



TEST REPORT

FCC ID:2BULR-KSS819

Applicant: Jiaxing Danhe E-Commerce Co., Ltd

Address: No. 88 Wuhuandong Road Shangjing Lanwan 22-403 Changshui Subdistrict
Jiaxing City Zhejiang 314000 China

Manufacturer: Fujian Woodshow Electronic Co.,Ltd.

Address: 1698 West Jinjiang Road, Hanjiang District, Putian, Fujian

EUT: Three in one wireless charger Bluetooth speaker alarm clock

Trade Mark: N/A

Model Number: KSS819-BR-WH, KSS819-WH-WH, KSS819-BL-WH, KSS819-WO-WH

Date of Receipt: Jan. 11, 2026

Test Date: Jan. 11, 2026 - Jan. 26, 2026

Date of Report: Jan. 26, 2026

Prepared By: Shenzhen DL Testing Technology Co., Ltd.

Address: 101-201, Comprehensive Building, Tongzhou Electronics Longgang Factory Area, No.1
Baolong Fifth Road, Baolong Community, Baolong Street, Longgang District, Shenzhen,
China

Applicable Standards: FCC PART 15 Subpart C
ANSI C63.10:2020

Test Result: Pass

Report Number: DLE-260122017R

Prepared (Engineer): Alisa Song

Reviewer (Supervisor): Jack Bu

Approved (Manager): Jade Yang



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 Shenzhen DL Testing Technology Co., Ltd.



TABLE OF CONTENT

Test Report Declaration	Page
1. VERSION	3
2. TEST SUMMARY	3
3. GENERAL INFORMATION	4
4. TEST INSTRUMENT USED	6
5. CONDUCTED EMISSION TEST	8
6. RADIATION EMISSION TEST	12
7. BANDWIDTH TEST	18
8. ANTENNA REQUIREMENT	19
9. SETUP PHOTOGRAPHS	19
10. EUT PHOTOGRAPHS	19

**1. VERSION**

Version No.	Date	Description
00	Jan. 26, 2026	Original

2. TEST SUMMARY

EMC Emission			
Test Item	Section in CFR 47	Result	Remark
AC Power Line Conducted Emission	15.207	PASS	
Spurious Emission	15.209(a)(f)	PASS	
20dB Bandwidth	15.215	PASS	
Antenna requirement	15.203	PASS	

TEST FACILITY:

(1) "N/A" denotes test is not applicable in this Test Report

Test Lab: Shenzhen DL Testing Technology Co., Ltd.

101-201, Comprehensive Building, Tongzhou Electronics Longgang Factory Area, No.1

Address: Baolong Fifth Road, Baolong Community, Baolong Street, Longgang District, Shenzhen, China

FCC Test Firm Registration Number: 854456

Designation Number: CN1307

IC Registered No.: 27485

CAB ID.: CN0118



3. GENERAL INFORMATION

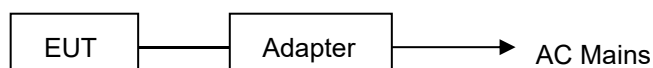
3.1 Description of Device (EUT)

Product Name: Three in one wireless charger Bluetooth speaker alarm clock
Trade Mark: N/A
Model No.: KSS819-BR-WH
Model Difference: All the same except the model number and the colour.
Serial No.: KSS819-WH-WH, KSS819-BL-WH, KSS819-WO-WH
Hardware version: H1.0
Software version: S1.0
Operation Frequency: 111kHz ~ 205KHz
Modulation type: MSK
Antenna Type: Inductive loop coil Antenna
Antenna gain: 0 dBi
Power supply: DC 5V from adapter input AC 120V/60HZ

3.2 Tested System Details

None.

3.3 Block Diagram of Test Set-up



3.4 Test Mode Description

Mode1. Wireless Output Mode (5W)	Mode 2. Wireless Output Mode (7.5W)
Mode 3. Wireless Output Mode (10W)	Mode 4. Wireless Output Mode (15W)

Note: 1. We have evaluated 1%, 50% and 99% battery charging mode, and the worst mode (99%) is showed in this report.

2. All modes have been tested, and the report only shows the results of the worst mode4.

3.5 Test Auxiliary Equipment

Mobile phone (Provide by test lab):	Adapter (Provide by test lab):
Manufacturer: SAMSUNG	Manufacturer: XIAOMI
Model: Galaxy S21 5G	Model: AD65G
	I/P: AC 100-240V 50/60Hz
	O/P: DC 5V/3A, DC 9V/3A, DC 10V/5A, DC 12V/3A, DC 15V/3A, DC 20V/3.25A



3.6 Test Uncertainty

Conducted Emission Uncertainty(150KHz-30MHz)	:	$\pm 2.56\text{dB}$
20dB Bandwidth	:	$\pm 0.5\text{kHz}$
Radiated Emission Uncertainty(9KHz-1GHz)	:	$\pm 3.24\text{dB}$

**4. TEST INSTRUMENT USED****For Radiated Emission Test (966 chamber)**

Name	Model No.	Serial No.	Manufacturer	Date of Cal.	Due Date
966 Shielded Room	966 Room	/	EMToni	2025/1/17	2028/1/16
EMI Test Receiver	ESCI	101178	Rohde & Schwarz	2025/6/10	2026/6/09
Spectrum Analyze (10Hz-26.5GHz)	N9020A	MY50510202	Agilent	2025/6/10	2026/6/09
Amplifier (30MHz-1GHz)	BBV 9743 B	00374	SCHWARZBECK	2025/6/10	2026/6/09
Bilog Antenna (30MHz-1GHz)	VULB9162	00473	SCHWARZBECK	2025/3/08	2026/3/07
Horn antenna (1GHz-18GHz)	BBHA 9120 D	02622	SCHWARZBECK	2025/3/10	2026/3/09
Preamplifier (1GHz-18GHz)	BBV 9718D	00042	SCHWARZBECK	2025/6/10	2026/6/09
Spectrum Analyze (1GHz-40GHz)	FSV 40	100952	Rohde & Schwarz	2025/6/10	2026/6/09
Preamplifier (15GHz-40GHz)	BBV 9721	0056	SCHWARZBECK	2025/3/10	2026/3/09
Broadband Antenna (15GHz-40GHz)	SAS-574	588	A.H.System	2025/3/10	2026/3/09
Loop Antenna (9KHz-30MHz)	FMZB1519B	014	SCHWARZBECK	2025/6/13	2026/6/12
Capacitive voltage probe	CVP 9222 C	00109	SCHWARZBECK	2025/6/10	2026/6/09
MXG Signal Analyzer	N9020A	MY50510202	Agilent	2025/6/10	2026/6/09
MXG Vector Signal Generator	N5182A	MY50140020	Agilent	2025/6/10	2026/6/09
MXG Analog Signal Generator	N5181A	MY47420919	Agilent	2025/6/10	2026/6/09
Power Meter	ML2485A	319502	Aritsu	2025/6/10	2026/6/09
Power Sensor	TR1029-2	512364	Techoy	2025/6/10	2026/6/09
RF Switch	TR1029-1	512364	Techoy	2025/6/10	2026/6/09
Cable	DA800- 4000MM	NA	DA	2025/6/10	2026/6/09
Cable	DA800- 11000MM	NA	DA	2025/6/10	2026/6/09

**For Conducted Emission Test (843 Shielded Room)**

Name	Model No.	Serial No.	Manufacturer	Date of Cal.	Due Date
944 Shielded Room	944 Room	/	EMToni	2025/1/17	2028/1/16
EMI Test Receiver	ESPI	101604	Rohde & Schwarz	2025/6/10	2026/6/09
LISN	ENV 216	102796	Rohde & Schwarz	2025/6/10	2026/6/09
LISN	VN1-13S	004023	CRANAGE	2025/6/10	2026/6/09
Cable	RG223-1500MM	NA	RG	2025/6/10	2026/6/09

Other

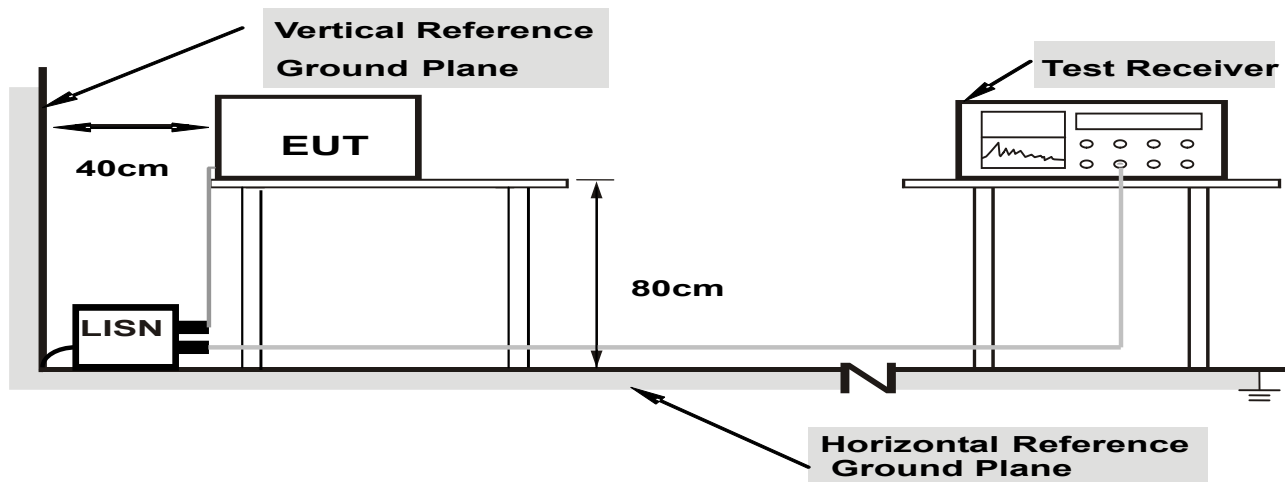
Item	Name	Manufacturer	Model	Software version
1	EMC Conduction Test System	FALA	EZ_EMCC	EMC-CON 3A1.1
2	EMC radiation test system	FALA	EZ_EMCC	FA-03A2
3	RF test system	MAIWEI	MTS8310	2.0.0.0
4	RF communication test system	MAIWEI	MTS8200	2.0.0.0



5. CONDUCTED EMISSION TEST

5.1 Block Diagram of Test Setup

For Mains Terminals Test



Note: 1.Support units were connected to second LISN.

2.Both of LISNs (AMN) are 80 cm from EUT and at least 80 cm from other units and other metal planes

5.2 Test Standard and Limit

FCC Part 15 Subpart C

Frequency MHz	Limits dB(μ V)	
	Quasi-peak Level	Average Level
0.15~0.50	66 ~ 56*	55 ~ 46*
0.50~5.00	56	46
5.00~30.00	60	50

Notes: 1. *Decreasing linearly with logarithm of frequency.

2. The lower limit shall apply at the transition frequencies.

5.3 EUT Configuration on Test

The following equipment's are installed on conducted emission test to meet FCC Part 15 Subpart C requirement and operating in a manner which tends to maximize its emission characteristics in a normal application.

5.4 Operating Condition of EUT

5.4.1 Setup the EUT and simulators as shown in Section 5.1.

5.4.2 Turn on the power of all equipments.

5.4.3 Let the EUT work in test modes and test it.



5.5 Test Procedure

The EUT is put on the table and connected to the AC mains through a Artificial Mains Network (AMN) or ISN. This provided a 50ohm coupling impedance for the tested equipments. Both sides of AC line are checked to find out the maximum conducted emission levels according to the **ANSI C63.10** regulations during conducted emission test.

The bandwidth of the test receiver (R&S Test Receiver ESR) is set at 10KHz.

The frequency range from 150 KHz to 30 MHz is investigated.

Notes:

- 1.An initial pre-scan was performed on the line and neutral lines with peak detector.
- 2.Quasi-Peak and Average measurement were performed at the frequencies with maximized peak emission.
- 3.Mesurement Level = Reading level + Correct Factor

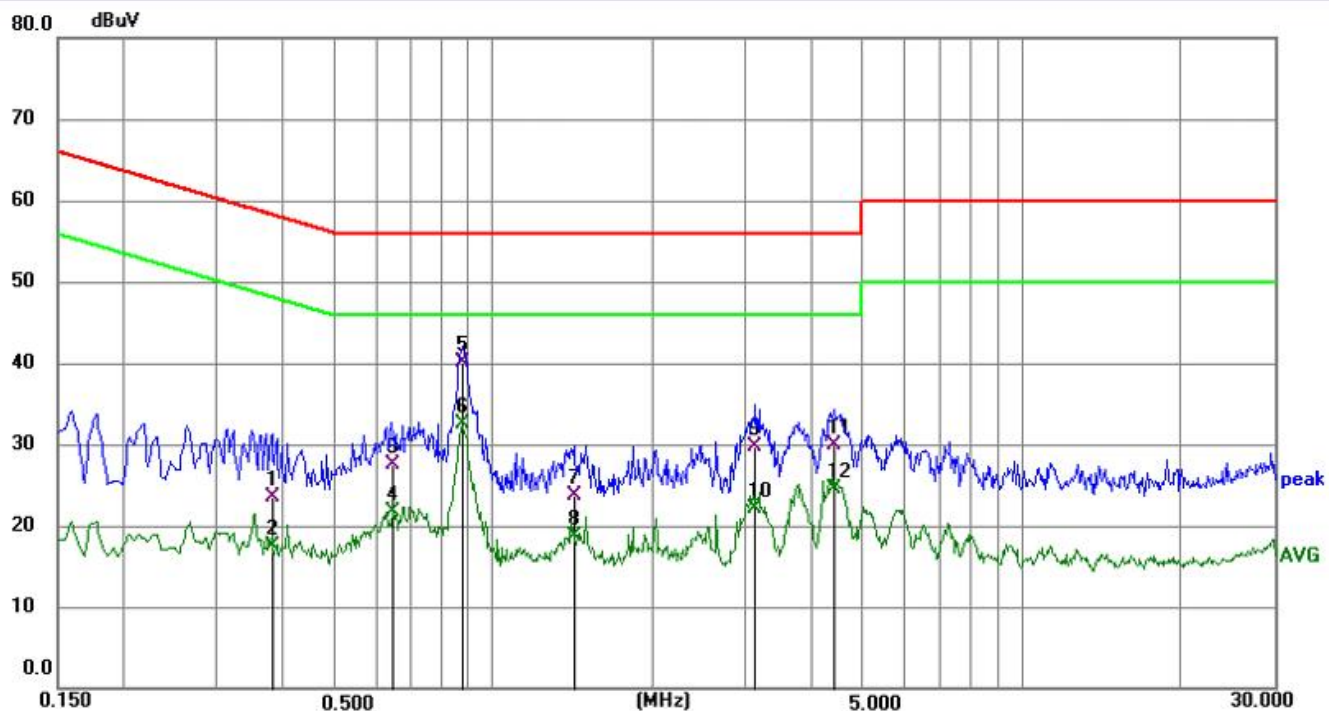
5.6 Test Result

PASS

Please refer to the following page.

**Conducted Emission Test Data**

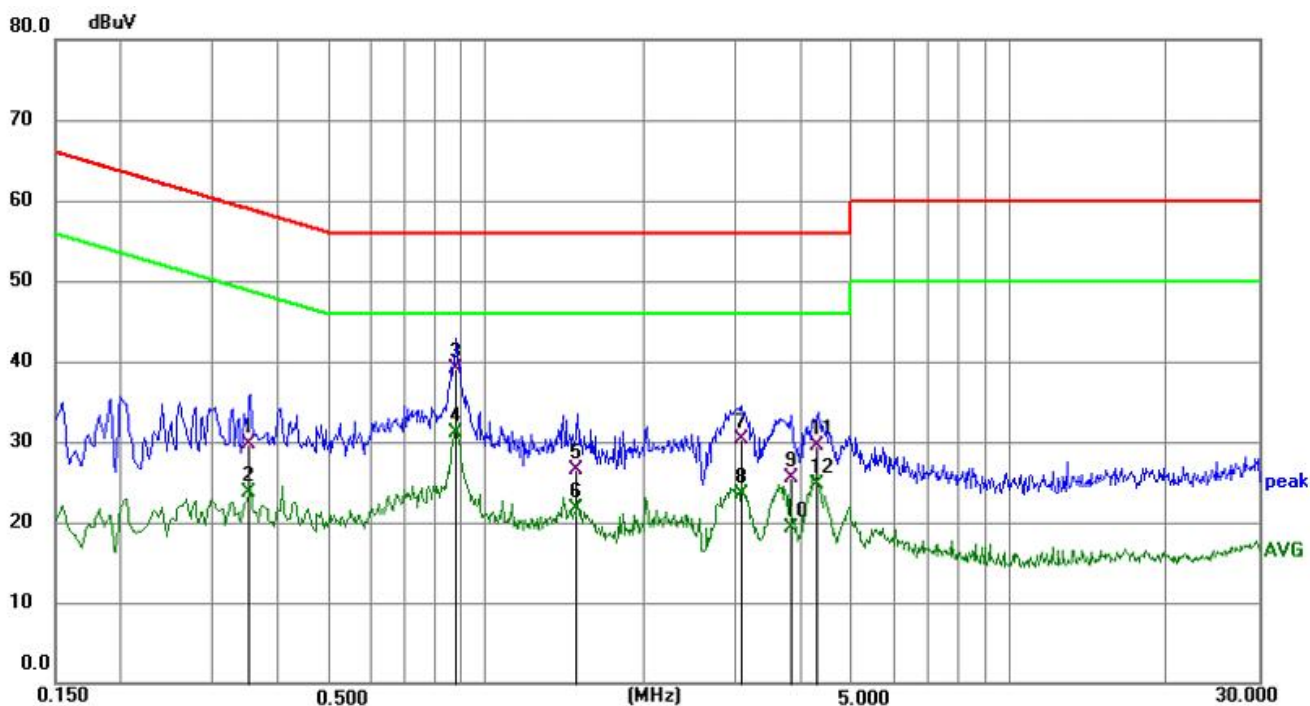
Temperature:	24.5 °C	Relative Humidity:	54%
Pressure:	1009hPa	Phase:	Line
Test Voltage:	AC 120V/60Hz	Test Mode:	Mode 4



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Detector	P/F
1	0.3805	4.02	19.49	23.51	58.27	-34.76	QP	P
2	0.3805	-1.92	19.49	17.57	48.27	-30.70	AVG	P
3	0.6456	7.94	19.50	27.44	56.00	-28.56	QP	P
4	0.6456	2.11	19.50	21.61	46.00	-24.39	AVG	P
5	0.8762	20.66	19.49	40.15	56.00	-15.85	QP	P
6 *	0.8762	13.00	19.49	32.49	46.00	-13.51	AVG	P
7	1.4194	4.26	19.51	23.77	56.00	-32.23	QP	P
8	1.4194	-0.72	19.51	18.79	46.00	-27.21	AVG	P
9	3.1203	10.13	19.57	29.70	56.00	-26.30	QP	P
10	3.1203	2.59	19.57	22.16	46.00	-23.84	AVG	P
11	4.4334	10.31	19.59	29.90	56.00	-26.10	QP	P
12	4.4334	4.95	19.59	24.54	46.00	-21.46	AVG	P

**Conducted Emission Test Data**

Temperature:	24.5 °C	Relative Humidity:	54%
Pressure:	1009hPa	Phase:	Neutral
Test Voltage:	AC 120V/60Hz	Test Mode:	Mode 4

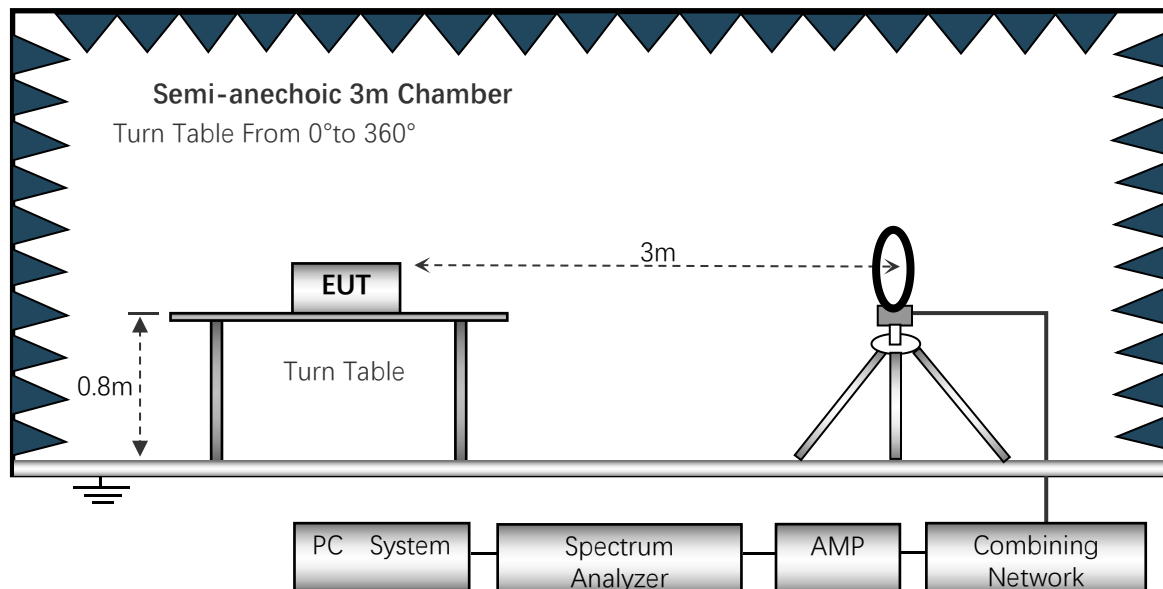


No.	Frequency (MHz)	Reading (dBuV)	Factor (dB)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Detector	P/F
1	0.3503	10.16	19.49	29.65	58.96	-29.31	QP	P
2	0.3503	4.16	19.49	23.65	48.96	-25.31	AVG	P
3	0.8771	19.51	19.50	39.01	56.00	-16.99	QP	P
4 *	0.8771	11.70	19.50	31.20	46.00	-14.80	AVG	P
5	1.4921	7.06	19.51	26.57	56.00	-29.43	QP	P
6	1.4921	2.26	19.51	21.77	46.00	-24.23	AVG	P
7	3.0807	10.65	19.57	30.22	56.00	-25.78	QP	P
8	3.0807	3.85	19.57	23.42	46.00	-22.58	AVG	P
9	3.8403	5.98	19.58	25.56	56.00	-30.44	QP	P
10	3.8403	-0.24	19.58	19.34	46.00	-26.66	AVG	P
11	4.3110	9.89	19.58	29.47	56.00	-26.53	QP	P
12	4.3110	5.18	19.58	24.76	46.00	-21.24	AVG	P

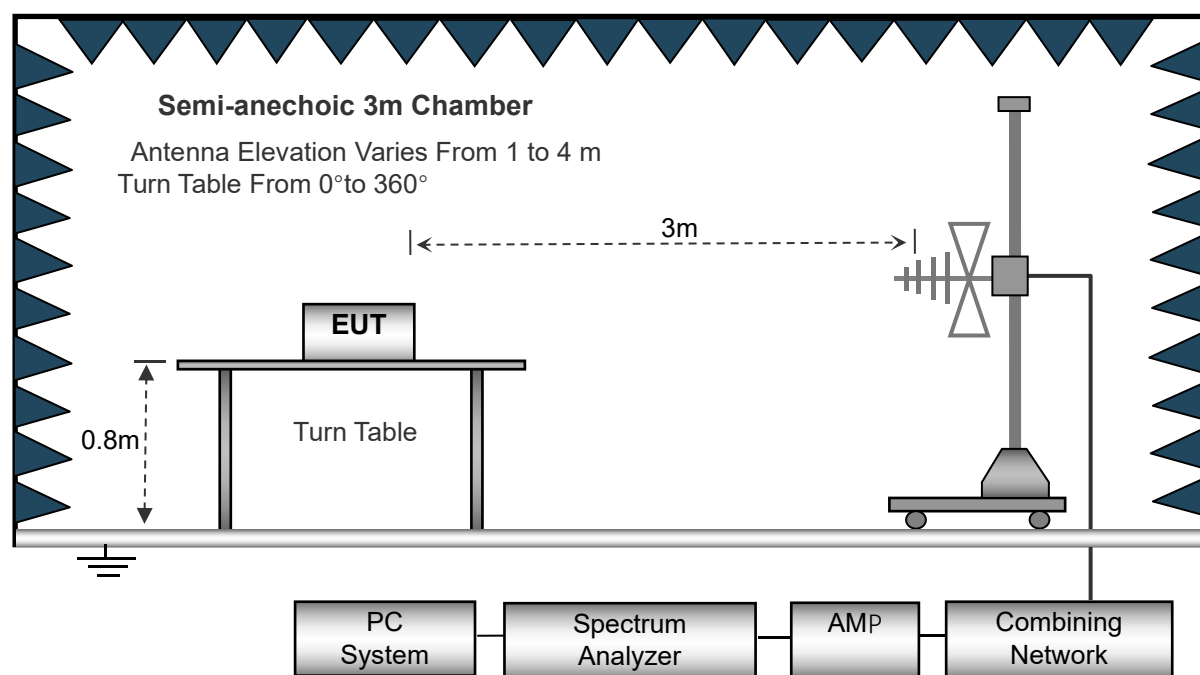
6. RADIATION EMISSION TEST

6.1 Block Diagram of Test Setup

Radiated Emission Test-Up Frequency Below 30MHz



Below 1GHz



6.2 Test Standard and Limit

FCC Part 15 Subpart C



Limits for frequency below 30MHz

Frequency	Limit (uV/m)	Measurement Distance(m)	Remark
0.009-0.090	2400/F(kHz)	300	AVERAGE
0.090-0.110	2400/F(kHz)	300	Quasi-peak Value
0.110-0.490	2400/F(kHz)	300	AVERAGE
0.490-1.705	24000/F(kHz)	30	Quasi-peak Value
1.705-30	30	30	Quasi-peak Value

Above 30MHz

Frequency (MHz)	Distance (Meters)	Field Strengths Limits (dBμV/m)	Remark
30 ~ 88	3	40.0	Quasi-peak Value
88 ~ 216	3	43.5	Quasi-peak Value
216 ~ 960	3	46.0	Quasi-peak Value
960 ~ 1000	3	54.0	Quasi-peak Value
Above 1000	3	74.0	PEAK
		54.0	AVERAGE

Remark:

(1) The smaller limit shall apply at the cross point between two frequency bands.

(2) Distance refers to the distance in meters between the measuring instrument, antenna and the closed point of any part of the device or system.

6.3 EUT Configuration on Test

The FCC Part 15 Subpart C regulations test method must be used to find the maximum emission during radiated emission test.

The configuration of EUT is the same as used in conducted emission test.

Please refer to Section 5.3.

6.4 Operating Condition of EUT

Same as conducted emission test, which is listed in Section 5.4 except the test set up replaced as Section 6.2.

6.5 Test Procedure

1) The radiated emissions test was conducted in a semi-anechoic chamber.

2) The tabletop EUT was placed upon a non-metallic table 0.8m above the ground reference plane. And for floor-standing arrangement, the EUT was placed on the horizontal ground reference plane, but separated from metallic contact with the ground reference plane by 0.1m of insulation.

3) Before final measurements of radiated emissions, a pre-scan was performed in the spectrum mode with the peak detector to find out the maximum emissions spectrum plots of the EUT.

4) The frequencies of maximum emission were determined in the final radiated emissions measurement. At each frequency, the EUT was rotated 360°, and the antenna was raised and lowered from 1 to 4 meters in order to determine the maximum disturbance. Measurements were performed for both horizontal and vertical antenna polarization.

5) The bandwidth setting on the field strength meter (R&S Test Receiver ESCI) is set at 120KHz.

6) The frequency range from 9KHz to 1000MHz is checked.

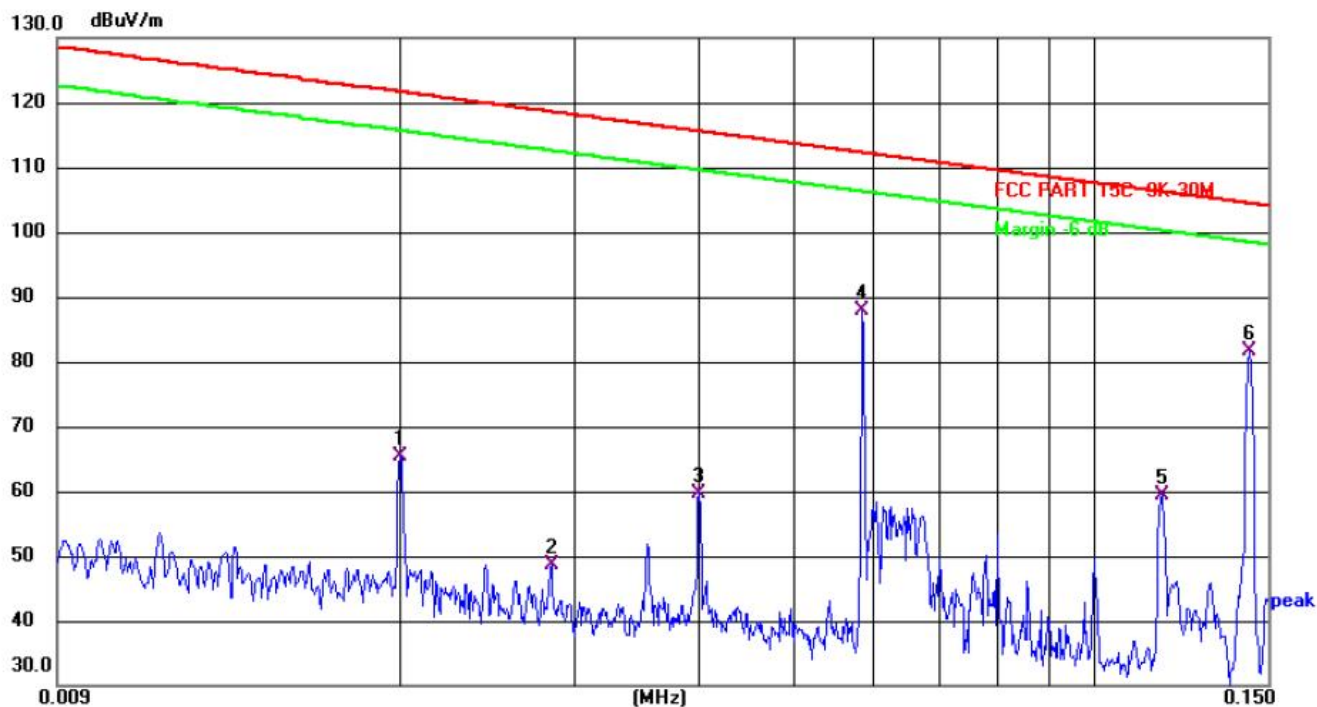
6.6 Test Result

PASS, Please refer to the following page.

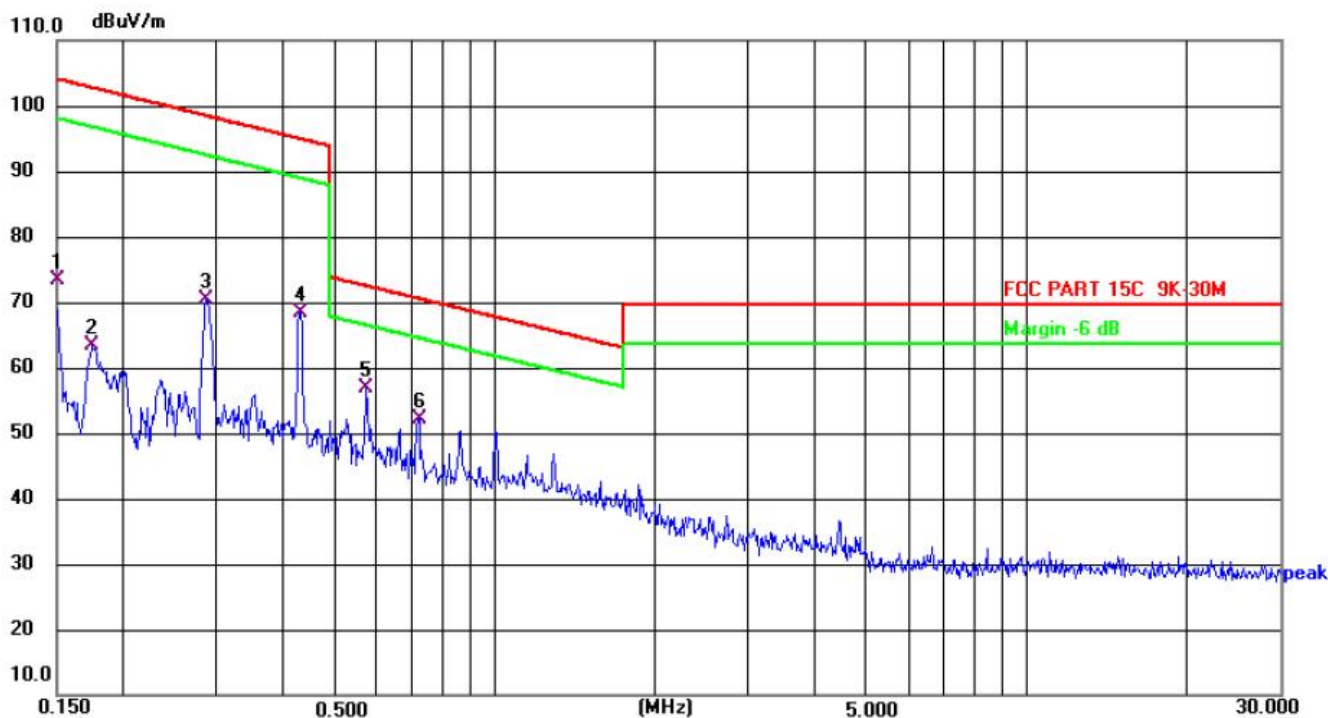


Radiation Emission Test Data 0.009MHz~30 MHz

Temperature:	24.5 °C	Relative Humidity:	54%
Pressure:	1009hPa	Polarization:	/
Test Voltage:	AC 120V/60Hz	Test Mode:	Mode 4



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	0.0203	37.05	28.27	65.32	121.57	-56.25	QP
2	0.0281	20.43	28.17	48.60	118.52	-69.84	QP
3	0.0408	31.74	28.02	59.76	115.55	-55.79	QP
4	0.0588	60.02	27.80	87.82	112.27	-24.45	QP
5	0.1174	32.05	27.22	59.27	106.23	-46.96	QP
6	0.1388	54.41	27.07	81.48	104.49	-23.01	QP



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	0.0203	37.05	28.27	65.32	121.57	-56.25	QP
2	0.0281	20.43	28.17	48.60	118.52	-69.84	QP
3	0.0408	31.74	28.02	59.76	115.55	-55.79	QP
4	0.0588	60.02	27.80	87.82	112.27	-24.45	QP
5	0.1174	32.05	27.22	59.27	106.23	-46.96	QP
6	0.1388	54.41	27.07	81.48	104.49	-23.01	QP

Note:

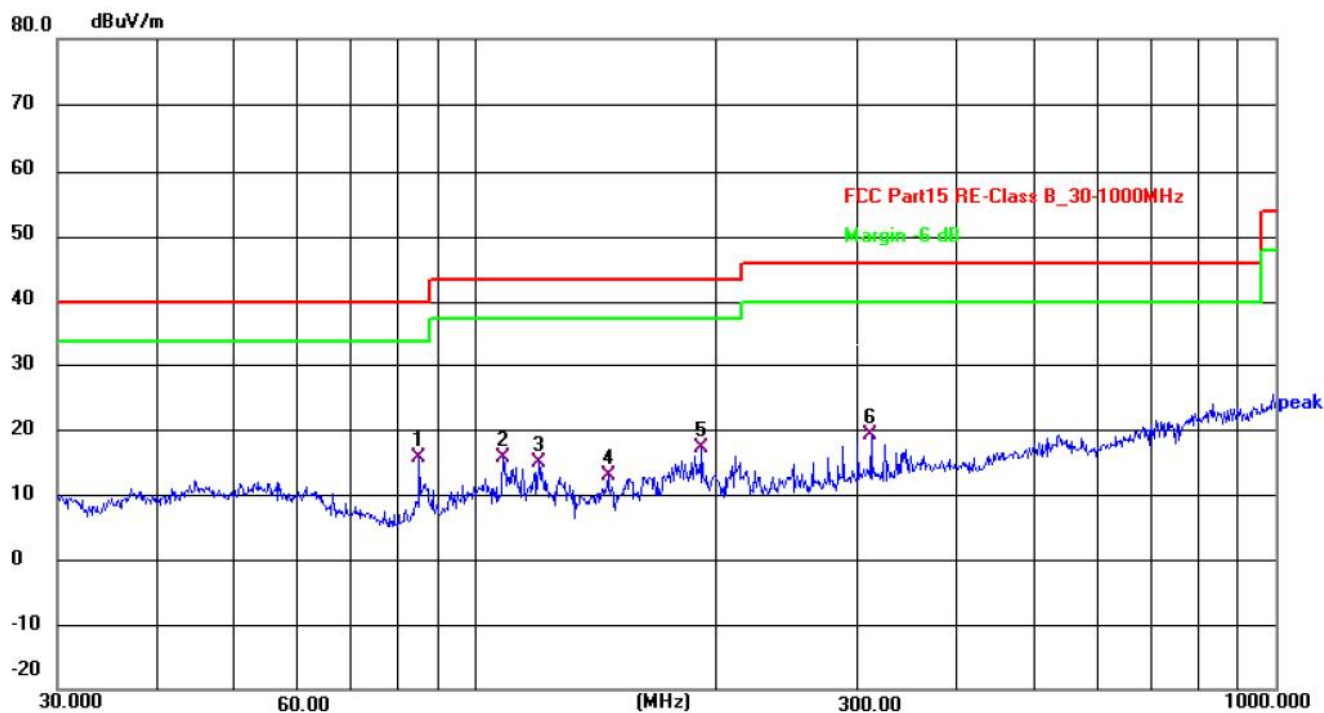
Pre-scan in the all of mode, the worst case in of was recorded.

Factor = antenna factor + cable loss – pre-amplifier.

Margin = Emission Level(Meter Reading+ Factor) - Limit.



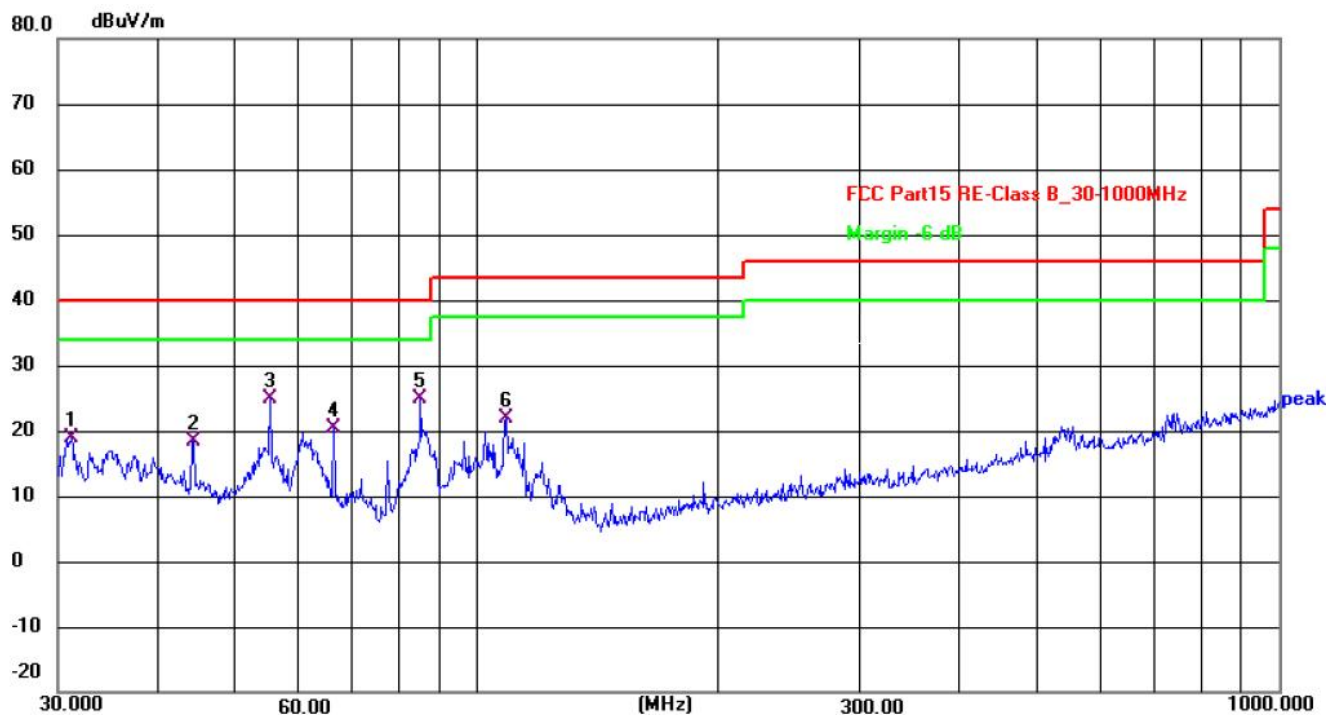
Radiation Emission Test Data			
Temperature:	24.5 °C	Relative Humidity:	54%
Pressure:	1009hPa	Polarization:	Horizontal
Test Voltage:	AC 120V/60Hz	Test Mode:	Mode 4



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	84.9993	34.78	-19.17	15.61	40.00	-24.39	QP
2	108.2666	31.30	-15.71	15.59	40.00	-24.41	QP
3	119.8555	32.13	-17.34	14.79	40.00	-25.21	QP
4	146.3734	32.24	-19.36	12.88	40.00	-27.12	QP
5	191.7450	34.04	-16.79	17.25	40.00	-22.75	QP
6	312.1792	32.54	-13.38	19.16	47.00	-27.84	QP



Radiation Emission Test Data			
Temperature:	24.5 °C	Relative Humidity:	54%
Pressure:	1009hPa	Polarization:	Vertical
Test Voltage:	AC 120V/60Hz	Test Mode:	Mode 4



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	31.1797	35.26	-16.38	18.88	40.00	-21.12	QP
2	44.2751	32.72	-14.42	18.30	40.00	-21.70	QP
3	55.2207	39.44	-14.64	24.80	40.00	-15.20	QP
4	66.2660	37.41	-16.95	20.46	40.00	-19.54	QP
5	84.9995	43.95	-19.17	24.78	40.00	-15.22	QP
6	108.6470	37.47	-15.71	21.76	40.00	-18.24	QP

Remarks:

- 1.Final Level =Receiver Read level + Correct factor (Antenna Factor + Cable Loss – Preamplifier Factor)
- 2.The emission levels of other frequencies are very lower than the limit and not show in test report.



8. ANTENNA REQUIREMENT

a) STANDARD REQUIREMENT

15.203 requirement: For intentional device, according to 15.203: an intentional radiator shall be designed to ensure that no antenna other than that furnished by the responsible party shall be used with the device.

b) EUT ANTENNA

The EUT antenna is Inductive loop coil Antenna. It comply with the standard requirement.

9. SETUP PHOTOGRAPHS

Reference to the setup photo for details.

10. EUT PHOTOGRAPHS

Reference to the external and internal photo for details.

***** END OF REPORT *****