



FCC PART 15C TEST REPORT FOR CERTIFICATION On Behalf of

Walmart, Inc.

Wireless Mic

Model Number: SD-SL12

FCC ID: 2ATV2-002

Applicant:	Walmart, Inc.
Address:	74 Kent St #2, Brooklyn, NY 11222, United States
Prepared By:	EST Technology Co., Ltd.
	Chilingxiang, Qishantou, Santun, Houjie, Dongguan, Guangdong, China
Tel: 86-769-83081888-808	

Report Number:	ESTE-R2603179
Date of Test:	Feb. 06, 2026 to Mar. 13, 2026
Date of Report:	Mar. 17, 2026

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Applicant: Walmart, Inc.
Address: 74 Kent St #2, Brooklyn, NY 11222, United States

Manufacturer: Walmart, Inc.
Address: 74 Kent St #2, Brooklyn, NY 11222, United States

E.U.T: Wireless Mic

Model Number: SD-SL12

Power Supply: DC 3V From Battery

Trade Name:  **Sample No.:** EST-260206004-003

Date of Receipt: Feb. 06, 2026 **Date of Test:** Feb. 06, 2026 to Mar. 13, 2026

Test Specification: FCC Part 15 Subpart C (15.236)
KDB 206256 D01 Wireless Microphone Certification v03r01
ETSI EN 300 422-1 V2.2.1 (2021-11)
ANSI C63.10:2020

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 FCC Rules and Regulations Part 15 Subpart C requirements.

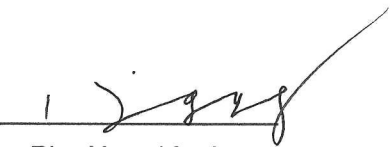
This report applies to above tested sample only and shall not be reproduced in part without written approval of EST Technology Co., Ltd.

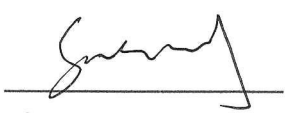
Date: Mar 19, 2026

Prepared by:

Reviewed by:

Approved by:


Ring Yang / Assistant


Seven Wang / 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 INFORMATION

1.1. Description of Device (EUT)

Product Name	:	Wireless Mic
Model Number	:	SD-SL12
Software Version	:	N/A
Hardware Version	:	N/A
Operation frequency	:	659.6MHz~661.1MHz
Number of channel	:	6
Max Output Power (PEAK)	:	9.13dBm
Modulation Type	:	FM
Sample Type	:	Prototype production
Note: The product information is provided by the manufacturer. The laboratory is not responsible for this data.		

1.2. Antenna Information

Ant No.	Brand	Model Name	Antenna Type	Connector	Gain (dBi)
1	-	-	Integral	-	1.8
Note: 1.The antenna gain is declared by the customer and the laboratory is not responsible for the accuracy of the antenna gain. 2.The test results of this report only apply to the sample as received.					

1.3. Information of RF Cable

Cable Loss(dB)	Provided by
0.5	Walmart, Inc.
Note: 1.The customer declared the loss value of the RF Cable. and the test results of this report only apply to the sample as received. 2.The laboratory is not responsible for the accuracy of the cable loss.	

2.SUMMARY OF TEST

2.1.Summary of test result

No.	Description of Test Item	FCC Standard Section	Results
1	Occupied Bandwidth	15.236(f)(1)(ii)	PASS
2	RF Output Power	15.236(d)	PASS
3	Frequency Stability	15.236(f)(1)(iii)	PASS
4	Emission Mask	15.236(g)	PASS
5	Radiated Spurious Emissions	15.236(g)	PASS
6	AC Power Line Conducted Emissions	15.207	N/A

Note: "N/A" denotes test is not applicable in this test report.

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, 2020
This Recognition is valid until: Apr. 19, 2026

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

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

Name of Firm : EST Technology Co., Ltd.

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

2.3.Measurement uncertainty

Test Item	Uncertainty
Uncertainty for Conduction emission test	0.26dB
Uncertainty for spurious emissions test (30MHz-1GHz)	±4.76dB
Uncertainty for spurious emissions test (1GHz to 25GHz)	±5.32dB
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.

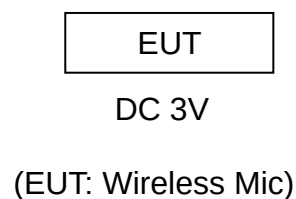
2.4.Assistant equipment used for test

Item	Equipment	Brand	Model Name/Type No.	FCC ID	Series No.
-	-	-	-	-	-

Item	Shielded Type	Ferrite Core	Length	Note
-	-	-	-	-

2.5.Block Diagram

For radiated emissions test: EUT was placed on a turn table, which is 1.5 meter high above ground.



2.6. Test Mode

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

Test Item	Modulation Type	Test Channel
Occupied Bandwidth	FM	Low/Middle/High
RF Output Power	FM	Low/Middle/High
Frequency Stability	FM	Low/Middle/High
Emission Mask	FM	Low/Middle/High
Radiated Spurious Emissions(Below 1GHz)	FM	Low/Middle/High
Radiated Spurious Emissions(Above 1GHz)	FM	Low/Middle/High
AC Power Line Conducted Emissions	FM	Low/Middle/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**.

2.7. Power Setting of Test Software

Software Name	Button		
Frequency(MHz)	659.6	660.2	661.1
Setting	Default	Default	Default

2.8.Channel List

Channel No.	Frequency (MHz)	Channel No.	Frequency (MHz)
1	659.6	4	660.5
2	659.9	5	660.8
3	660.2	6	661.1

2.9. Test Equipment List

For conducted emission test

Equipment	Manufacturer	Model No.	Serial No.	Calibration Body	Last Cal.	Next Cal.
EMI Test Receiver	Rohde & Schwarz	ESRP3	EST-E070	LISAI	June 11,25	June 10,26
Artificial Mains Network	Rohde & Schwarz	ENV216	EST-E048	LISAI	June 11,25	June 10,26
Pulse Limiter	Rohde & Schwarz	ESH3-Z2	EST-E078	LISAI	June 11,25	June 10,26
Test Software	Audix	e3-6.111221a	N/A	N/A	N/A	N/A

For radiated emission test(9kHz-30MHz)

Equipment	Manufacturer	Model No.	Serial No.	Calibration Body	Last Cal.	Next Cal.
EMI Test Receiver	Rohde & Schwarz	ESR7	EST-E047	LISAI	June 11,25	June 10,26
Active Loop Antenna	SCHWARZBECK	FMZB 1519B	EST-E054	LISAI	June 11,25	June 10,26
Test Software	Audix	e3-6.111221a	N/A	N/A	N/A	N/A
9kHz-30MHz Cable	N/A	EST-001	N/A	N/A	N/A	N/A

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 11,25	June 10,26
Bilog Antenna	Tesseq	CBL 6111D	EST-E034	LISAI	June 11,25	June 10,26
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 11,25	June 10,26
Horn Antenna	Com-Power	AHA-840	EST-E133	LISAI	June 11,25	June 10,26
Low Noise Amplifier	RF	TRLA-010180 G45N	EST-E142	LISAI	June 11,25	June 10,26
Spectrum Analyzer	Rohde & Schwarz	FSV40	EST-E069	LISAI	June 11,25	June 10,26
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

For connect EUT antenna terminal test

Equipment	Manufacturer	Model No.	Serial No.	Calibration Body	Last Cal.	Next Cal.
Signal and Spectrum Analyzer	Rohde & Schwarz	FSV 40	EST-E136	LISAI	June 11,25	June 10,26

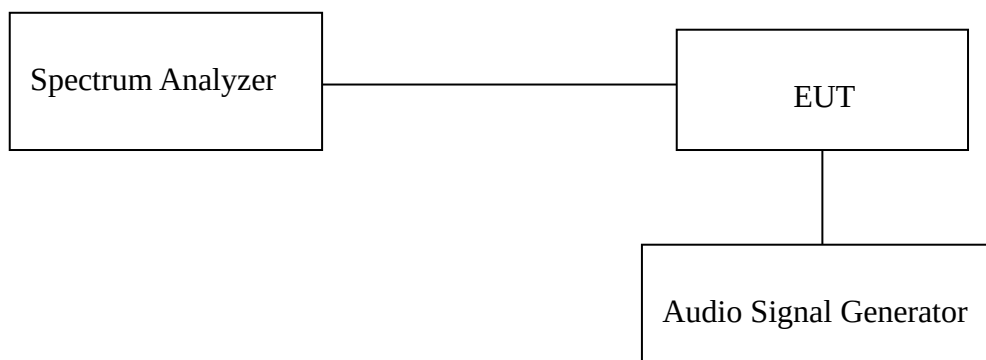
3.OCCUPIED BANDWIDTH

3.1.Limit

According to FCC 15.236(f), the operating frequency within a permissible band of operation as defined in paragraph (c) must comply with the following requirements.

- The frequency selection shall be offset from the upper or lower band limits by 25 kHz or an integral multiple thereof.
- One or more adjacent 25 kHz segments within the assignable frequencies may be combined to form a channel whose maximum bandwidth shall not exceed 200 kHz. The operating bandwidth shall not exceed 200 kHz.

3.2.Test Setup



3.3.Spectrum Analyzer Setting

Spectrum Parameters	Setting
RBW	3KHz
VBW	10KHz
Span	500KHz
Sweep Time	Auto
Detector	Peak
Trace Mode	Max Hold

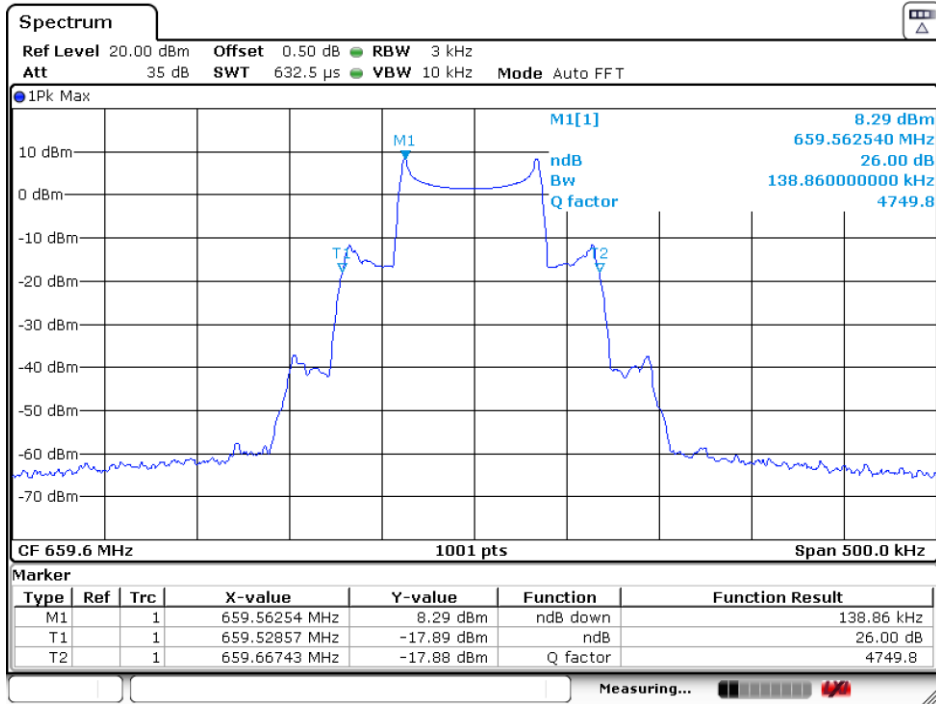
3.4.Test Procedure

According the ANSI C6.10-2020 section 6.9 for additional test set-up procedure, the occupied bandwidth of emission was measured with a spectrum analyzer connected to the antenna terminal while EUT was operating in 2.5KHz tone at an input level 16dB greater than necessary to produce 50 percent modulation. Then mark the -26dB Bandwidth and record it.

3.5. Test Result

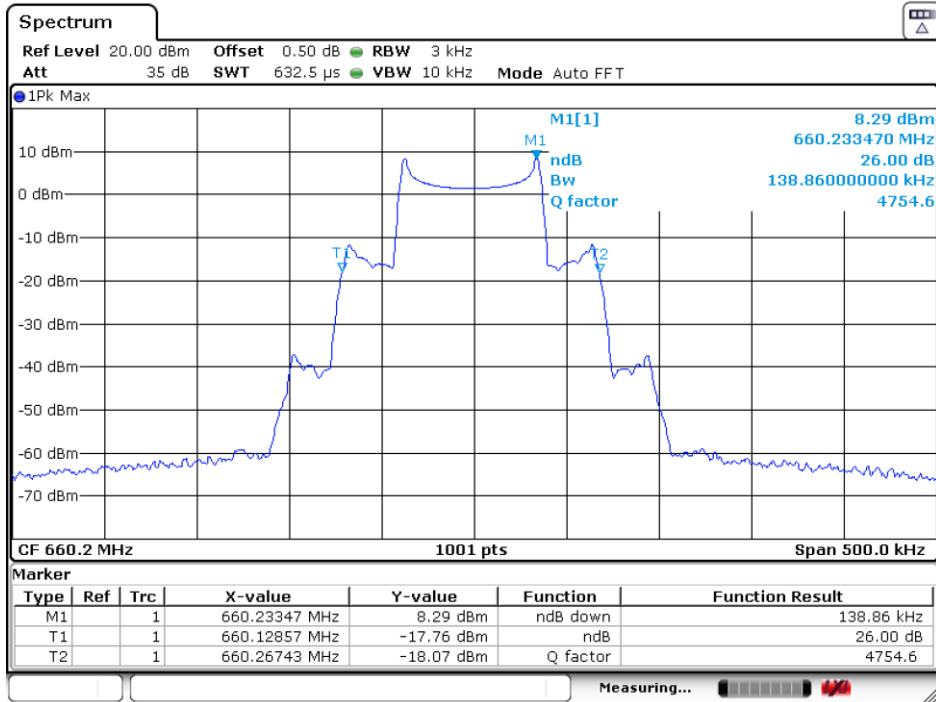
Mode	Freq (MHz)	26dB Bandwidth (KHz)	Limit (KHz)	Result
TX	659.6	138.86	200	PASS
	660.2	138.86	200	PASS
	661.1	138.86	200	PASS

Low 659.6MHz



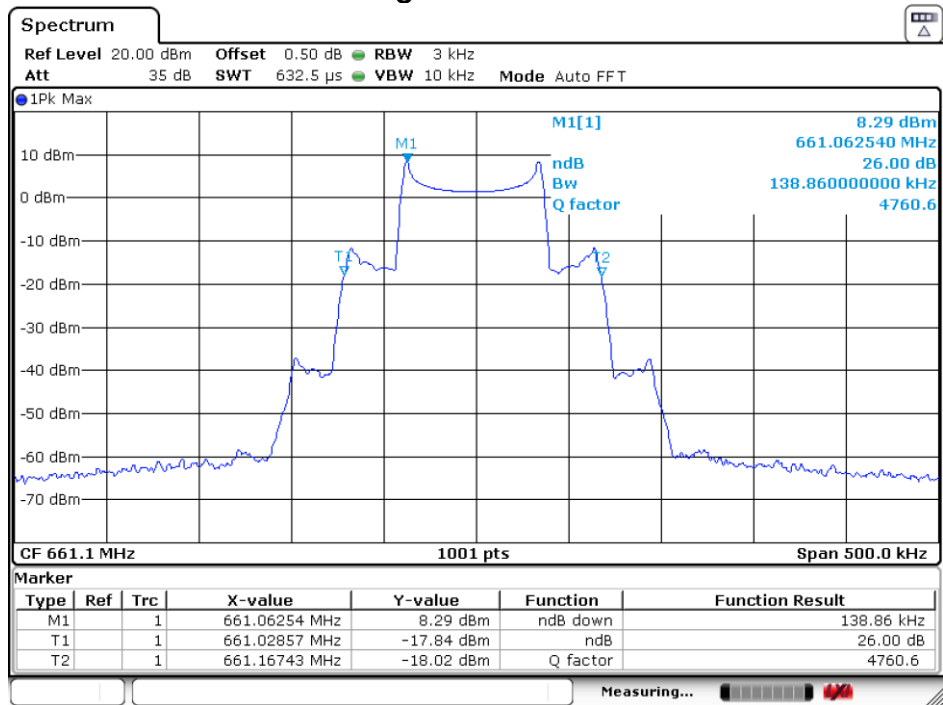
Date: 9.MAR.2026 06:23:21

Middle 660.2MHz



Date: 9.MAR.2026 06:23:56

High 661.1MHz



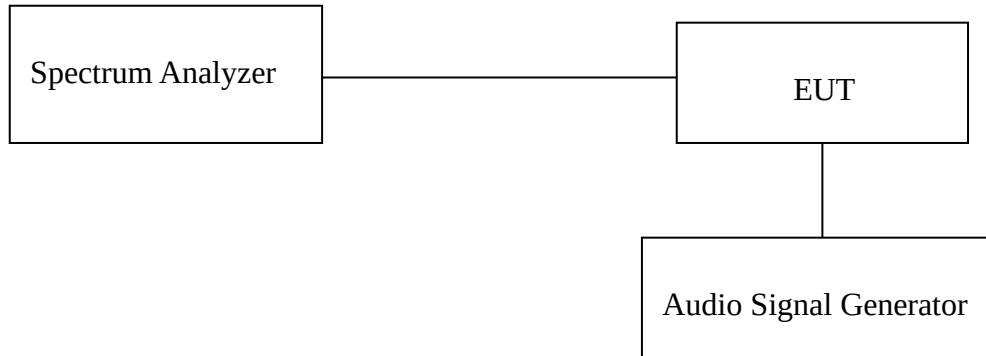
Date: 9.MAR.2026 06:22:54

4.RF OUTPUT POWER

4.1.Limit

According to FCC 15.236(d)(2), In the 600 MHz guard band and the 600 MHz duplex gap: 20mW EIRP(13dBm).

4.2.Test Setup



4.3.Spectrum Analyzer Setting

Spectrum Parameters	Setting
RBW	$\geq$ Bandwidth
VBW	3*RBW
Span	$\geq$ 3*Bandwidth
Sweep Time	Auto
Detector	Peak
Trace Mode	Max Hold

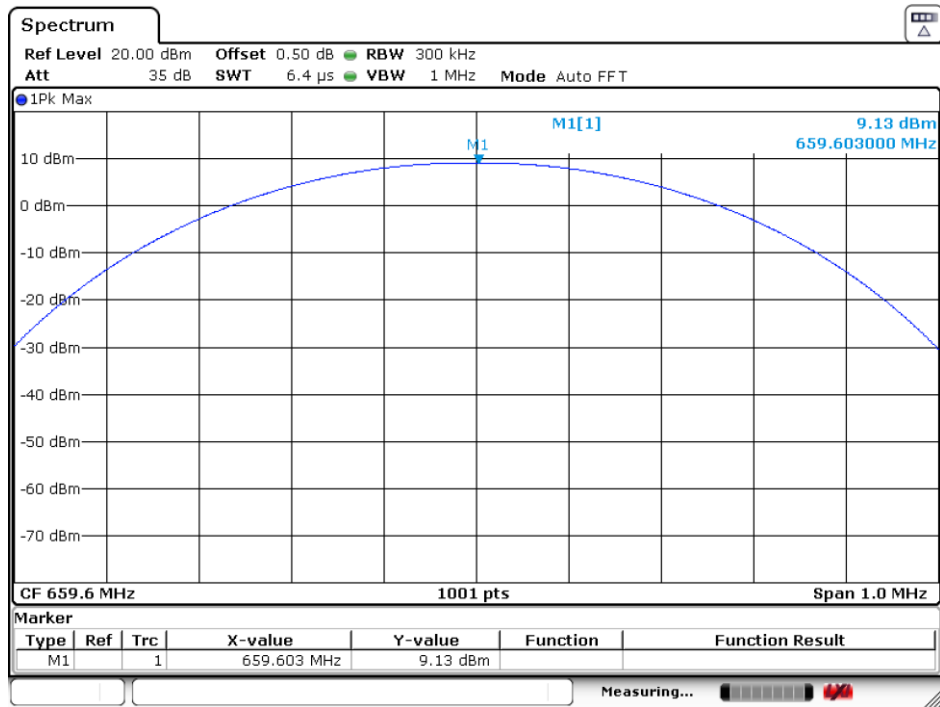
4.4.Test Procedure

- Connect EUT antenna terminal to the spectrum analyzer with RF cable.
- Spectrum analyzer setting parameters in accordance with section 4.3.
- Set the EUT transmit continuously with maximum output power.
- Allow trace to stabilize, use the marker-to-peak function to set the marker to the peak of the emission.
- Repeat above procedures until all channels were measured.
- Record the results in the test report.

4.5. Test Result

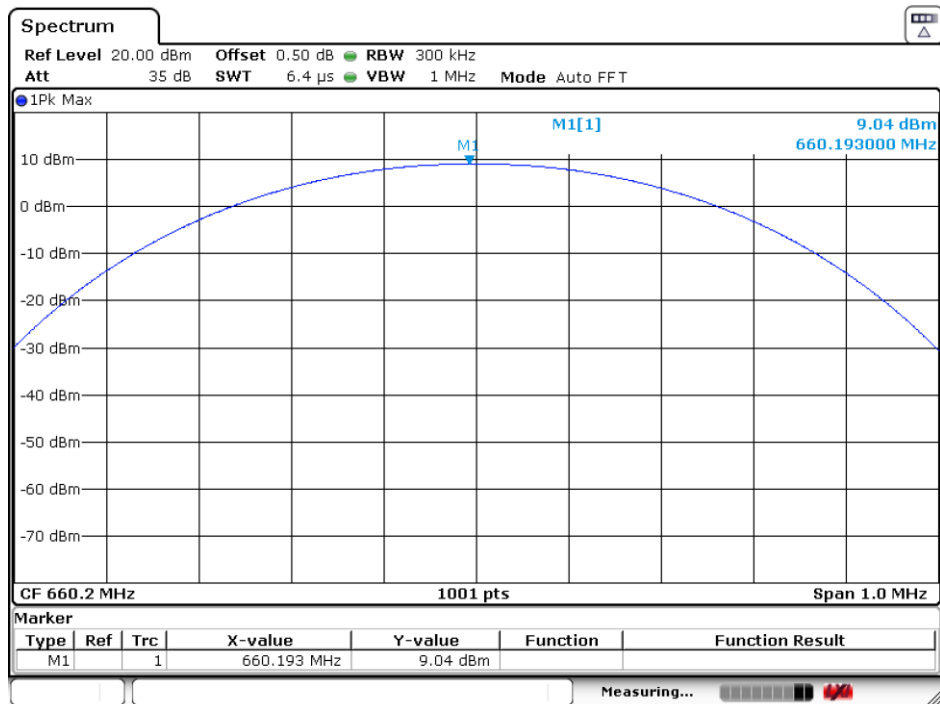
Mode	Freq (MHz)	Peak Output Power	Antenna Gain	EIRP	Limit	Result
		dBm	dBi	dBm	dBm	
TX	659.6	9.13	1.80	10.93	13.00	PASS
	660.2	9.04	1.80	10.84	13.00	PASS
	661.1	9.09	1.80	10.89	13.00	PASS

Low 659.6MHz



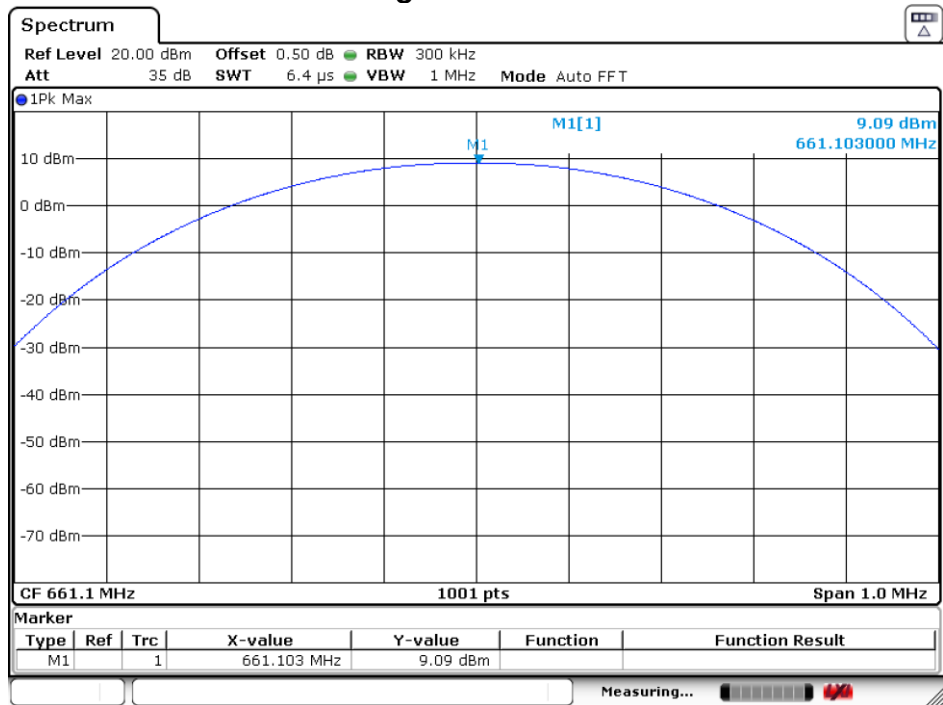
Date: 9.MAR.2026 06:18:23

Middle 660.2MHz



Date: 9.MAR.2026 06:17:42

High 661.1MHz



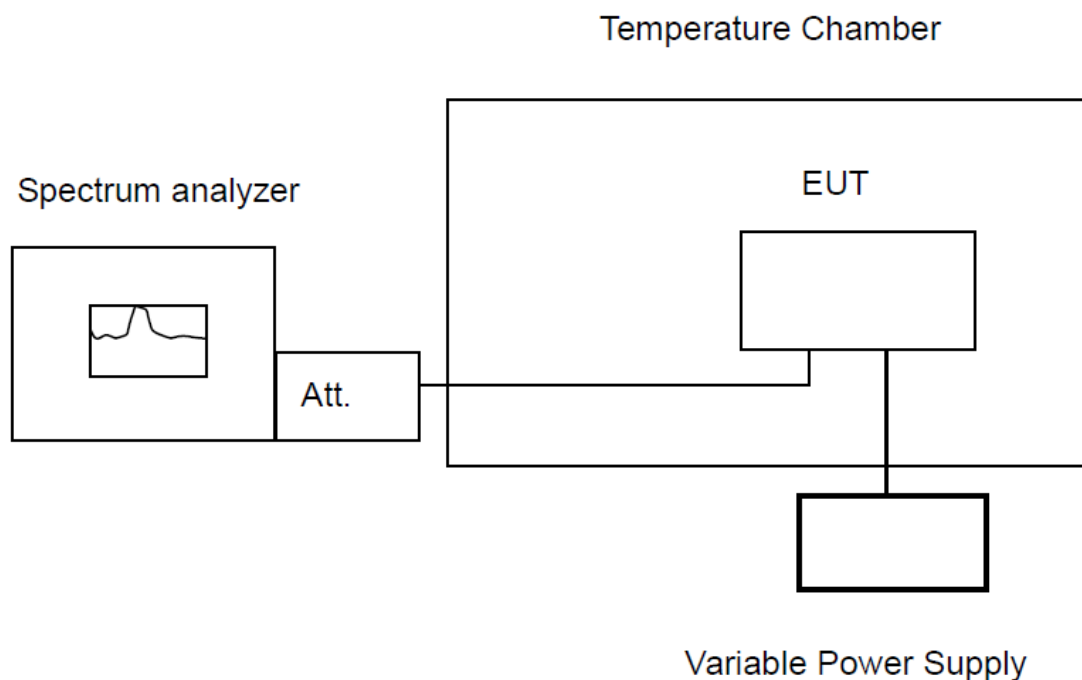
Date: 9.MAR.2026 06:18:05

5.FREQUENCY STABILITY

5.1.Limit

According to FCC 15.236(f)(1)(iii), The frequency tolerance of the carrier signal shall be maintained within $\pm 0.005\%$ of the operating frequency over a temperature variation of -20 degrees to $+50$ degrees C at normal supply voltage, and for a variation in the primary supply voltage from 85% to 115% of the rated supply voltage at a temperature of 20 degrees C.

5.2.Test Setup



5.3.Spectrum Analyzer Setting

Spectrum Parameters	Setting
RBW	10KHz
VBW	10KHz
Span	200KHz
Sweep Time	Auto
Detector	Peak
Trace Mode	Max Hold

5.4.Test Procedure

For measurement frequency stability under temperature variation :

- Supply the EUT with a nominal ac voltage or install a new or fully charged battery in the EUT.
- Turn the EUT OFF and place it inside the environmental temperature chamber.
- Connect EUT antenna terminal to the spectrum analyzer with RF cable.
- Spectrum analyzer setting parameters in accordance with section 5.3.
- Set the temperature control on the chamber to the Specified temperature and allow the oscillator heater and the chamber temperature to stabilize.

- f. Turn the EUT ON with the rated voltage, and the EUT transmit continuously with maximum output power.
- g. Repeat step d through step f to measured the temperature form -20°C to $+50^{\circ}\text{C}$ in 10°C steps.

For frequency stability under voltage variation:

- a. Supply the EUT with a nominal ac voltage or install a new or fully charged battery in the EUT.
- b. Turn the EUT OFF and place it inside the environmental temperature chamber.
- c. Connect EUT antenna terminal to the spectrum analyzer with RF cable.
- d. Spectrum analyzer setting parameters in accordance with section 5.3.
- e. Unless otherwise specified, set the temperature control on the chamber to the ambient room temperature ($+20^{\circ}\text{C}$) and allow the oscillator heater and the chamber temperature to stabilize.
- f. Turn the EUT ON with the rated voltage, and the EUT transmit continuously with maximum output power.
- g. Repeat step d through step f to measured the varied from 85% to 115% of the rated voltage.

5.5. Test Result

Worst case at Low channel

Frequency (MHz)	Voltage (VDC)	Temperature (°C)	Measurement Value (MHz)	Frequency Error (ppm)	Limit (ppm)
659.6	3	50	659.59768	-3.52	±50
		40	659.59740	-3.94	
		30	659.59740	-3.94	
		20	659.59768	-3.52	
		10	659.59768	-3.52	
		0	659.59768	-3.52	
		-10	659.59740	-3.94	
		-20	659.59826	-2.64	
	2.55	20	659.59797	-3.08	
	3.45	20	659.59797	-3.08	

6.EMISSION MASK

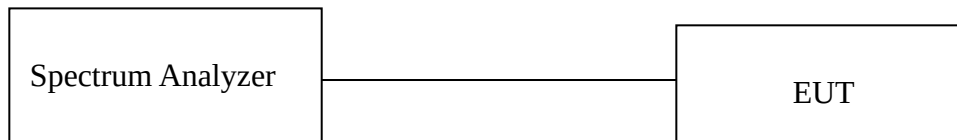
6.1.Limit

According to §15.236(g), For Analog systems: Emissions within the band from $2.5 \times B$ below to $2.5 \times B$ above the carrier frequency, where B is the channel bandwidth, shall comply with the emission mask in Figure 1 of section 4.2.4.2.2 of ETSI EN 300 422-1 V2.2.1 (2021-11).



Figure 1: Transmit spectral power mask for equipment employing analogue modulation, RBW = 1 kHz

6.2.Test Setup



6.3.Spectrum Analyzer Setting

Spectrum Parameters	Setting
RBW	1KHz
VBW	1KHz
Span	1MHz
Sweep Time	≥ 20 s
Detector	Peak
Trace Mode	Clear Write

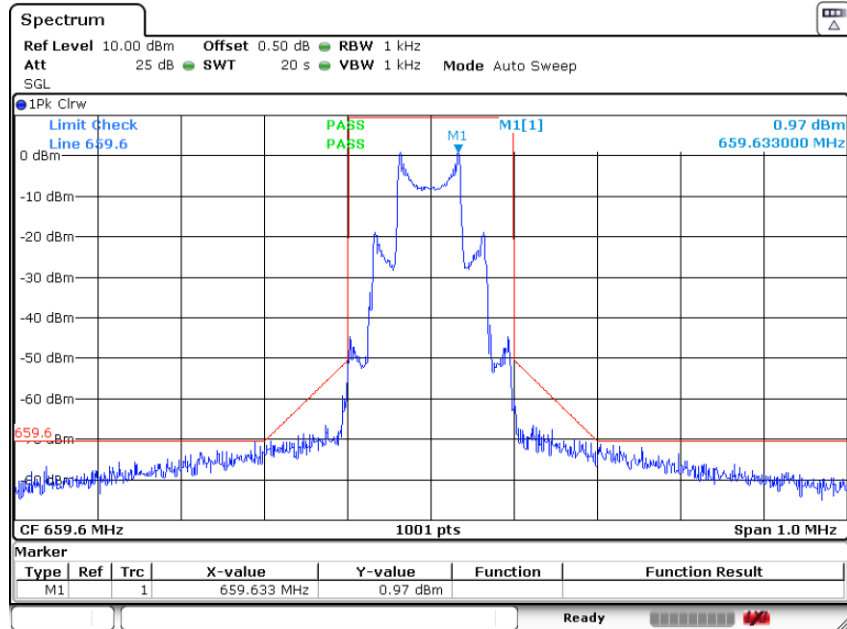
6.4.Test Procedure

Please refer to ETSI EN 300 422-1 V2.2.1 section 5.4.3.

6.5.Test Result

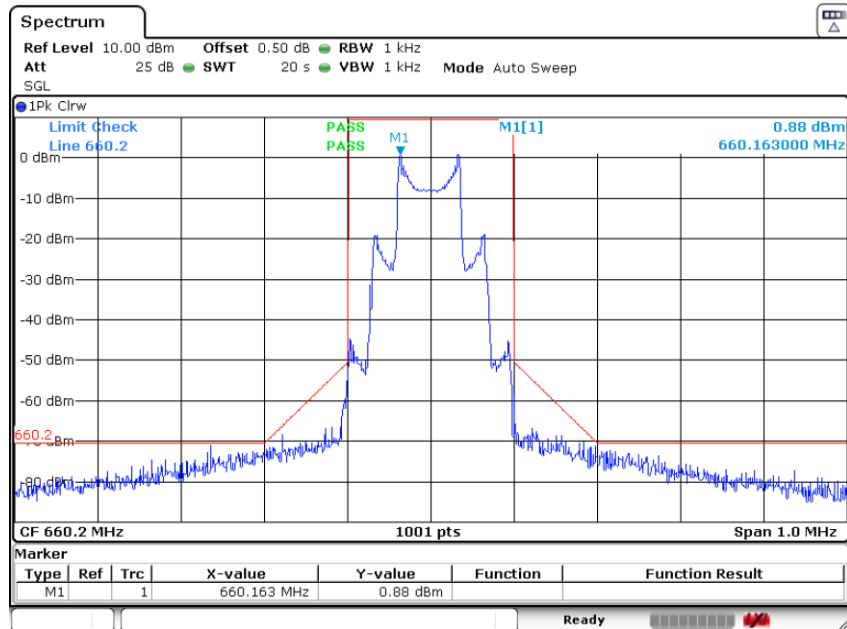
Temperature	23.2°C	Relative Humidity	56%	Test Voltage	DC 3V
Result	PASS				

Low 659.6MHz



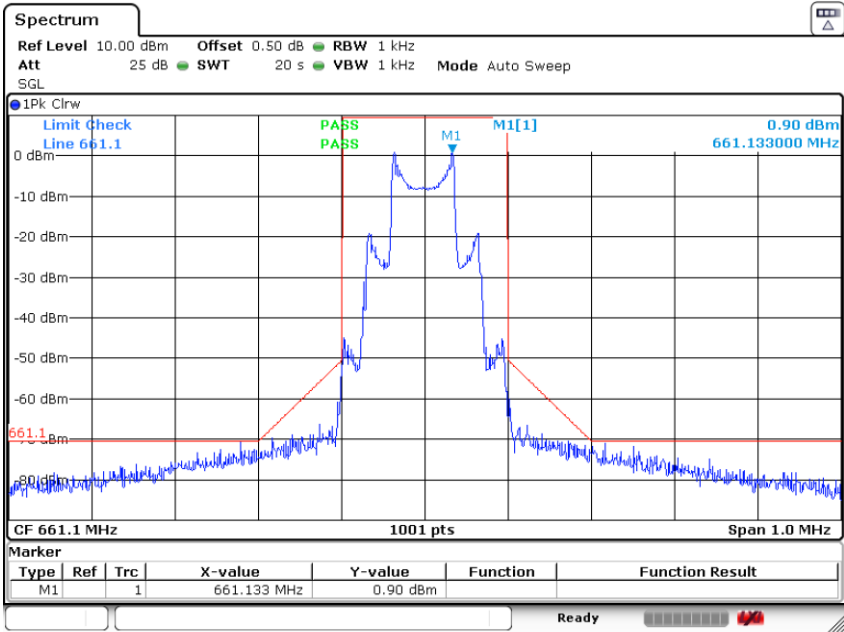
Date: 9.MAR.2026 06:15:03

Middle 660.2MHz



Date: 9.MAR.2026 06:26:07

High 661.1MHz



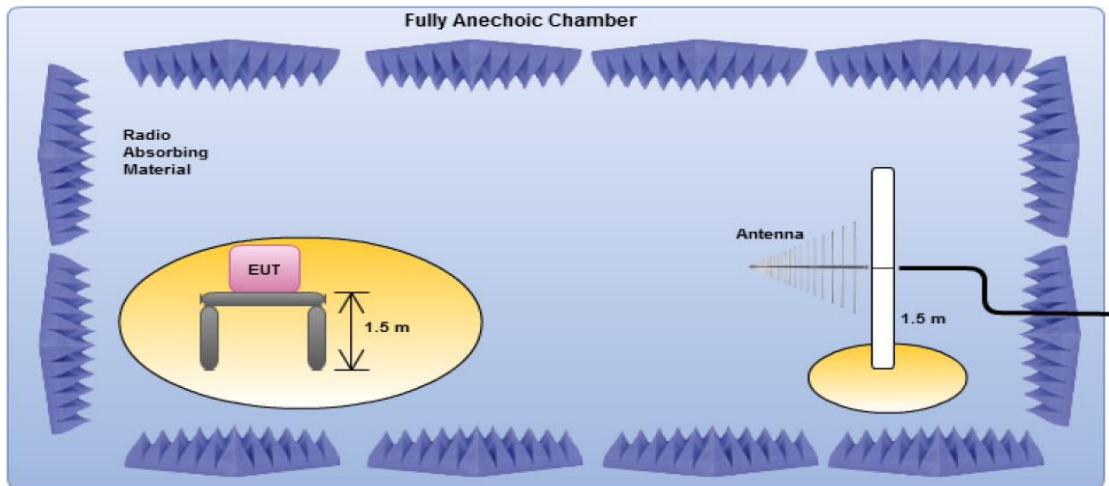
Date: 9.MAR.2026 06:28:10

7.RADIATED SPURIOUS EMISSIONS

7.1.Limit

According to FCC 15.236(g), Emissions outside of the emission masks listed in paragraphs (g)(1) through (g)(3) shall comply with the limits specified in section 4.2.4.1.2 of ETSI EN 300 422-1 V2.2.1 (2021-11).

7.2.Test Setup



7.3.Spectrum Analyzer Setting

For 30MHz-1GHz

Spectrum Parameters	Setting
RBW	100KHz
VBW	$\geq$ RBW
Start frequency	30MHz
Stop frequency	1GHz
Sweep Time	10 s - 20 s
Detector	RMS
Trace Mode	Clear Write

For Above 1GHz

Spectrum Parameters	Setting
RBW	1MHz
VBW	$\geq$ RBW
Start frequency	1GHz
Stop frequency	10 th harmonic of the operating frequency
Sweep Time	10 s - 20 s
Detector	RMS
Trace Mode	Clear Write

7.4. Test Procedure

- a. EUT was placed on a turn table, which is 1.5 meter high above ground.
- b. EUT is set 3 meters away from the receiving antenna, which is mounted on a antenna tower.
- c. Set the EUT transmit continuously with maximum output power.
- d. The measurement procedure refer to clause 5.4.4.2 of ETSI EN300 422-1 V2.2.1.
- e. Record the results in the test report.

Note:

The frequency 659.6MHz, 660.2MHz and 661.1MHz is fundamental frequency which no limit, the limit on plots is automatically generated by the software, it's not fundamental limit, we can't remove it.

7.5. Test Result

Radiated Emissions Below 1GHz

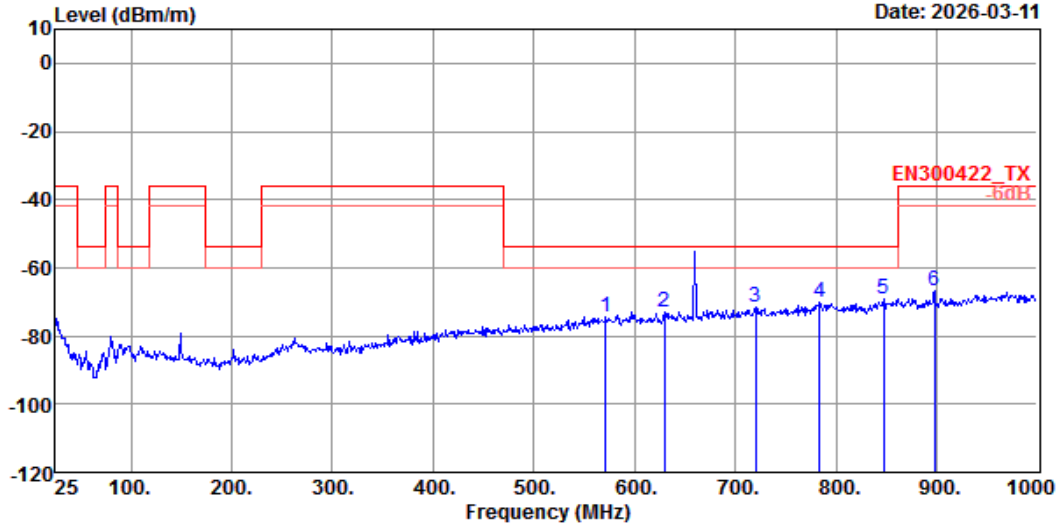
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Fax: +86-769-83081878

Data: 25

File: \\EMC-966-5\Test Data2\2026\Report\RFID\ Dong Sheng\SD-SL12.EM6 (60)

Date: 2026-03-11



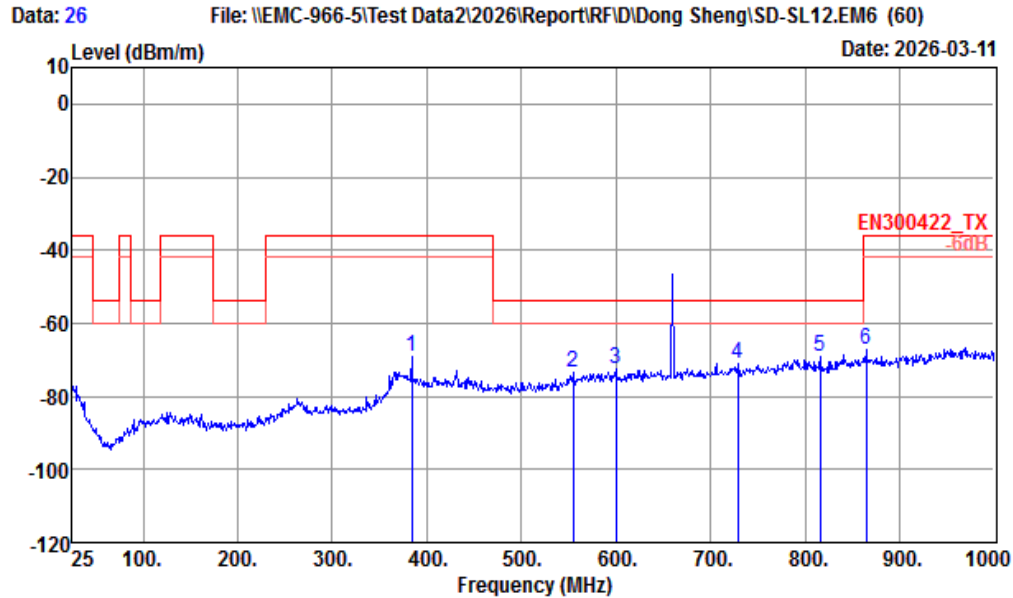
Site no. : 5# 966 Chamber Data no. : 25
Dis. / Ant. : 3m 54681 Ant. pol. : VERTICAL
Limit : EN300422_TX
Env. / Ins. : Temp:18.5℃;Humi:51%;Press:101.55kPa
Engineer : Aron Zhang
EUT : Wireless Mic
Power : DC 3V From Battery
M/N : SD-SL12
Test Mode : TX 659.6MHz
Sample No. : EST-260206004-003

Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBm)	Correction		Level (dBm)	Limits (dBm)	Margin	Type
				Factor (dB)	Emission (dB)				
1	571.00	19.59	4.36	-107.90	9.70	-74.25	-54.00	20.25	erp
2	629.50	19.95	4.59	-107.16	9.70	-72.92	-54.00	18.92	erp
3	720.18	20.90	4.95	-107.25	9.70	-71.70	-54.00	17.70	erp
4	783.55	21.94	5.19	-106.99	9.70	-70.16	-54.00	16.16	erp
5	846.93	22.51	5.41	-106.90	9.70	-69.28	-54.00	15.28	erp
6	897.63	22.64	5.58	-104.76	9.70	-66.84	-36.00	30.84	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

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Site no. : 5# 966 Chamber Data no. : 26
Dis. / Ant. : 3m 54681 Ant. pol. : HORIZONTAL
Limit : EN300422_TX
Env. / Ins. : Temp:18.5°C;Humi:51%;Press:101.55kPa
Engineer : Aron Zhang
EUT : Wireless Mic
Power : DC 3V From Battery
M/N : SD-SL12
Test Mode : TX 659.6MHz
Sample No. : EST-260206004-003

Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBm)	Correction Factor (dB)	Emission			Margin (dB)	Type
					Level (dBm)	Limits (dBm)			
1	383.80	14.88	3.54	-97.04	9.70	-68.92	-36.00	32.92	erp
2	554.43	19.23	4.29	-106.89	9.70	-73.67	-54.00	19.67	erp
3	600.25	19.90	4.48	-106.35	9.70	-72.27	-54.00	18.27	erp
4	728.95	20.72	4.98	-106.25	9.70	-70.85	-54.00	16.85	erp
5	815.73	21.62	5.30	-105.91	9.70	-69.29	-54.00	15.29	erp
6	864.48	22.75	5.47	-105.32	9.70	-67.40	-36.00	31.40	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.

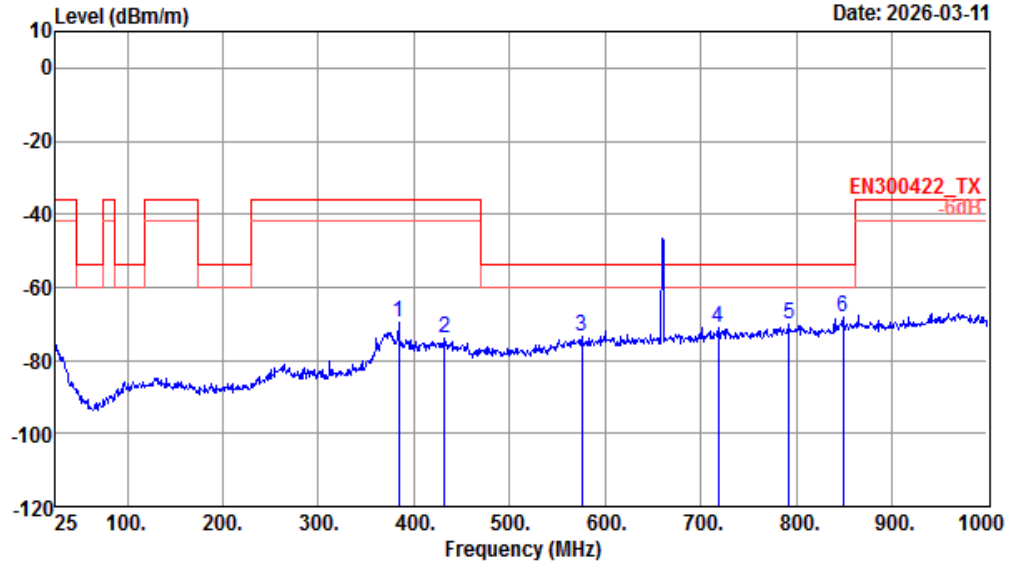
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Data: 27

File: \\EMC-966-5\Test Data2\2026\Report\RFID\Dong Sheng\SD-SL12.EM6 (60)

Date: 2026-03-11



Site no. : 5# 966 Chamber Data no. : 27
Dis. / Ant. : 3m 54681 Ant. pol. : HORIZONTAL
Limit : EN300422_TX
Env. / Ins. : Temp:18.5°C;Humi:51%;Press:101.55kPa
Engineer : Aron Zhang
EUT : Wireless Mic
Power : DC 3V From Battery
M/N : SD-SL12
Test Mode : TX 660.2MHz
Sample No. : EST-260206004-003

Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBm)	Correction Factor (dB)	Emission			
					Level (dBm)	Limits (dBm)	Margin (dB)	Type
1	383.80	14.88	3.54	-97.84	9.70	-69.72	-36.00	33.72 erp
2	431.58	16.55	3.76	-103.76	9.70	-73.75	-36.00	37.75 erp
3	575.88	19.54	4.38	-106.91	9.70	-73.29	-54.00	19.29 erp
4	718.23	20.78	4.94	-106.31	9.70	-70.89	-54.00	16.89 erp
5	792.33	21.96	5.22	-106.87	9.70	-69.99	-54.00	15.99 erp
6	848.88	22.57	5.42	-106.10	9.70	-68.41	-54.00	14.41 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.

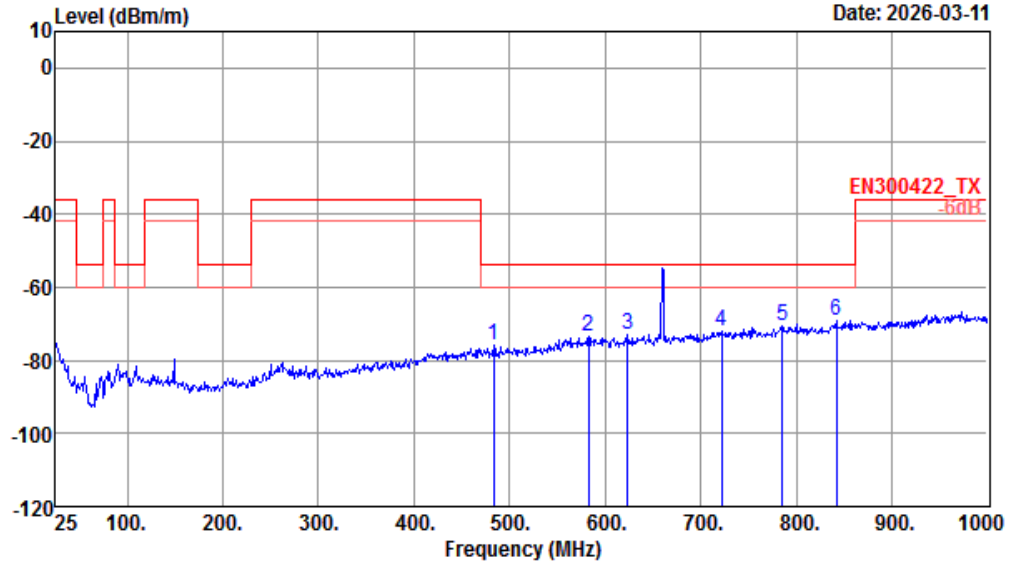
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Data: 28

File: \\EMC-966-5\Test Data2\2026\Report\RFID\Dong Sheng\SD-SL12.EM6 (60)

Date: 2026-03-11



Site no. : 5# 966 Chamber Data no. : 28
Dis. / Ant. : 3m 54681 Ant. pol. : VERTICAL
Limit : EN300422_TX
Env. / Ins. : Temp:18.5°C;Humi:51%;Press:101.55kPa
Engineer : Aron Zhang
EUT : Wireless Mic
Power : DC 3V From Battery
M/N : SD-SL12
Test Mode : TX 660.2MHz
Sample No. : EST-260206004-003

	Freq. (MHz)	Ant.	Cable		Correction Emission				Type
		Factor (dB/m)	Loss (dB)	Reading (dBm)	Factor (dB)	Level (dBm)	Limits (dBm)	Margin (dB)	
1	483.25	17.54	3.99	-107.31	9.70	-76.08	-54.00	22.08	erp
2	582.70	19.38	4.41	-106.89	9.70	-73.40	-54.00	19.40	erp
3	623.65	19.68	4.57	-106.73	9.70	-72.78	-54.00	18.78	erp
4	722.13	20.86	4.95	-107.57	9.70	-72.06	-54.00	18.06	erp
5	785.50	21.95	5.19	-107.44	9.70	-70.60	-54.00	16.60	erp
6	842.05	22.36	5.39	-106.81	9.70	-69.36	-54.00	15.36	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.

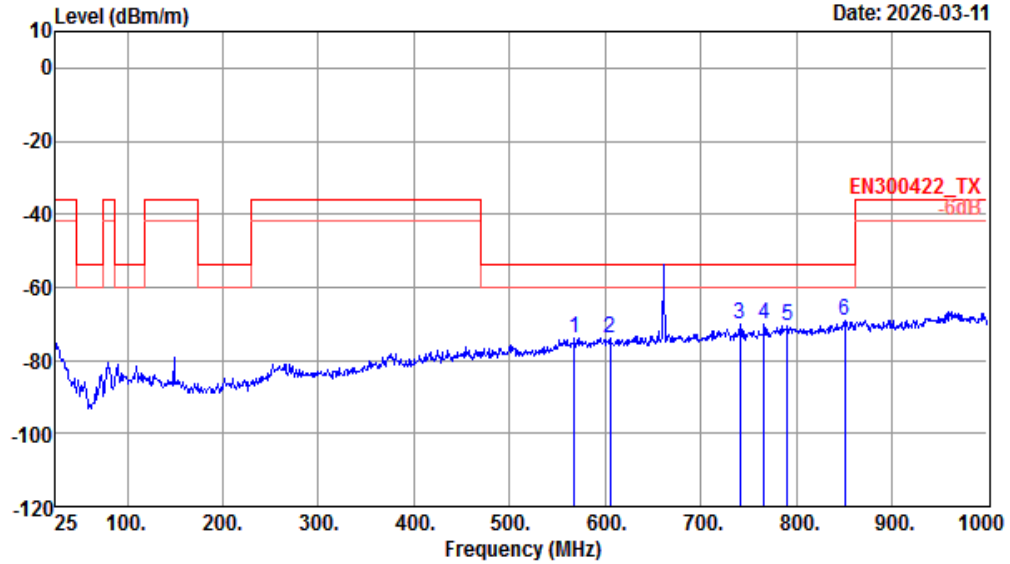
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Data: 29

File: \\EMC-966-5\Test Data2\2026\Report\RFID\Dong Sheng\SD-SL12.EM6 (60)

Date: 2026-03-11



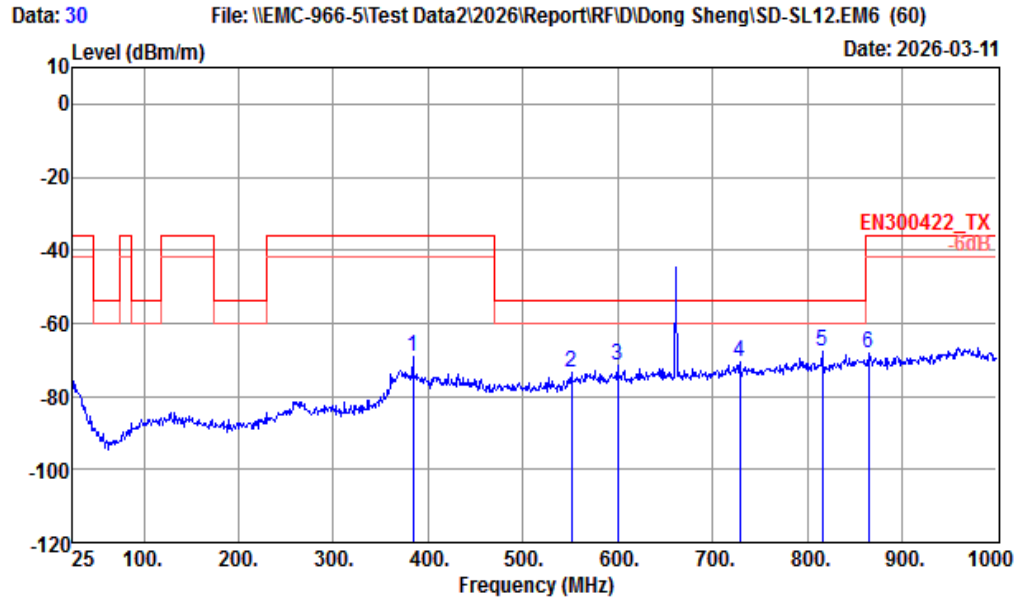
Site no. : 5# 966 Chamber Data no. : 29
Dis. / Ant. : 3m 54681 Ant. pol. : VERTICAL
Limit : EN300422_TX
Env. / Ins. : Temp:18.5°C;Humi:51%;Press:101.55kPa
Engineer : Aron Zhang
EUT : Wireless Mic
Power : DC 3V From Battery
M/N : SD-SL12
Test Mode : TX 661.1MHz
Sample No. : EST-260206004-003

	Freq. (MHz)	Ant.	Cable	Reading (dBm)	Correction Emission				Type
		Factor (dB/m)	Loss (dB)		Factor (dB)	Level (dBm)	Limits (dBm)	Margin (dB)	
1	568.08	19.58	4.35	-107.40	9.70	-73.77	-54.00	19.77	erp
2	605.13	19.55	4.50	-107.46	9.70	-73.71	-54.00	19.71	erp
3	740.65	21.47	5.03	-106.29	9.70	-70.09	-54.00	16.09	erp
4	766.00	21.42	5.12	-106.40	9.70	-70.16	-54.00	16.16	erp
5	790.38	22.00	5.21	-107.36	9.70	-70.45	-54.00	16.45	erp
6	850.83	22.62	5.42	-106.80	9.70	-69.06	-54.00	15.06	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.

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Site no. : 5# 966 Chamber Data no. : 30
Dis. / Ant. : 3m 54681 Ant. pol. : HORIZONTAL
Limit : EN300422_TX
Env. / Ins. : Temp:18.5°C;Humi:51%;Press:101.55kPa
Engineer : Aron Zhang
EUT : Wireless Mic
Power : DC 3V From Battery
M/N : SD-SL12
Test Mode : TX 661.1MHz
Sample No. : EST-260206004-003

	Freq. (MHz)	Ant.	Cable		Correction Emission				Type
		Factor (dB/m)	Loss (dB)	Reading (dBm)	Factor (dB)	Level (dBm)	Limits (dBm)	Margin (dB)	
1	383.80	14.88	3.54	-97.19	9.70	-69.07	-36.00	33.07	erp
2	551.50	19.09	4.27	-106.58	9.70	-73.52	-54.00	19.52	erp
3	600.25	19.90	4.48	-105.71	9.70	-71.63	-54.00	17.63	erp
4	728.95	20.72	4.98	-106.08	9.70	-70.68	-54.00	16.68	erp
5	815.73	21.62	5.30	-104.57	9.70	-67.95	-54.00	13.95	erp
6	864.48	22.75	5.47	-106.06	9.70	-68.14	-36.00	32.14	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.

Radiated Emissions Above 1G

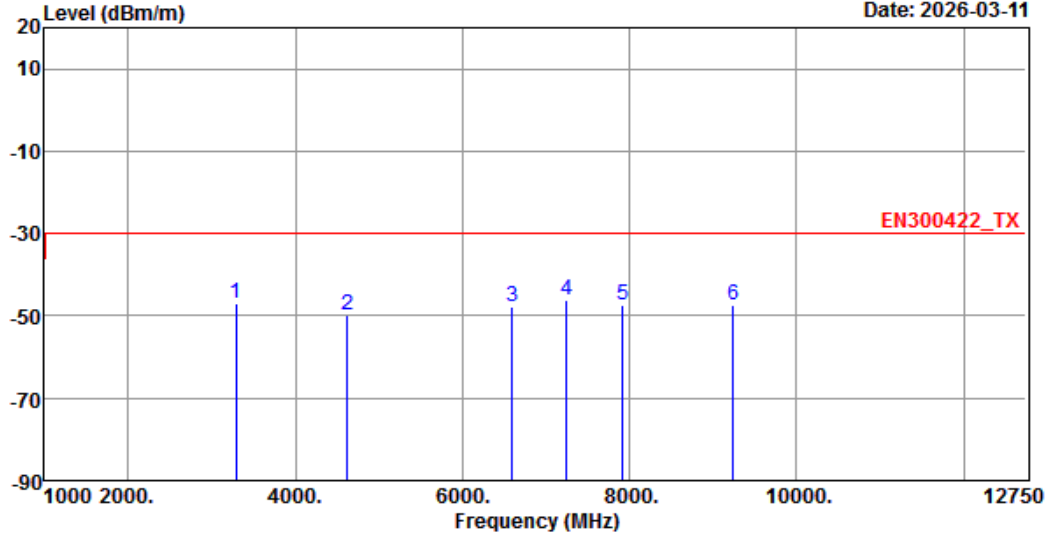
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Data: 55

File: \\EMC-966-5\Test Data2\2026\Report\RFID\ Dong Sheng\SD-SL12.EM6 (60)

Date: 2026-03-11



Site no. : 5# 966 Chamber Data no. : 55
Dis. / Ant. : 3m 9120D-1002 1-18G Ant. pol. : HORIZONTAL
Limit : EN300422_TX
Env. / Ins. : Temp:18.5°C;Humi:51%;Press:101.55kPa
Engineer : Aron Zhang
EUT : Wireless Mic
Power : DC 3V From Battery
M/N : SD-SL12
Test Mode : TX 659.6MHz
Sample No. : EST-260206004-003

	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	3291.25	28.30	4.28	43.40	-47.77	11.80	-46.79	-30.00	16.79	eirp
2	4619.00	31.78	5.19	43.27	-55.40	11.80	-49.90	-30.00	19.90	eirp
3	6593.00	35.50	6.33	43.40	-57.99	11.80	-47.76	-30.00	17.76	eirp
4	7251.00	36.65	6.72	43.35	-57.96	11.80	-46.14	-30.00	16.14	eirp
5	7920.75	37.62	6.91	43.22	-60.38	11.80	-47.27	-30.00	17.27	eirp
6	9236.75	38.95	7.31	42.93	-62.48	11.80	-47.35	-30.00	17.35	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.

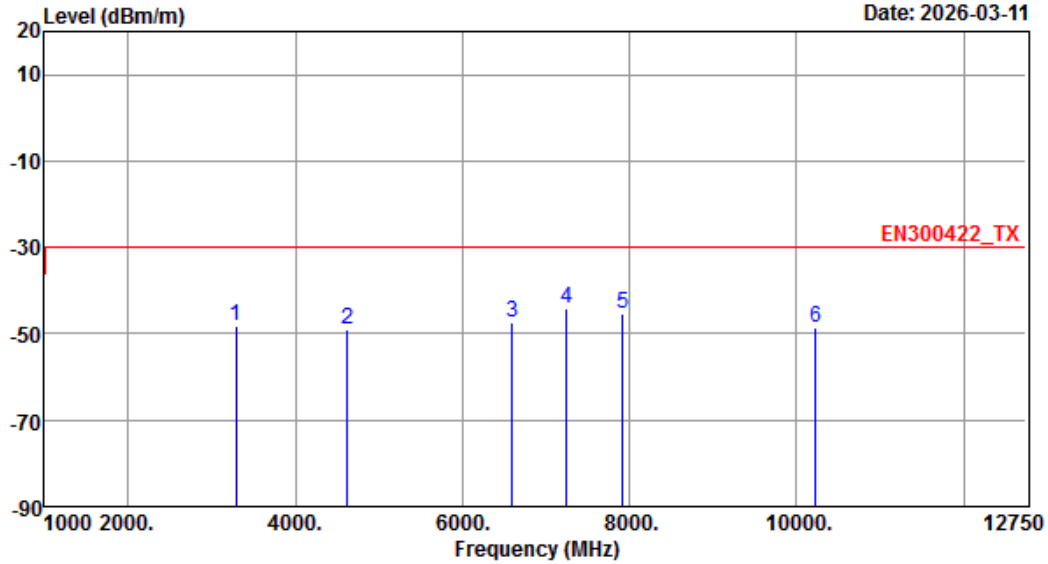
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Data: 56

File: \\EMC-966-5\Test Data2\2026\Report\RF\ID\ Dong Sheng\SD-SL12.EM6 (60)

Date: 2026-03-11



Site no. : 5# 966 Chamber Data no. : 56
 Dis. / Ant. : 3m 9120D-1002 1-18G Ant. pol. : VERTICAL
 Limit : EN300422_TX
 Env. / Ins. : Temp:18.5°C;Humi:51%;Press:101.55kPa
 Engineer : Aron Zhang
 EUT : Wireless Mic
 Power : DC 3V From Battery
 M/N : SD-SL12
 Test Mode : TX 659.6MHz
 Sample No. : EST-260206004-003

	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	3291.25	28.30	4.28	43.40	-49.25	11.80	-48.27	-30.00	18.27	eirp
2	4619.00	31.78	5.19	43.27	-54.42	11.80	-48.92	-30.00	18.92	eirp
3	6593.00	35.50	6.33	43.40	-57.73	11.80	-47.50	-30.00	17.50	eirp
4	7251.00	36.65	6.72	43.35	-55.78	11.80	-43.96	-30.00	13.96	eirp
5	7920.75	37.62	6.91	43.22	-58.33	11.80	-45.22	-30.00	15.22	eirp
6	10223.75	39.55	8.27	42.53	-65.87	11.80	-48.78	-30.00	18.78	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.

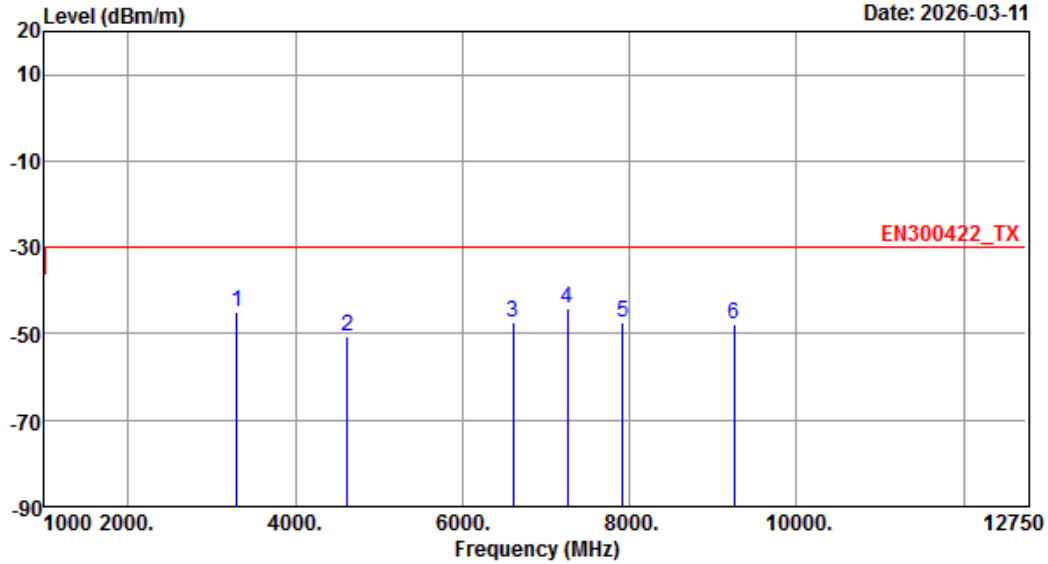
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Data: 57

File: \\EMC-966-5\Test Data2\2026\Report\RF\ID\ Dong Sheng\SD-SL12.EM6 (60)

Date: 2026-03-11



Site no. : 5# 966 Chamber Data no. : 57
Dis. / Ant. : 3m 9120D-1002 1-18G Ant. pol. : VERTICAL
Limit : EN300422_TX
Env. / Ins. : Temp:18.5°C;Humi:51%;Press:101.55kPa
Engineer : Aron Zhang
EUT : Wireless Mic
Power : DC 3V From Battery
M/N : SD-SL12
Test Mode : TX 660.2MHz
Sample No. : EST-260206004-003

		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	3303.00	28.30	4.28	43.40	-46.08	11.80	-45.10	-30.00	15.10	eirp
2	4619.00	31.78	5.19	43.27	-56.17	11.80	-50.67	-30.00	20.67	eirp
3	6604.75	35.48	6.34	43.40	-57.66	11.80	-47.44	-30.00	17.44	eirp
4	7262.75	36.65	6.72	43.35	-55.98	11.80	-44.16	-30.00	14.16	eirp
5	7920.75	37.62	6.91	43.22	-60.36	11.80	-47.25	-30.00	17.25	eirp
6	9248.50	38.95	7.31	42.93	-62.75	11.80	-47.62	-30.00	17.62	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.

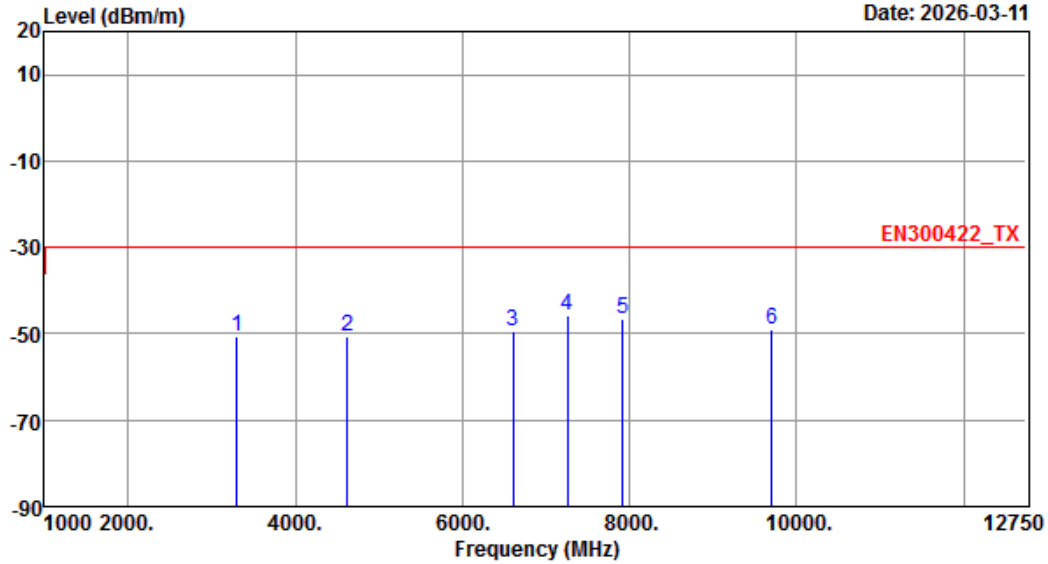
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Data: 58

File: \\EMC-966-5\Test Data2\2026\Report\RF\ID\ Dong Sheng\SD-SL12.EM6 (60)

Date: 2026-03-11



Site no. : 5# 966 Chamber Data no. : 58
Dis. / Ant. : 3m 9120D-1002 1-18G Ant. pol. : HORIZONTAL
Limit : EN300422_TX
Env. / Ins. : Temp:18.5°C;Humi:51%;Press:101.55kPa
Engineer : Aron Zhang
EUT : Wireless Mic
Power : DC 3V From Battery
M/N : SD-SL12
Test Mode : TX 660.2MHz
Sample No. : EST-260206004-003

		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	3303.00	28.30	4.28	43.40	-51.60	11.80	-50.62	-30.00	20.62	eirp
2	4619.00	31.78	5.19	43.27	-56.31	11.80	-50.81	-30.00	20.81	eirp
3	6604.75	35.48	6.34	43.40	-59.76	11.80	-49.54	-30.00	19.54	eirp
4	7262.75	36.65	6.72	43.35	-57.64	11.80	-45.82	-30.00	15.82	eirp
5	7920.75	37.62	6.91	43.22	-59.71	11.80	-46.60	-30.00	16.60	eirp
6	9706.75	40.40	7.80	42.79	-66.12	11.80	-48.91	-30.00	18.91	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.

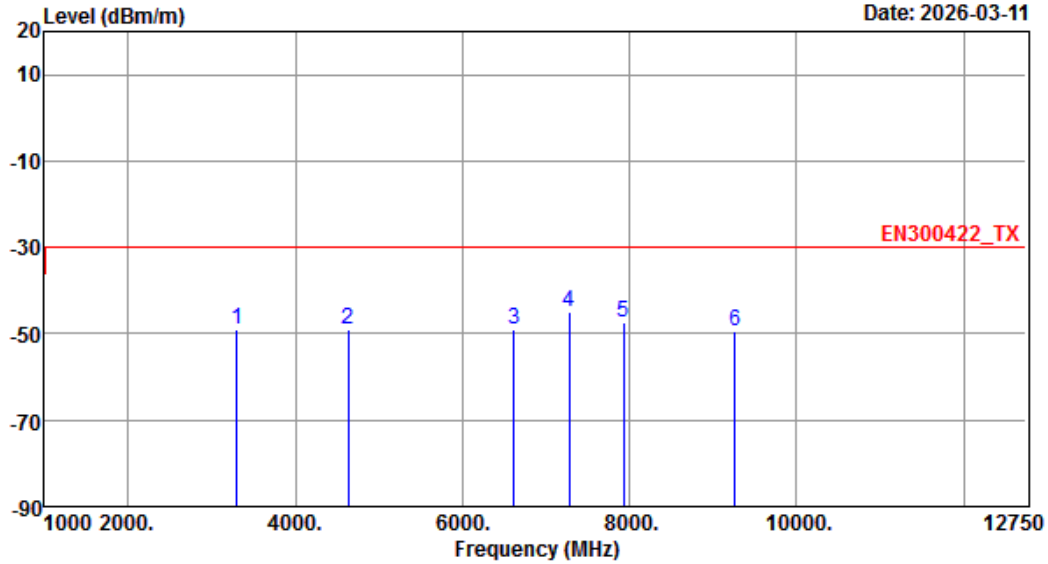
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Data: 59

File: \\EMC-966-5\Test Data2\2026\Report\RFID\ Dong Sheng\SD-SL12.EM6 (60)

Date: 2026-03-11



Site no. : 5# 966 Chamber Data no. : 59
Dis. / Ant. : 3m 9120D-1002 1-18G Ant. pol. : HORIZONTAL
Limit : EN300422_TX
Env. / Ins. : Temp:18.5°C;Humi:51%;Press:101.55kPa
Engineer : Aron Zhang
EUT : Wireless Mic
Power : DC 3V From Battery
M/N : SD-SL12
Test Mode : TX 661.1MHz
Sample No. : EST-260206004-003

	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	3303.00	28.30	4.28	43.40	-49.86	11.80	-48.88	-30.00	18.88	eirp
2	4630.75	31.87	5.20	43.27	-54.67	11.80	-49.07	-30.00	19.07	eirp
3	6616.50	35.48	6.34	43.40	-59.11	11.80	-48.89	-30.00	18.89	eirp
4	7274.50	36.50	6.72	43.35	-56.42	11.80	-44.75	-30.00	14.75	eirp
5	7932.50	37.73	6.92	43.21	-60.65	11.80	-47.41	-30.00	17.41	eirp
6	9260.25	38.93	7.33	42.92	-64.37	11.80	-49.23	-30.00	19.23	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.

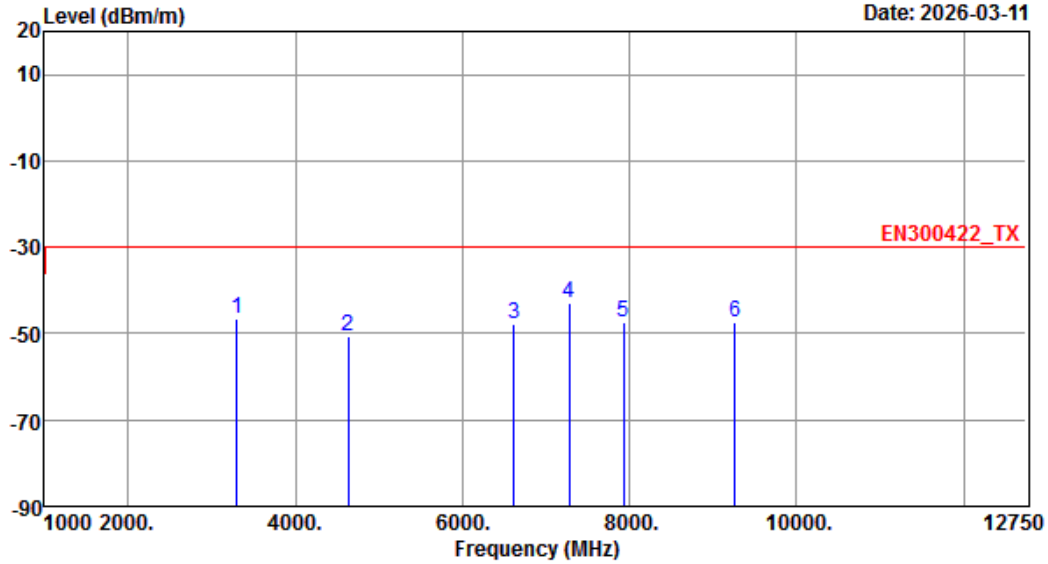
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Data: 60

File: \\EMC-966-5\Test Data2\2026\Report\RF\ID\ Dong Sheng\SD-SL12.EM6 (60)

Date: 2026-03-11



Site no. : 5# 966 Chamber Data no. : 60
Dis. / Ant. : 3m 9120D-1002 1-18G Ant. pol. : VERTICAL
Limit : EN300422_TX
Env. / Ins. : Temp:18.5°C;Humi:51%;Press:101.55kPa
Engineer : Aron Zhang
EUT : Wireless Mic
Power : DC 3V From Battery
M/N : SD-SL12
Test Mode : TX 661.1MHz
Sample No. : EST-260206004-003

	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	3303.00	28.30	4.28	43.40	-47.36	11.80	-46.38	-30.00	16.38	eirp
2	4630.75	31.87	5.20	43.27	-56.37	11.80	-50.77	-30.00	20.77	eirp
3	6616.50	35.48	6.34	43.40	-58.08	11.80	-47.86	-30.00	17.86	eirp
4	7274.50	36.50	6.72	43.35	-54.76	11.80	-43.09	-30.00	13.09	eirp
5	7932.50	37.73	6.92	43.21	-60.49	11.80	-47.25	-30.00	17.25	eirp
6	9260.25	38.93	7.33	42.92	-62.56	11.80	-47.42	-30.00	17.42	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.

8.TEST SETUP PHOTO

Radiated Test (Below 1GHz)



Radiated Test (Above 1GHz)



9.EUT PHOTO

External Photos M/N: SD-SL12



External Photos

M/N: SD-SL12



External Photos
M/N: SD-SL12



Internal Photos

M/N: SD-SL12



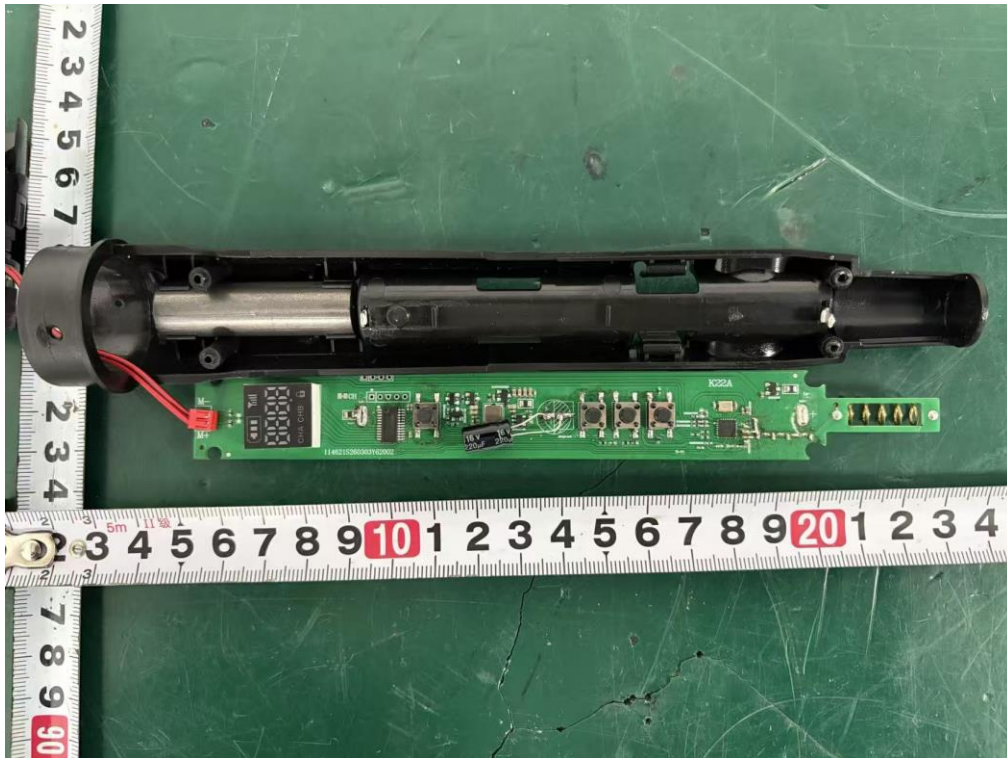
Internal Photos

M/N: SD-SL12



Internal Photos

M/N: SD-SL12

**End of Test Report**