



TEST REPORT

Applicant : guangzhoutengmuqiyeguanliyouxiangongsi
Address : Room 301-W354, Building 12, No.804 Tianyuan Road, Tianhe District, Guangzhou, Guangdong, China
Manufacturer : Guangzhou Weiming Electronic Technology Co.,Ltd
Address : No. 15, Xinlian North Road, Renhe Town, Baiyun District, Guangzhou, Guangdong, China
Product Name : Switch Panel
Model Number : S6W, S4W, S8W, S12W
Trademark : N/A

FCC ID : 2BUZ2-S6W

Test Date : Mar. 03, 2026 - Mar. 16, 2026

Date of Report : Mar. 16, 2026

Test Result : This device described above has been tested by BKC, and the test results show that the equipment under test (EUT) is in compliance with the Standard requirements. And it is applicable only to the tested sample identified in the report.

Test Procedure Used:

Standards : FCC CFR Title 47 Part 15 Subpart C Section 15.231
ANSI C63.10-2020+Cor.1-2023
RSS-210 Issue 11, June 25, 2024
RSS-Gen Issue 5, Amendment 2 (February 2021)

Prepared by (Test Engineer):
Carey Zheng

Reviewer (Supervisor):
Casey Wang

Approved (Manager):
Jerry Liao

TABLE OF CONTENT

1. General Information	4
1.1. Customer basic information	4
1.2. Description of Device (EUT)	4
1.3. Channel List	4
1.4. Summary of test result	4
1.5. Special Accessories and Auxiliary Equipment	5
1.6. Test mode	5
1.7. Block Diagram	5
1.8. Test Conditions	5
1.9. Measurement Uncertainty (95% confidence levels, k=2)	5
1.10. Test Facility	6
1.11. Test Equipment	7
2. Conducted emission at the mains terminals test	9
2.1. Limit	9
2.2. Test Setup	9
2.3. Test Procedure	9
2.4. Test Result	9
3. Fundamental field strength and Radiated Spurious Emissions	9
3.1. Limit	12
Test Setup	13
3.2. Test Procedure	15
Test Result	16
4. Bandwidth Test	20
4.1. Limit	20
4.2. Test Setup	20
4.3. Test Procedure	20
4.4. Test Result	21
5. Calculation of Average Factor	22
5.1. Calculation	22
6. Dwell time	24
6.1. Applicable Standard	24
6.2. Test Setup	24
6.3. Test Procedure	24
6.4. Test Result	24
7. Antenna Requirement	25
8. Test Photographs	26

[illegible]

1. General Information

1.1. Customer basic information

Contacts : Yan Richao
E-Mail : yanrichao@blueinsight.com.cn
Telephone : +86 13828466943

1.2. Description of Device (EUT)

EUT Name : Switch Panel
Model No. : S6W, S4W, S8W, S12W
Model Difference : The only differences are the model name, the casing texture, and the markings. The main test model is S6W
Power supply : Input: AC 120V 60Hz
DC 3.6V from Battery
Operation frequency : 433.92MHz
Radio Field strength: : 69.95 dBuV/m
Modulation : ASK
Antenna Type : PCB antenna, Maximum Gain is 0.5dBi
Intend use environment : Residential, commercial and light industrial environment

1.3. Channel List

Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)
1	433.92	/	/	/	/

1.4. Summary of test result

RF PART		
Test Items	Test Requirement	Result
Conducted Emission	15.207 RSS-Gen 8.8	PASS
Fundamental & Radiated Spurious Emission Measurement	15.209, 15.231b RSS-210 A.1.2 RSS-Gen 8.9	PASS
Occupancy Bandwidth	15.231c RSS-210 A.1.3 RSS-Gen 6.7	PASS
Transmission time	15.231a RSS-210 A.1.1 RSS-Gen 6.10	PASS

Antenna Requirement	15.203 RSS-Gen 6.8	PASS
Fundamental field strength	15.231 (b)	PASS
Remark: N/A is an abbreviation for Not Applicable. Measurement Uncertainty is not taken into account for conformity statement		

1.5.Special Accessories and Auxiliary Equipment

Description	Manufacturer	Model No.	Hardware Version	Software Version
/	/	/	/	/

1.6.Test mode

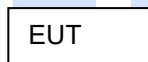
The special RF test software was used to control EUT work in Continuous TX mode, and select test channel, wireless mode.

Test mode	Low channel	Middle channel	High channel
ASK	433.92MHz	/	/

Note: This device is tested in a fully charged battery state

1.7.Block Diagram

Radiated Emission



1.8.Test Conditions

Category	Normal Conditions	Extreme Conditions
Temperature range	15-35°C	N/A
Humidity range	20-75%	N/A
Pressure range	86-106kPa	N/A
Power supply	AC 120V 60Hz DC 3.6V from Battery	N/A

Note: N/A is an abbreviation for Not Applicable.

1.9.Measurement Uncertainty (95% confidence levels, k=2)

Item	MU	Remark
Uncertainty for radio frequency	$\pm 7 \times 10^{-8}$	
Conducted Emissions (150kHz~30MHz)	$\pm 2.54\text{dB}$	

Radiated Emission(9KHz~30MHz)	± 1.6 dB	
Radiated Emission(30MHz~1GHz)	Vertical: ± 4.14 dB Horizontal: ± 4.25 dB	
Radiated Emission(1GHz~6GHz)	± 3.9 dB	
Radiated Emission(6GHz~18GHz)	± 4.3 dB	
Radiated Emission(18GHz~40GHz)	± 3.38 dB	
Uncertainty for conducted RF Power	± 0.20 dB	
Conducted spurious emissions	± 0.24 dB	
Uncertainty for temperature	0.6℃	
Uncertainty for humidity	1%	
Bandwidth	$\pm 1.5 \times 10^{-6}$	
Time	$\pm 2\%$	
Duty Cycle	$\pm 2\%$	
Remark: The coverage Factor (k=2), and measurement Uncertainty for a level of Confidence of 95%		

1.10. Test Facility

Site Description		
Name of Firm	:	Shenzhen BKC Testing Co., Ltd.
Site Location	:	Room 103, 1/F, Huaya Building, Huaya Industrial Park, Longhua Community, Longhua District, Shenzhen, Guangdong, China.
ISED CAB identifier	:	CN0188
ISED Company Number	:	34333
FCC Designation Number	:	CN1416
FCC Test Firm Registration Number	:	701543

1.11. Test Equipment

Conducted Test Site

Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Last calibration	Calibrated until
1	LISN	R&S	ENV216	102762	Mar. 10. 2025	Mar. 09. 2026
2	EMI Test Receiver	R&S	ESCI	101424	Mar. 10. 2025	Mar. 09. 2026
3	Rf cables	HTEC	HCE 2M-CE	N/A	Mar. 10. 2025	Mar. 09. 2026
4	Coupling/ Decoupling Network	Diamond	CX210	N/A	Mar. 10. 2025	Mar. 09. 2026
5	CE Testing software	EZ	EZ-EMC	/	/	/

Radiated Test Site(Below 1G and Above 1G)

Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Last calibration	Calibrated until
1	Antenna	Schwarzbeck	VULB 9168	01321	Mar. 20. 2025	Mar. 19. 2028
2	EMI Test Receiver	R&S	ESRP	101478	Mar. 10. 2025	Mar. 09. 2026
3	Preamplifier	HP	8447D	2727A05345	Mar. 10. 2025	Mar. 09. 2026
4	Double Ridged Broadband	SCHWARZBECK	BBHA 9120D	02621	Mar. 10. 2025	Mar. 19. 2028
5	Preamplifier	Schwarzbeck	BBV 9718D	00041	Mar. 10. 2025	Mar. 09. 2026
6	Rf cables	HUBER+SUHNER	8M-RE	N/A	Mar. 10. 2025	Mar. 09. 2026
7	Rf cables	HUBER+SUHNER	1.5M-RE	N/A	Mar. 10. 2025	Mar. 09. 2026
8	Rf cables	HUBER+SUHNER	1.5M-AP-RE	N/A	Mar. 10. 2025	Mar. 09. 2026
9	Loop antenna	TESEQ	HLA6121	58357	Mar. 09. 2025	Mar. 10. 2026
10	Spectrum analyzer	R&S	FSP40	200061	Feb. 13. 2026	Feb. 12. 2027
11	Double Ridged Broadband Horn Antenna	COM-POWER	AH-1840	10100009	Mar. 10. 2026	Mar. 09. 2027
12	Spectrum	Agilent	N9020A	MY50510311	Mar. 09. 2025	Mar. 10. 2026
13	RE Testing software	EZ	EZ-EMC	/		/

RF Test Site

Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Last calibration	Calibrated until
1	Spectrum	Agilent	N9020A	MY50510311	Mar. 09. 2025	Mar. 10. 2026
2	Vector source	Agilent	N5182A	MY47420223	Mar. 09. 2025	Mar. 10. 2026
3	All instrument	Rohde & Schwarz	CMW 500	101131	Mar. 09. 2025	Mar. 10. 2026
4	control unit	MW	MW100-RFCB	MW200411BK-34	Mar. 09. 2025	Mar. 10. 2026
5	RF Testing software	MW	MTS 8310	/	Mar. 09. 2025	/
6	Spectrum analyzer	R&S	FSP40	200061	Feb. 13. 2026	Feb. 12. 2027

Test software

Software name	RF Testing software
Software version	2.0.0.0
Software name	RE Testing software
Software version	EMEC-03A2 RE+
Software name	CE Testing software
Software version	EMEC-3A1+



2. Conducted emission at the mains terminals test

2.1.Limit

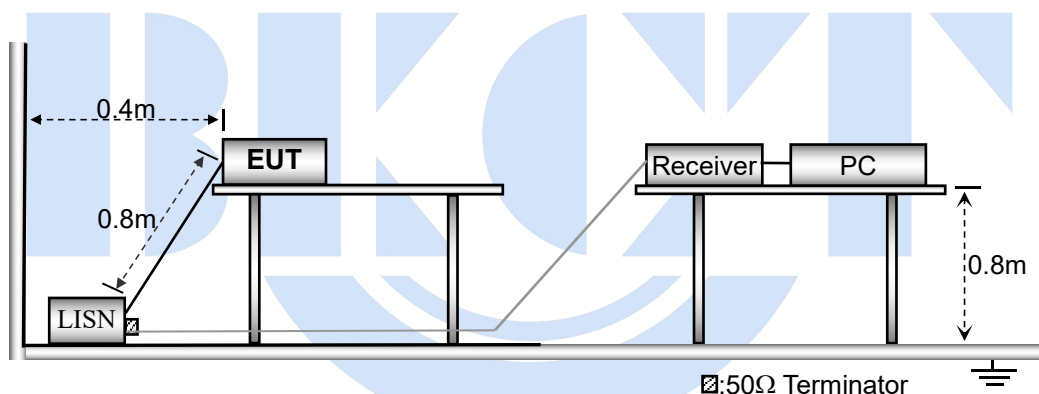
Test Requirement:	FCC Part15 C Section 15.207, RSS-Gen 8.8
Test Method:	ANSI C63.10-2020+Cor.1-2023
Test Frequency Range:	150KHz to 30MHz
Receiver setup:	RBW=9KHz, VBW=30KHz, Sweep time=auto

Frequency MHz	Limits dB(μV)	
	Quasi-peak Level	Average Level
0.15 ~ 0.50	66 ~ 56*	56 ~ 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.

2.2.Test Setup



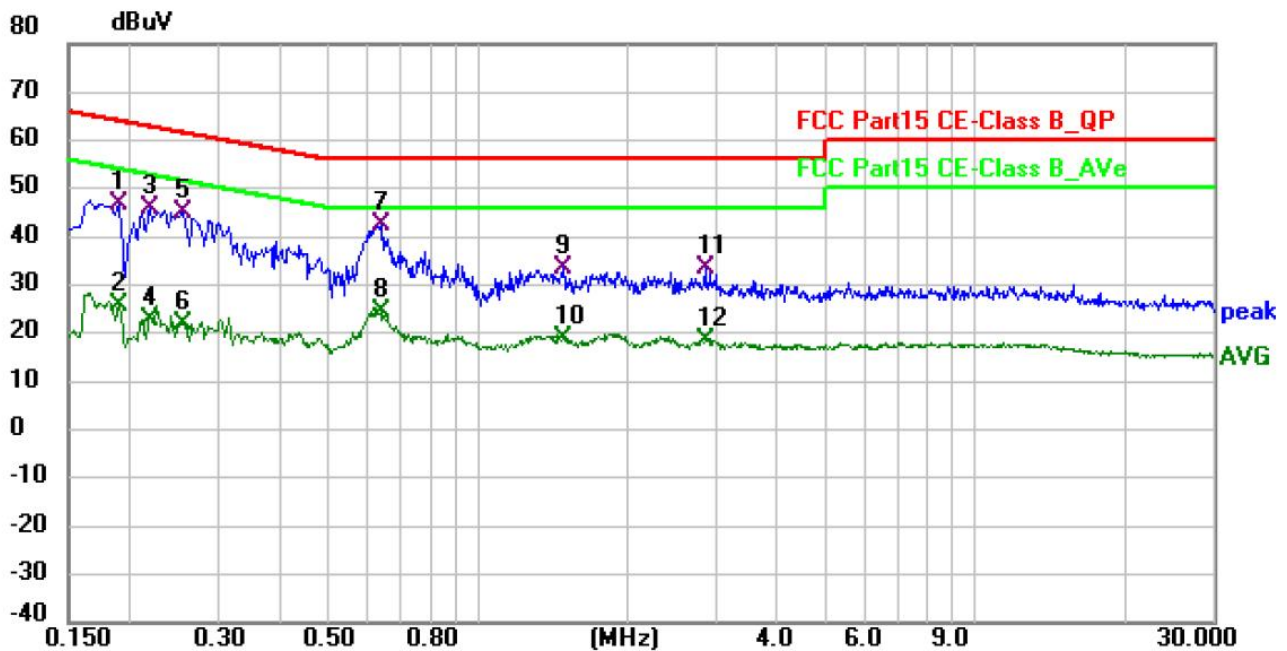
2.3.Test Procedure

1. The EUT was placed 0.8 meters from the horizontal ground plane with EUT being connected to the power mains through a line impedance stabilization network (LISN). All other support equipments powered from additional LISN(s). The LISN provide 50 Ohm/ 50uH of coupling impedance for the measuring instrument.
2. Interconnecting cables that hang closer than 40 cm to the ground plane shall be folded back and forth in the center forming a bundle 30 to 40 cm long.
3. I/O cables that are not connected to a peripheral shall be bundled in the center. The end of the cable may be terminated, if required, using the correct terminating impedance. The overall length shall not exceed 1 m.
4. LISN at least 80 cm from nearest part of EUT chassis.
5. For the actual test configuration, please refer to the related Item-EUT Test Photos.

2.4.Test Result

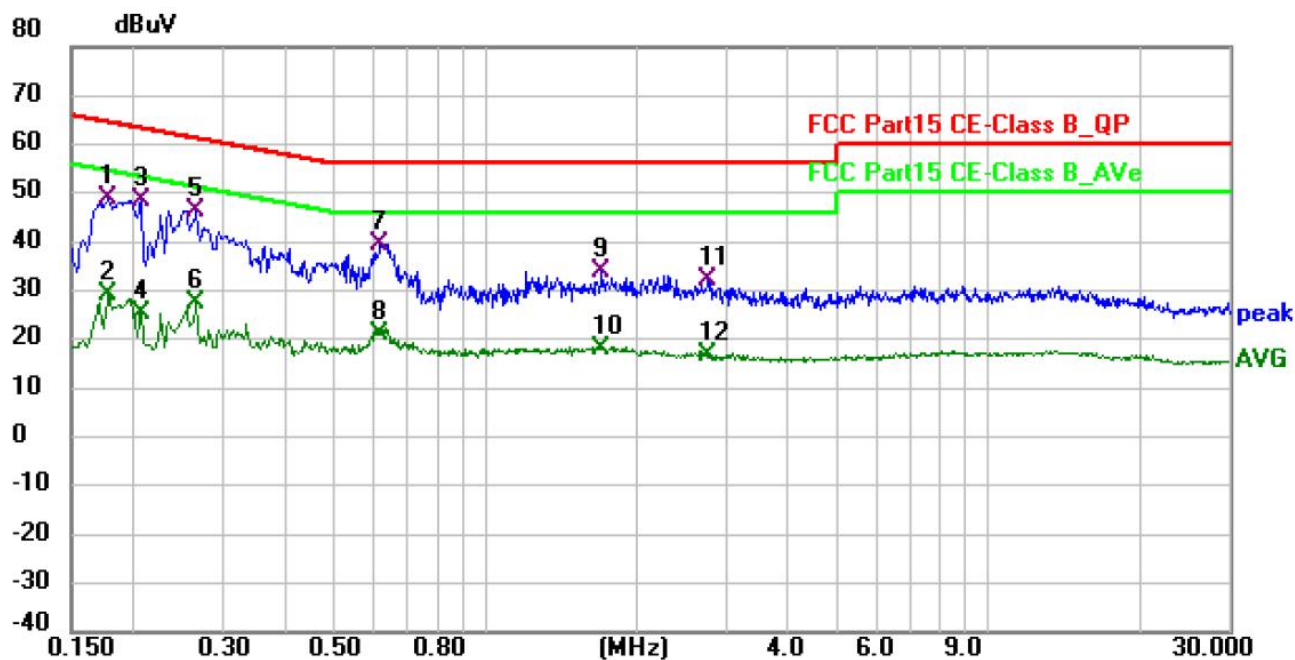
Conducted Emission Test Data			
Temperature:	25.3°C	Relative Humidity:	55%

Pressure:	1008hPa	Phase :	L
Test Voltage :	AC120/60Hz	Test Mode	Charging



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Detector
1	0.1900	27.29	19.70	46.99	64.04	-17.05	QP
2	0.1900	6.14	19.70	25.84	54.04	-28.20	AVG
3	0.2180	26.41	19.68	46.09	62.89	-16.80	QP
4	0.2180	3.19	19.68	22.87	52.89	-30.02	AVG
5	0.2540	25.35	19.68	45.03	61.63	-16.60	QP
6	0.2540	2.42	19.68	22.10	51.63	-29.53	AVG
7 *	0.6380	22.52	19.82	42.34	56.00	-13.66	QP
8	0.6380	4.59	19.82	24.41	46.00	-21.59	AVG
9	1.4819	13.77	19.67	33.44	56.00	-22.56	QP
10	1.4819	-0.79	19.67	18.88	46.00	-27.12	AVG
11	2.8580	13.65	19.74	33.39	56.00	-22.61	QP
12	2.8580	-1.14	19.74	18.60	46.00	-27.40	AVG

Conducted Emission Test Data			
Temperature:	25.3°C	Relative Humidity:	55%
Pressure:	1008hPa	Phase :	N
Test Voltage :	AC120/60Hz	Test Mode	Charging



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Detector	P/F
1	0.1780	29.22	19.72	48.94	64.58	-15.64	QP	P
2	0.1780	9.62	19.72	29.34	54.58	-25.24	AVG	P
3	0.2060	28.61	19.68	48.29	63.37	-15.08	QP	P
4	0.2060	5.49	19.68	25.17	53.37	-28.20	AVG	P
5 *	0.2660	26.61	19.70	46.31	61.24	-14.93	QP	P
6	0.2660	7.91	19.70	27.61	51.24	-23.63	AVG	P
7	0.6180	19.90	19.78	39.68	56.00	-16.32	QP	P
8	0.6180	1.29	19.78	21.07	46.00	-24.93	AVG	P
9	1.7060	14.08	19.89	33.97	56.00	-22.03	QP	P
10	1.7060	-1.74	19.89	18.15	46.00	-27.85	AVG	P
11	2.7700	12.33	19.86	32.19	56.00	-23.81	QP	P
12	2.7700	-3.26	19.86	16.60	46.00	-29.40	AVG	P

3. Fundamental field strength and Radiated Spurious Emissions

3.1.Limit

Test Requirement: FCC CFR47 Part 15 Section 15.209, RSS-210 A.1.2, RSS-Gen 8.9
Test Method: 15.231 (b)
ANSI C63.10-2020+Cor.1-2023
Test Result: PASS
Measurement Distance: 3m

Frequency	Detector	RBW	VBW	Value
9KHz-150KHz	Quasi-peak	200Hz	600Hz	Quasi-peak
150KHz-30MHz	Quasi-peak	9KHz	30KHz	Quasi-peak
30MHz-1GHz	Quasi-peak	100KHz	300KHz	Quasi-peak
Above 1GHz	Peak	1MHz	3MHz	Peak
	Peak	1MHz	10Hz	Average

Limit: 20dBc in any 100kHz bandwidth outside the operating frequency band.In case the emission fall with the restricted band specified on 15.205(a), then the15.231(b) limit in the table below has to be followed.

Fundamental frequency (MHz)	Field strength of fundamental (microvolts/meter)	Field strength of spurious emissions (microvolts/meter)
40.66-40.70	2,250	225
70-130	1,250	125
130-174	¹ 1,250 to 3,750	¹ 125 to 375
174-260	3,750	375
260-470	¹ 3,750 to 12,500	¹ 375 to 1,250
Above 470	12,500	1,250

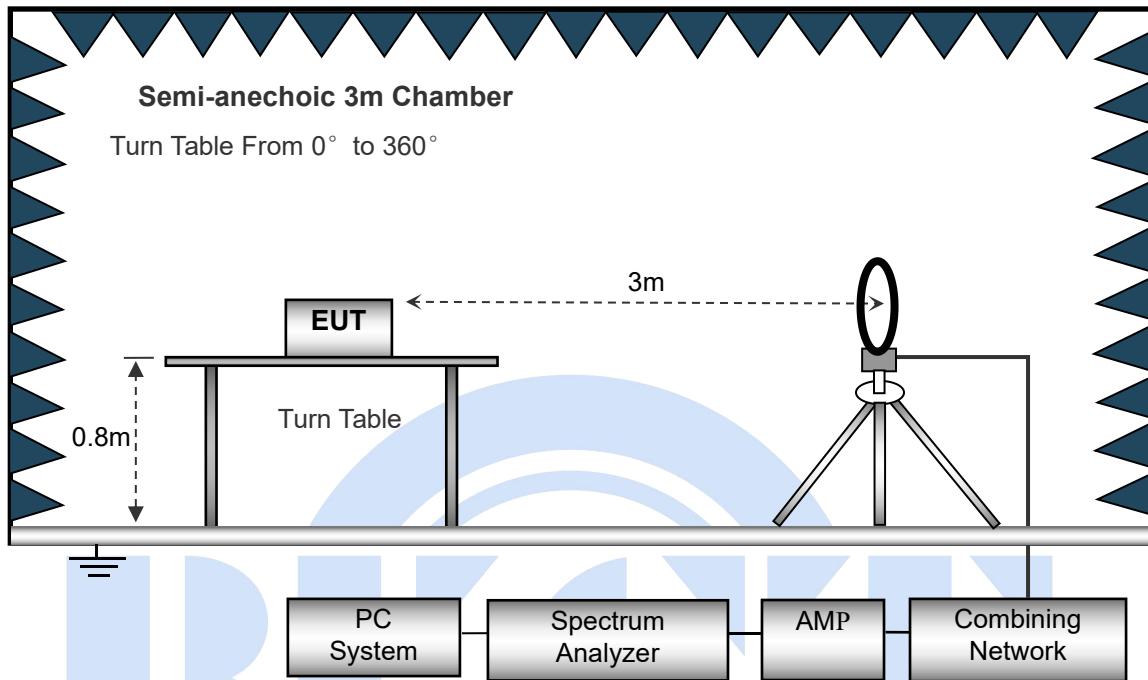
¹ Linear interpolations.

Frequency (MHz)	Field Strength		Field Strength Limit at 3m Measurement Dist	
	uV/m	Distance (m)	uV/m	dBuV/m
0.009 ~ 0.490	2400/F(kHz)	300	10000 * 2400/F(kHz)	20log(2400/F(kHz)) + 80
0.490 ~ 1.705	24000/F(kHz)	30	100 * 24000/F(kHz)	20log(24000/F(kHz)) + 40
1.705 ~ 30	30	30	100 * 30	20log(30) + 40
30 ~ 88	100	3	100	20log(100)
88 ~ 216	150	3	150	20log(150)
216 ~ 960	200	3	200	20log(200)
Above 960	500	3	500	20log(500)

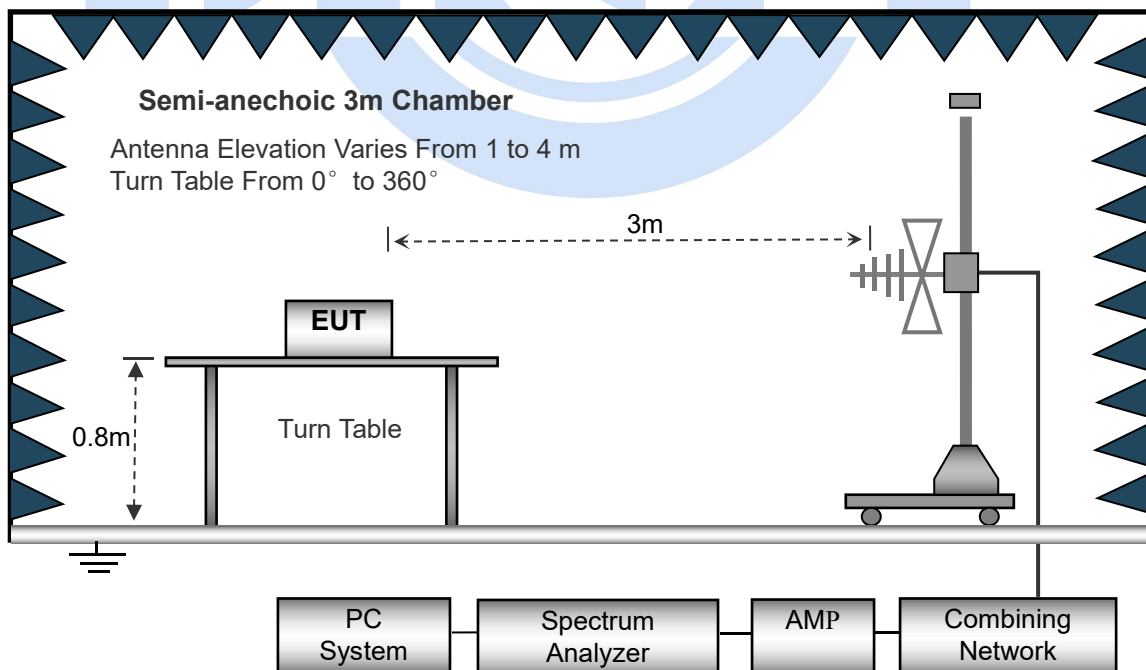
Test Setup

The radiated emission tests were performed in the 3m Semi- Anechoic Chamber test site, using the setup accordance with the ANSI C63.10.

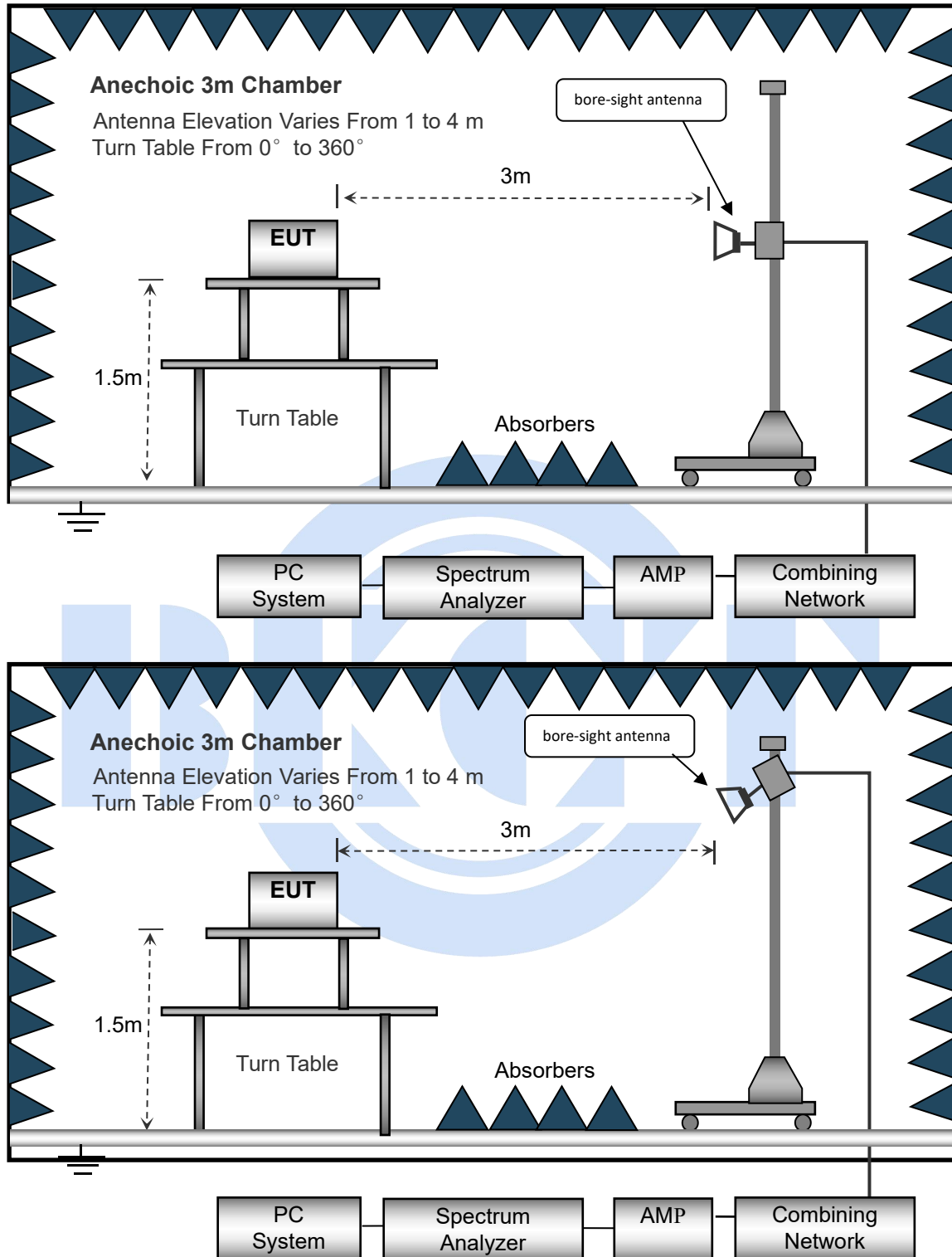
The test setup for emission measurement below 30MHz.



The test setup for emission measurement from 30 MHz to 1 GHz.



The test setup for emission measurement above 1 GHz.



3.2. Test Procedure

1. The EUT is placed on a turntable, which is 0.8m above ground plane for below 1GHz and 1.5m for above 1GHz.
2. The turntable shall be rotated for 360 degrees to determine the position of maximum emission level.
3. EUT is set 3m away from the receiving antenna, which is moved from 1m to 4m to find out the maximum emissions.
4. Maximum procedure was performed on the six highest emissions to ensure EUT compliance.
5. And also, each emission was to be maximized by changing the polarization of receiving antenna both horizontal and vertical.
6. Repeat above procedures until the measurements for all frequencies are complete.
7. The radiation measurements are performed in X,Y and Z axis positioning(X denotes lying on the table, Y denotes side stand and Z denotes vertical stand),the worst condition was tested putting the eut in Z axis,so the worst data were shown as follow.



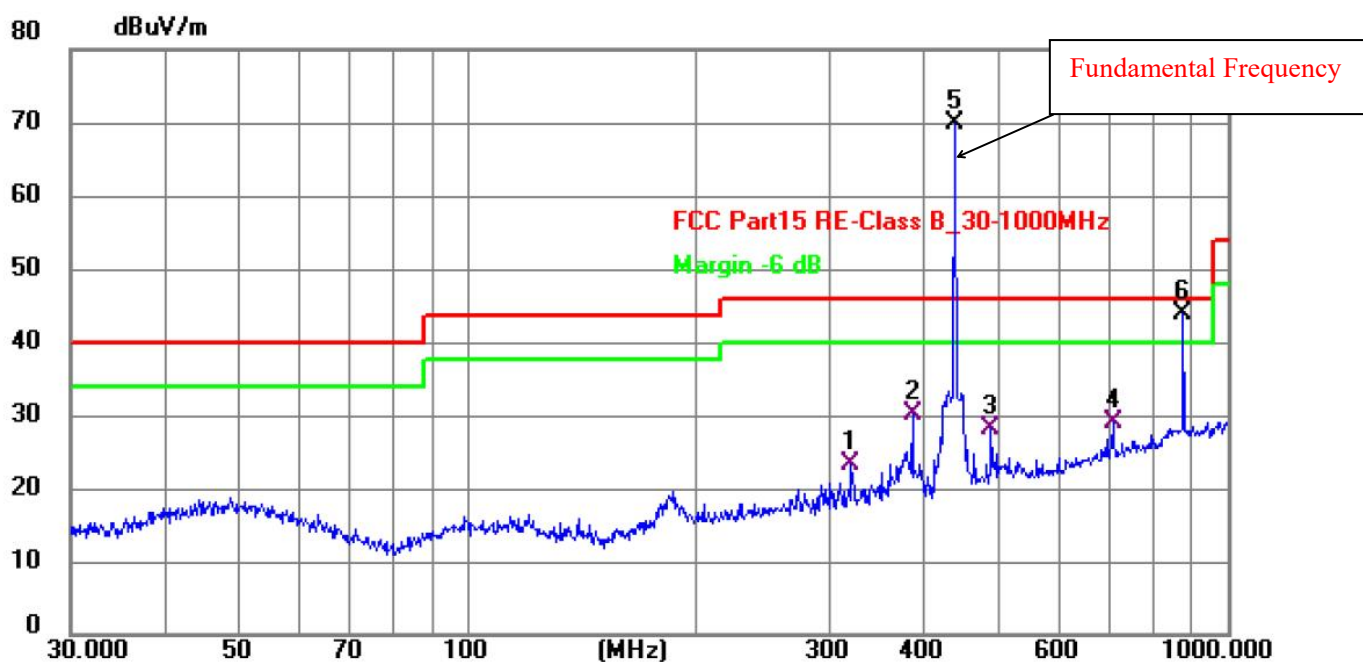
Test Result

Test Frequency: 9KHz~30MHz

The measurements were more than 20 dB below the limit and not reported.

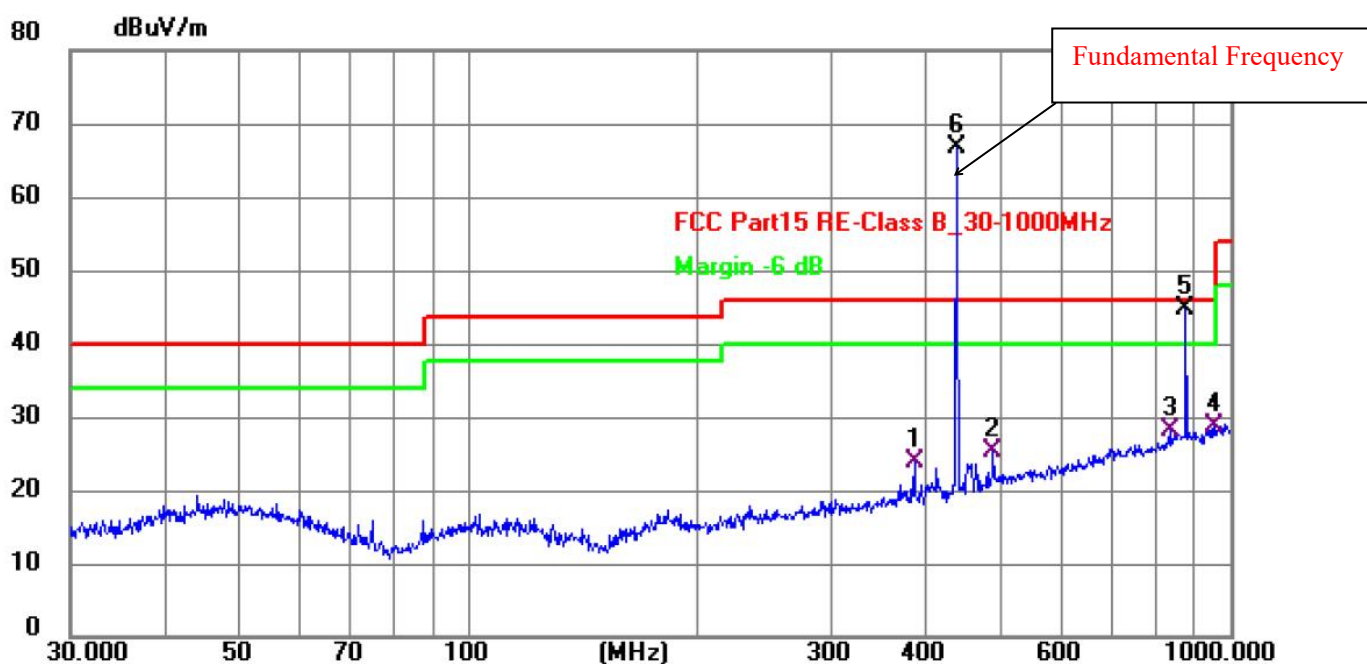
Test Frequency : 30MHz ~ 1GHz

Radiation Emission Test Data			
Temperature:	25.1°C	Relative Humidity:	56%
Pressure:	1008hPa	Phase :	Horizontal
Test Voltage :	DC 3.6V	Test Mode	Working



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	319.9370	32.65	-9.43	23.22	46.00	-22.78	QP
2	385.2803	38.73	-8.65	30.08	46.00	-15.92	QP
3	489.0267	35.23	-7.08	28.15	46.00	-17.85	QP
4	706.6997	32.55	-3.66	28.89	46.00	-17.11	QP
5	433.9200	77.40	-7.45	69.95	46.00	23.95	peak
6	867.8400	44.61	-0.78	43.83	46.00	-2.17	peak

Radiation Emission Test Data			
Temperature:	25.1°C	Relative Humidity:	56%
Pressure:	1008hPa	Phase :	Vertical
Test Voltage :	DC 3.6V	Test Mode	Working



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	385.2804	32.45	-8.65	23.80	46.00	-22.20	QP
2	489.0268	32.42	-7.08	25.34	46.00	-20.66	QP
3	833.3171	29.47	-1.33	28.14	46.00	-17.86	QP
4	955.4381	28.76	0.09	28.85	46.00	-17.15	QP
5	867.8400	45.51	-0.78	44.73	46.00	-1.27	peak
6	433.9200	74.15	-7.45	66.70	46.00	20.70	peak

For average Emission

Frequency MHz	Peak Level dBuV/m	Duty cycle factor	Average Level dBuV/m	Limit AV	Margin	Polarization
433.92	69.95	0	69.95	80.8	-10.85	Horizontal
867.84	43.83	0	43.83	60.8	-16.97	Horizontal

Frequency MHz	Peak Level dBuV/m	Duty cycle factor	Average Level dBuV/m	Limit AV	Margin	Polarization
433.92	66.70	0	66.70	80.8	-14.1	Vertical
867.84	44.73	0	44.73	60.8	-16.07	Vertical

Notes: 1. Average emissioXn Level = Peak Level + Duty cycle factor

2. Duty cycle level please see clause 5.

Radiated Spurious Emission (1GHz to 10th harmonics)

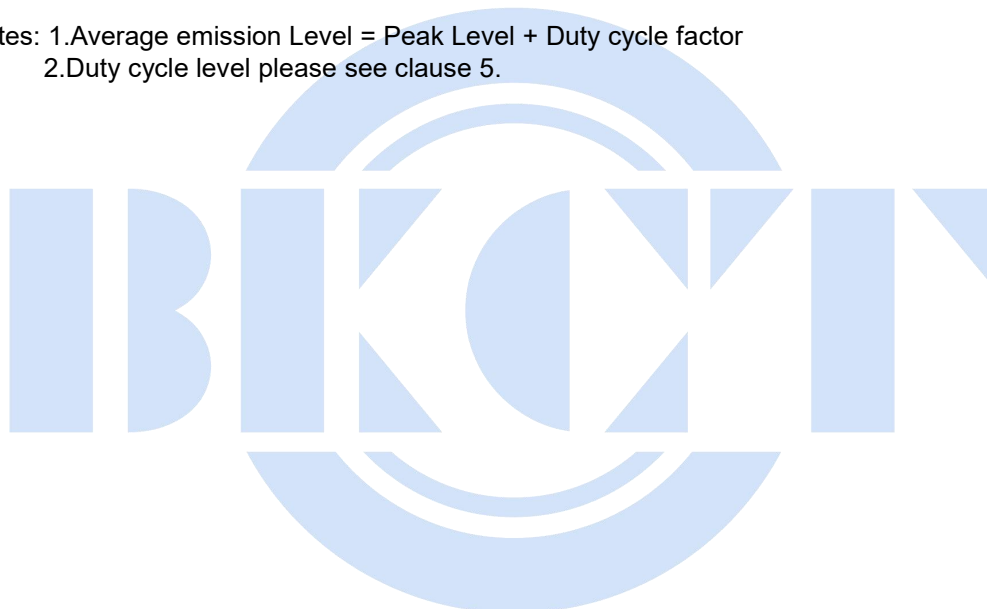
Frequency MHz	Reading (dBuV)	Factor (dB/m)	Peak Level dBuV/m	Limit (dBuV/m)	Margin	Detector	Polarization
1301.44	50.36	-6.67	43.69	74.00	-30.31	PK	Vertical
1735.29	49.17	-5.34	43.83	80.80	-36.97	PK	Vertical
2169.54	46.55	-3.88	42.67	80.80	-38.13	PK	Vertical
2603.08	45.65	-1.87	43.78	80.80	-37.02	PK	Vertical
3037.16	44.64	-0.19	44.45	80.80	-36.35	PK	Vertical
3471.05	40.09	0.91	41.00	80.80	-39.80	PK	Vertical
1301.53	45.98	-6.64	39.34	74.00	-34.66	PK	Horizontal
1734.86	45.26	-5.36	39.90	80.80	-40.90	PK	Horizontal
2169.32	42.81	-3.83	38.98	80.80	-41.82	PK	Horizontal
2603.30	44.02	-1.82	42.20	80.80	-38.60	PK	Horizontal
3037.28	41.22	-0.19	41.03	80.80	-39.77	PK	Horizontal
3470.96	39.10	-0.91	38.19	80.80	-42.61	PK	Horizontal

Notes: 1. Peak Level = Reading + Factor

Frequency MHz	Peak Level dBuV/m	Duty cycle factor	Average Level dBuV/m	Limit		Margin dB		Polarization
				PK	AV	PK	AV	
1301.44	43.69	0	43.69	74.00	54.00	-30.31	-10.31	Vertical
1735.29	43.83	0	43.83	80.80	60.80	-36.97	-16.97	Vertical
2169.54	42.67	0	42.67	80.80	60.80	-38.13	-18.13	Vertical
2603.08	43.78	0	43.78	80.80	60.80	-37.02	-17.02	Vertical
3037.16	44.45	0	44.45	80.80	60.80	-36.35	-16.35	Vertical
3471.05	41.00	0	41.00	80.80	60.80	-39.8	-19.8	Vertical
1301.53	39.34	0	39.34	74.00	54.00	-34.66	-14.66	Horizontal
1734.86	39.90	0	39.90	80.80	60.80	-40.9	-20.9	Horizontal
2169.32	38.98	0	38.98	80.80	60.80	-41.82	-21.82	Horizontal
2603.30	42.20	0	42.20	80.80	60.80	-38.6	-18.6	Horizontal
3037.28	41.03	0	41.03	80.80	60.80	-39.77	-19.77	Horizontal
3470.96	38.19	0	38.19	80.80	60.80	-42.61	-22.61	Horizontal

Notes: 1.Average emission Level = Peak Level + Duty cycle factor

2.Duty cycle level please see clause 5.



4. Bandwidth Test

4.1.Limit

Test Requirement: FCC CFR47 Part 15 Section 15.231(c)
 ,RSS-210 A1.1, RSS-Gen 6.7
Test Method: ANSI C63.10-2020+Cor.1-2023
Test Result: PASS

Limit:

The bandwidth of the emission shall be no wider than 0.25% of the center frequency for devices operating between 70 MHz to 900 MHz. Those devices operating above 900 MHz, the emission spurious shall be no wider than 0.5% of the center frequency. Bandwidth is determined at the points 20 dB down from the modulated carrier.

B.W (20dBc) Limit = $0.25\% * f(\text{MHz}) = 0.25\% * 433.92\text{MHz} = 1.085\text{MHz}$

4.2.Test Setup

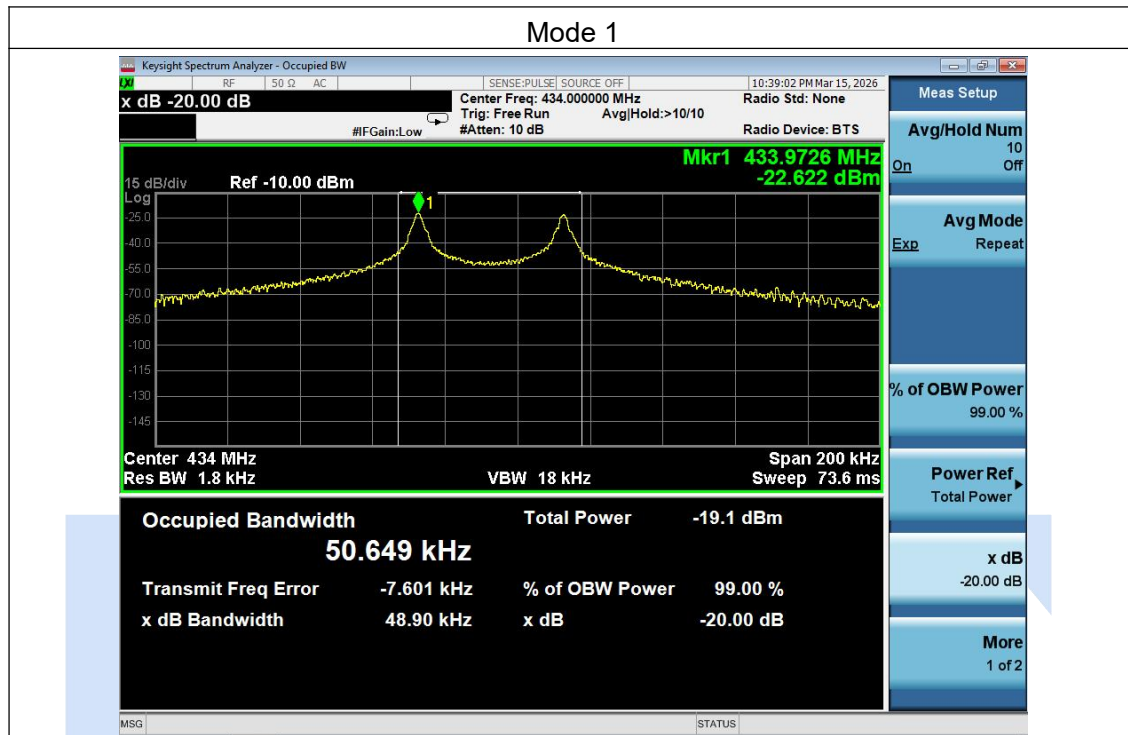


4.3.Test Procedure

Spectrum Parameter	Setting
Attenuation	Auto
Span Frequency	> Measurement Bandwidth or Channel Separation
RB	1-5%OBW
VB	≥RBW
Detector	Peak
Trace	Max Hold
Sweep Time	Auto

4.4. Test Result

Frequency	20dB Bandwidth (KHz)	Limit (MHz)	Result
433.92MHz	48.90	1.0848	PASS



5. Calculation of Average Factor

5.1. Calculation

The output field strengths of specification in accordance with the FCC rules specify measurements with an average detector. During the test, a spectrum analyzer incorporating a peak detector was used. Therefore, a reduction factor can be applied to the resultant peak signal level and compared to the limit for measurement instrumentation incorporating an average detector.

The duty cycle is measured in 100 ms or the repetition cycle period, whichever is a shorter time frame. The duty cycle is measured by placing the spectrum analyzer to set zero span at 1MHz resolution bandwidth.

Averaging factor in dB = $20\log(\text{duty cycle})$

The duty cycle is simply the on-time divided the duration of one cycle

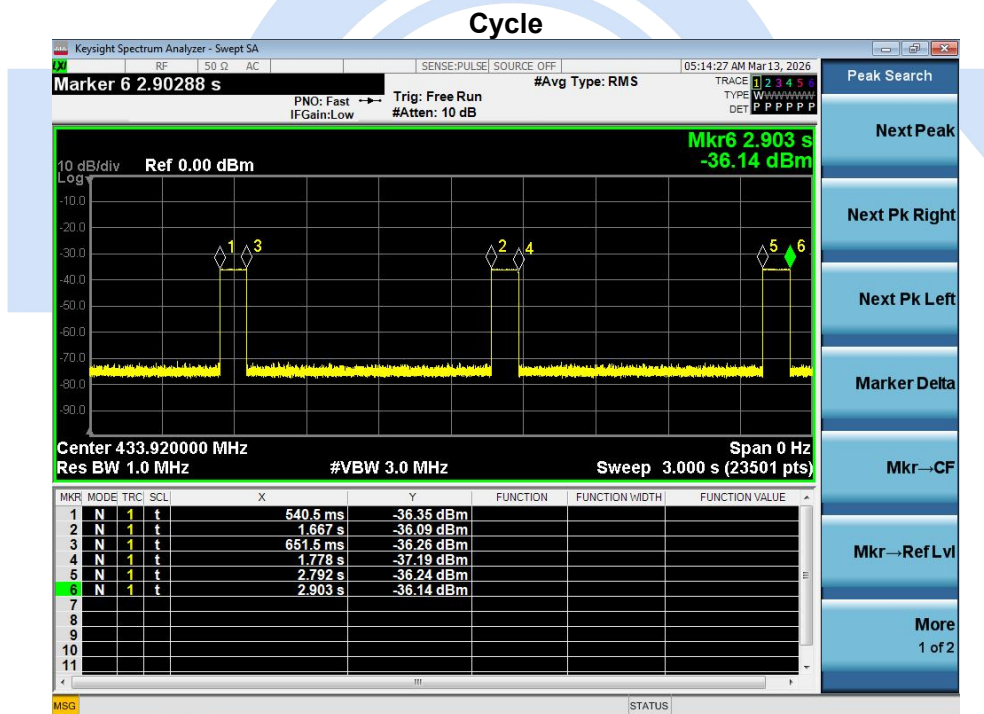
Duty Cycle = 100%

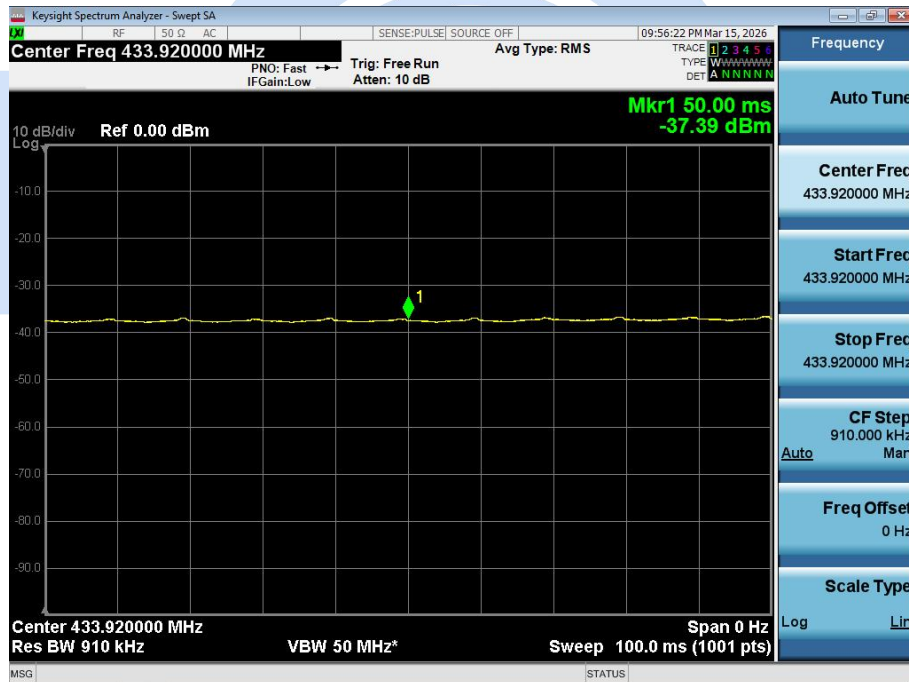
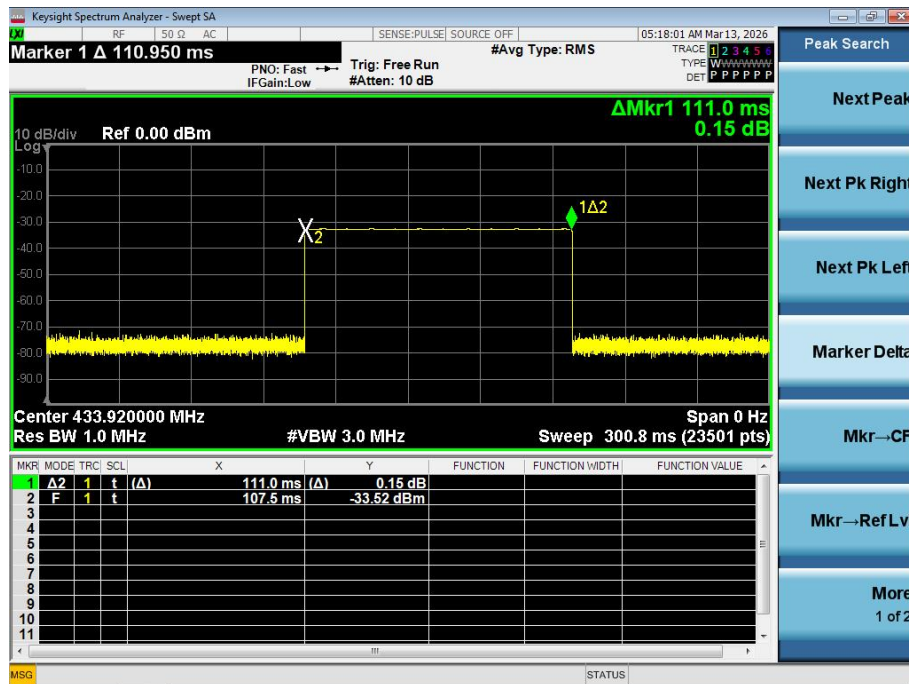
Therefore, the averaging factor is found by $20\log 1 = 0\text{dB}$

Test plot as follows:

Note: During the 100ms, the amount of pulse and on-time of pulse are the same for every pulse train.

Temperature:	26 °C	Relative Humidity:	54%
Pressure:	101kPa	Test Voltage :	DC 3.6V
Test Mode :	TX Mode		





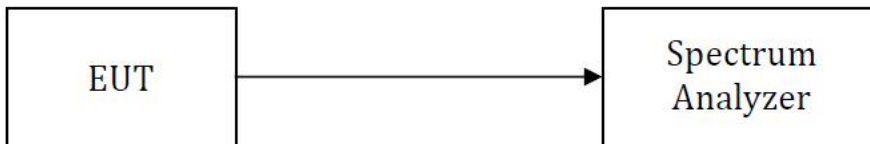
6. Dwell time

6.1.Applicable Standard

According to FCC 15.231(a) and RSS-210 A1.1 requirement:

A manually operated transmitter shall employ a switch that will automatically deactivate the transmitter within not more than 5 seconds of being released.

6.2.Test Setup



6.3.Test Procedure

Check the calibration of the measuring instrument using either an Chip calibrator or a known signal from an external generator.

1.Position the EUT without connection to measurement instrument. Turn on the EUT and connect its antenna terminal to measurement instrument via a low loss cable. Then set it to any one measured frequency within its operating range, and make sure the instrument is operated in its linear range.

2.Set RBW to 1MHz and VBW of spectrum analyzer to 3MHz with a convenient frequency span including 100 KHz bandwidth from band edge.

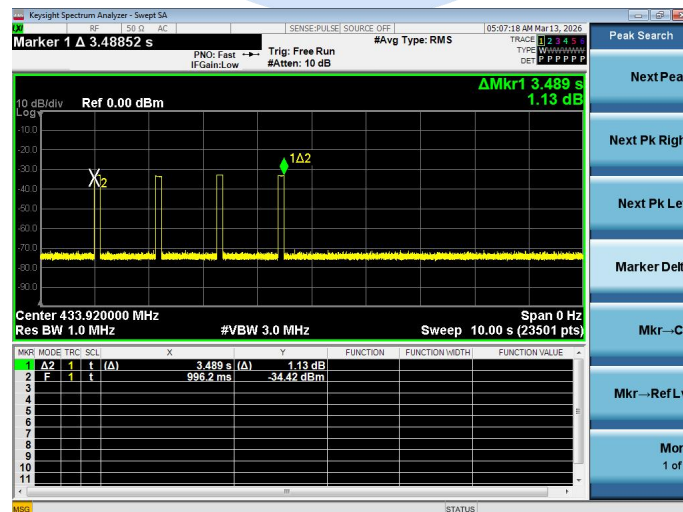
3.Measure the highest amplitude appearing on spectral display and set it as a reference level. Plot the graph with marking the highest point and edge frequency.

4.Repeat above procedures until all measured frequencies were complete.

6.4.Test Result

Dwell time (second)	Limit (second)	Result
3.489s	<5s	Pass

Test plot as follows:



7. Antenna Requirement

According to the FCC Part 15 Paragraph 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. This product has an integrated antenna fulfill the requirement of this section.

According to the RSS-Gen Section 7.1.2, 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. This product has an integrated antenna fulfill the requirement of this section.



8. Test Photographs

Please see the attachment for details.



Appendix I: Photos of the EUT

Please see the attachment for details.

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

