

TEST REPORT

Applicant : Hongbaoda Science and Education Culture Co., Ltd.,Chenghai
Dist.,ShantouCity

Address : No. 9, West Yiheng, Longtian Road, Guangyi Street Chenghai District
Shantou City, Guangdong Province, China

Manufacturer : Hongbaoda Science and Education Culture Co., Ltd.,Chenghai
Dist.,ShantouCity

Address : No. 9, West Yiheng, Longtian Road, Guangyi Street Chenghai District
Shantou City, Guangdong Province, China

Product Name : Remote control car toy

Model Number : HBD88-P89A, HBD88-P89B, HBD88-P89C, HBD88-P89D

Trademark : N/A

FCC ID : 2BQZP-HBD88-P89A

Test Date : Aug. 11, 2026 – Aug. 21, 2026

Date of Report : Aug. 21, 2026

Test Result : This device described above has been tested by NTT, 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.

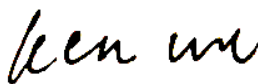
Test Procedure Used:

Standards : FCC CFR Title 47 Part 15 Subpart C Section 15.249
ANSI C63.10-2020 + Cor. 1-2023+C63.10a-2024 + Errata to
C63.10a-2024

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Approved(Manager):
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Approved(Manager):
Abel Yu



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Revision History of This Test Report

[illegible]

1. General Information

1.1. Description of Device (EUT)

EUT Name : Remote control car toy

Model No. : HBD88-P89A, HBD88-P89B, HBD88-P89C, HBD88-P89D

Model Difference : Except for the model name and the appearance of the accessories (toy car), all models utilize the same circuitry and modules.

Power supply : DC 1.5V*2 cell "AA" alkaline battery

Operation frequency : 2410MHz-2470MHz

Modulation : GFSK

Antenna Type : Built-in antenna, Maximum Gain is 0 dBi

Intend use environment : Residential, commercial and light industrial environment

1.2. Channel List

Channel No.	Frequency (MHz)	Channel No.	Frequency (MHz)	Channel No.	Frequency (MHz)
1	2410	22	2431	43	2452
2	2411	23	2432	44	2453
3	2412	24	2433	45	2454
4	2413	25	2434	46	2455
5	2414	26	2435	47	2456
6	2415	27	2436	48	2457
7	2416	28	2437	49	2458
8	2417	29	2438	50	2459
9	2418	30	2439	51	2460
10	2419	31	2440	52	2461
11	2420	32	2441	53	2462
12	2421	33	2442	54	2463
13	2422	34	2443	55	2464
14	2423	35	2444	56	2465
15	2424	36	2445	57	2466
16	2425	37	2446	58	2467
17	2426	38	2447	59	2468
18	2427	39	2448	60	2469
19	2428	40	2449	61	2470
20	2429	41	2450	/	/
21	2430	42	2451		

1.3.Summary of test result

RF PART		
Test Items	Test Requirement	Result
Antenna requirement	FCC part 15.203	PASS
AC Power Line Conducted Emission	FCC part 15.207	N/A
Field strength of the fundamental signal	FCC part 15.249 (a)	PASS
Spurious Emission	FCC part 15.249 (a) (d)/15.209	PASS
Band Edge	FCC part 15.249 (d)/15.205	PASS
20dB Occupied Bandwidth	FCC part 15.215 (c)	PASS
Remark: N/A is an abbreviation for Not Applicable. Measurement Uncertainty is not taken into account for conformity statement		

1.4.Special Accessories and Auxiliary Equipment

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

1.5.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	Channel
GFSK	2410MHz
GFSK	2440MHz
GFSK	2470MHz
Note: Only the worst Data Record in the report	

1.6. Test configuration

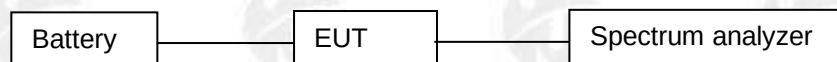
Transmitting mode	Keep the EUT in continuously transmitting mode.
Remark: During the test, the test voltage was tuned from 85% to 115% of the nominal rated supply voltage, and found that the worst case was under the nominal rated supply condition. So the report just shows that condition's data.	
Test Software	Engineering mode
Power level setup	Default

1.7. Block Diagram

Radiated Emission



RF Conducted Test



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	DC 1.5V*2	N/A

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

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

Parameter	Uncertainty
RF output power, conducted	±1.0dB
Power Spectral Density, conducted	±2.2dB
Radio Frequency	± 1 x 10 ⁻⁶
Bandwidth	± 1.5 x 10 ⁻⁶
Time	±2%
Duty Cycle	±2%
Temperature	±1°C
Humidity	±5%
DC and low frequency voltages	±3%
Conducted Emissions (150kHz~30MHz)	±3.64dB
Radiated Emission(9KHz~30MHz)	±4.51dB
Radiated Emission(30MHz~1GHz)	±5.03dB
Radiated Emission(1GHz~25GHz)	±4.74dB

Remark: When making a conformity declaration based on test results for regulations/standards or specifications, the default is to use Clause 4.2.1 of ILAC-G8:09/2019 and the guidelines on decision rules and conformity declaration in IEC Guide 115:2023.

1.10.Test Facility

Site Description		
Name of Firm	:	Shenzhen NTT Testing Technology Co.,Ltd.
Site Location	:	1B, Building 2, Factory Building & 103, Building 3, Factory Building, Dayang Industrial Park, No.4, Industrial Avenue, Tangwei Community, Fuhai Sub-district, Bao 'an District, Shenzhen City, China
FCC Designation Number	:	CN3446
FCC Test Firm Registration Number	:	129414

1.11. Test Equipment

Conducted Test Site

Name	Model No.	Serial No.	Manufacturer	Date of Cal.	Due Date
944 Shielded Room	HSRCE944	/	HTEC	2025/4/30	2028/4/29
EMI Test Receiver	ESPI	/	RS	2025/9/8	2026/9/7
LISN	NNLK 8129	00603	Schwarzbeck	2025/9/8	2026/9/7
LISN	NNHV 8123-400	00694	Schwarzbeck	2025/9/8	2026/9/7
LISN	NNHV 8123-400	00680	Schwarzbeck	2025/9/8	2026/9/7
Cable	RG223-1500MM	NA	RG	2025/9/8	2026/9/7

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

Name	Model No.	Serial No.	Manufacturer	Date of Cal.	Due Date
966 Shielded Room	966 Room	/	EMToni	2025/7/24	2028/7/23
EMI Test Receiver	ESCI	101018	RS	2025/9/8	2026/9/7
Amplifier (30MHz-1GHz)	BBV 9718D	00042	SCHWARZBECK	2025/9/8	2026/9/7
Bilog Antenna (30MHz-1GHz)	VULB9168	1858	SCHWARZBECK	2025/9/9	2026/9/8
Horn antenna (1GHz-18GHz)	BBHA 9120 D	02622	SCHWARZBECK	2025/9/9	2026/9/8
Preamplifier (1GHz-18GHz)	BBV 9718D	0024	SCHWARZBECK	2025/9/8	2026/9/7
Spectrum Analyzer (10Hz-40GHz)	FSV 40	100952	Rohde & Schwarz	2025/9/8	2026/9/7
Preamplifier (18GHz-40GHz)	BBV 9721	0056	SCHWARZBECK	2025/9/8	2026/9/7
Double Ridge Guide Horn Antenna (18GHz-40GHz)	SAS-574	588	A.H.System	2025/9/8	2026/9/7
Loop Antenna (9KHz-30MHz)	FMZB1519B	014	SCHWARZBECK	2025/9/8	2026/9/7
Amplifier (9KHz-30MHz)	CVP 9222 C	00109	SCHWARZBECK	2025/9/8	2026/9/7
MXG Signal Analyzer	N9020A	MY505102 02	Agilent	2025/9/8	2026/9/7
MXG Vector Signal Generator	N5182A	MY501400 20	Agilent	2025/9/8	2026/9/7

MXG Analog Signal Generator	N5181A	MY474209 19	Agilent	2025/9/8	2026/9/7
Power Sensor	TR1029-2	512364	Techoy	2025/9/8	2026/9/7
RF Swith	TR1029-1	512364	Techoy	2025/9/8	2026/9/7
Cable	DA800- 4000MM	NA	DA	2025/9/8	2026/9/7
Cable	DA800- 11000MM	NA	DA	2025/9/8	2026/9/7
High Pass Filter	HXHPF-3G-S	202507220 001	Iuanwei	2025/9/8	2026/9/7

Test software

Item	Name	Manufacturer	Model	Software version
1	EMC Conduction Test System	FALA	EZ-EMC	Ver.EMC-CON 3A1.1+
2	EMC radiation test system	FALA	EZ-EMC	Ver.FA-03A2 RE+
3	RF test system	TACHOY	RFTest	V1.0.0
4	RF communication test system	TACHOY	RFTest	V1.0.0

2. Conducted emission at the mains terminals test

2.1.Limit

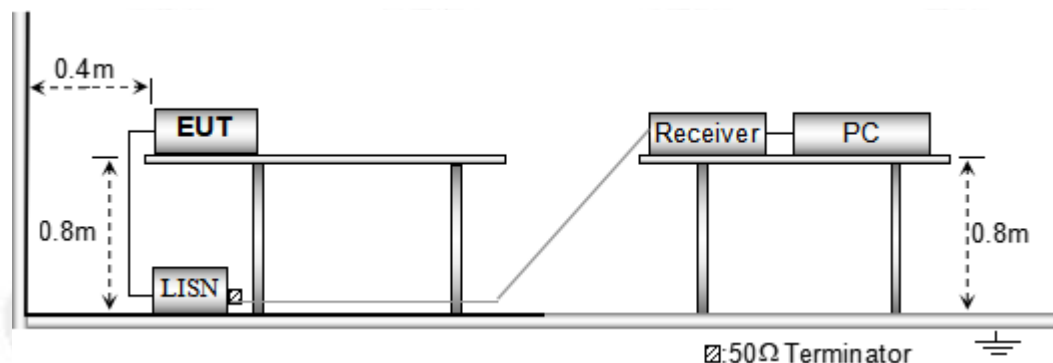
Test Requirement:	FCC Part15 C Section 15.207
Test Method:	ANSI C63.10-2020 + Cor. 1-2023+C63.10a-2024 + Errata to C63.10a-2024
Test Frequency Range:	150KHz to 30MHz
Receiver setup:	RBW=9KHz, VBW=30KHz, Sweep time=auto

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

Not applicable, the product is powered by battery.

3. Radiated Spurious Emissions

3.1.Limit

Test Requirement: FCC CFR47 Part 15 Section 15.209 & 15.249
 Test Method: ANSI C63.10-2020 + Cor. 1-2023+C63.10a-2024 + Errata to C63.10a-2024
 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

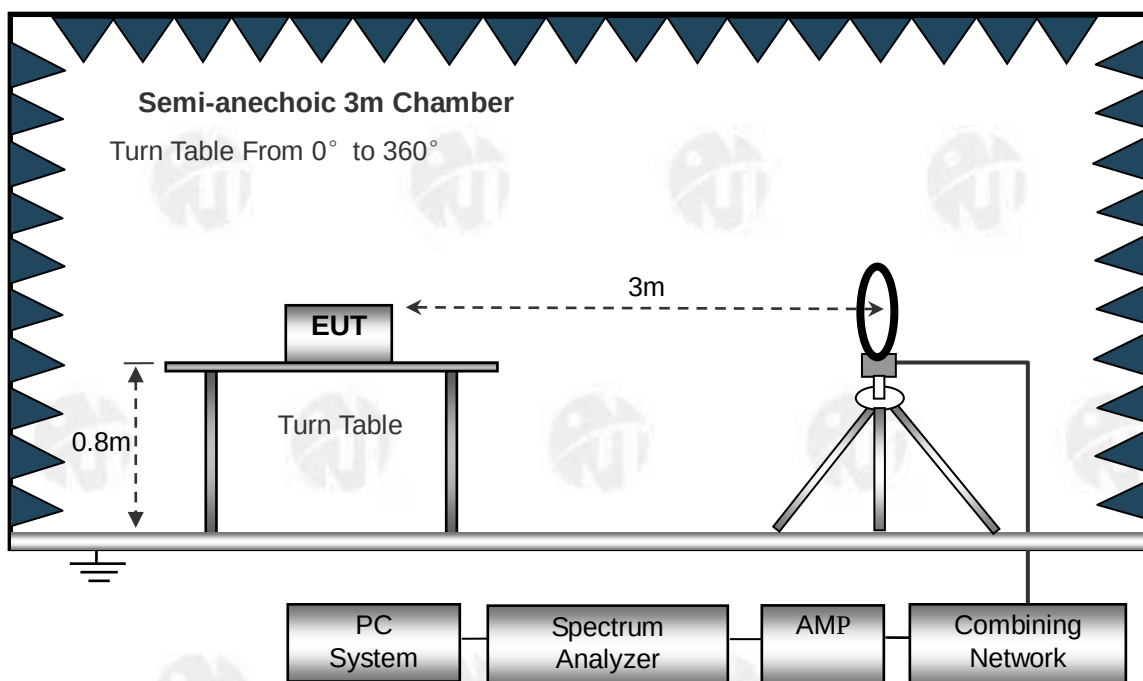
Limit:

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

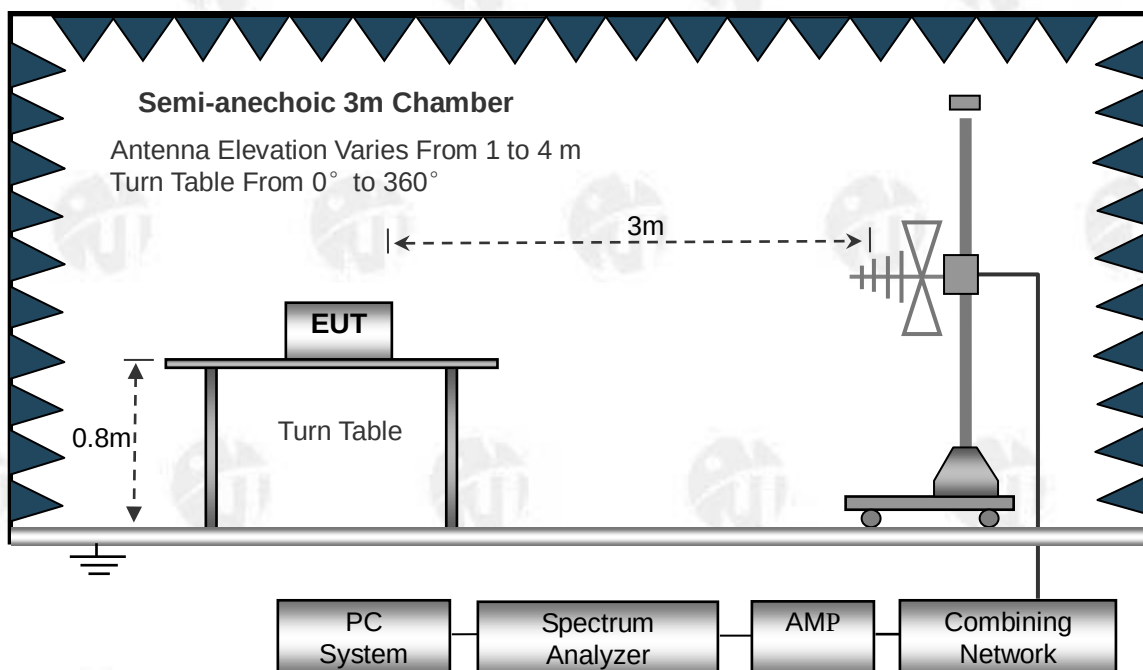
3.2.Test Setup

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

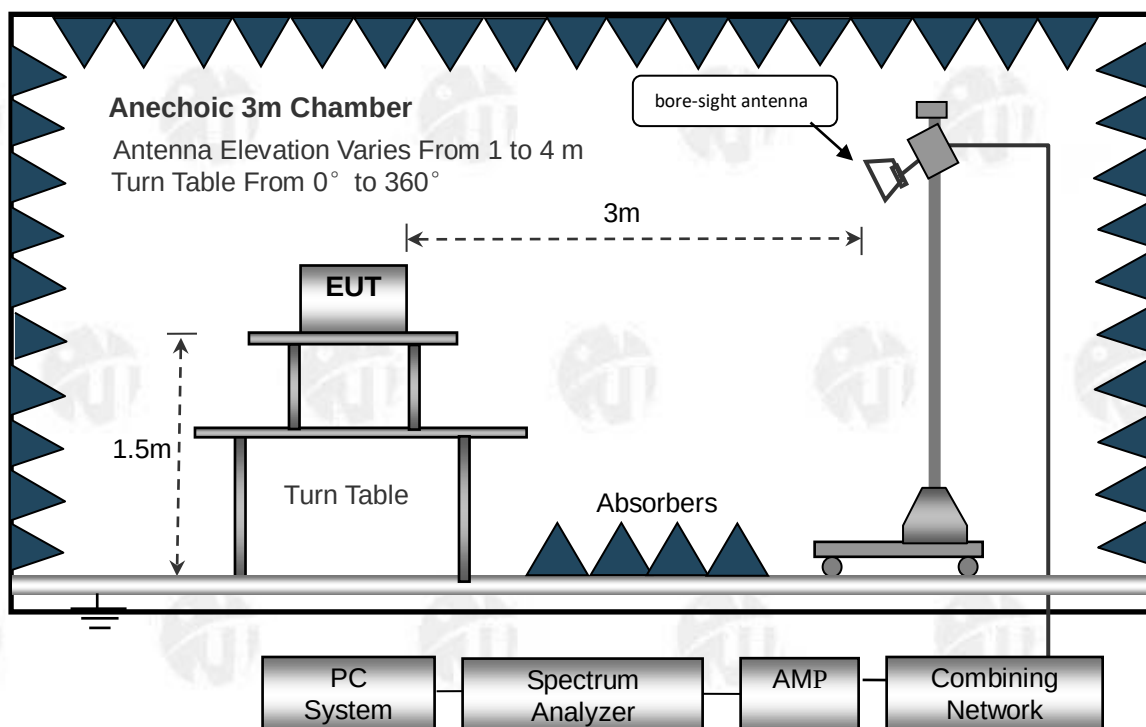
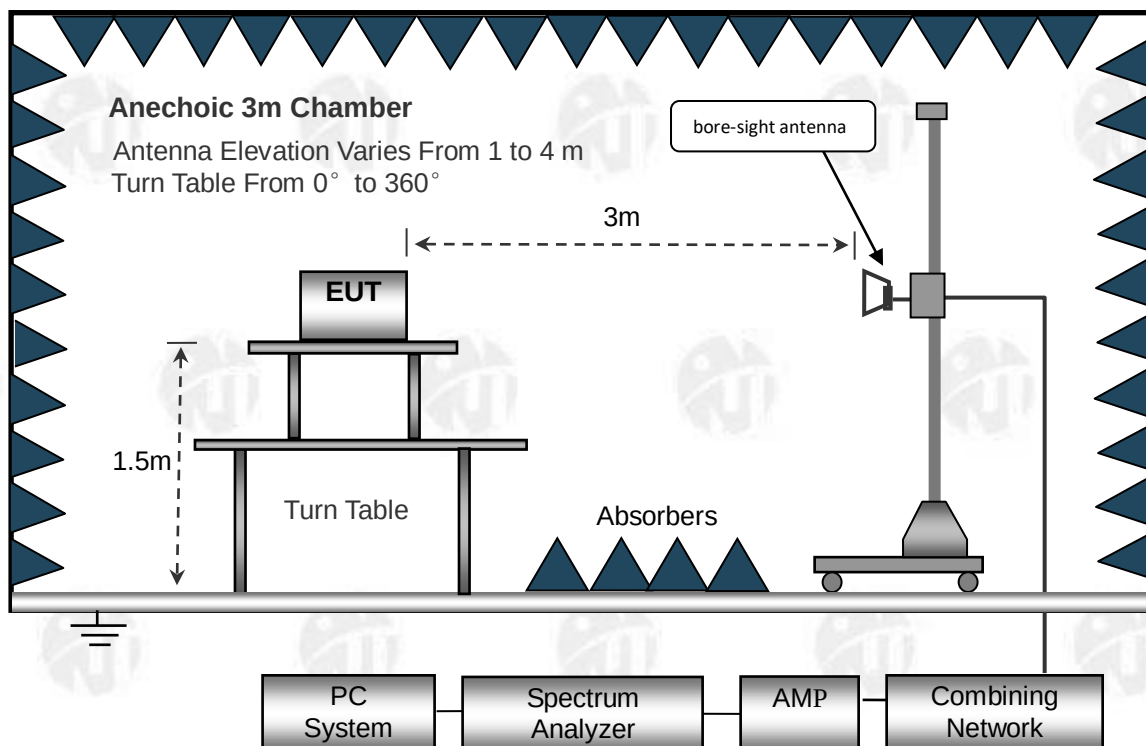
The test setup for emission measurement below 30MHz.



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



The test setup for emission measurement above 1 GHz.



3.3.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.
8. A 2.4GHz high - pass filter is used during radiated emissions above 1GHz measurement.

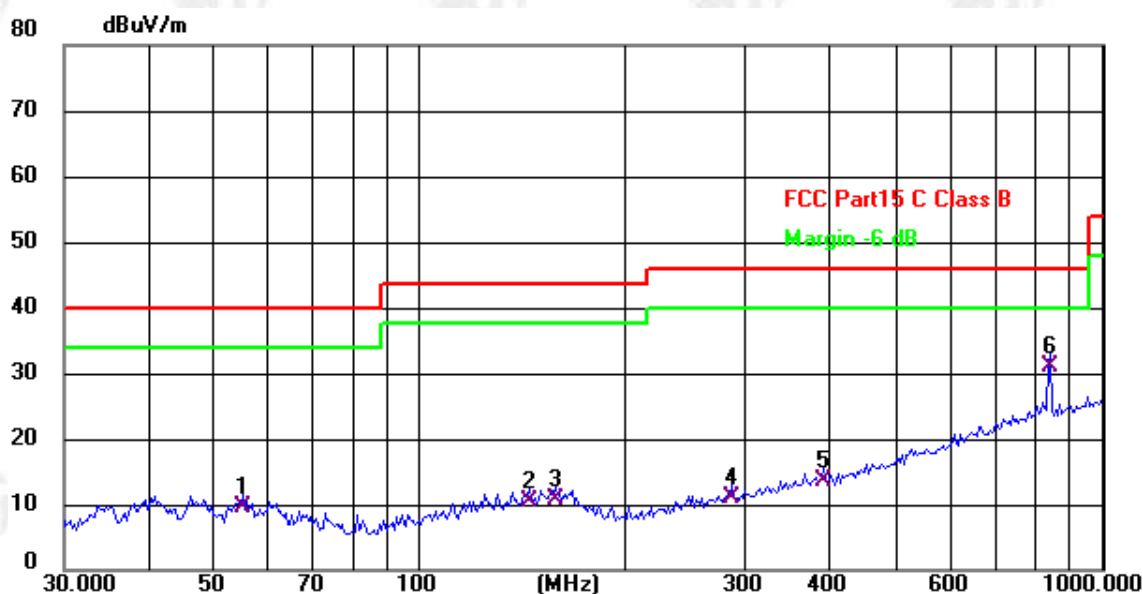
3.4.Test Result

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:	25.5℃	Relative Humidity:	57%
Pressure:	1008hPa	Phase :	Horizontal
Test Voltage :	DC 1.5V*2 from battery	Test Mode:	GFSK-2470MHz



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	54.8348	27.09	-17.49	9.60	40.00	-30.40	QP
2	144.3347	27.08	-16.58	10.50	43.50	-33.00	QP
3	158.1123	26.67	-15.87	10.80	43.50	-32.70	QP
4	286.9823	27.68	-16.78	10.90	46.00	-35.10	QP
5	390.7225	27.90	-14.30	13.60	46.00	-32.40	QP
6 *	839.1818	35.41	-4.51	30.90	46.00	-15.10	QP

Note:

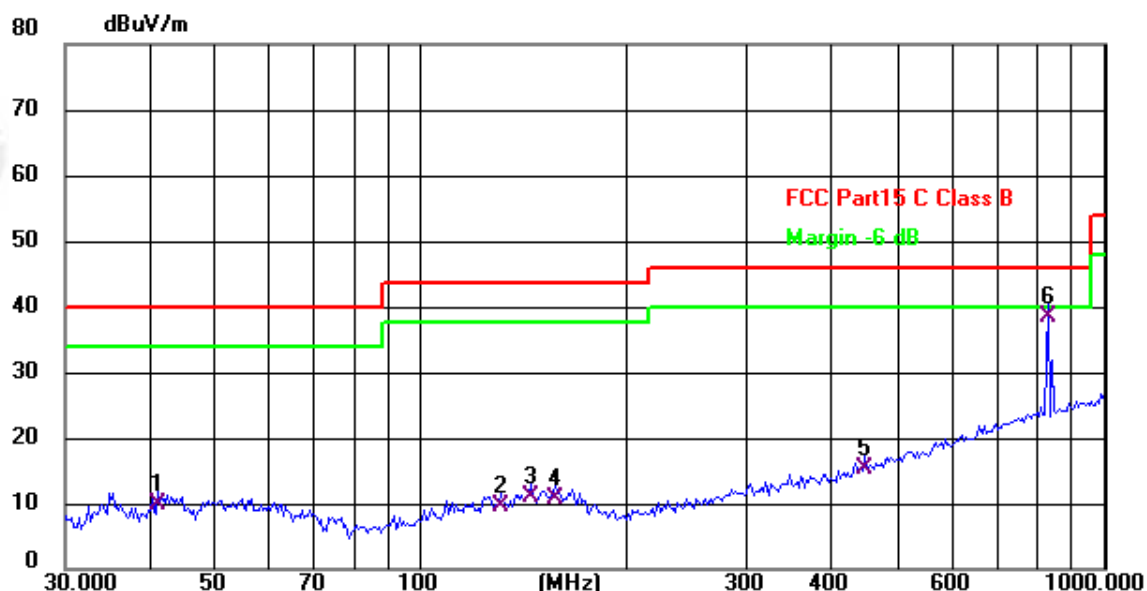
1. Factor = Antenna Factor + Cable Loss – Pre-amplifier.

Emission Level = Reading + Factor

Margin=Emission Level-Limit

2. All the modes have tested and recorded the worst mode in the report

Radiation Emission Test Data			
Temperature:	25.5°C	Relative Humidity:	57%
Pressure:	1008hPa	Phase :	Vertical
Test Voltage :	DC 1.5V*2 from battery	Test Mode:	GFSK-2470MHz



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	41.1320	26.71	-16.81	9.90	40.00	-30.10	QP
2	130.8369	26.84	-17.24	9.60	43.50	-33.90	QP
3	144.3347	27.68	-16.58	11.10	43.50	-32.40	QP
4	157.0073	26.53	-15.93	10.60	43.50	-32.90	QP
5	446.4140	28.25	-12.95	15.30	46.00	-30.70	QP
6 *	827.4934	43.16	-4.66	38.50	46.00	-7.50	QP

Note:

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

Emission Level = Reading + Factor

Margin=Emission Level-Limit

2. All the modes have tested and recorded the worst mode in the report

Field Strength Calculation

Frequency	Ant. Polarization	Emission level	Limits	Margin	Detector	Result
(MHz)	H / V	dBμV/m	dBμV/m	dBμV/m		
2410	H	95.11	114	-18.89	PK	PASS
2410	H	89.23	94	-4.77	AV	PASS
2410	V	92.06	114	-21.94	PK	PASS
2410	V	84.65	94	-9.35	AV	PASS

Frequency	Ant. Polarization	Emission level	Limits	Margin	Detector	Result
(MHz)	H / V	dBμV/m	dBμV/m	dBμV/m		
2440	H	92.39	114	-21.61	PK	PASS
2440	H	88.63	94	-5.37	AV	PASS
2440	V	87.23	114	-26.77	PK	PASS
2440	V	82.42	94	-11.58	AV	PASS

Frequency	Ant. Polarization	Emission level	Limits	Margin	Detector	Result
(MHz)	H / V	dBμV/m	dBμV/m	dBμV/m		
2470	H	93.26	114	-20.74	PK	PASS
2470	H	87.54	94	-6.46	AV	PASS
2470	V	87.96	114	-26.04	PK	PASS
2470	V	82.41	94	-11.59	AV	PASS

Note: 1. Emission Level = Reading + Factor,
 Margin= Emission Level - Limit

1GHz~25GHz

Polar (H/V)	Frequency (MHz)	Meter Reading (dBuV)	Pre-ampli fier (dB)	Cable Loss (dB)	Antenna Factor (dB)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Detector Type
Low Channel:2410MHz									
V	4820	44.35	34.11	5.04	32.44	47.72	74.00	-26.28	Pk
V	4820	35.29	34.11	5.04	32.44	38.66	54.00	-15.34	AV
V	7230	43.55	32.57	6.30	35.89	53.17	74.00	-20.83	Pk
V	7230	31.39	32.57	6.30	35.89	41.01	54.00	-12.99	AV
V	9640	39.25	32.96	7.56	38.40	52.25	74.00	-21.75	Pk
V	9640	26.08	32.96	7.56	38.40	39.08	54.00	-14.92	AV
V	12050	35.06	32.06	8.92	39.01	50.93	74.00	-23.07	Pk
V	12050	23.37	32.06	8.92	39.01	39.24	54.00	-14.76	AV
H	4820	47.2	34.11	5.04	32.44	50.57	74.00	-23.43	Pk
H	4820	35.52	34.11	5.04	32.44	38.89	54.00	-15.11	AV
H	7230	42.45	32.57	6.30	35.89	52.07	74.00	-21.93	Pk
H	7230	27.28	32.57	6.30	35.89	36.90	54.00	-17.10	AV
H	9640	36.79	32.96	7.56	38.40	49.79	74.00	-24.21	Pk
H	9640	25.14	32.96	7.56	38.40	38.14	54.00	-15.86	AV
H	12050	35.61	32.06	8.92	39.01	51.48	74.00	-22.52	Pk
H	12050	24.78	32.06	8.92	39.01	40.65	54.00	-13.35	AV
Low Channel:2440MHz									
V	4880	47.21	34.08	5.08	32.57	50.78	74.00	-23.22	Pk
V	4880	36.41	34.08	5.08	32.57	39.98	54.00	-14.02	AV
V	7320	41.78	32.62	6.34	35.95	51.45	74.00	-22.55	Pk
V	7320	33.12	32.62	6.34	35.95	42.79	54.00	-11.21	AV
V	9760	41.33	32.93	7.58	38.40	54.38	74.00	-19.62	Pk
V	9760	33.65	32.93	7.58	38.40	46.70	54.00	-7.30	AV
V	12200	43.92	31.97	8.89	39.04	59.88	74.00	-14.12	Pk
V	12200	28.14	31.97	8.89	39.04	44.10	54.00	-9.90	AV
H	4880	45.77	34.08	5.08	32.57	49.34	74.00	-24.66	Pk
H	4880	34.08	34.08	5.08	32.57	37.65	54.00	-16.35	AV
H	7320	41.40	32.62	6.34	35.95	51.07	74.00	-22.93	Pk
H	7320	31.41	32.62	6.34	35.95	41.08	54.00	-12.92	AV
H	9760	46.22	32.93	7.58	38.40	59.27	74.00	-14.73	Pk
H	9760	30.47	32.93	7.58	38.40	43.52	54.00	-10.48	AV
H	12200	36.02	31.97	8.89	39.04	51.98	74.00	-22.02	Pk
H	12200	26.40	31.97	8.89	39.04	42.36	54.00	-11.64	AV
Low Channel:2470MHz									
V	4940	48.57	34.05	5.14	32.79	52.45	74.00	-21.55	Pk
V	4940	35.22	34.05	5.14	32.79	39.10	54.00	-14.90	AV
V	7410	37.85	32.67	6.36	35.99	47.53	74.00	-26.47	Pk
V	7410	27.53	32.67	6.36	35.99	37.21	54.00	-16.79	AV
V	9880	41.54	32.89	7.59	38.37	54.61	74.00	-19.39	Pk
V	9880	26.51	32.89	7.59	38.37	39.58	54.00	-14.42	AV
V	12350	38.58	31.88	8.82	39.06	54.58	74.00	-19.42	Pk
V	12350	23.41	31.88	8.82	39.06	39.41	54.00	-14.59	AV
H	4940	45.64	34.05	5.14	32.79	49.52	74.00	-24.48	Pk
H	4940	37.17	34.05	5.14	32.79	41.05	54.00	-12.95	AV
H	7410	42.65	32.67	6.36	35.99	52.33	74.00	-21.67	Pk

H	7410	26.78	32.67	6.36	35.99	36.46	54.00	-17.54	AV
H	9880	40.62	32.89	7.59	38.37	53.69	74.00	-20.31	Pk
H	9880	26.15	32.89	7.59	38.37	39.22	54.00	-14.78	AV
H	12350	35.29	31.88	8.82	39.06	51.29	74.00	-22.71	Pk
H	12350	23.88	31.88	8.82	39.06	39.88	54.00	-14.12	AV

Note: 1. Emission Level = Meter Reading + Antenna Factor + Cable Loss – Pre-amplifier,

Margin= Emission Level - Limit

2. If peak below the average limit, the average emission was no test.

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

The 1-25GHz range has been tested, and the report only records the worst performance of the 1-18G range.

Spurious Emission in Restricted Band 2310-2390MHz and 2483.5-2500MHz

	Polar (H/V)	Frequenc y (MHz)	Meter Reading (dBuV)	Pre- amplifier (dB)	Cable Loss (dB)	Antenna Factor (dB/m)	Emission level (dBuV/m)	Limit (dBuV /m)	Margi n (dB)	Detec tor Type
GFSK	Low Channel: 2410MHz									
	H	2390	57.79	35.17	3.48	27.49	53.59	74	-20.41	PK
	H	2390	49.53	35.17	3.48	27.49	45.33	54	-8.67	AV
	H	2400	60.58	35.16	3.49	27.52	56.43	74	-17.57	PK
	H	2400	49.56	35.16	3.49	27.52	45.41	54	-8.59	AV
	V	2390	57.34	35.17	3.48	27.49	53.14	74	-20.86	PK
	V	2390	50.14	35.17	3.48	27.49	45.94	54	-8.06	AV
	V	2400	59.81	35.16	3.49	27.52	55.66	74	-18.34	PK
	V	2400	50.08	35.16	3.49	27.52	45.93	54	-8.07	AV
	High Channel: 2470MHz									
	H	2483.50	58.12	35.11	3.56	27.75	54.32	74	-19.68	PK
	H	2483.50	48.70	35.11	3.56	27.75	44.90	54	-9.1	AV
	H	2500	59.62	35.10	3.57	27.80	55.89	74	-18.11	PK
	H	2500	49.67	35.10	3.57	27.80	45.94	54	-8.06	AV
	V	2483.50	58.57	35.11	3.56	27.75	54.77	74	-19.23	PK
	V	2483.50	49.56	35.11	3.56	27.75	45.76	54	-8.24	AV
	V	2500	58.43	35.10	3.57	27.80	54.70	74	-19.3	PK
	V	2500	50.23	35.10	3.57	27.80	46.50	54	-7.5	AV
Remark: 1. Emission Level = Meter Reading + Antenna Factor + Cable Loss – Pre-amplifier, Margin= Emission Level - Limit										

4. -20 dB Bandwidth Measurement

4.1.Limit

Test Requirement: FCC CFR47 Part 15 Section 15.215
 Test Method: ANSI C63.10-2020 + Cor. 1-2023+C63.10a-2024 + Errata to C63.10a-2024
 47 CFR Part 15.249
 Test Result: PASS

4.2.Test Setup

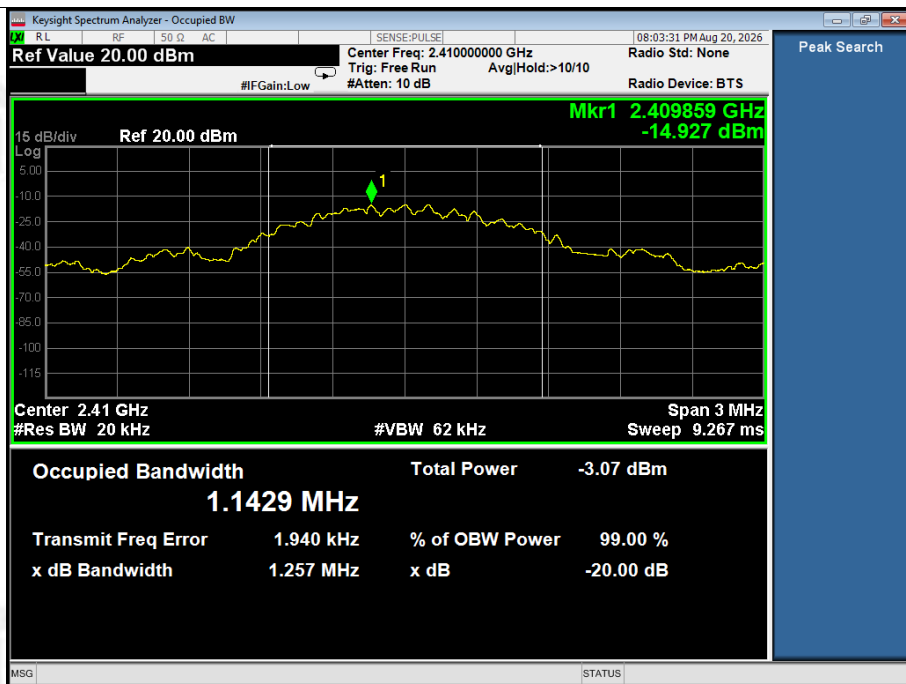


4.3.Test Procedure

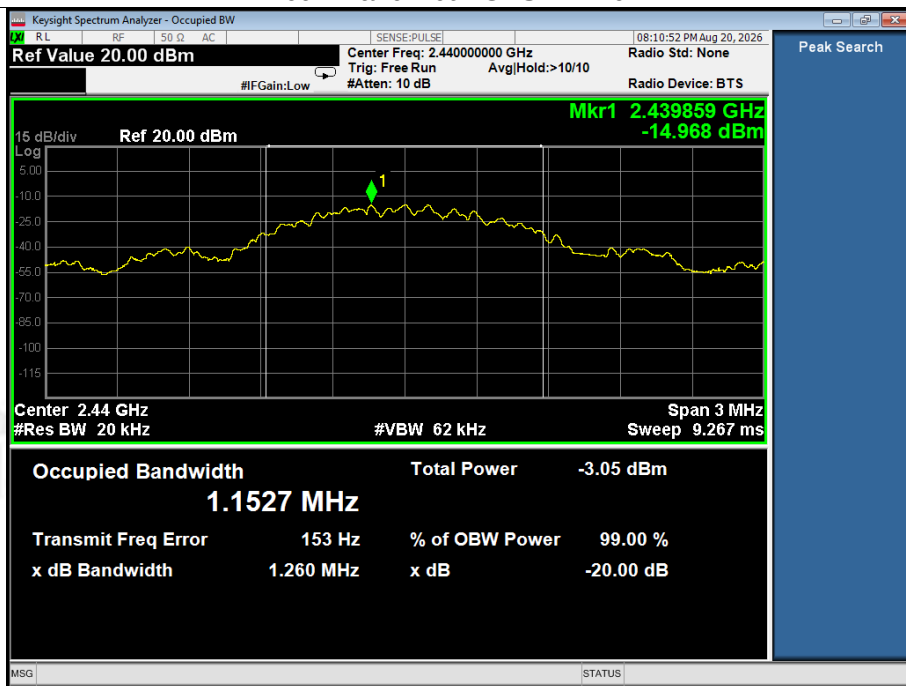
1. Set the spectrum analyzer: RBW = 1%-5% OBW
2. Set the video bandwidth (VBW) $\geq 3 \times$ RBW.
3. Detector = Peak.
4. Trace mode = max hold.
5. Sweep = auto couple.
6. Allow the trace to stabilize.
7. Measure the maximum width of the emission that is constrained by the frequencies associated with the two outermost amplitude points (upper and lower frequencies) that are attenuated by -20 dB relative to the maximum level measured in the fundamental emission

4.4.Test Result

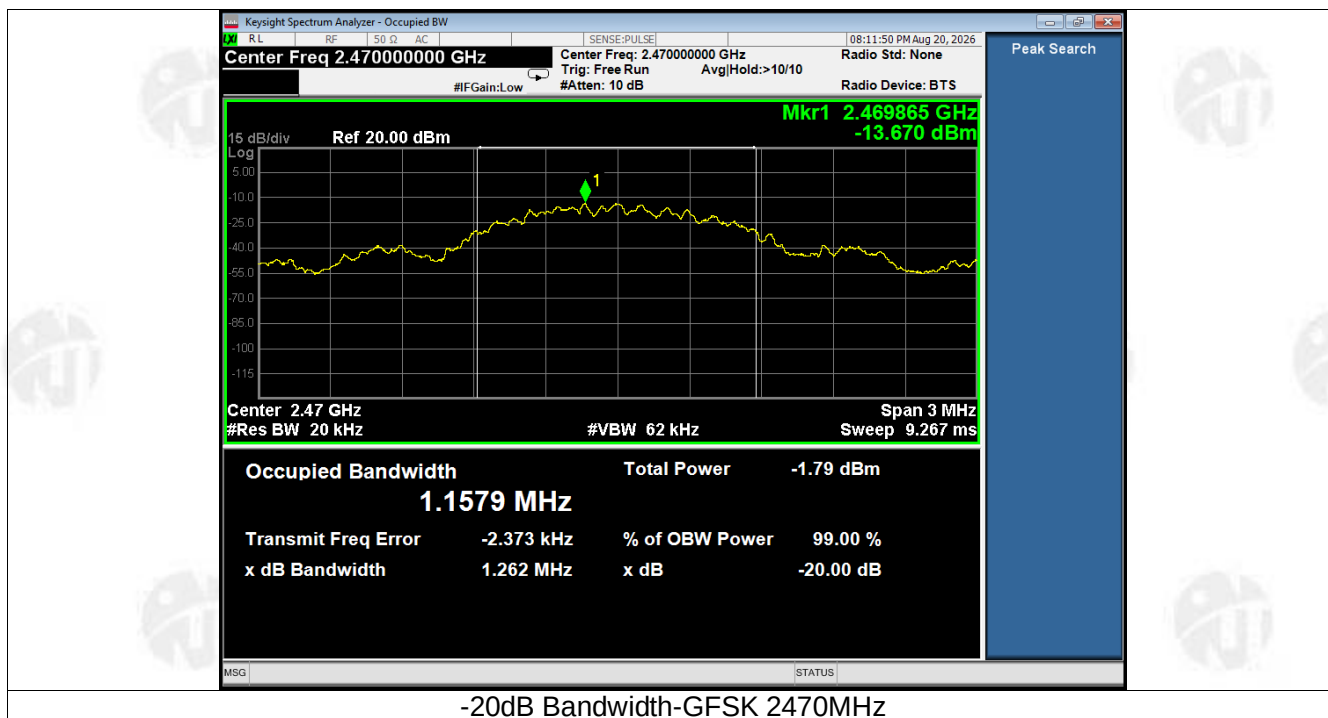
Mode	Frequency (MHz)	-20 dB Bandwidth (MHz)	99% OBW (MHz)
GFSK	2410	1.257	1.1429
GFSK	2440	1.260	1.1527
GFSK	2470	1.262	2.1579



-20dB Bandwidth-GFSK 2410Hz



-20dB Bandwidth-GFSK 2440MHz



-20dB Bandwidth-GFSK 2470MHz



5. 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.

This product has an Built-in antenna, and the maximum antenna gain is 0 dBi, fulfill the requirement of this section.



6. TEST SETUP & EUT PHOTOGRAPH

Please see the attachment for details.

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