

TEST REPORT

Applicant: Sinco Intelligent Technology Co., Ltd.

Address of Applicant: Room 805-807, No. 17, Wenheng Street, Sanzao Town, Jinwan District, Zhuhai City, China

Manufacturer: Sinco Intelligent Technology Co., Ltd.

Address of Manufacturer: Room 805-807, No. 17, Wenheng Street, Sanzao Town, Jinwan District, Zhuhai City, China

Equipment Under Test (EUT)

Product Name: Effects Processor

Model No.: POCKET AMP, SK17, Pocket Sonic, PIXIE1

Trade Mark: M-VAVE, EROK, DONNER, Eneiblle, LEKATO, CASON, Gopherwood, Minsine, COOL MUSIC, NEW BEE, GOPHERWOOD x M-VAVE

Applicable standards: Article 2 paragraph 1 item(19)
MIC Notice No.88 Annex 1
MIC Notice No.88 Annex 43

Date of sample receipt: December 19, 2025

Date of Test: December 19, 2025 to January 04, 2026

Date of report issued: January 04, 2026

Test Result : PASS *

* In the configuration tested, the EUT complied with the standards specified above.

Authorized Signature:



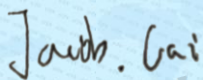
Laboratory Manager

This results shown in this test report refer only to the sample(s) tested, this test report cannot be reproduced, except in full, without prior written permission of the company. The report would be invalid without specific stamp of test institute and the signatures of compiler and approver.

2 Version

Version No.	Date	Description
00	January 04, 2026	Original

Tested By:

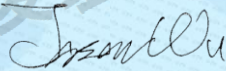


Date:

January 04, 2026

Test Engineer

Prepared By:

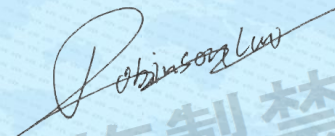


Date:

January 04, 2026

Project Engineer

Check By:



Date:

January 04, 2026

Reviewer

3 Contents

Page

1	COVER PAGE.....	1
2	VERSION.....	2
3	CONTENTS	3
4	TEST SUMMARY	4
5	GENERAL INFORMATION.....	5
5.1	GENERAL DESCRIPTION OF EUT	5
5.2	TEST MODE	7
5.3	TEST CONDITION.....	7
5.4	TEST FACILITY	7
5.5	TEST LOCATION.....	7
5.6	OTHER INFORMATION REQUESTED BY THE CUSTOMER	7
5.7	DESCRIPTION OF SUPPORT UNITS	7
5.8	TEST INSTRUMENTS LIST.....	8
5.9	MEASUREMENT UNCERTAINTY	8
6	TEST RESULTS AND MEASUREMENT DATA.....	9
6.1	FREQUENCY ERROR	9
6.2	ANTENNA POWER	12
6.3	OCCUPY BANDWIDTH (99%) AND SPREAD SPECTRUM BANDWIDTH (90%)	17
6.4	DWELL TIME	22
6.5	SPURIOUS EMISSION INTENSITY	25
6.6	LIMIT OF SECONDARY RADIATED EMISSIONS.....	30
6.7	INTERFERENCE SUPPRESSION	32
6.8	EQUIVALENT ISOTROPIC RADIATED POWER.....	33
7	TEST SETUP PHOTO	35
8	EUT CONSTRUCTIONAL DETAILS	35

4 Test Summary

Test Item	Test Requirement	Result
RF shielding method	ARIB STD T-66 Clause 3.7	Pass
Frequency Error	ARIB STD T-66 Clause 3.2(4)	Pass
Antenna Power	ARIB STD T-66 Clause 3.2(2)	Pass
99% Occupied bandwidth	ARIB STD T-66 Clause 3.2(7)	Pass
Spread spectrum bandwidth	ARIB STD T-66 Clause 3.2(8)	Pass
Dwell time	ARIB STD T-66 Clause 3.2(11)	Pass
Spurious Emissions Intensity	ARIB STD T-66 Clause 3.2(6)	Pass
Limit of secondary radiated emissions	ARIB STD T-66 Clause 3.3(1)	Pass
Interference suppression	ARIB STD T-66 Clause 3.4.1	Pass
Transmission Antenna Gain	ARIB STD T-66 Clause 3.6	N/A
Transmission Radiation Angle Width(3dB Beam width)	ARIB STD T-66 Clause 3.6	N/A

Remarks

1. Pass: The EUT complies with the carrier sense capability and radio interference prevention capability.
2. N/A: EIRP does not exceed 12.14dbi

5 General Information

5.1 General Description of EUT

Product Name:	Effects Processor
Model No.:	POCKET AMP, SK17, Pocket Sonic, PIXIE1
Test Model No.:	POCKET AMP
Remark: All above models are identical in the same PCB layout, interior structure and electrical circuits. The only difference are product color, trade mark and model name for commercial purpose.	
Operation Frequency:	2402MHz~2480MHz
Channel numbers:	79
Channel separation:	1MHz
Modulation technology:	GFSK, $\pi/4$ -DQPSK, 8-DPSK
Hardware version:	V08E1
Software version:	V05
Antenna Specification:	Wire antenna
Antenna Gain:	3.04dBi
Power supply:	DC 5V by adapter or DC 3.7V by battery

Disclaimer statement:

1. Antenna gain information provided by the customer, and the laboratory is not responsible for its authenticity.
2. The information in this section is provided by the applicant or manufacturer, GTS is not liable to the accuracy, suitability, reliability or/and integrity of the information.

Operation Frequency each of channel							
Channel	Frequency	Channel	Frequency	Channel	Frequency	Channel	Frequency
0	2402MHz	20	2422MHz	40	2442MHz	60	2462MHz
1	2403MHz	21	2423MHz	41	2443MHz	61	2463MHz
2	2404MHz	22	2424MHz	42	2444MHz	62	2464MHz
3	2405MHz	23	2425MHz	43	2445MHz	63	2465MHz
4	2406MHz	24	2426MHz	44	2446MHz	64	2466MHz
5	2407MHz	25	2427MHz	45	2447MHz	65	2467MHz
6	2408MHz	26	2428MHz	46	2448MHz	66	2468MHz
7	2409MHz	27	2429MHz	47	2449MHz	67	2469MHz
8	2410MHz	28	2430MHz	48	2450MHz	68	2470MHz
9	2411MHz	29	2431MHz	49	2451MHz	69	2471MHz
10	2412MHz	30	2432MHz	50	2452MHz	70	2472MHz
11	2413MHz	31	2433MHz	51	2453MHz	71	2473MHz
12	2414MHz	32	2434MHz	52	2454MHz	72	2474MHz
13	2415MHz	33	2435MHz	53	2455MHz	73	2475MHz
14	2416MHz	34	2436MHz	54	2456MHz	74	2476MHz
15	2417MHz	35	2437MHz	55	2457MHz	75	2477MHz
16	2418MHz	36	2438MHz	56	2458MHz	76	2478MHz
17	2419MHz	37	2439MHz	57	2459MHz	77	2479MHz
18	2420MHz	38	2440MHz	58	2460MHz	78	2480MHz
19	2421MHz	39	2441MHz	59	2461MHz		

Final test channel as follow:					
Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)
0	2402	39	2441	78	2480

5.2 Test mode

Software used to control the EUT for staying in continuous transmitting and receiving mode is programmed.

5.3 Test condition

Normal voltage	High voltage +10% of Normal voltage	Low voltage -10% of Normal voltage
DC 3.7V	DC 4.07V	DC 3.33V

Remark: Both normal and extremely condition were tested, only show the worst case.

5.4 Test Facility

The test facility is recognized, certified, or accredited by the following organizations:

- **FCC—Registration No.: 381383**

Designation Number: CN5029

Global United Technology Services Co., Ltd., Shenzhen EMC Laboratory has been registered and fully described in a report filed with the (FCC) Federal Communications Commission. The acceptance letter from the FCC is maintained in files.

- **ISED —Registration No.: 9079A**

CAB identifier: CN0091

The 3m Semi-anechoic chamber of Global United Technology Services Co., Ltd. has been registered by Certification and Engineering Bureau of ISED for radio equipment testing

- **NVLAP (LAB CODE:600179-0)**

Global United Technology Services Co., Ltd., is accredited by the National Voluntary Laboratory Accreditation Program (NVLAP).

5.5 Test Location

All tests were performed at:

Global United Technology Services Co., Ltd.

Address: No. 123-128, Tower A, Jinyuan Business Building, No.2, Laodong Industrial Zone, Xixiang Road, Baoan District, Shenzhen, Guangdong, China 518102

Tel: 0755-27798480

Fax: 0755-27798960

5.6 Other Information Requested by the Customer

None.

5.7 Description of Support Units

None.

5.8 Test Instruments list

RF Conducted Test:						
Item	Test Equipment	Manufacturer	Model No.	Serial No.	Cal.Date (mm-dd-yy)	Cal.Due date (mm-dd-yy)
1	MXA Signal Analyzer	Agilent	N9020A	GTS566	Apr. 11, 2025	Apr. 10, 2026
2	EMI Test Receiver	R&S	ESCI 7	GTS552	Apr. 12, 2025	Apr. 11, 2026
3	PSA Series Spectrum Analyzer	Agilent	E4440A	GTS536	Apr. 11, 2025	Apr. 10, 2026
4	MXG vector Signal Generator	Agilent	N5182A	GTS567	Apr. 11, 2025	Apr. 10, 2026
5	ESG Analog Signal Generator	Agilent	E4428C	GTS568	Apr. 11, 2025	Apr. 10, 2026
6	Wideband Power Meter	Keysight	N1924A	GTS673	Apr. 11, 2025	Apr. 10, 2026
7	USB RF Power Sensor	DARE	RPR3006W	GTS569	Apr. 11, 2025	Apr. 10, 2026
8	RF Switch Box	Shongyi	RFSW3003328	GTS571	Apr. 11, 2025	Apr. 10, 2026
9	Programmable Constant Temp & Humi Test Chamber	WEWON	WHTH-150L-40-880	GTS572	Apr. 11, 2025	Apr. 10, 2026
10	Thermo meter	JINCHUANG	GSP-8A	GTS641	Apr. 15, 2025	Apr. 14, 2026

All above equipments were calibrated by Guangzhou LiSai Metrology & Test Co.,Ltd..

Technical basis for calibration: JJF 1076-2020, JJF 1101-2019, JJF 1144-2006, JJF 1396-2013, JJF 1885-2020, JJF 1931-2021, GJB 2650-1996.

Calibration Information (Article24-2, Paragraph 4 of the Radio Act)	
☐	a) Calibration conducted by the National Institute of Information and Communications Technology (NICT) or a designated calibration agency under Article 102-18-1 of the Radio Act
☐	(b) Calibration conducted based on the regulations of Article 135 or 144 of the Measurement Act
☒	(C) Calibration conducted in foreign countries, which is equivalent to calibration conducted by the NICT or a designated calibration agency under Article 102-18-1 of the Radio Act
☐	(d) Calibration, etc. conducted by using measuring instruments and other facilities listed at the bottom of appended table 3 of the Radio Act, which is to have been calibrated as described in (a) through (c) above

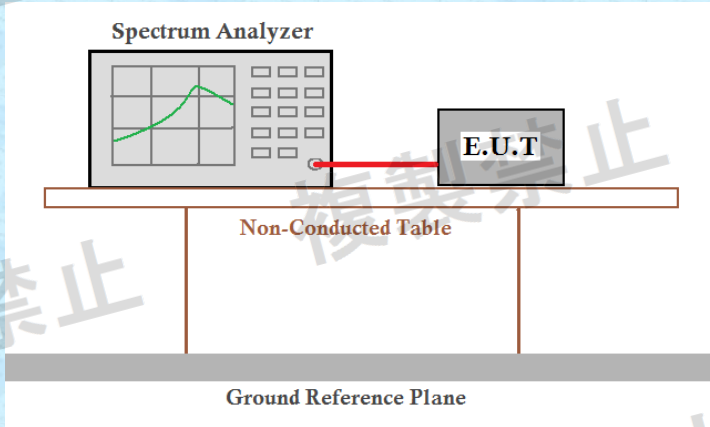
5.9 Measurement uncertainty

For the test methods, according to the present document, the measurement uncertainty figures shall be calculated in accordance with TR100028-1 [2] and shall correspond to an expansion factor (coverage factor) $K=1.96$ or $K=2$ (which provide confidence levels of respectively 95% and 95.5% in the case where the distributions characterizing the actual measurement uncertainties are normal).

Parameter	Uncertainty
RF frequency	$\pm 6 \times 10^{-7}$
Total RF power, conducted	$\pm 0.8\text{dB}$
Spurious emissions, conducted	$\pm 0.8\text{dB}$
DC and low frequency voltages	$\pm 3\%$
Humidity	$\pm 5\%$
Temperature	$\pm 1^\circ\text{C}$

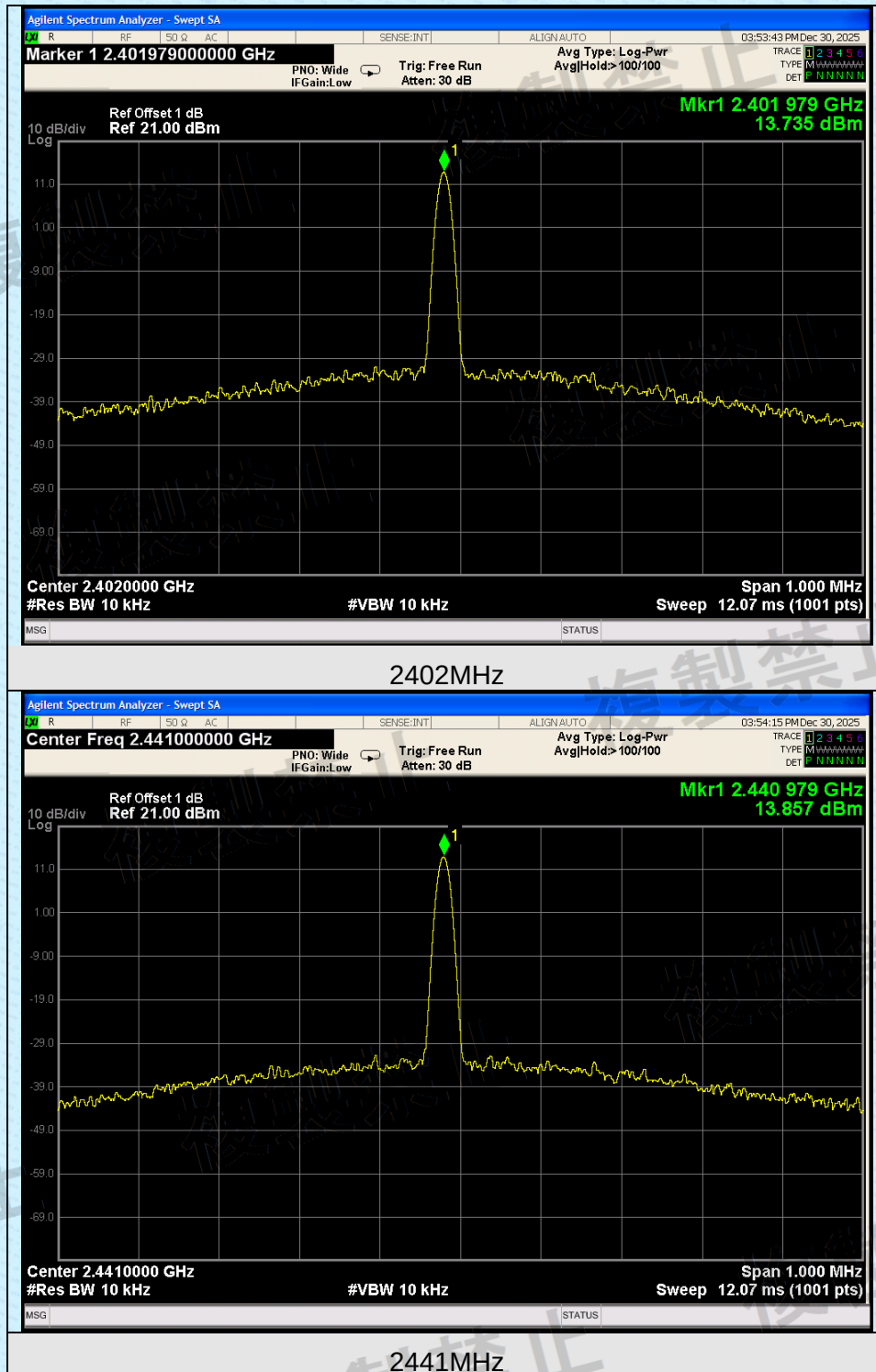
6 Test results and Measurement Data

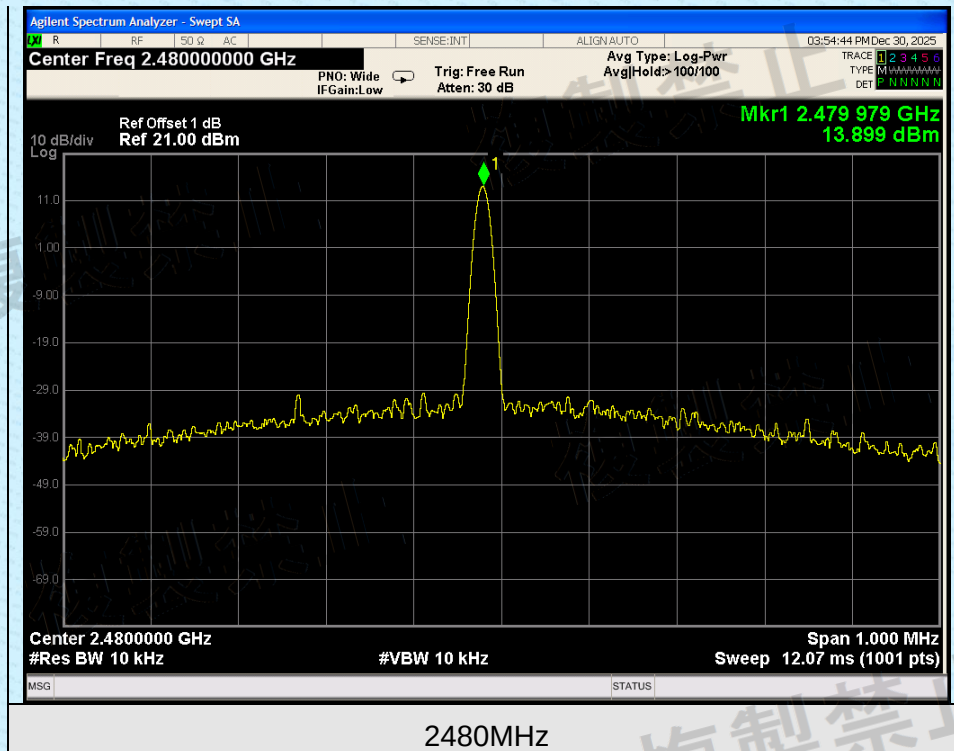
6.1 Frequency Error

Test condition:	Without modulation, continuously transmitting.
Spectrum set:	Test Frequency: test channel, RBW=VBW=10KHz, Span=1MHz, Sweep time=Auto, Detector mode=Positive peak
Limit:	±50ppm
Test setup:	
Test Instruments:	Refer to section 5.8 for details
Test results:	Pass

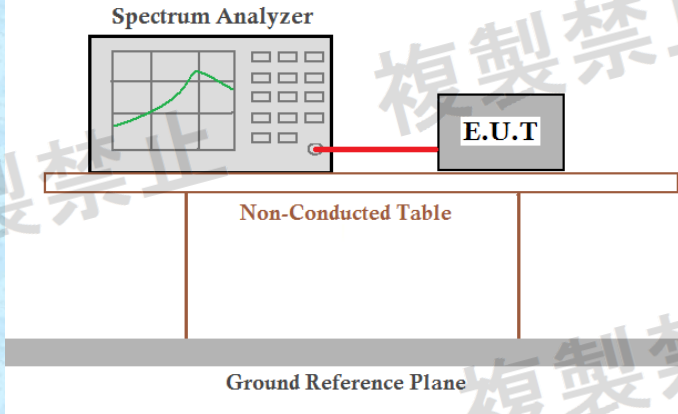
Measurement Data:

Test Data of Frequency Error					
Test Mode	Test Frequency (MHz)	Measure Frequency (MHz)	Frequency Error (ppm)	Limit (ppm)	Result
un-modulation	2402	2401.979	-8.74	±50	Pass
	2441	2440.979	-8.60	±50	Pass
	2480	2479.979	-8.47	±50	Pass





6.2 Antenna Power

Test condition:	■ Hopping on ■ Test diffusion code and modulate with standard coding test signal
Spectrum set:	Measurement procedure 1. Search Frequency of Peak Power Test Frequency: test channel, RBW=1MHz, VBW=3MHz, Span=83.5MHz, Sweep time=Auto, Detector mode =Positive peak 2. Measure of average burst power Test Frequency: frequency of peak power RBW=VBW=1MHz, Span=0Hz, Sweep time=Auto, Detector mode=Positive peak 3. If the channel separation is less than or equal to 1MHz Antenna power= average burst power / spread bandwidth If the channel separation is more than 1MHz Antenna power= average burst power / channel numbers 4. Antenna power tolerance: +20% No lower limit
Limit:	3mW/MHz
Test setup:	 The diagram illustrates the test setup. A Spectrum Analyzer is connected to an E.U.T. (Equipment Under Test) via a cable. The E.U.T. is placed on a Non-Conducted Table, which is positioned above a Ground Reference Plane.
Test Instruments:	Refer to section 5.8 for details
Test results:	Pass

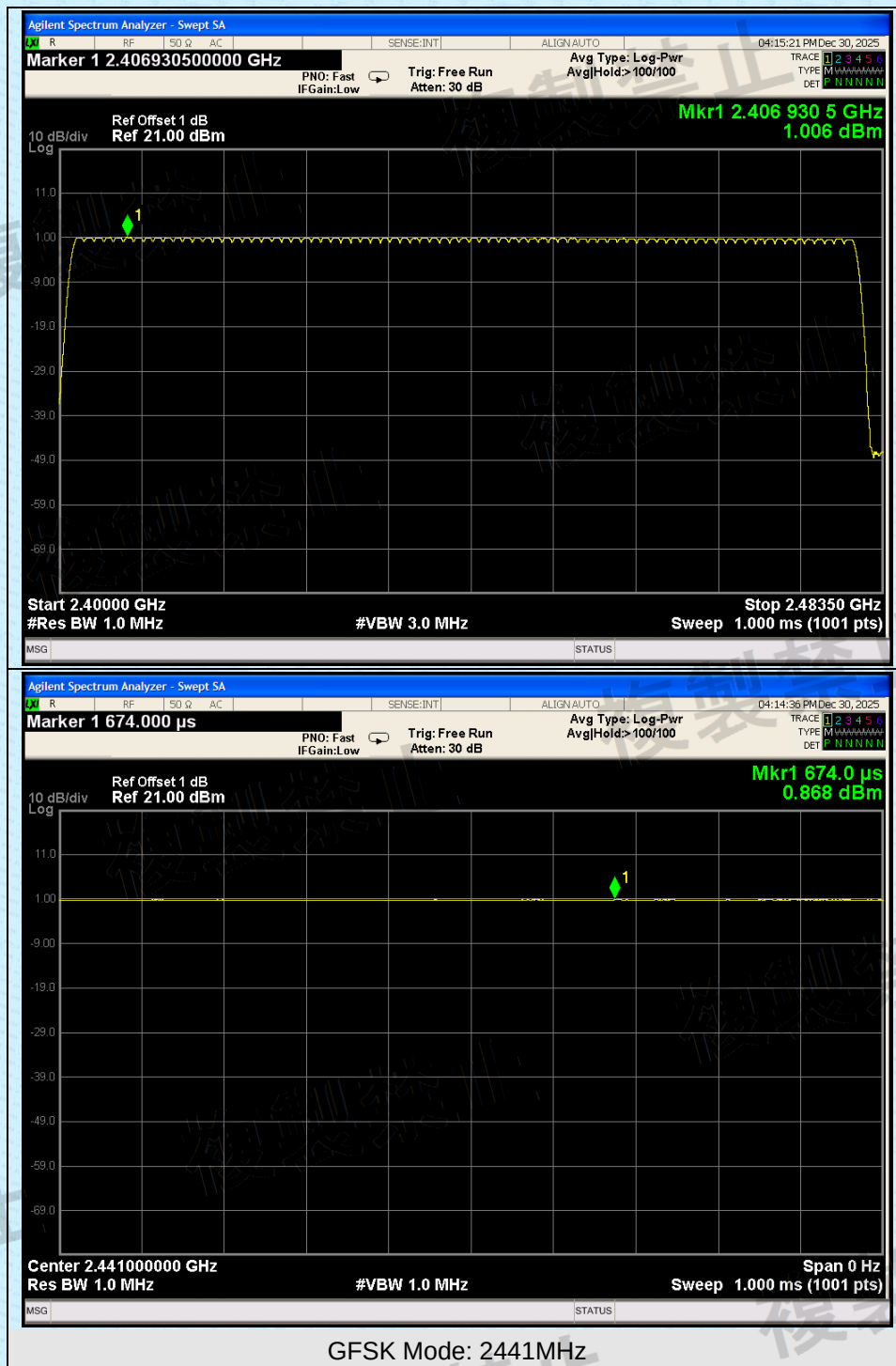
Measurement Data:

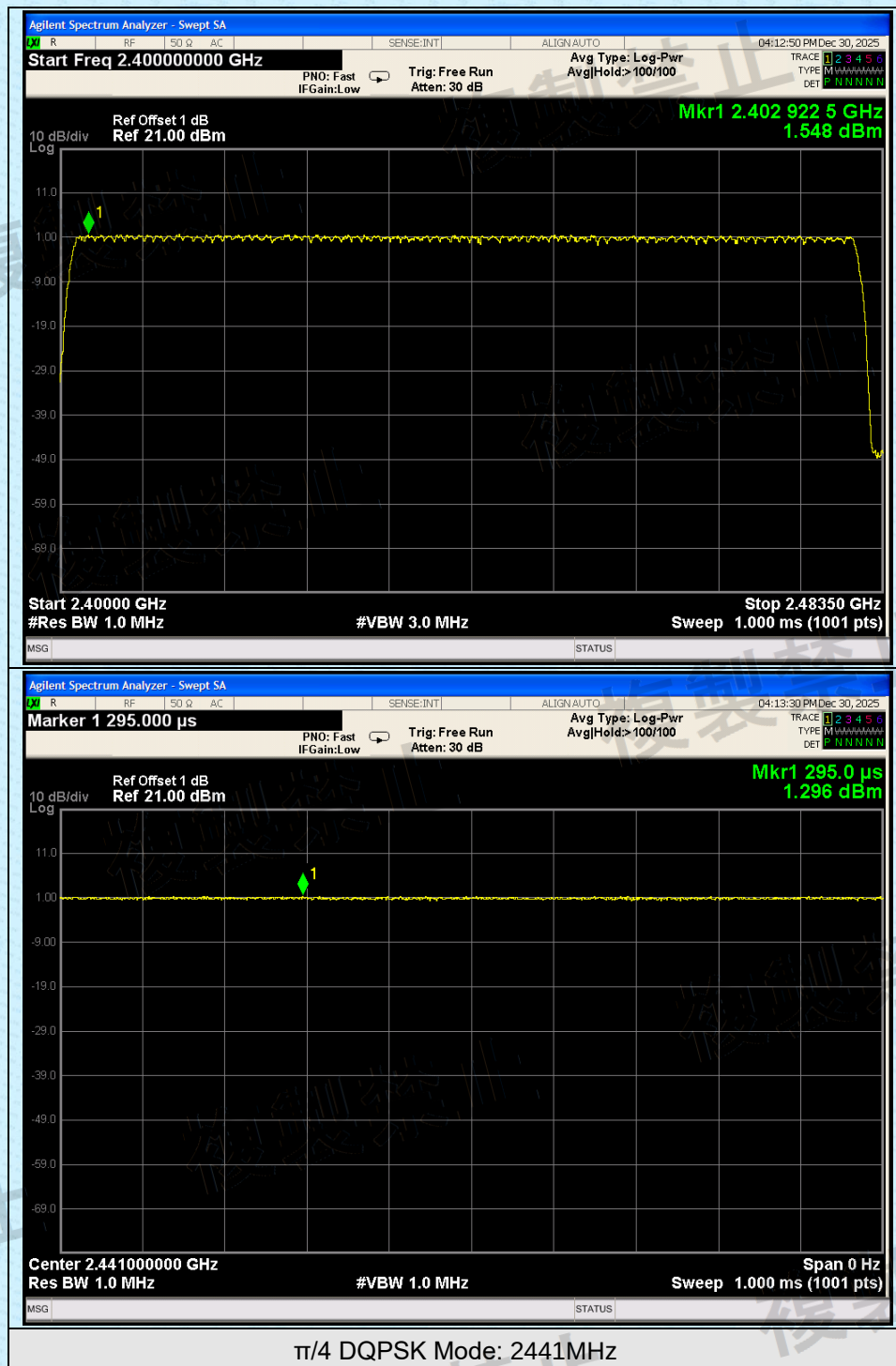
Modulation	Mode	Measured Power (dBm)	Antenna Power (mW/MHz)	Rated Power (mW/MHz)	Power Limit (mW/MHz)	Power Tolerance (%)	Tolerance Limit (%)	Result
GFSK	Hopping	1.006	0.018	0.02	3	-10	+20	Pass
$\pi/4$ DQPSK	Hopping	1.548	0.020	0.02	3	0	+20	Pass
8DPSK	Hopping	1.909	0.022	0.02	3	10	+20	Pass

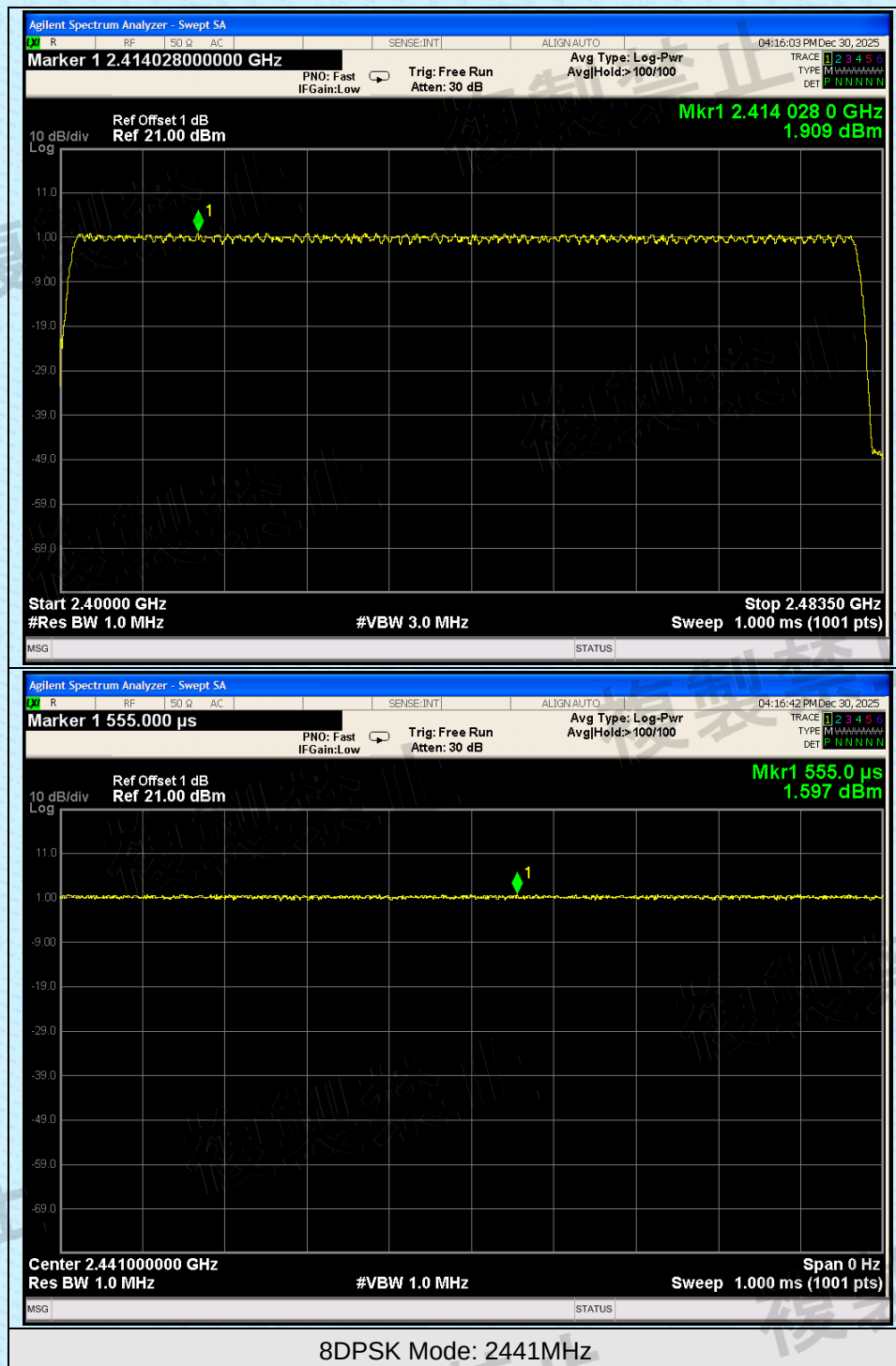
Note: Antenna power = measured power (mW)/ Spread Bandwidth (MHz)

Mode	Frequency	Measured Power (dBm)	Antenna Gain (dBi)	EIRP (dBm/MHz)	EIRP Limit_low (dBm/MHz)	EIRP Limit_up (dBm/MHz)	Result
GFSK	2441	1.006	3.04	0.057	6.91	16.91	Pass
$\pi/4$ DQPSK	2441	1.548	3.04	0.064	6.91	16.91	Pass
8DPSK	2441	1.909	3.04	0.069	6.91	16.91	Pass

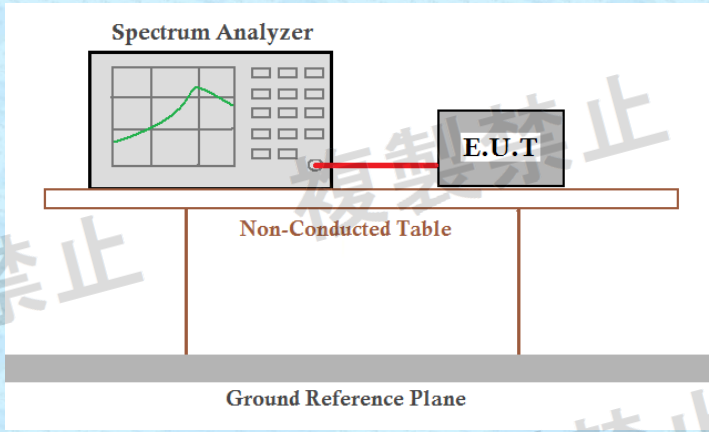
Note: EIRP (dBm/MHz) = EIRP (dBm)/spread bandwidth (MHz)







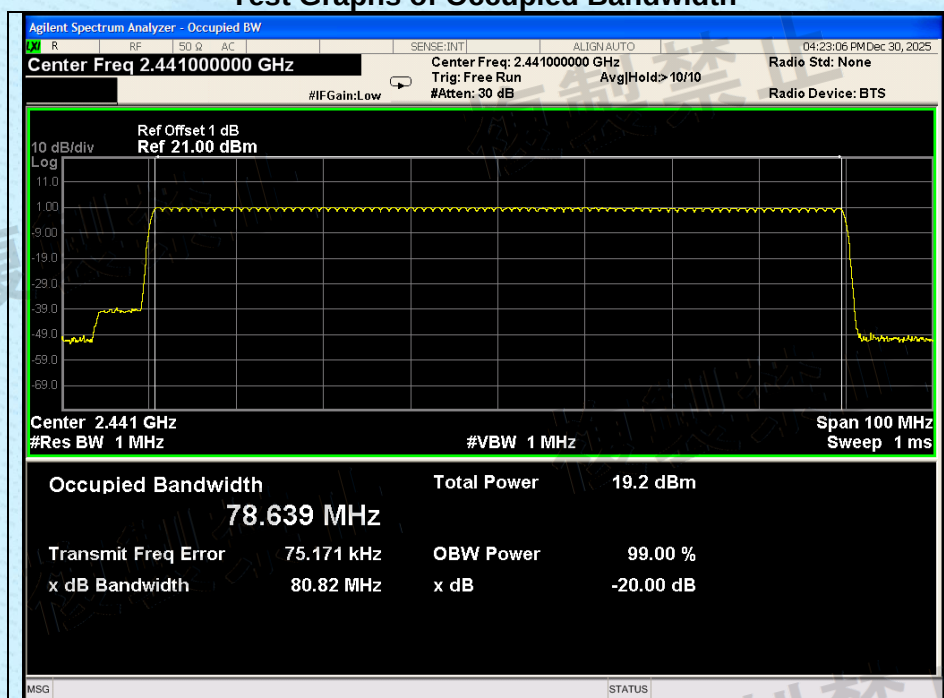
6.3 Occupy Bandwidth (99%) and Spread spectrum bandwidth (90%)

Test condition:	■ Hopping on ■ Test diffusion code and modulate with standard coding test signal
Spectrum set:	Test Frequency: test channel, RBW=VBW=1MHz, Span=100MHz, Sweep time=Auto, Detector mode=Positive peak
Limit:	83.5MHz or less (Occupy Bandwidth (99%))
Test setup:	 The diagram illustrates the test setup. A Spectrum Analyzer is connected via a red cable to an E.U.T. (Equipment Under Test). Both are placed on a Non-Conducted Table. Below the table is a Ground Reference Plane.
Test Instruments:	Refer to section 5.8 for details
Test mode:	Transmitting mode
Test results:	Pass

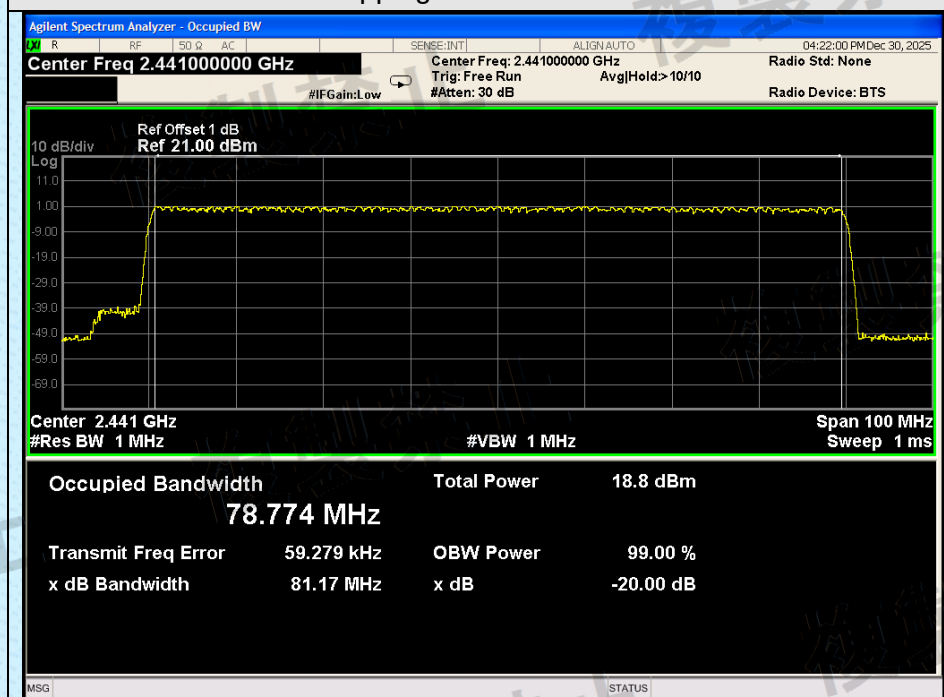
Measurement Data:

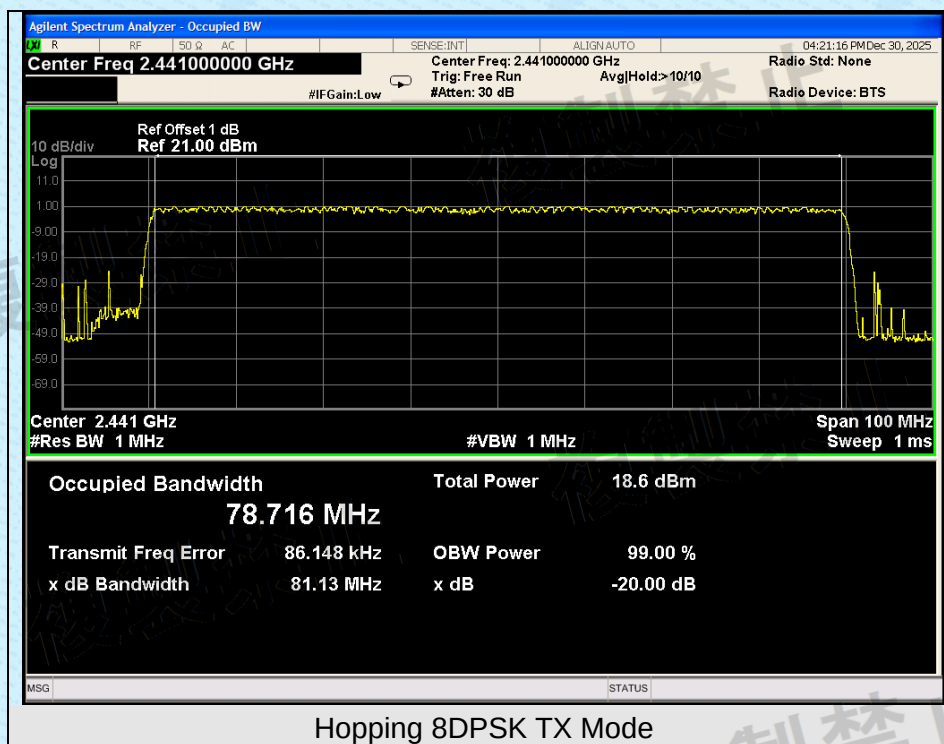
Test Data of Occupied Bandwidth and Spread Bandwidth				
Test Mode (FHSS)	Occupied Bandwidth (MHz)	Limit (MHz)	Spread Bandwidth (MHz)	Result
GFSK	78.639	<83.5	71.470	Pass
$\pi/4$ -DQPSK	78.774	<83.5	71.899	Pass
8DPSK	78.716	<83.5	71.424	Pass

Test Graphs of Occupied Bandwidth

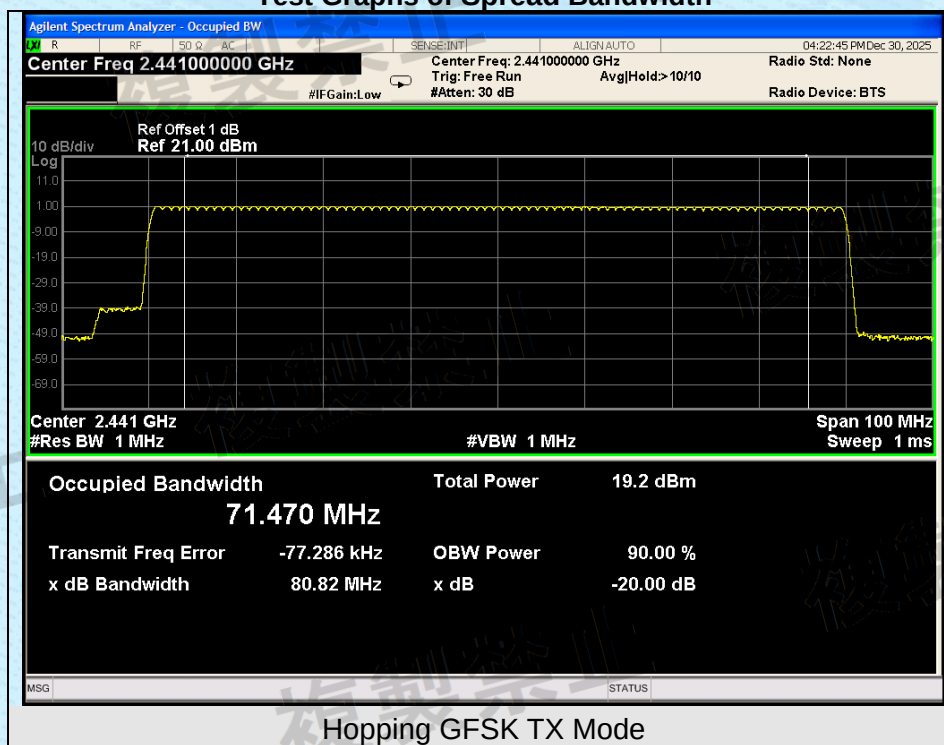


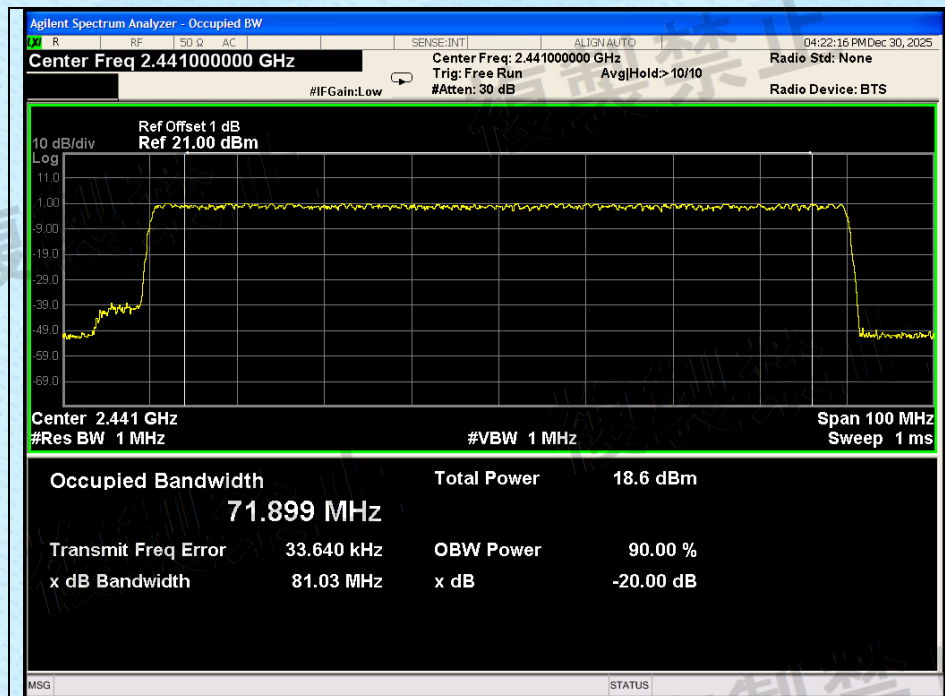
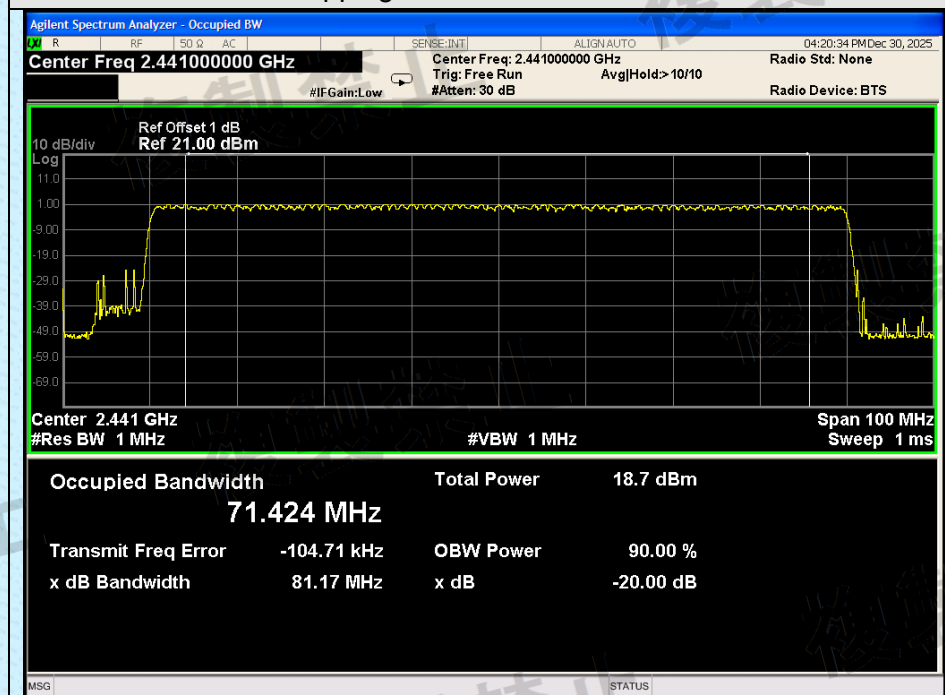
Hopping GFSK TX Mode

Hopping $\pi/4$ DQPSK TX Mode



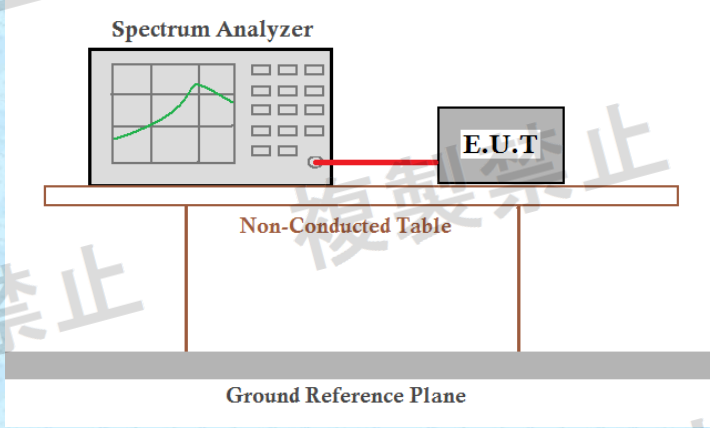
Test Graphs of Spread Bandwidth



Hopping $\pi/4$ DQPSK TX Mode

Hopping 8DPSK TX Mode

6.4 Dwell time

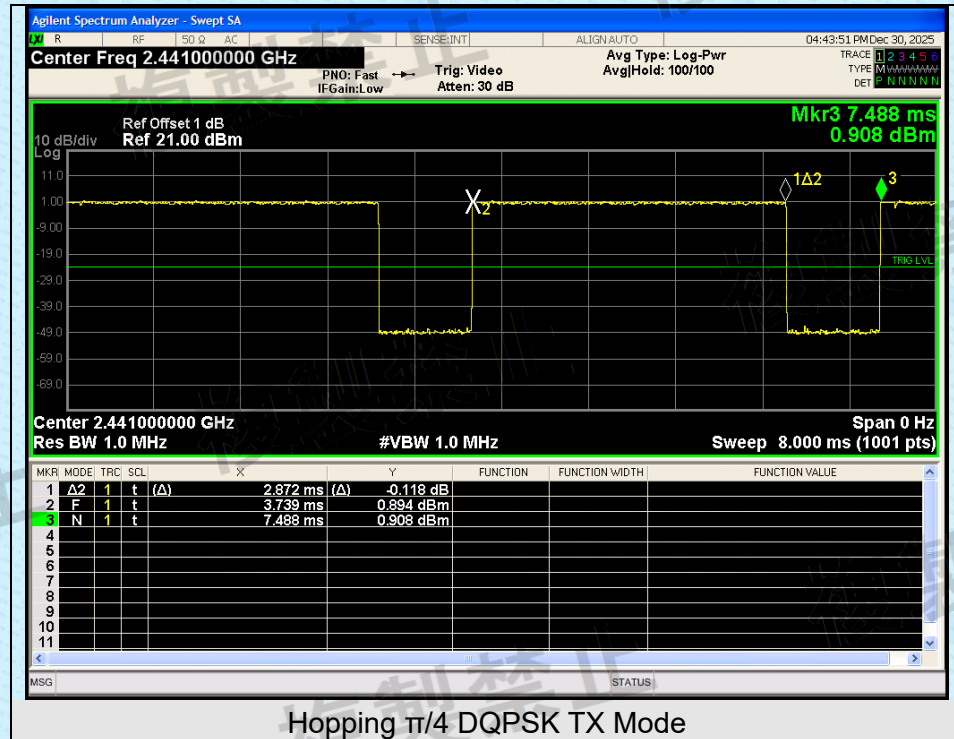
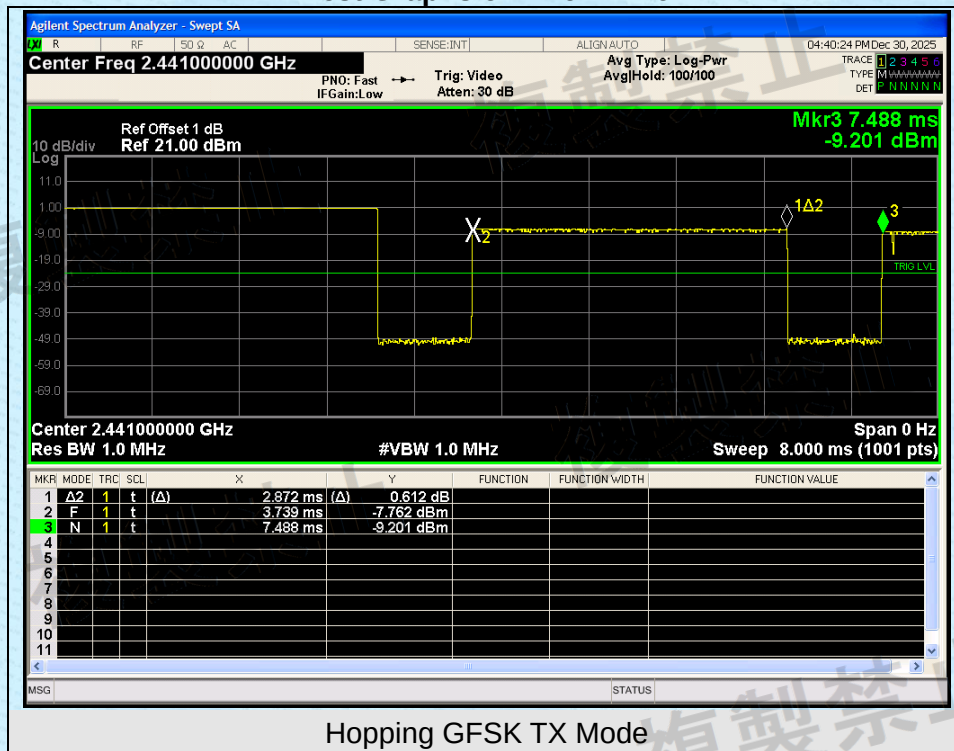
Test condition:	■ Hopping on ■ Test diffusion code and modulate with standard coding test signal
Spectrum set:	Test Frequency: test channel, RBW=VBW=1MHz, Span=0Hz, Detector mode=Positive peak
Limit:	0.4 second or less
Test setup:	 The diagram illustrates the test setup. A Spectrum Analyzer is connected via a red cable to an E.U.T. (Equipment Under Test). Both are placed on a Non-Conducted Table. Below the table is a Ground Reference Plane.
Test Instruments:	Refer to section 5.8 for details
Test results:	Pass

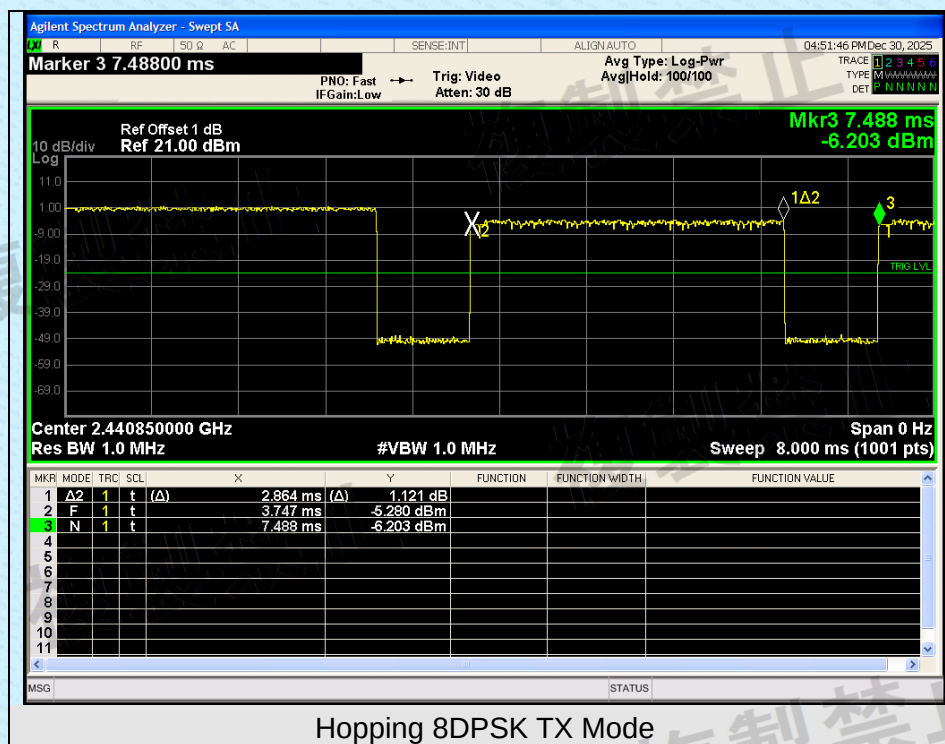
Measurement Data:

Test Mode	Burst Cycle(s)	Sending Time of 1 Burst(s)	Dwell Time[s]	Limit[s]	Result
GFSK	0.003739	0.002872	0.092	<0.4	PASS
$\pi/4$ DQPSK	0.003739	0.002872	0.092	<0.4	PASS
8DPSK	0.003747	0.002864	0.091	<0.4	PASS

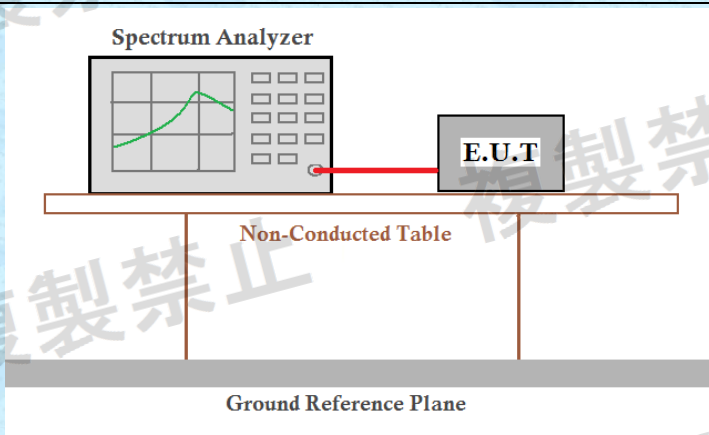
Dwell time $= (0.4(s) \times \text{spreading rate} \times \text{sending time of 1 burst(s)}) / (\text{burst cycle(s)} \times \text{No. of hopping channel})$
 Spreading rate = Spread bandwidth (actual measurement value)/Transmission rate
 No. of hopping channel=79

Test Graphs of Dwell Time





6.5 Spurious emission intensity

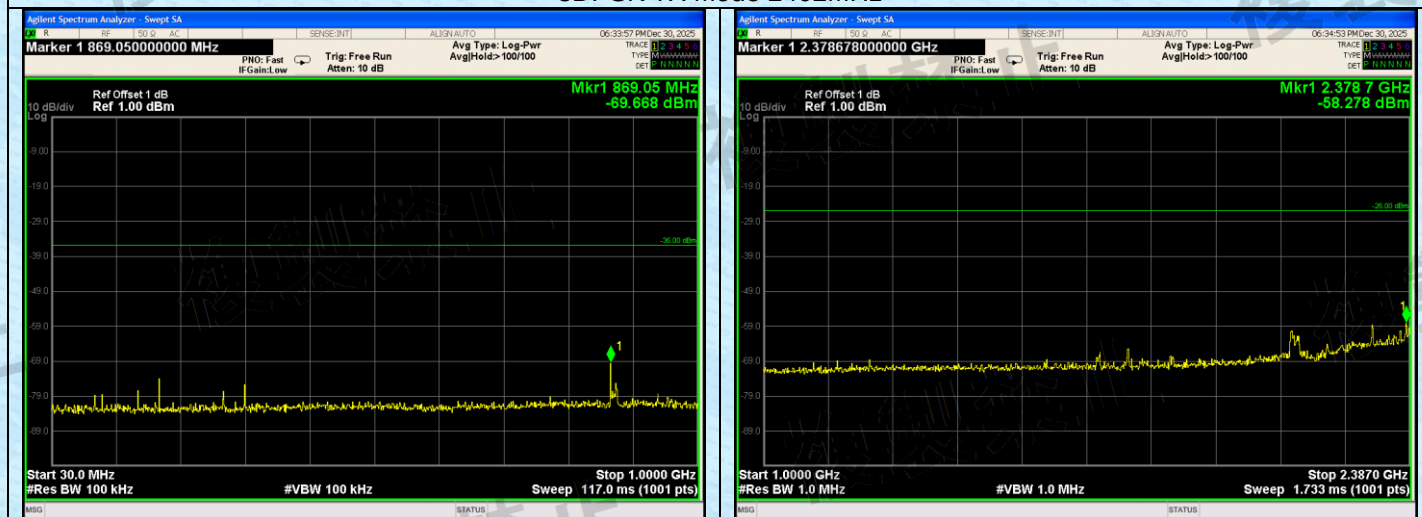
Test condition:	■ Hopping on ■ Test diffusion code and modulate with standard coding test signal
Measurement procedure:	Step 1 All spurious are measured from 30MHz to 13GHz by peak mode. Step 2 If the value measured by Step1 is 3dB or less to the limit, measure in average mode.
Spectrum set:	Step 1: Test Frequency: test channel, Below 1GHz, RBW=VBW=100KHz; Above 1GHz, RBW=VBW=1MHz, Sweep time=Auto, Detector mode=Positive peak Step 2: Test Frequency: spurious frequency Below 1GHz, RBW=VBW=100KHz; Above 1GHz, RBW=VBW=1MHz, Sweep time=Auto, Detector mode=Sample, Span=0Hz
Limit:	$\leq 2.5\mu\text{W}(-26\text{dBm})$ ($30\text{MHz} \leq f \leq 1000\text{MHz}$) $\leq 2.5\mu\text{W}(-26\text{dBm})$ ($1000\text{MHz} < f \leq 2387\text{MHz}$) $\leq 25\mu\text{W}(-16\text{dBm})$ ($2387\text{MHz} < f \leq 2400\text{MHz}$) $\leq 25\mu\text{W}(-16\text{dBm})$ ($2483.5\text{MHz} \leq f < 2496.5\text{MHz}$) $\leq 2.5\mu\text{W}(-26\text{dBm})$ ($2496.5\text{MHz} \leq f < 12500\text{MHz}$)
Test setup:	 The diagram illustrates the test setup. A Spectrum Analyzer is connected to an E.U.T (Equipment Under Test) via a red cable. Both the Spectrum Analyzer and the E.U.T are placed on a Non-Conducted Table. The table is supported by a Ground Reference Plane.
Test Instruments:	Refer to section 5.8 for details
Test results:	Pass

Measurement Data:

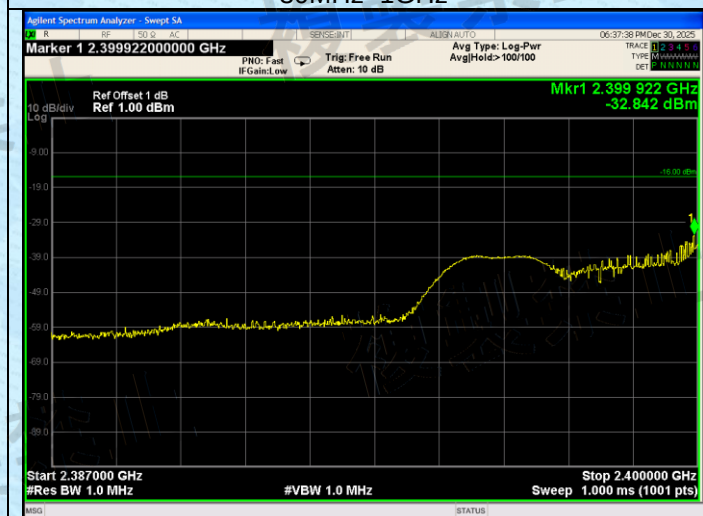
Note: All modes has been test, only the data of the worst case 8DPSK recorded in this test report.

Test freq. [MHz]	Test freq. range [MHz]	Freq. [MHz]	Result [(dBm/ 100kHz)]	Result [dBm/MHz]	Result [μW/MHz]	Limit [μW/MHz]	Result
2402	30-1000	800.18	-79.668	-69.668	0.00011	≤2.5	PASS
	1000-2387	2378.7	/	-58.278	0.00149	≤2.5	PASS
	2387-2400	2400	/	-32.842	0.51976	≤25	PASS
	2483.5-2496.5	2486.984	/	-51.083	0.00779	≤25	PASS
	2496.5-12500	6318	/	-45.325	0.02934	≤2.5	PASS
2441	30-1000	800.18	-83.308	-73.308	0.00005	≤2.5	PASS
	1000-2387	2346.8	/	-48.274	0.01488	≤2.5	PASS
	2387-2400	2393.461	/	-34.592	0.34738	≤25	PASS
	2483.5-2496.5	2489.168	/	-52.207	0.00602	≤25	PASS
	2496.5-12500	12260	/	-45.319	0.02938	≤2.5	PASS
2480	30-1000	800.18	-82.287	-72.287	0.00006	≤2.5	PASS
	1000-2387	2384.2	/	-59.014	0.00125	≤2.5	PASS
	2387-2400	2399.558	/	-37.304	0.18604	≤25	PASS
	2483.5-2496.5	2489.064	/	-51.887	0.00648	≤25	PASS
	2496.5-12500	6218	/	-45.414	0.02875	≤2.5	PASS

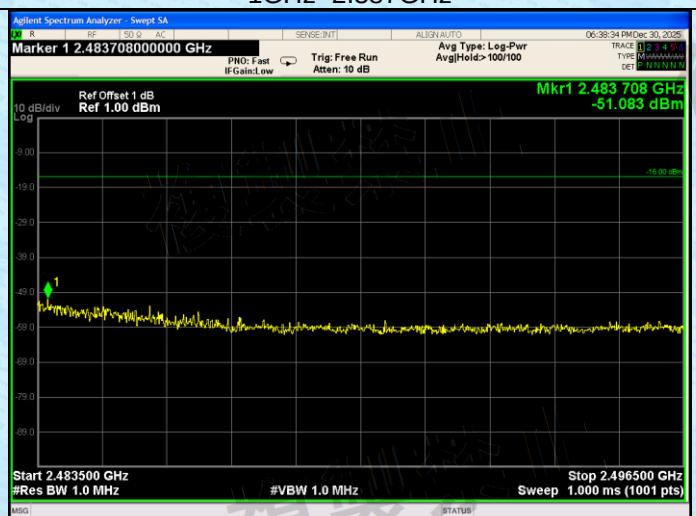
8DPSK TX Mode 2402MHz



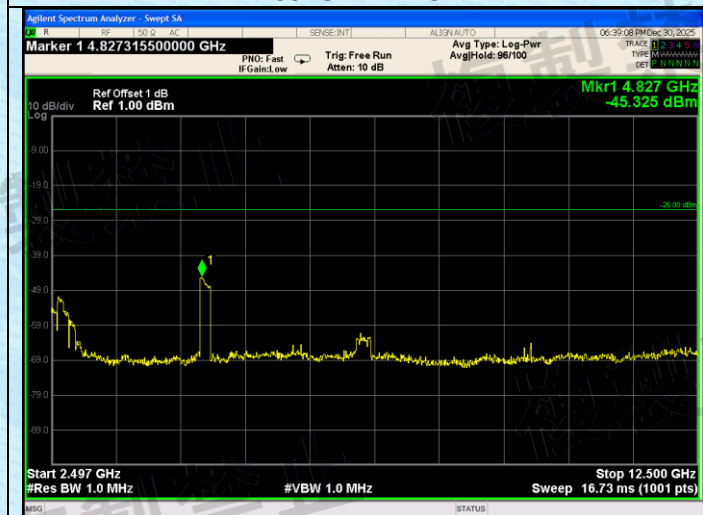
30MHz~1GHz



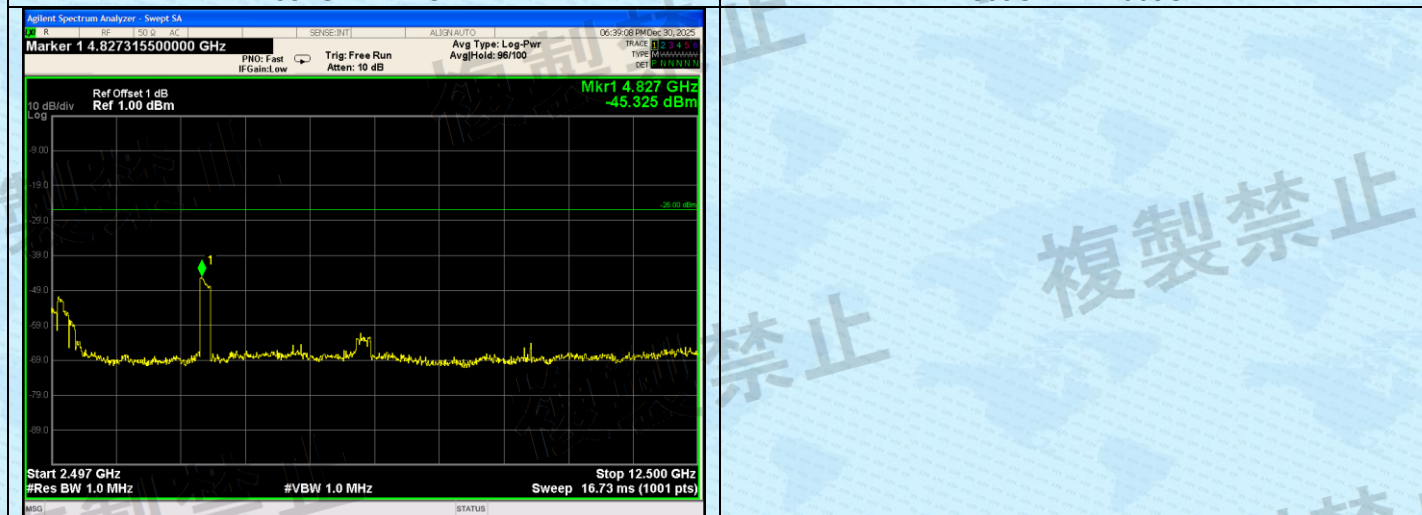
1GHz~2.387GHz



2.387GHz~2.4GHz

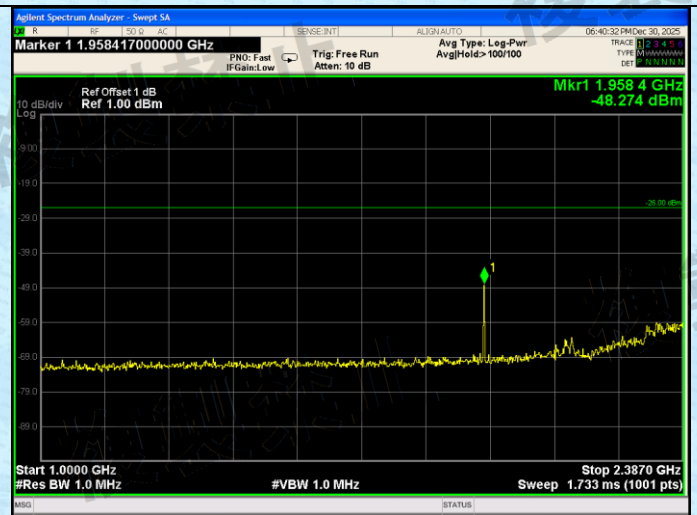
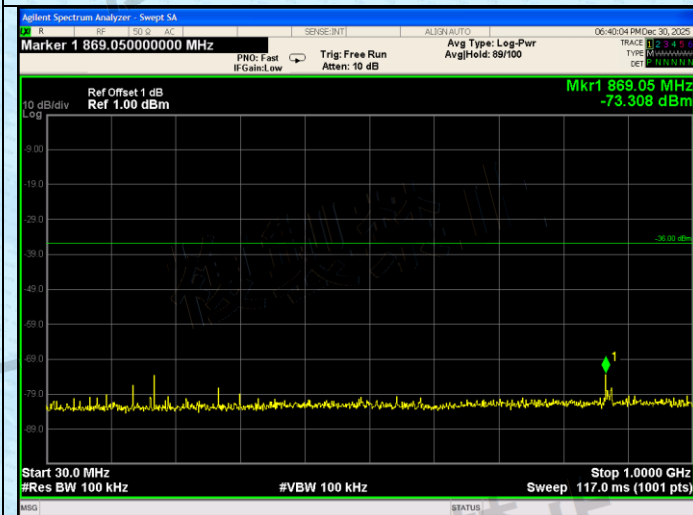


2.4835GHz~2.4965GHz

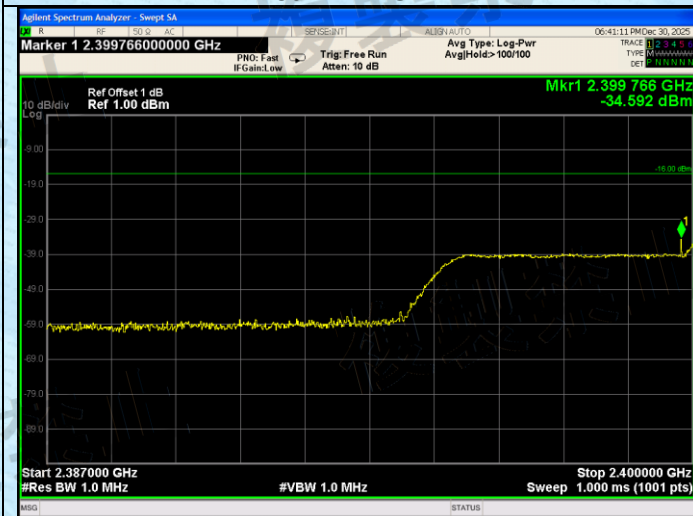


2.4965GHz~12.5GHz

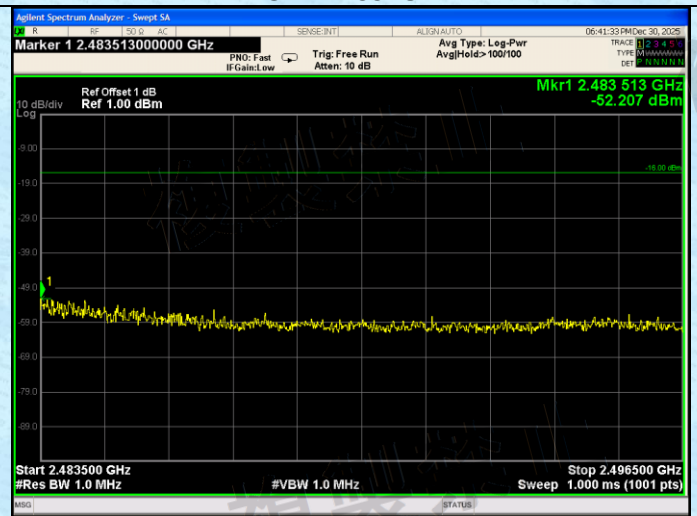
8DPSK TX Mode 2441MHz



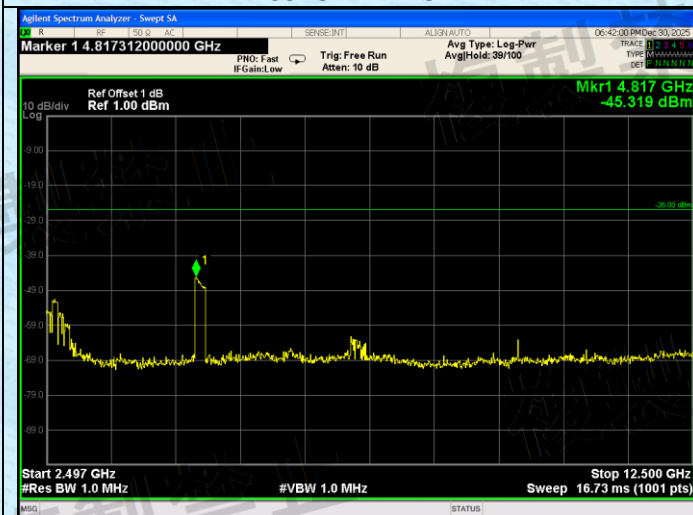
30MHz~1GHz



1GHz~2.387GHz



2.387GHz~2.4GHz



2.4835GHz~2.4965GHz

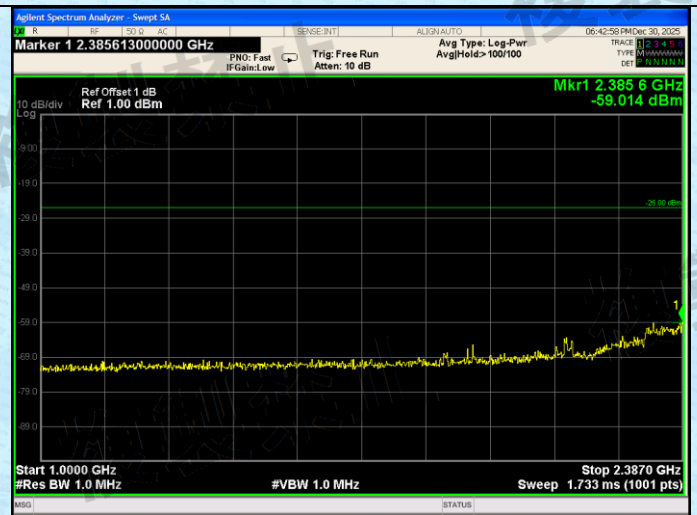
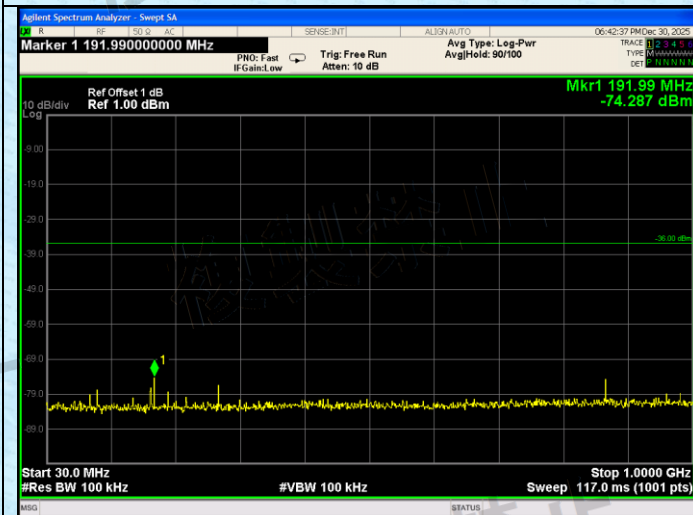
2.4965GHz~12.5GHz

Global United Technology Services Co., Ltd.

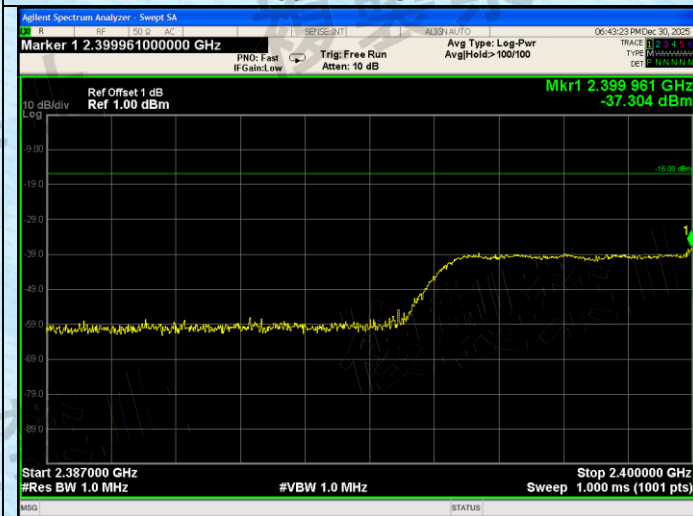
No.123-128, Tower A, Jinyuan Business Building, No.2, Laodong Industrial Zone,
Xixiang Road, Baoan District, Shenzhen, Guangdong, China 518102

Telephone: +86 (0) 755 2779 8480 Fax: +86 (0) 755 2779 8960

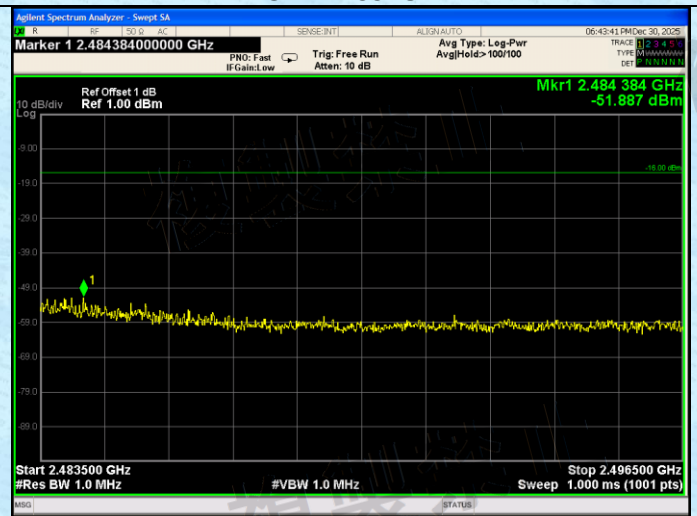
8DPSK TX Mode 2480MHz



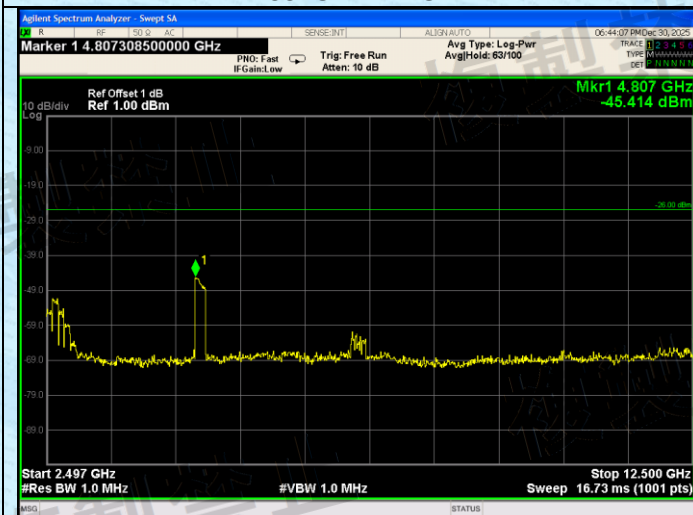
30MHz~1GHz



1GHz~2.387GHz



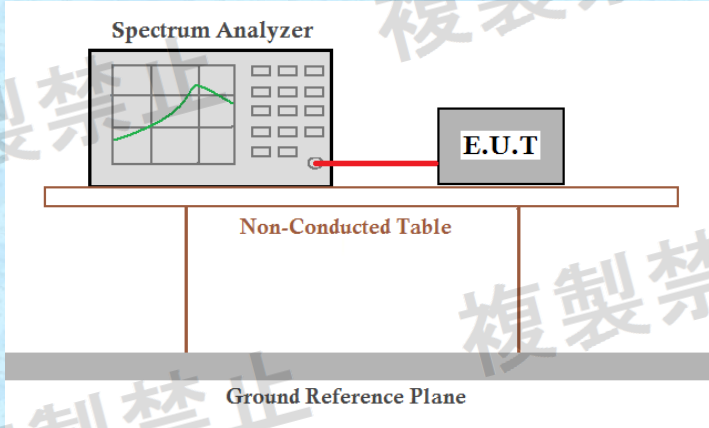
2.387GHz~2.4GHz



2.4835GHz~2.4965GHz

2.4965GHz~12.5GHz

6.6 Limit of secondary radiated emissions

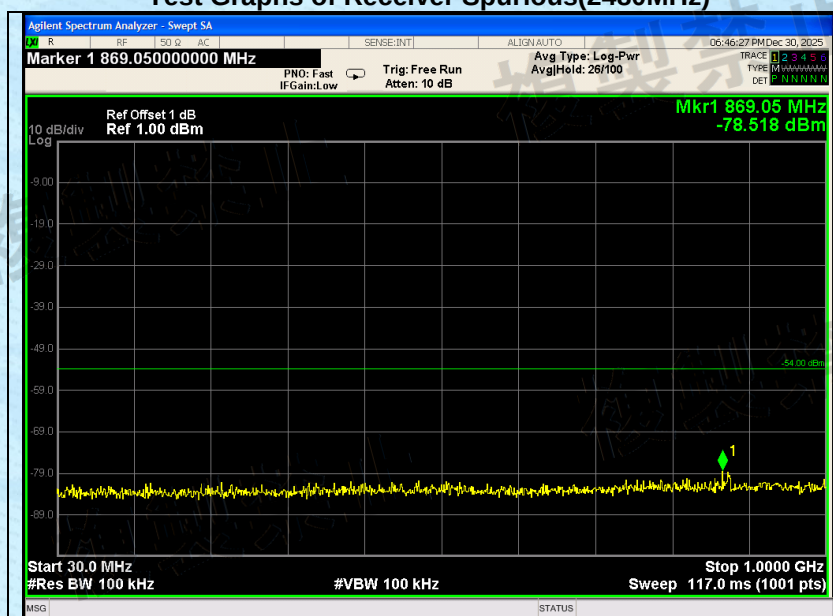
Test condition:	Receiving mode
Measurement procedure:	Step 1 All spurious are measured from 30MHz to 13GHz by peak mode. Step 2 If the value measured by Step1 is 3dB or less to the limit, measure in average mode.
Spectrum set:	Step 1: Test Frequency: test channel, Below 1GHz, RBW=VBW=100KHz; Above 1GHz, RBW=VBW=1MHz, Sweep time=Auto, Detector mode=Positive peak Step 2: Test Frequency: spurious frequency Test Frequency: test channel, Below 1GHz, RBW=VBW=100KHz; Above 1GHz, RBW=VBW=1MHz, Sweep time=Auto, Detector mode=Sample, Span=0Hz
Limit:	Below 1GHz: 4.0nW(-54dBm) or less Above 1GHz: 20nW(-47dBm) or less
Test setup:	 The diagram illustrates the test setup. A Spectrum Analyzer is connected to an E.U.T. (Equipment Under Test) via a red cable. Both the Spectrum Analyzer and the E.U.T. are placed on a Non-Conducted Table. The table is supported by a Ground Reference Plane.
Test Instruments:	Refer to section 5.8 for details
Test results:	Pass

Measurement Data:

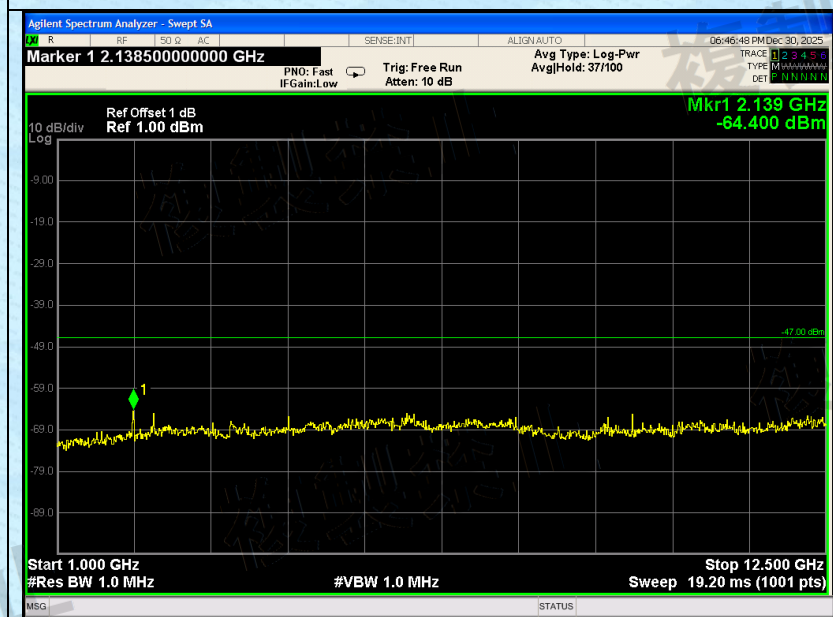
Test freq. [MHz]	Test freq. range [MHz]	Freq. [MHz]	Result [dBm]	Limit [dBm]	Result [μW]	Limit [μW]	Result
2480	30-1000	869.05	-78.518	≤-54.00	0.00001	≤4	PASS
	1000-12500	12139	-64.400	≤-47.00	0.00036	≤20	PASS

Note: The receiving mode for 8DPSK High channel is the worst case, and only the data of the worst case recorded in this test report.

Test Graphs of Receiver Spurious(2480MHz)



30~1000MHz



1000~13000MHz

6.7 Interference suppression

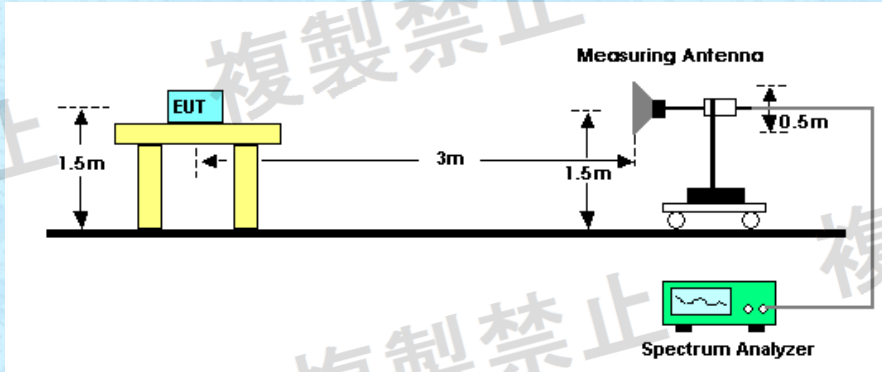
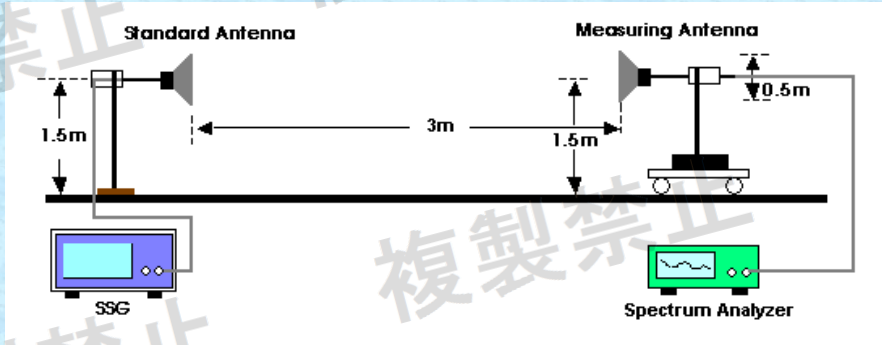
Measurement procedure:	(1) The radio equipment with automatic transmitting function of identification code a) Transmit the assigned identification code from the radio equipment. b) Confirm the identification code received by the demodulator. (2) The radio equipment with automatic receiving function of identification code a) Transmit the assigned identification code from the opposite equipment. b) Confirm that the usual communication is available. c) Transmit the identification code distinct from the assigned one from the opposite equipment. d) Confirm that the radio equipment is stopped or an indication is displayed as the identification code is different.		
Test setup:	Radio equipment	Dummy load Attenuator)	Demodulator
Test Instruments:	Refer to section 5.8 for details		
Test results:	Pass		

Measurement data:

Identification function:	Good
Mac address	5F-3B-07-FC-D2-7D

6.8 Equivalent Isotropic Radiated Power

Test condition:	Transmitting mode	
Measurement procedure:	1. Set EUT ad measuring antenna at the same height and roughly facing each other. 2. Move the measuring antenna height up and down within $\pm 50\text{cm}$ of EUT height and swing it to find the maximum output of the measuring antenna. The output level at the spectrum analyzer is read as "E". 3. Remove the EUT from the turn table and put the replacing antenna facing to measuring antenna at same height. Set the standard signal generator (SSG) at same frequency and transmit on then receive the signal. 4. Swing the replacing antenna give a maximum receiving level. 5. Move the measuring antenna height up and down within $\pm 50\text{cm}$ of replacing antenna height and swing it to find the maximum receiving level. 6. Set SSG output power at Pt to give the equivalent output level of "E" or calculate Pt with SSG output which gives the nearest of "E" and difference ($\pm 1\text{dB}$). Record the Pt. 7. Calculate EIRP by the formula below $\text{EIRP} = \text{Gt} - \text{L} + \text{Pt}$. Gt: gain of replacing antenna (dBi) L: feeder loss between SSG and replacing antenna Pt: Output power of the SSG 8. If the antenna for the EUT has circular polarization, sum of V-field and H-field will be result if measuring antenna is linear polarization.	
Spectrum set:	Spectrum Parameter	Setting
	Attenuation	Auto
	RB/VB	1 MHz
	Detector	Peak
	Trace	Max Hold
	Sweep Time	Auto
Limit:	$\leq 6.91\text{dBm/MHz}$ (FH) $\leq 12.14\text{dBm/MHz}$ (FH system from 2400 to 2427MHz and from 2470.75 to 2483.5MHz, OFDM, DS 20MHz system) $\leq 12.14\text{dBm}$ (Others) $\leq 9.13\text{dBm/MHz}$ (OFDM 40MHz system) Note: This test item is not applied for radio equipment with equivalent isotropic radiation power lower than 6.91dBm/MHz, but Antenna Power(Conducted) limit is 3 mW/MHz (4.77 dBm/MHz), So the test item	

	will not be applied to the transmission antenna which has a gain of 2.14dBi or less
Test setup:	For EUT radiation measurement  For standard antenna measurement 
Test Instruments:	Refer to section 5.8 for details
Test results:	Pass

Measurement Data:

Test Mode (FHSS)	Conducted RF output power density (dBm/MHz)	Gain (dBi)	Measured EIRP (dBm/MHz)	Limit (dBm/MHz)	Verdict
GFSK	1.006	3.04	0.057	6.91	PASS
$\pi/4$ DQPSK	1.548	3.04	0.064		PASS
8DPSK	1.909	3.04	0.069		PASS

7 Test Setup Photo

Reference to the **appendix I** for details

8 EUT Constructional Details

Reference to the **appendix II** for details

-----End-----