



TEST REPORT

Applicant : SKYKING INNOVATIONS CO., LIMITED
Address : No.1,Huaiheyuan Industrial District, Lianxia Town,Chenghai District
Shantou,Guangdong, China
Manufacturer : SKYKING INNOVATIONS CO., LIMITED
Address : No.1,Huaiheyuan Industrial District, Lianxia Town,Chenghai District
Shantou,Guangdong, China
Product Name : RC Car
Model Number : BRC1280, DRC1280, BRC1161, BRC1279, DRC1279, DRC1161,
C1/8, C1/16, BRC1281
Trademark : N/A
FCC ID : 2BKNV-SKPVC18
Test Date : May 29, 2026 - June 25, 2026
Date of Report : June 25, 2026
Test Result : This device described above has been tested by BKC, and the test
results show that the equipment under test (EUT) is in compliance
with the Standard requirements. And it is applicable only to the tested
sample identified in the report.

Test Procedure Used:

Standards : FCC CFR Title 47 Part 15 Subpart C Section 15.249
ANSI C63.10-2020 + Cor. 1-2023+C63.10a-2024 + Errata to
C63.10a-2024
KDB 558074 D01 15.247 Meas Guidance v05r02

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1. General Information

1.1. Description of Device (EUT)

EUT Name : RC Car
 Model Name : BRC1280
 Series Model : DRC1280, BRC1161, BRC1279, DRC1279, DRC1161, C1/8, C1/16, BRC1281
 Model Difference : All the models are the same circuit and RF module, except the model name and color.
 Power supply : DC 3V
 Operation frequency : 2405-2475MHz
 Modulation : GFSK
 Antenna Type : Internal antenna, Maximum Gain is 2.56 dBi
 Intend use environment : Residential, commercial and light industrial environment

1.2. Channel List

Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)
00	2405	27	2432	54	2459
01	2406	28	2433	55	2460
02	2407	29	2434	56	2461
03	2408	30	2435	57	2462
04	2409	31	2436	58	2463
05	2410	32	2437	59	2464
06	2411	33	2438	60	2465
07	2412	34	2439	61	2466
08	2413	35	2440	62	2467
09	2414	36	2441	63	2468
10	2415	37	2442	64	2469
11	2416	38	2443	65	2470
12	2417	39	2444	66	2471
13	2418	40	2445	67	2472
14	2419	41	2446	68	2473
15	2420	42	2447	69	2474
16	2421	43	2448	70	2475
17	2422	44	2449		
18	2423	45	2450		
19	2424	46	2451		
20	2425	47	2452		
21	2426	48	2453		
22	24327	49	2454		
23	2428	50	2455		
24	2429	51	2456		
25	2430	52	2457		
26	2431	53	2458		

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 emissions	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
/	/	/	/	/

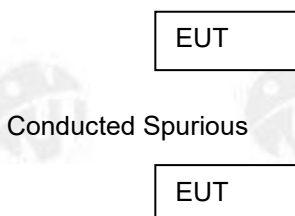
1.5.Test configuration

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	The prototype enters the engineering mode.
Power level setup	Default

1.6.Block Diagram

Radiated Emission



1.7.Test mode

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

Test mode	Low channel	Middle channel	High channel
GFSK	2405MHz	2440MHz	2475MHz

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 3V	N/A

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

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

Item	MU	Remark
Uncertainty for radio frequency	$\pm 7 \times 10^{-8}$	
Conducted Emissions (150kHz~30MHz)	$\pm 2.54\text{dB}$	
Radiated Emission(9KHz~30MHz)	$\pm 1.6\text{ dB}$	
Radiated Emission(30MHz~1GHz)	Vertical: $\pm 4.14\text{dB}$ Horizontal: $\pm 4.25\text{dB}$	
Radiated Emission(1GHz~6GHz)	$\pm 3.9\text{dB}$	
Radiated Emission(6GHz~18GHz)	$\pm 4.3\text{dB}$	
Radiated Emission(18GHz~40GHz)	$\pm 3.38\text{dB}$	
Uncertainty for conducted RF Power	$\pm 0.20\text{dB}$	
Conducted spurious emissions	$\pm 0.24\text{dB}$	
Uncertainty for temperature	0.6°C	
Uncertainty for humidity	1%	
Bandwidth	$\pm 1.5 \times 10^{-6}$	
Time	$\pm 2\%$	
Duty Cycle	$\pm 2\%$	

Remark: The coverage Factor (k=2), and measurement Uncertainty for a level of Confidence of 95%

1.10.Test Facility

Site Description		
Name of Firm	:	Shenzhen 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, Guangdong, China
EMC Lab.	:	Designation Number: CN3446 Test Firm Registration Number: 129414 Accredited by ANAB, Dec. 19, 2025 The Certificate Registration Number is AT-3446

1.11.Test Equipment

Radiated emission & Radio Frequency Test Equipment

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	MY50510202	Agilent	2025/9/8	2026/9/7
MXG Vector Signal Generator	N5182A	MY50140020	Agilent	2025/9/8	2026/9/7
MXG Analog Signal Generator	N5181A	MY47420919	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

Conducted emission Test Equipment

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

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

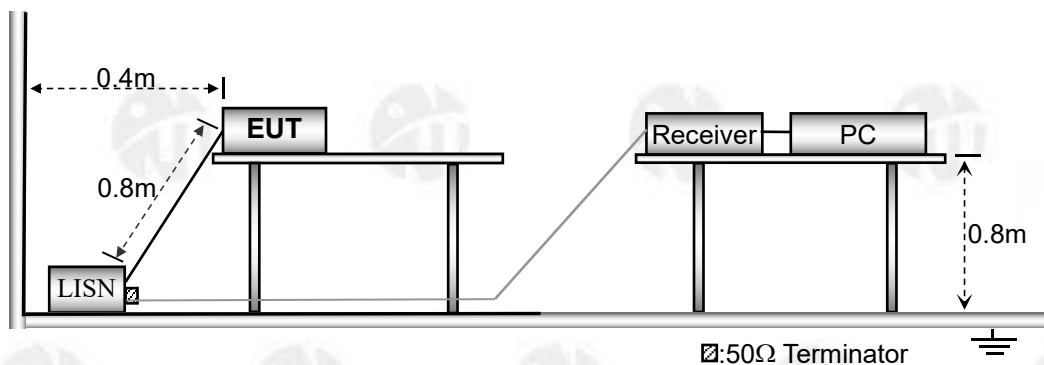
2.1.Limit

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 0.1 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

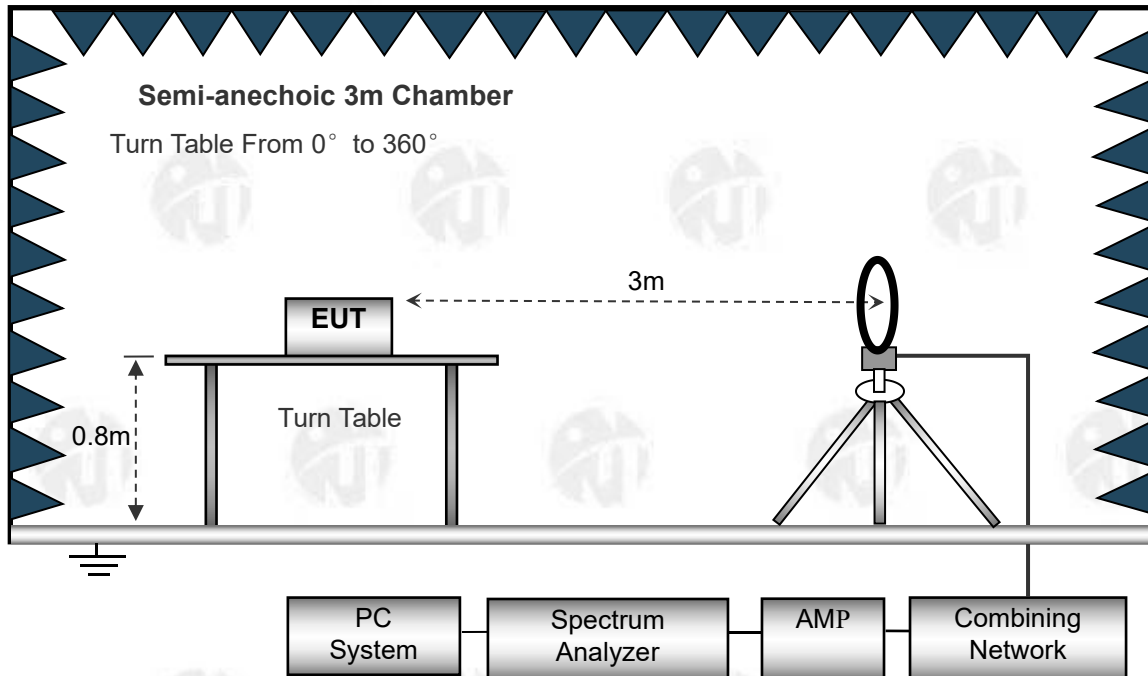
Limit:

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(kHz)	300	$10000 * 2400/F(kHz)$	$20\log(2400/F(kHz)) + 80$
0.490 ~ 1.705	24000/F(kHz)	30	$100 * 24000/F(kHz)$	$20\log(24000/F(kHz)) + 40$
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	$20\log(500)$

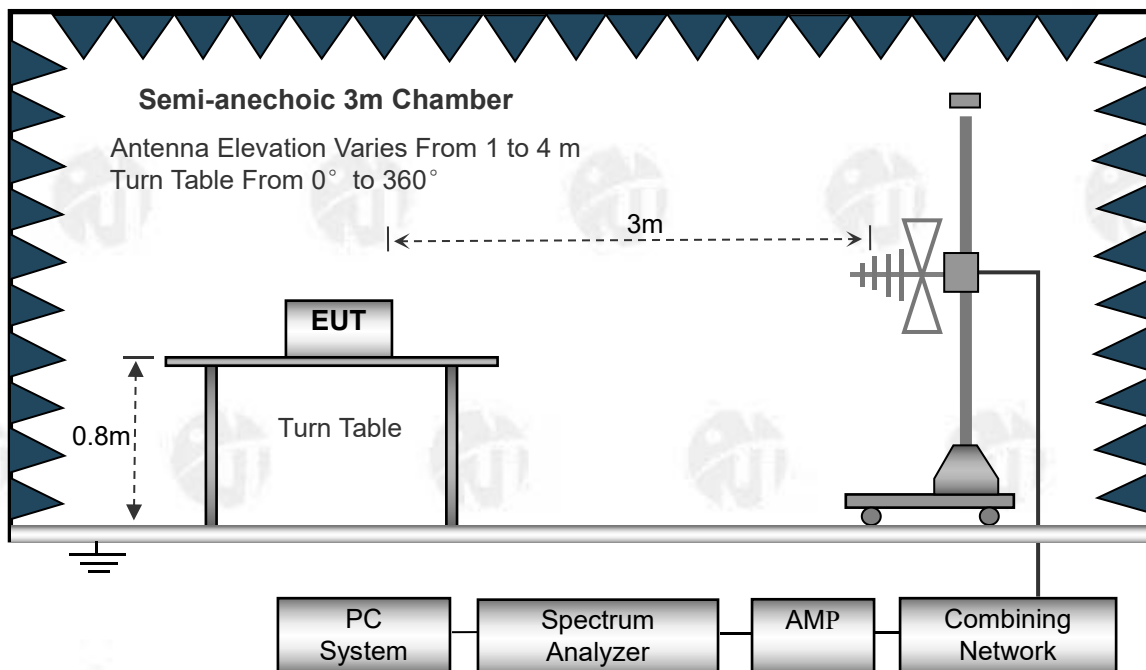
3.2.Test Setup

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

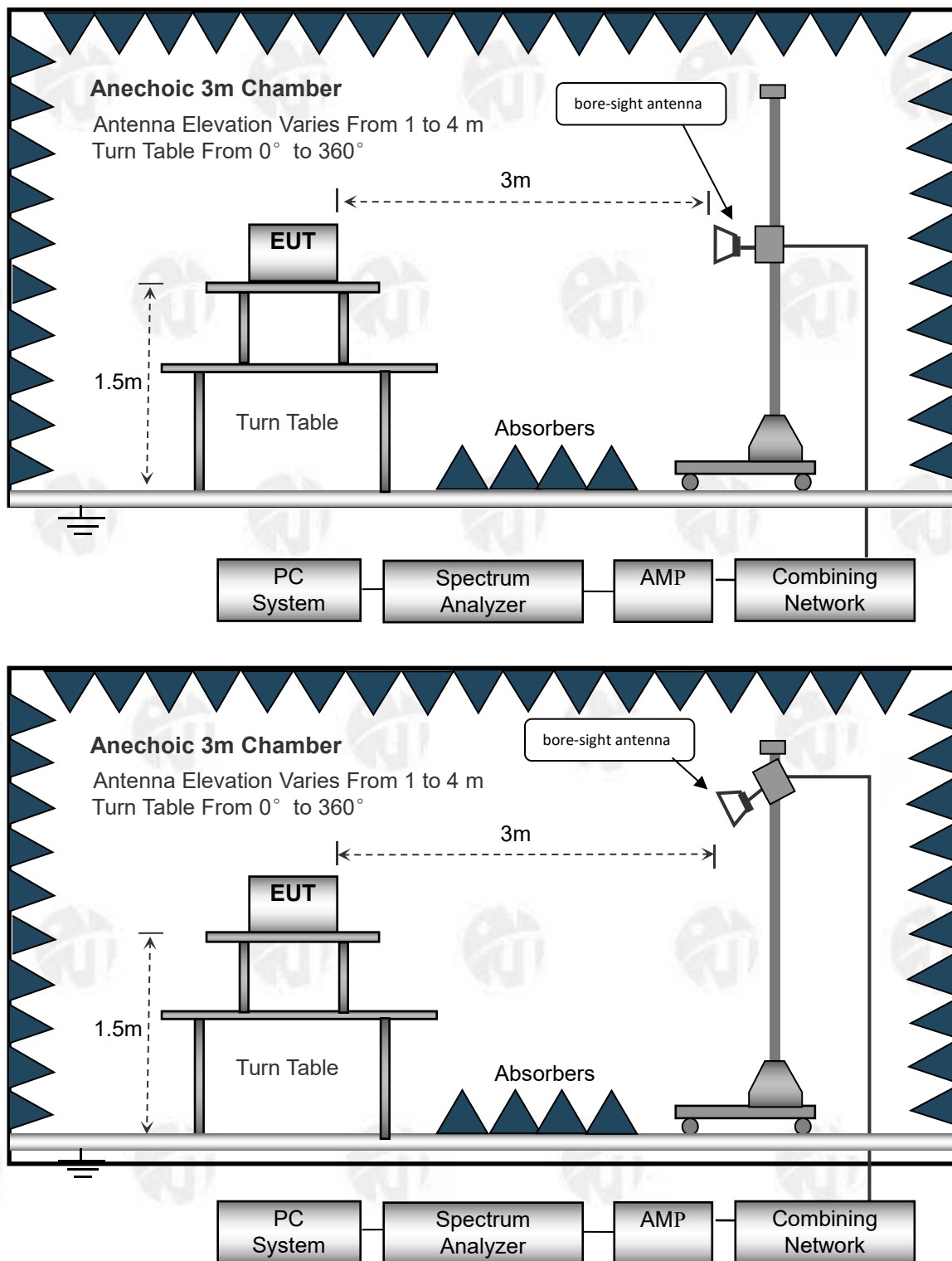
The test setup for emission measurement below 30MHz.



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 druing radiated emissions above 1GHz measurement.

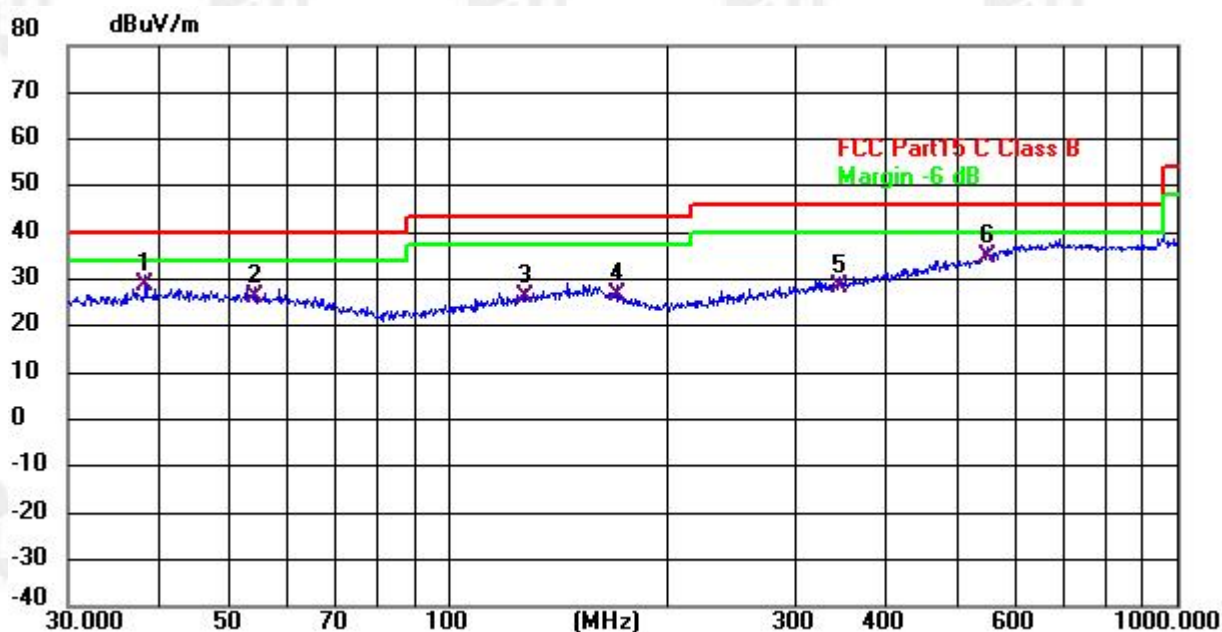
3.4.Test Result

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:	25.1°C	Relative Humidity:	56%
Pressure:	1008hPa	Phase :	Horizontal
Test Voltage :	DC 3V	Test Mode	GFSK-2475MHz



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1 *	38.3462	14.28	14.32	28.60	40.00	-11.40	QP
2	54.0710	12.41	13.99	26.40	40.00	-13.60	QP
3	127.2176	11.95	14.15	26.10	43.50	-17.40	QP
4	170.1947	12.38	14.42	26.80	43.50	-16.70	QP
5	344.3855	11.62	16.68	28.30	46.00	-17.70	QP
6	550.9480	12.55	22.05	34.60	46.00	-11.40	QP

Note:

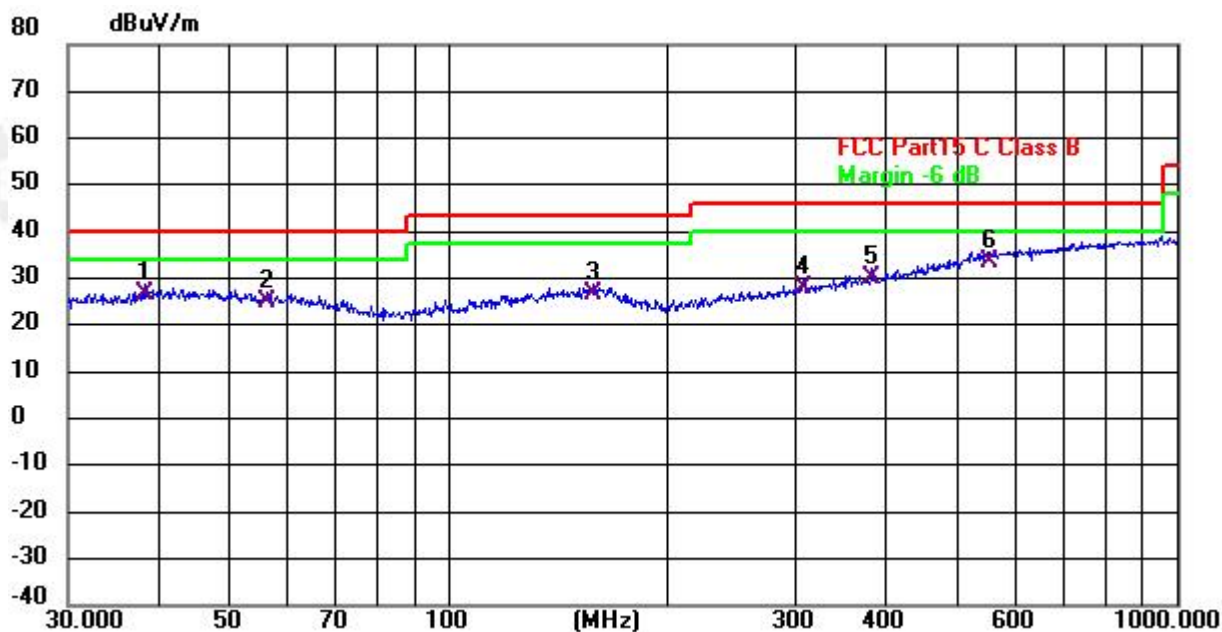
1. Factor = Antenna Factor + Cable Loss – Pre-amplifier.

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:	25.1°C	Relative Humidity:	56%
Pressure:	1008hPa	Phase :	Vertical
Test Voltage :	DC 3V	Test Mode	GFSK-2475MHz



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	38.3462	12.48	14.32	26.80	40.00	-13.20	QP
2	56.1974	11.02	13.88	24.90	40.00	-15.10	QP
3	158.1123	10.72	15.78	26.50	43.50	-17.00	QP
4	307.8312	12.16	15.74	27.90	46.00	-18.10	QP
5	381.2485	12.48	17.62	30.10	46.00	-15.90	QP
6 *	552.8832	11.50	22.10	33.60	46.00	-12.40	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	Reading	Factor	Emission Level	Limits	Margin	Horizontal / Vertical	Detector Type
MHz	dB μ V	dB/m	dB μ V/m	dB μ V/m	dB μ V/m		
2405	95.87	-5.81	90.06	114	-23.94	H	PK
2405	83.62	-5.81	77.81	94	-16.19	H	AV
2405	90.21	-5.81	84.4	114	-29.6	V	PK
2405	79.86	-5.81	74.05	94	-19.95	V	AV
2440	94.18	-5.67	88.51	114	-25.49	H	PK
2440	81.08	-5.67	75.41	94	-18.59	H	AV
2440	89.63	-5.67	83.96	114	-30.04	V	PK
2440	78.11	-5.67	72.44	94	-21.56	V	AV
2475	96.13	-5.42	90.71	114	-23.29	H	PK
2475	84.33	-5.42	78.91	94	-15.09	H	AV
2475	91.17	-5.42	85.75	114	-28.25	V	PK
2475	78.52	-5.42	73.1	94	-20.9	V	AV
Note: 1. Emission Level = Reading + Factor , Margin= Emission Level - Limit							

1GHz~25GHz

Polar (H/V)	Frequency (MHz)	Meter Reading (dBuV)	Pre-amplifier (dB)	Cable Loss (dB)	Antenna Factor (dB)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Detector Type
Low Channel:2405MHz									
V	4810.000	50.55	34.12	5.03	32.39	53.85	74.00	-20.15	Pk
V	4810.000	39.69	34.12	5.03	32.39	42.99	54.00	-11.01	AV
V	7215.000	48.99	32.54	6.29	35.86	58.60	74.00	-15.40	Pk
V	7215.000	35.18	32.54	6.29	35.86	44.79	54.00	-9.21	AV
V	9620.000	46.99	32.98	7.55	38.40	59.96	74.00	-14.04	Pk
V	9620.000	32.87	32.98	7.55	38.40	45.84	54.00	-8.16	AV
V	12025.000	45.08	32.09	8.93	39.00	60.92	74.00	-13.08	Pk
V	12025.000	27.43	32.09	8.93	39.00	43.27	54.00	-10.73	AV
H	4810.000	48.24	34.12	5.03	32.39	51.54	74.00	-22.46	Pk
H	4810.000	38.97	34.12	5.03	32.39	42.27	54.00	-11.73	AV
H	7215.000	45.16	32.54	6.29	35.86	54.77	74.00	-19.23	Pk
H	7215.000	32.08	32.54	6.29	35.86	41.69	54.00	-12.31	AV
H	9620.000	47.57	32.98	7.55	38.40	60.54	74.00	-13.46	Pk
H	9620.000	27.32	32.98	7.55	38.40	40.29	54.00	-13.71	AV
H	12025.000	40.33	32.09	8.93	39.00	56.17	74.00	-17.83	Pk
H	12025.000	27.83	32.09	8.93	39.00	43.67	54.00	-10.33	AV
Middle Channel:2440MHz									
V	4880.000	48.12	34.07	5.09	32.59	51.73	74.00	-22.27	Pk
V	4880.000	37.90	34.07	5.09	32.59	41.51	54.00	-12.49	AV
V	7320.000	46.41	32.63	6.34	35.96	56.08	74.00	-17.92	Pk
V	7320.000	35.65	32.63	6.34	35.96	45.32	54.00	-8.68	AV
V	9760.000	40.95	32.92	7.59	38.40	54.02	74.00	-19.98	Pk
V	9760.000	27.63	32.92	7.59	38.40	40.70	54.00	-13.30	AV
V	12200.000	39.96	31.96	8.88	39.04	55.92	74.00	-18.08	Pk
V	12200.000	28.64	31.96	8.88	39.04	44.60	54.00	-9.40	AV
H	4880.000	49.02	34.07	5.09	32.59	52.63	74.00	-21.37	Pk
H	4880.000	40.13	34.07	5.09	32.59	43.74	54.00	-10.26	AV
H	7320.000	46.24	32.63	6.34	35.96	55.91	74.00	-18.09	Pk
H	7320.000	32.21	32.63	6.34	35.96	41.88	54.00	-12.12	AV
H	9760.000	41.86	32.92	7.59	38.40	54.93	74.00	-19.07	Pk
H	9760.000	28.92	32.92	7.59	38.40	41.99	54.00	-12.01	AV
H	12200.000	39.71	31.96	8.88	39.04	55.67	74.00	-18.33	Pk
H	12200.000	27.83	31.96	8.88	39.04	43.79	54.00	-10.21	AV
High Channel:2475MHz									
V	4950.000	47.45	34.02	5.15	32.80	51.38	74.00	-22.62	Pk
V	4950.000	35.57	34.02	5.15	32.80	39.50	54.00	-14.50	AV
V	7425.000	46.10	32.71	6.40	36.05	55.84	74.00	-18.16	Pk
V	7425.000	34.90	32.71	6.40	36.05	44.64	54.00	-9.36	AV
V	9900.000	39.47	32.86	7.62	38.40	52.63	74.00	-21.37	Pk
V	9900.000	29.54	32.86	7.62	38.40	42.70	54.00	-11.30	AV
V	12375.000	37.47	31.82	8.84	39.08	53.57	74.00	-20.43	Pk
V	12375.000	25.32	31.82	8.84	39.08	41.42	54.00	-12.58	AV
H	4950.000	48.28	34.02	5.15	32.80	52.21	74.00	-21.79	Pk
H	4950.000	36.82	34.02	5.15	32.80	40.75	54.00	-13.25	AV
H	7425.000	45.96	32.71	6.40	36.05	55.70	74.00	-18.30	Pk
H	7425.000	30.98	32.71	6.40	36.05	40.72	54.00	-13.28	AV
H	9900.000	39.27	32.86	7.62	38.40	52.43	74.00	-21.57	Pk
H	9900.000	27.72	32.86	7.62	38.40	40.88	54.00	-13.12	AV



H	12375.000	40.01	31.82	8.84	39.08	56.11	74.00	-17.89	Pk
H	12375.000	27.42	31.82	8.84	39.08	43.52	54.00	-10.48	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.

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: 2402MHz									
	H	2390.00	57.62	35.17	3.48	27.49	53.42	74	-20.58	PK
	H	2390.00	49.99	35.17	3.48	27.49	45.79	54	-8.21	AV
	H	2400.00	60.43	35.16	3.49	27.52	56.28	74	-17.72	PK
	H	2400.00	49.85	35.16	3.49	27.52	45.70	54	-8.3	AV
	V	2390.00	57.60	35.17	3.48	27.49	53.40	74	-20.6	PK
	V	2390.00	50.36	35.17	3.48	27.49	46.16	54	-7.84	AV
	V	2400.00	59.58	35.16	3.49	27.52	55.43	74	-18.57	PK
	V	2400.00	50.12	35.16	3.49	27.52	45.97	54	-8.03	AV
	High Channel: 2480MHz									
	H	2483.50	57.73	35.11	3.56	27.75	53.93	74	-20.07	PK
	H	2483.50	48.68	35.11	3.56	27.75	44.88	54	-9.12	AV
	H	2500.00	59.76	35.10	3.57	27.80	56.03	74	-17.97	PK
	H	2500.00	49.82	35.10	3.57	27.80	46.09	54	-7.91	AV
	V	2483.50	58.21	35.11	3.56	27.75	54.41	74	-19.59	PK
	V	2483.50	49.83	35.11	3.56	27.75	46.03	54	-7.97	AV
	V	2500.00	58.41	35.10	3.57	27.80	54.68	74	-19.32	PK
	V	2500.00	50.37	35.10	3.57	27.80	46.64	54	-7.36	AV
Remark: 1. Emission Level = Meter Reading + Antenna Factor + Cable Loss – Pre-amplifier, Margin= Emission Level - Limit										

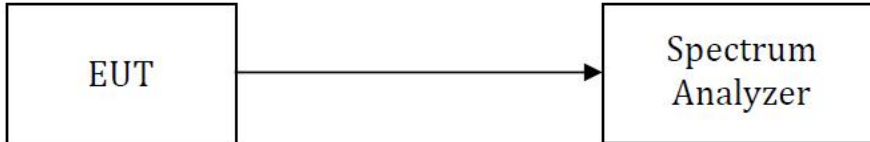
4. -20 dB Bandwidth Measurement

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

4.2.Test Setup

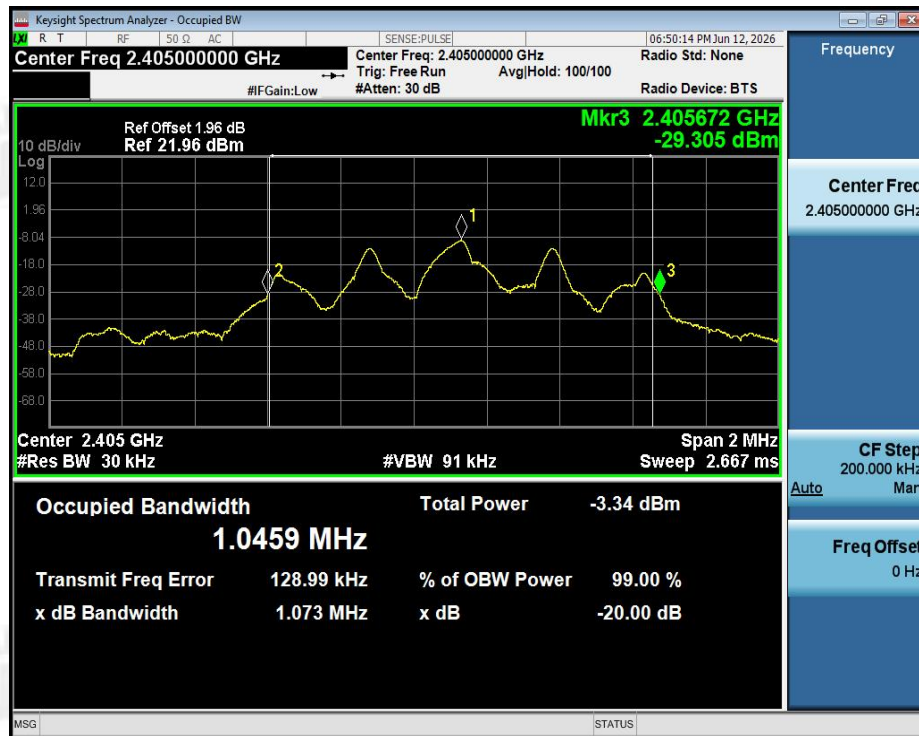


4.3.Test Procedure

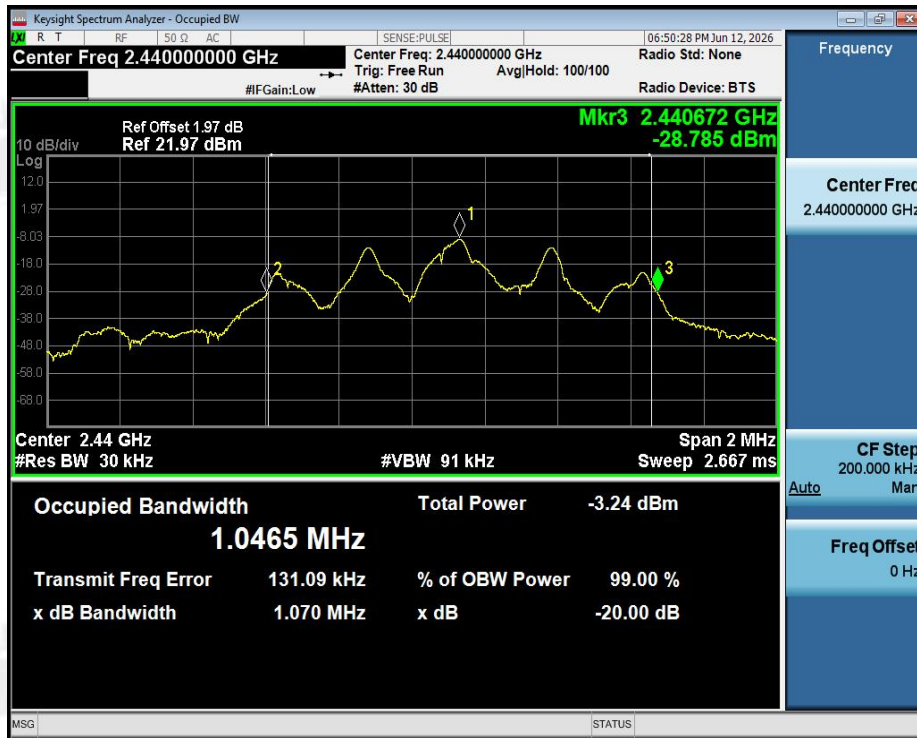
1. Set the spectrum analyzer: RBW = 1%-5% OBW
2. Set the video bandwidth (VBW) $\geq 3 \times$ RBW.
3. Detector = Peak.
4. Trace mode = max hold.
5. Sweep = auto couple.
6. Allow the trace to stabilize.
7. Measure the maximum width of the emission that is constrained by the frequencies associated with 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

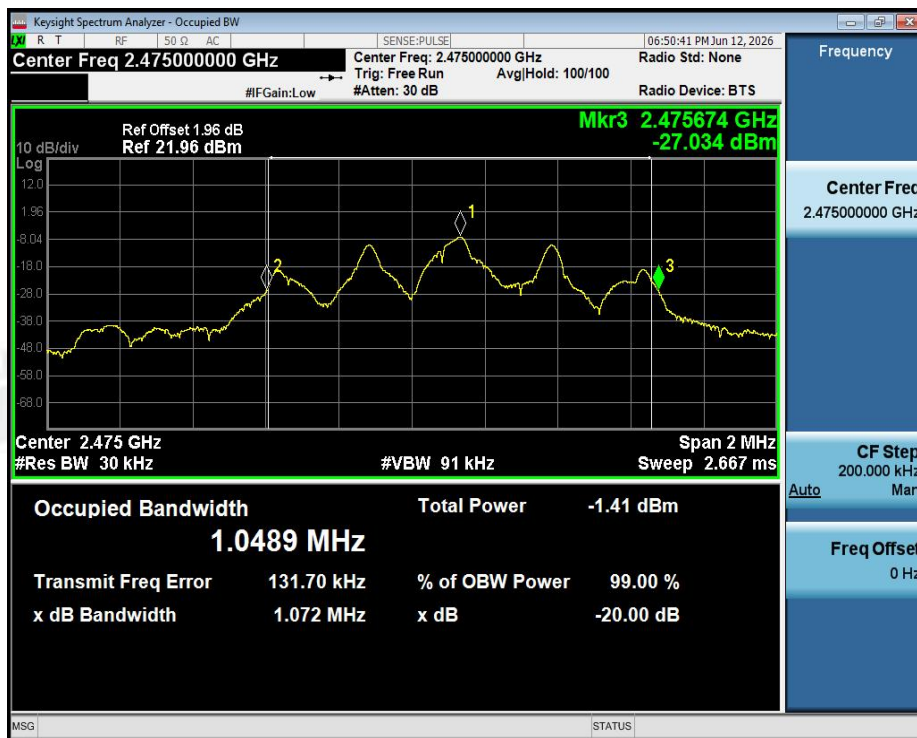
Frequency (MHz)	99% OBW (MHz)	-20dB OBW (MHz)
2405	1.0459	1.073
2440	1.0465	1.070
2475	1.0489	1.072



OBW NVNT 2405MHz



OBW NVNT 2440MHz



OBW NVNT 2480MHz



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.



6. TEST SETUP & EUT PHOTOGRAPH

Please see the attachment for details.

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