



Test Report

Date : 2026-06-01

No. : HP26040818

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Applicant : Shantou Chenghai Huabo Smart Living Technology Co., Ltd.
Chengjiang Road, Dutou Village, Shanghua Town,
Chenghai District, Shantou City, Guangdong Province,
P.R.China

Description of Sample(s) : Submitted sample(s) said to be
Product: Radio Controlled Robo Cat
Brand Name: N/A
Model No.: 6602-1

Date Samples Received : 2026-05-20

Date Tested : 2026-05- 22 to 2026-05-28

Statement : The measurements and test results shown in this test report were made in accordance with the procedures and found in compliance with the limit given in Item 19 of Article 2 Paragraph 1, MIC Notice No.88 Appendix No.43. The test equipment used to perform the test is calibrated and traceable to International system of units (SI) or other recognized National metrology institute.

Remarks : 2.4GHz wireless (GFSK)
Remote Controller (Transmitter)

A red circular stamp with the STC logo in the center and the text 'THE HONG KONG STANDARDS AND TESTING CENTRE LIMITED' around the perimeter. Overlaid on the stamp is a handwritten signature in black ink that reads 'Brian Chan'.

Dr. CHAN Kwok Hung, Brian
Authorized Signatory

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1.0 General Details

1.1 Equipment Under Test [EUT] Description of Sample(s)

Submitted sample(s) said to be

Product:

Manufacturer:

Remote Controller of Radio Controlled Robo Cat
Shantou Chenghai Huabo Smart Living Technology Co., Ltd.
Chengjiang Road, Dutou Village, Shanghua Town,
Chenghai District, Shantou City, Guangdong Province,
P.R.China

Brand Name:

N/A

Model Number:

6602-1

Rating:

3V (1.5V AA size battery X 2)

1.2 Date of Order

2026-05-04

1.3 Submitted Sample(s):

1 Sample

1.4 Test Duration

2026-05-22 to 2026-05-28

1.5 Country of Origin

China

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1.6 RF Module Details

Frequency Range:	2403-2477MHz	
Channel Number:	75	
Modulation:	GFSK	
Duty Cycle:	Up to 100%	
ID Code:		
Operating mode:	Continuous	
Power Source:		Input voltage
	Voltage (nom):	3V D.C.
	Extreme high:	3.3V D.C.
	Extreme low:	2.7V D.C.

Remark:

--

1.7 Antenna Details

Antenna Type: Wire Antenna
Antenna Gain: 0 dBi

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2.0 Technical Details

2.1 Table for Carrier Frequencies

Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)
0	2403	21	2424	42	2445	63	2466
1	2404	22	2425	43	2446	64	2467
2	2405	23	2426	44	2447	65	2468
3	2406	24	2427	45	2448	66	2469
4	2407	25	2428	46	2449	67	2470
5	2408	26	2429	47	2450	68	2471
6	2409	27	2430	48	2451	69	2472
7	2410	28	2431	49	2452	70	2473
8	2411	29	2432	50	2453	71	2474
9	2412	30	2433	51	2454	72	2475
10	2413	31	2434	52	2455	73	2476
11	2414	32	2435	53	2456	74	2477
12	2415	33	2436	54	2457		
13	2416	34	2437	55	2458		
14	2417	35	2438	56	2459		
15	2418	36	2439	57	2460		
16	2419	37	2440	58	2461		
17	2420	38	2441	59	2462		
18	2421	39	2442	60	2463		
19	2422	40	2443	61	2464		
20	2423	41	2444	62	2465		

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2.2 Test Standards and Results Summary Tables

Applied Standard: Item 19 of Article 2 Paragraph 1				
Clause	Description of Test	Test Result		
		Pass	Fail	N/A
3.2(2)	Antenna Power	☒	☐	☐
3.2(3)	Tolerances for Antenna Power	☒	☐	☐
3.2(4)	Frequency Tolerance	☒	☐	☐
3.2(7)	Occupied Frequency Bandwidth	☒	☐	☐
3.2(6)	Spurious Emissions	☒	☐	☐
3.3(1)	Secondary Radiated Emission	☒	☐	☐

Test Items	Uncertainty	Remark
99% & 90% Bandwidth	± 0.8 dB	Confidence levels of 95%
Frequency Tolerance	$\pm 8.5 \times 10^{-8}$	Confidence levels of 95%
Antenna Power	± 0.6 dB	Confidence levels of 95%
TX-RX Spurious Emissions	± 0.5 dB	Confidence levels of 95%
Temperature	$\pm 0.7^{\circ}\text{C}$	Confidence levels of 95%
Humidity	$\pm 3.2\%$	Confidence levels of 95%
DC/AC Power Source	$\pm 1.4\%$	Confidence levels of 95%

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2.3 Table for Test Modes

Preliminary tests were performed in different data rate to find the worst radiated emission. The data rate shown in the table below is the worst case rate with respect to the specific test item.

Investigation has been done on all the possible configurations for searching the worst cases.

The following table is a list of the test modes shown in this test report.

Test Items	Mode	Data Rate	Channel
Frequency Error	Un-modulation	-	0 / 37 / 74
Occupied Bandwidth (99%)	GFSK	-	0 / 37 / 74
Unwanted Emission Intensity	GFSK	-	0 / 37 / 74
Antenna Power Error	GFSK	-	0 / 37 / 74
Limitation of Emission of Receiver	GFSK	-	0 / 37 / 74
Radio Interference Prevention Capability	GFSK	-	0 / 37 / 74

Test frequency:

Lowest Channel Frequency: 2403MHz (Channel 0)

Middle Channel Frequency: 2440MHz (Channel 37)

Highest Channel Frequency: 2477MHz (Channel 74)

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3.0 Test Results

3.1 Antenna Power and Tolerances for Antenna Power

Ambient temperature 25°C

Relative humidity 52%

3.1.1 Limit

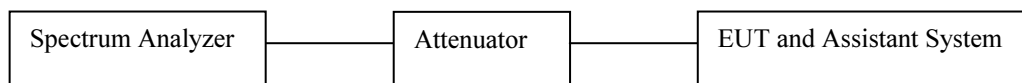
Item	Limits
Antenna Power Density	$\leq 3\text{mW/MHz}$ (FH from 2427 – 2470.75MHz) $\leq 10\text{mW/MHz}$ (OFDM, DS from 2400 – 2483.5MHz) $\leq 10\text{mW}$ (Other from 2400 – 2483.5MHz)
Tolerances for Antenna Power	+20%, -80% (Base on manufacture declare antenna power density)

3.1.2 Test Procedures

- (1) Connect each EUT's antenna output to power sensor by RF cable and attenuator.
- (2) For adaptive equipment, the measurement duration shall be long enough to ensure a minimum number of bursts (at least 10) is captured.

Note: The cable loss and attenuator loss have been put into spectrum analyzer as amplitude offset.

3.1.3 Test Setup



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3.1.4 Test Result: Pass

	Frequency (MHz)	Measured		Tolerances (%)	Declared power (mW)	Limit (mW)
		dBm	mW			
3V D.C.	2403	2.76	1.89	-5.5	2	10
	2440	2.55	1.80	-10	2	10
	2477	2.26	1.68	-16	2	10
2.7V D.C.	2403	2.45	1.76	-12	2	10
	2440	2.24	1.67	-16.5	2	10
	2477	1.95	1.57	-21.5	2	10
3.3V D.C.	2403	2.91	1.95	-2.5	2	10
	2440	2.70	1.86	-7	2	10
	2477	2.42	1.75	-12.5	2	10

Remark : Declared power : 3dBm (2mW)

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3.2 Frequency Tolerance

3.2.1 Limit

Ambient temperature 25°C

Relative humidity 52%

Item	Limits
Frequency Tolerance	+/- 50*10 ⁻⁶ or less 50ppm

3.2.2 Test Procedures

(1) Connected the EUT's antenna port to the Spectrum Analyzer by suitable attenuator, set the Spectrum Analyzer as below:

Centre Frequency: The centre frequency of the channel under test

Resolution BW: 10 kHz

Video BW: 10 kHz

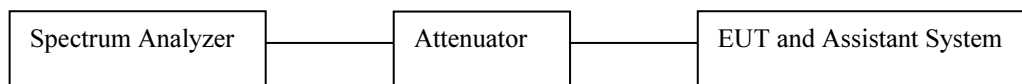
Span Frequency: 500KHz

Detector: Peak

Trace Mode: Max Hold

(2) When the trace is complete, find the peak value of the power envelope and record the frequency.

3.2.3 Test Setup



3.2.4 Test Result: PASS

Mode	Frequency (MHz)	Result			Limit (ppm)
		Measured (MHz)	Tolerance (kHz)	Tolerance (ppm)	
TX mode (3V D.C.)	2403	2402.988420	-11.58	-4.75	≤50
	2440	2439.988420	-11.58	-4.75	≤50
	2477	2476.987700	-12.30	-5.04	≤50
TX mode (2.7V D.C..)	2403	2402.988420	-11.58	-4.75	≤50
	2440	2439.988420	-11.58	-4.75	≤50
	2477	2476.987700	-12.30	-5.04	≤50
TX mode (3.3V D.C.)	2403	2402.988420	-11.58	-4.75	≤50
	2440	2439.988420	-11.58	-4.75	≤50
	2477	2476.987700	-12.3	-5.04	≤50

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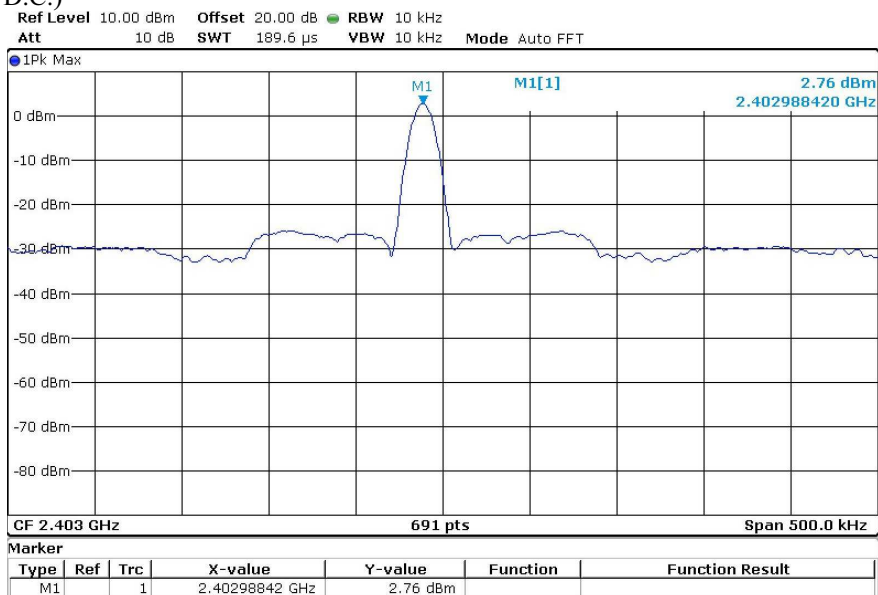


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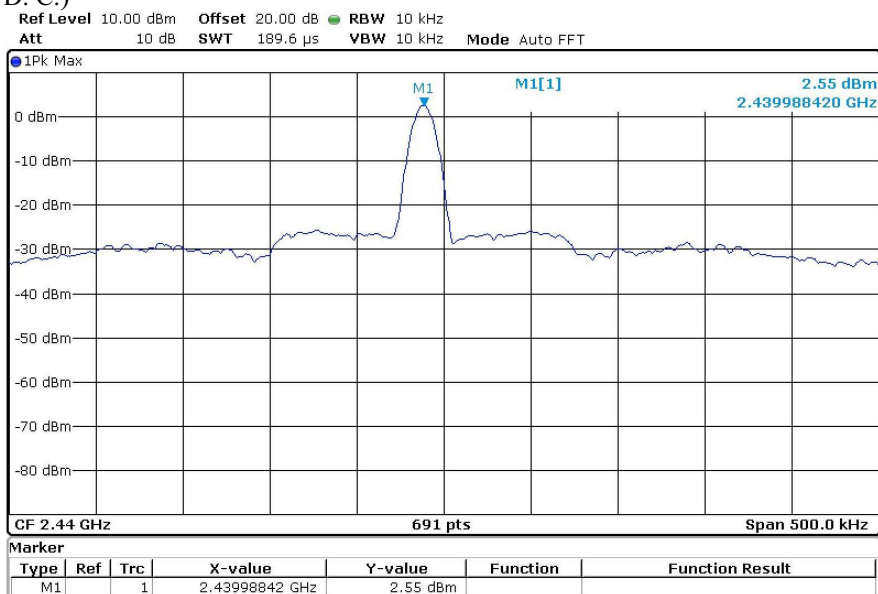
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2403MHz(3V D.C.)



2440MHz(3V D. C.)



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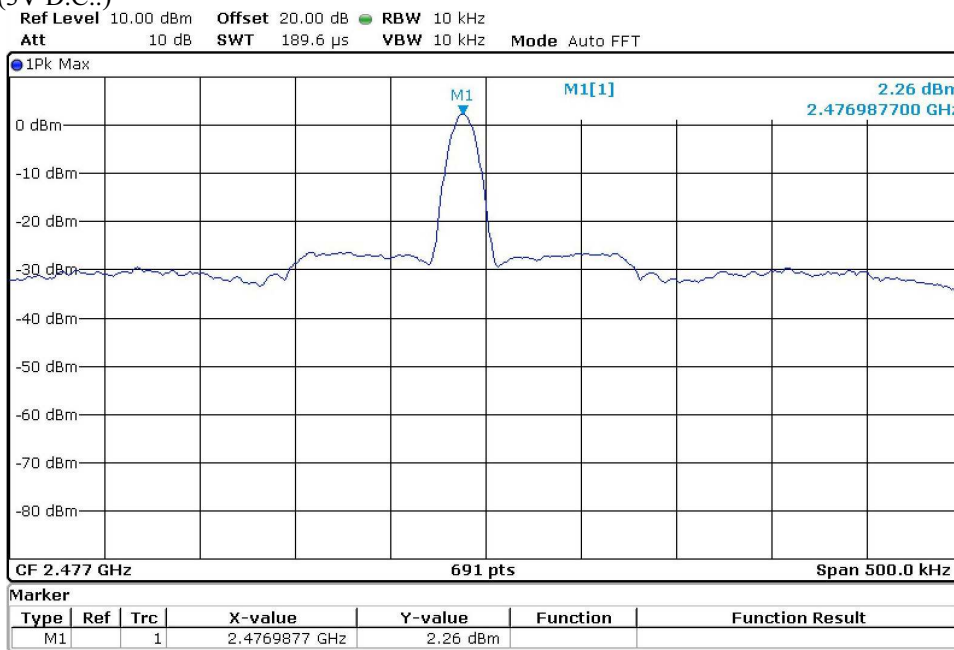


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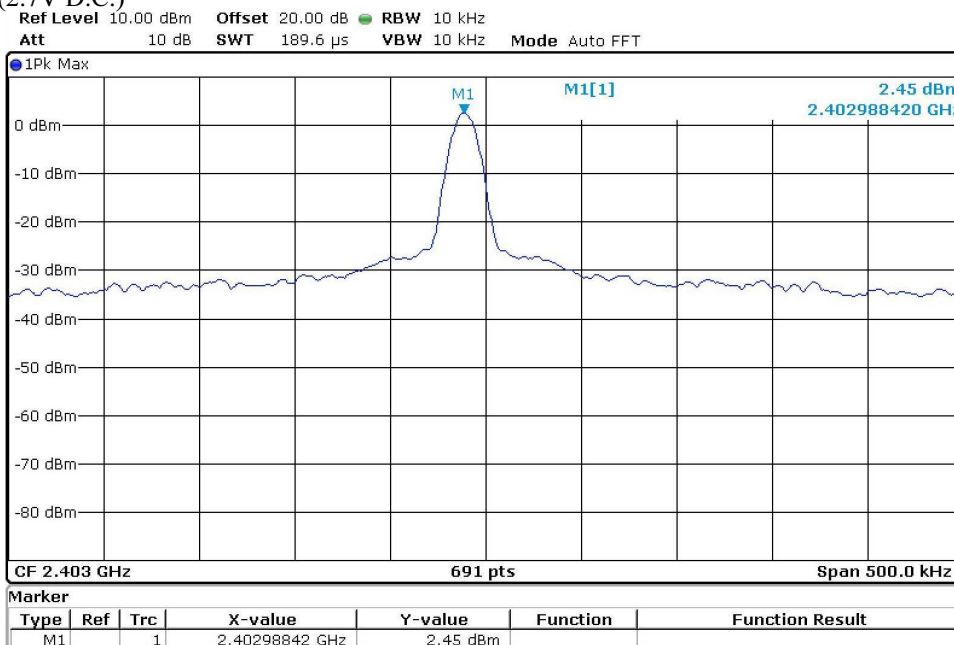
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2477MHz(3V D.C.)



2403MHz(2.7V D.C.)



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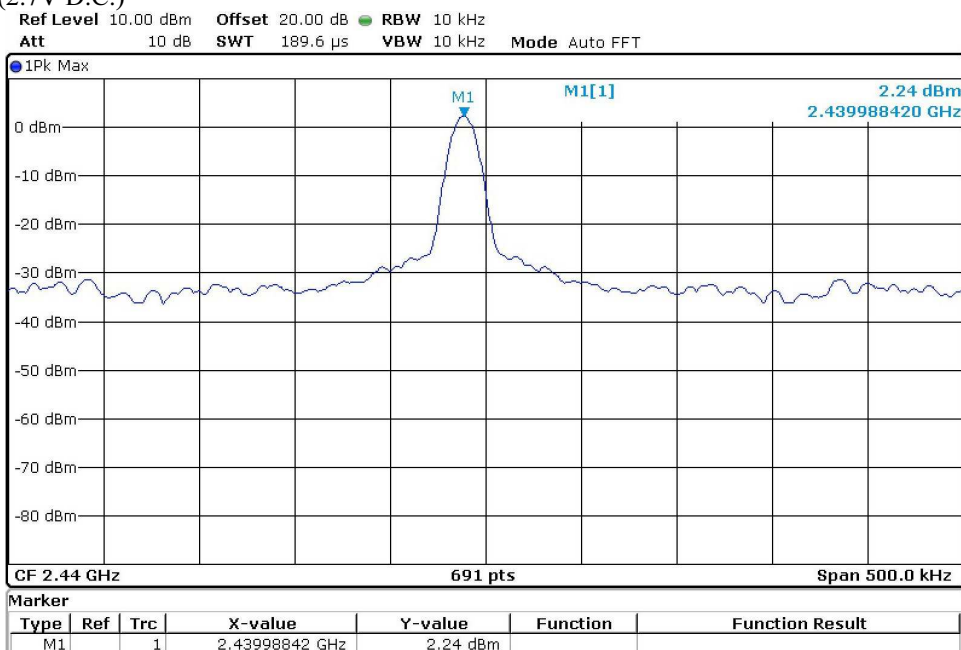
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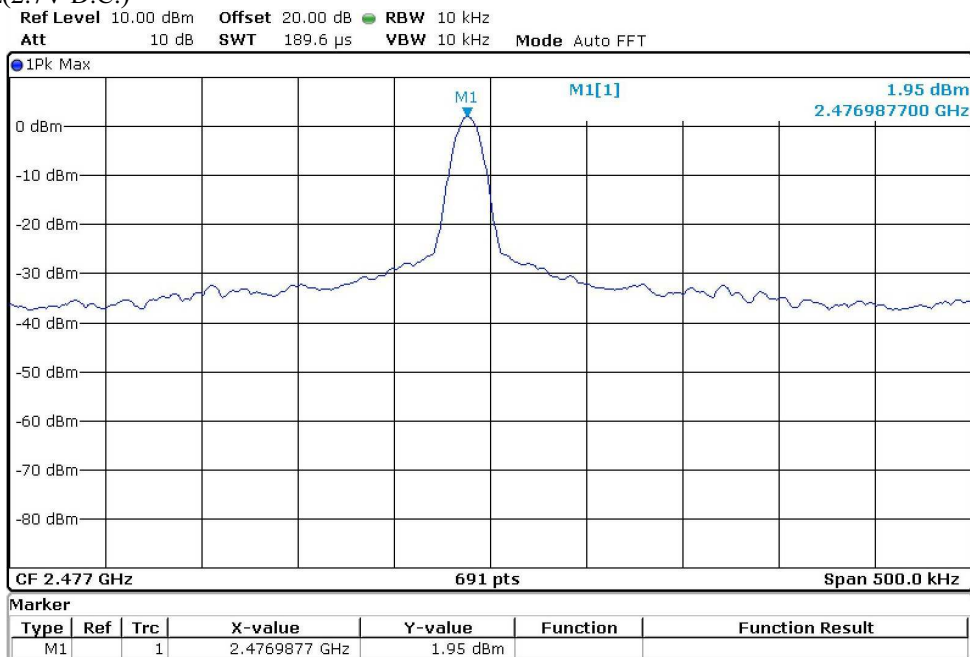
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2440MHz(2.7V D.C.)



2477MHz(2.7V D.C.)



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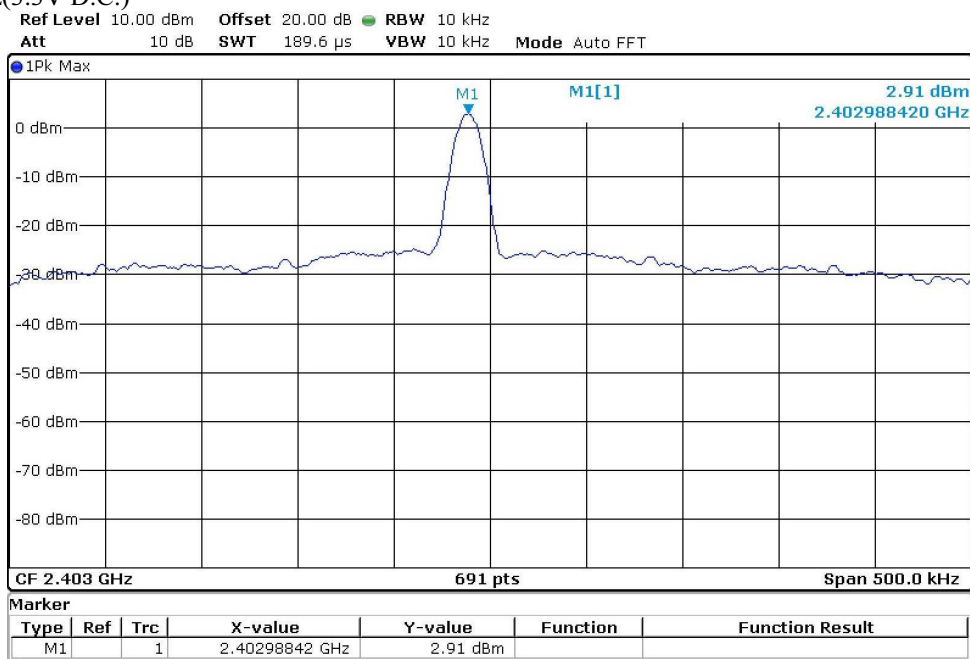


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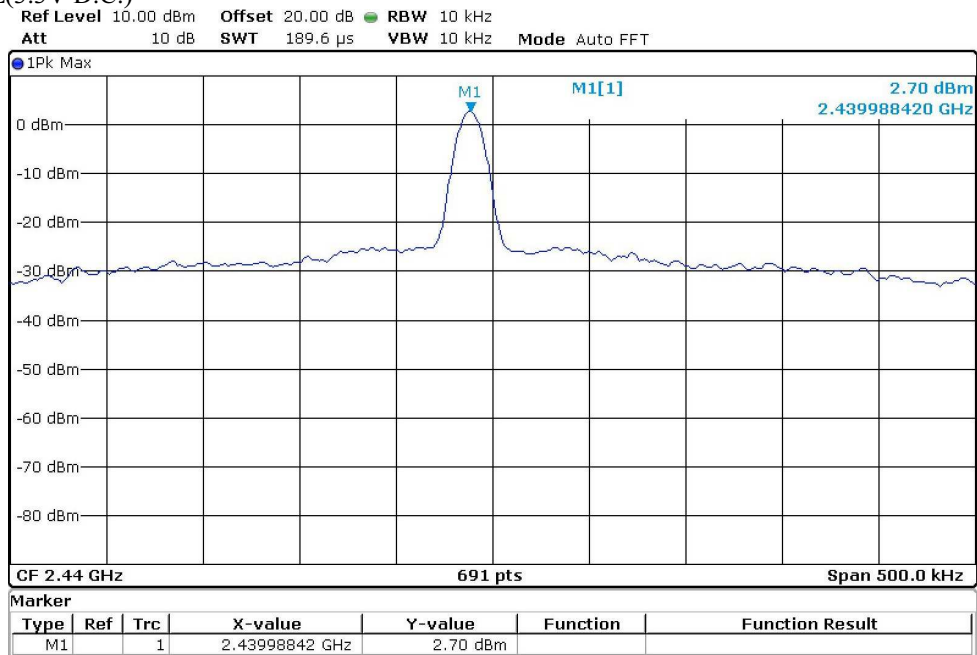
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2403MHz(3.3V D.C.)



2440MHz(3.3V D.C.)



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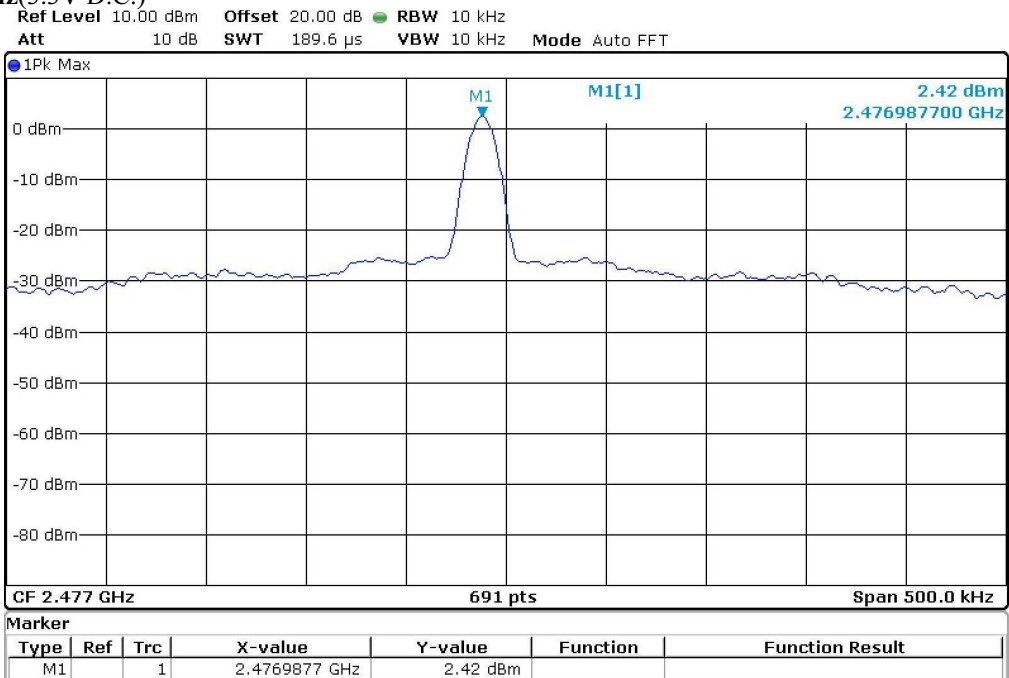


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2477MHz(3.3V D.C.)



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3.3 Occupied Frequency Bandwidth

Ambient temperature 25°C

Relative humidity 52%

3.3.1 Limit

Permissible value for occupied bandwidth using the FH system, a hybrid system combining DS and FH systems, or a hybrid system combining FH and OFDM systems shall be 83.5 MHz or less, while necessary bandwidth (minimum occupied bandwidth sufficient to ensure information transmission of required quality at a required transmission rate for the system used under specified conditions for a given emission type) using a system other than any of the above shall be 26 MHz or less.

3.3.2 Test Procedures

(1) Connected the EUT's antenna port to the Spectrum Analyzer by suitable attenuator, set the Spectrum Analyzer as below:

Centre Frequency: The centre frequency of the channel under test

Hopping off:

Resolution BW: 30 kHz

Video BW: 30 kHz

Hopping on:

Resolution BW: 1MHz

Video BW: 1MHz

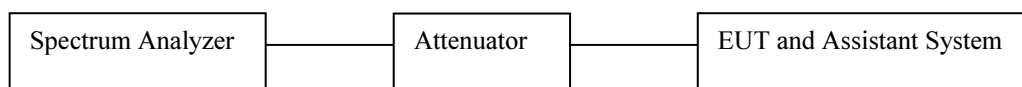
Span: Wide enough to cover the complete power envelope of the signal of the EUT

Detector: Peak

Trace Mode: Max Hold

(2) When the trace is complete, measure the occupied bandwidth (99% bandwidth) with spectrum analyzer's bandwidth measure function.

3.3.3 Test Setup



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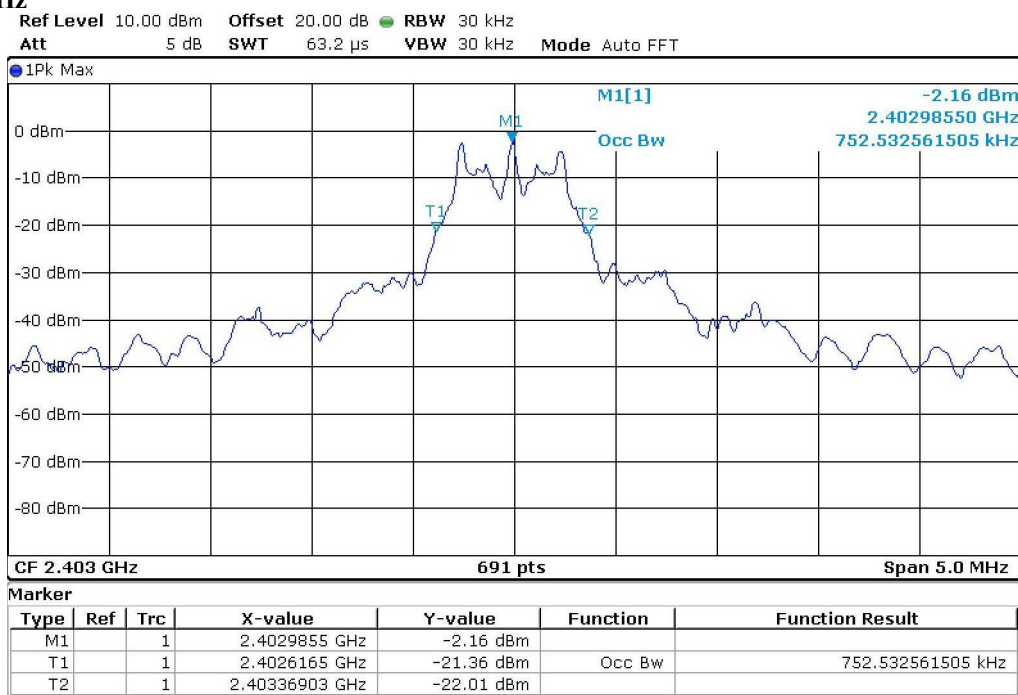
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3.3.4 Test Result: PASS

	Frequency (MHz)	Result (MHz)	Limit (MHz)
GFSK (3V D.C.)	2403	0.752533	26
	2440	0.752533	
	2477	0.738061	
GFSK (2.7V D. C.)	2403	0.738061	26
	2440	0.723589	
	2477	0.730825	
GFSK (3.3V D.C.)	2403	0.803184	26
	2440	0.774240	
	2477	0.767004	

GFSK(3V D.C.)

2403MHz



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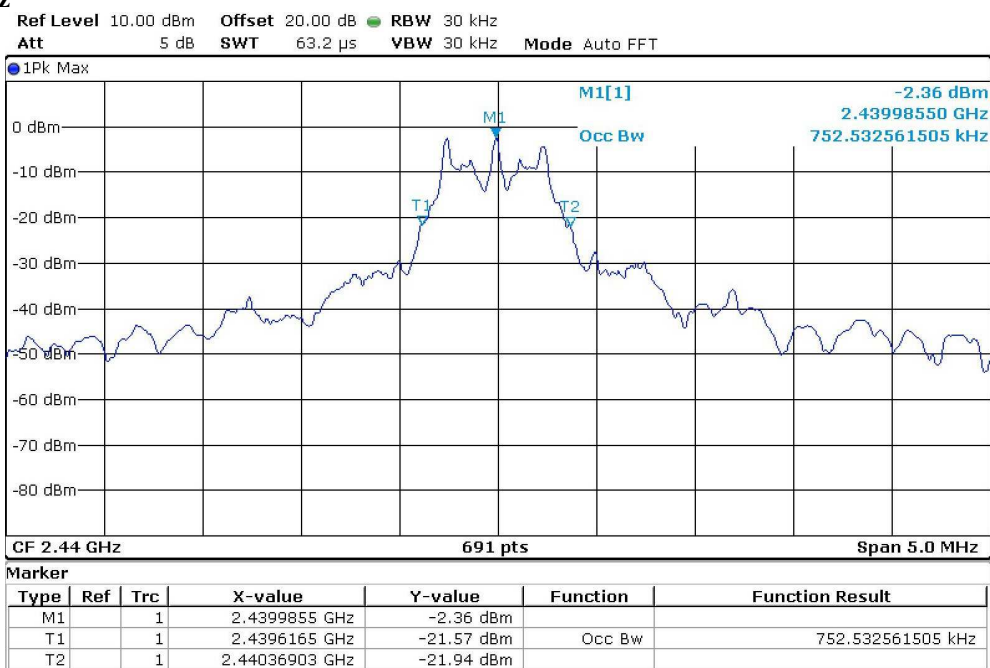


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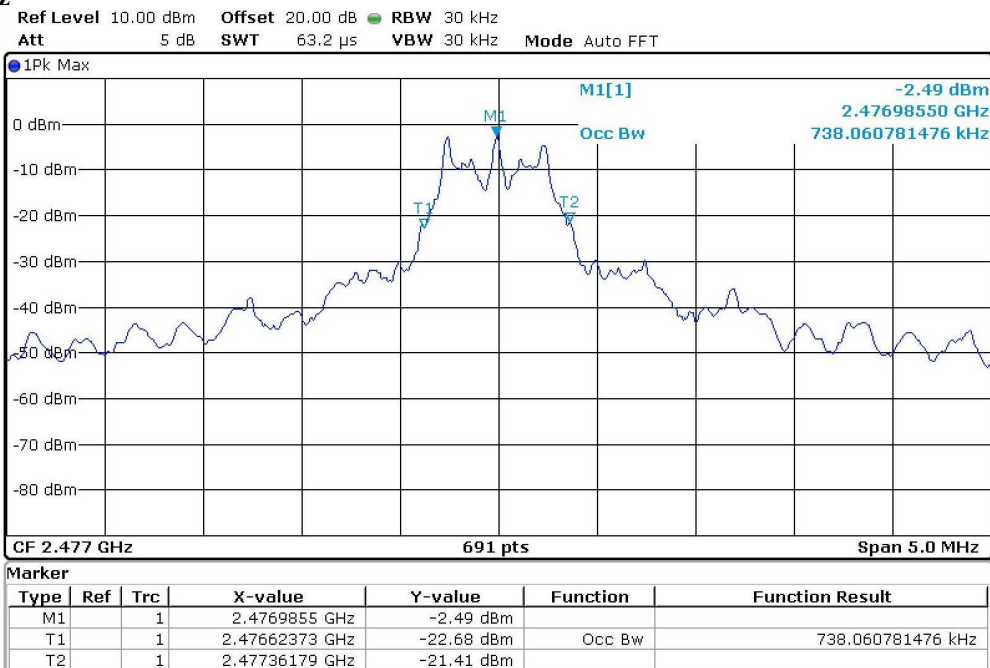
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GFSK(3V D.C.)
2440MHz



GFSK(3V D.C.)
2477MHz



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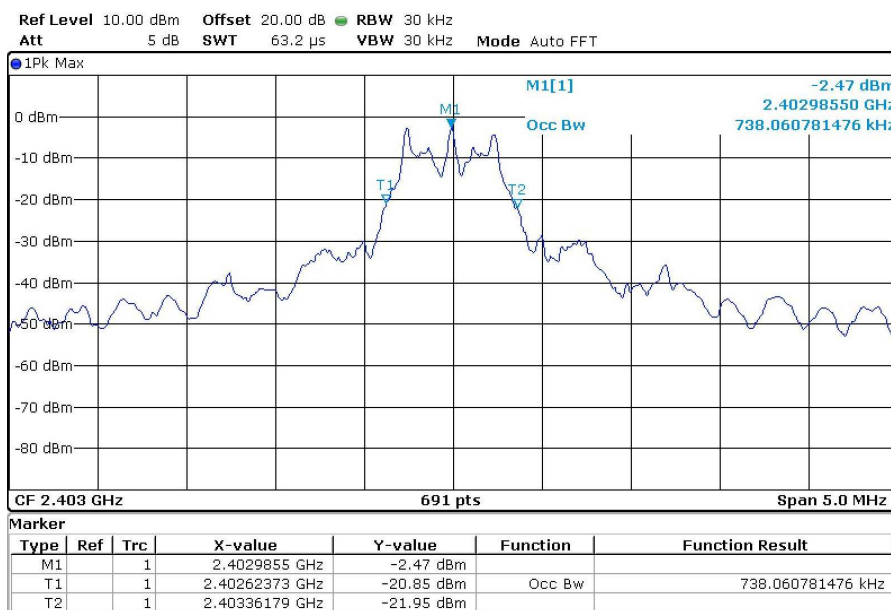


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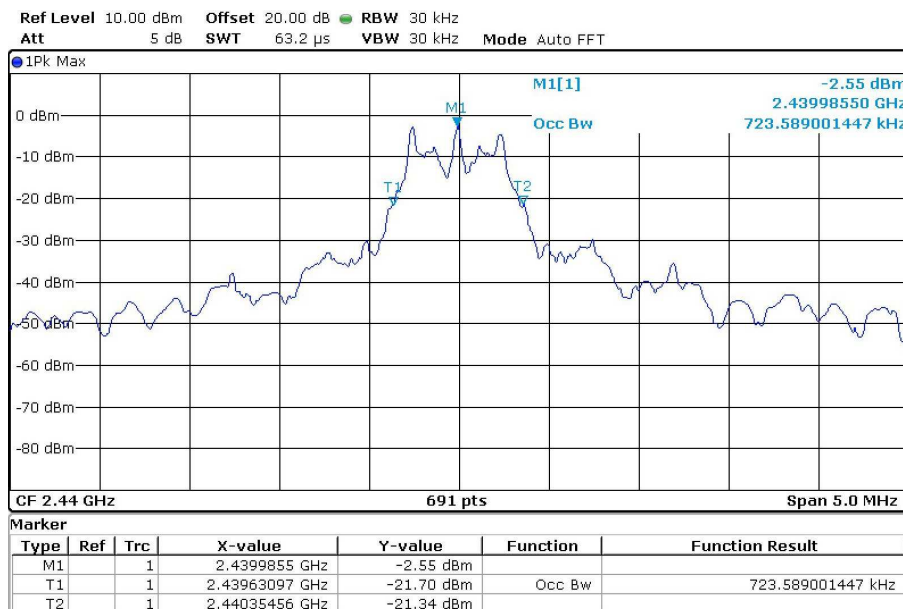
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GFSK(2.7V D.C.)
2403MHz



GFSK(2.7V D.C.)
2440MHz



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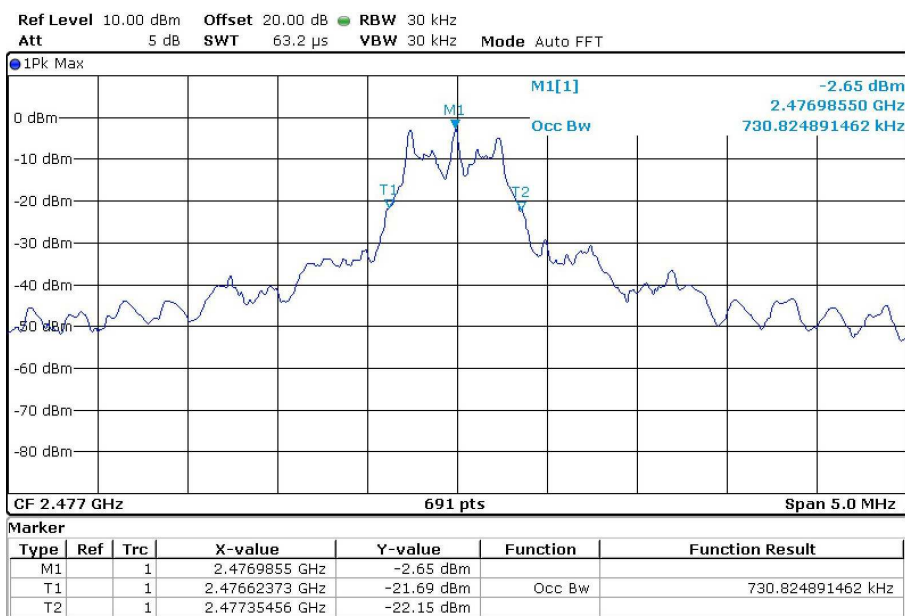


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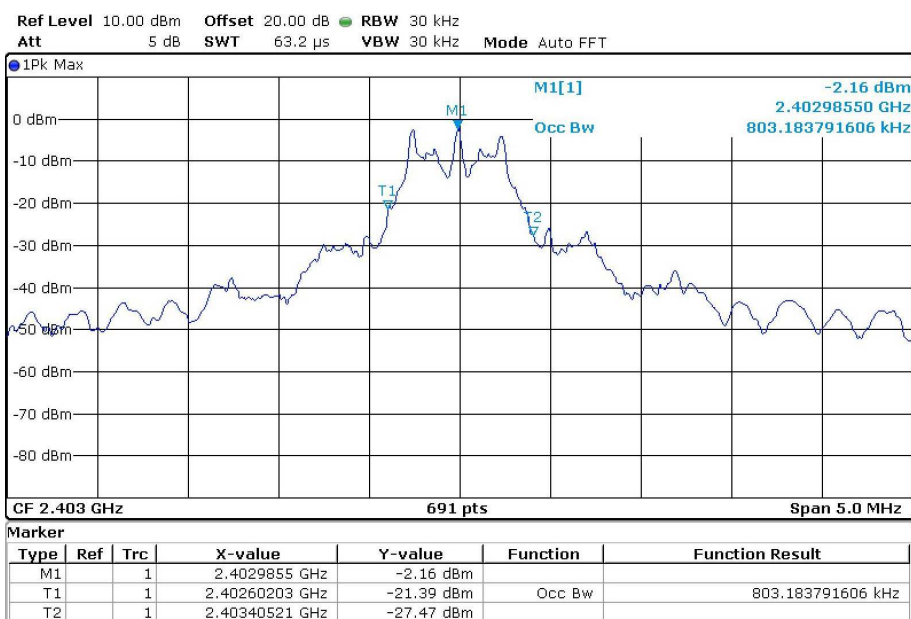
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GFSK(2.7V D.C.)
2477MHz



GFSK(3.3V D.C.)
2403MHz



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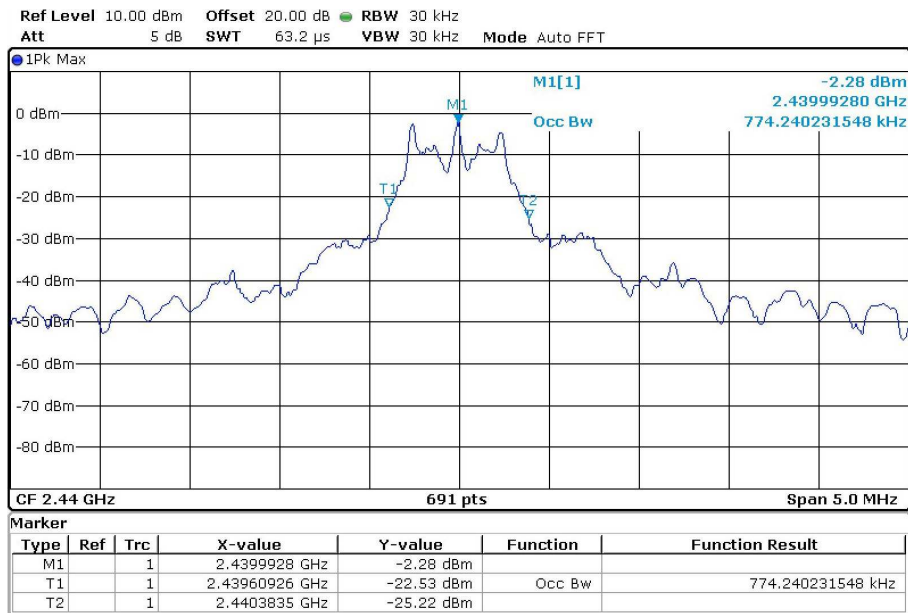
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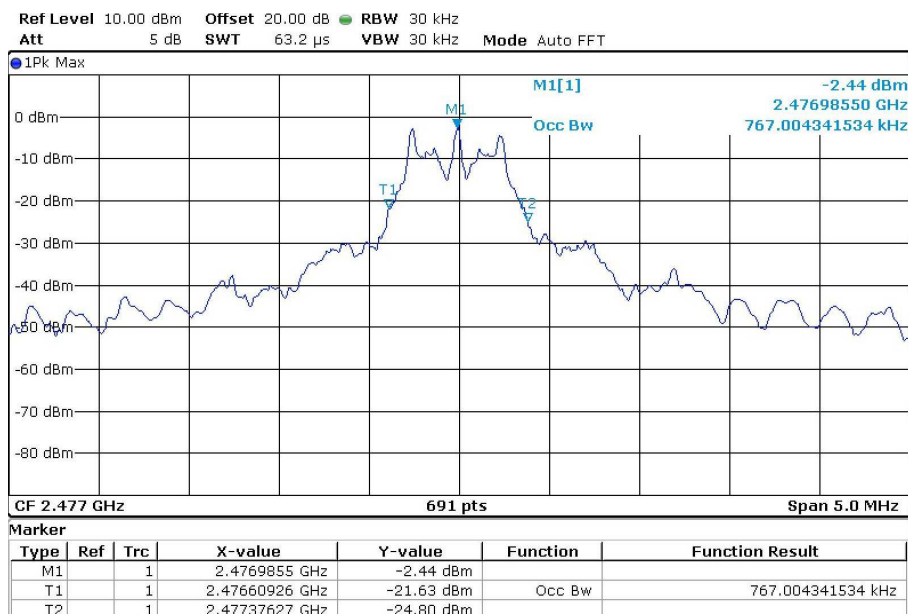
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GFSK(3.3V D.C.)
2440MHz



GFSK(3.3V D.C.)
2477MHz



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3.4 Transmitter Spurious Emissions (conducted)

Ambient temperature 25°C

Relative humidity 52%

3.4.1 Limit

Permissible mean power of spurious emission of each frequency supplied to a feeder, that is, mean power of spurious emission in the 1 MHz bandwidth at frequency f other than frequency band used shall be as follows:

- a. $2,387\text{MHz} \leq f \leq 2,400\text{MHz}$ and $2,483.5\text{MHz} < f \leq 2,496.5\text{MHz}$ 25 μW or less
- b. $2,387\text{MHz} > f$ and $2,496.5\text{MHz} < f$ 2.5 μW or less

3.4.2 Test Procedures

(1) Connected the EUT's antenna port to the Spectrum Analyzer by suitable attenuator, set the Spectrum Analyzer as below:

Below 1GHz

Resolution BW: 100kHz

Video BW: 100kHz

Detector: Peak

Trace Mode: Max Hold

Over 1GHz

Resolution BW: 1MHz

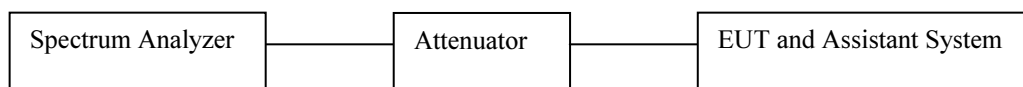
Video BW: 1MHz

Detector: Peak

Trace Mode: Max Hold

(2) All the emissions from 30MHz to 13GHz were measured and record.

3.4.3 Test Setup



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3.4.4 Test Result: PASS

GFSK(3V D.C.)

Test Frequency (MHz)	Frequency Range (MHz)	Fre(GHz)	Result (dBm)	Limit
2403	30-1000	N/A	N/A	$\leq 2.5\mu\text{W}(-26\text{dbm})$
	1000-2387	2.386894	-38.49	
	2387-2400	N/A	-N/A	
	2483.5-2496.5	N/A	N/A	$\leq 25\mu\text{W}(-16\text{dbm})$
		N/A	N/A	
	2496.5-13000	4.80594	-41.84	$\leq 2.5\mu\text{W}(-26\text{dbm})$
		N/A	N/A	
		N/A	N/A	
2440	30-1000	N/A	N/A	$\leq 2.5\mu\text{W}(-26\text{dbm})$
	1000-2387	N/A	N/A	
	2387-2400	N/A	N/A	
	2483.5-2496.5	N/A	N/A	$\leq 25\mu\text{W}(-16\text{dbm})$
		N/A	N/A	
	2496.5-13000	4.88019	-42.28	$\leq 2.5\mu\text{W}(-26\text{dbm})$
		N/A	N/A	
		N/A	N/A	
2477	30-1000	N/A	N/A	$\leq 2.5\mu\text{W}(-26\text{dbm})$
	1000-2387	N/A	N/A	
	2387-2400	N/A	N/A	
	2483.5-2496.5	2.493391	-37.98	$\leq 25\mu\text{W}(-16\text{dbm})$
	2496.5-13000	4.95406	-43.10	
		N/A	N/A	$\leq 2.5\mu\text{W}(-26\text{dbm})$
		N/A	N/A	

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GFSK(2.7V D.C.)

Test Frequency (MHz)	Frequency Range (MHz)	Fre(GHz)	Result (dBm)	Limit
2403	30-1000	N/A	N/A	$\leq 2.5\mu\text{W}(-26\text{dbm})$
	1000-2387	N/A	N/A	
	2387-2400	2387.27	-38.49	$\leq 25\mu\text{W}(-16\text{dbm})$
	2483.5-2496.5	N/A	N/A	
	2496.5-13000	4.80632	-40.19	$\leq 2.5\mu\text{W}(-26\text{dbm})$
		N/A	N/A	
2440	30-1000	N/A	N/A	$\leq 2.5\mu\text{W}(-26\text{dbm})$
	1000-2387	N/A	N/A	
	2387-2400	N/A	N/A	$\leq 25\mu\text{W}(-16\text{dbm})$
	2483.5-2496.5	N/A	N/A	
	2496.5-13000	4.88019	-40.72	$\leq 2.5\mu\text{W}(-26\text{dbm})$
		N/A	N/A	
2477	30-1000	N/A	N/A	$\leq 2.5\mu\text{W}(-26\text{dbm})$
	1000-2387	N/A	N/A	
	2387-2400	N/A	N/A	$\leq 25\mu\text{W}(-16\text{dbm})$
	2483.5-2496.5	2.493391	-38.57	
	2496.5-13000	4.95406	-41.34	$\leq 2.5\mu\text{W}(-26\text{dbm})$
		N/A	N/A	

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GFSK(3.3V D.C.)

Test Frequency (MHz)	Frequency Range (MHz)	Fre(GHz)	Result (dBm)	Limit
2403	30-1000	N/A	N/A	$\leq 2.5\mu\text{W}(-26\text{dbm})$
	1000-2387	N/A	N/A	
	2387-2400	N/A	N/A	
	2483.5-2496.5	N/A	N/A	$\leq 25\mu\text{W}(-16\text{dbm})$
	2496.5-13000	4.805944	-42.99	$\leq 2.5\mu\text{W}(-26\text{dbm})$
		N/A	N/A	
		N/A	N/A	
2440	30-1000	N/A	N/A	$\leq 2.5\mu\text{W}(-26\text{dbm})$
	1000-2387	N/A	N/A	
	2387-2400	N/A	N/A	
	2483.5-2496.5	N/A	N/A	$\leq 25\mu\text{W}(-16\text{dbm})$
	2496.5-13000	4.87981	-43.88	$\leq 2.5\mu\text{W}(-26\text{dbm})$
		N/A	N/A	
		N/A	N/A	
2477	30-1000	N/A	N/A	$\leq 2.5\mu\text{W}(-26\text{dbm})$
	1000-2387	N/A	N/A	
	2387-2400	N/A	N/A	
	2483.5-2496.5	2.493391	-38.47	$\leq 25\mu\text{W}(-16\text{dbm})$
	2496.5-13000	4.95444	-44.20	$\leq 2.5\mu\text{W}(-26\text{dbm})$
		N/A	N/A	

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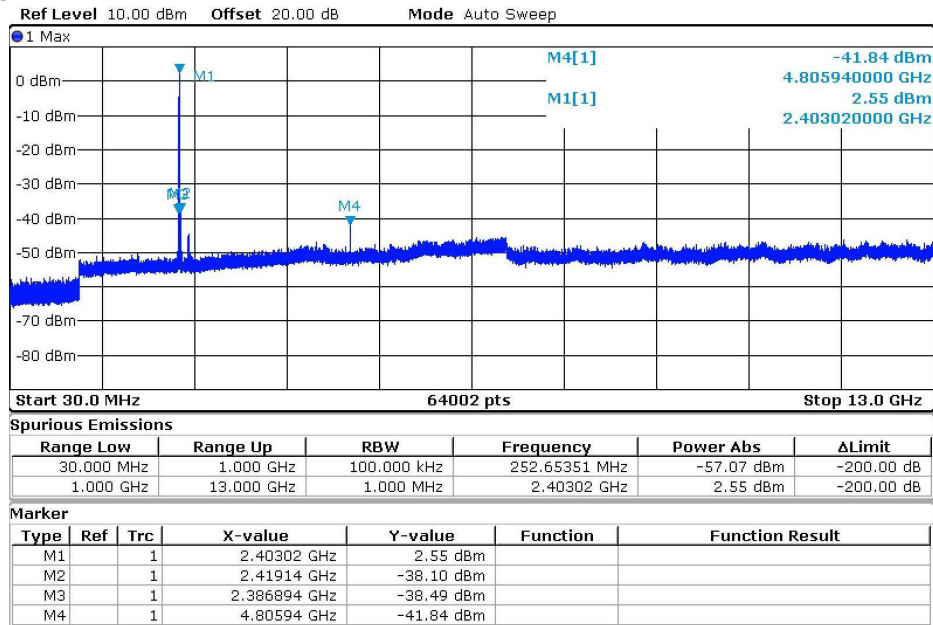


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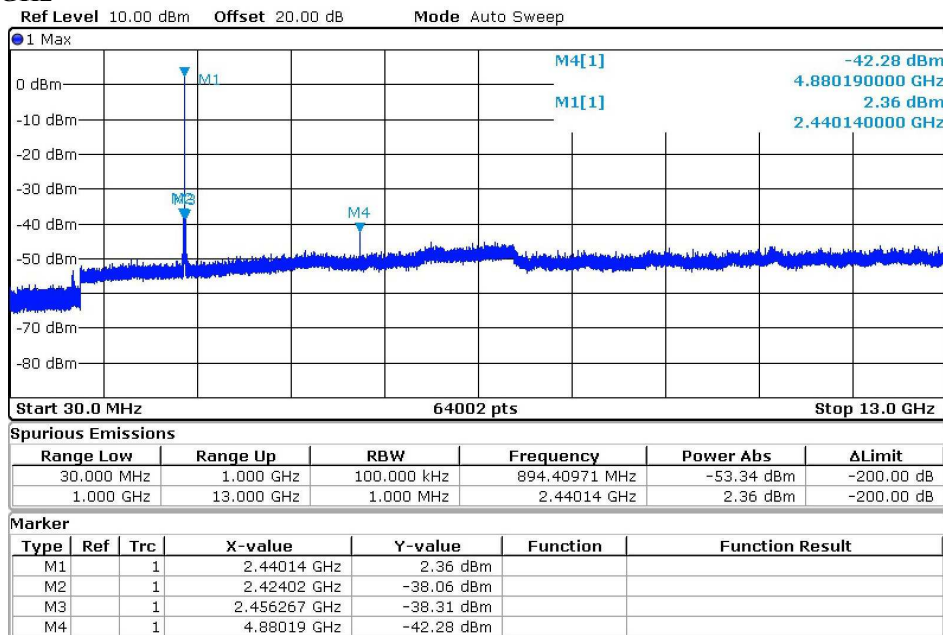
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Lowest Channel (2403MHz) GFSK (3V D.C.) 30MHz-13GHz



Middle Channel (2440MHz) GFSK (3V D.C.) 30MHz-13GHz



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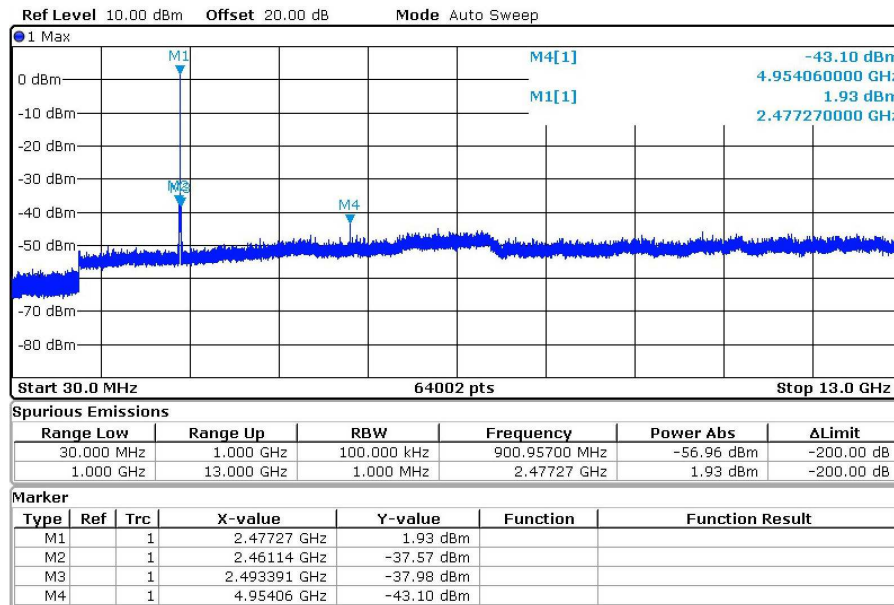


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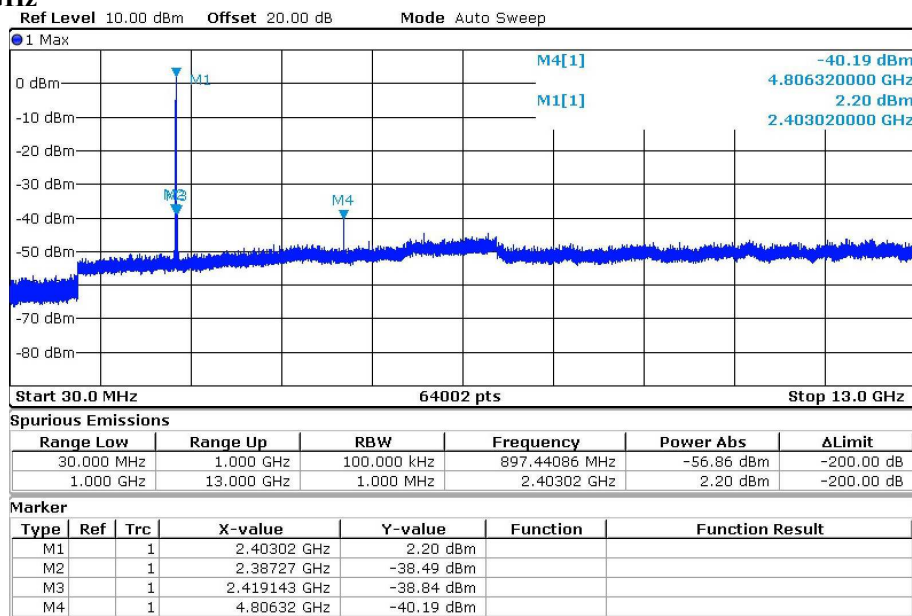
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High Channel (2477MHz) GFSK (3V D.C.) 30MHz-13GHz



Middle Channel (2403MHz) GFSK (2.7 V D.C.) 30MHz-13GHz



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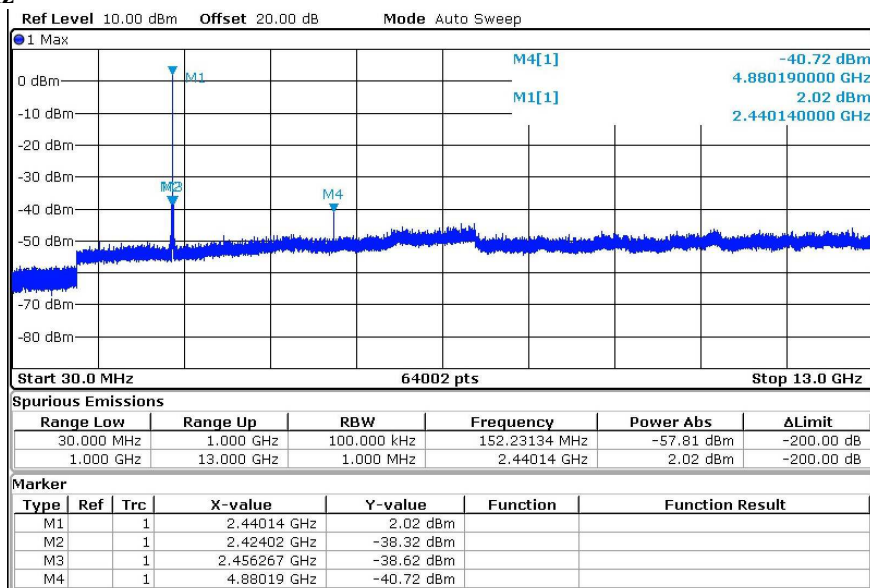


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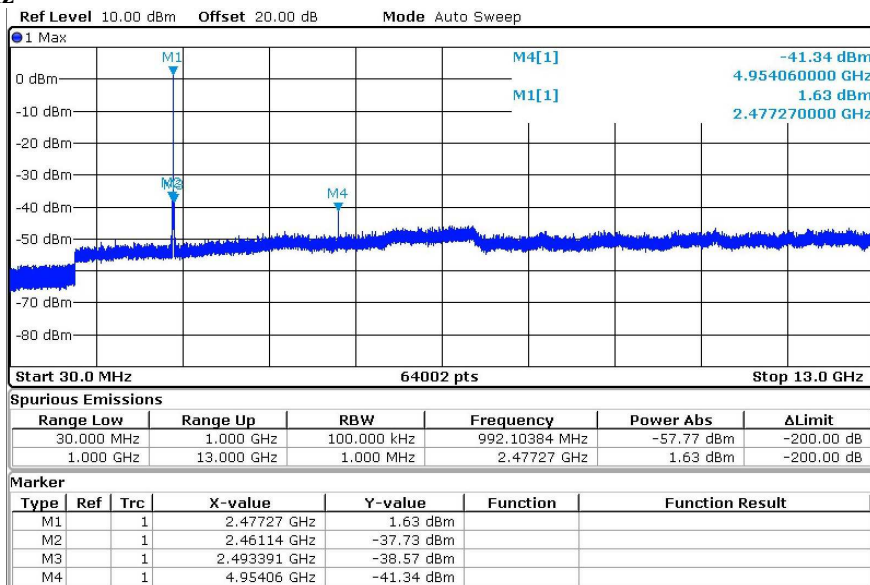
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Middle Channel (2440MHz) GFSK (2.7 V D.C.) 30MHz-13GHz



High Channel (2477MHz) GFSK (2.7V D.C.) 30MHz-13GHz



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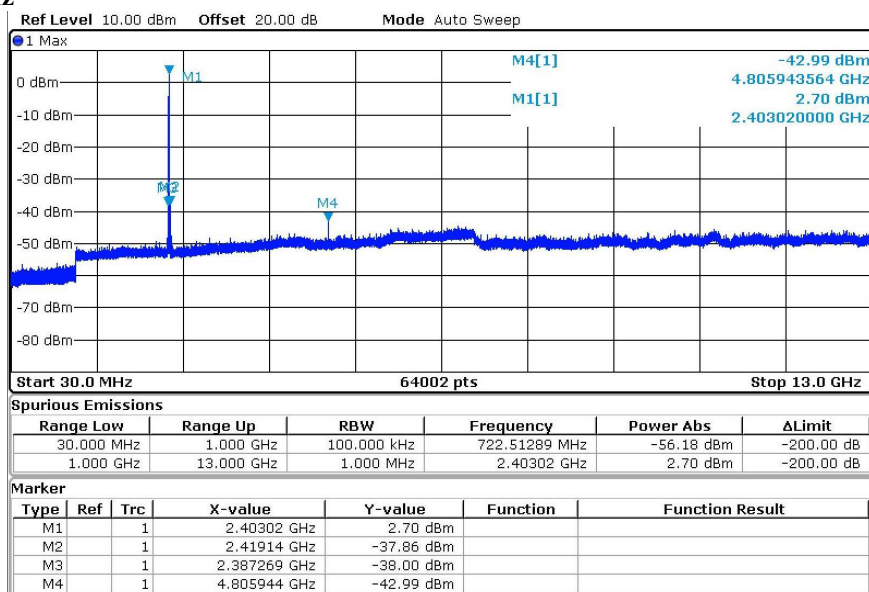


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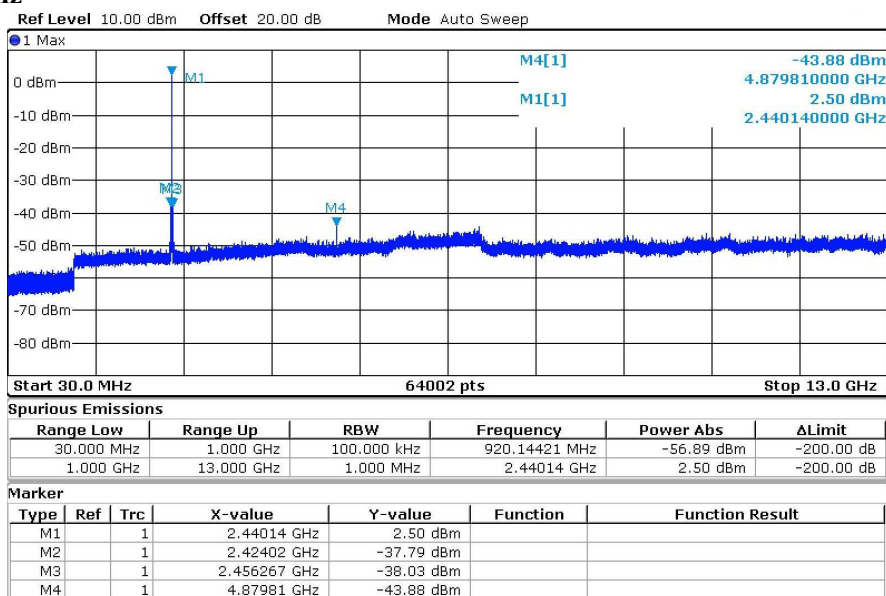
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Lowest Channel (2403MHz) GFSK (3.3 V D.C.) 30MHz-13GHz



Middle Channel (2440MHz) GFSK (3.3V D.C.) 30MHz-13GHz



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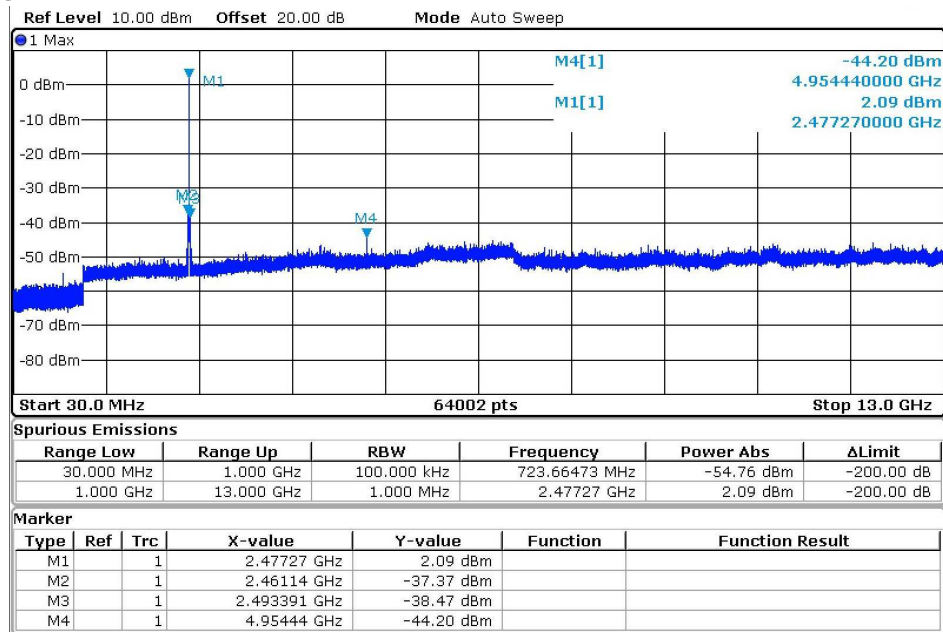


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High Channel (2477MHz) GFSK(3.3V D.C.)
30MHz-13GHz



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3.5 Secondary Radiated Emissions

Ambient temperature 25°C

Relative humidity 51%

3.5.1 Limit

The limit on secondary emissions radiated from the receiving equipment within which the function of other radio equipment will not be impaired shall be, in terms of the power of a dummy antenna circuit that has the same electrical constant as the receiving antenna, 4 nW or less at a frequency below 1 GHz and 20 nW or less at a frequency of 1 GHz or higher as measured using the circuit.

3.5.2 Test Procedures

(1) Connected the EUT's antenna port to the Spectrum Analyzer by suitable attenuator, set the Spectrum Analyzer as below:

Resolution BW: 100 kHz for frequency below 1GHz and 1MHz for frequency above 1GHz

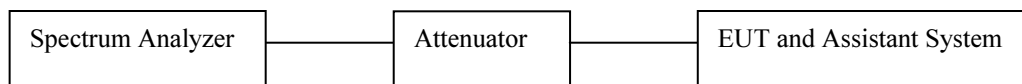
Video BW: 100 kHz for frequency below 1GHz and 1MHz for frequency above 1GHz

Detector: Peak

Trace Mode: Max Hold

(2) All the emissions from 30MHz to 13GHz were measured and record.

3.5.3 Test Setup



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Secondary Radiated Emissions

3.5.4 Test Result: PASS

GFSK(3V D.C.)

Test Frequency (MHz)	Frequency Range (MHz)	Frequency (MHz)	Result (dBm)	Limit
2403	30-1000			$\leq 4\text{nW}(-54\text{dBm})$
	1000-13000	4806.32	-48.61	$\leq 20\text{nW}(-47\text{dBm})$
2440	30- 1000			$\leq 4\text{nW}(-54\text{dBm})$
	1000- 13000	4880.19	-48.54	$\leq 20\text{nW}(-47\text{dBm})$
2477	30- 1000			$\leq 4\text{nW}(-54\text{dBm})$
	1000- 13000	4954.06	-48.60	$\leq 20\text{nW}(-47\text{dBm})$

GFSK(2.7V D.C.)

Test Frequency (MHz)	Frequency Range (MHz)	Frequency (MHz)	Result (dBm)	Limit
2403	30-1000			$\leq 4\text{nW}(-54\text{dBm})$
	1000-13000	4806.32	-48.96	$\leq 20\text{nW}(-47\text{dBm})$
2440	30- 1000			$\leq 4\text{nW}(-54\text{dBm})$
	1000- 13000	4880.19	-48.80	$\leq 20\text{nW}(-47\text{dBm})$
2477	30- 1000			$\leq 4\text{nW}(-54\text{dBm})$
	1000- 13000	4954.06	-48.47	$\leq 20\text{nW}(-47\text{dBm})$

GFSK(3.3V D.C.)

Test Frequency (MHz)	Frequency Range (MHz)	Frequency (MHz)	Result (dBm)	Limit
2403	30-1000			$\leq 4\text{nW}(-54\text{dBm})$
	1000-13000	4805.94	-48.97	$\leq 20\text{nW}(-47\text{dBm})$
2440	30- 1000			$\leq 4\text{nW}(-54\text{dBm})$
	1000- 13000	4880.19	-48.76	$\leq 20\text{nW}(-47\text{dBm})$
2477	30- 1000			$\leq 4\text{nW}(-54\text{dBm})$
	1000- 13000	4954.44	-50.58	$\leq 20\text{nW}(-47\text{dBm})$

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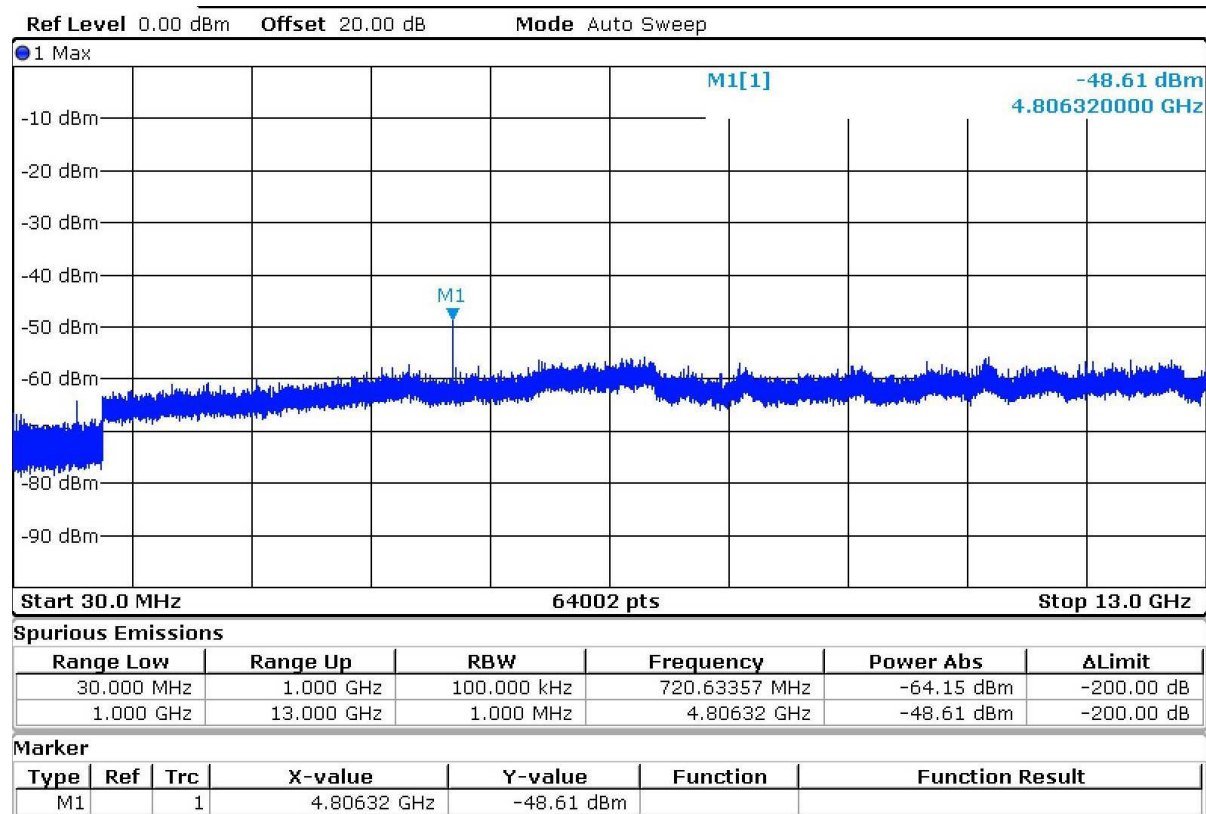


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Lowest Channel (2403MHz) GFSK(3V D.C.)
30MHz-13GHz



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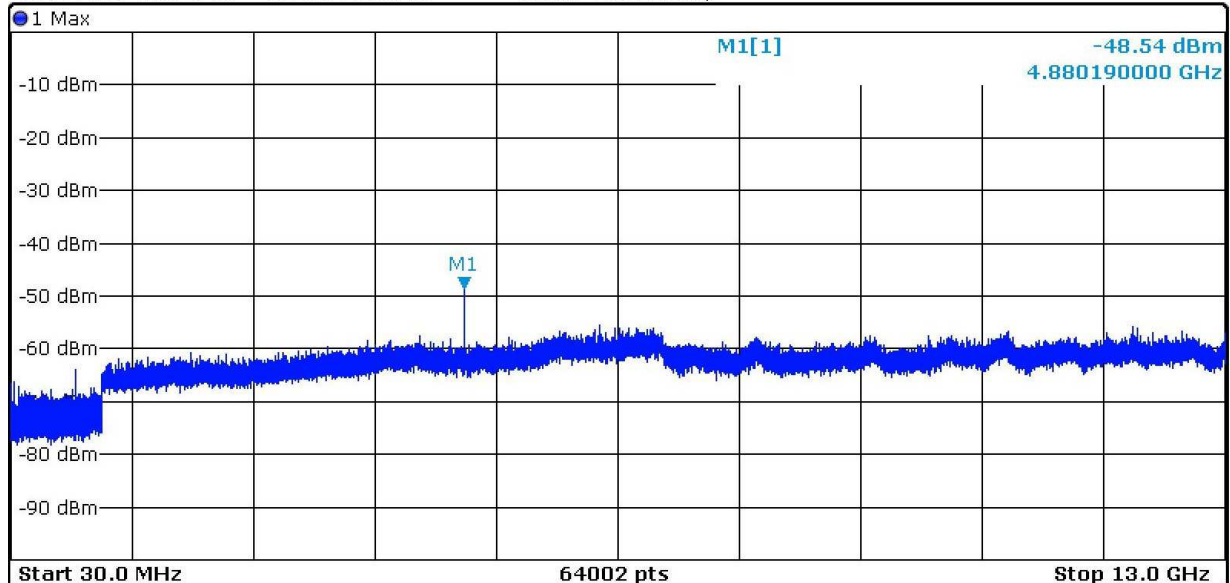
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Middle Channel (2440MHz) GFSK(3V D.C.)
30MHz-13GHz

Ref Level 0.00 dBm Offset 20.00 dB Mode Auto Sweep



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	100.000 kHz	725.69560 MHz	-63.92 dBm	-200.00 dB
1.000 GHz	13.000 GHz	1.000 MHz	4.88019 GHz	-48.54 dBm	-200.00 dB

Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	4.88019 GHz	-48.54 dBm		

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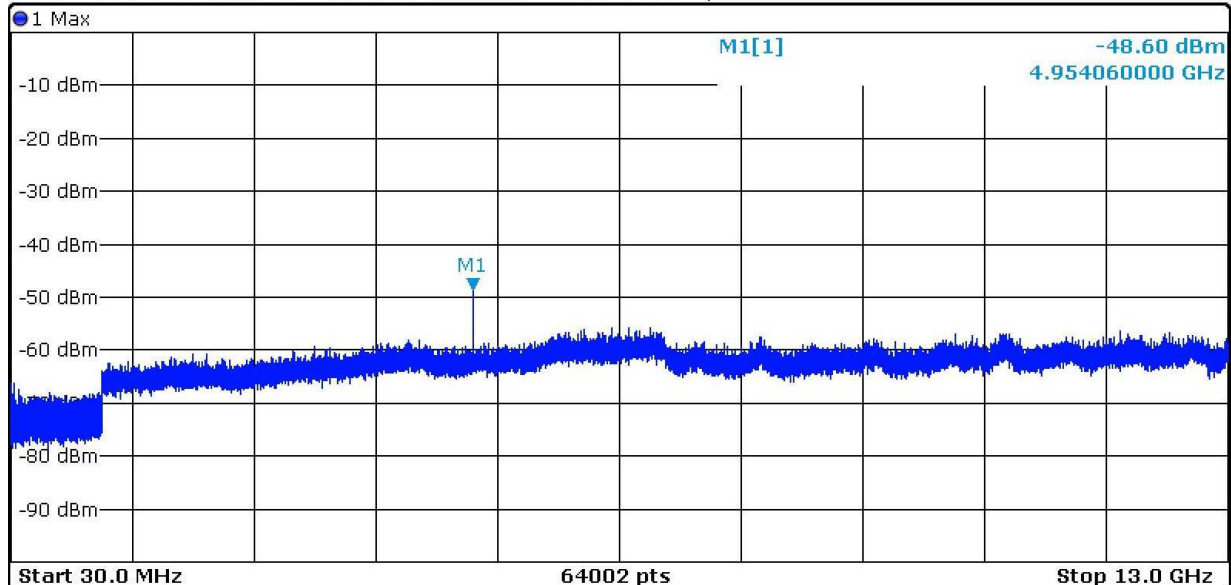
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Highest Channel (2477MHz) GFSK(3V D.C.)
30MHz-13GHz

Ref Level 0.00 dBm Offset 20.00 dB Mode Auto Sweep



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	100.000 kHz	64.02472 MHz	-66.31 dBm	-200.00 dB
1.000 GHz	13.000 GHz	1.000 MHz	4.95406 GHz	-48.60 dBm	-200.00 dB

Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	4.95406 GHz	-48.60 dBm		

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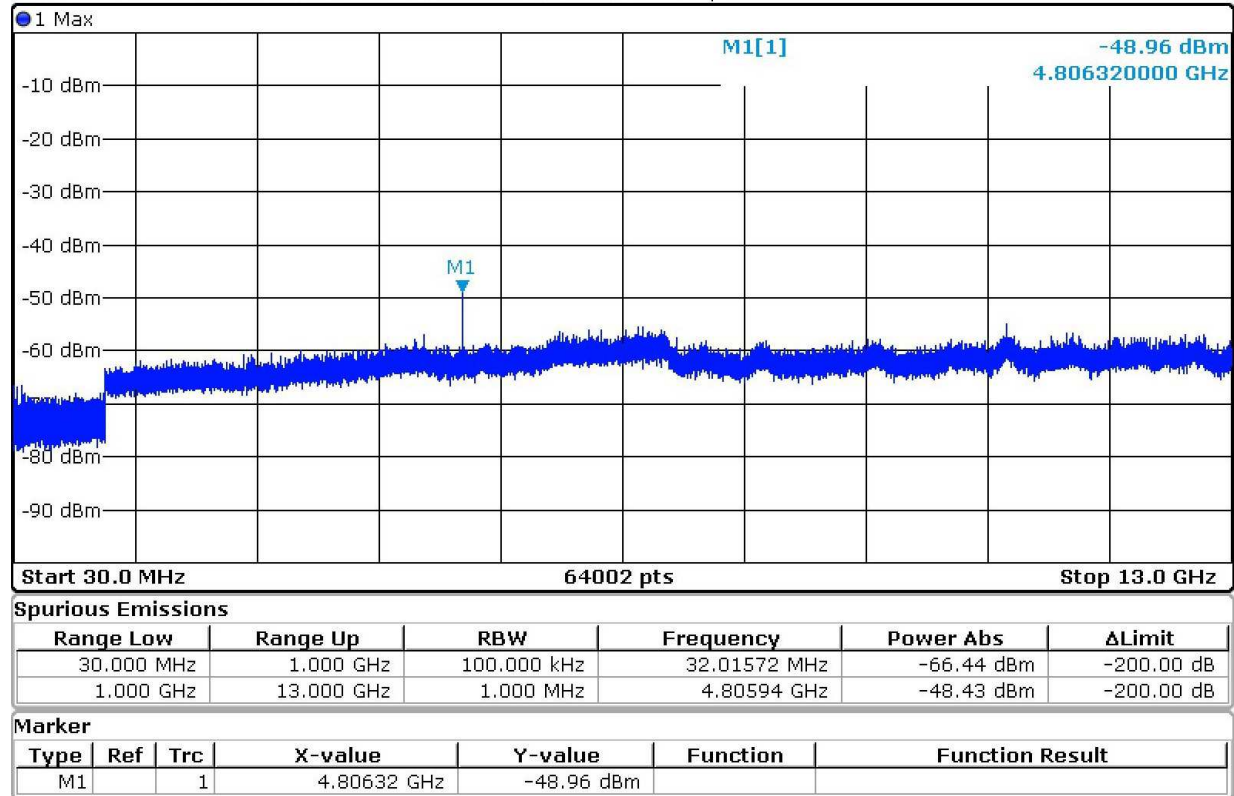
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Lowest Channel (2403MHz) GFSK(2.7V D.C.)
30MHz-13GHz

Ref Level 0.00 dBm Offset 20.00 dB Mode Auto Sweep



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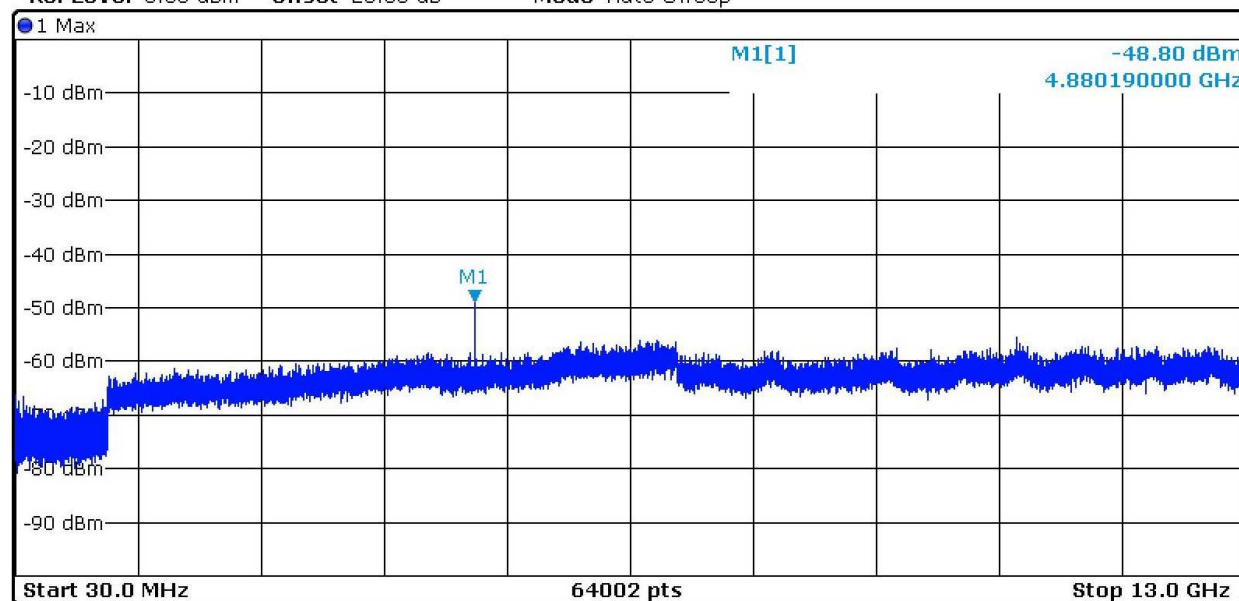
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Middle Channel (2440MHz) GFSK(2.7V D.C.)

30MHz-13GHz

Ref Level 0.00 dBm Offset 20.00 dB Mode Auto Sweep



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	100.000 kHz	32.01572 MHz	-66.20 dBm	-200.00 dB
1.000 GHz	13.000 GHz	1.000 MHz	4.88019 GHz	-48.80 dBm	-200.00 dB

Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	4.88019 GHz	-48.80 dBm		

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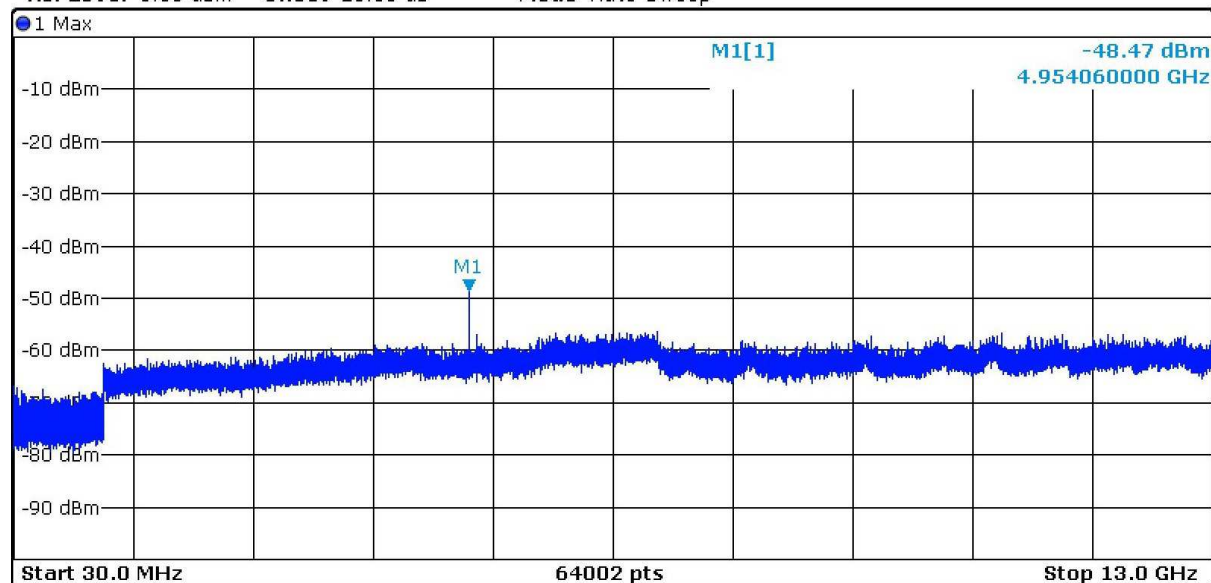
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Highest Channel (2477MHz) GFSK (2.7V D.C.)
30MHz-13GHz

Ref Level 0.00 dBm Offset 20.00 dB Mode Auto Sweep



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	100.000 kHz	32.01572 MHz	-66.88 dBm	-200.00 dB
1.000 GHz	13.000 GHz	1.000 MHz	4.95406 GHz	-48.47 dBm	-200.00 dB

Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	4.95406 GHz	-48.47 dBm		

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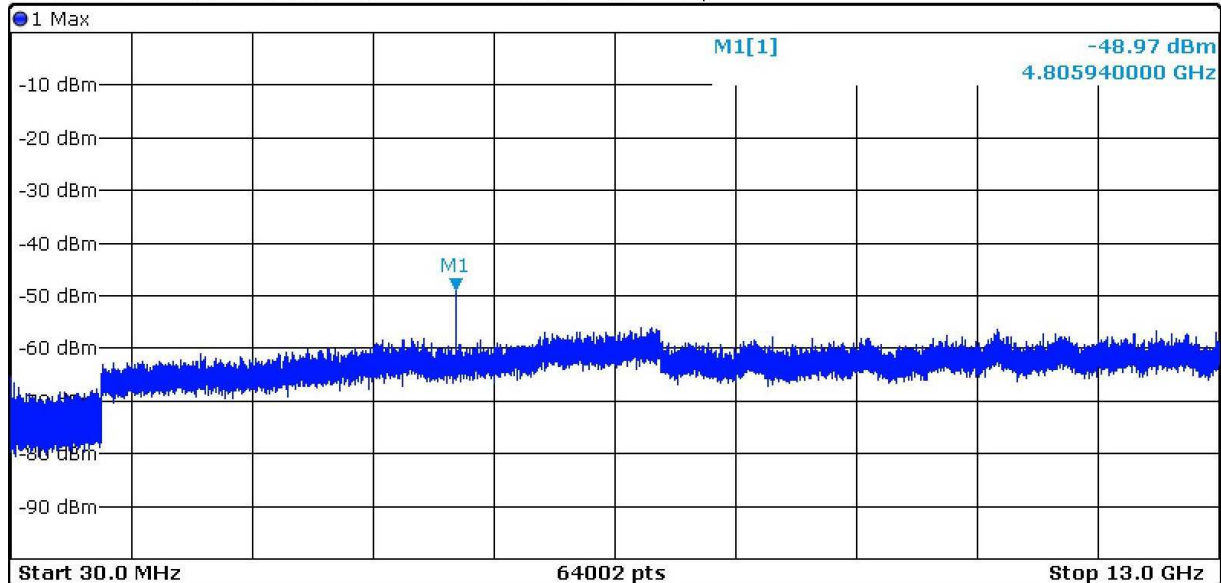
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Lowest Channel (2403MHz) GFSK(3.3V D.C.)
30MHz-13GHz

Ref Level 0.00 dBm Offset 20.00 dB Mode Auto Sweep



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	100.000 kHz	32.01572 MHz	-65.49 dBm	-200.00 dB
1.000 GHz	13.000 GHz	1.000 MHz	4.80594 GHz	-48.97 dBm	-200.00 dB

Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	4.80594 GHz	-48.97 dBm		

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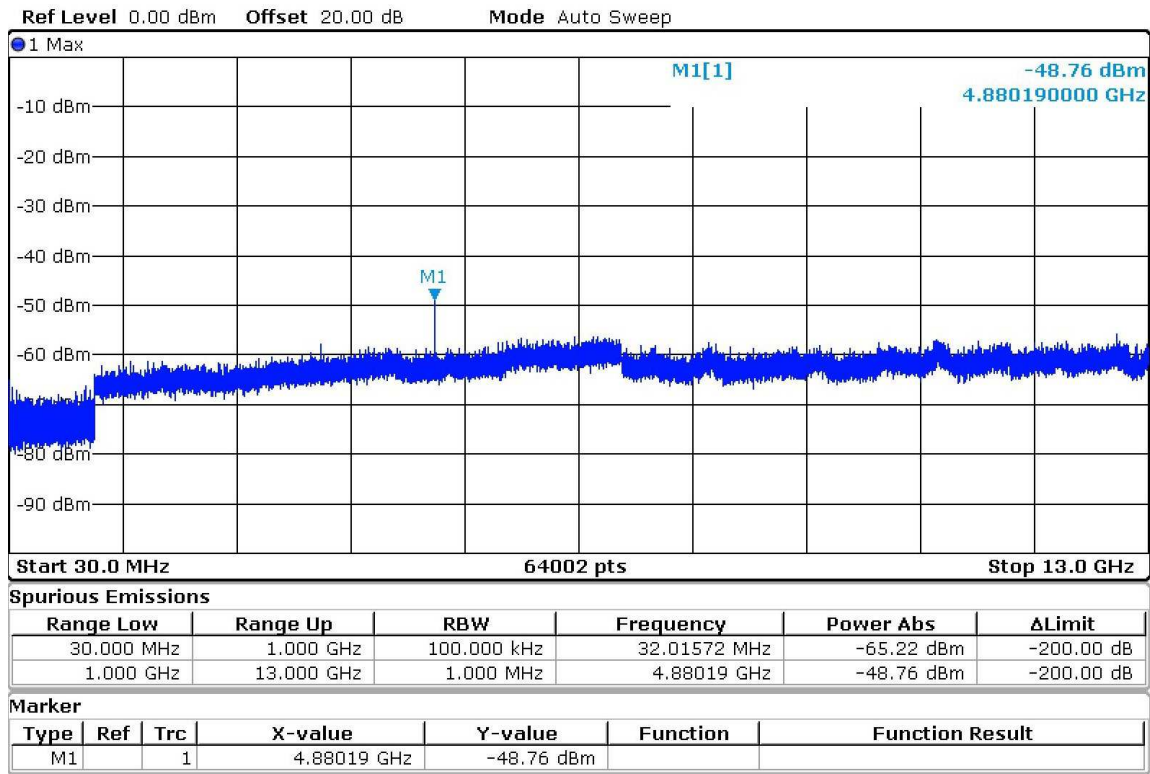


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Middle Channel (2440MHz) GFSK (3.3V D.C.)
30MHz-13GHz



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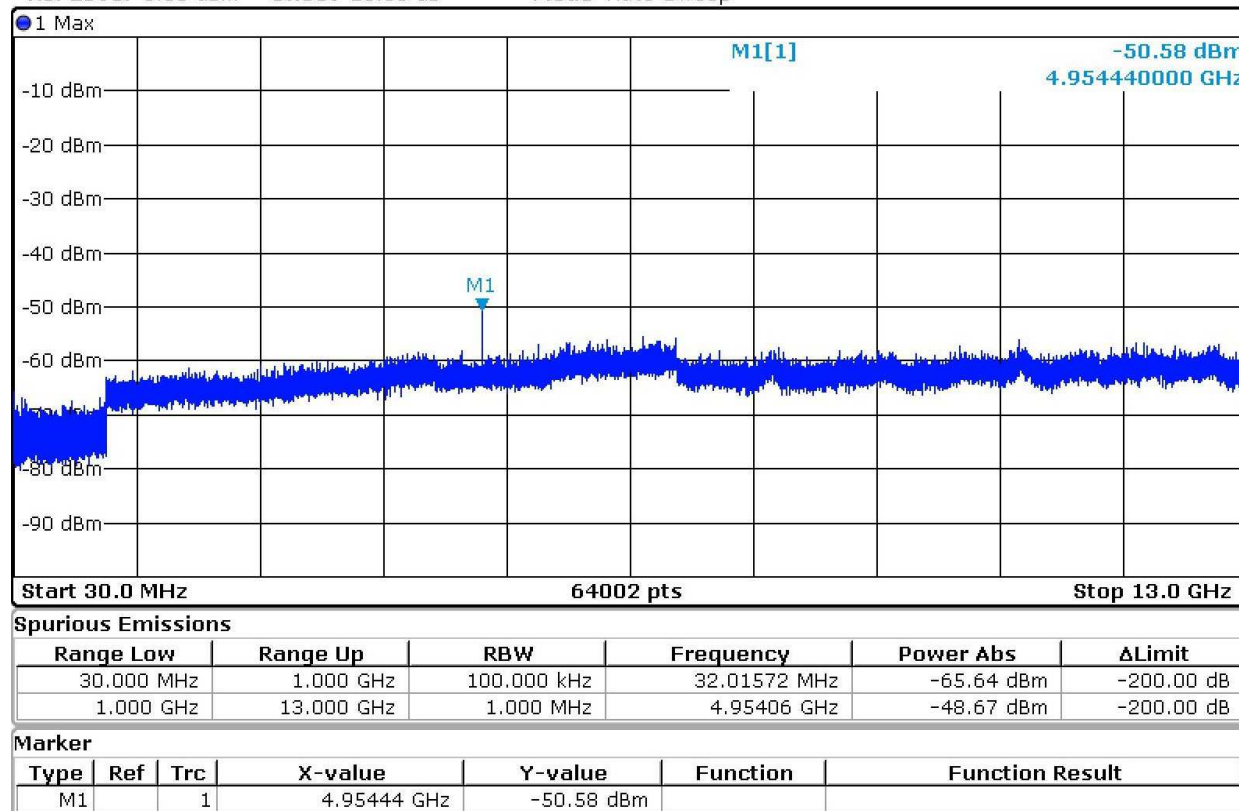
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Highest Channel (2477MHz) GFSK (3.3 V D.C.)
30MHz-13GHz

Ref Level 0.00 dBm Offset 20.00 dB Mode Auto Sweep



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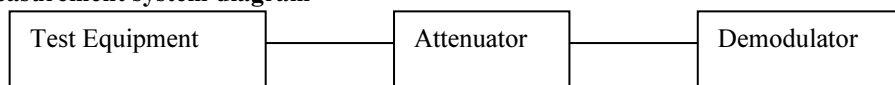
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3.6 Interference prevention function

Ambient temperature 25°C

Relative humidity 52%

3.6.1 Measurement system diagram



a. When transmitting identification code

b. Condition of measuring instrument

Demodulator must be able to demodulate the transmitting signal emitted by test equipment and to indicate the identification code.

c. Condition of test equipment mode of normal use.

3.6.2 Measuring operation procedure

When test equipment has the function to transmit identification code automatically:

a. Transmit the predetermined identification code from test equipment.

b. Confirm the transmitted identification code by demodulator.

3.6.3 Test result: Pass

The unit does meet the requirements.

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APPENDIX A

List of Measurement Equipment

EQP NO.	DESCRIPTION	MANUFACTURER	MODEL NO.	SERIAL NO.	CALIBRATION COMPANY	DUE CAL
EM363	SIGNAL ANALYZER (10Hz - 40GHz)	R & S	FSV40	101231	CEPREI	2027-01-17
EM364	OPEN SWITCH PERFORM	R & S	OSP-B157W8	101002	CEPREI	2028-07-16
EM365	SIGNAL GENERATOR	R & S	SMB100A	179970	CEPREI	2027-01-17
EM367	WIRELESS COMMUNICATION TESTER	R & S	CMW270	101998	N/A	N/A
EM368	VECTOR SIGNAL GENERATOR	R & S	SMBV100A	261243	CEPREI	2027-01-17
EM045	POWER METER	R & S	NRVD	843246/028	CEPREI	2027-06-27
EM050	Multi meter	FLUKE	77	43851414	CEPREI	2027-02-02
EM258	DC Power Supply	R & S	NGSM 32 / 10	2661	N/A	N/A

Remark:

CEPREI : CEPREI (Hong Kong) Calibration and Testing Centre Limited

N/A Not Applicable

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APPENDIX B

Photograph (S) Of Product

Front View of The Product



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Rear View of The Product



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Side View of The Product



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Side View of The Product



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Side View of The Product



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Side View of The Product



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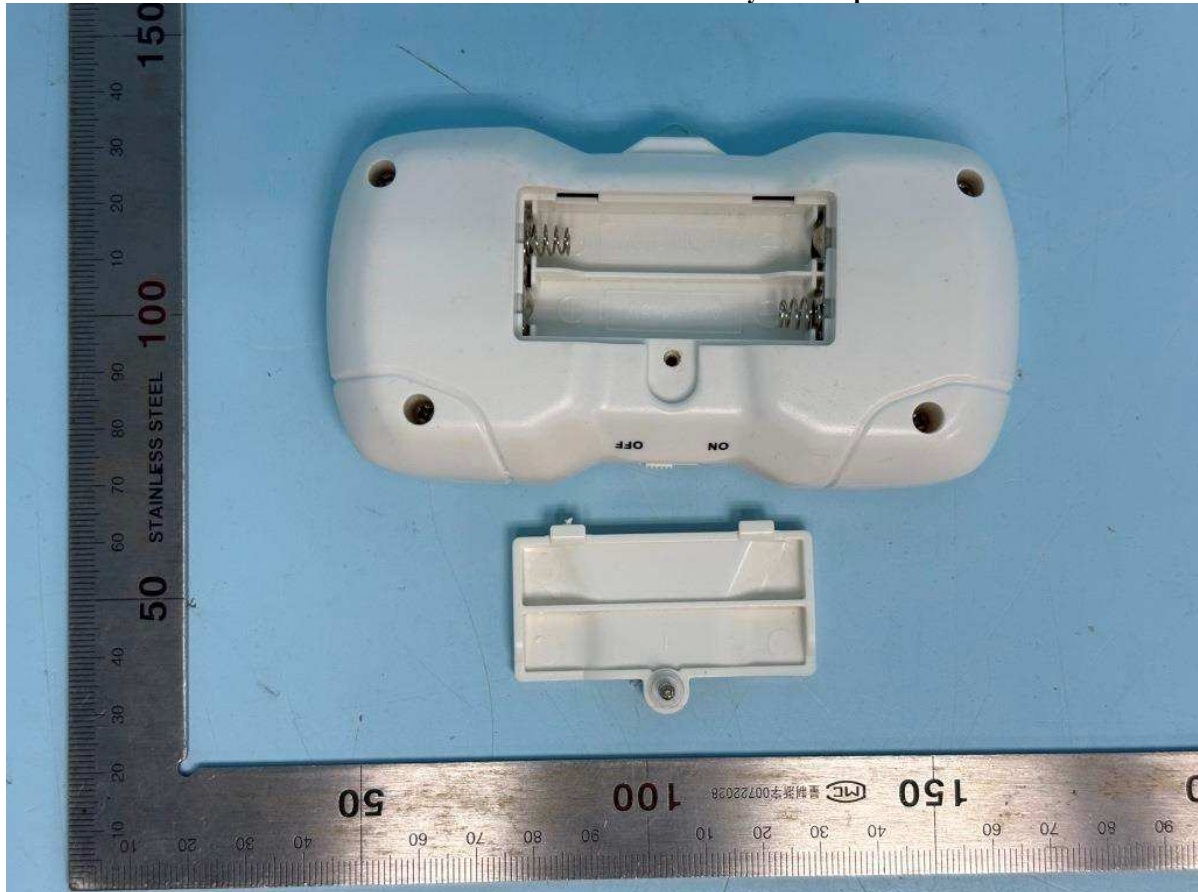
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Rear View of The Product with Battery Door Open



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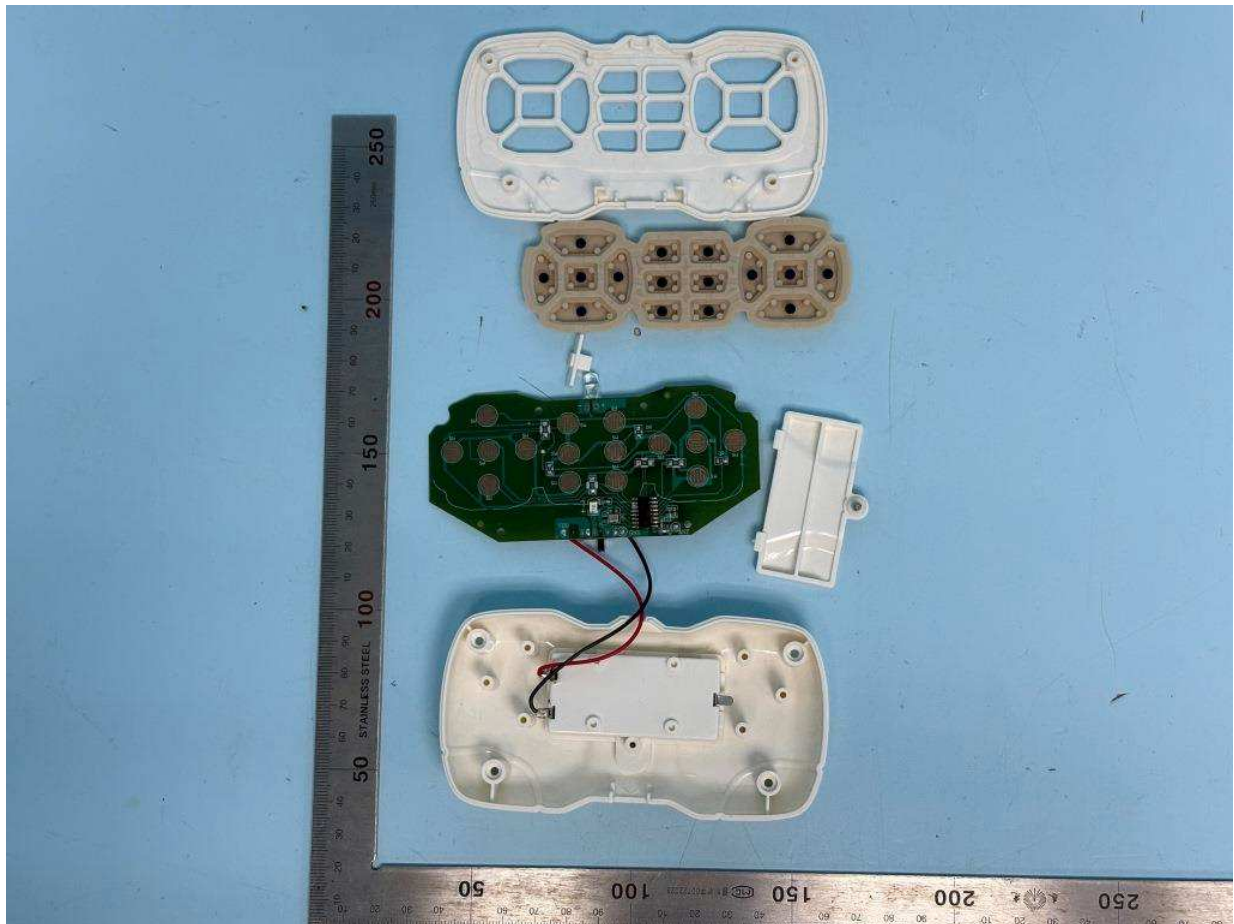
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Photograph (S) Of Product

Inside View of The Product



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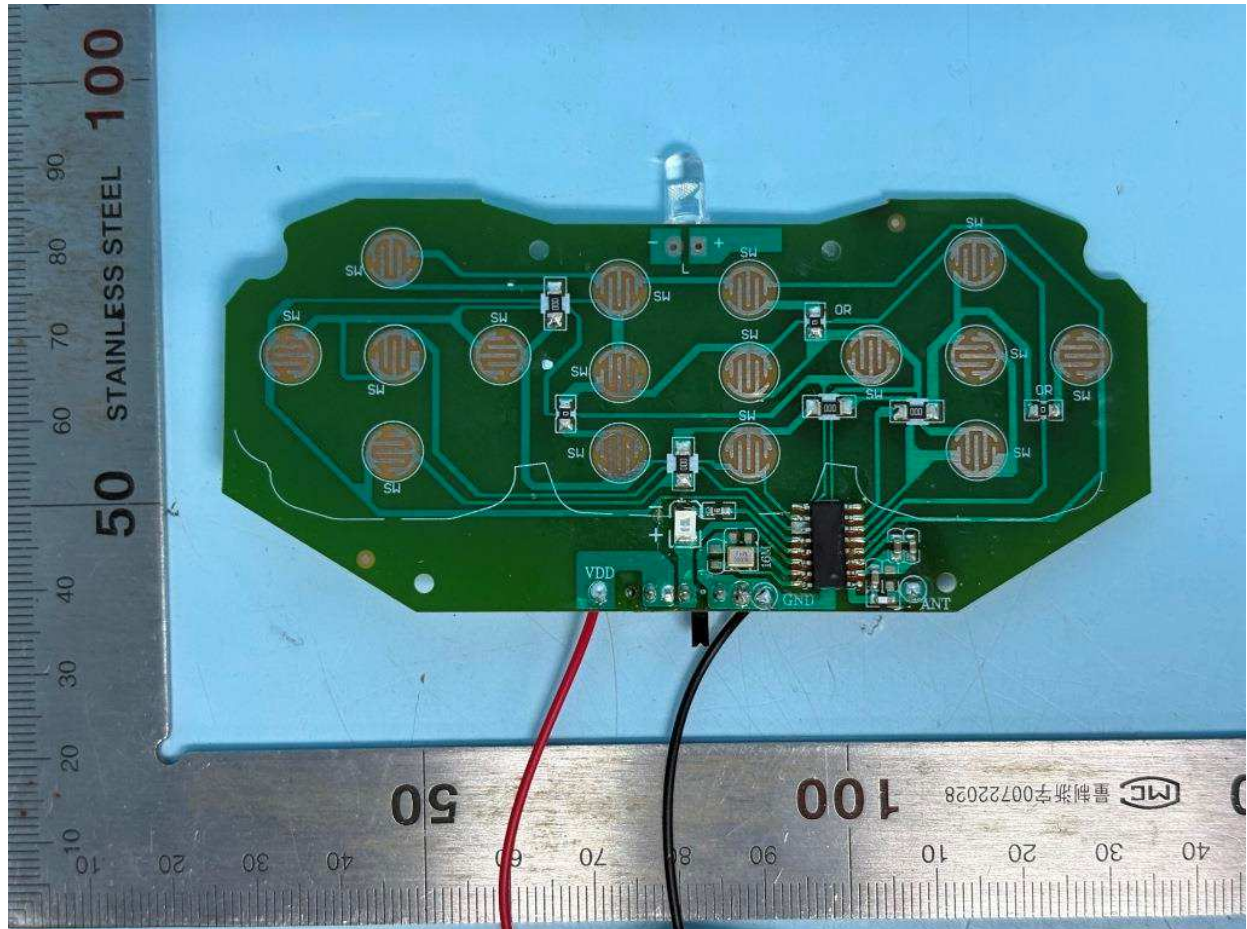
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Photograph (S) Of Product

PCBA Bottom View



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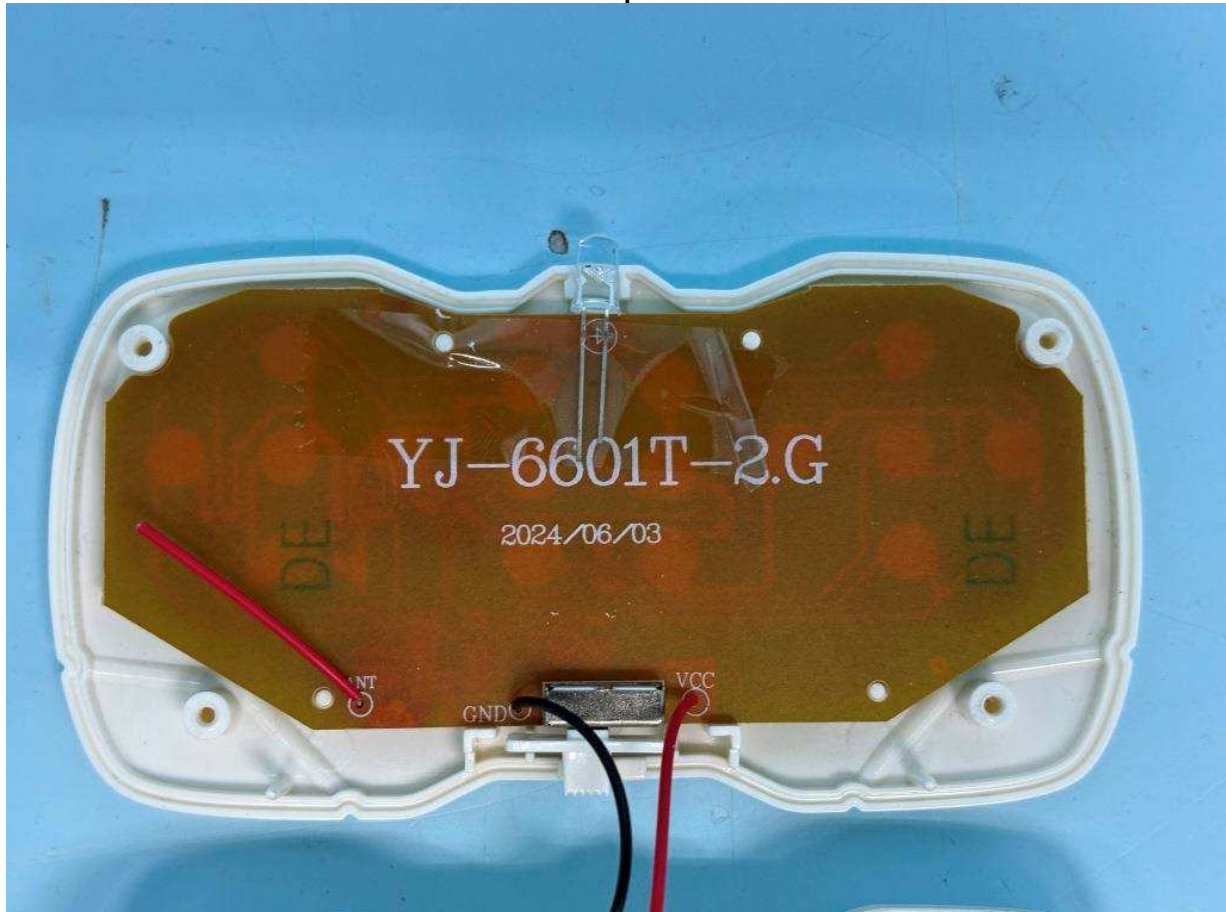
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PCBA Top View



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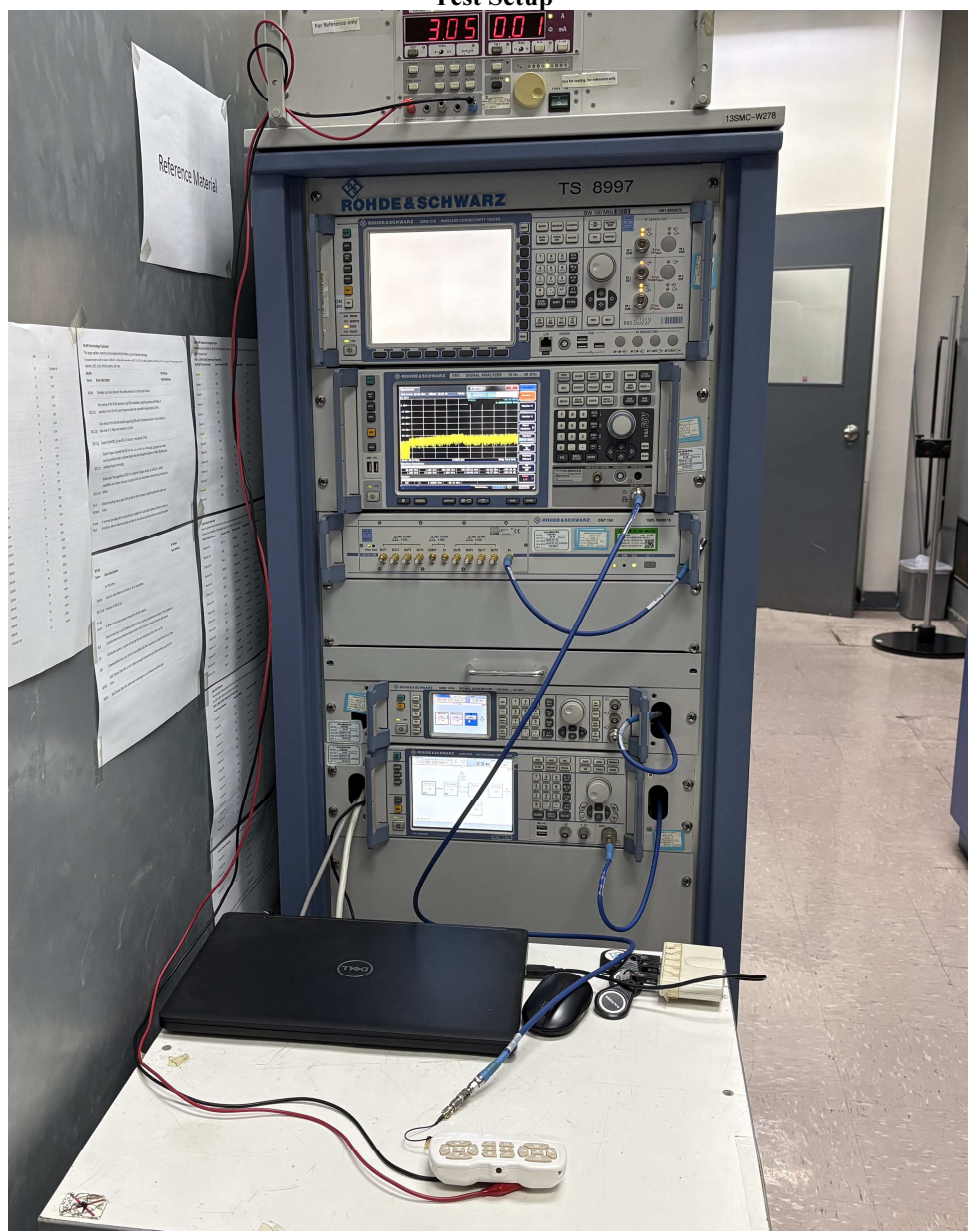
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Test Setup



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6. When a statement of conformity to a specification or standard is provided, the ILAC-G8 Guidance document (and/or IEC Guide 115 in the electrotechnical sector) will be adopted as a decision rule for the determination of conformity unless it is inherent in the requested specification or standard, or otherwise specified in the Report.
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