FCC RADIO TEST REPORT

FCC ID:2A3GS-BJQ

Product： Bed Wetting Alarm

Trade Name： /

Model Name： BJQ

Serial Model： BJQ-02

Report No.： UNIA21102209ER-61

Prepared for

Dongguan Caiyun Technology Co., Ltd.

Room 501,No.3,Yanwu Hankeng Street, Dalingshan Town, Dongguan City, Guangdong Province

Prepared by

Shenzhen United Testing Technology Co., Ltd.

2F, Annex Bldg, Jiahuangyuan Tech Park, #365 Baotian 1 Rd, Tiegang Community, Xixiang Str, Bao'an District, Shenzhen, China

TEST RESULT CERTIFICATION

Applicant's name ..... :	Dongguan Caiyun Technology Co., Ltd.
Address ..... :	Room 501,No.3,Yanwu Hankeng Street, Dalingshan Town, Dongguan City, Guangdong Province
Manufacture's Name..... :	Dongguan Caiyun Technology Co., Ltd.
Address ..... :	Room 501,No.3,Yanwu Hankeng Street, Dalingshan Town, Dongguan City, Guangdong Province

Product description

Product name ..... :	Bed Wetting Alarm
Trade Mark ..... :	/
Model and/or type reference :	BJQ, BJQ-02
Standards ..... :	FCC Rules and Regulations Part 15 Subpart C Section 15.231 ANSI C63.10: 2013

This device described above has been tested by Shenzhen United Testing Technology Co., Ltd., and the test results show that the equipment under test (EUT) is in compliance with the FCC requirements. And it is applicable only to the tested sample identified in the report.

This report shall not be reproduced except in full, without the written approval of UNI, this document may be altered or revised by Shenzhen United Testing Technology Co., Ltd., personnel only, and shall be noted in the revision of the document.

Date of Test.....:

Date (s) of performance of tests .....:	Sep. 28, 2021 ~ Oct. 19, 2021
Date of Issue.....:	Oct. 19, 2021
Test Result.....:	Pass

Prepared by: Bob liao

Bob liao/Editor

Reviewer: kahn.yang

Kahn yang/Supervisor

Approved & Authorized Signer: liuze

Liuze/Manager

Table of Contents Page

1. TEST SUMMARY

1.1 TEST PROCEDURES AND RESULTS

DESCRIPTION OF TEST	STANDARD	RESULT
Conducted Emission	FCC Part 15.207	COMPLIANT
Radiated Spurious Emission	FCC Part 15.231(b) FCC Part 15.209	COMPLIANT
Occupied Bandwidth	FCC Part 15.231(c)	COMPLIANT
Transmitter Timeout	FCC Part 15.231(a)(3)	COMPLIANT
Antenna Requirement	FCC Part 15.203	COMPLIANT

1.2 TEST FACILITY

Test Firm : Shenzhen United Testing Technology Co., Ltd.

Address : 2F, Annex Bldg, Jiahuangyuan Tech Park, #365 Baotian 1 Rd, Tiegang Community, Xixiang Str, Bao'an District, Shenzhen, China

The testing quality ability of our laboratory meet with "Quality Law of People's Republic of China" Clause 19.The testing quality system of our laboratory meets with ISO/IEC-17025 requirements. This approval result is accepted by MRA of APLAC.

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

A2LA Certificate Number: 4747.01

The EMC Laboratory has been accredited by A2LA, and in compliance with ISO/IEC 17025:2017 General Requirements for testing Laboratories.

FCC Registration Number: 674885

The EMC Laboratory has been registered and fully described in a report filed with the (FCC) Federal Communications commission.

IC Registration Number: 21947

The EMC Laboratory has been registered and fully described in a report filed with the (IC) Industry Canada.

1.3 MEASUREMENT UNCERTAINTY

The reported uncertainty of measurement y ± U, where expended uncertainty U is based on a standard uncertainty multiplied by a coverage factor of k=2, providing a level of confidence of approximately 95 %.

Measurement Uncertainty

Conducted Emission Expanded Uncertainty	=	2.23dB, k=2
Radiated emission expanded uncertainty(9kHz-30MHz)	=	3.08dB, k=2
Radiated emission expanded uncertainty(30MHz-1000MHz)	=	4.42dB, k=2
Radiated emission expanded uncertainty(Above 1GHz)	=	4.06dB, k=2

2. GENERAL INFORMATION

2.1 GENERAL DESCRIPTION OF EUT

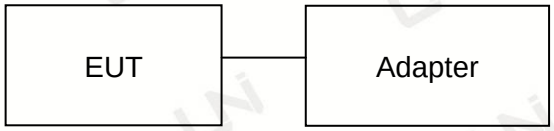
Equipment	Bed Wetting Alarm
Trade Mark	/
Model Name	BJQ
Serial No.	BJQ-02
Model Difference	All the model are the same circuit and RF module, except the model name and colour
FCC ID	2A3GS-BJQ
Antenna Type	PCB Antenna
Antenna Gain	2.0dBi
Frequency Range	433.92 MHz
Modulation Type	ASK
Battery	DC3.7V, 55mAh
Power Source	DC3.7V from battery
Adapter	N/A

2.2 Operation of EUT during testing

Operating Mode
The mode is used:
Transmitting mode for TX running at 433.92 MHz

2.3 DESCRIPTION OF TEST SETUP

Operation of EUT during Conducted testing:



Operation of EUT during Radiation and Above1GHz Radiation testing:

Table for auxiliary equipment:

Equipment Description	Manufacturer	Model	Calibration Due Date
Adapter	NOKIA	FC0302	N/A

2.4 MEASUREMENT INSTRUMENTS LIST

Item	Equipment	Manufacturer	Model No.	Serial No.	Calibrated until
CONDUCTED EMISSIONS TEST					
1	AMN	Schwarzbeck	NNLK8121	8121370	2022.9.9
2	AMN	ETS	3810/2	00020199	2022.9.9
3	EMI TEST RECEIVER	Rohde&Schwarz	ESCI	101210	2022.9.9
4	AAN	TESEQ	T8-Cat6	38888	2022.9.9
RADIATED EMISSION TEST					
1	Horn Antenna	Sunol	DRH-118	A101415	2022.9.9
2	BicoNILog Antenna	Sunol	JB1 Antenna	A090215	2022.9.9
3	PREAMP	HP	8449B	3008A00160	2022.9.9
4	PREAMP	HP	8447D	2944A07999	2022.9.9
5	EMI TEST RECEIVER	Rohde&Schwarz	ESR3	101891	2022.9.9
6	VECTOR Signal Generator	Rohde&Schwarz	SMU200A	101521	2022.9.28
7	Signal Generator	Agilent	E4421B	MY4335105	2022.9.28
8	MXA Signal Analyzer	Agilent	N9020A	MY50510140	2022.9.28
9	MXA Signal Analyzer	Agilent	N9020A	MY51110104	2022.9.9
10	ANT Tower&Turn table Controller	Champro	EM 1000	60764	2022.9.28
11	Anechoic Chamber	Taihe Maorui	9m*6m*6m	966A0001	2022.9.9
12	Shielding Room	Taihe Maorui	6.4m*4m*3m	643A0001	2022.9.9
13	RF Power sensor	DARE	RPR3006W	15I00041SNO88	2022.3.14

14	RF Power sensor	DARE	RPR3006W	15I00041SNO89	2022.3.14
15	RF power divider	Anritsu	K241B	992289	2022.9.28
16	Wideband radio communication tester	Rohde&Schwarz	CMW500	154987	2022.9.28
17	Biconical antenna	Schwarzbeck	VHA 9103	91032360	2022.9.8
18	Biconical antenna	Schwarzbeck	VHA 9103	91032361	2022.9.8
19	Broadband Hybrid Antennas	Schwarzbeck	VULB9163	VULB9163#958	2022.9.8
20	Horn Antenna	Schwarzbeck	BBHA9120D	9120D-1680	2022.1.12
21	Active Receive Loop Antenna	Schwarzbeck	FMZB 1919B	00023	2022.9.8
22	Horn Antenna	Schwarzbeck	BBHA 9170	BBHA9170651	2022.03.14
23	Microwave Broadband Preamplifier	Schwarzbeck	BBV 9721	100472	2022.9.8
24	Active Loop Antenna	Com-Power	AL-130R	10160009	2022.05.10
25	Power Meter	KEYSIGHT	N1911A	MY50520168	2022.05.10
26	Frequency Meter	VICTOR	VC2000	997406086	2022.05.10
27	DC Power Source	HYELEC	HY5020E	055161818	2022.05.10
24*	Active Loop Antenna	Com-Power	AL-130R	10160009	2022.05.09
25*	Power Meter	KEYSIGHT	N1911A	MY50520168	2022.05.09
26*	Frequency Meter	VICTOR	VC2000	997406086	2022.05.09
27*	DC Power Source	HYELEC	HY5020E	055161818	2022.05.09

3. CONDUCTED EMISSIONS TEST

3.1 Conducted Power Line Emission Limit

For unintentional device, according to § 15.207(a) Line Conducted Emission Limits is as following

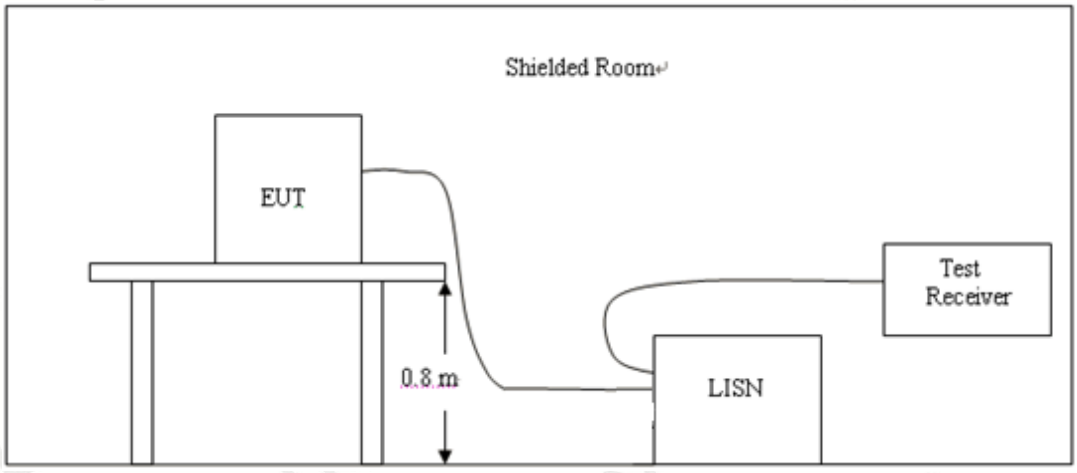
Frequency (MHz)	Maximum RF Line Voltage(dB V)			
	CLASS A		CLASS B	
	Q.P.	Ave.	Q.P.	Ave.
0.15~0.50	79	66	66~56*	56~46*
0.50~5.00	73	60	56	46
5.00~30.0	73	60	60	50

*

Decreasing linearly with the logarithm of the frequency

For intentional device, according to §15.207(a) Line Conducted Emission Limit is same as above table.

3.2 Test Setup



3.3 Test Procedure

1, The equipment was set up as per the test configuration to simulate typical actual usage per the user's manual. A wooden table with a height of 0.8 meters is used and is placed on the ground plane as per ANSI C63.10.
2, Support equipment, if needed, was placed as per ANSI C63.10.
3, All I/O cables were positioned to simulate typical actual usage as per ANSI C63.10.
4, If a EUT received DC power from the USB Port of Notebook PC, the PC's adapter received AC120V/60Hz power through a Line Impedance Stabilization Network (LISN) which supplied power source and was grounded to the ground plane.
5, All support equipments received AC power from a second LISN, if any.
6, The EUT test program was started. Emissions were measured on each current carrying line of the EUT using a spectrum Analyzer / Receiver connected to the LISN powering the EUT. The LISN has two monitoring points: Line 1 (Hot Side) and Line 2 (Neutral Side). Two scans were taken: one with Line 1 connected to Analyzer / Receiver and Line 2 connected to a 50 ohm load; the second scan had Line 1 connected to a 50 ohm load and Line 2 connected to the Analyzer / Receiver.
7, Analyzer / Receiver scanned from 150 KHz to 30MHz for emissions in each of the test modes.

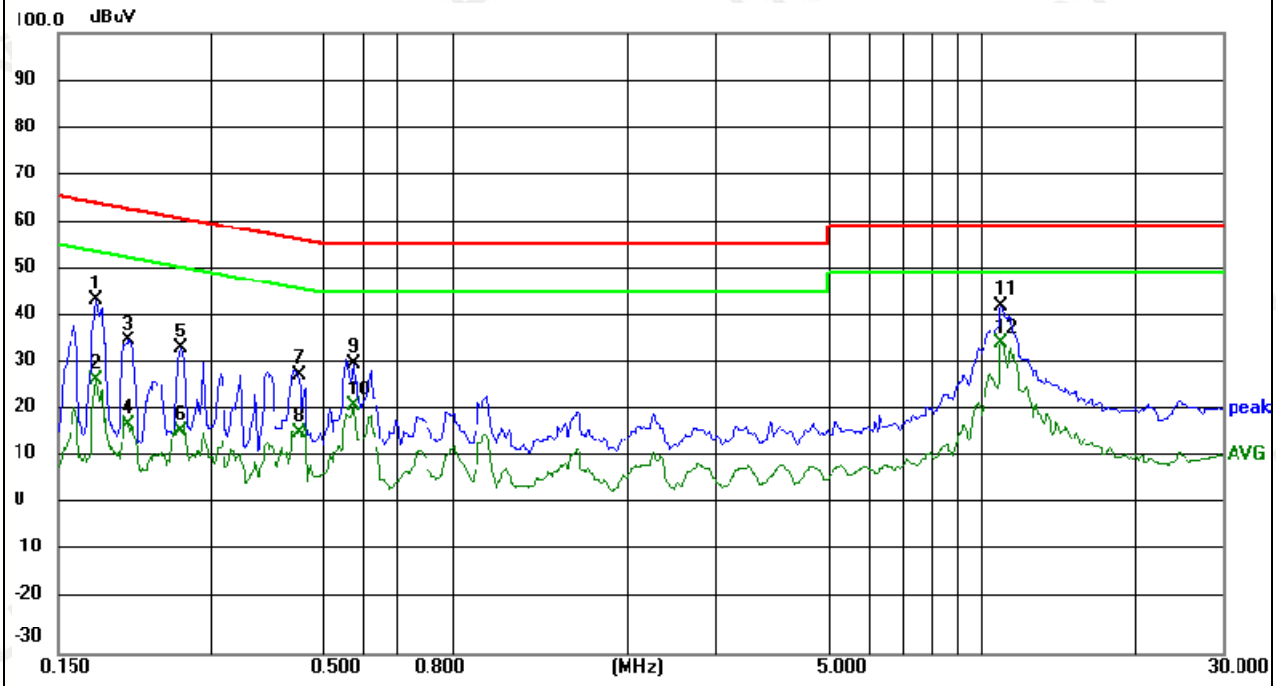
3.4 Test Result

Pass

Remark:

All modes were tested at AC 120V and 240V, only the worst result of AC 120V was reported.

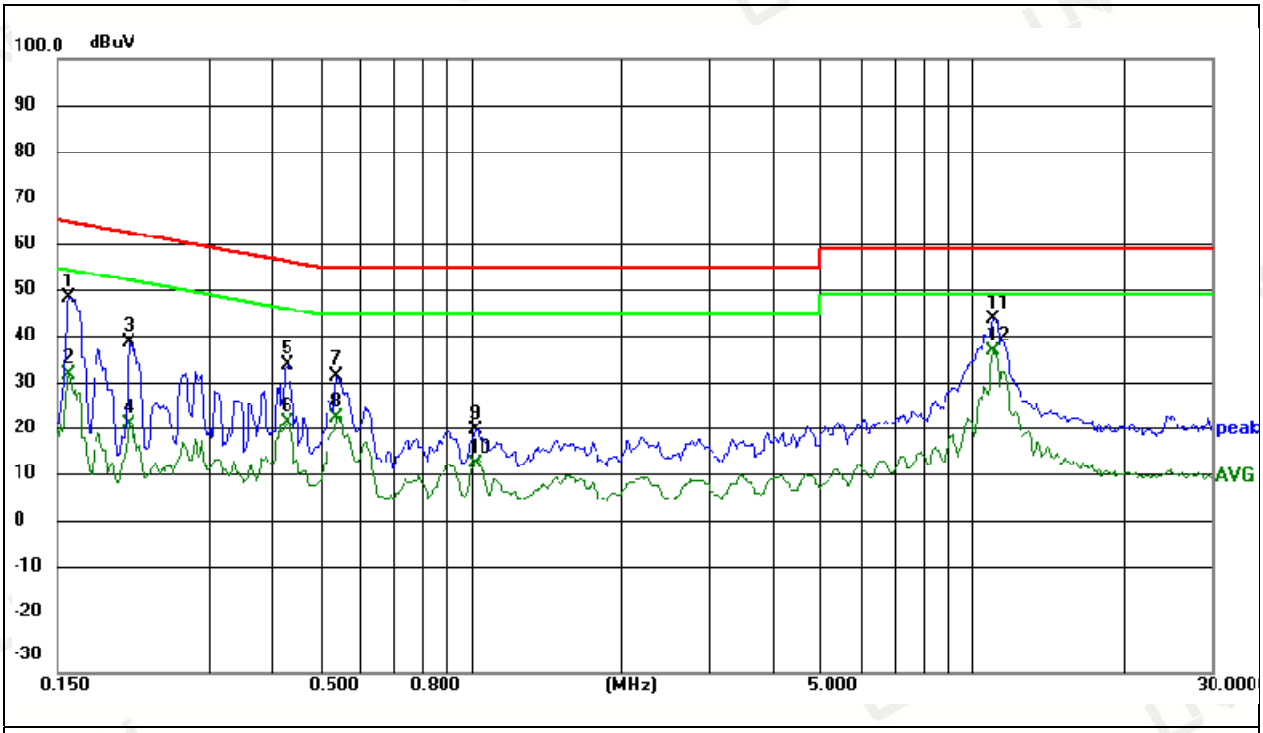
Temperature:	24℃	Relative Humidity:	48%
Test Date:	2021-10-11	Pressure:	1010hPa
Test Voltage:	AC 120V/60Hz for Adapter	Phase:	Line
Test Mode:	Charging		



Remark: Factor = Insertion Loss + Cable Loss, Result = Reading + Factor, Margin = Result – Limit.

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Detector	P/F
1	0.1776	34.35	9.77	44.12	64.60	-20.48	peak	P
2	0.1776	18.06	9.77	27.83	54.60	-26.77	AVG	P
3	0.2071	26.21	9.75	35.96	63.32	-27.36	peak	P
4	0.2071	8.50	9.75	18.25	53.32	-35.07	AVG	P
5	0.2631	24.52	9.75	34.27	61.33	-27.06	peak	P
6	0.2631	7.24	9.75	16.99	51.33	-34.34	AVG	P
7	0.4501	18.92	9.77	28.69	56.87	-28.18	peak	P
8	0.4501	6.99	9.77	16.76	46.87	-30.11	AVG	P
9	0.5786	21.29	9.77	31.06	56.00	-24.94	peak	P
10	0.5786	12.26	9.77	22.03	46.00	-23.97	AVG	P
11	10.9946	21.82	21.19	43.01	60.00	-16.99	peak	P
12 *	10.9946	13.87	21.19	35.06	50.00	-14.94	AVG	P

Temperature:	24℃	Relative Humidity:	48%
Test Date:	2021-10-11	Pressure:	1010hPa
Test Voltage:	AC 120V/60Hz for Adapter	Phase:	Neutral
Test Mode:	Charging		



Remark: Factor = Insertion Loss + Cable Loss, Result = Reading + Factor, Margin = Result – Limit.

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Detector	P/F
1	0.1580	39.72	9.78	49.50	65.57	-16.07	peak	P
2	0.1580	23.37	9.78	33.15	55.57	-22.42	AVG	P
3	0.2084	30.35	9.75	40.10	63.27	-23.17	peak	P
4	0.2084	13.10	9.75	22.85	53.27	-30.42	AVG	P
5	0.4308	25.46	9.77	35.23	57.24	-22.01	peak	P
6	0.4308	13.38	9.77	23.15	47.24	-24.09	AVG	P
7	0.5403	23.08	9.77	32.85	56.00	-23.15	peak	P
8	0.5403	14.27	9.77	24.04	46.00	-21.96	AVG	P
9	1.0236	11.62	9.79	21.41	56.00	-34.59	peak	P
10	1.0236	4.67	9.79	14.46	46.00	-31.54	AVG	P
11	11.0652	23.78	21.28	45.06	60.00	-14.94	peak	P
12 *	11.0652	16.65	21.28	37.93	50.00	-12.07	AVG	P

4 RADIATED EMISSION TEST

4.1 Radiation Limit

For unintentional device, according to § 15.209(a), except for Class A digital devices, the field strength of radiated emissions from unintentional radiators at a distance of 3 meters shall not exceed the following values：

Frequency	Field strength (microvolt/meter)	Limit (dBuV/m)	Remark	Measurement distance (m)
0.009MHz-0.490MHz	2400/F (kHz)	-	Quasi-peak	300
0.490MHz-1.705MHz	24000/F (kHz)	-	Quasi-peak	30
1.705MHz-30MHz	30	-	Quasi-peak	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-1GHz	500	54.0	Quasi-peak	3
Above 1GHz	500	54.0	Average	3
		74.0	Peak	3

Limit calculation and transfer to 3m distance as showed in the following table:

Frequency (MHz)	**Limit (dBuV/m)**	**Distance (m)**
0.009-0.490	20log(2400/F(KHz))+40log(300/3)	3
0.490-1.705	20log(24000/F(KHz))+40log(30/3)	3
1.705-30.0	69.5	3
30-88	40.0	3
88-216	43.5	3
216-960	46.0	3
Above 960	54.0	3

For intentional device, according to § 15.209(a), the general requirement of field strength of radiated emissions from intentional radiators at a distance of 3 meters shall not exceed the above table.

LIMITS OF RADIATED EMISSION MEASUREMENT (FCC 15.231)

Fundamental Frequency (MHz)	Field Strength of fundamental (microvolts/meter)	Field Strength of Unwanted Emissions (microvolts/meter)
40.66 - 40.70	2250.00	225.00
70 - 130	1250.00	125.00
130 - 174	1,250 to 3,750 **	125 to 375 **
174 - 260	3750.00	375.00
260 - 470	3,750 to 12,500 **	375 to 1,250 **
Above 470	12500.00	1250.00

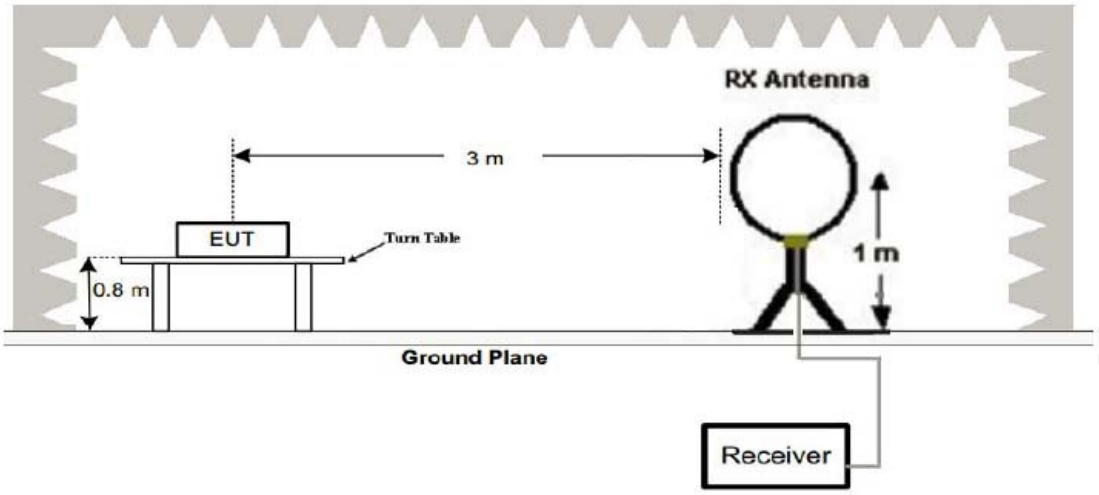
Notes: ** linear interpolations

[Where F is the frequency in MHz, the formulas for calculating the maximum permitted fundamental field strengths are as follows: for the band 130-174 MHz, uV/m at 3 meters = 56.81818(F) - 6136.3636; for the band 260-470 MHz, uV/m at 3 meters = 41.6667(F) - 7083.3333. The maximum permitted unwanted emission level is 20 dB below the maximum permitted fundamental level.]

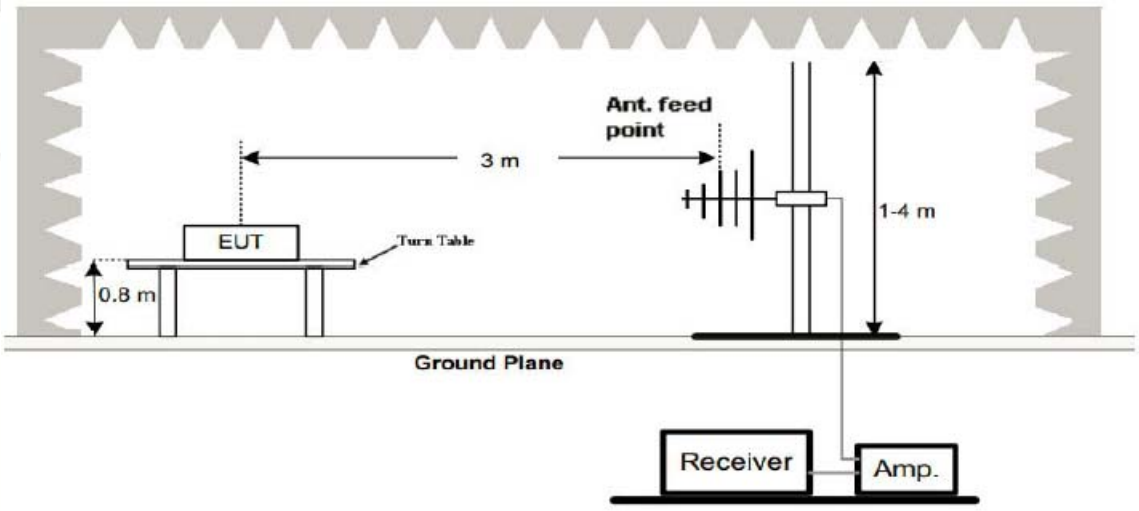
The limits on the field strength of the spurious emissions in the above table are based on the fundamental frequency of the intentional radiator. Spurious emissions shall be attenuated to the average (or, alternatively, CISPR quasi-peak) limits shown in this table or to the general limits shown in 93 Section 15.209, whichever limit permits a higher field strength.

4.2 Test Setup

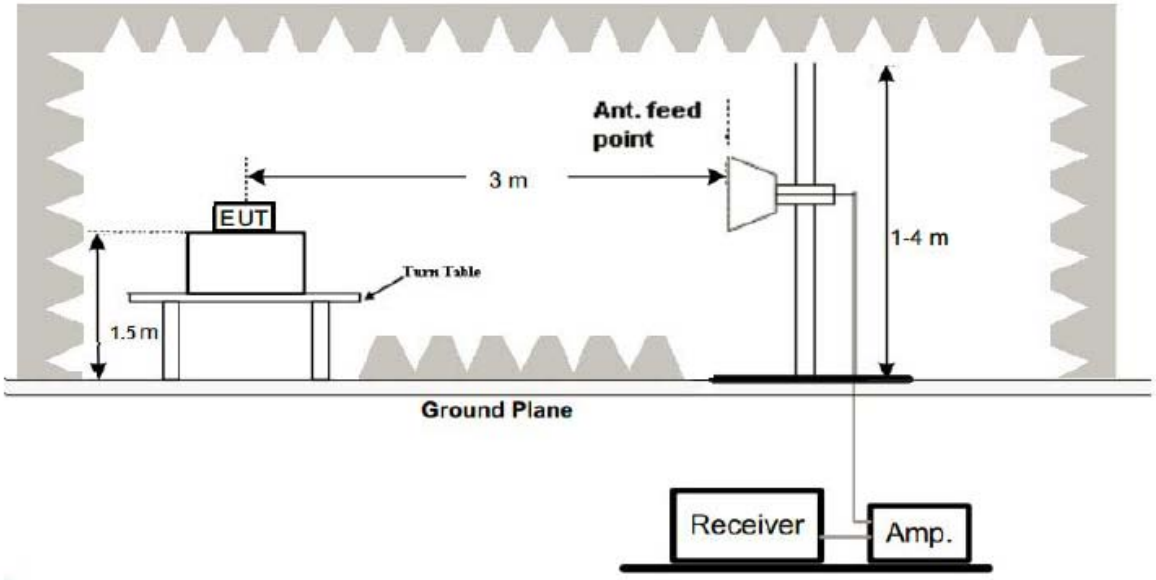
1. Radiated Emission Test-Up Frequency Below 30MHz



2. Radiated Emission Test-Up Frequency 30MHz~1GHz



3. Radiated Emission Test-Up Frequency Above 1GHz



4.3 Test Procedure

1. Below 1GHz measurement the EUT is placed on turntable which is 0.8m above ground plane. And above 1GHz measurement EUT was placed on low permittivity and low tangent turn table which is 1.5m above ground plane.
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 varied from 1m to 4m to find out the highest 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.

Note:
For battery operated equipment, the equipment tests shall be performed using a new battery.

4.4 Test Result

PASS
Remark:
1. By preliminary testing and verifying three axis (X, Y and Z) position of EUT transmitted status, it was found that “Z axis” position was the worst, and test data recorded in this report.

Below 30M

Temperature:	22℃	Relative Humidity:	48%
Test Date:	2021-10-11	Pressure:	1010hPa
Test Voltage:	DC3.7V from battery	Polarization:	Horizontal
Test Mode:	TX		

Freq.	Reading	Limit	Margin	State
(MHz)	(dBuV/m)	(dBuV/m)	(dB)	P/F
--	--	--	--	P
--	--	--	--	P

Note:

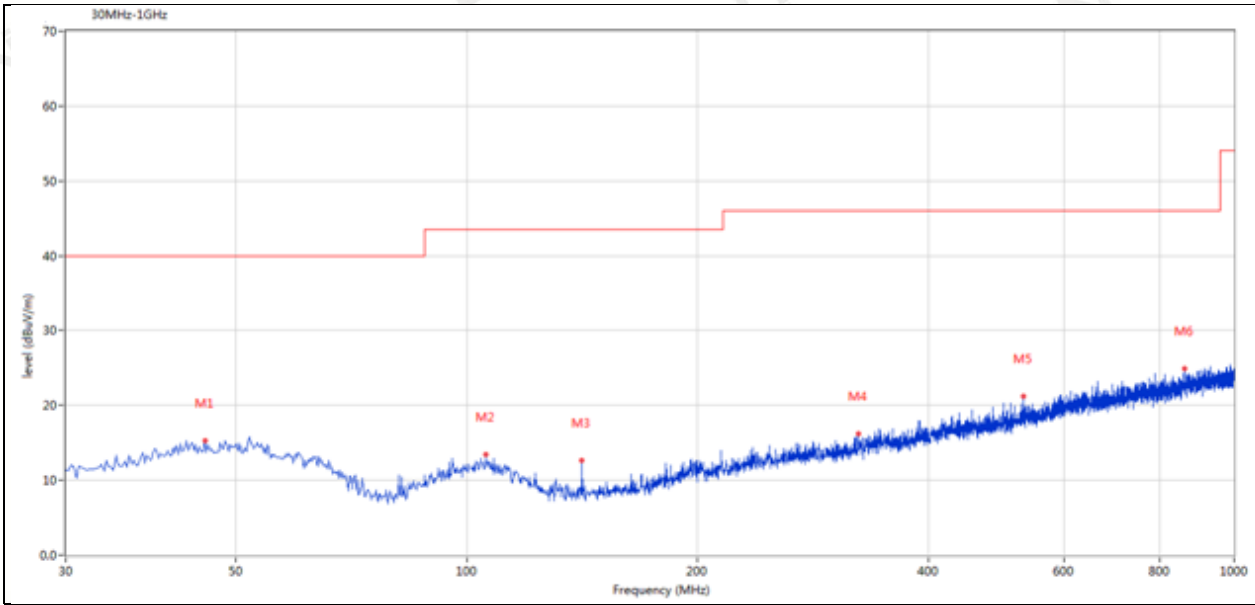
The amplitude of spurious emissions which are attenuated by more than 20dB below the permissible value has no need to be reported.

Distance extrapolation factor =20 log (specific distance/test distance)(dB);

Limit line = specific limits(dBuv) + distance extrapolation factor

BETWEEN 30 – 1000 MHz Test Results:

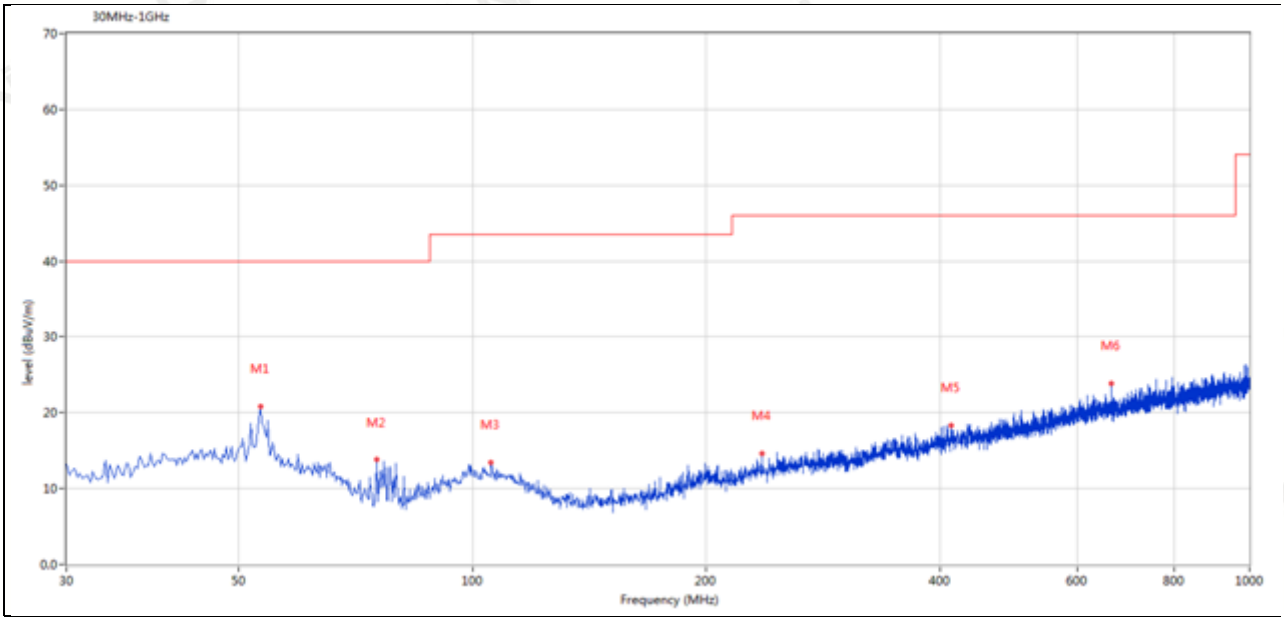
Temperature:	22℃	Relative Humidity:	48%
Test Date:	2021-10-11	Pressure:	1010hPa
Test Voltage:	DC3.7V from battery	Polarization:	Horizontal
Test Mode:	TX		



Remark:
1. Factor = Antenna Factor + Cable Loss – Pre-amplifier.

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	ANT	Verdict
1	45.516	15.30	-11.39	40.0	-24.70	Peak	Horizontal	Pass
2	105.884	13.51	-13.29	43.5	-29.99	Peak	Horizontal	Pass
3	141.280	12.65	-17.27	43.5	-30.85	Peak	Horizontal	Pass
4	324.079	16.19	-10.47	46.0	-29.81	Peak	Horizontal	Pass
5	532.334	21.25	-6.40	46.0	-24.75	Peak	Horizontal	Pass
6	861.082	24.93	-2.32	46.0	-21.07	Peak	Horizontal	Pass

Temperature:	22℃	Relative Humidity:	48%
Test Date:	2021-10-11	Pressure:	1010hPa
Test Voltage:	DC3.7V from battery	Polarization:	Vertical
Test Mode:	TX		



Remark: Factor = Antenna Factor + Cable Loss – Pre-amplifier.

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	ANT	Verdict
1	53.274	20.85	-11.51	40.0	-19.15	Peak	Vertical	Pass
2	75.336	13.78	-17.38	40.0	-26.22	Peak	Vertical	Pass
3	105.641	13.48	-13.27	43.5	-30.02	Peak	Vertical	Pass
4	235.589	14.59	-12.48	46.0	-31.41	Peak	Vertical	Pass
5	412.812	18.33	-8.35	46.0	-27.67	Peak	Vertical	Pass
6	664.706	23.88	-4.40	46.0	-22.12	Peak	Vertical	Pass

Temperature:	22℃	Relative Humidity:	48%
Test Date:	2021-10-11	Pressure:	1010hPa
Test Voltage:	DC3.7V from battery	Polarization:	Horizontal
Test Mode:	TX		

Frequency	Average Factor	Field Strength	Field Strength	Limit(PK)	Limit(AV)	State
MHz	dB	dBuV/m (PK)	dBuV/m (AV)	dBuV/m	dBuV/m	
433.92	-8.64	82.10	73.46	100.83	80.83	pass
867.84	-8.64	38.07	29.43	80.83	60.83	pass
1301.76	-8.64	34.76	26.12	80.83	60.83	pass
1735.68	-8.64	34.74	26.10	80.83	60.83	pass

Temperature:	22℃	Relative Humidity:	48%
Test Date:	2021-10-11	Pressure:	1010hPa
Test Voltage:	DC3.7V from battery	Polarization:	Vertical
Test Mode:	TX		

Frequency	Average Factor	Field Strength	Field Strength	Limit(PK)	Limit(AV)	State
MHz	dB	dBuV/m (PK)	dBuV/m (AV)	dBuV/m	dBuV/m	
433.92	-8.64	79.56	70.92	100.83	80.83	pass
867.84	-8.64	36.81	28.17	80.83	60.83	pass
1301.76	-8.64	37.02	28.38	80.83	60.83	pass
1735.68	-8.64	35.10	26.46	80.83	60.83	pass

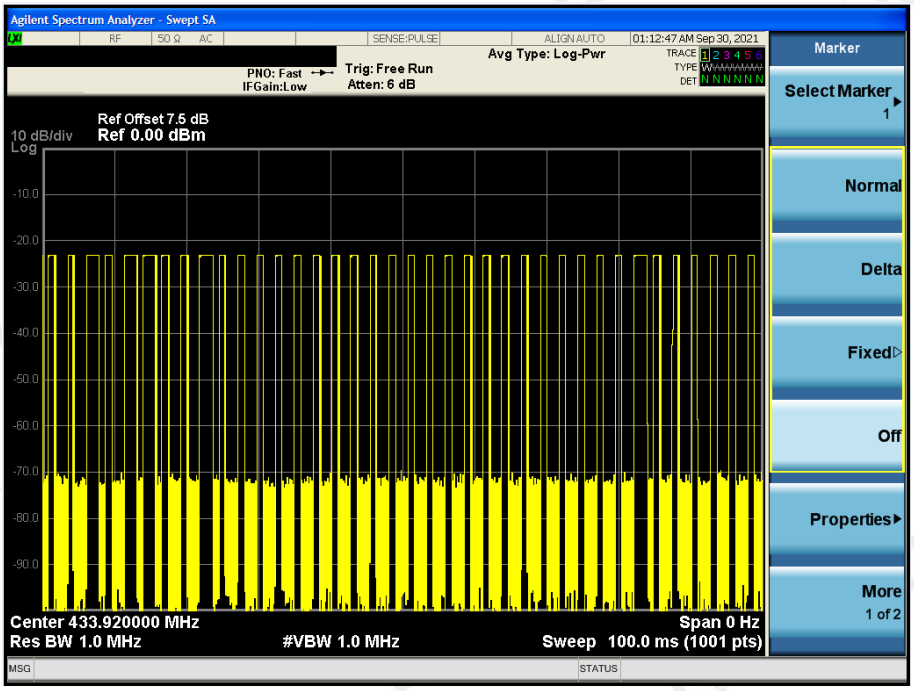
Remark: Absolute Level = Reading Level + Factor, Margin = Absolute Level – Limit
Factor = Ant. Factor + Cable Loss – Pre-amplifier

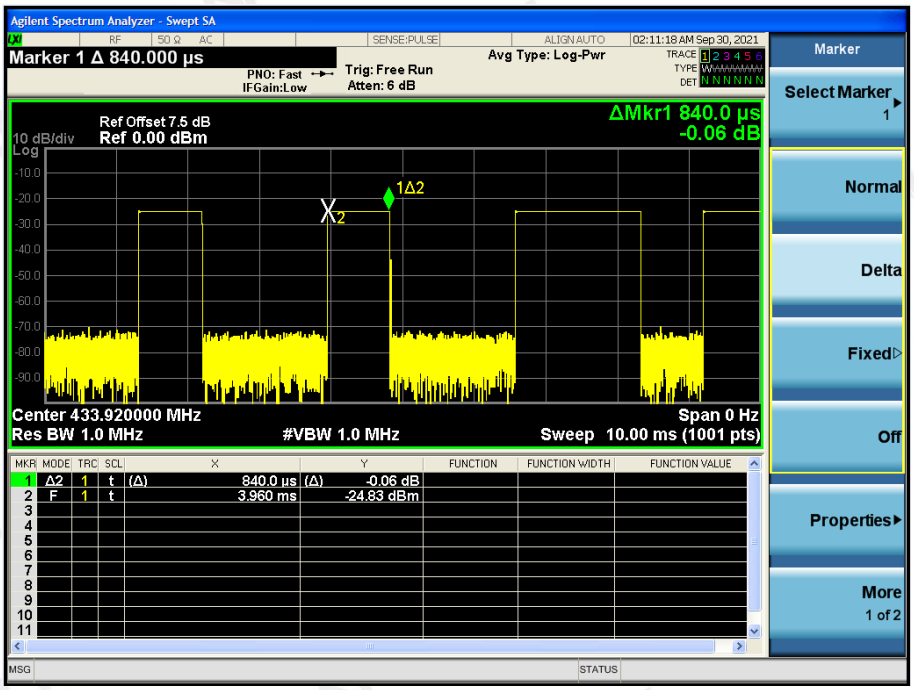
Note: 1. EUT Pre-scan X/Y/Z orientation, only worst case is presented in the report(Z orientation).
2. *Calculate Average value based on Duty Cycle correction factor:
Duty Cycle=Ton/(Ton+Toff)= (0.84msx33+1.76 msx5)/100ms =0.37=37%
Duty Cycle factor=20lg(Duty Cycle)=20lg(0.37)= -8.64dB
Average=Peak+ Duty Cycle factor
3. Pulse Desensitization Correction Factor
Pulse Width(PW)=36.52ms
2/PW=2/36.52ms=0.05kHz
RBW(100kHz)＞2/PW (0.05KHz)
Therefore PDCF is not needed

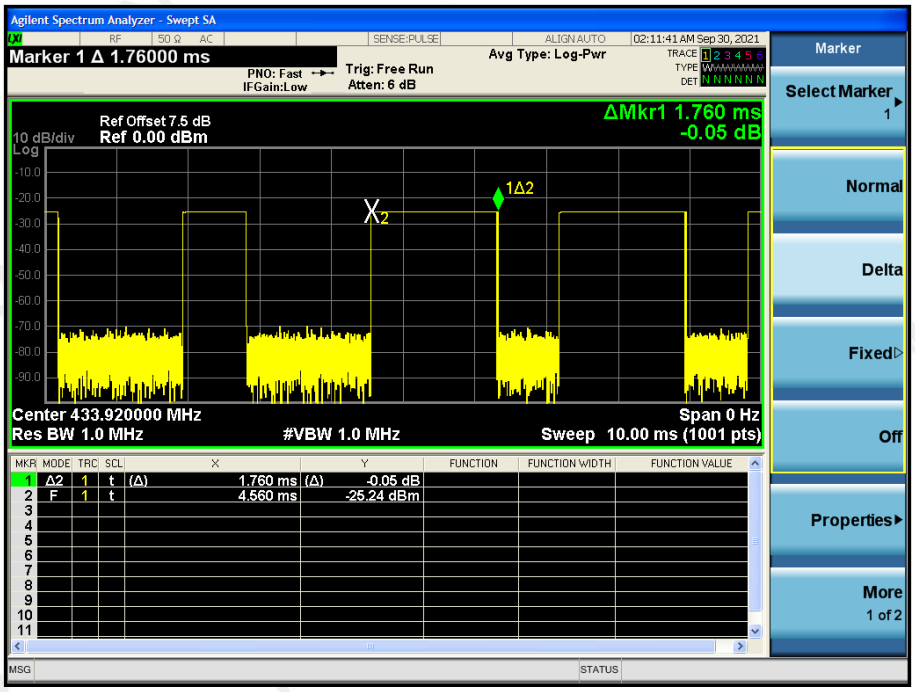
Duty Cycle:

The duty cycle is simply the on time divided by the period:
The duration of one cycle = 100ms
Effective period of the cycle = 0.84ms×33+1.76ms×5=36.52ms
Duty Cycle = 36.52ms/100ms =0.37

The duration of one cycle






Agilent Spectrum Analyzer - Swept SA
Marker 1 Δ 1.76000 ms
PNO: Fast
IFGain:Low
Trig: Free Run
Atten: 6 dB
Avg Type: Log-Pwr
02:11:41 AM Sep 30, 2021
Ref Offset 7.5 dB
10 dB/div
Ref 0.00 dBm
ΔMkr1 1.760 ms
-0.05 dB
Center 433.920000 MHz
Res BW 1.0 MHz
#VBW 1.0 MHz
Span 0 Hz
Sweep 10.00 ms (1001 pts)
1 Δ2 1 t (Δ) 1.760 ms -0.05 dB
2 F 1 t 4.560 ms -25.24 dBm
Marker
Select Marker
Normal
Delta
Fixed
Off
Properties
More
1 of 2

5 OCCUPIED BANDWIDTH MEASUREMENT

5.1 Test Procedure

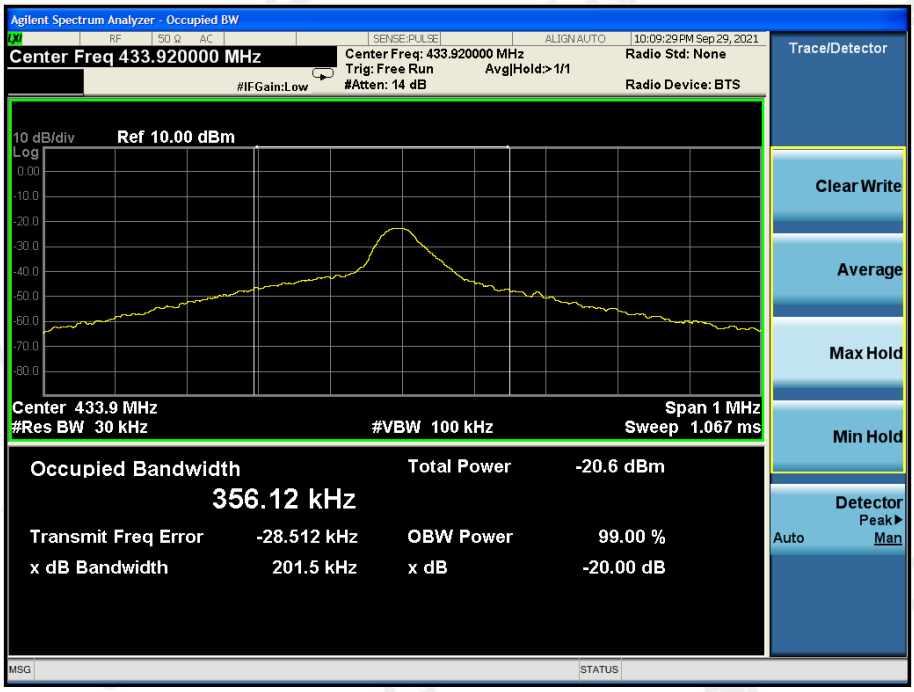
The bandwidth of the emission shall be no wider than 0.25% of the center frequency for devices operating above 70 MHz and below 900 MHz. For devices operating above 900 MHz, the emission shall be no wider than 0.5% of the center frequency. Bandwidth is determined at the points 20 dB down from the modulated carrier.
Limit: 433.92MHz*0.25%=1084.8KHz

5.2 TEST SETUP

5.3 Test Result

PASS

Mode	Freq (MHz)	20dB (kHz)	Limit (kHz)
TX	433.92	201.5	1084.8



6 TRANSMITTER TIMEOUT

6.1 REQUIREMENTS

1 A manually operated transmitter shall employ a switch that will automatically deactivate the transmitter within not more than 5 seconds of being released.
Result: The EUT does not have a automatically activated transmitter .

2 A transmitter activated automatically shall cease transmission within 5 seconds after activation.
Result: The EUT has a automatically activated transmitter, please refer to below detail data.

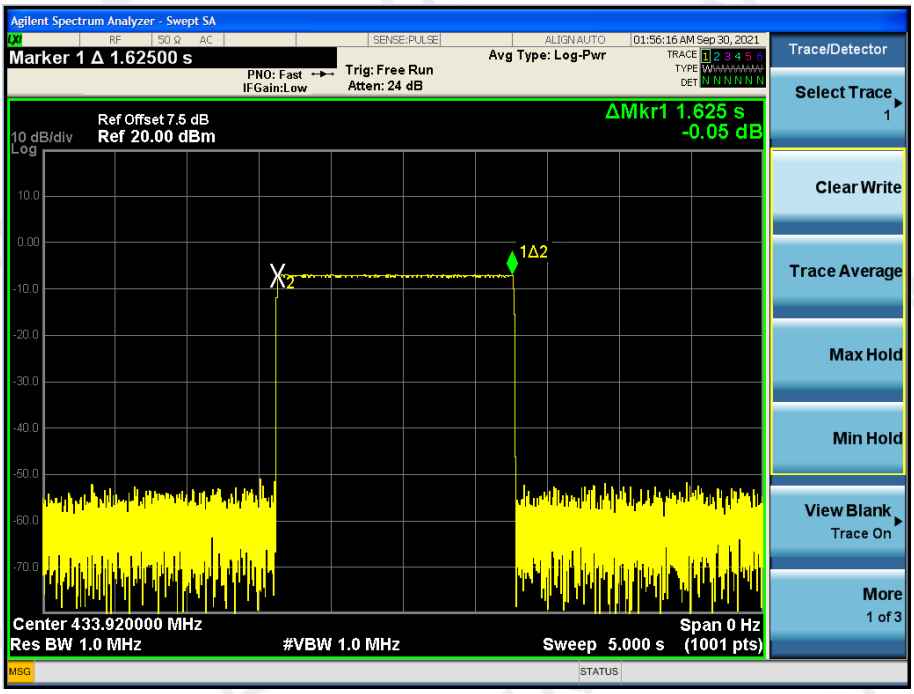
3 Periodic transmissions at regular predetermined intervals are not permitted. However, polling or supervision transmissions, including data, to determine system integrity of transmitters used in security or safety applications are allowed if the total duration of transmissions does not exceed more than two seconds per hour for each transmitter. There is no limit on the number of individual transmissions, provided the total transmission time does not exceed two seconds per hour
Result: The EUT does not employ periodic transmission.

4 Intentional radiators which are employed for radio control purposes during emergencies involving fire, security, and safety of life, when activated to signal an alarm, may operate during the pendency of the alarm condition.
Result: The section is not applicable to EUT.

6.2 TEST RESULT

PASS

Test data



THE DURATION OF EACH TRANSMISSION	Limit	RESULT
1.625s	<5s	PASS

7 ANTENNA REQUIREMENT

Standard Applicable:
For intentional device, according to FCC 47 CFR Section 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.

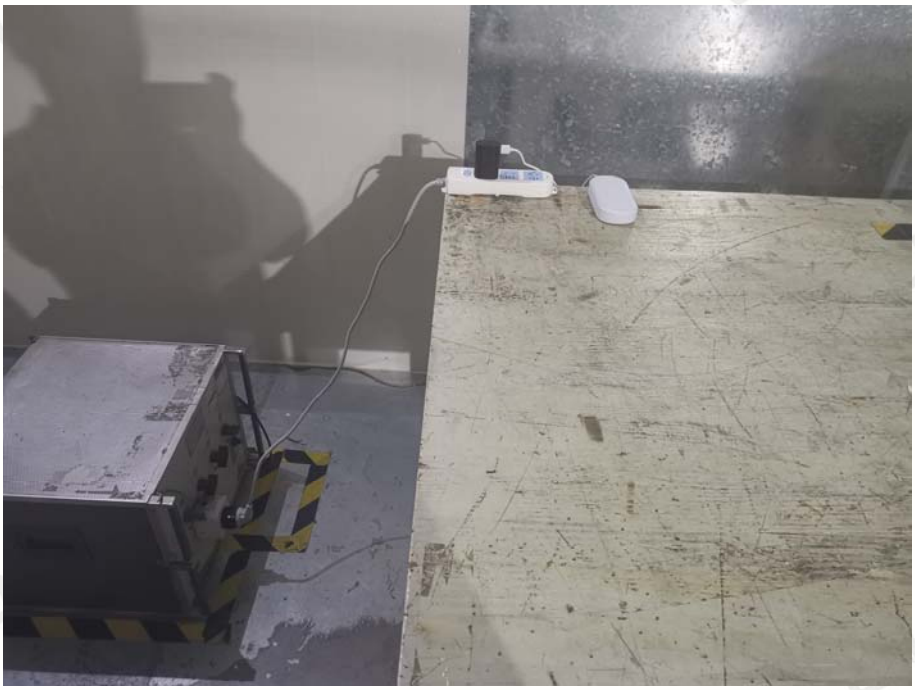
Antenna Connected Construction
The antenna used in this product is a PCB Antenna, The directional gains of antenna used for transmitting is 2.0dBi.

ANTENNA:

8 PHOTO OF TEST

8.1 RADIATED EMISSION

8.2 CONDUCTED EMISSION



End of Report