FCC TEST REPORT

For

EPSILON ELECTRONICS,INC

Sound Table

Model No.: STSW-180MCM-G, ST-180MCM-G, STSW-180MCM-B, ST-180MCM-B, STSW-360MCM-G, ST-360MCM-G, ST-180TRD-G, ST-180TRD-B, ST-180AMA-G, ST-180AMA-B, ST-180ARTD-G, ST-180ARTD-B, ST-180RET-G, ST-180RET-B, ST-180MOD-G, ST-180MOD-B

Prepared For	:	EPSILON ELECTRONICS,INC
Address	:	1550 South Maple Ave. Montebello, CA 90640, U.S.A
Prepared By	:	Shenzhen Anbotek Compliance Laboratory Limited
Address	:	1/F, Building D, Sogood Science and Technology Park, Sanwei community, Hangcheng Street, Bao'an District, Shenzhen, Guangdong, China.518102 Tel: (86) 755-26066440 Fax: (86) 755-26014772
Report Number	:	SZAWW181218006-03
Date of Receipt	:	Dec. 18, 2018
Date of Test	:	Dec. 18, 2018~Jan. 05, 2019
Date of Report	:	Jan. 05, 2019

Contents

TEST REPORT

Applicant	:	EPSILON ELECTRONICS,INC
Manufacturer	:	DONGGUAN CITY BLUEMAN ELECTRONIC TECHNOLOGY CO., LTD.
Product Name	:	Sound Table
Model No.	:	STSW-180MCM-G, ST-180MCM-G, STSW-180MCM-B, ST-180MCM-B, STSW-360MCM-G, ST-360MCM-G, ST-180TRD-G, ST-180TRD-B, ST-180AMA-G, ST-180AMA-B, ST-180ARTD-G, ST-180ARTD-B, ST-180RET-G, ST-180RET-B, ST-180MOD-G, ST-180MOD-B
Trade Mark	:	SOUNDSTREAM
Rating(s)	:	Input: DC 18V, 3.5A(via adapter input:AC 100~240V,50/60Hz ,1.5A) Wireless Output: 5W *2 USB output: DC 5V, 2.4A

Test Standard(s)	**:**	**FCC Part15 Subpart C 2018, Paragraph 15.209**
Test Method(s)	**:**	**ANSI C63.10: 2013**

The device described above is tested by Shenzhen Anbotek Compliance Laboratory Limited to determine the maximum emission levels emanating from the device and the severe levels of the device can endure and its performance criterion. The measurement results are contained in this test report and Shenzhen Anbotek Compliance Laboratory Limited is assumed full of responsibility for the accuracy and completeness of these measurements. Also, this report shows that the EUT (Equipment Under Test) is technically compliant with the FCC Part 15 Subpart C requirements.

This report applies to above tested sample only and shall not be reproduced in part without written approval of Shenzhen Anbotek Compliance Laboratory Limited.

Date of Test: Dec. 18, 2018~Jan. 05, 2019

Prepared By: (Engineer / Oliay Yang)

Reviewer: (Supervisor / Snowy Meng)

Approved & Authorized Signer: (Manager / Sally Zhang)

1. General Information

1.1. Client Information

Applicant	:	EPSILON ELECTRONICS,INC
Address	:	1550 South Maple Ave. Montebello, CA 90640, U.S.A
Manufacturer	:	DONGGUAN CITY BLUEMAN ELECTRONIC TECHNOLOGY CO., LTD.
Address	:	Building B, No.5, Shunxing Five Road, Dajingtou Community, Dalang Town, Dongguan City, Guangdong Province
Factory	:	DONGGUAN CITY BLUEMAN ELECTRONIC TECHNOLOGY CO., LTD.
Address	:	Building B, No.5, Shunxing Five Road, Dajingtou Community, Dalang Town, Dongguan City, Guangdong Province

1.2. Description of Device (EUT)

Product Name	:	Sound Table	
Model No.	:	STSW-180MCM-G, ST-180MCM-G, STSW-180MCM-B, ST-180MCM-B, STSW-360MCM-G, ST-360MCM-G, ST-180TRD-G, ST-180TRD-B, ST-180AMA-G, ST-180AMA-B, ST-180ARTD-G, ST-180ARTD-B, ST-180RET-G, ST-180RET-B, ST-180MOD-G, ST-180MOD-B (Note: All samples are the same except the color, material and appearance, so we prepare "STSW-180MCM-G" for test only.)	
Trade Mark	:	SOUNDSTREAM	
Test Power Supply	:	AC 240V, 60Hz for adapter/ AC 120V, 60Hz for adapter	
Test Sample No.	:	S1(Normal Sample), S2(Engineering Sample)	
Product Description	:	Operation Frequency:	111~205KHz
		Modulation Type:	MSK
		Antenna Type:	Inductive loop coil Antenna
		Antenna Gain(Peak):	0 dBi
Remark: 1) For a more detailed features description, please refer to the manufacturer's specifications or the User's Manual.			

1.3. Auxiliary Equipment Used During Test

Adapter	:	Model: A653-1803500D Input: 100-240V~50/60Hz 1.5A Output: DC 18V, 3500mA
Mobile Phone	:	iPhone X

1.4. Description of Test Modes

To investigate the maximum EMI emission characteristics generates from EUT, the test system was pre-scanning tested base on the consideration of following EUT operation mode or test configuration mode which possible have effect on EMI emission level. Each of these EUT operation mode(s) or test configuration mode(s) mentioned above was evaluated respectively.

Pretest Mode	Description
Mode 1	Full load, Dual wireless charger module

For Conducted Emission	
Final Test Mode	Description
Mode 1	Full load, Dual wireless charger module

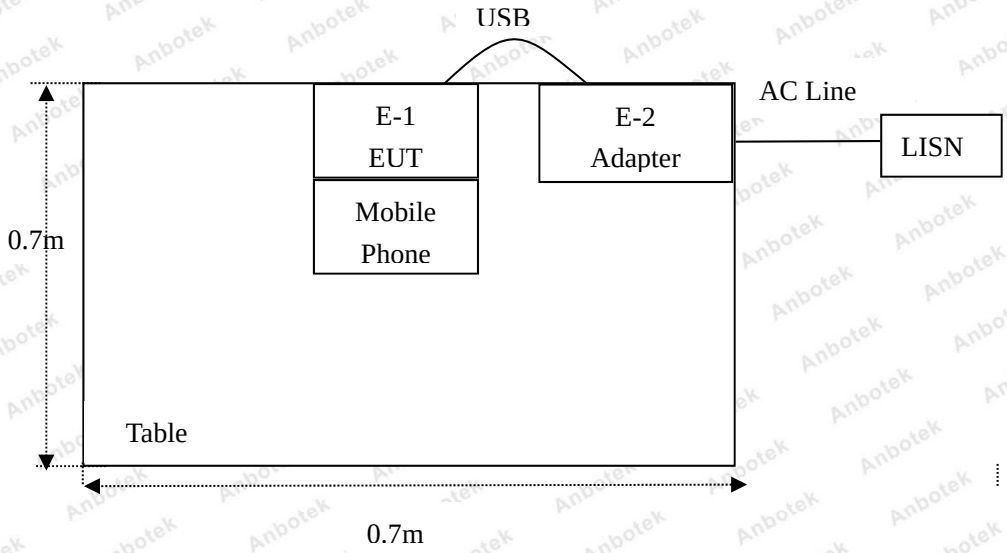
For Radiated Emission	
Final Test Mode	Description
Mode 1	Full load, Dual wireless charger module

Note: (1)Test channel for 5W*2 is 0.1199MHz.

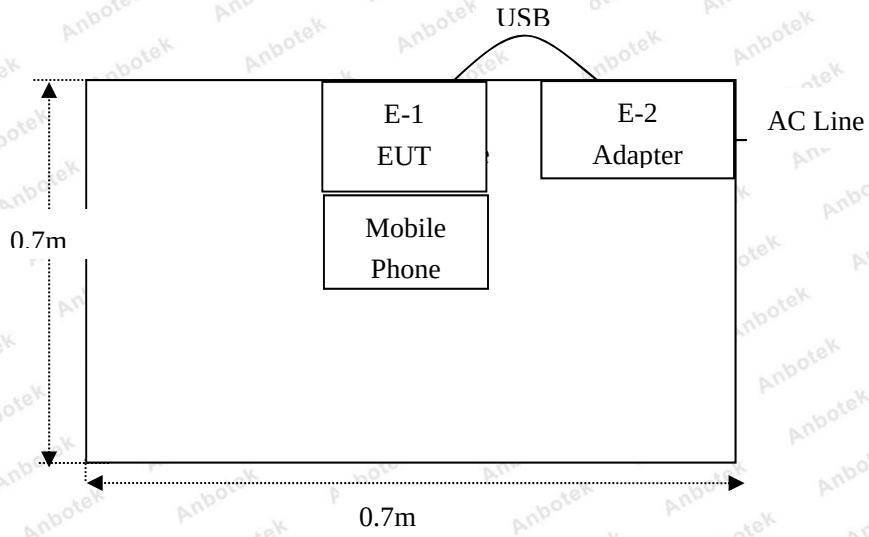
(2)All the situation(full load, half load and empty load) has been tested,only the worst situation (full load) was recorded in the report.

1.5. Description Of Test Setup

CE



RE



1.6. Test Equipment List

Item	Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Cal. Interval
1.	L.I.S.N. Artificial Mains Network	Rohde & Schwarz	ENV216	100055	Nov. 05, 2018	1 Year
2.	EMI Test Receiver	Rohde & Schwarz	ESPI3	101604	Nov. 05, 2018	1 Year
3.	RF Switching Unit	Compliance Direction	RSU-M2	38303	Nov. 05, 2018	1 Year
4.	Spectrum Analysis	Agilent	E4407B	US39390582	Nov. 05, 2018	1 Year
5.	MAX Spectrum Analysis	Agilent	N9020A	MY51170037	Nov. 05, 2018	1 Year
6.	Preamplifier	SKET Electronic	BK1G18G30D	KD17503	Nov. 05, 2018	1 Year
7.	Double Ridged Horn Antenna	Instruments corporation	GTH-0118	351600	Nov. 19, 2018	1 Year
8.	Bilog Broadband Antenna	Schwarzbeck	VULB9163	VULB 9163-289	Nov. 19, 2018	1 Year
9.	Loop Antenna	Schwarzbeck	FMZB1519B	00053	Nov. 19, 2018	1 Year
10.	Horn Antenna	A-INFO	LB-180400-KF	J211060628	Nov. 20, 2018	1 Year
11.	Pre-amplifier	SONOMA	310N	186860	Nov. 05, 2018	1 Year
12.	EMI Test Software EZ-EMC	SHURPLE	N/A	N/A	N/A	N/A
13.	RF Test Control System	YIHENG	YH3000	2017430	Nov. 05, 2018	1 Year
14.	Power Sensor	DAER	RPR3006W	15I00041SN045	Nov. 05, 2018	1 Year
15.	Power Sensor	DAER	RPR3006W	15I00041SN046	Nov. 05, 2018	1 Year
16.	MXA Spectrum Analysis	Agilent	N9020A	MY51170037	Nov. 05, 2018	1 Year
17.	MXG RF Vector Signal Generator	Agilent	N5182A	MY48180656	Nov. 05, 2018	1 Year
18.	Signal Generator	Agilent	E4421B	MY41000743	Nov. 05, 2018	1 Year
19.	DC Power Supply	IVYTECH	IV3605	1804D360510	Apr. 02, 2018	1 Year
20.	Constant Temperature Humidity Chamber	ZHONGJIAN	ZJ-KHWS80B	N/A	Nov. 01, 2018	1 Year

1.7. Description of Test Facility

The test facility is recognized, certified, or accredited by the following organizations:

FCC-Registration No.: 184111

Shenzhen Anbotek Compliance Laboratory Limited, EMC Laboratory has been registed and fully described in a report filed with the (FCC) Federal Communications Commission. The acceptance letter from the FCC is maintained in our files. Registration No. 184111, July 31, 2017.

ISED-Registration No.: 8058A-1

Shenzhen Anbotek Compliance Laboratory Limited, EMC Laboratory has been registered and fully described in a report filed with the (ISED) Innovation, Science and Economic Development Canada. The acceptance letter from the ISED is maintained in our files. Registration 8058A-1, June 13, 2016.

Test Location

Shenzhen Anbotek Compliance Laboratory Limited.

1/F, Building D, Sogood Science and Technology Park, Sanwei community, Hangcheng Street, Bao'an District, Shenzhen, Guangdong, China.518102

2. Summary of Test Results

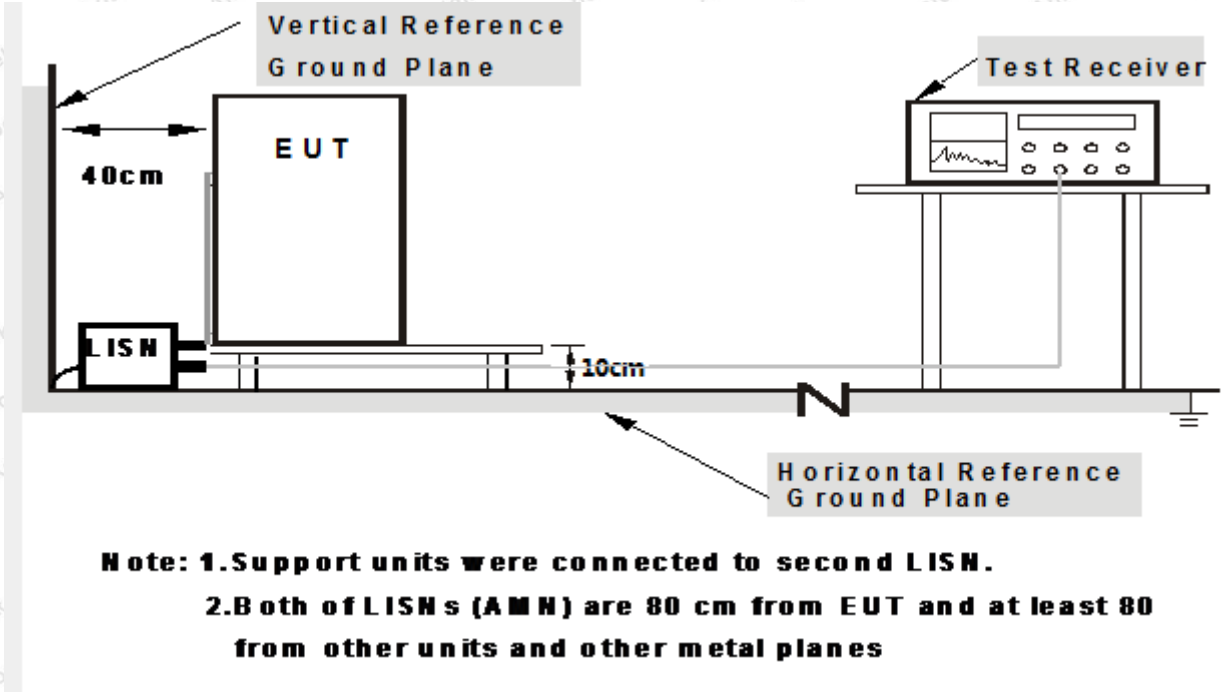
Standard Section	Test Item	Result
FCC Part 15, Paragraph 15.207	Conducted Emission Test	PASS
FCC Part 15, Paragraph 15.209(a)(f)	Spurious Emission	PASS
Part 15.203	Antenna Requirement	PASS

3. Conducted Emission Test

3.1. Test Standard and Limit

Test Standard	FCC Part15 Section 15.207		
Test Limit	Frequency	Maximum RF Line Voltage (dBuV)	
		Quasi-peak Level	Average Level
	150kHz~500kHz	66 ~ 56 *	56 ~ 46 *
	500kHz~5MHz	56	46
	5MHz~30MHz	60	50
Remark: (1) *Decreasing linearly with logarithm of the frequency. (2) The lower limit shall apply at the transition frequency.			

3.2. Test Setup



3.3. Test Procedure

The EUT system is connected to the power mains through a line impedance stabilization network (L.I.S.N.). This provides a 50ohm coupling impedance for the EUT system. Please refer the block diagram of the test setup and photographs. Both sides of AC line are checked to find out the maximum conducted emission. In order to find the maximum emission levels, the relative positions of equipment and all of the interface cables shall be changed according to FCC ANSI C63.10-2013 on Conducted Emission Measurement.

The bandwidth of test receiver (ESCI) set at 9kHz.

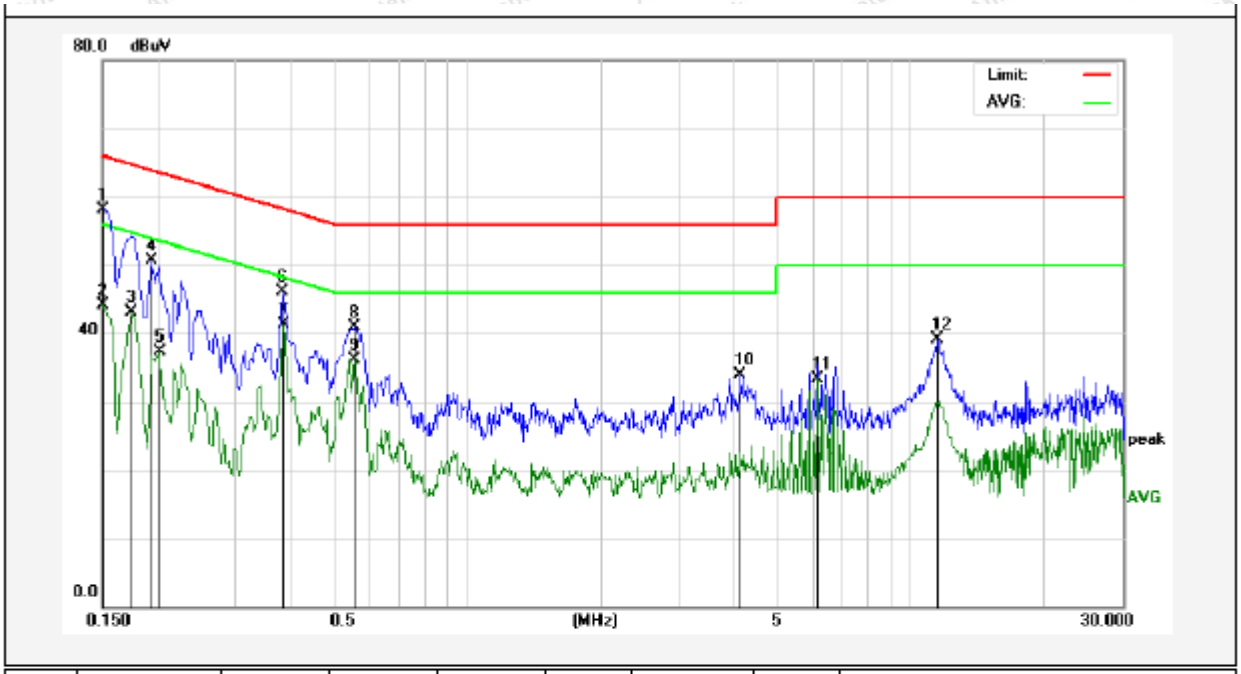
The frequency range from 150kHz to 30MHz is checked.

3.4. Test Data

Please to see the following pages

Conducted Emission Test Data

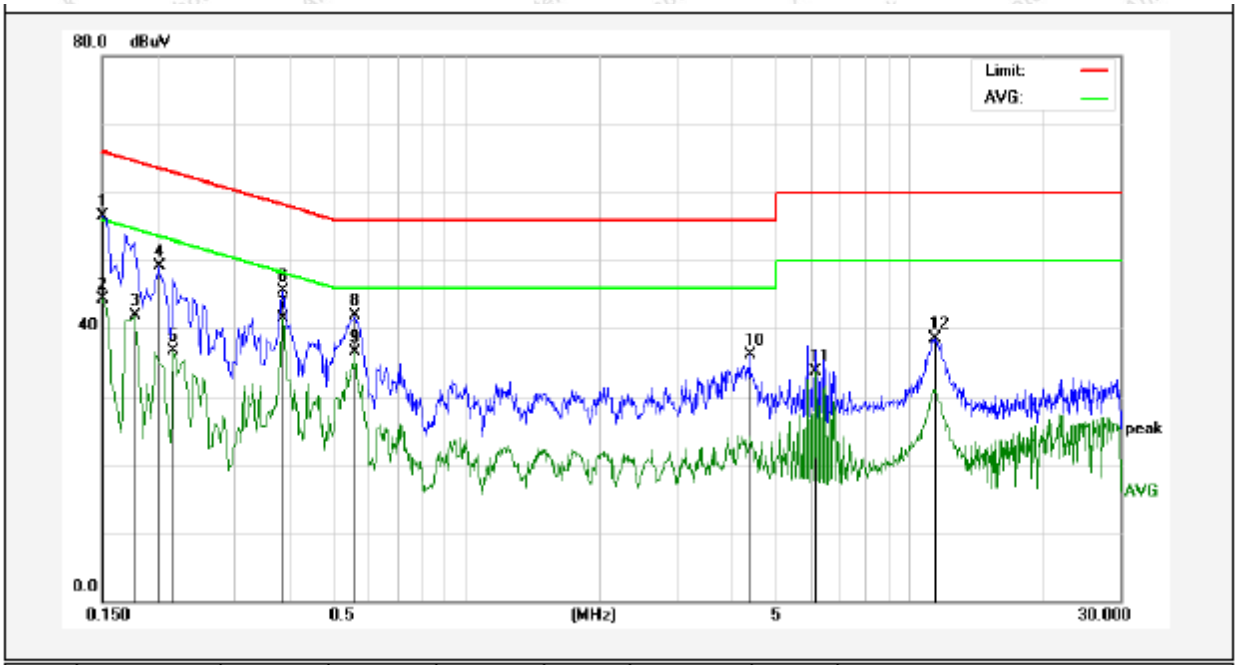
Test Site: 1# Shielded Room
Operating Condition: Mode 1
Test Specification: AC 240V, 60Hz for adapter
Comment: Live Line
Tem.: 22.6℃ Hum.: 42%



No.	Freq. (MHz)	Reading (dBuV)	Factor (dB)	Result (dBuV)	Limit dBuV	Over Limit (dB)	Detector	Remark
1	0.1500	38.25	19.90	58.15	65.99	-7.84	QP	
2	0.1500	24.23	19.90	44.13	55.99	-11.86	AVG	
3	0.1740	23.17	19.90	43.07	54.76	-11.69	AVG	
4	0.1940	30.81	19.90	50.71	63.86	-13.15	QP	
5	0.2020	17.43	19.90	37.33	53.52	-16.19	AVG	
6	0.3820	26.09	19.93	46.02	58.23	-12.21	QP	
7	0.3860	21.33	19.93	41.26	48.15	-6.89	AVG	
8	0.5580	20.89	20.00	40.89	56.00	-15.11	QP	
9	0.5580	16.13	20.00	36.13	46.00	-9.87	AVG	
10	4.1340	13.81	20.18	33.99	56.00	-22.01	QP	
11	6.1380	13.01	20.24	33.25	50.00	-16.75	AVG	
12	11.4780	18.78	20.32	39.10	60.00	-20.90	QP	

Conducted Emission Test Data

Test Site: 1# Shielded Room
Operating Condition: Mode 1
Test Specification: AC 240V, 60Hz for adapter
Comment: Neutral Line
Tem.: 22.6℃ Hum.: 42%



No.	Freq. (MHz)	Reading (dBuV)	Factor (dB)	Result (dBuV)	Limit dBuV	Over Limit (dB)	Detector	Remark
1	0.1500	36.64	19.90	56.54	65.99	-9.45	QP	
2	0.1500	24.47	19.90	44.37	55.99	-11.62	AVG	
3	0.1780	21.97	19.90	41.87	54.57	-12.70	AVG	
4	0.2020	29.15	19.90	49.05	63.52	-14.47	QP	
5	0.2180	16.72	19.90	36.62	52.89	-16.27	AVG	
6	0.3860	25.58	19.93	45.51	58.15	-12.64	QP	
7	0.3860	21.51	19.93	41.44	48.15	-6.71	AVG	
8	0.5620	21.94	20.00	41.94	56.00	-14.06	QP	
9	0.5620	16.53	20.00	36.53	46.00	-9.47	AVG	
10	4.3780	16.00	20.19	36.19	56.00	-19.81	QP	
11	6.1380	13.56	20.24	33.80	50.00	-16.20	AVG	
12	11.4420	18.09	20.32	38.41	60.00	-21.59	QP	

Conducted Emission Test Data

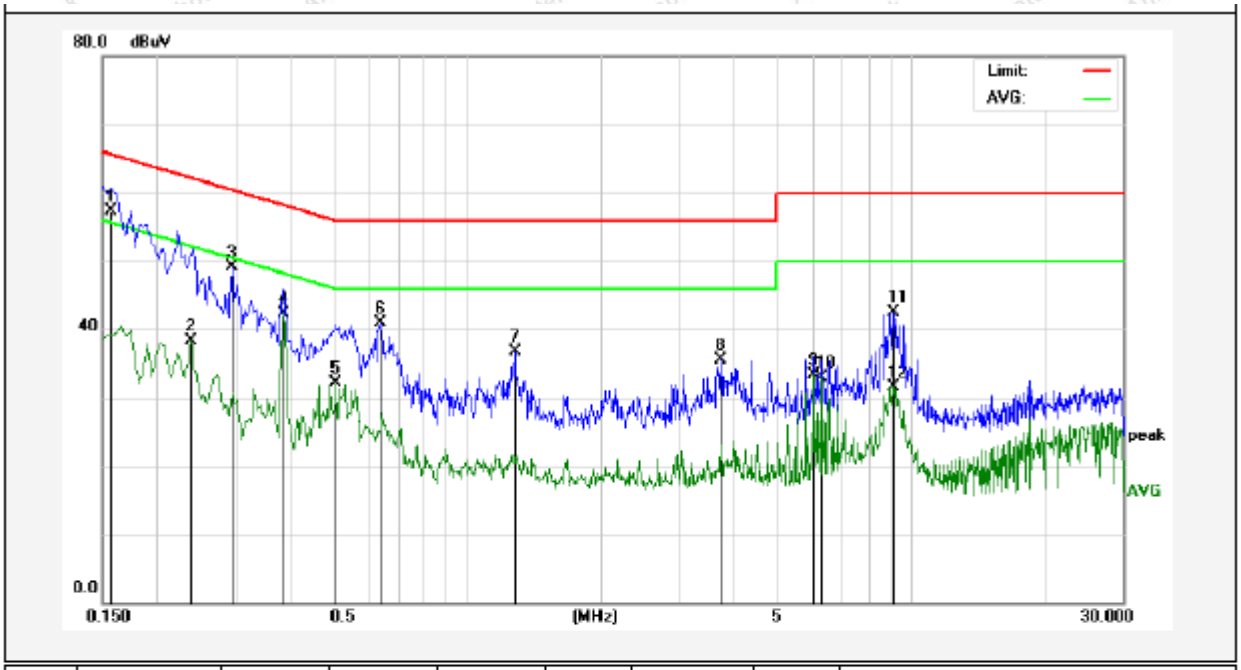
Test Site: 1# Shielded Room

Operating Condition: Mode 1

Test Specification: AC 120V, 60Hz for adapter

Comment: Live Line

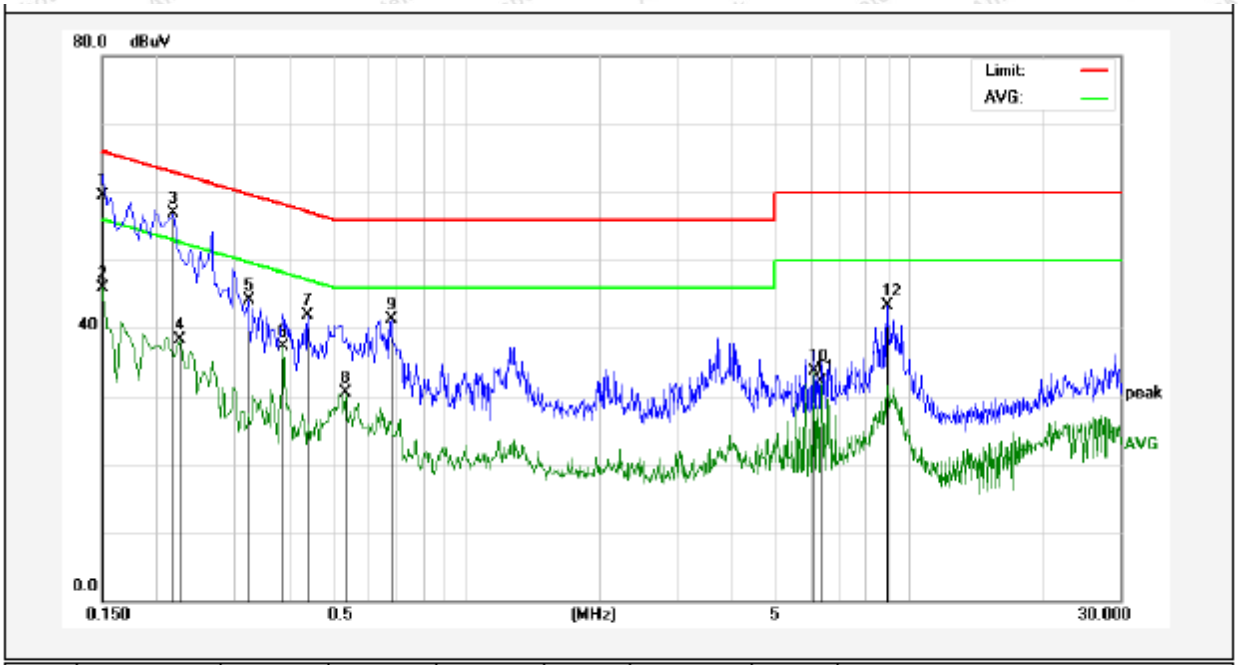
Tem.: 22.6℃ Hum.: 42%



No.	Freq. (MHz)	Reading (dBuV)	Factor (dB)	Result (dBuV)	Limit dBuV	Over Limit (dB)	Detector	Remark
1	0.1580	37.36	19.90	57.26	65.56	-8.30	QP	
2	0.2380	18.51	19.89	38.40	52.16	-13.76	AVG	
3	0.2940	29.13	19.89	49.02	60.41	-11.39	QP	
4	0.3860	22.43	19.93	42.36	48.15	-5.79	AVG	
5	0.5060	12.09	19.98	32.07	46.00	-13.93	AVG	
6	0.6340	20.85	20.02	40.87	56.00	-15.13	QP	
7	1.2820	16.61	20.13	36.74	56.00	-19.26	QP	
8	3.7260	15.43	20.17	35.60	56.00	-20.40	QP	
9	6.0460	13.11	20.23	33.34	50.00	-16.66	AVG	
10	6.3020	12.73	20.24	32.97	50.00	-17.03	AVG	
11	9.1180	22.27	20.32	42.59	60.00	-17.41	QP	
12	9.1180	11.23	20.32	31.55	50.00	-18.45	AVG	

Conducted Emission Test Data

Test Site: 1# Shielded Room
Operating Condition: Mode 1
Test Specification: AC 120V, 60Hz for adapter
Comment: Neutral Line
Tem.: 22.6℃ Hum.: 42%



No.	Freq. (MHz)	Reading (dBuV)	Factor (dB)	Result (dBuV)	Limit dBuV	Over Limit (dB)	Detector	Remark
1	0.1500	39.55	19.90	59.45	65.99	-6.54	QP	
2	0.1500	26.02	19.90	45.92	55.99	-10.07	AVG	
3	0.2180	37.00	19.90	56.90	62.89	-5.99	QP	
4	0.2260	18.46	19.89	38.35	52.59	-14.24	AVG	
5	0.3220	24.30	19.90	44.20	59.65	-15.45	QP	
6	0.3860	17.36	19.93	37.29	48.15	-10.86	AVG	
7	0.4380	22.03	19.95	41.98	57.10	-15.12	QP	
8	0.5340	10.48	19.99	30.47	46.00	-15.53	AVG	
9	0.6780	21.18	20.03	41.21	56.00	-14.79	QP	
10	6.0939	13.40	20.24	33.64	50.00	-16.36	AVG	
11	6.3500	11.83	20.24	32.07	50.00	-17.93	AVG	
12	8.9540	22.92	20.31	43.23	60.00	-16.77	QP	

4. Radiation Spurious Emission and Band Edge

4.1. Test Standard and Limit

Test Standard	FCC Part15 C Section 15.209 and 15.205				
Test Limit	Frequency (MHz)	Field strength (microvolt/meter)	Limit (dBuV/m)	Remark	Measurement distance (m)
	0.009MHz~0.490MHz	2400/F(kHz)	-	-	300
	0.490MHz-1.705MHz	24000/F(kHz)	-	-	30
	1.705MHz-30MHz	30	-	-	30
	30MHz~88MHz	100	40.0	Quasi-peak	3
	88MHz~216MHz	150	43.5	Quasi-peak	3
	216MHz~960MHz	200	46.0	Quasi-peak	3
	960MHz~1000MHz	500	54.0	Quasi-peak	3
	Above 1000MHz	500	54.0	Average	3
		-	74.0	Peak	3

Remark:
(1)The lower limit shall apply at the transition frequency.
(2) 15.35(b), Unless otherwise specified, the limit on peak radio frequency emissions is 20dB above the maximum permitted average emission limit applicable to the equipment under test. This peak limit applies to the total peak emission level radiated by the device.

4.2. Test Setup

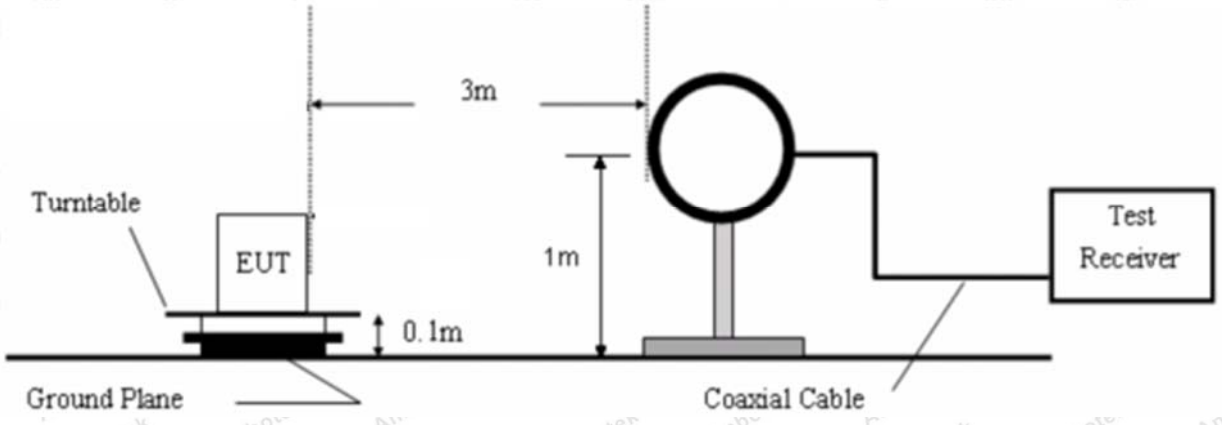


Figure 1. Below 30MHz

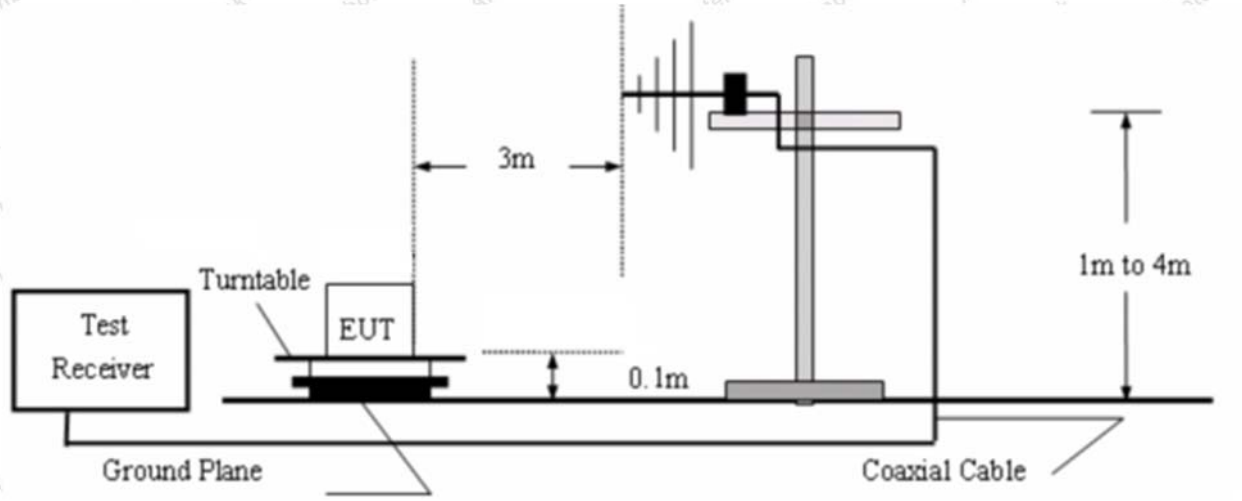


Figure 2. 30MHz to 1GHz

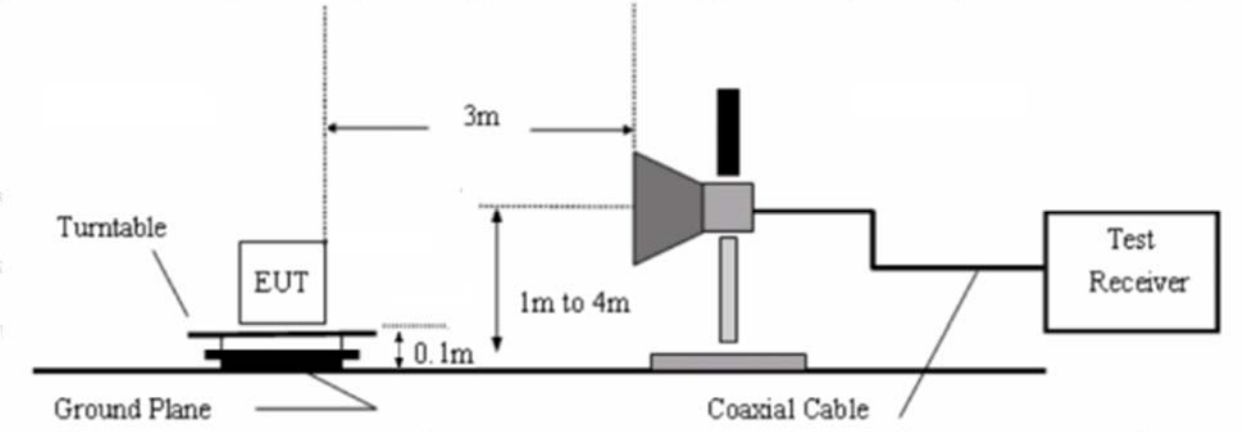


Figure 3. Above 1 GHz

4.3. Test Procedure

For below 1GHz: The EUT is placed on a turntable, which is 0.1m above the ground plane.
For above 1GHz: The EUT is placed on a turntable, which is 0.1m above the ground plane.
The turn table can rotate 360 degrees to determine the position of the maximum emission level. The EUT is set 3 meters away from the receiving antenna which is mounted on a antenna tower. The antenna can be moved up and down from 1 to 4 meters to find out the maximum emission level. Rotated the EUT through three orthogonal axes to determine the maximum emissions, both horizontal and vertical polarization of the antenna are set on test. The EUT is tested in 9*6*6 Chamber. The device is evaluated in xyz orientation.

For 9kHz to 150kHz, Set the spectrum analyzer as:
RBW = 200Hz, VBW =1kHz, Detector= Quasi-Peak, Trace mode= Max hold, Sweep- auto couple.

For 150kHz to 30MHz, Set the spectrum analyzer as:
RBW = 9KHz, VBW =30kHz, Detector= Quasi-Peak, Trace mode= Max hold, Sweep- auto couple.

For 30MHz to 1000MHz, Set the spectrum analyzer as:
RBW = 100kHz, VBW =300kHz, Detector= Quasi-Peak, Trace mode= Max hold, Sweep- auto couple.

4.4. Test Data

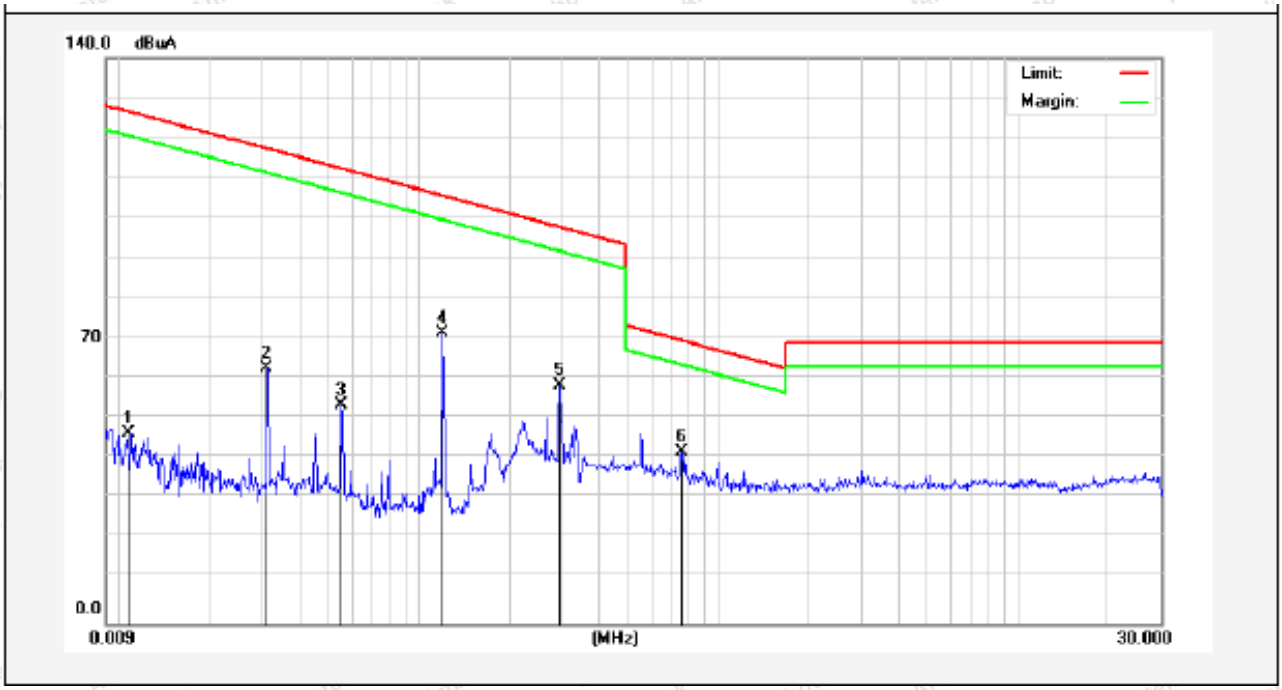
PASS

Note: The data is in TX mode, and this is the worst mode.

Test Results

(Between 9KHz – 30MHz)

Job No.:	**SZAWW181218006-03**		
Standard:	**FCC PART15 C _3m**	**Power Source:**	**AC 120V, 60Hz for adapter**
Test item:	**Radiation Test**	**Temp.(C)/Hum.(%RH):**	**24.7℃/51%RH**
Test Mode:	**Mode 1**	**Distance:**	**3m**

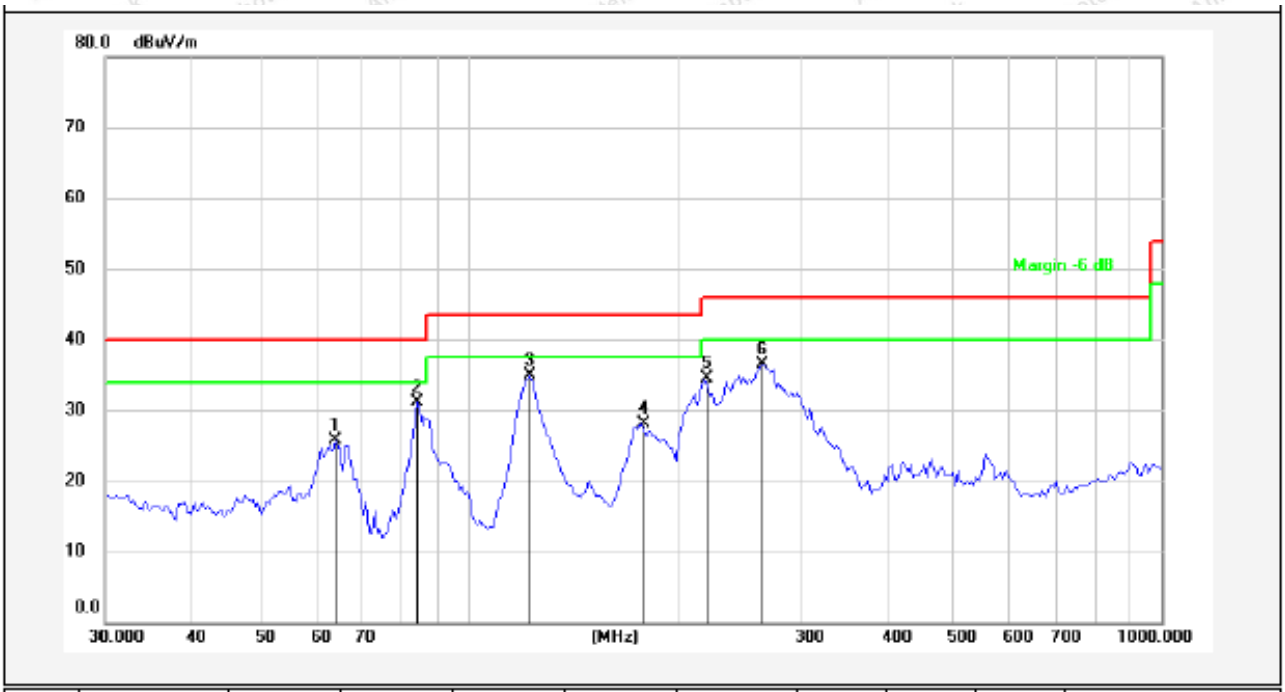


Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit (dBuV/m)	Over Limit (dB)	Detector	degree (dge)
0.0108	33.82	19.28	2.53	0	55.63	146.75	-91.12	Peak	268
0.0108	25.34	19.28	2.53	0	47.15	126.75	-79.60	AV	268
0.0313	50.51	19.30	2.54	0	72.35	137.56	-65.21	Peak	64
0.0313	41.46	19.30	2.54	0	63.30	117.56	-54.26	AV	64
0.0553	41.45	19.30	2.54	0	63.29	132.64	-69.35	Peak	301
0.0553	32.33	19.30	2.54	0	54.17	112.64	-58.47	AV	301
0.1199	58.52	19.53	2.59	0	80.64	125.96	-45.32	Peak	129
0.1199	49.79	19.53	2.59	0	71.91	105.96	-34.05	AV	129
0.2943	46.50	19.53	2.59	0	68.62	118.20	-49.58	Peak	185
0.2943	36.92	19.53	2.59	0	59.04	98.20	-39.16	AV	185
0.7580	20.34	19.53	2.59	0	42.46	70.01	-27.55	QP	27

Remark: According to FCC PART 15.209 (d), the emission limits for the frequency bands 9–90 kHz, 110–490 kHz and above 1000 MHz, Radiated emission limits in these three bands are based on measurements employing an average detector.

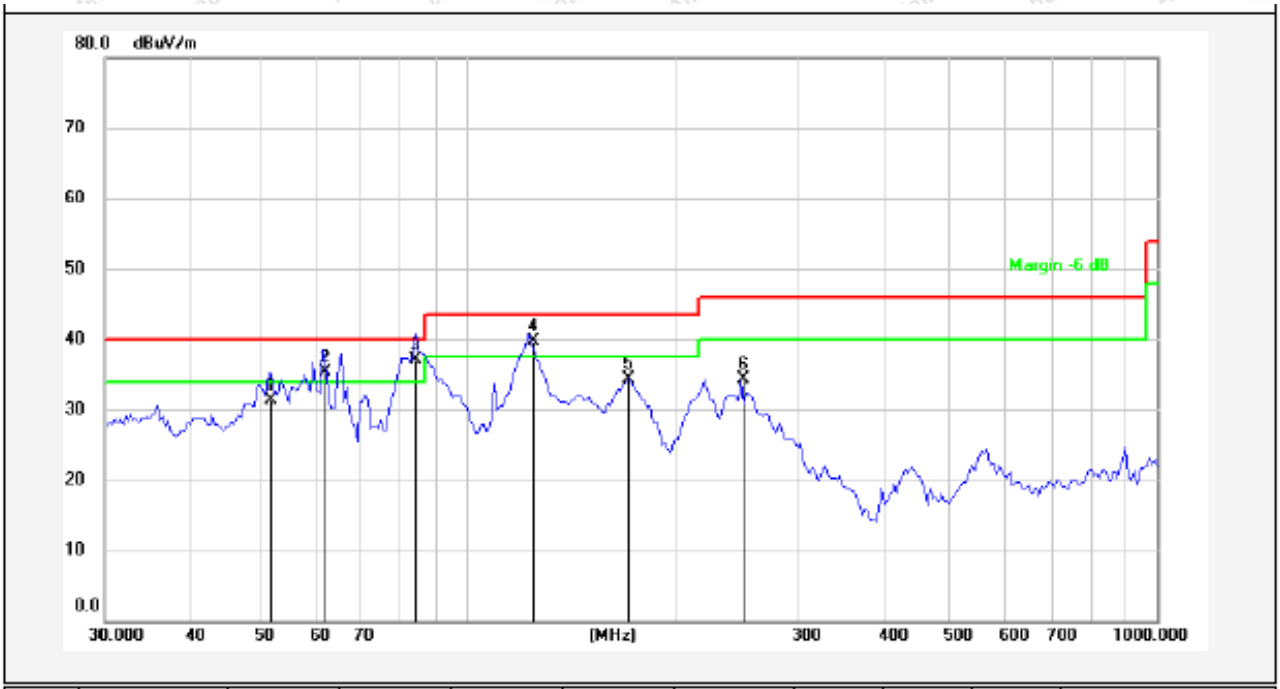
(Between 30MHz –1000 MHz)

Job No.:	**SZAWW181218006-03**	**Polarization:**	**Horizontal**
Standard:	**FCC PART15 C _3m**	**Power Source:**	**AC 120V, 60Hz for adapter**
Test item:	**Radiation Test**	**Temp.(C)/Hum.(%RH):**	**24.3℃/55%RH**
Test Mode:	**Mode 1**	**Distance:**	**3m**



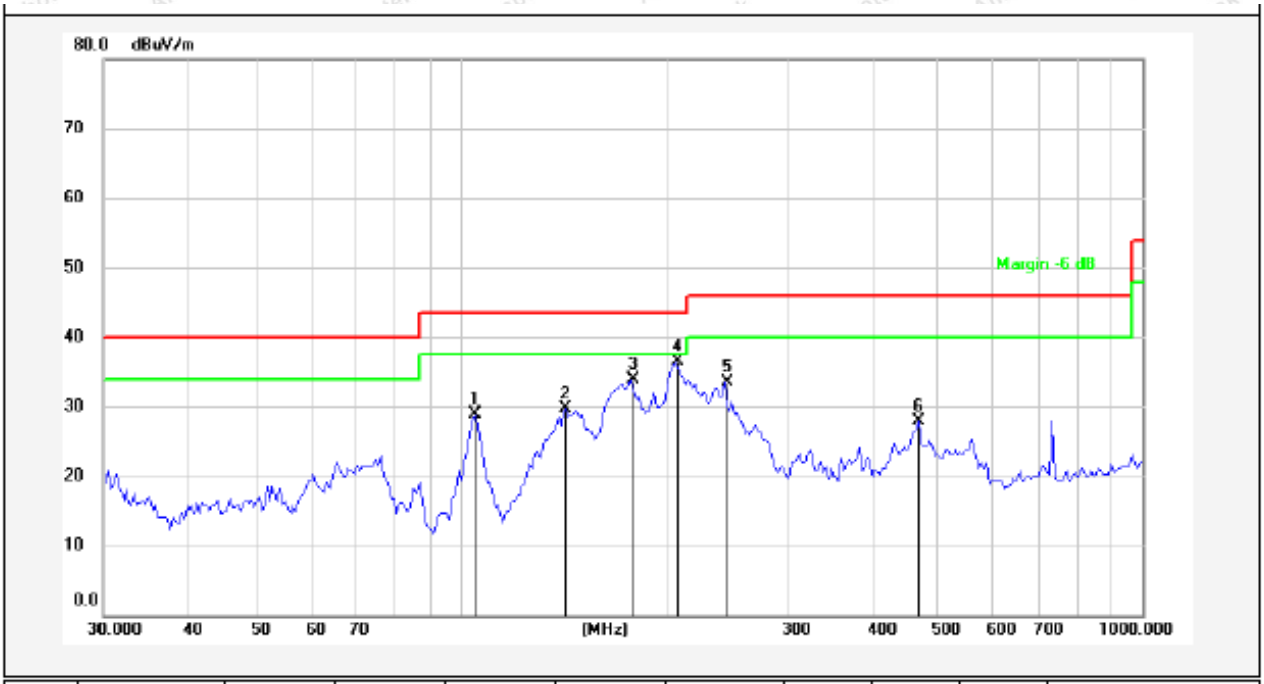
No.	Freq. (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Over Limit (dB)	Detector	Height (cm)	degree (deg)	Remark
1	64.3202	43.59	-17.84	25.75	40.00	-14.25	QP	300	0	
2	84.4054	51.67	-20.62	31.05	40.00	-8.95	QP	300	57	
3	123.0495	58.08	-23.15	34.93	43.50	-8.57	QP	300	124	
4	177.8207	49.51	-21.35	28.16	43.50	-15.34	QP	300	196	
5	219.4598	55.28	-20.78	34.50	46.00	-11.50	QP	300	257	
6	266.1419	55.96	-19.55	36.41	46.00	-9.59	QP	300	360	

Job No.:	**SZAWW181218006-03**	**Polarization:**	**Vertical**
Standard:	**FCC PART15 C _3m**	**Power Source:**	**AC 120V, 60Hz for adapter**
Test item:	**Radiation Test**	**Temp.(C)/Hum.(%RH):**	**24.3℃/55%RH**
Test Mode:	**Mode 1**	**Distance:**	**3m**



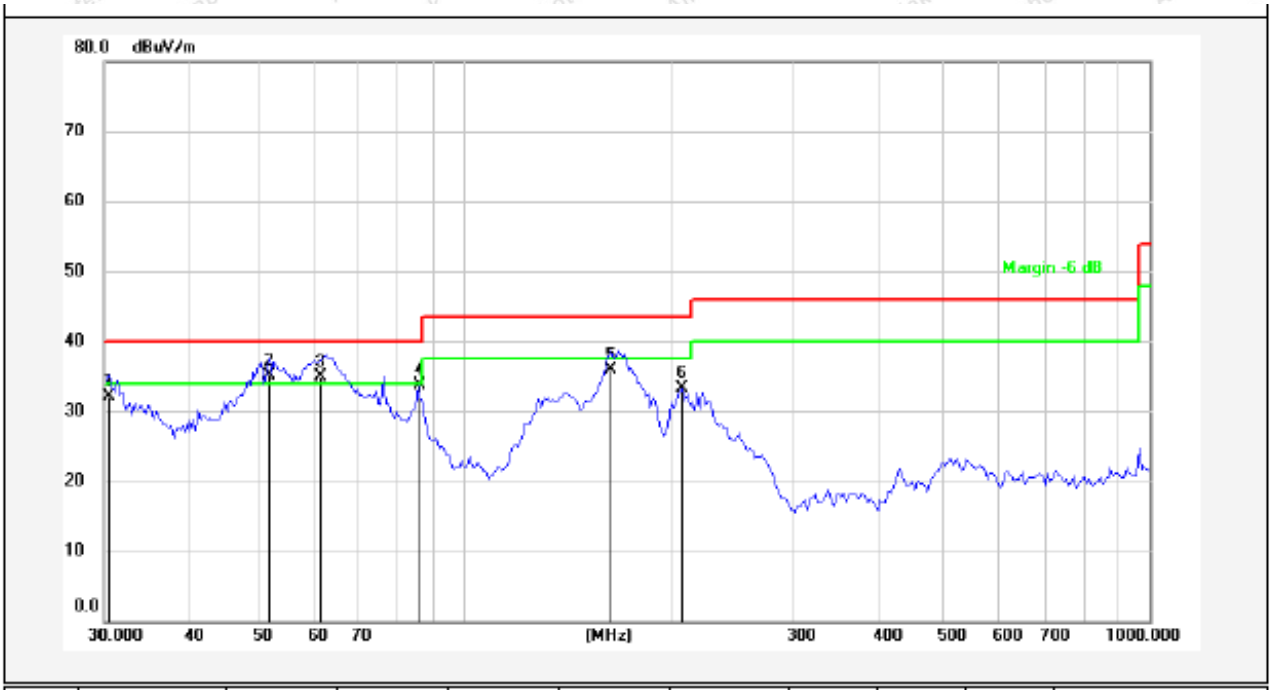
No.	Freq. (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Over Limit (dB)	Detector	Height (cm)	degree (deg)	Remark
1	52.1164	46.18	-14.91	31.27	40.00	-8.73	QP	300	0	
2	62.1039	51.28	-16.01	35.27	40.00	-4.73	QP	300	96	
3	84.4054	54.80	-17.62	37.18	40.00	-2.82	QP	300	124	
4	124.1330	57.38	-17.64	39.74	43.50	-3.76	QP	300	211	
5	171.6933	52.39	-18.04	34.35	43.50	-9.15	QP	300	296	
6	250.3012	48.93	-14.72	34.21	46.00	-11.79	QP	300	360	

Job No.:	**SZAWW181218006-03**	**Polarization:**	**Horizontal**
Standard:	**FCC PART15 C _3m**	**Power Source:**	**AC 240V, 60Hz for adapter**
Test item:	**Radiation Test**	**Temp.(C)/Hum.(%RH):**	**24.3℃/55%RH**
Test Mode:	**Mode 1**	**Distance:**	**3m**



No.	Freq. (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Over Limit (dB)	Detector	Height (cm)	degree (deg)	Remark
1	105.0873	49.91	-20.93	28.98	43.50	-14.52	QP	300	0	
2	142.8243	52.97	-23.18	29.79	43.50	-13.71	QP	300	65	
3	177.8207	55.22	-21.35	33.87	43.50	-9.63	QP	300	125	
4	206.3976	57.04	-20.62	36.42	43.50	-7.08	QP	300	169	
5	243.8043	52.40	-18.94	33.46	46.00	-12.54	QP	300	287	
6	470.5232	41.69	-13.88	27.81	46.00	-18.19	QP	300	360	

Job No.:	**SZAWW181218006-03**	**Polarization:**	**Vertical**
Standard:	**FCC PART15 C _3m**	**Power Source:**	**AC 240V, 60Hz for adapter**
Test item:	**Radiation Test**	**Temp.(C)/Hum.(%RH):**	**24.3℃/55%RH**
Test Mode:	**Mode 1**	**Distance:**	**3m**



No.	Freq. (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Over Limit (dB)	Detector	Height (cm)	degree (deg)	Remark
1	30.5306	48.23	-16.06	32.17	40.00	-7.83	QP	300	0	
2	52.1164	50.09	-14.91	35.18	40.00	-4.82	QP	300	96	
3	61.7023	50.84	-15.86	34.98	40.00	-5.02	QP	300	159	
4	85.8984	51.09	-17.29	33.80	40.00	-6.20	QP	300	211	
5	164.3301	54.34	-18.37	35.97	43.50	-7.53	QP	300	297	
6	208.2148	49.57	-16.23	33.34	43.50	-10.16	QP	300	360	

5. Antenna Requirement

5.1. Test Standard and Requirement

Test Standard	FCC Part15 Section 15.203
Requirement	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. The use of a permanently attached antenna or of an antenna that uses a unique coupling to the intentional radiator, the manufacturer may design the unit so that a broken antenna can be replaced by the user, but the use of a standard antenna

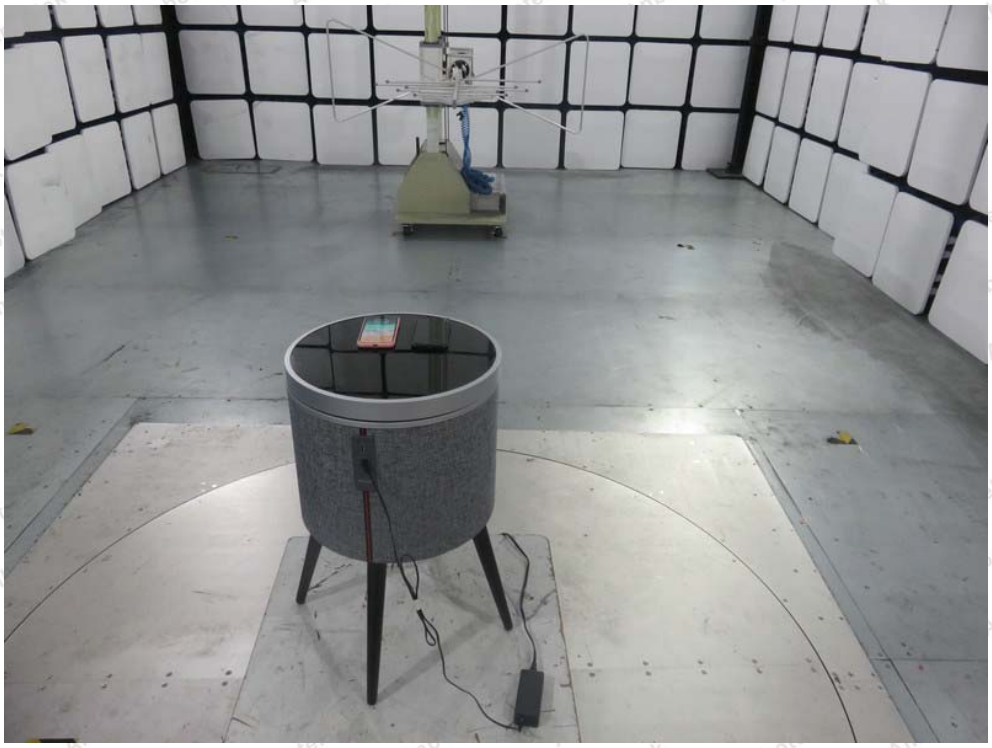
5.2. Antenna Connected Construction

The antenna is a Inductive loop coil Antenna which permanently attached, and the best case gain of the antenna is 0 dBi. It complies with the standard requirement.

APPENDIX I -- TEST SETUP PHOTOGRAPH

Photo of Conducted Emission Measurement

Photo of Radiation Emission Test



APPENDIX II -- EXTERNAL PHOTOGRAPH

Please refer to the test report SZAWW181218006-01.

APPENDIX III -- INTERNAL PHOTOGRAPH

Please refer to the test report SZAWW181218006-01.

---------- End of Report ----------