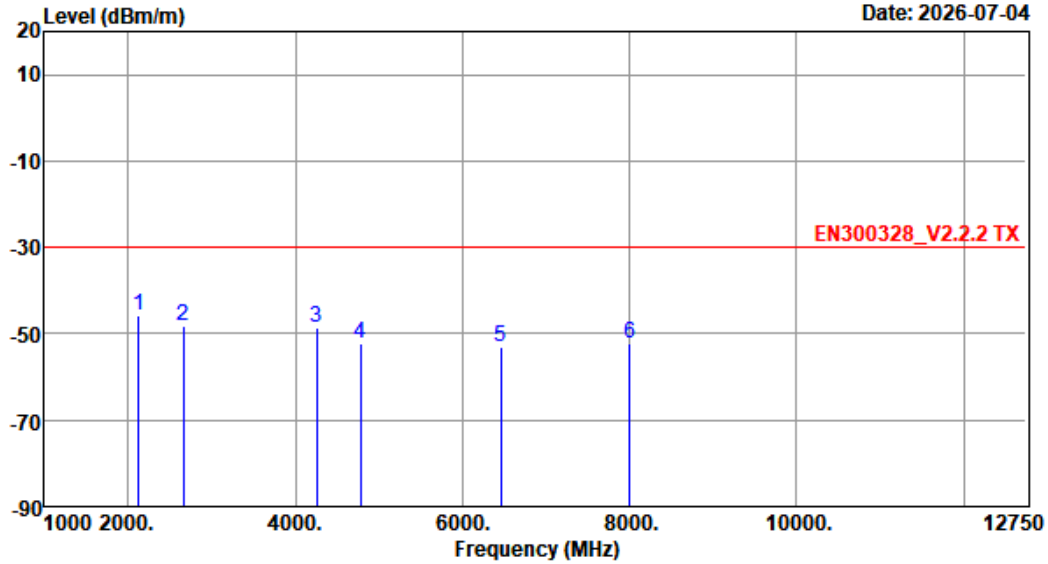
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Houjie, Dongguan, Guangdong, China
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Date: 2026-07-04



Site no. : 5# 966 Chamber Data no. : 31
Dis. / Ant. : 3m 9120D-1002 1-18G Ant. pol. : VERTICAL
Limit : EN300328_V2.2.2 TX
Env. / Ins. : Temp:20.5°C;Humi:50%;Press:101.55kPa
Engineer : Aiden Yan
EUT : Digital Mixing Console
Power : AC 230V/50Hz
M/N : DMC24.12
Test Mode : GFSK 1Mbps TX 2402MHz
Sample No. : EST-260615023-001

	Freq.	Ant.	Cable	Amp	Correction	Emission				
	(MHz)	Factor	Loss	Factor	Reading	Factor	Level	Limits	Margin	Type
		(dB/m)	(dB)	(dB)	(dBm)	(dB)	(dBm)	(dBm)	(dB)	
1	2128.00	27.53	3.25	44.46	-44.03	11.80	-45.91	-30.00	15.91	eirp
2	2656.75	28.00	3.72	43.83	-48.05	11.80	-48.36	-30.00	18.36	eirp
3	4254.75	30.70	4.99	43.35	-52.88	11.80	-48.74	-30.00	18.74	eirp
4	4783.50	31.87	5.28	43.24	-57.99	11.80	-52.28	-30.00	22.28	eirp
5	6463.75	35.90	6.23	43.40	-63.58	11.80	-53.05	-30.00	23.05	eirp
6	8003.00	38.20	6.94	43.20	-66.13	11.80	-52.39	-30.00	22.39	eirp

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

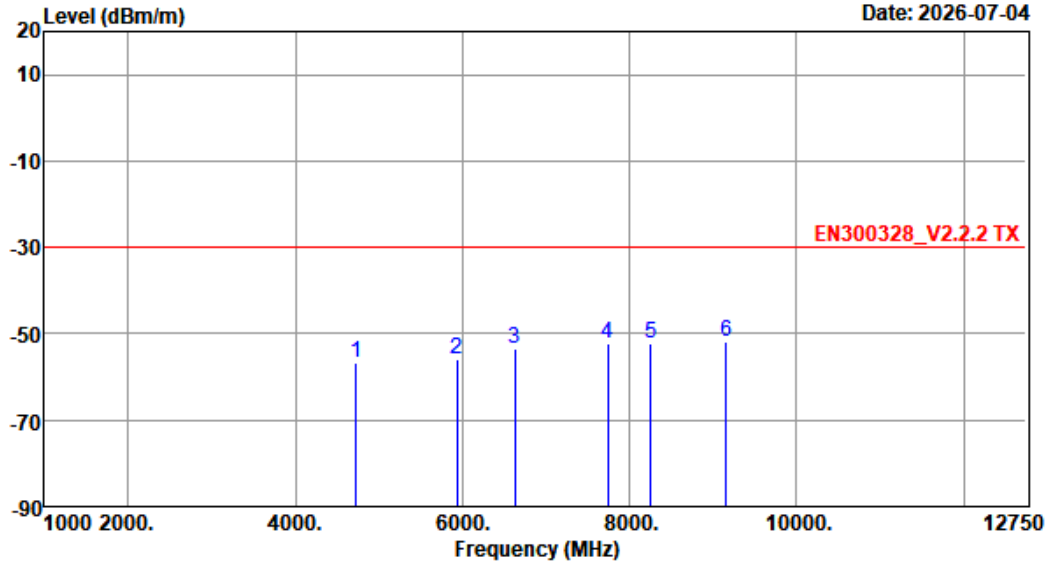
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Chilingxiang, Qishantou, Santun,
Houjie, Dongguan, Guangdong, China
Tel: +86-769-83081888
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Date: 2026-07-04



Site no. : 5# 966 Chamber Data no. : 32
Dis. / Ant. : 3m 9120D-1002 1-18G Ant. pol. : HORIZONTAL
Limit : EN300328_V2.2.2 TX
Env. / Ins. : Temp:20.5°C;Humi:50%;Press:101.55kPa
Engineer : Aiden Yan
EUT : Digital Mixing Console
Power : AC 230V/50Hz
M/N : DMC24.12
Test Mode : GFSK 1Mbps TX 2402MHz
Sample No. : EST-260615023-001

	Freq.	Ant.	Cable	Amp	Correction	Emission				
	(MHz)	Factor	Loss	Factor	Reading	Factor	Level	Limits	Margin	Type
		(dB/m)	(dB)	(dB)	(dBm)	(dB)	(dBm)	(dBm)	(dB)	
1	4724.75	32.13	5.24	43.25	-62.49	11.80	-56.57	-30.00	26.57	eirp
2	5935.00	33.40	5.85	43.39	-63.72	11.80	-56.06	-30.00	26.06	eirp
3	6628.25	35.47	6.36	43.40	-63.74	11.80	-53.51	-30.00	23.51	eirp
4	7744.50	36.45	6.86	43.25	-64.17	11.80	-52.31	-30.00	22.31	eirp
5	8249.75	37.52	6.97	43.15	-65.56	11.80	-52.42	-30.00	22.42	eirp
6	9154.50	38.83	7.22	42.95	-66.55	11.80	-51.65	-30.00	21.65	eirp

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

4.RECEIVER SPURIOUS EMISSIONS

4.1.Applicability

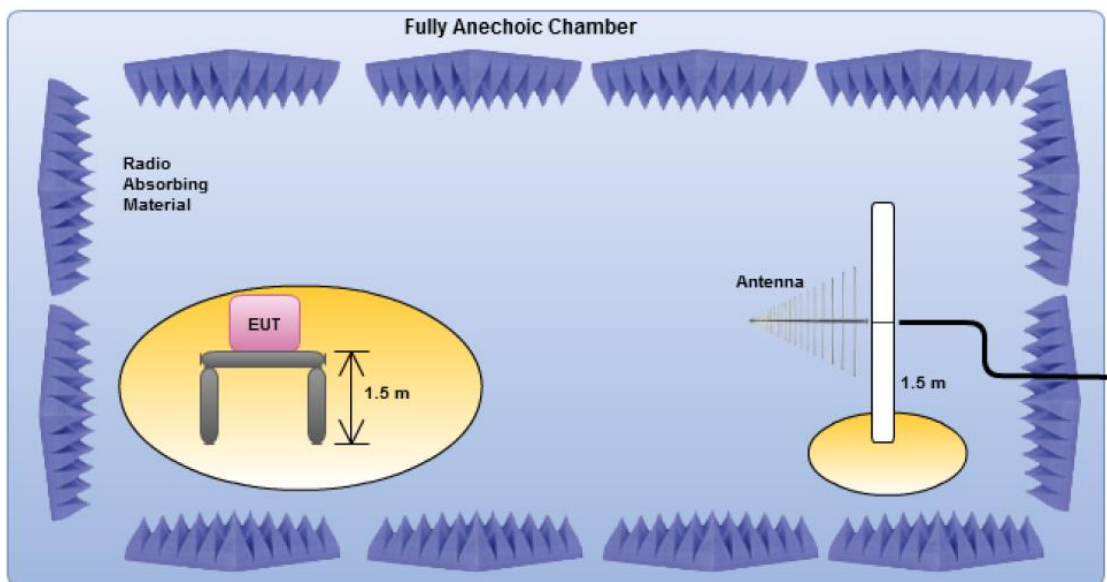
This requirement applies to all types of non-FHSS equipment.

4.2.Limit

Frequency Range	Maximum Power	Bandwidth
30MHz to 1GHz	-57dBm	100kHz
1GHz to 12,75GHz	-47dBm	1MHz

Note: These limits are e.r.p. for emissions up to 1 GHz and as e.i.r.p. for emissions above 1 GHz.

4.3.Test Setup



4.4.Test Procedure

- EUT was placed on a turn table, which is 1.5 meter high above ground.
- Test Antenna is set 3 meters away from the EUT, which is connect to a spectrum analyzer.
- Set the EUT transmit to receive mode.
- The measurement procedure refer to clause 5.4.10.2.2 of ETSI EN300 328 V2.2.2.
- Repeat above procedures until low channel and high channel were measured.
- Record the results in the test report.

4.5. Test Result

30MHz to 1GHz

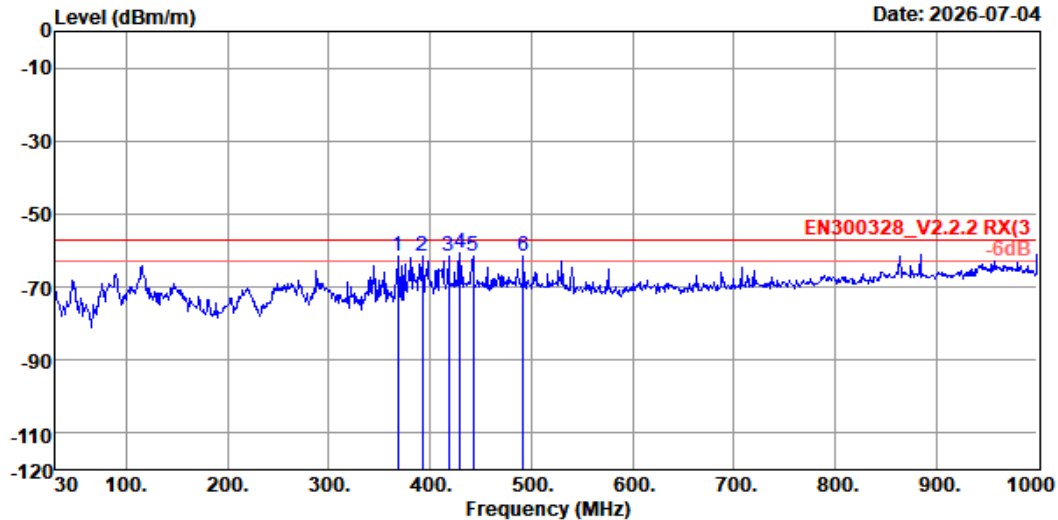
EST Technology

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

Data: 13

File: \\EMC-966-5\Test Data\2026\Report\RF\Jing Heng\DMC24.12.EM6 (32)

Date: 2026-07-04



Site no. : 5# 966 Chamber Data no. : 13
Dis. / Ant. : 3m 54681 Ant. pol. : VERTICAL
Limit : EN300328_V2.2.2 RX(3)
Env. / Ins. : Temp:20.3°C;Humi:49%;Press:101.55kPa
Engineer : Shadow Yang
EUT : Digital Mixing Console
Power : AC 230V/50Hz
M/N : DMC24.12
Test Mode : RX Mode
Sample No. : EST-260615023-001

		Ant.	Cable		Correction	Emission			
	Freq.	Factor	Loss	Reading	Factor	Level	Limits	Margin	Type
	(MHz)	(dB/m)	(dB)	(dBm)	(dB)	(dBm)	(dBm)	(dB)	
1	368.53	14.66	3.46	-89.52	9.70	-61.70	-57.00	4.70	erp
2	392.78	15.14	3.58	-89.96	9.70	-61.54	-57.00	4.54	erp
3	418.00	16.60	3.70	-91.45	9.70	-61.45	-57.00	4.45	erp
4	429.64	16.60	3.75	-90.75	9.70	-60.70	-57.00	3.70	erp
5	442.25	16.42	3.80	-91.55	9.70	-61.63	-57.00	4.63	erp
6	491.72	17.46	4.02	-92.94	9.70	-61.76	-57.00	4.76	erp

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

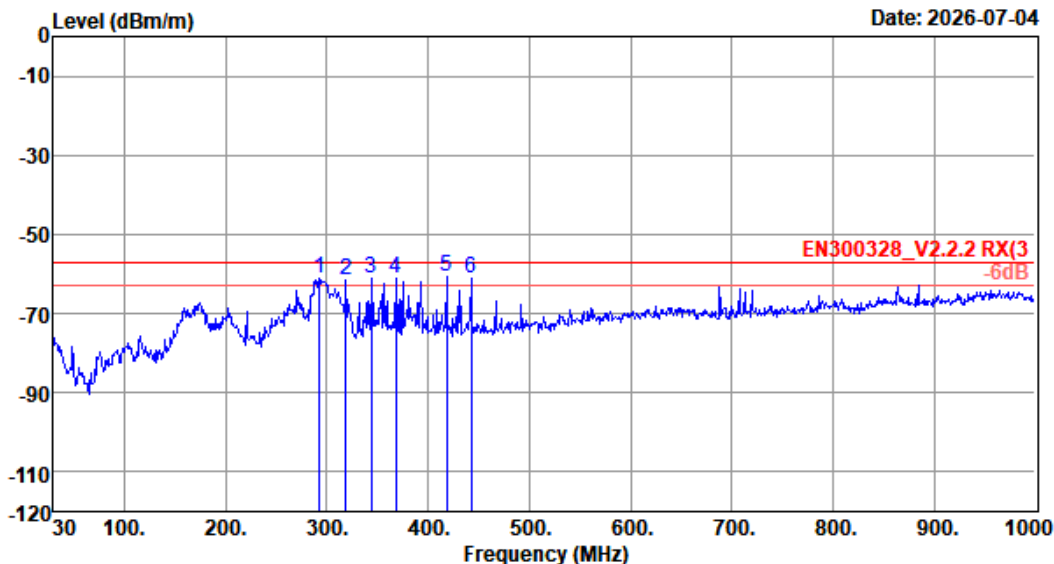
EST Technology

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

Data: 14

File: \\EMC-966-5\Test Data\2026\Report\RF\Jing Heng\DMC24.12.EM6 (32)

Date: 2026-07-04



Site no. : 5# 966 Chamber Data no. : 14
Dis. / Ant. : 3m 54681 Ant. pol. : HORIZONTAL
Limit : EN300328_V2.2.2 RX(3)
Env. / Ins. : Temp:20.3°C;Humi:49%;Press:101.55kPa
Engineer : Shadow Yang
EUT : Digital Mixing Console
Power : AC 230V/50Hz
M/N : DMC24.12
Test Mode : RX Mode
Sample No. : EST-260615023-001

	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBm)	Correction Factor (dB)	Emission Level (dBm)	Limits (dBm)	Margin (dB)	Type
1	292.87	13.00	3.05	-86.76	9.70	-61.01	-57.00	4.01	erp
2	319.06	12.99	3.19	-87.31	9.70	-61.43	-57.00	4.43	erp
3	344.28	13.94	3.32	-88.24	9.70	-61.28	-57.00	4.28	erp
4	368.53	14.66	3.46	-89.13	9.70	-61.31	-57.00	4.31	erp
5	418.00	16.60	3.70	-90.86	9.70	-60.86	-57.00	3.86	erp
6	442.25	16.42	3.80	-91.04	9.70	-61.12	-57.00	4.12	erp

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

Above 1GHz

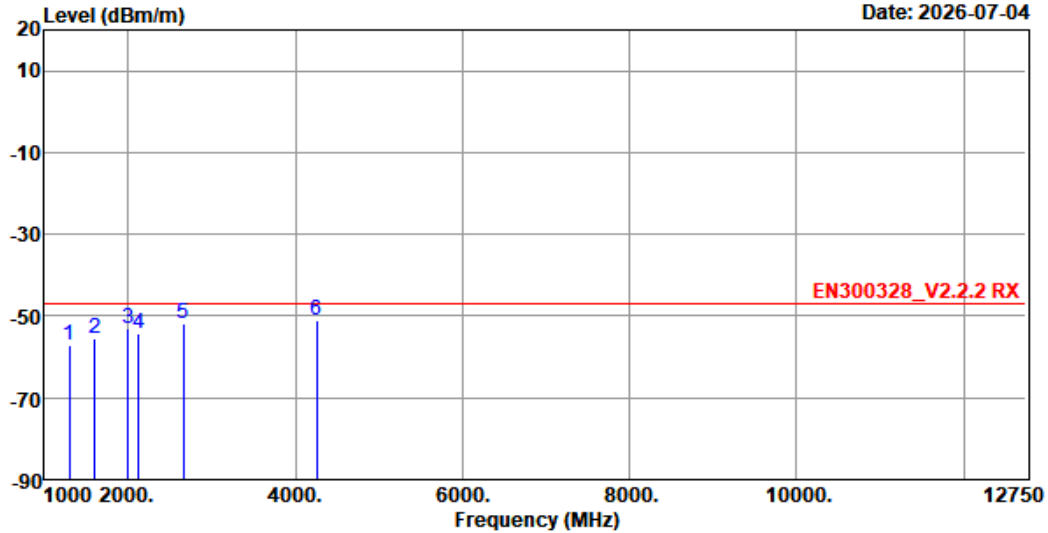
EST Technology

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

Data: 23

File: \\EMC-966-5\Test Data\2026\Report\RF\Jing Heng\DMC24.12.EM6 (32)

Date: 2026-07-04



Site no. : 5# 966 Chamber Data no. : 23
Dis. / Ant. : 3m 9120D-1002 1-18G Ant. pol. : VERTICAL
Limit : EN300328_V2.2.2 RX
Env. / Ins. : Temp:20.5°C;Humi:50%;Press:101.55kPa
Engineer : Aiden Yan
EUT : Digital Mixing Console
Power : AC 230V/50Hz
M/N : DMC24.12
Test Mode : RX Mode
Sample No. : EST-260615023-001

	Freq.	Ant.	Cable	Amp	Correction	Emission				
	(MHz)	Factor	Loss	Factor	Reading	Factor	Level	Limits	Margin	Type
		(dB/m)	(dB)	(dB)	(dBm)	(dB)	(dBm)	(dBm)	(dB)	
1	1293.75	25.85	2.50	45.53	-51.76	11.80	-57.14	-47.00	10.14	eirp
2	1599.25	25.10	2.77	45.13	-50.04	11.80	-55.50	-47.00	8.50	eirp
3	1998.75	26.10	3.14	44.60	-49.58	11.80	-53.14	-47.00	6.14	eirp
4	2128.00	27.53	3.25	44.46	-52.32	11.80	-54.20	-47.00	7.20	eirp
5	2656.75	28.00	3.72	43.83	-51.48	11.80	-51.79	-47.00	4.79	eirp
6	4254.75	30.70	4.99	43.35	-55.02	11.80	-50.88	-47.00	3.88	eirp

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

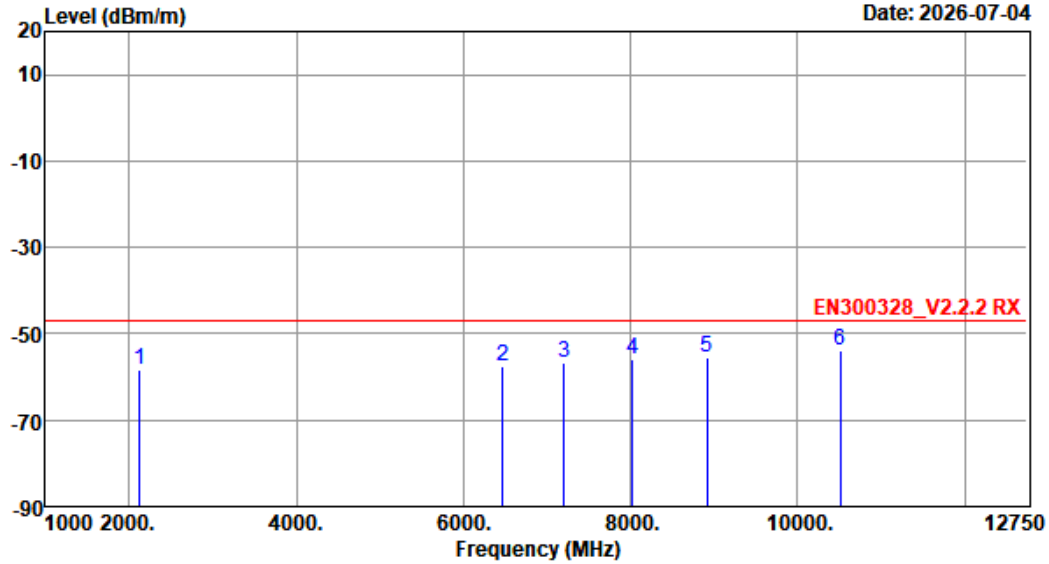
EST Technology

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

Data: 24

File: \\EMC-966-5\Test Data\2026\Report\RF\Jing Heng\DMC24.12.EM6 (32)

Date: 2026-07-04



Site no. : 5# 966 Chamber Data no. : 24
Dis. / Ant. : 3m 9120D-1002 1-18G Ant. pol. : HORIZONTAL
Limit : EN300328_V2.2.2 RX
Env. / Ins. : Temp:20.5°C;Humi:50%;Press:101.55kPa
Engineer : Aiden Yan
EUT : Digital Mixing Console
Power : AC 230V/50Hz
M/N : DMC24.12
Test Mode : RX Mode
Sample No. : EST-260615023-001

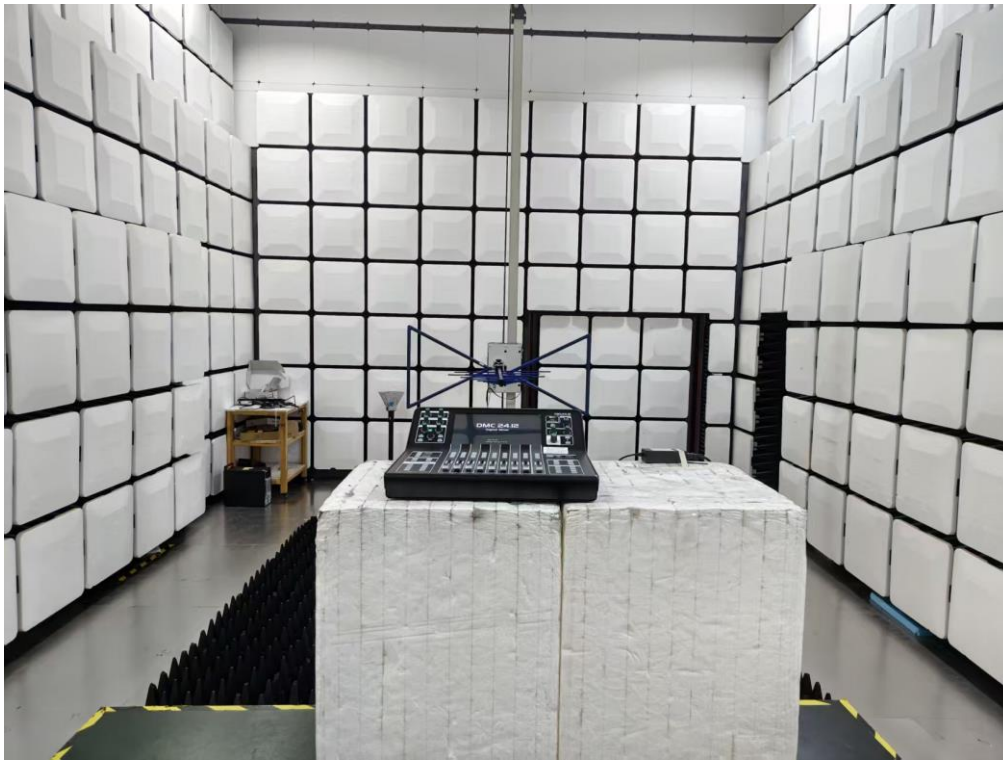
	Freq.	Ant.	Cable	Amp	Correction	Emission				
	(MHz)	Factor	Loss	Factor	Reading	Factor	Level	Limits	Margin	Type
		(dB/m)	(dB)	(dB)	(dBm)	(dB)	(dBm)	(dBm)	(dB)	
1	2128.00	27.53	3.25	44.46	-56.49	11.80	-58.37	-47.00	11.37	eirp
2	6475.50	35.97	6.24	43.40	-68.14	11.80	-57.53	-47.00	10.53	eirp
3	7204.00	37.10	6.70	43.36	-69.02	11.80	-56.78	-47.00	9.78	eirp
4	8026.50	38.10	6.94	43.20	-69.72	11.80	-56.08	-47.00	9.08	eirp
5	8919.50	38.88	7.05	43.02	-70.19	11.80	-55.48	-47.00	8.48	eirp
6	10505.75	39.50	8.45	42.34	-71.14	11.80	-53.73	-47.00	6.73	eirp

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

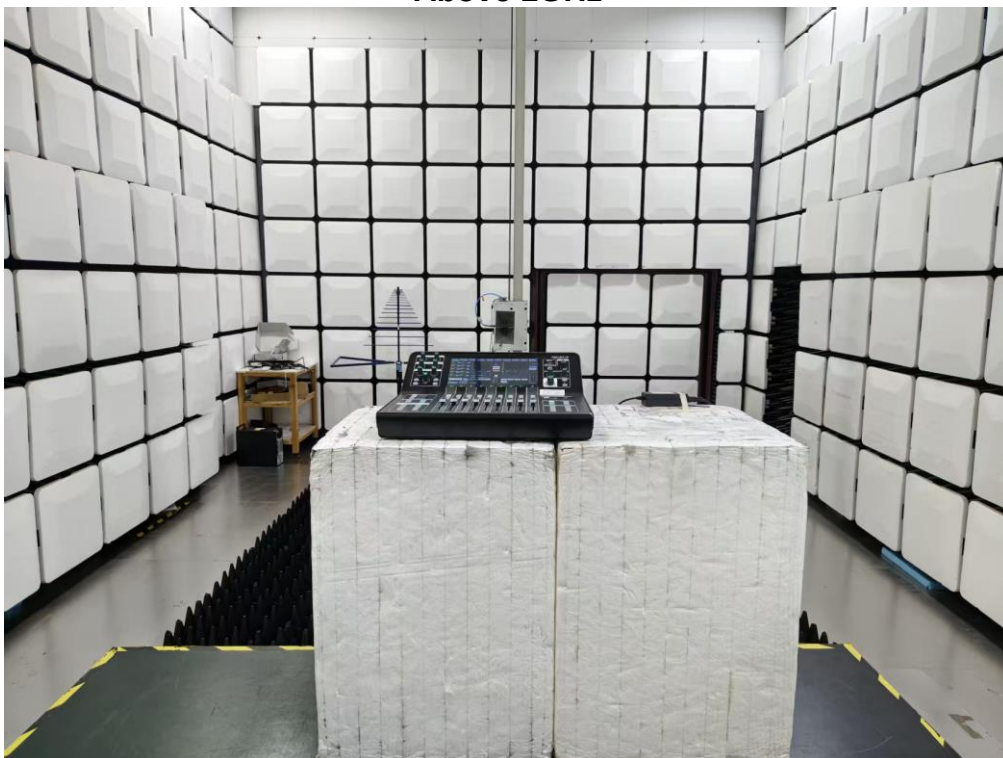
5. PHOTOGRAPHS OF TEST SETUP

5.1. Setup for Transmitter & Receiver Spurious Emissions

Below 1GHz



Above 1GHz





6. EUT PHOTO

Refer to report no. ESTE-R2607155

End of Test Report