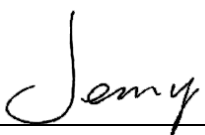


FCC RADIO TEST REPORT

Applicant..... : Suzhou Fenxu Technology Co., LTD
Address..... : Room 2175, 2F, Building 1, No. 2358, Chang 'an Road, Jiangling
Sub-district, Wujiang District, Suzhou City
Manufacturer..... : Zhongshan Huajiang Electronics Co., LTD
Address..... : No. 1, 2nd Floor, Jianhui Building, No. 20, Haotou Commercial Street, Torch
Development Zone, Zhongshan City
Factory..... : Zhongshan Huajiang Electronics Co., LTD
Address..... : No. 1, 2nd Floor, Jianhui Building, No. 20, Haotou Commercial Street, Torch
Development Zone, Zhongshan City
Product Name..... : Automatic cat ball Remote control
Brand Name..... : N/A
Model No. : MQ-01, MQ-02, MQ-03, MQ-04, MQ-05, MQ-06
(For model difference refer to section 2)
FCC ID..... : 2BWAZMQ-01
Measurement Standard..... : 47 CFR FCC Part 15, Subpart C (Section 15.231)
Receipt Date of Samples..... : December 15, 2025
Date of Tested..... : December 15, 2025 to March 16, 2026
Date of Report..... : May 28, 2026

This report shows that above equipment is technically compliant with the requirements of the standards above.
All test results in this report apply only to the tested sample(s). Without prior written approval of Dongguan
Nore Testing Center Co., Ltd, this report shall not be reproduced except in full.



Prepared by

Jenny Liu / Project Engineer



Approved by

Iori Fan / Authorized Signatory

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Revision History

Report Number	Description	Issued Date
NTC2512195FV00	Initial Issue	2026-05-28

1. Summary of Test Result

FCC Rules	Description of Test	Result	Remarks
§15.207 (a)	AC Power Line Conducted Emission	PASS	---
§15.231(b) & 15.209	Radiated Spurious Emission	PASS	---
§15.231(c)	20 dB Occupied bandwidth	PASS	---
§15.231(a)	Transmission time	PASS	---
§15.203	Antenna Requirement	PASS	---
Note: The EUT has been tested as an independent unit. And continual transmitting in maximum power.			

2. General Description of EUT

Product Information	
Product Name:	Automatic cat ball Remote control
Main Model Name:	MQ-01
Additional Model Name:	MQ-02, MQ-03, MQ-04, MQ-05, MQ-06
Model Difference:	These models have the same circuit schematic, construction, PCB Layout and critical components. The difference is model number only due to trading purpose.
S/N:	2512-7583
Brand Name:	N/A
Hardware Version:	V1.00
Software Version:	Not stated
Rating:	Voltage: 3.7V, Internal Clock Rate Lowest: 433MHz DC 5V come from Type-C port
Classification:	Class B
Typical arrangement:	Table-top
I/O Port:	Refer to the user manual
Accessories Information	
Adapter:	N/A
Cable:	N/A
Other:	N/A
Additional Information	
Note:	According to the model difference, all the test were performed on model MQ-01.
Remark:	All the information above are provided by the manufacturer. More detailed feature of the EUT please refers to the user manual.

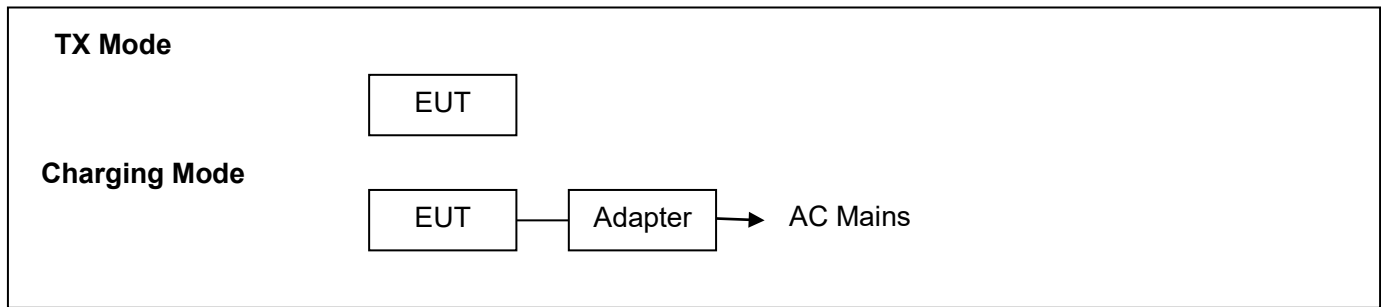
Technical Specification	
Declaring the Frequency:	433.922MHz
Modulation Type:	ASK
Antenna Type:	PCB antenna
Antenna Gain:	2 dBi (Declared by manufacturer)
Number of Channels:	1

3. Test Channels and Modes Detail

Mode		Test Frequency (MHz)	Modulation	Data Rate (Mbps)
1	TX	433.922MHz	ASK	---
2	Charging + TX	433.922MHz	ASK	---

Note: TX mode means that the EUT was programmed to be in continuously transmitting mode.

4. Configuration of EUT



5. Modification of EUT

No modifications are made to the EUT during all test items.

6. Description of Support Device

The EUT has been tested as an independent unit together with other necessary accessories or support units. The following support units or accessories were used to form a representative test configuration during the tests.

No.	Equipment	Brand	M/N	S/N	Cable Specification	Remarks
1.	Adapter	HUAWEI	HW-100225 C00	HC78EAM9 402613	Input: AC100-240V 50/60Hz, 0.75A Output: DC 5V 2A DC 9V 2A 10V 2.25A Max	Provided by manufacturer

7. Test Facility and Location

Test Site	:	Dongguan Nore Testing Center Co., Ltd. (Dongguan NTC Co., Ltd.)
Accreditations and Authorizations	:	The Laboratory has been assessed and proved to be in compliance with CNAS/CL01 Listed by CNAS, August 13, 2018 The Certificate Registration Number is L5795. The Certificate is valid until August 13, 2030 The Laboratory has been assessed and proved to be in compliance with ISO17025 Listed by A2LA, November 01, 2017 The Certificate Registration Number is 4429.01 The Certificate is valid until December 31, 2027 Listed by FCC, November 06, 2017 Test Firm Registration Number: 907417 Listed by IESD, June 08, 2017 The Certificate Registration Number. Is 46405-9743A The CAB identifier number: CN0015
Test Site Location	:	Room 101, 1101, Building 2, No. 61, Hongmei Section, Wangsha Road, Hongmei Town, Dongguan, Guangdong, People's Republic of China

8. Applicable Standards and References

According to the specifications of the manufacturer, the EUT must comply with the requirements of the following standards:

Test Standards:

47 CFR Part 15, Subpart C, 15.231

ANSI C63.10-2020+Cor 1-2023

References Test Guidance:

N/A

9. Deviations and Abnormalities from Standard Conditions

No additions, deviations and exclusions from the standard.

10. Test Conditions

No.	Test Item	Test Mode	Test Voltage	Tested by	Remarks
1.	AC Power Conducted Emission	2	AC 120V 60Hz	Sean	See note 1
2.	Radiated Emission	1-2	DC 3.7V AC 120V 60Hz	Sean	See note 1
3.	20 dB Occupied bandwidth	1	DC 3.7V	Sean	See note 1
4.	Transmission time	1	DC 3.7V	Sean	See note 1
5.	Antenna Requirement	---	---	---	---

Note:

- The testing climatic conditions for temperature, humidity, and atmospheric pressure are within: 15~35°C, 30~70%, 86~106kPa.
- As the EUT can be operated multiple positions, all X,Y,Z axis were considered during the test and only the worst case X was recorded.
- DC 3.7V come from internal li-ion battery, and AC 120V 60Hz come from adapter. Only the worst case was recorded in the report.

11. Measurement Uncertainty

No.	Test Item	Frequency	Uncertainty	Remarks
1.	Conducted Emission	150KHz ~ 30MHz	±2.46 dB	---
2.	Radiated Emission Test	9kHz ~ 30MHz	±5.63 dB	---
		30MHz ~ 1GHz	±5.63 dB	---
		1GHz ~ 18GHz	±5.16 dB	---
		18GHz ~ 40GHz	±5.16 dB	---
3.	Occupied Bandwidth	---	±0.71%	---
4.	Transmission time	---	±0.01ms	---

Note:

1. This uncertainty represents an expanded uncertainty expressed at approximately the 95% confidence level using a coverage factor of k=2.
2. The measurement uncertainty levels above are estimated and calculated according to CISPR 16-4-2.
3. The conformity assessment statement in this report is based solely on the test results, measurement uncertainty is excluded.

12. Sample Calculations

Conducted Emission						
Freq. (MHz)	Reading Level (dBUV)	Correct Factor (dB)	Measurement (dBUV)	Limit (dBUV)	Over (dB)	Detector
0.1900	30.10	10.60	40.70	79.00	-38.30	QP
Where, Freq. = Emission frequency in MHz Reading Level = Spectrum Analyzer/Receiver Reading Corrector Factor = Insertion loss of LISN + Cable Loss + RF Switching Unit attenuation Measurement = Reading + Corrector Factor Limit = Limit stated in standard Margin = Measurement - Limit Detector = Reading for Quasi-Peak / Average / Peak						

Radiated Spurious Emissions						
Freq. (MHz)	Reading Level (dBUV)	Correct Factor (dB/m)	Measurement (dBUV/m)	Limit (dBUV/m)	Over (dB)	Detector
324.8800	14.81	22.09	36.90	46.00	-9.10	QP
Where, Freq. = Emission frequency in MHz Reading Level = Spectrum Analyzer/Receiver Reading Corrector Factor = Antenna Factor + Cable Loss - Pre-amplifier Measurement = Reading + Corrector Factor Limit = Limit stated in standard Over = Margin, which calculated by Measurement - Limit Detector = Reading for Quasi-Peak / Average / Peak						

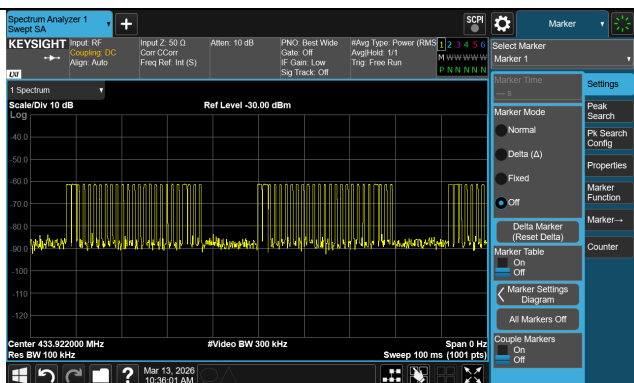
Note: For all conducted test items, the spectrum analyzer offset or transducer is derived from RF cable loss and attenuator factor. The offset or transducer is equal to the RF cable loss plus attenuator factor.

13. Duty Cycle

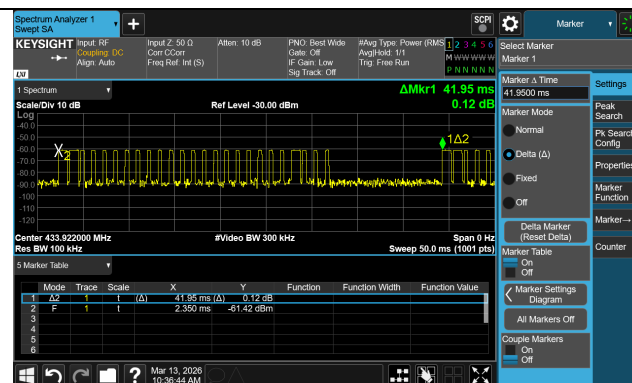
Frequency MHz	TP time (ms)	Ton time (Total) (ms)	Duty cycle (%)	AV Factor
433.922	41.95	10.55	25.15	-11.99

Test Photo

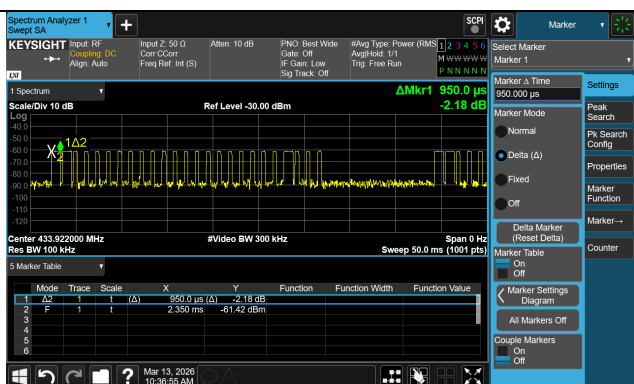
TP time



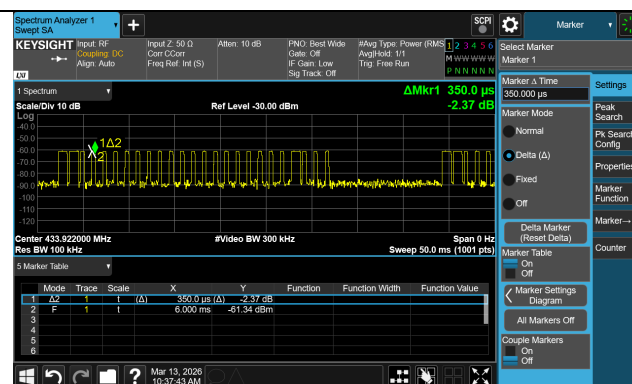
TP time



Ton 1 time



Ton 2 time



Note: Duty Cycle = (Total Ton time / TP time) x 100%

Total Ton time = Ton 1 x n1 + Ton 2 x n2 + ...+ Ton n x n = 0.95*3 + 0.35*22=10.55ms

AV Factor = 20log(Duty Cycle).

14. Test Items and Results

14.1 Conducted Emissions Measurement

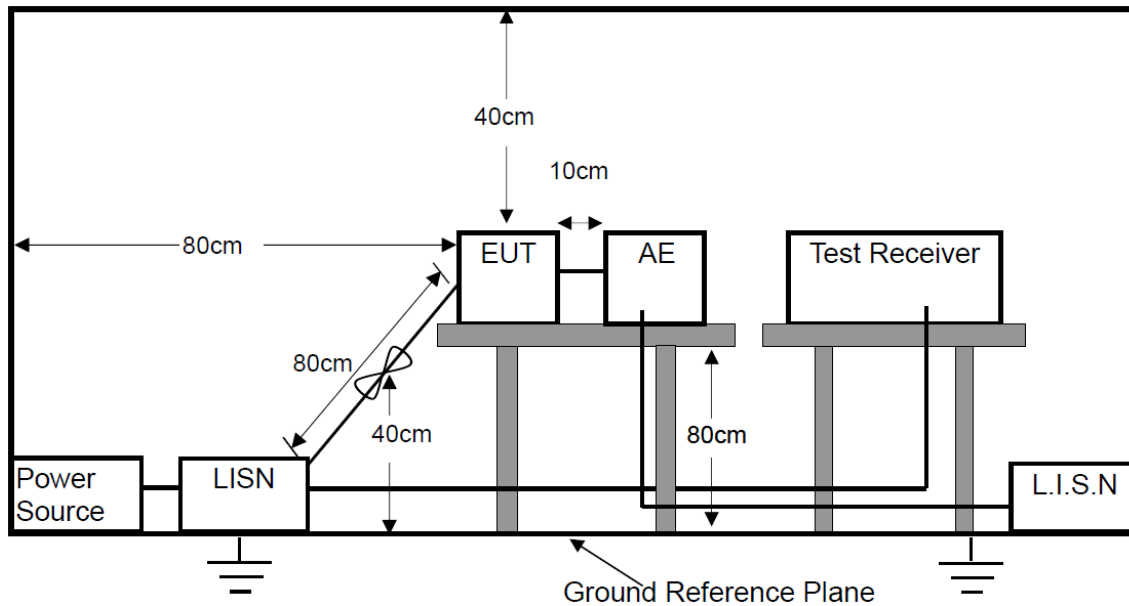
LIMIT

According to the requirements of FCC PART 15.207, the limits are as follows:

Frequency (MHz)	Quasi-peak	Average
0.15 to 0.5	66 to 56	56 to 46
0.5 to 5	56	46
5 to 30	60	50

- Note:
1. If the limits for the average detector are met when using the quasi-peak detector, then the limits for the measurements with the average detector are considered to be met.
 2. The lower limit shall apply at the transition frequencies.
 3. The limit decreases linearly with the logarithm of the frequency in the range 0.15 MHz to 0.5MHz.

BLOCK DIAGRAM OF TEST SETUP



TEST PROCEDURES

- a. The EUT was placed on a wooden table 0.8m height from the metal ground plan and 0.4m from the conducting wall of the shielding room and it was kept at 0.8m from any other grounded conducting surface.
- b. All I/O cables and support devices were positioned as per ANSI C63.10.
- c. Connect mains power port of the EUT to a line impedance stabilization network (LISN).
- d. Connect all support devices to the other LISN and AAN, if needed.
- e. Scan the frequency range from 150KHz to 30MHz at both sides of AC line for maximum conducted interference checking and record the test data.

TEST RESULTS

PASS

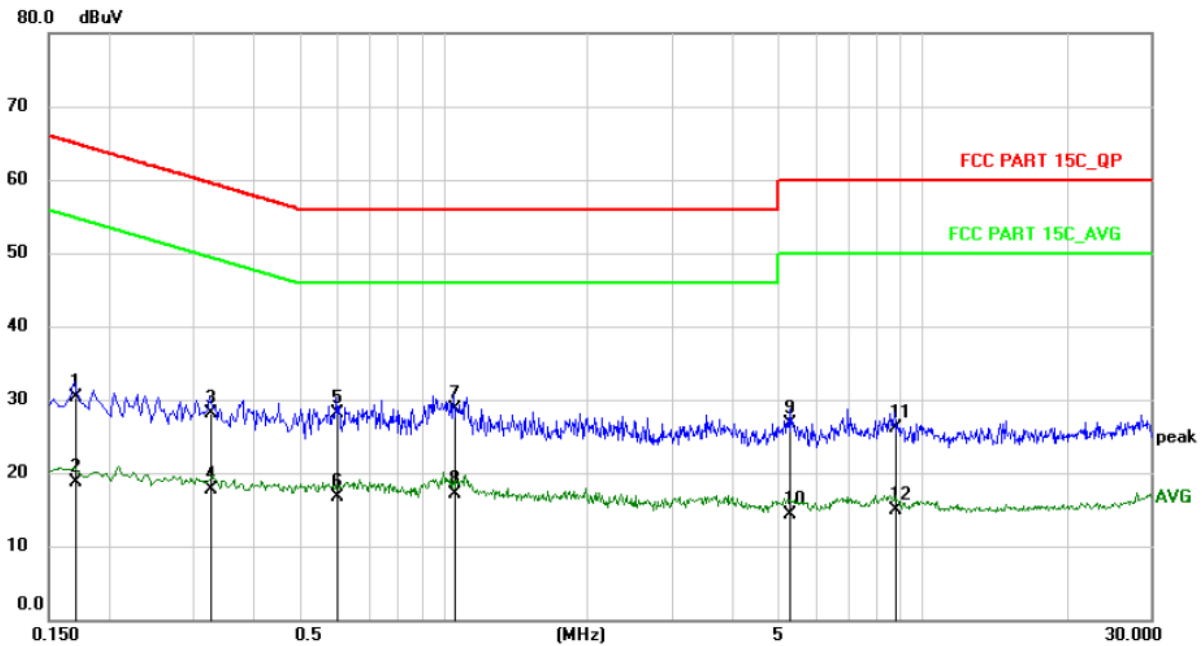
Please refer to the following pages.

M/N: MQ-01	Testing Voltage: AC 120V 60Hz
Phase: L1	Detector: QP & AVG
Test Mode: TX	Distance: 3m

Conducted Emission Measurement

Date: 2026/3/16

Time: 11:13:22



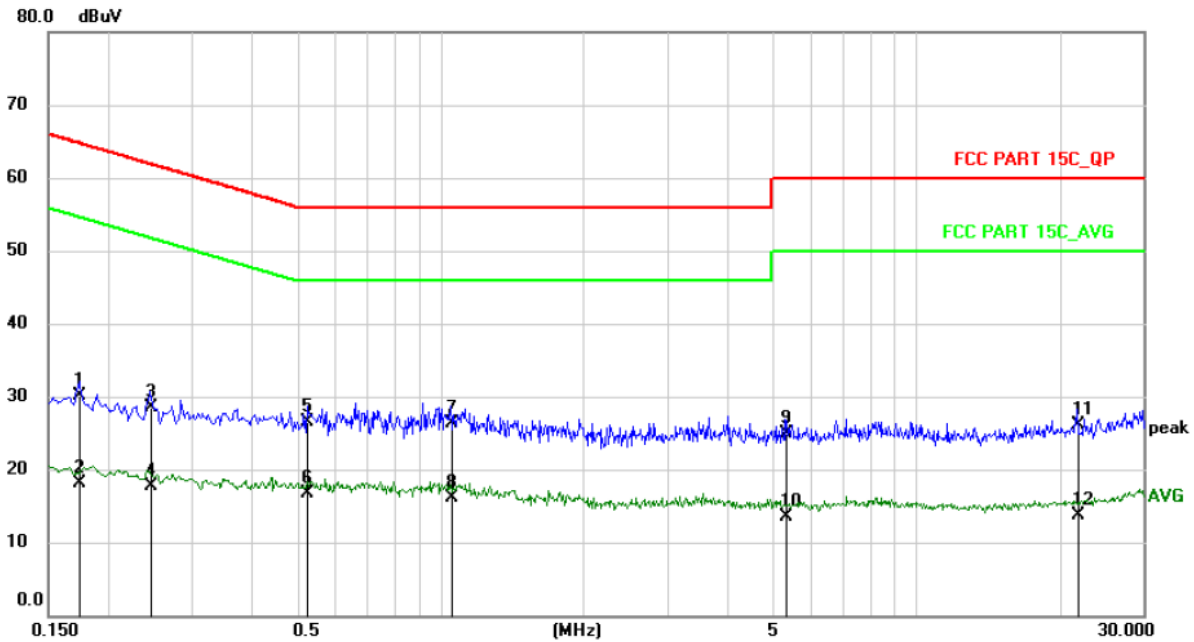
No. Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Detector	Comment
	MHz	dBuV	dB	dBuV	dBuV	dB		
1	0.1700	10.64	19.76	30.40	64.96	-34.56	QP	
2	0.1700	-1.06	19.76	18.70	54.96	-36.26	AVG	
3	0.3260	8.43	19.77	28.20	59.55	-31.35	QP	
4	0.3260	-2.07	19.77	17.70	49.55	-31.85	AVG	
5	0.5980	8.47	19.73	28.20	56.00	-27.80	QP	
6	0.5980	-3.03	19.73	16.70	46.00	-29.30	AVG	
7 *	1.0540	8.99	19.71	28.70	56.00	-27.30	QP	
8	1.0540	-2.51	19.71	17.20	46.00	-28.80	AVG	
9	5.2779	6.95	19.75	26.70	60.00	-33.30	QP	
10	5.2779	-5.35	19.75	14.40	50.00	-35.60	AVG	
11	8.7420	6.40	19.80	26.20	60.00	-33.80	QP	
12	8.7420	-4.90	19.80	14.90	50.00	-35.10	AVG	

M/N: MQ-01	Testing Voltage: AC 120V 60Hz
Phase: N	Detector: QP & AVG
Test Mode: TX	Distance: 3m

Conducted Emission Measurement

Date: 2026/3/16

Time: 11:07:58



No. Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Detector	Comment
	MHz	dBuV	dB	dBuV	dBuV	dB		
1	0.1740	10.38	19.72	30.10	64.77	-34.67	QP	
2	0.1740	-1.52	19.72	18.20	54.77	-36.57	AVG	
3	0.2460	8.88	19.72	28.60	61.89	-33.29	QP	
4	0.2460	-1.92	19.72	17.80	51.89	-34.09	AVG	
5	0.5260	6.90	19.70	26.60	56.00	-29.40	QP	
6 *	0.5260	-3.00	19.70	16.70	46.00	-29.30	AVG	
7	1.0500	6.73	19.67	26.40	56.00	-29.60	QP	
8	1.0500	-3.47	19.67	16.20	46.00	-29.80	AVG	
9	5.3059	5.19	19.71	24.90	60.00	-35.10	QP	
10	5.3059	-6.21	19.71	13.50	50.00	-36.50	AVG	
11	21.8180	6.21	19.99	26.20	60.00	-33.80	QP	
12	21.8180	-6.29	19.99	13.70	50.00	-36.30	AVG	

14.2 Radiated Spurious Emissions Measurement

LIMIT

Frequency range MHz	Distance Meters	Field Strengths Limit (15.209)
		$\mu\text{V/m}$
0.009 ~ 0.490	300	2400/F(kHz)
0.490 ~ 1.705	30	24000/F(kHz)
1.705 ~ 30	30	30
30 ~ 88	3	100
88 ~ 216	3	150
216 ~ 960	3	200
Above 960	3	500

- Remark: (1) Emission level (dB) μV = 20 log Emission level $\mu\text{V/m}$.
- (2) The smaller limit shall apply at the cross point between two frequency bands.
- (3) As shown in 15.35(b), for frequencies above 1000MHz, the field strength limits are based on average detector, however, the peak field strength of any emission shall not exceed the maximum permitted average limits, specified above by more than 20dB under any condition of modulation.
- (4) The frequency range scanned is from the lowest radio frequency signal generated in the device which is greater than 9 kHz to the tenth harmonic of the highest fundamental frequency or 40 GHz, whichever is lower.
- (5) §15.247(d) specifies that emissions which fall in the restricted bands, as defined in §15.205 comply with radiated emission limits specified in §15.209.

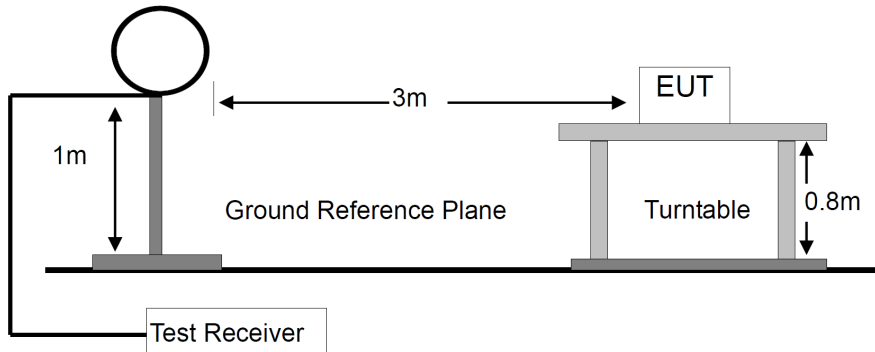
According to 15.231(b), the field strength of emissions from intentional radiators operated within these frequency bands shall comply with the following:

Fundamental frequency (MHz)	Field strength of fundamental (microvolts/ meter)	spurious emissions (microvolts/meter)
40.66 - 40.70	2250	225
70 - 130	1250	125
130 - 174	1250 to 3750*	125 to 375*
174 - 260	3750	375
260 - 470	3750 to 12500*	375 to 1250*
Above 470	12500	1250

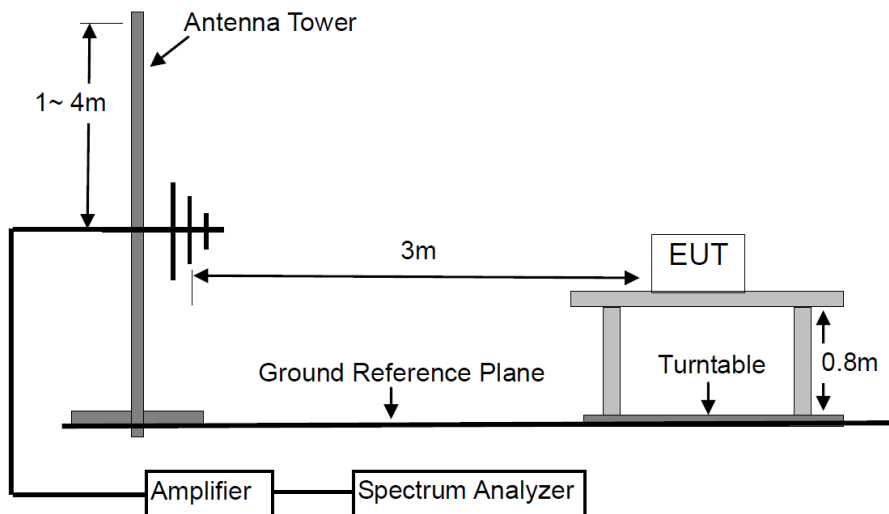
Remark: (1) * Linear interpolations
 (2) Emission level (dB) μ V = 20 log Emission level μ V/m.
 (3) The smaller limit shall apply at the cross point between two frequency bands.

BLOCK DIAGRAM OF TEST SETUP

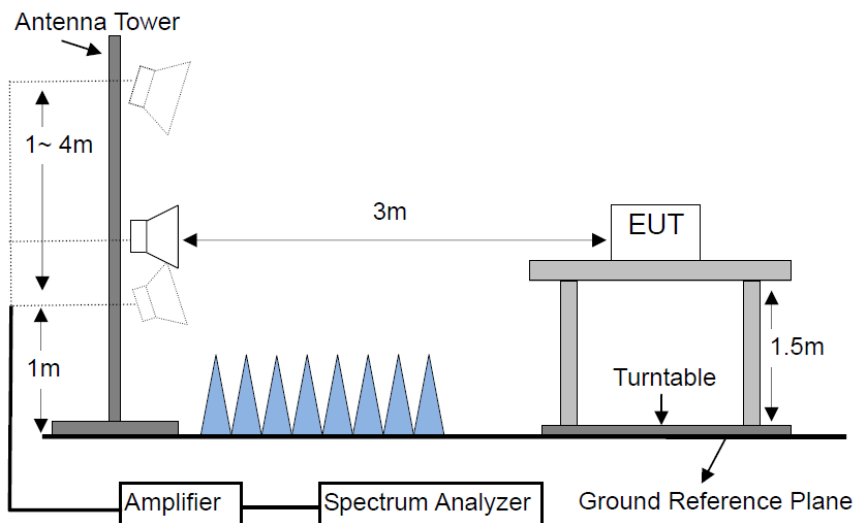
For Radiated Emission below 30MHz



For Radiated Emission 30-1000MHz



For Radiated Emission Above 1000MHz.



TEST PROCEDURES

- a. Below 1GHz, the EUT was placed on the top of a rotating table 0.8 meters above the ground at a 3 meter semi- anechoic chamber room.
- b. For the radiated emission test above 1GHz:

The EUT was placed on the top of a rotating table 1.5 meters above the ground at a 3 meter full anechoic chamber room. The table was rotated 360 degrees to determine the position of the highest radiation. Place the measurement antenna away from each area of the EUT determined to be a source of emissions at the specified measurement distance, while keeping the measurement antenna aimed at the source of emissions at each frequency of significant emissions, with polarization oriented for maximum response. The measurement antenna may have to be higher or lower than the EUT, depending on the radiation pattern of the emission and staying aimed at the emission source for receiving the maximum signal. The final measurement antenna elevation shall be that which maximizes the emissions. The measurement antenna elevation for maximum emissions shall be restricted to a range of heights of from 1 m to 4 m above the ground or reference ground plane.
- c. The EUT was set 3 meters away from the interference-receiving antenna, which was mounted on the top of a variable-height antenna tower.
- d. The height of antenna is varied from one meter to four meters above the ground to determine the maximum value of the field strength. Both horizontal and vertical polarizations of the antenna are set to make the measurement.
- e. For each suspected emission, the EUT was arranged to its worst case and then the antenna was tuned to heights from 1 meter to 4 meters and the rotatable table was turned from 0 degrees to 360 degrees to find the maximum reading. The test-receiver system was set to peak detect function and specified bandwidth with maximum hold mode.
- f. A Quasi-peak measurement was then made for that frequency point for below 1GHz test. PK and AV for above 1GHz emission test.
- g. Pre-Scan has been conducted to determine the worst-case mode from all possible combinations between available modulations, data rates, XYZ axis and packet type.

The worst case was found when the EUT was positioned on X axis for radiated emission.

During the radiated emission test, the spectrum analyzer was set with the following configurations:

Frequency Band (MHz)	Detector	Resolution Bandwidth	Video Bandwidth
0.009~0.15	QP & AVG	200 Hz	1 kHz
0.15~30	QP & AVG	10 kHz	30 kHz
30 to 1000	QP	120 kHz	300 kHz
Above 1000	Peak	1 MHz	3 MHz
	Average	1 MHz	10 Hz

TEST RESULTS

PASS

Please refer to the following pages of the worst case.

AVG = Peak + AV Factor,

where Peak is the measurement peak level, and AV Factor is calculated by duty cycle, details see section 13 of the report.

Sample calculation, Peak=36.97dBuV/m, AV Factor= -11.99dB, then AVG=36.97+(-11.99)=24.98dBuV/m.

M/N: MQ-01

Testing Voltage: DC 3.7V

Polarization: Horizontal

Detector: QP

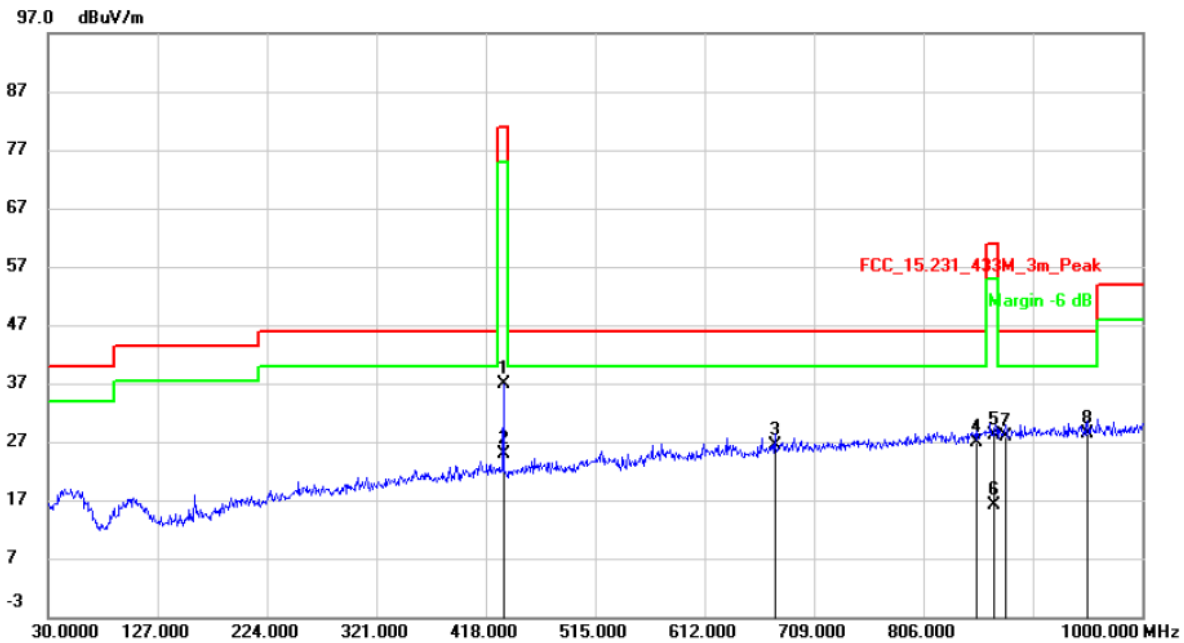
Test Mode: TX

Distance: 3m

Radiated Emission Measurement

Date: 2026/3/12

Time: 9:00:38



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over		
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector	Comment
1		433.9220	40.83	-3.86	36.97			peak	
2		433.9220			24.98	80.80	-55.82	AVG	
3		674.0800	25.59	0.79	26.38	46.00	-19.62	QP	
4		852.5600	23.20	3.60	26.80	46.00	-19.20	QP	
5		867.8440	24.34	3.75	28.09			peak	
6		867.8440			16.10	60.80	-44.70	AVG	
7		878.7500	23.94	3.86	27.80	46.00	-18.20	QP	
8	*	951.5000	24.29	4.21	28.50	46.00	-17.50	QP	

Note: Below 30MHz, the emissions are lower than 20dB below the allowable limit.

M/N: MQ-01

Testing Voltage: DC 3.7V

Polarization: Vertical

Detector: QP

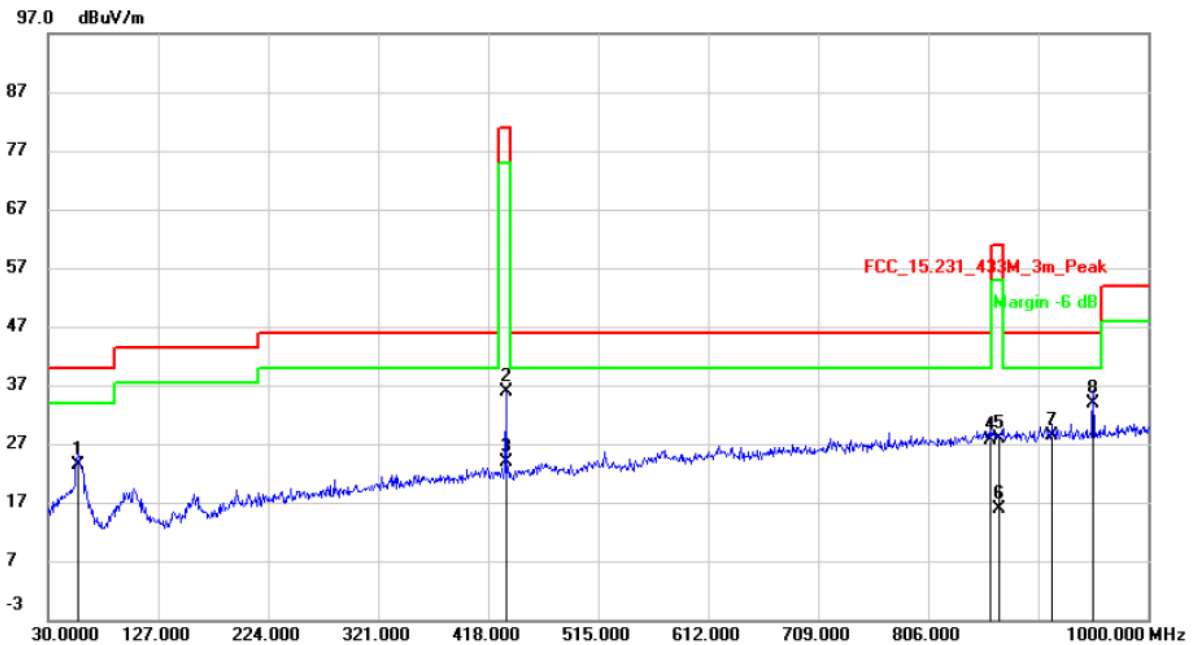
Test Mode: TX

Distance: 3m

Radiated Emission Measurement

Date: 2026/3/12

Time: 9:07:38



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over		
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector	Comment
1		56.1900	31.33	-7.93	23.40	40.00	-16.60	QP	
2		433.9220	39.65	-3.86	35.79			peak	
3		433.9220			23.80	80.80	-57.00	AVG	
4		860.3200	23.91	3.69	27.60	46.00	-18.40	QP	
5		867.8440	24.09	3.75	27.84			peak	
6		867.8440			15.85	60.80	-44.95	AVG	
7		914.6400	24.26	4.04	28.30	46.00	-17.70	QP	
8	*	951.5000	29.79	4.21	34.00	46.00	-12.00	QP	

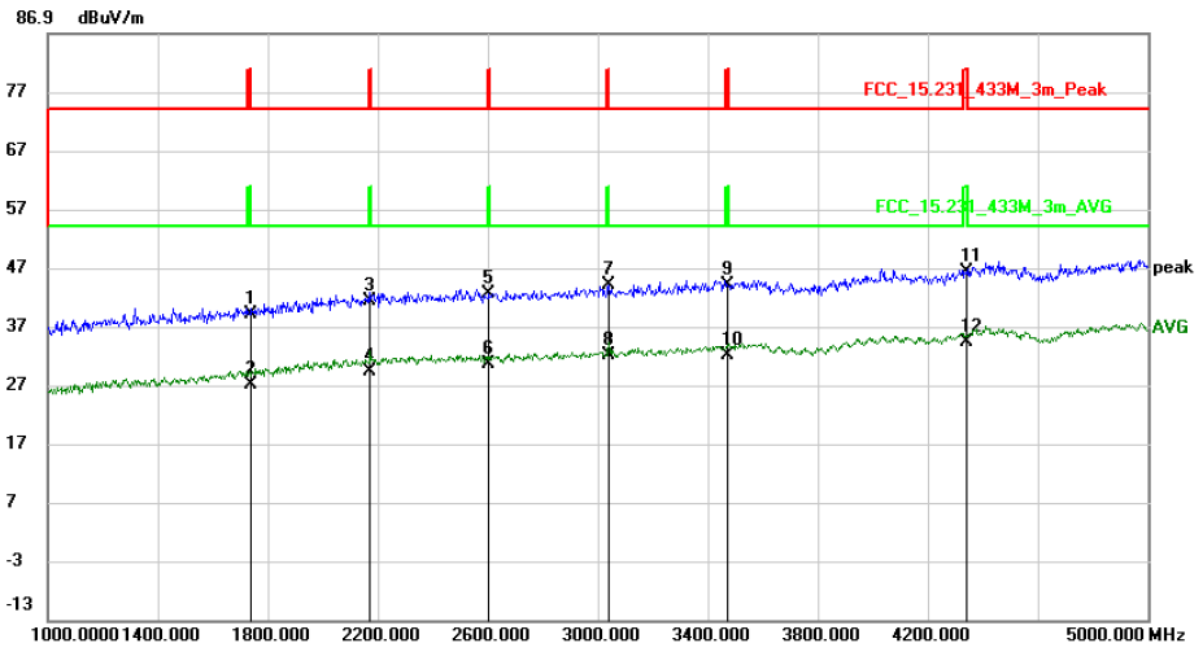
Note: Below 30MHz, the emissions are lower than 20dB below the allowable limit.

M/N: MQ-01	Testing Voltage: AC 120V 60Hz
Polarization: Horizontal	Detector: Peak & AVG
Test Mode: TX	Distance: 3m

Radiated Emission Measurement

Date: 2026/3/12

Time: 10:03:03



No. Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector	Comment
1	1735.688	44.75	-5.81	38.94	80.80	-41.86	peak	
2	1735.688			26.95	60.80	-33.85	AVG	
3	2169.610	44.75	-3.44	41.31	80.80	-39.49	peak	
4	2169.610			29.32	60.80	-31.48	AVG	
5	2603.532	45.14	-2.50	42.64	80.80	-38.16	peak	
6	2603.532			30.65	60.80	-30.15	AVG	
7	3037.454	45.88	-1.75	44.13	80.80	-36.67	peak	
8	3037.454			32.14	60.80	-28.66	AVG	
9	3471.376	44.52	-0.39	44.13	80.80	-36.67	peak	
10	3471.376			32.14	60.80	-28.66	AVG	
11	4339.220	43.55	2.62	46.17	80.80	-34.63	peak	
12 *	4339.220			34.18	60.80	-26.62	AVG	

M/N: MQ-01

Testing Voltage: AC 120V 60Hz

Polarization: Vertical

Detector: Peak & AVG

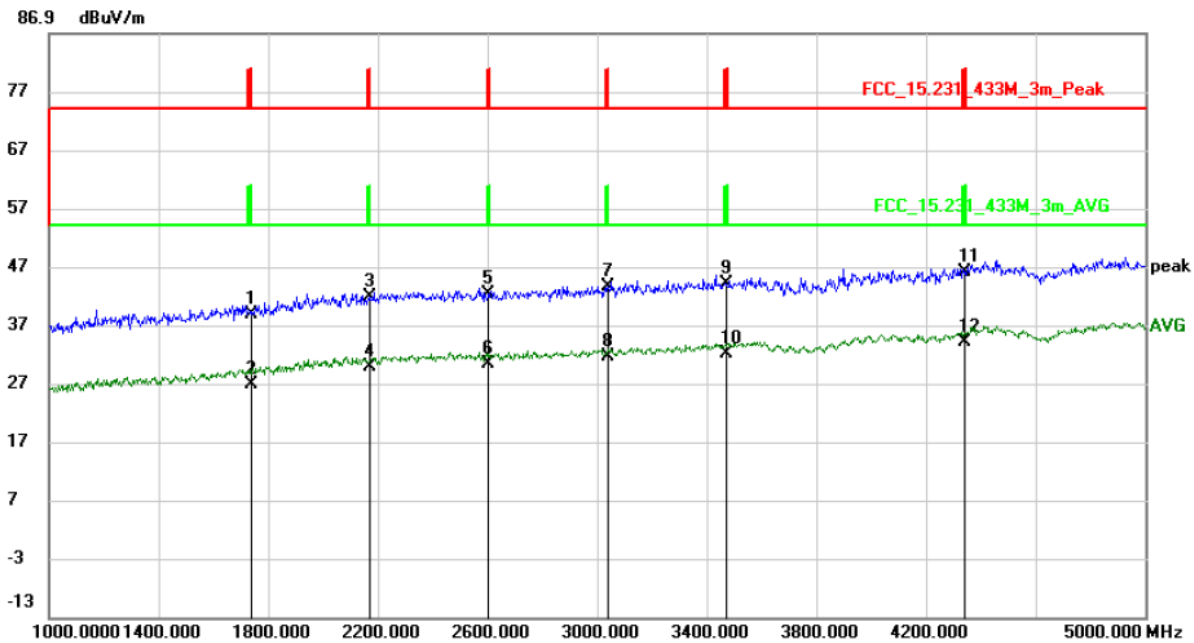
Test Mode: TX

Distance: 3m

Radiated Emission Measurement

Date: 2026/3/12

Time: 9:55:43



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over		
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector	Comment
1		1735.688	44.61	-5.81	38.80	80.80	-42.00	peak	
2		1735.688			26.81	60.80	-33.99	AVG	
3		2169.610	45.12	-3.44	41.68	80.80	-39.12	peak	
4		2169.610			29.69	60.80	-31.11	AVG	
5		2603.532	44.73	-2.50	42.23	80.80	-38.57	peak	
6		2603.532			30.24	60.80	-30.56	AVG	
7		3037.454	45.16	-1.75	43.41	80.80	-37.39	peak	
8		3037.454			31.42	60.80	-29.38	AVG	
9		3471.376	44.31	-0.39	43.92	80.80	-36.88	peak	
10		3471.376			31.93	60.80	-28.87	AVG	
11		4339.220	43.46	2.62	46.08	80.80	-34.72	peak	
12	*	4339.220			34.09	60.80	-26.71	AVG	

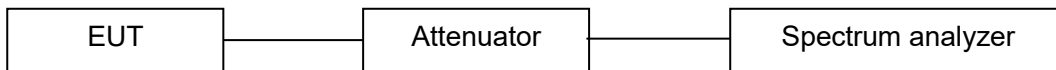
14.3 20dB Occupied Bandwidth

LIMIT

According to 15.231(C), the bandwidth of the emission shall be no wider than 0.25% of the center frequency for devices operating above 70MHz and below 900MHz.

Limit = $433.922\text{MHz} \times 0.25\% = 1084.805\text{ KHz}$

BLOCK DIAGRAM OF TEST SETUP



TEST PROCEDURES

1. The output port (antenna) from the transmitter was connected to an attenuator and then to the input of the RF Spectrum analyzer.
2. Spectrum analyzer set the corresponding parameters for measurement and record the tested data.

TEST RESULTS

PASS

Please refer to the following table.

Frequency (MHz)	20 dB Bandwidth (KHz)	Limit (KHz)	Result
433.922	319.08	1084.805	PASS

Test Photo



14.4 Transmission time

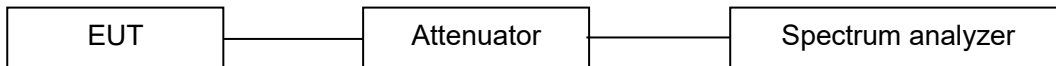
LIMIT

15.231 (a) (1) A manually operated transmitter shall employ a switch that will automatically deactivate the transmitter within not more than 5 seconds of being released.

15.231(a) (2) A transmitter activated automatically shall cease transmission within 5seconds after activation.

15.231(e), under the provisions of this paragraph shall be provided with a means for automatically limiting operation so that the duration of each transmission shall not be greater than one second and the silent period between transmissions shall be at least 30 times the duration of transmission but in no case less than 10 seconds.

BLOCK DIAGRAM OF TEST SETUP



TEST PROCEDURES

1. The output port (antenna) from the transmitter was connected to an attenuator and then to the input of the RF Spectrum analyzer.
2. Spectrum analyzer set the corresponding parameters for measurement and record the tested data.

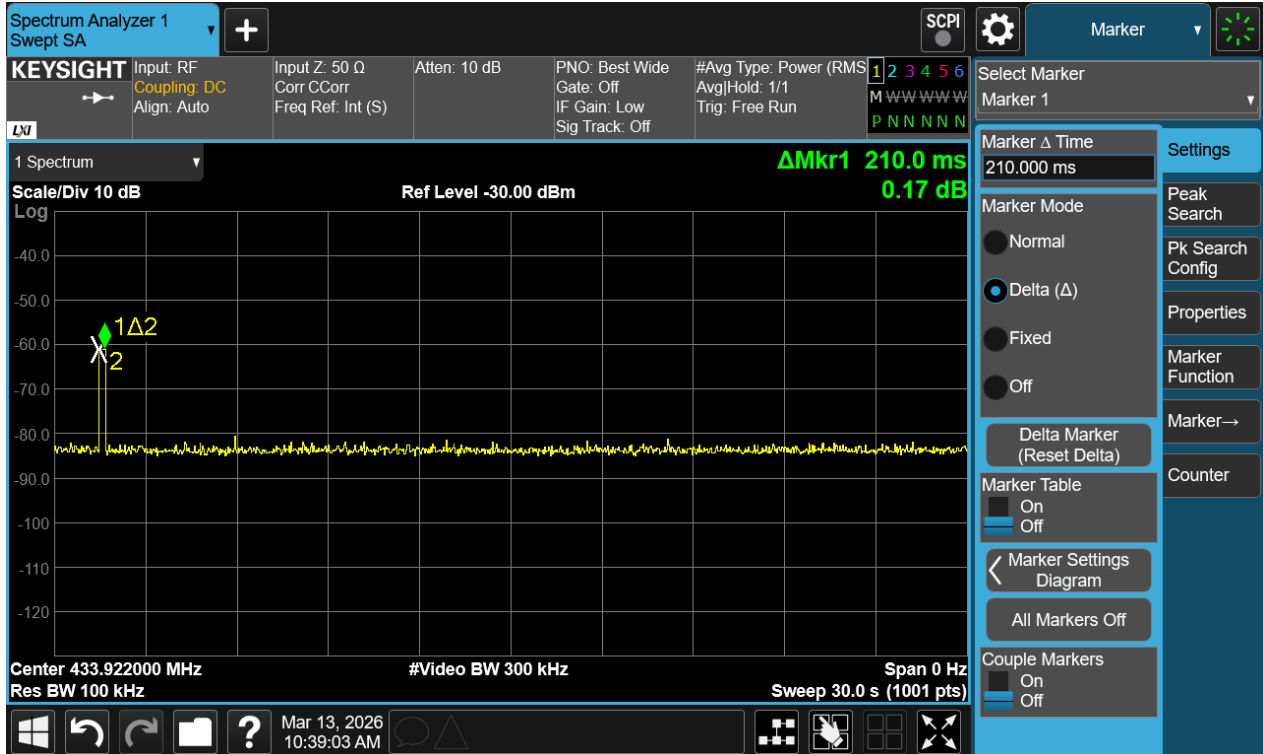
TEST RESULTS

PASS

Please refer to the following table.

Frequency (MHz)	Transmission time (sec)	Limit (sec)	Result
433.922	0.21	<5	PASS

Test Photo



14.5 Antenna Requirement

STANDARD APPLICABLE

According to of FCC part 15C 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. 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 jack or electrical connector is prohibited.

ANTENNA CONNECTED CONSTRUCTION

The antenna is PCB antenna that no antenna other than furnished by the responsible party shall be used with the device, and the best case gain of the antenna is 2dBi, Therefore, the antenna is consider meet the requirement.

15. Test Equipment List

Item	Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Cal. Interval
1.	Test Receiver	Rohde & Schwarz	ESCI	101152	Aug. 21, 2025	1 Year
2.	L.I.S.N	Rohde & Schwarz	ENV 216	101317	Aug. 21, 2025	1 Year
3.	L.I.S.N	Schwarzbeck	NNLK8129	00558	Aug. 23, 2025	1 Year
4.	RF Switching Unit	Compliance Direction Systems Inc.	RSU-M2	38311	Aug. 21, 2025	1 Year
5.	Test Receiver	Rohde & Schwarz	ESCI7	100837	Aug. 21, 2025	1 Year
6.	Spectrum Analyzer	Keysight	N9020A	MY50510314	Aug. 21, 2025	1 Year
7.	Spectrum Analyzer	Keysight	N9020A	MY54200831	Aug. 22, 2025	1 Year
8.	Spectrum Analyzer	Keysight	N9010B	MY62170254	Aug. 21, 2025	1 Year
9.	Antenna	Schwarzbeck	VULB9163	01552	Aug. 16, 2025	2 Year
10.	Loop Antenna	Schwarzbeck	FMZB 1513	1513-272	Aug. 16, 2025	2 Year
11.	Horn Antenna	COM-Power	AH-118	071078	Aug. 16, 2025	2 Year
12.	Pre-Amplifier	HP	HP 8447D	1145A00203	Aug. 21, 2025	1 Year
13.	Pre-Amplifier	HP	HP 8449B	3008A00964	Aug. 23, 2025	1 Year
14.	Communication Tester	Rohde & Schwarz	CMW500	109851	Aug. 28, 2025	1 Year
15.	Power Sensor	DARE	RPR3006W	15I00041SNO 64	Aug. 28, 2025	1 Year
16.	Horn Antenna	COM-Power	AH-840	10100020	Aug. 28, 2025	2 Year
17.	Temperature & Humidity Chamber	Wanshun	SS-HWHS-80	N/A	Aug. 09, 2025	1 Year
18.	DC Source	ZHAOXIN	KXN305D	N/A	Aug. 23, 2025	1 Year
19.	Temporary antenna connector	TESCOM	SS402	N/A	N/A	N/A
20.	Chamber	YIHENG	9*6*6m	N/A	Sep. 22, 2025	2 Year
21.	Test Software	MWRF	MTS 8310, V2.0.0.0	N/A	N/A	N/A
22.	Test Software	EZ	EZ EMC, NTC-3A1.1	N/A	N/A	N/A

Note: For photographs of EUT and measurement, please refer to appendix in separate documents.

---End---