

FCC Test Report

Test Report

On Behalf of

ITOBBY CO., LIMITED

For

remote control toy

Model No.: OX44RED, OX41, OX42, OX43, OX40, OX39, OX38, OX37, OX36, OX35, OX34, OX33, OX32, OX30, OX29, OX28, OX27, OX26, OX25, OX24, OX23, OX22, OX21, OX20, OX19, OX44PIN, OX44BLU, OX45RED, OX45GRE, OX46RED, OX46YEL, OX47BLU, OX48, OX49

FCC ID: 2BSAB-OX44RED

Prepared For: **ITOBBY CO., LIMITED**
FLAT/RM 1205 12/F TAI SANG BANK BLDG130-132 DES VOEUX ROAD
CENTRAL Hong Kong

Prepared By: **Shenzhen HUAK Testing Technology Co., Ltd.**
1-2/F., Building B2, Junfeng Zhongcheng Zhizao Innovation Park, Heping,
Fuhai Street, Bao'an District, Shenzhen, Guangdong, China

Date of Test: **Sept. 02, 2025 ~ Sept. 10, 2025**

Date of Report: **Sept. 10, 2025**

Report Number: **HK2509025007-E**



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Test Result Certification

Applicant's Name : ITOBBY CO., LIMITED
Address : FLAT/RM 1205 12/F TAI SANG BANK BLDG130-132 DES VOEUX ROAD CENTRAL Hong Kong

Manufacturer's Name : Shantou Chenghai Xindahua Toys Co.,Ltd

Address : Chenghai District, Shantou city, Guangdong Province, China

Product Description

Trade Mark : Carox

Product Name : remote control toy

OX44RED, OX41, OX42, OX43, OX40, OX39, OX38, OX37, OX36, OX35, OX34, OX33, OX32, OX30, OX29, OX28, OX27, OX26, OX25, OX24, OX23, OX22, OX21, OX20, OX19, OX44PIN, OX44BLU, OX45RED, OX45GRE, OX46RED, OX46YEL, OX47BLU, OX48, OX49

FCC Rules and Regulations Part 15 Subpart C Section 15.249

Standards : ANSI C63.10: 2020

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Date of Test :

Date (s) of Performance of Tests : Sept. 02, 2025 ~ Sept. 10, 2025

Date of Issue : Sept. 10, 2025

Test Result : Pass

Testing Engineer

len liao

(Len Liao)

Technical Manager

Sliver Wan

(Sliver Wan)

Authorized Signatory

Jason Zhou

(Jason Zhou)

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**** Modified History ****

Revision	Description	Issued Date	Remark
Revision 1.0	Initial Test Report Release	Sept. 10, 2025	Jason Zhou



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1. Test Summary

1.1 Test Procedures and Results

DESCRIPTION OF TEST	SECTION NUMBER	RESULT
AC CONDUCTED EMISSIONS TEST	15.207	N/A
RADIATED EMISSION TEST	15.249(a)/15.209	PASS
BAND EDGE	15.249(d)/15.205	PASS
OCCUPIED BANDWIDTH MEASUREMENT	15.215(c)	PASS
ANTENNA REQUIREMENT	15.203	PASS

Note:

1. PASS: Test item meets the requirement.
2. Fail: Test item does not meet the requirement.
3. N/A: Test case does not apply to the test object.
4. The test result judgment is decided by the limit of test standard.

1.2 Information of the Test Laboratory

Shenzhen HUAK Testing Technology Co., Ltd.

Address: 1-2/F., Building B2, Junfeng Zhongcheng Zhizao Innovation Park, Heping, Fuhai Street, Bao'an District, Shenzhen, Guangdong, China

1.3 Measurement Uncertainty

Measurement Uncertainty

Conducted Emission Expanded Uncertainty = 2.71dB, k=2

Radiated emission expanded uncertainty(9kHz-30MHz) = 3.90dB, k=2

Radiated emission expanded uncertainty(30MHz-1000MHz) = 3.90dB, k=2

Radiated emission expanded uncertainty(Above 1GHz) = 4.28dB, k=2

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2. General Information

2.1 General Description of EUT

Equipment:	remote control toy
Model Name:	OX44RED
Series Model(s):	OX41, OX42, OX43, OX40, OX39, OX38, OX37, OX36, OX35, OX34, OX33, OX32, OX30, OX29, OX28, OX27, OX26, OX25, OX24, OX23, OX22, OX21, OX20, OX19, OX44PIN, OX44BLU, OX45RED, OX45GRE, OX46RED, OX46YEL, OX47BLU, OX48, OX49
Model Difference:	All model's the function, software and electric circuit are the same, only with a product model named different. Test sample model: OX44RED.
FCC ID:	2BSAB-OX44RED
Antenna Type:	PCB antenna
Antenna Gain:	0dBi
Operation Frequency:	2407-2470MHz
Number of Channels:	56CH
Modulation Type:	GFSK
Power Source:	DC3V From Battery
Power Rating:	DC3V From Battery
Note:	<ol style="list-style-type: none">1. For a more detailed features description, please refer to the manufacturer's specifications or the User's Manual.2. Antenna gain Refer to the antenna specifications.3. The cable loss data is obtained from the supplier.4. The test results in the report only apply to the tested sample.

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2.2 Carrier Frequency of Channels

Channel	Frequency (MHz)						
1	2407	16	2423	31	2445	46	2460
2	2408	17	2425	32	2446	47	2461
3	2409	18	2426	33	2447	48	2462
4	2410	19	2428	34	2448	49	2463
5	2411	20	2430	35	2449	50	2464
6	2412	21	2431	36	2450	51	2465
7	2413	22	2433	37	2451	52	2466
8	2414	23	2434	38	2452	53	2467
9	2415	24	2435	39	2453	54	2468
10	2416	25	2436	40	2454	55	2469
11	2417	26	2438	41	2455	56	2470
12	2418	27	2440	42	2456		
13	2419	28	2442	43	2457		
14	2420	29	2443	44	2458		
15	2422	30	2444	45	2459		

2.3 Operation of EUT during Testing

Operating Mode

The mode is used: **Transmitting mode**

Low Channel: 2407MHz

Middle Channel: 2442MHz

High Channel: 2470MHz

2.5 Description of Support Units

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.

Note:

1. All the equipment/cables were placed in the worst-case configuration to maximize the emission during the test
2. Grounding was established in accordance with the manufacturer's requirements and conditions for the intended use.
3. For conducted measurements (Output Power, 6dB Emission Bandwidth, Power Spectral Density, Spurious Emissions), the antenna of EUT is connected to the test equipment via temporary antenna connector, the antenna connector is soldered on the antenna port of EUT, and the temporary antenna connector is listed in the Test Instruments.

**2.5 Measurement Instruments List**

Item	Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Cal. Interval
1.	L.I.S.N.	R&S	ENV216	HKE-002	2025/02/19	1 Year
2	L.I.S.N.	R&S	ENV216	HKE-059	2025/02/19	1 Year
3	EMI Test Receiver	R&S	ESR	HKE-005	2025/02/19	1 Year
4	Spectrum analyzer	Agilent	N9020A	HKE-025	2025/02/19	1 Year
5	Spectrum analyzer	Agilent	N9020A	HKE-117	2025/02/19	1 Year
6	Spectrum analyzer	R&S	FSV3044	HKE-126	2025/02/19	1 Year
7	Preamplifier	EMCI	EMC05184 5S	HKE-006	2025/02/19	1 Year
8	Preamplifier	Schwarzbeck	BBV 9743	HKE-016	2025/02/19	1 Year
9	Preamplifier	A.H. Systems	SAS-574	HKE-182	2025/02/19	1 Year
10	6dB Attenuator	Pasternack	6db	HKE-184	2025/02/19	1 Year
11	EMI Test Receiver	Rohde & Schwarz	ESR-7	HKE-010	2025/02/19	1 Year
12	Broadband Antenna	Schwarzbeck	VULB9168	HKE-167	2024/02/21	2 Year
13	Loop Antenna	COM-POWER	AL-130R	HKE-014	2024/02/21	2 Year
14	Horn Antenna	Schwarzbeck	9120D	HKE-013	2024/02/21	2 Year
15	EMI Test Software	Tonscend	JS32-CE 2.5.0.6	HKE-081	/	/
16	EMI Test Software	Tonscend	JS32-RE 5.0.0	HKE-082	/	/
17	RF Automatic control unit	Tonscend	JS0806-2	HKE-060	2025/02/19	1 Year
18	High pass filter unit	Tonscend	JS0806-F	HKE-055	2025/02/19	1 Year
19	Wireless Communication Test Set	R&S	CMU200	HKE-026	2025/02/19	1 Year
20	Wireless Communication Test Set	R&S	CMW500	HKE-027	2025/02/19	1 Year
21	High-low temperature chamber	Guangke	HT-80L	HKE-118	2025/06/09	1 Year
22	Temperature and humidity meter	Boyang	HTC-1	HKE-075	2025/06/09	1 Year
23	RF Test Software	Tonscend	JS1120-3 Version 3.5.39	HKE-083	/	/
24	10dB Attenuator	Schwarzbeck	VTSD9561F	HKE-153	2025/02/19	1 Year
25	RSE Test Software	Tonscend	JS36-RSE 5.0.0	HKE-184	/	/

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3. AC Conducted Emissions Test

3.1 AC Conducted Power Line Emission Limit

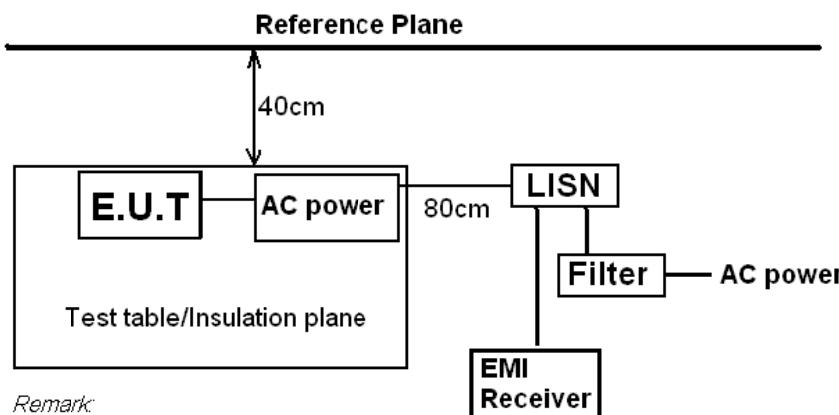
For unintentional device, according to § 15.107(a) Line Conducted Emission Limits is as following.

Frequency (MHz)	Maximum RF Line Voltage (dB μ 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



Remark:

E.U.T: Equipment Under Test

LISN: Line Impedance Stabilization Network

Test table height=0.8m

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. The EUT is a tabletop system, 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.

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3.4 Test Result

Not applicable.

Note: EUT power supply by Battery Powered, so this test item not applicable.

4. Radiated Emission Test

4.1 Radiation Limit

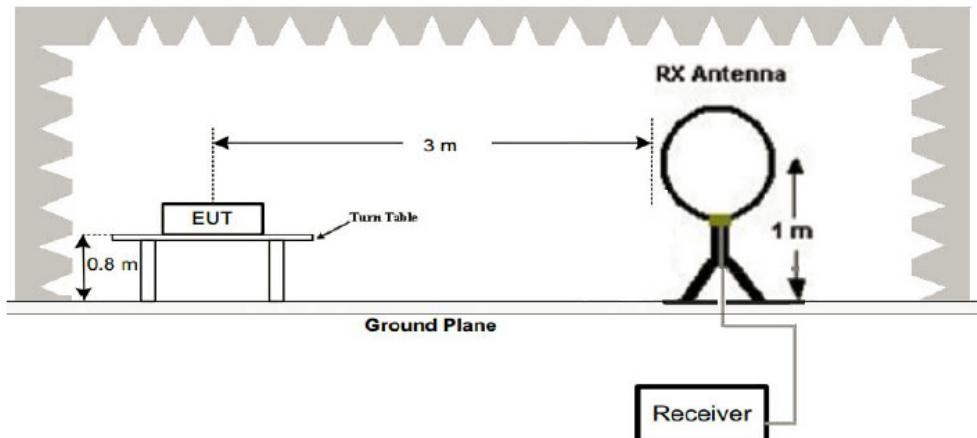
For unintentional device, according to § 15.109(a), except for Class A digital devices, the field strength of radiated emissions from unintentional radiators at a distance of 3 meters shall not exceed the following values:

Frequency (MHz)	Distance (Meters)	Radiated (dB μ V/m)	Radiated (μ V/m)
0.009-0.490	300	20log 2400/F (kHz)	2400/F (kHz)
0.490-1.705	30	20log 24000/F (kHz)	24000/F (kHz)
1.705-30	30	20log 30	30
30-88	3	40	100
88-216	3	43.5	150
216-960	3	46	200
Above 960	3	54	500

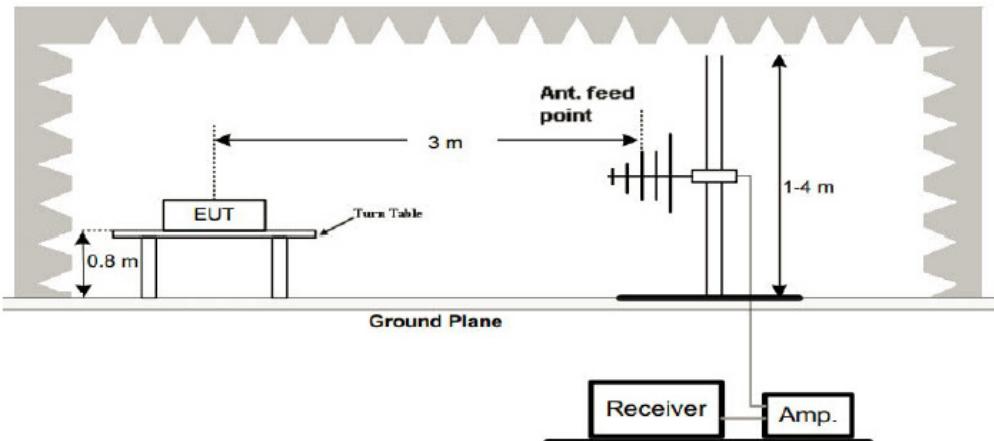
For intentional device, according to § 15.209(a), the general requirement of field strength of radiated emissions from intentional radiators at a distance of 3 meters shall not exceed the above table.

4.2 Test Setup

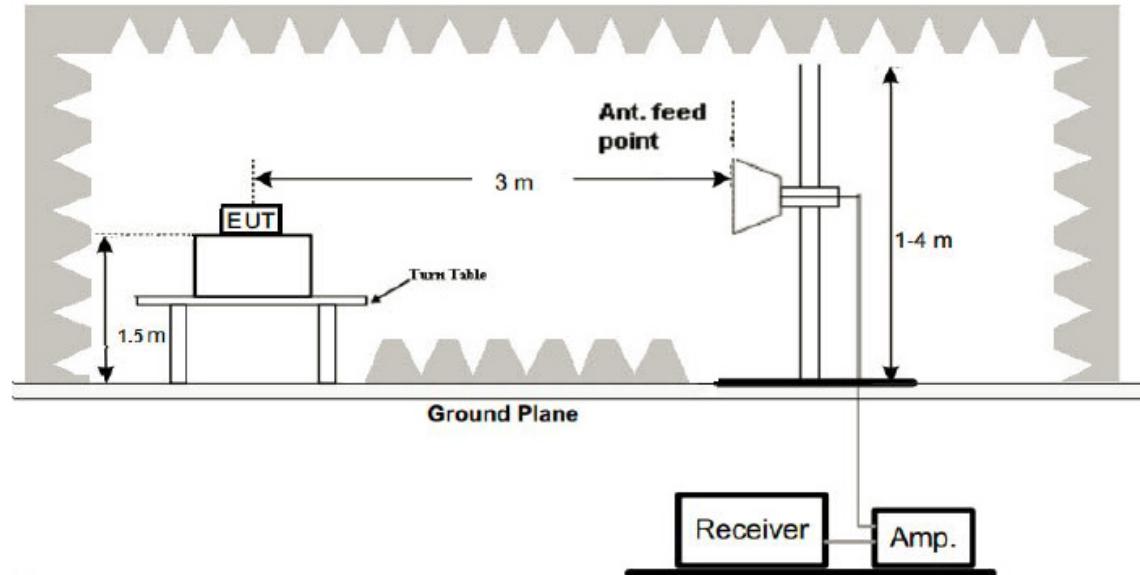
(1) Radiated Emission Test-Up Frequency Below 30MHz



(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.
7. The test frequency range from 9KHz to 25GHz per FCC PART 15.33(a).

Note:

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

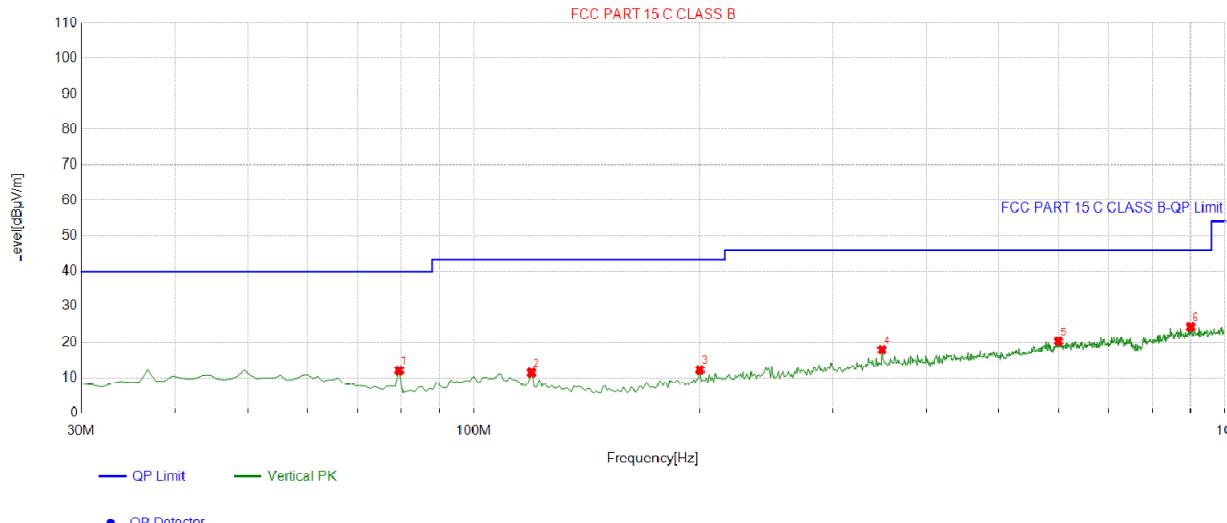
4.4 Test Result

PASS

All the test modes completed for test. The worst case of Radiated Emission is CH 01; the test data of this mode was reported.



Antenna polarity: V



Suspected List									
NO.	Freq. [MHz]	Factor [dB]	Reading [dBµV/m]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	79.5195	-18.01	30.05	12.04	40.00	27.96	100	333	Vertical
2	119.3293	-15.94	27.38	11.44	43.50	32.06	100	243	Vertical
3	199.9199	-15.09	27.31	12.22	43.50	31.28	100	135	Vertical
4	349.4494	-10.04	27.91	17.87	46.00	28.13	100	2	Vertical
5	599.9600	-5.33	25.63	20.30	46.00	25.70	100	304	Vertical
6	899.9900	-1.01	25.35	24.34	46.00	21.66	100	336	Vertical

Remark: Factor = Cable loss + Antenna factor + Attenuator – Preamplifier; Level = Reading + Factor; Margin = Limit – Level;

Harmonics and Spurious Emissions

Frequency Range (9 kHz-30MHz)

Frequency (MHz)	Level@3m (dBµV/m)	Limit@3m (dBµV/m)
--	--	--
--	--	--
--	--	--
--	--	--

Note: 1. Emission Level=Reading+ Cable loss+ Antenna factor-Amp factor.

2. The emission levels are 20 dB below the limit value, which are not reported. It is deemed to comply with the requirement.

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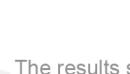
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Above 1 GHz Test Results

CH Low (2407MHz)

Horizontal:

Frequency (MHz)	Meter Reading (dB μ V)	Factor (dB)	Emission Level (dB μ V/m)	Limits (dB μ V/m)	Margin (dB)	Detector Type
2407	102.23	-5.84	96.39	114	17.61	peak
2407	87.65	-5.84	81.81	94	12.19	AVG
4814	54.16	-3.64	50.52	74	23.48	peak
4814	45.26	-3.64	41.62	54	12.38	AVG
7221	50.17	-0.95	49.22	74	24.78	peak
7221	40.36	-0.95	39.41	54	14.59	AVG

Remark: Factor = Cable loss + Antenna factor + Attenuator - Preamplifier; Level = Reading + Factor;
Margin = Limit - Level.

Vertical:

Frequency (MHz)	Meter Reading (dB μ V)	Factor (dB)	Emission Level (dB μ V/m)	Limits (dB μ V/m)	Margin (dB)	Detector Type
2407	105.02	-5.84	99.18	114	14.82	peak
2407	87.16	-5.84	81.32	94	12.68	AVG
4814	54.32	-3.64	50.68	74	23.32	peak
4814	43.43	-3.64	39.79	54	14.21	AVG
7221	54.54	-0.95	53.59	74	20.41	peak
7221	40.79	-0.95	39.84	54	14.16	AVG

Remark: Factor = Cable loss + Antenna factor + Attenuator - Preamplifier; Level = Reading + Factor;
Margin = Limit - Level.



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CH Middle (2442MHz)

Horizontal:

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Detector Type
(MHz)	(dB μ V)	(dB)	(dB μ V/m)	(dB μ V/m)	(dB)	
2442	101.99	-5.71	96.28	114	17.72	peak
2442	80.47	-5.71	74.76	94	19.24	AVG
4884	54.62	-3.51	51.11	74	22.89	peak
4884	45.12	-3.51	41.61	54	12.39	AVG
7326	53.98	-0.82	53.16	74	20.84	peak
7326	43.18	-0.82	42.36	54	11.64	AVG

Remark: Factor = Cable loss + Antenna factor + Attenuator - Preamplifier; Level = Reading + Factor;
Margin = Limit - Level.

Vertical:

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Detector Type
(MHz)	(dB μ V)	(dB)	(dB μ V/m)	(dB μ V/m)	(dB)	
2442	102.33	-5.71	96.62	114	17.38	peak
2442	80.8	-5.71	75.09	94	18.91	AVG
4884	54.29	-3.51	50.78	74	23.22	peak
4884	45.62	-3.51	42.11	54	11.89	AVG
7326	56.32	-0.82	55.5	74	18.5	peak
7326	45.17	-0.82	44.35	54	9.65	AVG

Remark: Factor = Cable loss + Antenna factor + Attenuator - Preamplifier; Level = Reading + Factor;
Margin = Limit - Level.



CH High (2470MHz)

Horizontal:

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Detector Type
(MHz)	(dB μ V)	(dB)	(dB μ V/m)	(dB μ V/m)	(dB)	
2470	104.26	-5.65	98.61	114	15.39	peak
2470	84.16	-5.65	78.51	94	15.49	AVG
4940	54.88	-3.43	51.45	74	22.55	peak
4940	44.26	-3.43	40.83	54	13.17	AVG
7410	53.14	-0.75	52.39	74	21.61	peak
7410	38.14	-0.75	37.39	54	16.61	AVG

Remark: Factor = Cable loss + Antenna factor + Attenuator - Preamplifier; Level = Reading + Factor; Margin = Limit - Level.

Vertical:

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Detector Type
(MHz)	(dB μ V)	(dB)	(dB μ V/m)	(dB μ V/m)	(dB)	
2470	102.32	-5.65	96.67	114	17.33	peak
2470	82.12	-5.65	76.47	94	17.53	AVG
4940	56.47	-3.43	53.04	74	20.96	peak
4940	45.28	-3.43	41.85	54	12.15	AVG
7410	57.77	-0.75	57.02	74	16.98	peak
7410	37.49	-0.75	36.74	54	17.26	AVG

Remark: Factor = Cable loss + Antenna factor + Attenuator - Preamplifier; Level = Reading + Factor; Margin = Limit - Level.

Remark :

Remark :

- (1) Measuring frequencies from 1 GHz to the 25 GHz.
- (2) "F" denotes fundamental frequency; "H" denotes spurious frequency; "E" denotes band edge frequency.
- (3) * denotes emission frequency which appearing within the Restricted Bands specified in provision of 15.205, then the general radiated emission limits in 15.209 apply.
- (4) The emissions are attenuated more than 20dB below the permissible limits are not record in the report.
- (5) The IF bandwidth of EMI Test Receiver between 30MHz to 1GHz was 120KHz, 1 MHz for measuring above 1 GHz, below 30MHz was 10KHz. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 3MHz for peak measurement with peak detector at frequency above 1GHz. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 10Hz for Average measurement with peak detection at frequency above 1GHz.
- (6) When the test results of Peak Detected below the limits of Average Detected, the Average Detected is not need completed. For example: Top Channel at Fundamental 73.16dB_{UV}/m(PK Value) <93.98(AV Limit), at harmonic 53.20 dB_{UV}/m(PK Value) <54 dB_{UV}/m(AV Limit), the Average Detected not need to completed.
- (7) All modes of operation were investigated and the worst-case emissions are reported.

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5. Band Edge

5.1 Limits

FCC PART 15.249(d) Emissions radiated outside of the specified frequency bands, except for harmonics, shall be attenuated by at least 50 dB below the level of the fundamental or to the general radiated emission limits in §15.209, whichever is the lesser attenuation.

5.2 Test Procedure

The band edge compliance of RF radiated emission should be measured by following the guidance in ANSI C63.10 with respect to maximizing the emission by rotating the EUT, measuring the emission while the EUT is situated in three orthogonal planes (if appropriate), adjusting the measurement antenna height and polarization etc. Set RBW to 1MHz and VBM to 3MHz to measure the peak field strength and set RBW to 1MHz and VBW to 10Hz to measure the average radiated field strength. The conducted RF band edge was measured by using a spectrum analyzer. Set span wide enough to capture the highest in-band emission and the emission at the band edge. Set RBW to 1MHz and VBW to 3MHz, to measure the conducted peak band edge.

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5.3 Test Result

PASS

Radiated Band Edge Test:

Operation Mode: TX CH Low (2407MHz)

Horizontal (Worst case):

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Detector Type
(MHz)	(dB μ V)	(dB)	(dB μ V/m)	(dB μ V/m)	(dB)	
2310	56.32	-5.81	50.51	74	23.49	peak
2310	/	-5.81	/	54	/	AVG
2390	55.17	-5.84	49.33	74	24.67	peak
2390	/	-5.84	/	54	/	AVG
2400	54.21	-5.84	48.37	74	25.63	peak
2400	/	-5.84	/	54	/	AVG

Remark: Factor = Cable loss + Antenna factor + Attenuator - Preamplifier; Level = Reading + Factor; Margin = Limit - Level.

Vertical:

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Detector Type
(MHz)	(dB μ V)	(dB)	(dB μ V/m)	(dB μ V/m)	(dB)	
2310	55.02	-5.81	49.21	74	24.79	peak
2310	/	-5.81	/	54	/	AVG
2390	54.16	-5.84	48.32	74	25.68	peak
2390	/	-5.84	/	54	/	AVG
2400	56.38	-5.84	50.54	74	23.46	peak
2400	/	-5.84	/	54	/	AVG

Remark: Factor = Cable loss + Antenna factor + Attenuator - Preamplifier; Level = Reading + Factor; Margin = Limit - Level.



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Operation Mode: TX CH High (2470MHz)

Horizontal (Worst case):

Frequency	Reading Result	Factor	Emission Level	Limits	Margin	Detector Type
(MHz)	(dB μ V)	(dB)	(dB μ V/m)	(dB μ V/m)	(dB)	
2483.50	54.01	-5.65	48.36	74	25.64	peak
2483.50	/	-5.65	/	54	/	AVG
2500.00	56.38	-5.65	50.73	74	23.27	peak
2500.00	/	-5.65	/	54	/	AVG

Remark: Factor = Cable loss + Antenna factor + Attenuator - Preamplifier; Level = Reading + Factor; Margin = Limit - Level.

Vertical:

Frequency	Reading Result	Factor	Emission Level	Limits	Margin	Detector Type
(MHz)	(dB μ V)	(dB)	(dB μ V/m)	(dB μ V/m)	(dB)	
2483.50	54.02	-5.65	48.37	74	25.63	peak
2483.50	/	-5.65	/	54	/	AVG
2500.00	55.38	-5.65	49.73	74	24.27	peak
2500.00	/	-5.65	/	54	/	AVG

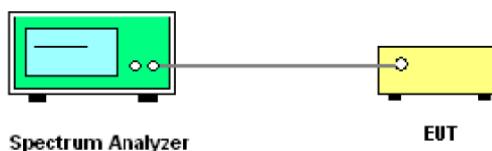
Remark:

1. If the PK measured levels comply with average limit, then the average level were deemed to comply with average limit.
2. In restricted bands of operation, the spurious emissions below the permissible value more than 20dB.
3. The amplitude of spurious emissions which are attenuated by more than 20dB below the permissible value has no need to be reported.

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6. Occupied Bandwidth Measurement

6.1 Test Setup



6.2 Test Procedure

1. According to the follow Test-setup, keep the relative position between the artificial antenna and the EUT.
2. Set to the maximum power setting and enable the EUT transmit continuously.
3. Use the following spectrum analyzer settings for 20dB Bandwidth measurement.
Span = approximately 2 to 3 times the 20 dB bandwidth, centered on a Transmitting channel;
RBW = 1% to 5% of the Occupied Bandwidth; VBW = 3RBW; Sweep = auto; Detector function = peak;
Trace = max hold.
4. Measure and record the results in the test report.

6.3 Test Result

PASS

Frequency	20dB Bandwidth (MHz)	Result
2407 MHz	1.180	PASS
2442 MHz	1.187	PASS
2470 MHz	1.180	PASS

CH01: 2407MHz



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7. Antenna Requirement

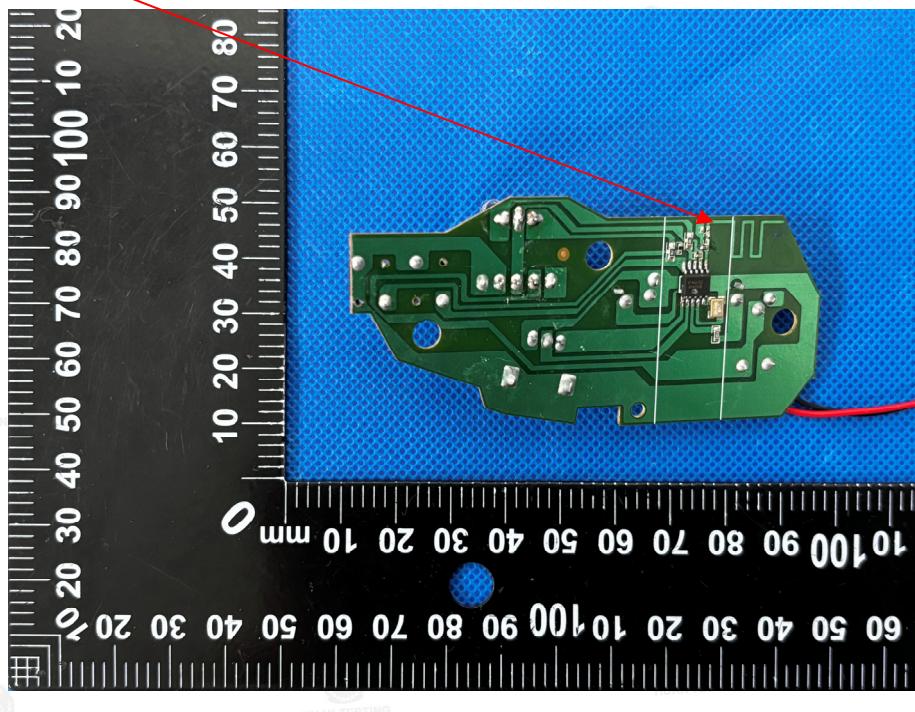
Standard Applicable

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, is a permanently attached antenna on the PCB. It conforms to the standard requirements. The directional gains of antenna used for transmitting is 0dBi.

Antenna



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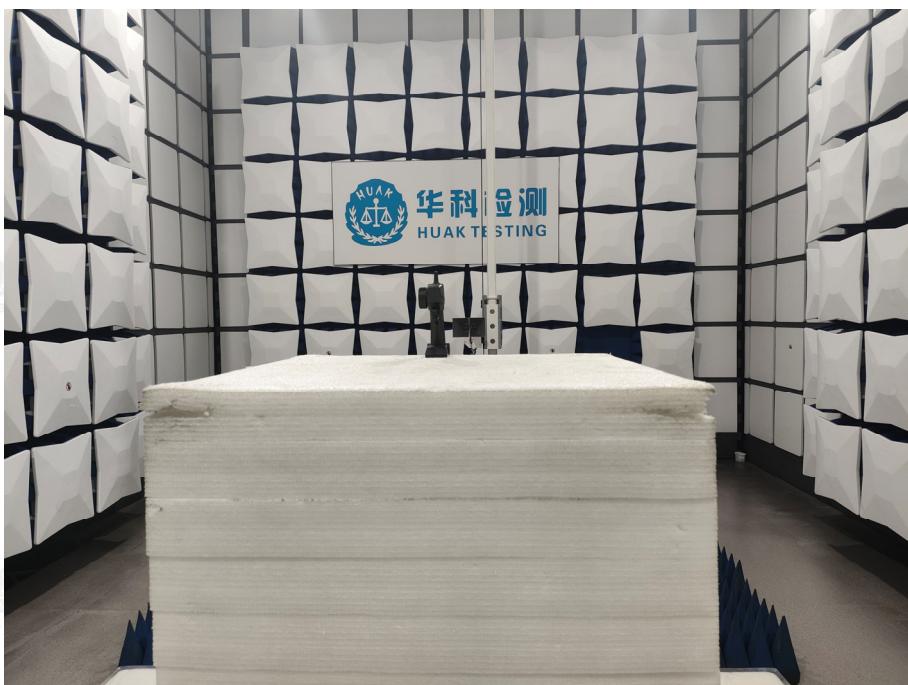
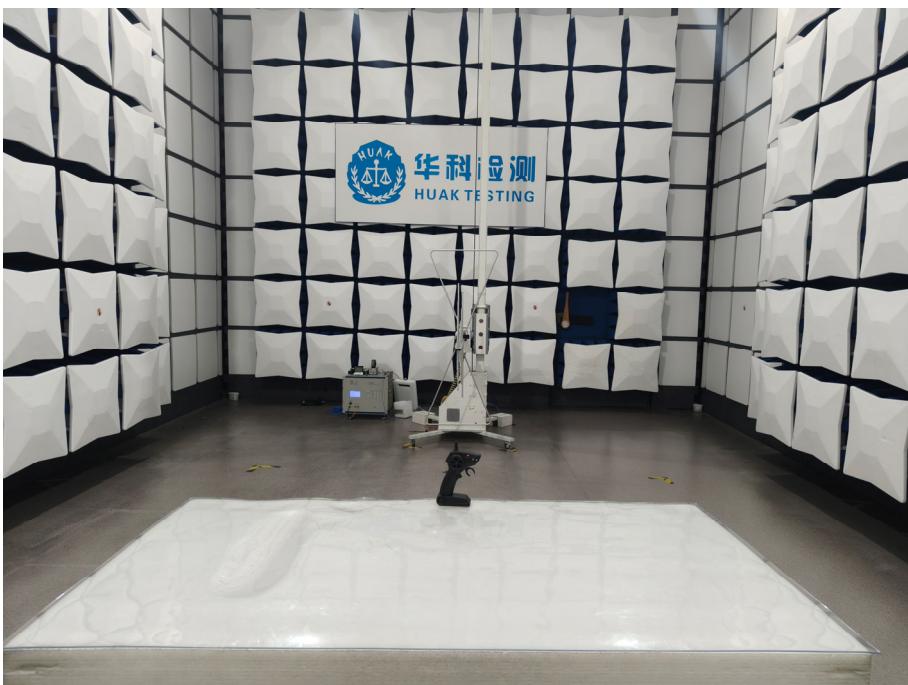
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8. Photographs of Test

Radiated Emission



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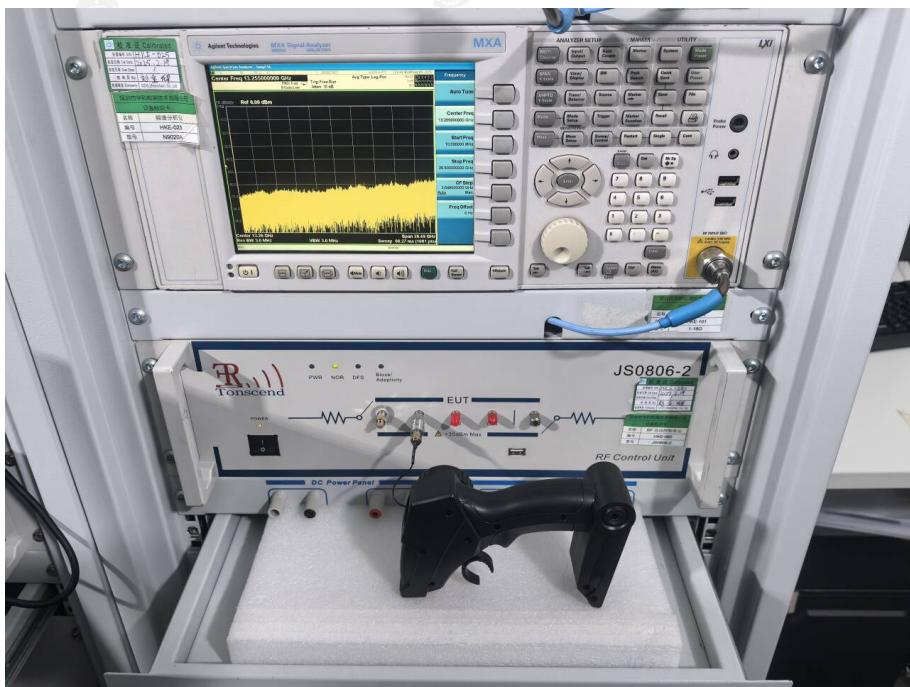
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RF Conducted Emission



9. Photos of the EUT

Reference to the report: ANNEX A of external photos and ANNEX B of internal photos.

-----End of test report-----