



Shenzhen GUOREN Certification Technology Service Co., Ltd.

101#, Building K & Building T, The Second Industrial Zone, Jiazitang Community,
Fenghuang Street, Guangming District, Shenzhen, China

TEST REPORT

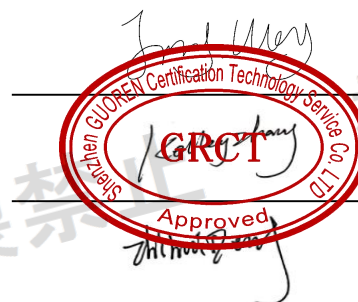
Ordinance Article 2 paragraph 1 item (19)

Report Reference No..... : GRCTR260802001-01

Compiled by
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Date of issue..... : Aug. 14, 2026

Testing Laboratory Name : Shenzhen GUOREN Certification Technology Service Co., Ltd.

Address..... : 101#, Building K & Building T, The Second Industrial Zone, Jiazitang
Community, Fenghuang Street, Guangming District, Shenzhen, China

Applicant's name..... : Zhejiang Yulu Electronic Technology Co., Ltd.

Address..... : Room 805, 8th Floor, XianfengTechnology Building, 298 Weiye
Road,Binjiang District, Hangzhou,Zhejiang Province, China

Test specification..... :

Standard..... : Ordinance Article 2 paragraph 1 item (19)

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Test item description..... : **Vibration plate**

Trade Mark..... : /

Manufacturer..... : Zhejiang Yulu Electronic Technology Co., Ltd.

Model/Type reference..... : MR-2533

Listed Models : TUD-335,MR-2608,TUD-335F

Firmware Version..... : V1.0

Hardware Version..... : V1.0

Modulation : GFSK

Frequency..... : From 2402MHz-2480MHz

Ratings..... : AC 100-240V 50/60Hz

Result..... : **PASS**

TEST REPORT

Equipment under Test : Vibration plate

Model /Type : MR-2533

Listed Models : TUD-335,MR-2608,TUD-335F

Applicant : **Zhejiang Yulu Electronic Technology Co., Ltd.**

Address : Room 805, 8th Floor, Xianfeng Technology Building, 298 Weiye Road,Binjiang District, Hangzhou,Zhejiang Province, China

Manufacturer : **Zhejiang Yulu Electronic Technology Co., Ltd.**

Address : Room 805, 8th Floor, Xianfeng Technology Building, 298 Weiye Road,Binjiang District, Hangzhou,Zhejiang Province, China

Test Result:	PASS
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The test report merely corresponds to the test sample.
It is not permitted to copy extracts of these test result without the written permission of the test laboratory.

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1 SUMMARY

1.1 Test Standards

The tests were performed according to following standards:

[ARIB STD-T66](#): Second-Generation Low-Power Data Communication System/Wireless LAN System
[MIC Notice No.88 Appendix No. 43](#): 2.4 GHz band wide-band low-power data communication system

1.2 Test Description

ARIB STD-T66		
CLAUSE	Description of Test (Transmitter Parameters)	Result
3.2 (2)	Antenna Power	Complies
3.2 (3)	Tolerances for Antenna Power	Complies
3.2 (4)	Frequency Tolerance	Complies
3.2 (5)	Transmission Rate	Complies
3.2 (7)	Occupied Frequency Bandwidth	Complies
3.2 (8)	Spread Bandwidth	Complies
3.2 (11)	Dwell Time	N/A
3.2 (6)	Spurious Emissions	Complies
3.6	Transmission Antenna Gain (EIRP Antenna Power)	N/A
3.6	Transmission Radiated Angle Width (3dB Beam width)	N/A
/	Interference prevention function	Complies
/	Carrier Sensing function	N/A
Receiver Parameters		
3.3 (1)	Secondary Radiated Emissions	Complies

Note: (1) N/A is an abbreviation for Not Applicable.
 (2) N/T means this test item is not tested.

Note: 1: "N/A" denotes test is not applicable in this Test Report

2: MIC Public Notice 88:2004, annex 1 and annex 43

3: MIC Ordinance Regulating Radio Equipment Section 4.17 of Article 49.20

4: Referenced in the standard ARIB STD-T66

1.3 TEST ENVIRONMENT

1.3.1 Address of the test laboratory

Shenzhen GUOREN Certification Technology Service Co., Ltd.

101#, Building K & Building T, The Second Industrial Zone, Jiazitang Community, Fenghuang Street, Guangming District, Shenzhen, China

1.3.2 Test Facility

FCC-Registration No.: 920798 Designation Number: CN1304

Shenzhen GUOREN Certification Technology Service Co., Ltd. has been listed on the US Federal Communications Commission list of test facilities recognized to perform electromagnetic emissions measurements.

A2LA-Lab Cert. No.: 6202.01

Shenzhen GUOREN Certification Technology Service Co., Ltd. has been listed by American Association for Laboratory Accreditation to perform electromagnetic emission measurement.

ISED#: 27264 CAB identifier: CN0115

Shenzhen GUOREN Certification Technology Service Co., Ltd. has been listed by Innovation, Science and Economic Development Canada to perform electromagnetic emission measurement.

CNAS-Lab Code: L15631

Shenzhen GUOREN Certification Technology Service Co., Ltd. has been assessed and proved to be in compliance with CNAS-CL01 Accreditation Criteria for Testing and Calibration Laboratories for the Competence of Testing and Calibration Laboratories.

The 3m-Semi anechoic test site fulfils CISPR 16-1-4 according to ANSI C63.10 and CISPR 16-1-4:2010.

1.4 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
Frequency error / 99%&90% bandwidth	$\pm 1.58 \times 10^{-6}$
Total RF power, conducted	$\pm 0.7\text{dB}$
Spurious emissions, conducted	$\pm 0.7\text{dB}$
DC and low frequency voltages	$\pm 0.04\%$
Humidity	$\pm 5\%$
Temperature	$\pm 1^\circ\text{C}$

2 GENERAL INFORMATION

2.1 General Remarks

Date of receipt of test sample	:	Aug. 10, 2026
Testing commenced on	:	Aug. 10, 2026
Testing concluded on	:	Aug. 14, 2026

2.2 Environmental conditions

During the measurement the environmental conditions were within the listed ranges:

Voltage	Normal Voltage	AC 100V
	High Voltage	AC 110V
	Low Voltage	AC 90V
Other	Normal Temperature	25°C
	Relative Humidity	55 %
	Air Pressure	989 hPa

Note: As the EUT was powered by AC 100-240V 50/60Hz, and with the voltage stabilizing circuit used, the chip voltage received floating not exceed $\pm 1\%$ of nominal condition when working on extreme voltage, so all test performed at nominal voltage only.

2.3 General Description of EUT

Product Name:	Vibration plate
Model/Type reference:	MR-2533
Listed Models:	TUD-335,MR-2608,TUD-335F
Power supply:	AC 100-240V 50/60Hz
Bluetooth	
Supported type:	Bluetooth for low Energy
Modulation:	GFSK
Operation frequency:	2402MHz to 2480MHz
Channel number:	40
Channel separation:	2 MHz
Rated power	3.0 mW
Antenna type:	PCB antenna
Antenna gain:	-0.58 dBi
Remark: Their electrical circuit design, layout, components used and internal wiring are identical. Only the product's appearance (for example, the product's armrest support) and body color are different. The appearance of product MR-2608 has an additional metal handrail compared to MR-2533.	

Note: For more detailed features description, please refer to the manufacturer's specifications or the User's Manual.

Their electrical circuit design, layout, components used and internal wiring are identical. Only the product appearance, body color, pattern, sales customers, and sales regions are different.

2.4 Description of Test Modes

The EUT has been tested under typical operating condition. The Applicant provides communication tools software to control the EUT for staying in continuous transmitting and receiving mode for testing.

Operation Frequency List BLE:

Channel	Frequency (MHz)
00	2402
01	2404
02	2406

⋮	⋮
19	2440
⋮	⋮
37	2476
38	2478
39	2480

Note: Test performed at the lowest/middle/highest frequencies selected in the list above for EUT supported while working on specified mode.

2.5 Measurement Instruments List

Item	Test Equipment	Manufacturer	Model No.	Equipment No.	Cal. Institution	Calibration Date	Calibration Due Date
1	Spectrum Analyzer	Agilent	N9020A	GRCTEE002	Lisai	2025/09/11	2026/09/10
2	DC Power Supply	Hong Kong longwei instrumentation Co., Ltd	LW-3010KDS	GRCTES031	CEMT	2025/09/11	2026/09/10
3	Power Meter	Agilent	U2021X	GRCTEE063	Lisai	2025/09/11	2026/09/10
4	RF controller switch	Tonscend	JS0806-F	GRCTES051	Lisai	2025/09/11	2026/09/10
5	Signal Generator	R&S	SML03	GRCTEE006	Lisai	2025/09/11	2026/09/10
6	Digital multimeter	Shenzhen Shengli High Electronic Technology Co., Ltd	VICTOR 203	GRCTES024	CEMT	2025/09/11	2026/09/10
7	Digital oscillograph	Tektronix	TDS1012	GRCTES003	CEMT	2025/09/12	2026/09/11

Calibration by the calibration agencies listed in the table correspond to Article 102-18 paragraph(1) in the Radio Law".

Lisai-Guangzhou Lisai Metrology & Test Co., Ltd.

CEMT-Shenzhen Zhongdian Metrology and Testing Technology Co., Ltd.

Remark:

(a) Calibration conducted by Guangzhou Lisai Metrology & Test Co., Ltd.(hereinafter referred to as "Lisai") and Shenzhen Zhongdian Metrology and Testing Technology Co., Ltd.(hereinafter referred to as "CEMT") or a designated calibration agency under Article 102-18 paragraph(1) in JRL.

(b) Correction conducted pursuant to the provisions of Article 135 or Article 144 of the Measurement Act (Act No. 51 of 1992).

(c) Calibration conducted in countries except Japan, which shall be equivalent to the calibration conducted by the GRG and CEMT or a designated calibration agency under Article 102-18 paragraph (1).(d) Calibration, etc. conducted by using measuring instruments and other equipment listed in the right column of appended table No. 3, which shall have been given any type of calibration, etc. listed above from (a) to (c)

From JRL Article 24-2, paragraph 4, Item 2.

Notice: Calibration duration for above equipments is 1 year.

2.6 Table for Parameters of Test Software Setting

During testing, Channel & Power Controlling Software provided by the customer was used to control the operating channel as well as the output power level. The RF output power selection is for the setting of RF output power expected by the customer and is going to be fixed on the firmware of the final end product.

Power Parameters:

Test Software Version	Bluetooth MP Tool		
Frequency	2402MHz	2440MHz	2480MHz

Bluetooth	Default	Default	Default
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2.7 Description of Test Modes

Tested channel, Frequency and Modulation Information		
CH00	2402MHz	GFSK
CH19	2440MHz	GFSK
CH39	2480MHz	GFSK
Note: According exploratory test, EUT has maximum output power for GFSK modulation, All the test modes were tested, but only the worst case was recorded in this report.		

2.8 Test Voltage

POWER SUPPLY VOLTAGE FLUCTUATION TEST

Voltage Fluctuation Test	Normal Voltage	High Voltage +10% of Normal Voltage	Low Voltage -10% of Normal Voltage
Input To EUT	AC 100V	AC 110V	AC 90V
Output To RF Module	DC 3.3V	DC 3.3V	DC 3.3V
Voltage Variation (%)	0	0	0

Note:

Voltage Variation (%)

= (Output high or Low Voltage - Output Normal Voltage) / Output Normal Voltage * 100

During the input supply voltage to the EUT from the external power source is varied by +/- 10%, if output voltage had been confirmed that the fluctuation of power supply to the RF circuit of EUT (excluding power source) is equal to or less than +/-1%. Exempt extremely high and low supply voltage condition test, EUT only operated in normal voltage to test all regulations.

The sample power supply was confirmed that input voltage variation at the radio unit in the radio equipment to be tested is less than +1% against a variation of +10% at the input voltage from the external power supply to the radio equipment, and the radio equipment was designed so as to be operated in a specified voltage variation limit within +10%, Radio can only tested at rated voltage.

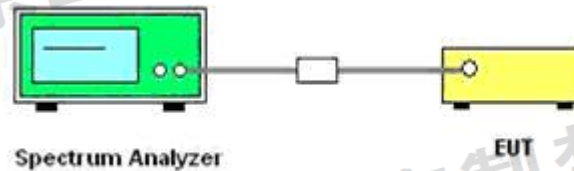
3 Test conditions and Results

3.1 Frequency Error

LIMIT

Tolerance of frequency shall be $\pm 50 \times 10^{-6}$.

TEST CONFIGURATION



TEST PROCEDURE

The EUT was directly connected to the spectrum analyser and antenna output port as show in the block diagram as TEST CONFIGURATION shows.

EUT Condition: non-modulation

Spectrum Condition:

Frequency: test frequency

Span: 1 MHz

RBW: 10 KHz

VBW: 10 KHz

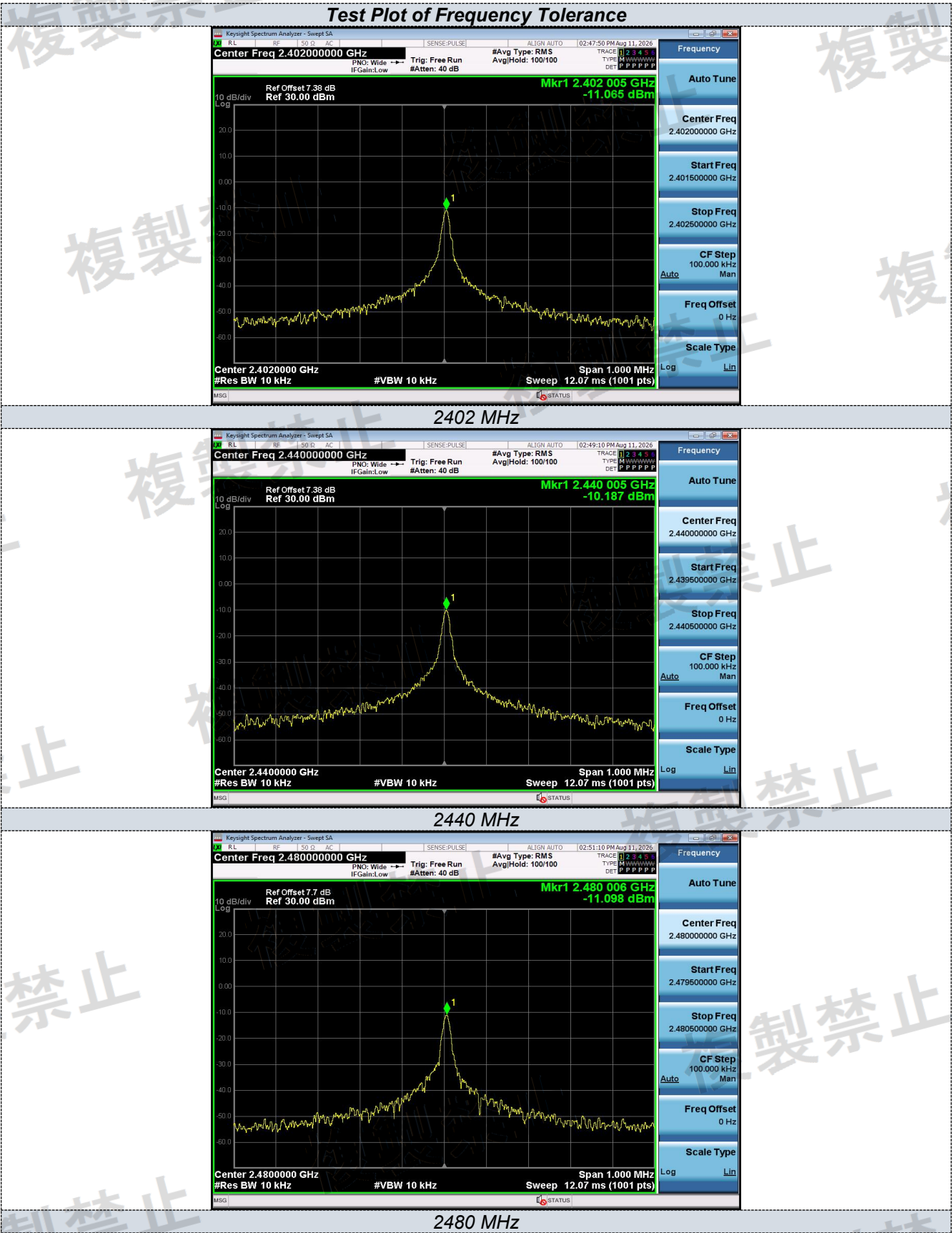
Sweep time: Auto

Detector mode: Positive peak

Indication mode: max hold

TEST RESULTS

Test Condition	Frequency (MHz)	Read (MHz)	Deviation (MHz)	Tolerance (ppm)	Limit (ppm)	Result
Non-modulation	2402.00	2402.005	0.005	2.08160	±50.00	Pass
	2440.00	2440.005	0.005	2.04918		
	2480.00	2480.006	0.006	2.41936		



3.2 Antenna Output Power and Output Power Tolerance

LIMIT

- $\leq 3 \text{ mW /MHz}$ (FHSS from 2402-2480 MHz)
- $\leq 10 \text{ mW/MHz}$ (OFDM, DSSS from 2400-2483.5 MHz)
- $\leq 10 \text{ mW}$ (other from 2400-2483.5 MHz)

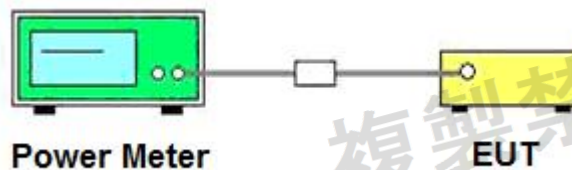
The Output Power Tolerance must be less than +20%.

E.i.r.p:

- $\leq 12.14 \text{ dBm/MHz}$ (OFDM, DS form 2400-2483.5 MHz)

Note: E.I.R.P will not be applied to the transmission antenna which has a gain of 2.14dBi or less.

TEST CONFIGURATION



TEST PROCEDURE

- EUT have transmitted continuous maximum power
- Antenna Power Error is definition that actual measure antenna power tolerance less than +20% power range that base on manufacturer declare the conducted power density.

TEST RESULTS

Conducted Antenna Power

Mode	Channel (MHz)	Average burst power (dBm)	Output power (mW)	Limit (mW)	Rated output power (mW)	Tolerance (%)	Limit	Result
GFSK 1Mbps	2402	4.26	2.6669	10	3.0	-11.10%	20%	Pass
	2440	4.38	2.7416	10	3.0	-8.61%		
	2480	5.01	3.1696	10	3.0	5.65%		
GFSK 2Mbps	2402	4.95	3.1261	10	3.0	4.20%	20%	Pass
	2440	4.23	2.6485	10	3.0	-11.72%		
	2480	4.81	3.0269	10	3.0	0.90%		

Note:

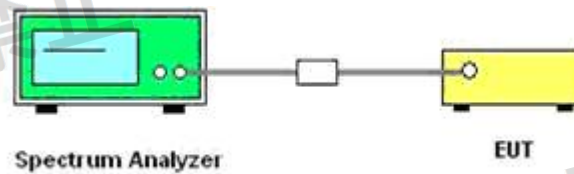
- Test Result: Pass.

3.3 Occupied Bandwidth and Spreading Bandwidth

LIMIT

- Occupied bandwidth: FH $\leq$ 83.5 MHz; OFDM $\leq$ 40 MHz; DS $\leq$ 26 MHz; Others $\leq$ 26 MHz
- Spread Bandwidth: $\geq$ 500 kHz (FH, DS)
- Spread factor >5 .

TEST CONFIGURATION



TEST PROCEDURE

Setting of SA is following as follow:

RBW: 300 kHz

VBW: 300 kHz

Sweep time: Auto

Sweep Mode: Continuous sweep

Detect mode: Positive peak

Trace mode: Max hold

EUT have transmitted the maximum modulation signal and fixed channelize. SA set to 99% of occupied bandwidth to measure occupied bandwidth.

EUT have transmitted the maximum modulation signal and fixed channelize. SA set to 90% of occupied bandwidth to measure spread bandwidth.

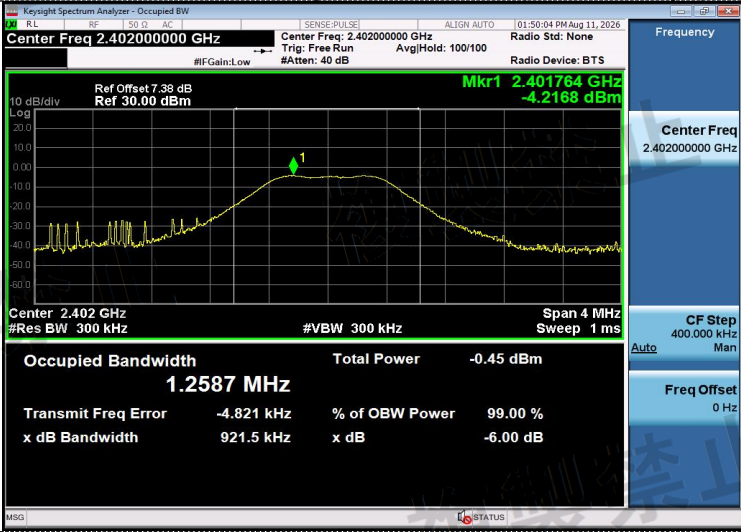
Spread Factor=Spread Bandwidth/modulation rate.

TEST RESULTS

99% Occupied Bandwidth

Type	Channel (MHz)	Occupied Bandwidth (MHz)	Limit (MHz)	Result
GFSK 1Mbps	2402	1.259	<26	Pass
	2440	1.258		
	2480	1.262		
GFSK 2Mbps	2402	2.162	<26	Pass
	2440	2.164		
	2480	2.166		

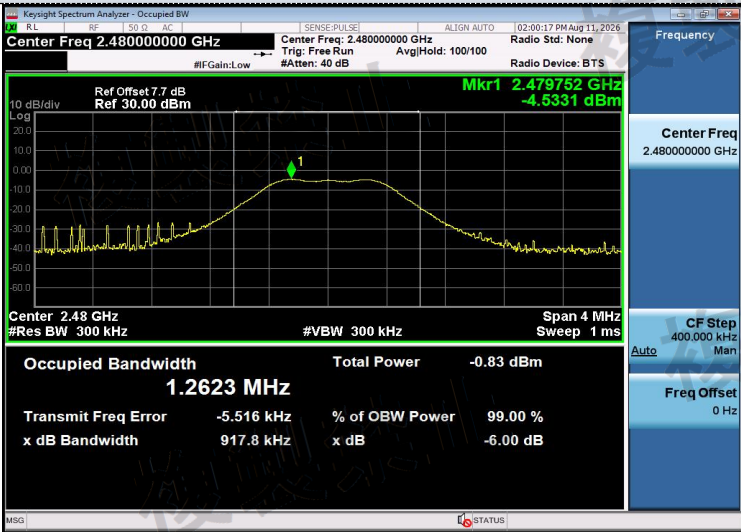
Test Plot of 99% Occupied Bandwidth (GFSK 1 Mbps)



2402 MHz

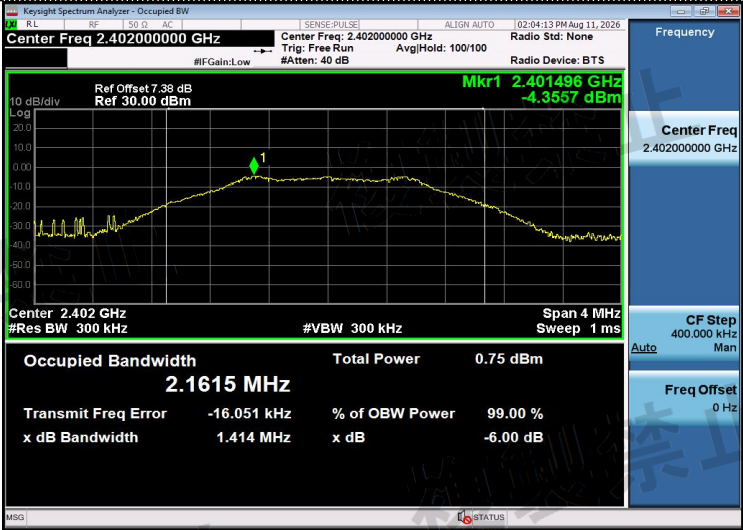


2440 MHz



2480 MHz

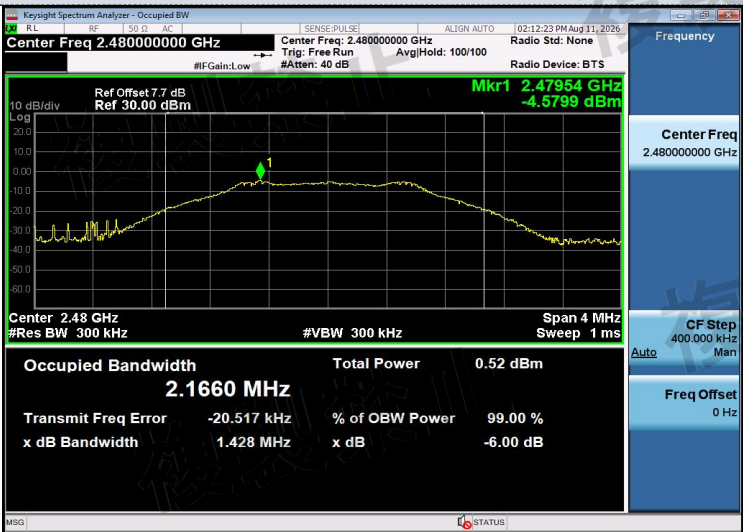
Test Plot of 99% Occupied Bandwidth (GFSK 2Mbps)



2402 MHz



2440 MHz



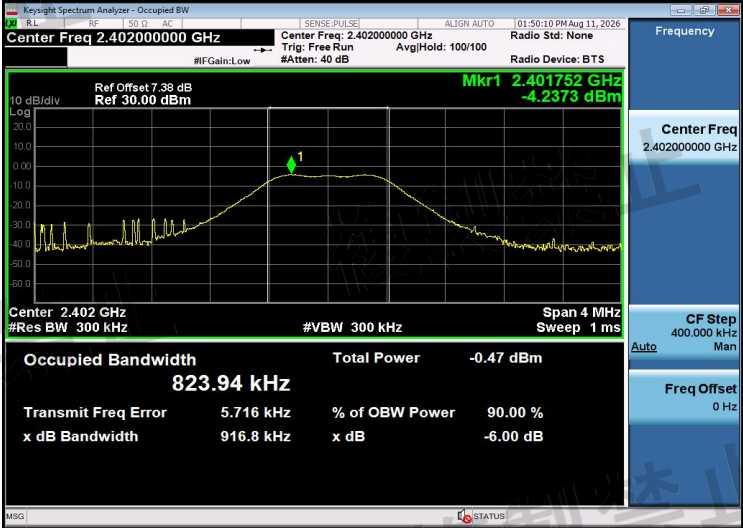
2480 MHz

90% Spread Bandwidth

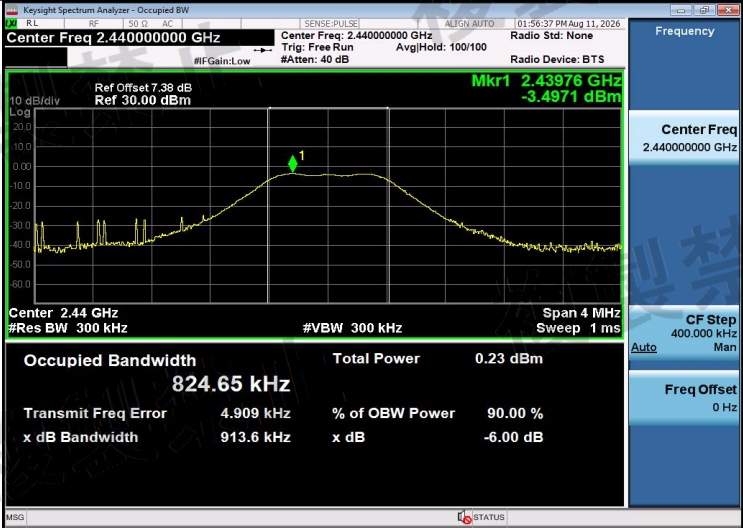
Type	Channel (MHz)	Spread Bandwidth (MHz)	Spread Factor	Spread Bandwidth Limit (MHz)	Spread Factor Limit	Result
GFSK 1Mbps	2402	0.824	N/A	≥ 0.5	N/A	Pass
	2440	0.825				
	2480	0.825				
GFSK 2Mbps	2402	1.365	N/A	≥ 0.5	N/A	Pass
	2440	1.367				
	2480	1.372				

Note: N/A means not applicable to this modulation type.

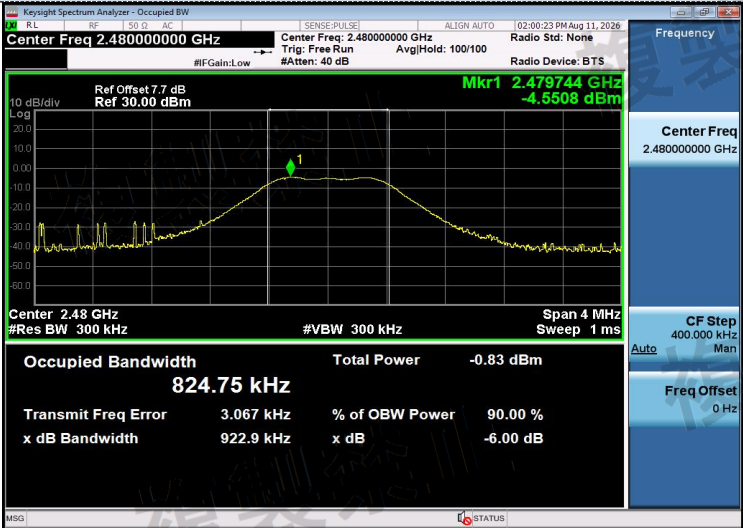
Test Plot of 90% Spread Bandwidth(GFSK 1 Mbps)



2402 MHz

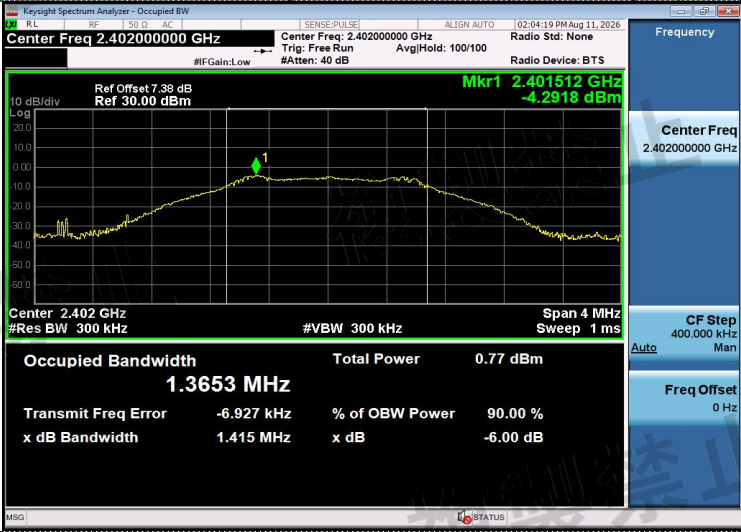


2440 MHz



2480 MHz

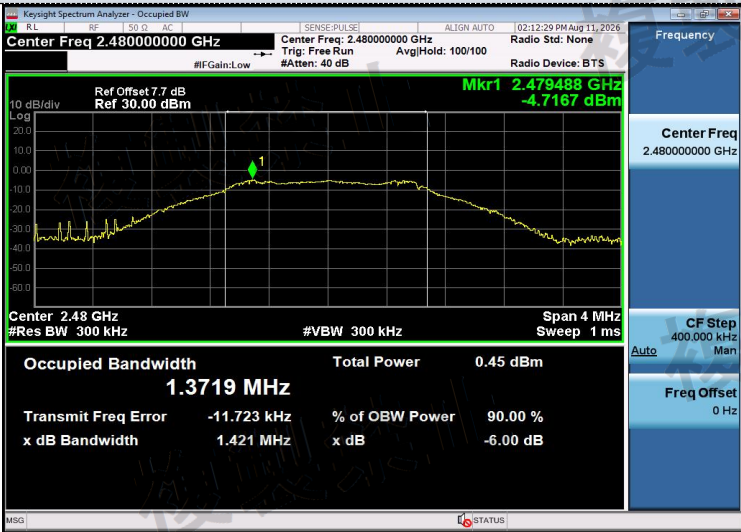
Test Plot of 90% Spread Bandwidth(GFSK 2Mbps)



2402 MHz



2440 MHz



2480 MHz

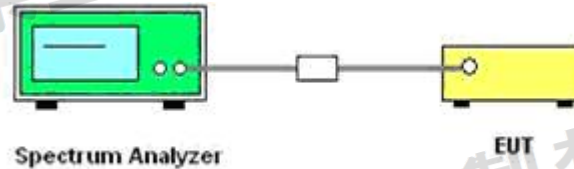
3.4 Unwanted Emission Strength

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 $2,483.5\text{MHz} < f \leq 2,496.5\text{MHz}$ $25 \mu\text{W}$ or less
 b. $2,387\text{MHz} > f$ and $2,496.5\text{MHz} < f$ $2.5 \mu\text{W}$ or less

TEST CONFIGURATION



TEST PROCEDURE

The EUT was directly connected to the spectrum analyser and antenna output port as show in the block diagram as TEST CONFIGURATION shows.

EUT Condition: modulation

Spectrum Condition:

Frequency: 30MHz-13.0GHz

RBW: 1MHz (30MHz-13.0GHz)

VBW: 1MHz (30MHz-13.0GHz)

Sweep time: Auto

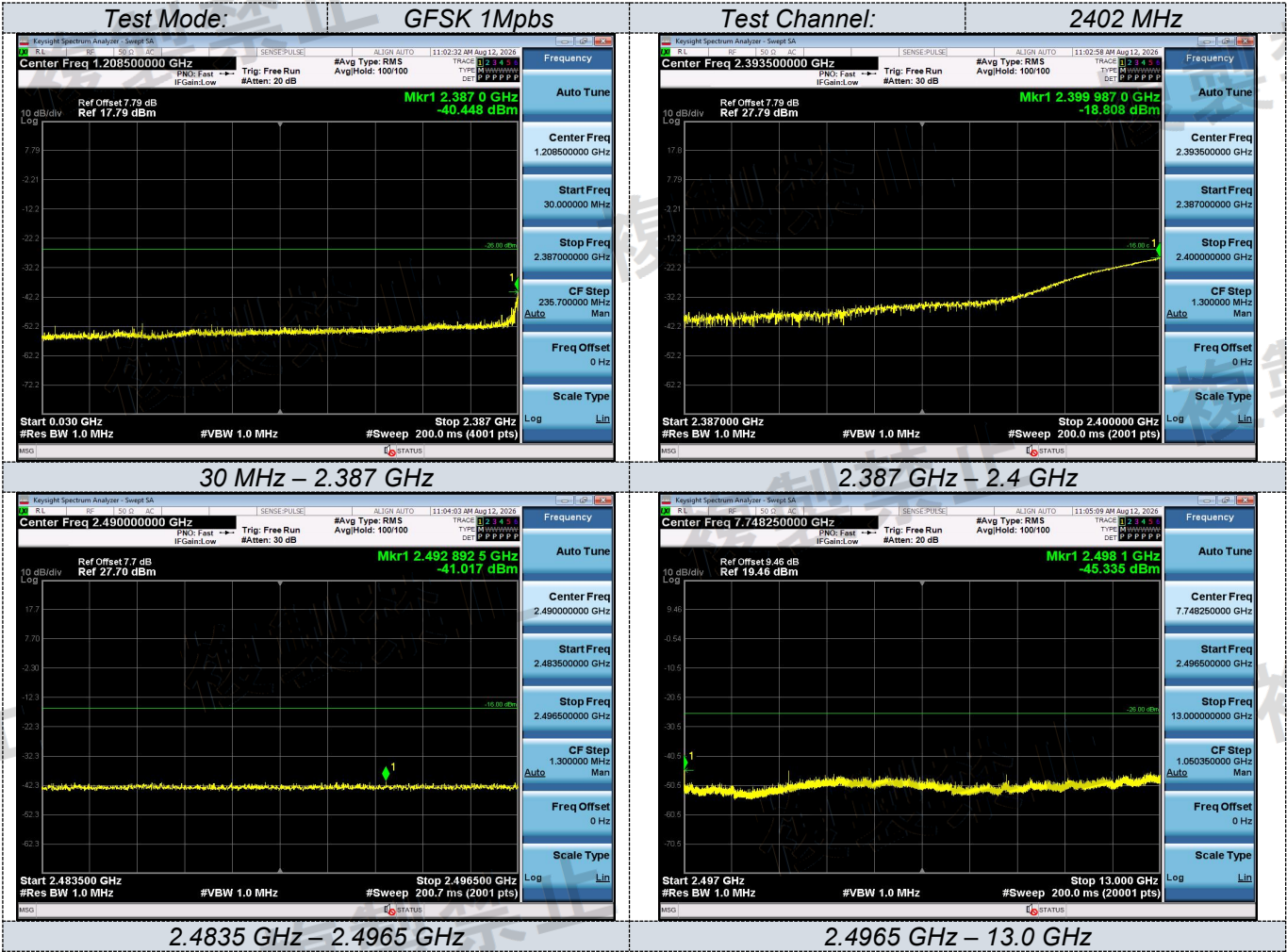
Detector mode: Positive peak

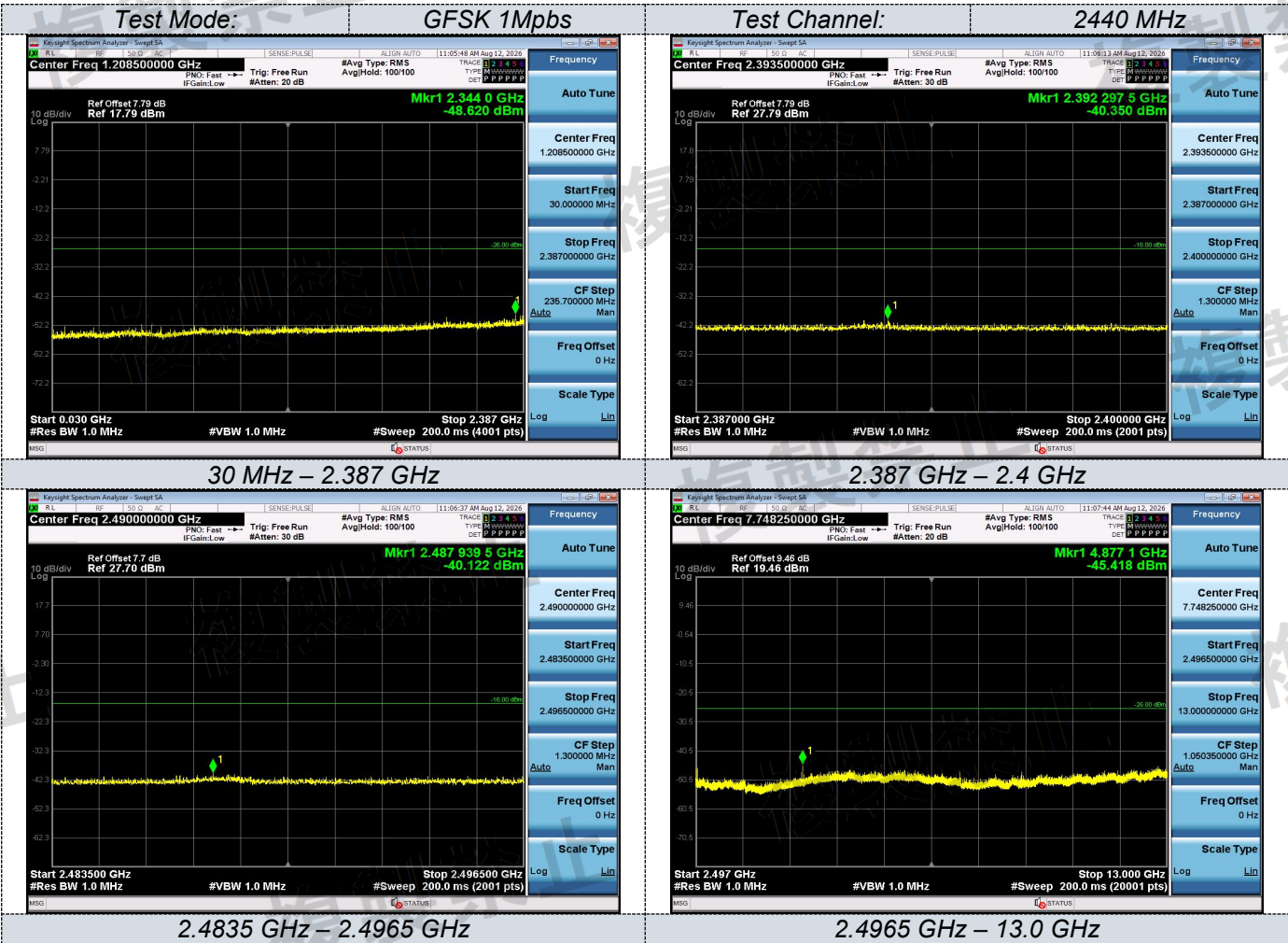
Indication mode: max hold

TEST RESULTS

Note:SA set to from 2.4965GHz to 13.0GHz, plot shows from 2.497GHz to 13.0GHz as of SA's default format.

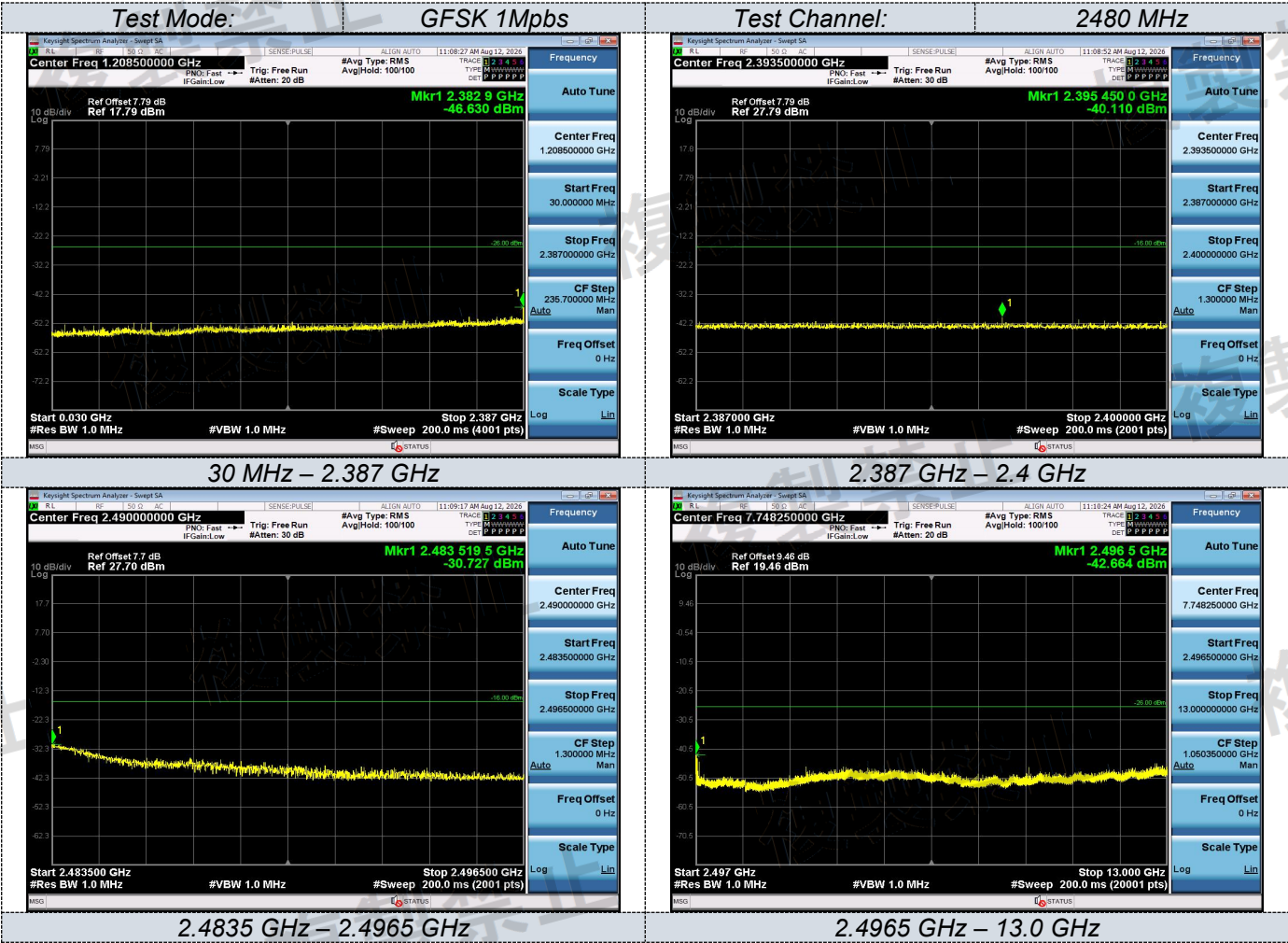
TestMode	Freq(MHz)	Freq.Range [MHz]	MAX Freq. [MHz]	Result [dBm]	Limit [dBm]	Verdict
GFSK 1Mbps	2402	30~2387	2387.00	-40.45	≤ -26	PASS
GFSK 1Mbps	2402	2387~2400	2399.99	-18.81	≤ -16	PASS
GFSK 1Mbps	2402	2483.5~2496.5	2492.89	-41.02	≤ -16	PASS
GFSK 1Mbps	2402	2496.5~13000	2498.08	-45.34	≤ -26	PASS
GFSK 1Mbps	2440	30~2387	2343.98	-48.62	≤ -26	PASS
GFSK 1Mbps	2440	2387~2400	2392.30	-40.35	≤ -16	PASS
GFSK 1Mbps	2440	2483.5~2496.5	2487.94	-40.12	≤ -16	PASS
GFSK 1Mbps	2440	2496.5~13000	4877.12	-45.42	≤ -26	PASS
GFSK 1Mbps	2480	30~2387	2382.88	-46.63	≤ -26	PASS
GFSK 1Mbps	2480	2387~2400	2395.45	-40.11	≤ -16	PASS
GFSK 1Mbps	2480	2483.5~2496.5	2483.52	-30.73	≤ -16	PASS
GFSK 1Mbps	2480	2496.5~13000	2496.50	-42.66	≤ -26	PASS
GFSK 2Mbps	2402	30~2387	2384.05	-40.66	≤ -26	PASS
GFSK 2Mbps	2402	2387~2400	2400.00	-17.70	≤ -16	PASS
GFSK 2Mbps	2402	2483.5~2496.5	2493.31	-40.28	≤ -16	PASS
GFSK 2Mbps	2402	2496.5~13000	5808.78	-44.14	≤ -26	PASS
GFSK 2Mbps	2440	30~2387	2344.57	-47.47	≤ -26	PASS
GFSK 2Mbps	2440	2387~2400	2395.94	-40.88	≤ -16	PASS
GFSK 2Mbps	2440	2483.5~2496.5	2487.74	-40.06	≤ -16	PASS
GFSK 2Mbps	2440	2496.5~13000	5768.34	-44.51	≤ -26	PASS
GFSK 2Mbps	2480	30~2387	2382.88	-46.81	≤ -26	PASS
GFSK 2Mbps	2480	2387~2400	2390.14	-40.96	≤ -16	PASS
GFSK 2Mbps	2480	2483.5~2496.5	2483.57	-31.78	≤ -16	PASS
GFSK 2Mbps	2480	2496.5~13000	2496.50	-42.67	≤ -26	PASS

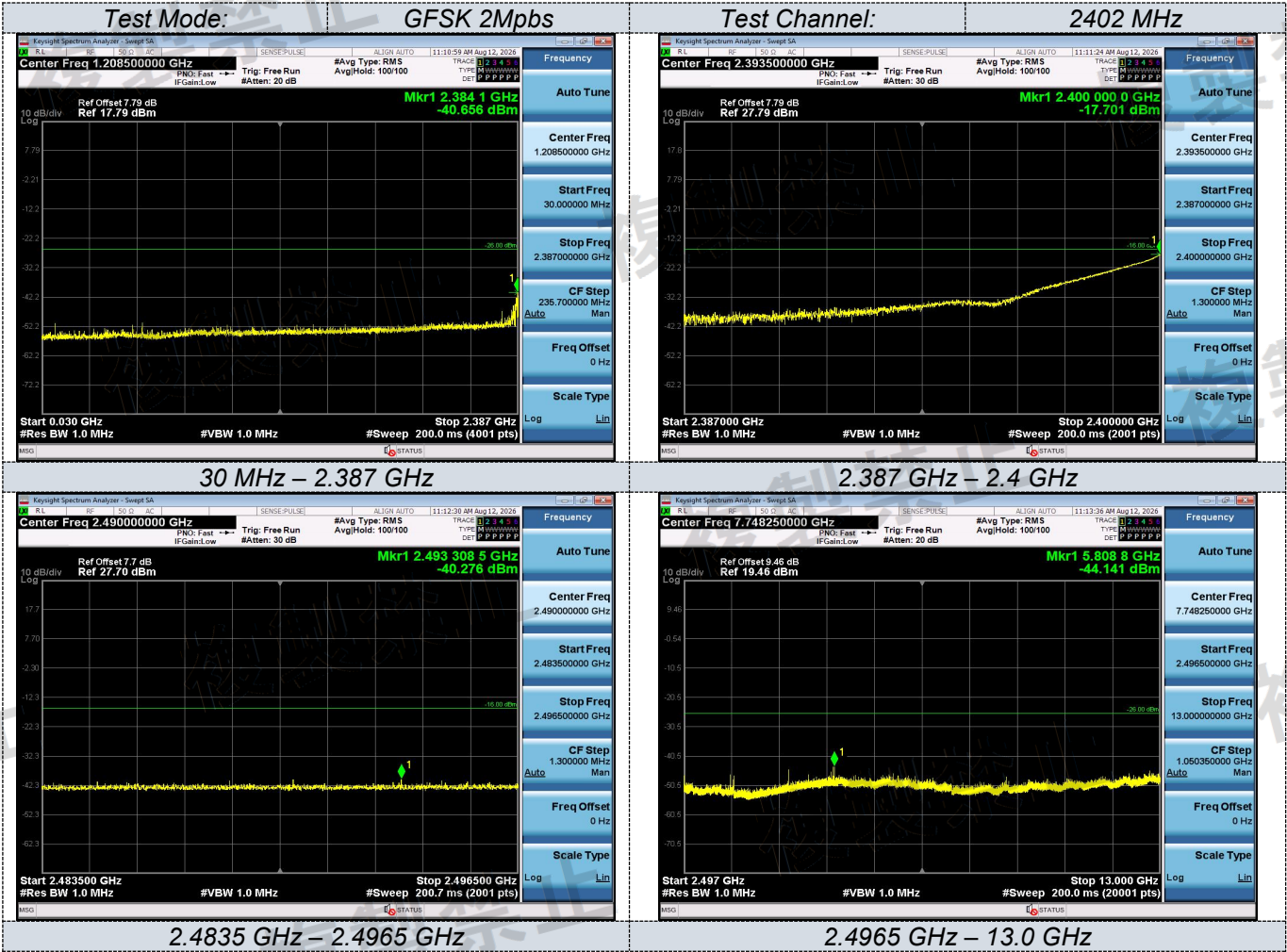


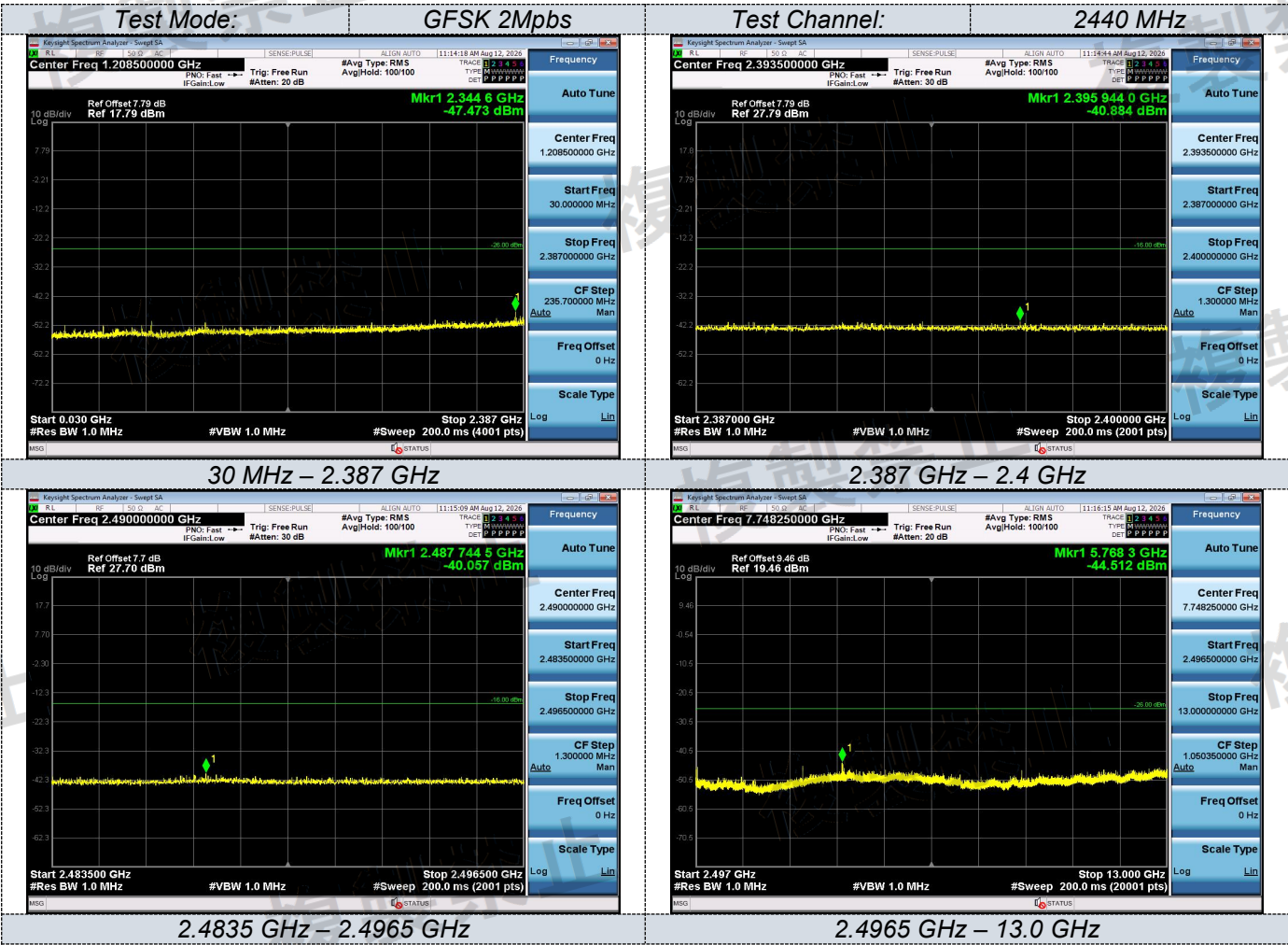


2.4835 GHz – 2.4965 GHz

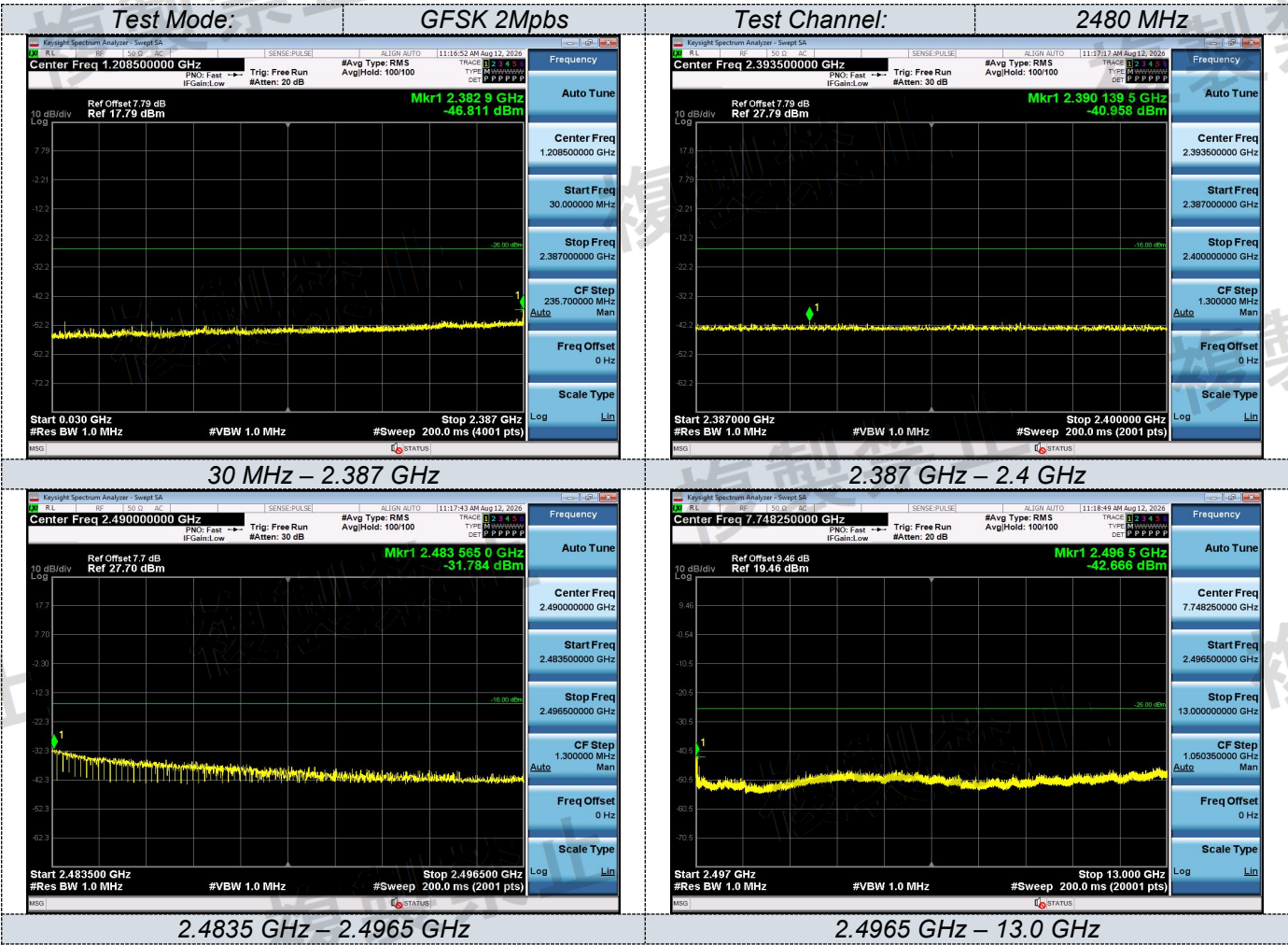
2.4965 GHz – 13.0 GHz







複製禁止



2.4835 GHz – 2.4965 GHz

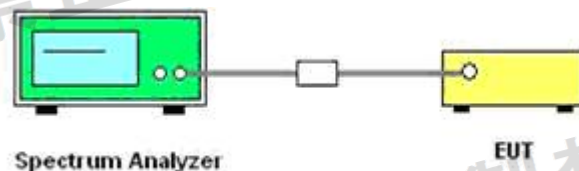
2.4965 GHz – 13.0 GHz

3.5 Secondary Radiated Emission Strength

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, 4nW 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.

TEST CONFIGURATION



TEST PROCEDURE

The EUT was directly connected to the spectrum analyser and antenna output port as show in the block diagram as TEST CONFIGURATION shows.

EUT Condition: modulation

Spectrum Condition:

Frequency: 30MHz-13.0GHz

RBW: 100 KHz (30MHz-1GHz), 1MHz (1GHz-13.0GHz)

VBW: 100 KHz (30MHz-1GHz), 1MHz (1GHz-13.0GHz)

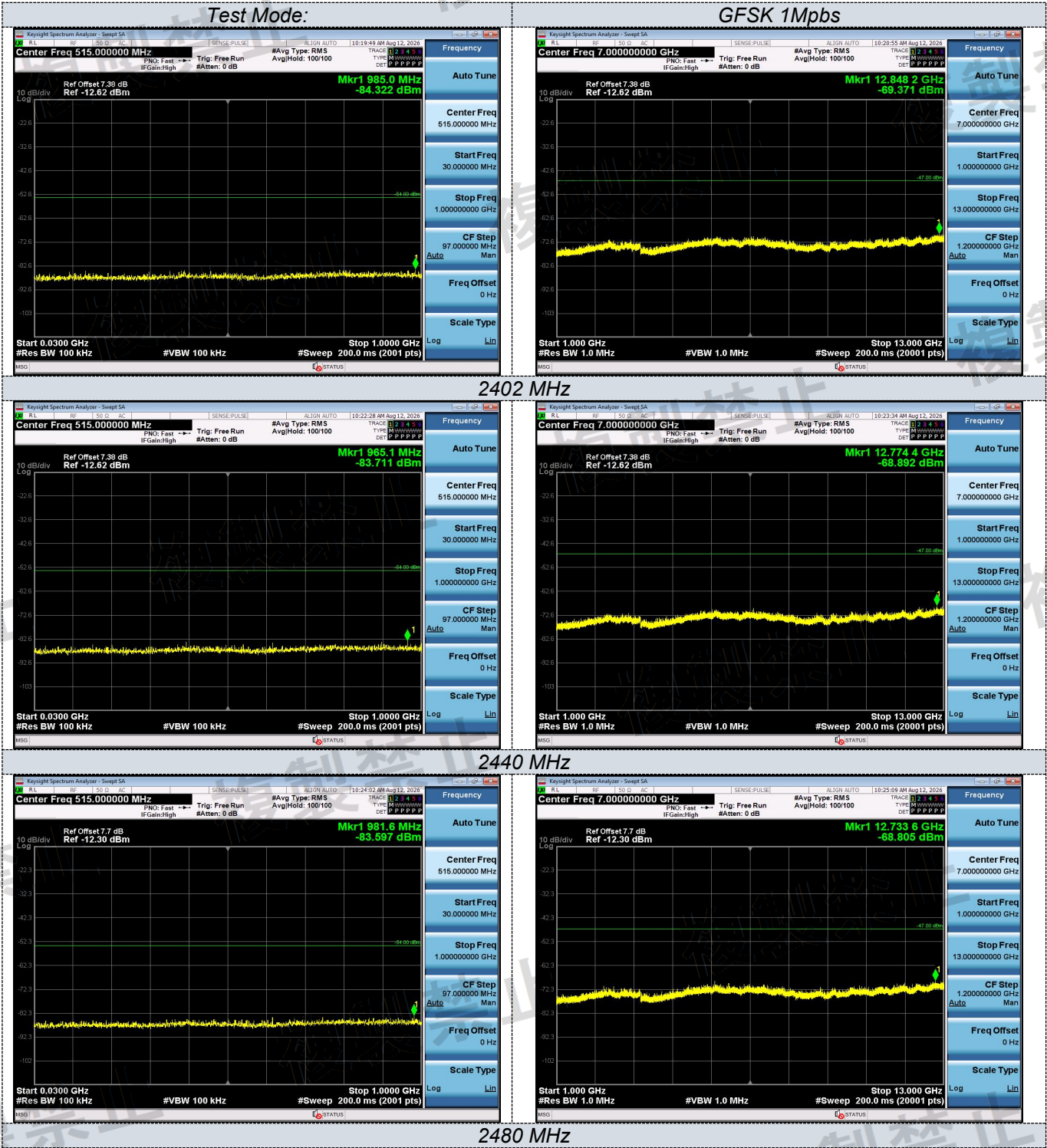
Sweep time: Auto

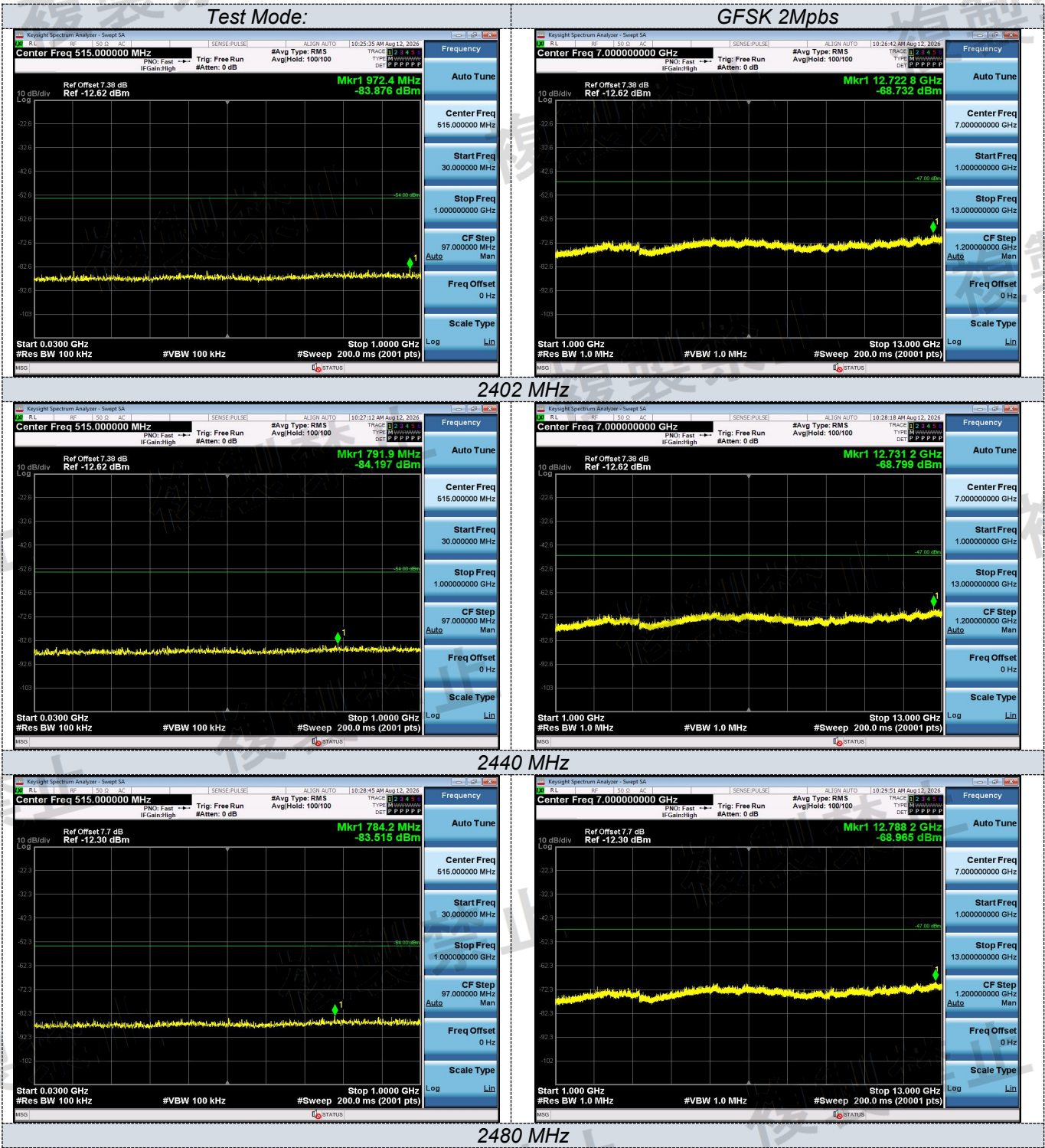
Detector mode: Positive peak

Indication mode: max hold

TEST RESULTS

TestMode	Freq(MHz)	Freq.Range [MHz]	MAX Freq. [MHz]	Result [dBm]	Limit [dBm]	Verdict
GFSK 1Mbps	2402	30~1000	984.97	-84.32	≤-54	PASS
GFSK 1Mbps	2402	1000~13000	12848.20	-69.37	≤-47	PASS
GFSK 1Mbps	2440	30~1000	965.08	-83.71	≤-54	PASS
GFSK 1Mbps	2440	1000~13000	12774.40	-68.89	≤-47	PASS
GFSK 1Mbps	2480	30~1000	981.57	-83.60	≤-54	PASS
GFSK 1Mbps	2480	1000~13000	12733.60	-68.81	≤-47	PASS
GFSK 2Mbps	2402	30~1000	972.36	-83.88	≤-54	PASS
GFSK 2Mbps	2402	1000~13000	12722.80	-68.73	≤-47	PASS
GFSK 2Mbps	2440	30~1000	791.94	-84.20	≤-54	PASS
GFSK 2Mbps	2440	1000~13000	12731.20	-68.80	≤-47	PASS
GFSK 2Mbps	2480	30~1000	784.18	-83.52	≤-54	PASS
GFSK 2Mbps	2480	1000~13000	12788.20	-68.97	≤-47	PASS





3.6 Construction Protection Method

REQUIREMENT

The high-frequency section and modulation section of the radio equipment except for the antenna system shall not be capable of being opened easily.

CONFIRMATION METHOD

RF module is welded directly to PCB board. So the end user can not to modify or change the RF Parts easily.

3.7 Interference Prevention Function

REQUIREMENT

Clarify the one automatically to transmit and to receive identification code with the wireless equipment of the wireless station used in the same premises.

Item	Limits
Identification code	≥ 48 bits

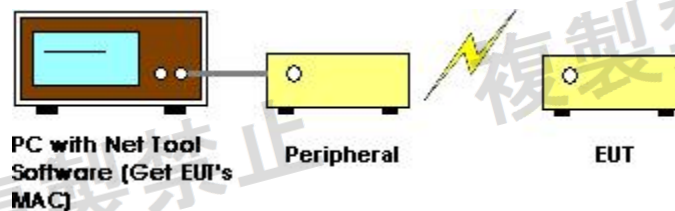
CONFIRMATION METHOD

A communication link was made where the ID code is correct (Identical).

TEST PROCEDURE

1. In the case that the EUT has the function of automatically transmitting the identification code: a. Transmit the predetermined identification codes from EUT. b. Check the transmitted identification codes with the demodulator.
2. In the case of receiving the identification code: a. Transmit the predetermined identification codes from the counterpart. b. Check if communication is normal. c. Transmit the other signals than predetermined ID codes from the counterpart. d. check if the EUT stops the transmission, or if it displays that identification codes are different from the predetermined ones.

TEST CONFIGURATION



TEST RESULTS

PASS

MAC: 1A-C6-0F-57-A2-21

3.8 Carrier Sensing Function

LIMIT

Item	Limits
Carrier Sense	Good – EUT stop RF transmission signal after carrier inject to EUT. (On $22.79 + Gr - 20 \cdot \log(f)$ [dBm] (Gr: dB; f: MHz) or 100mV/m)

INSTRUMENTS SETTING

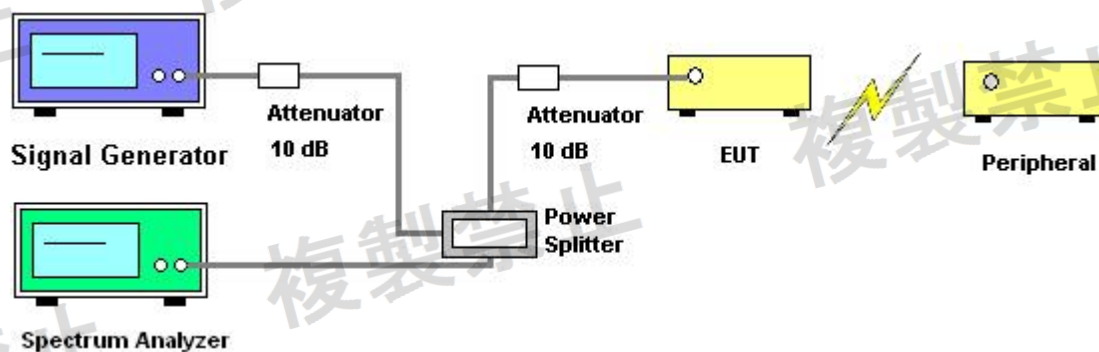
The following table is the setting of spectrum analyser and receiver.

Spectrum Parameter	Setting
Attenuation	Auto
RB / VB	1 MHz
Span	0 MHz
Sweep	Continuous
Detector	Peak
Trigger mode	Video

TEST PROCEDURE

1. SSG adjusted the frequency as same as the EUT transmitted signal and emitted the absence of modulation from SSG and power level is $(On\ 22.79 + Gr - 20 \cdot \log(f)\ [dBm])$ (Gr: dB; f: MHz). Then turn off the RF signal of SSG.
2. EUT have transmitted the maximum modulation signal and fixed channelize.
3. Setting of SA is following as: RB: 1MHz / VB: 1MHz / SPAN: 50MHz / AT: 10dB / Ref: 0dBm / Sweep time: Auto / Sweep Mode: Continuous sweep / Detect mode: Positive peak.
4. SSG RF Signal On.
5. EUT shall be stop the transmitted any signal and SSG RF Signal Off. Then EUT will be continuous transmitted signal.

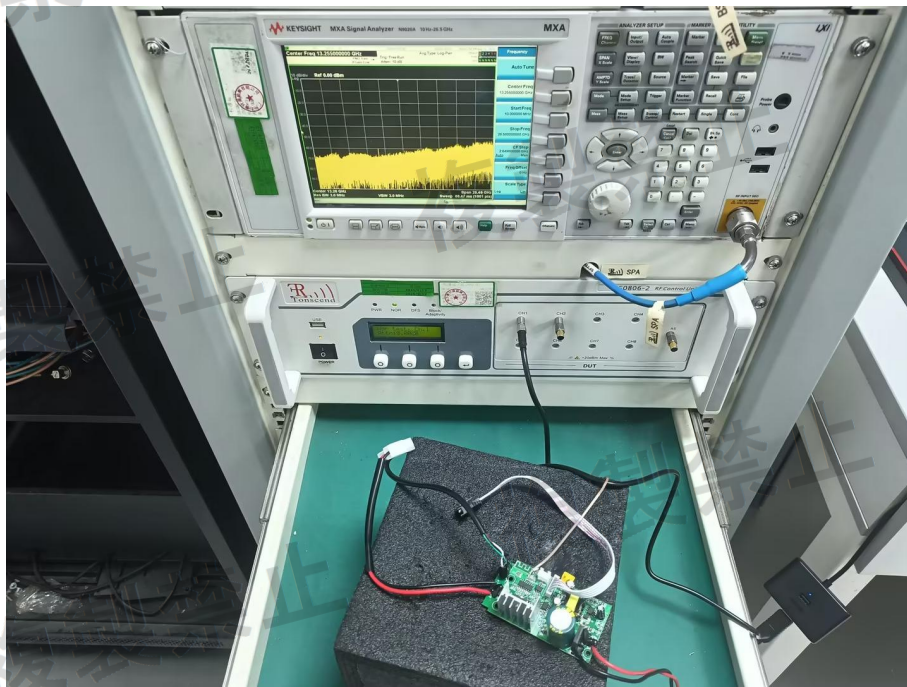
TEST CONFIGURATION



TEST RESULTS

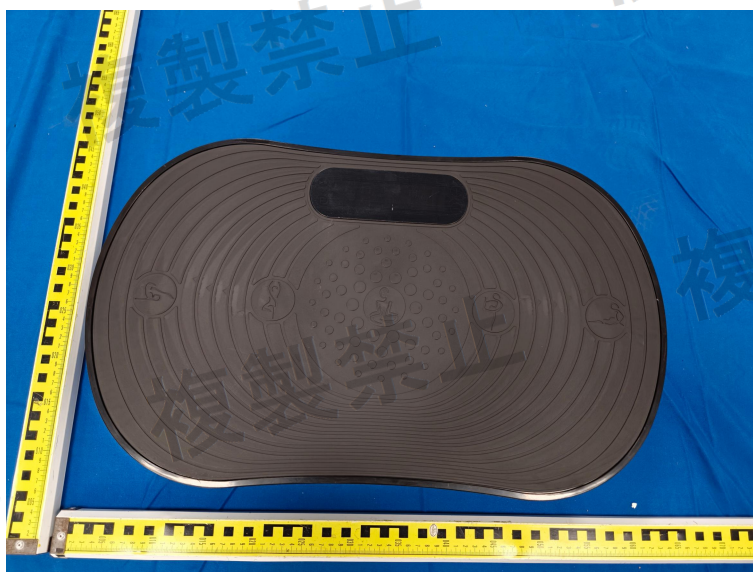
Not Applicable.

4 Test Setup Photos of the EUT

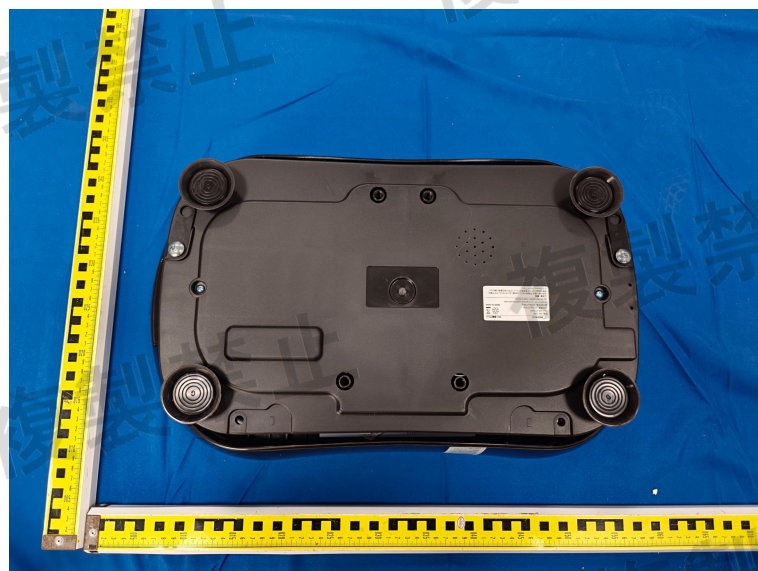


5 Photos of the EUT

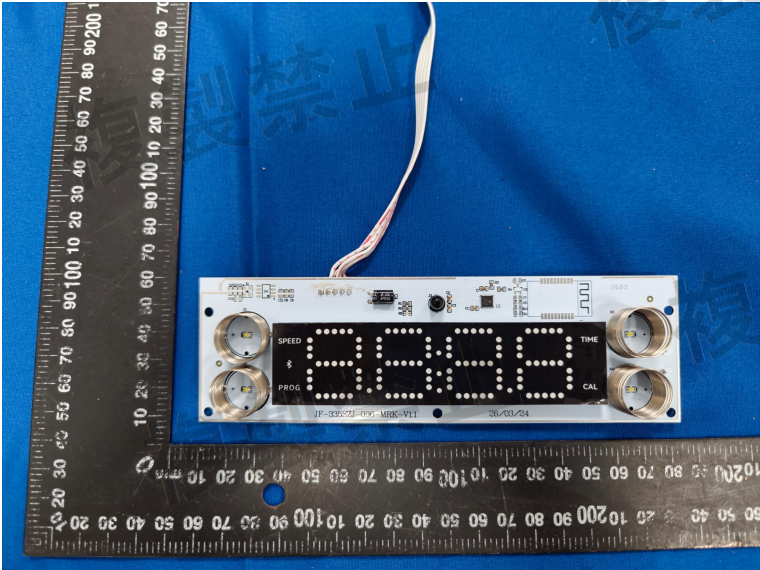
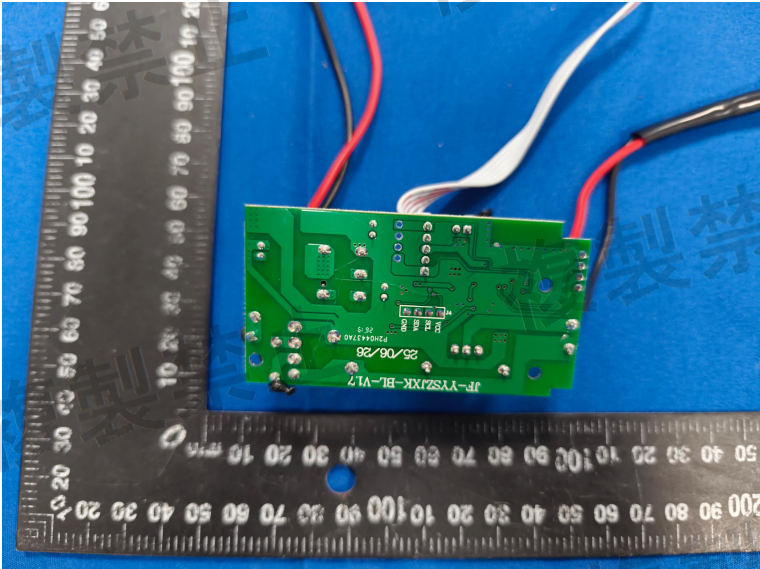
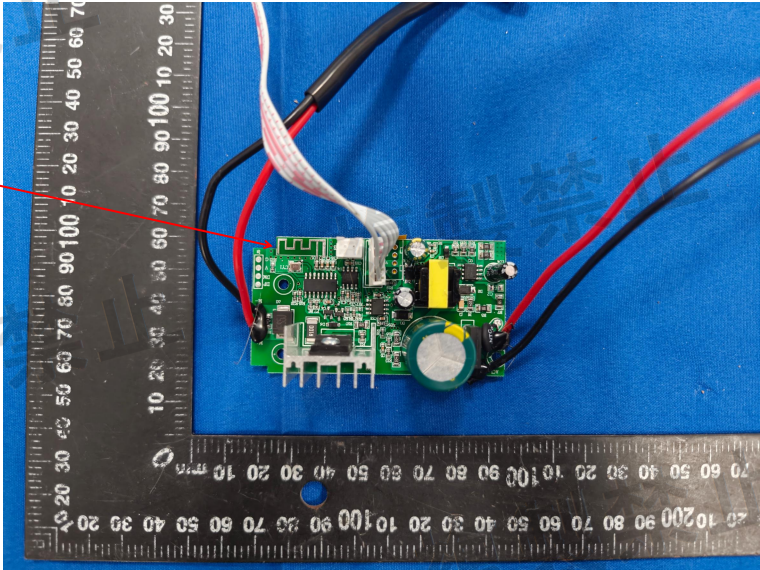
MR-2608

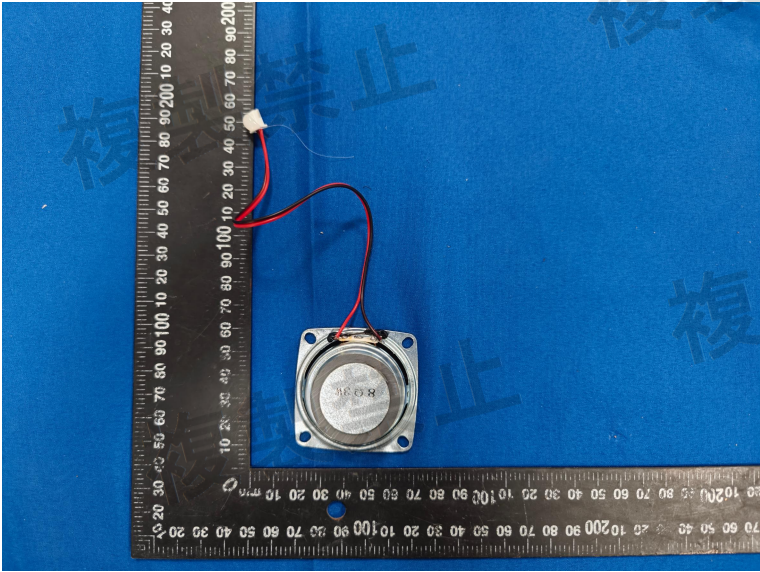
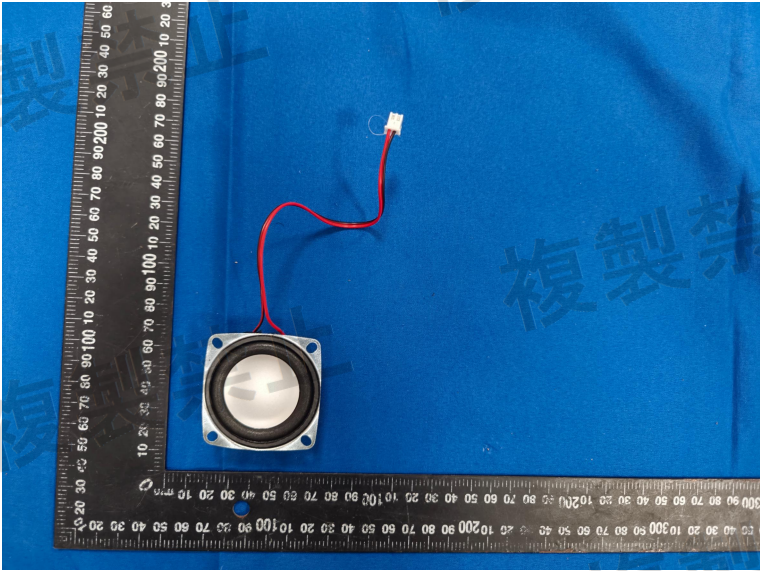
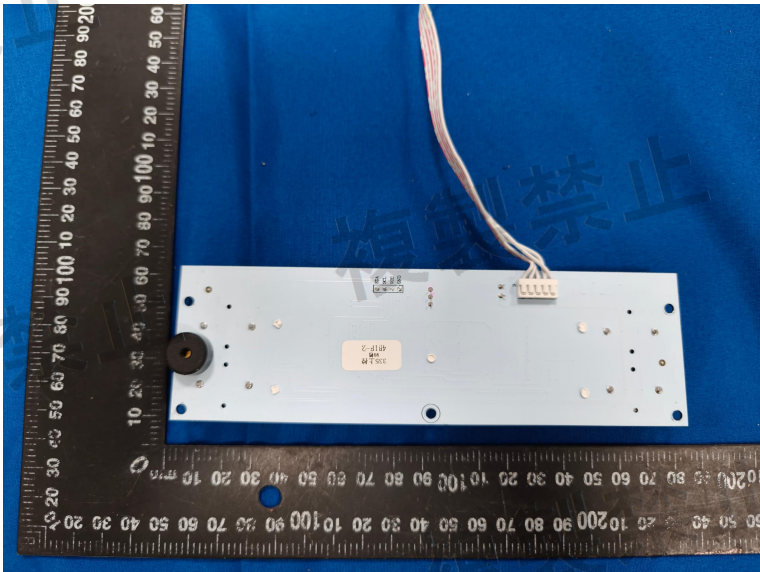




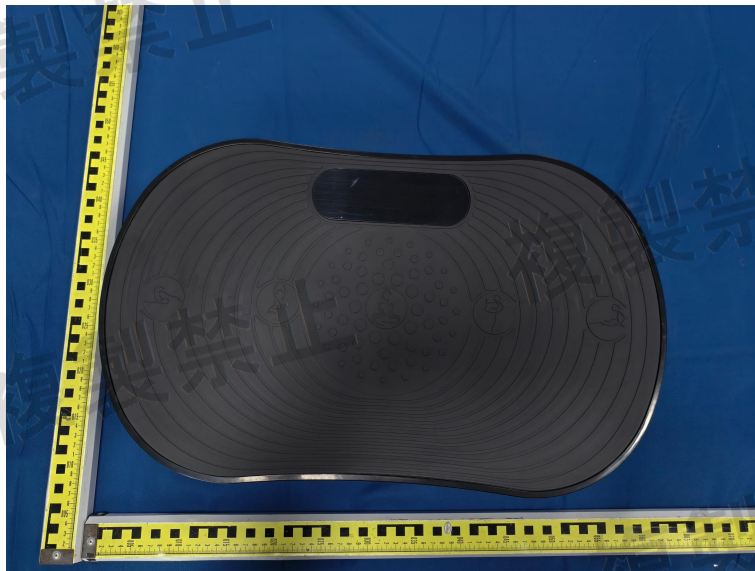


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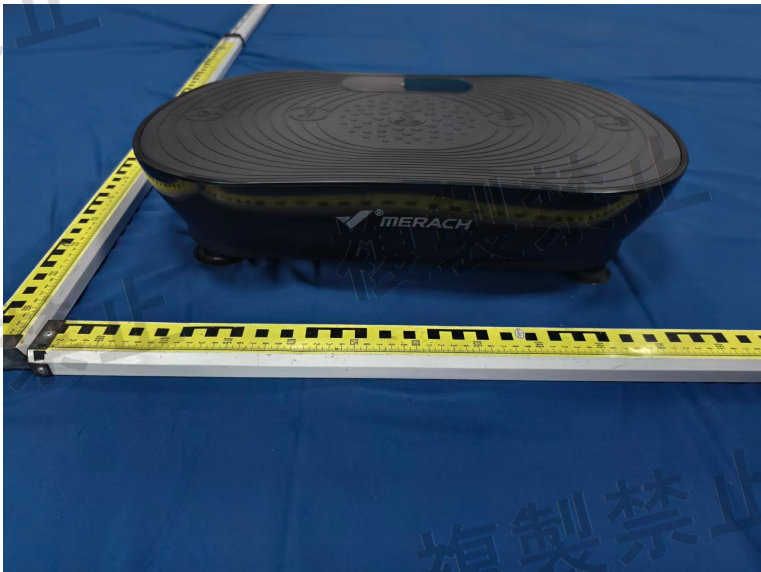




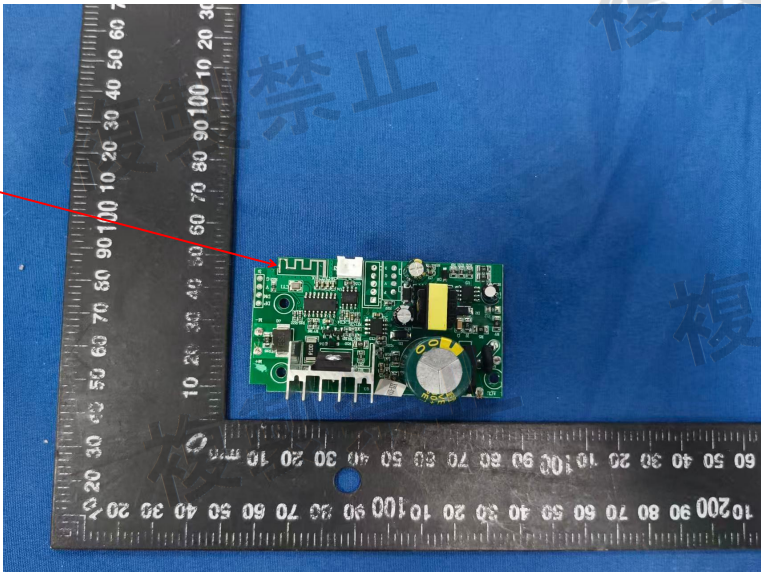
MR-2533

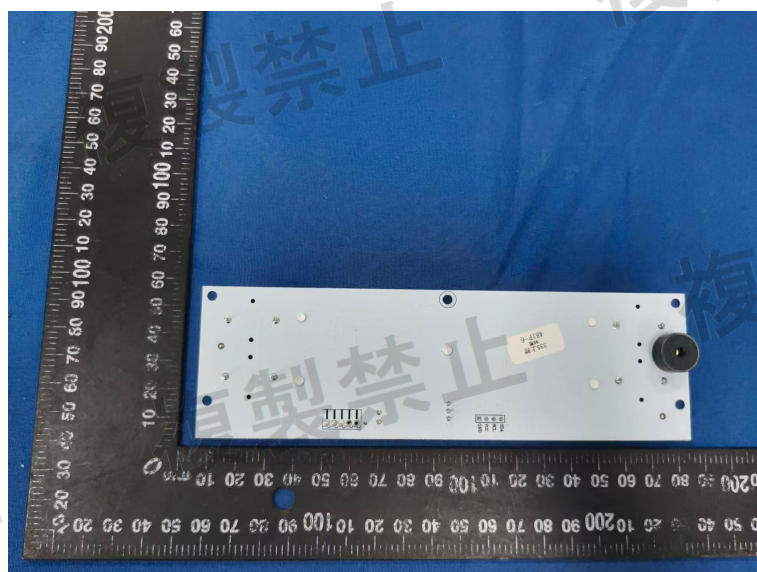
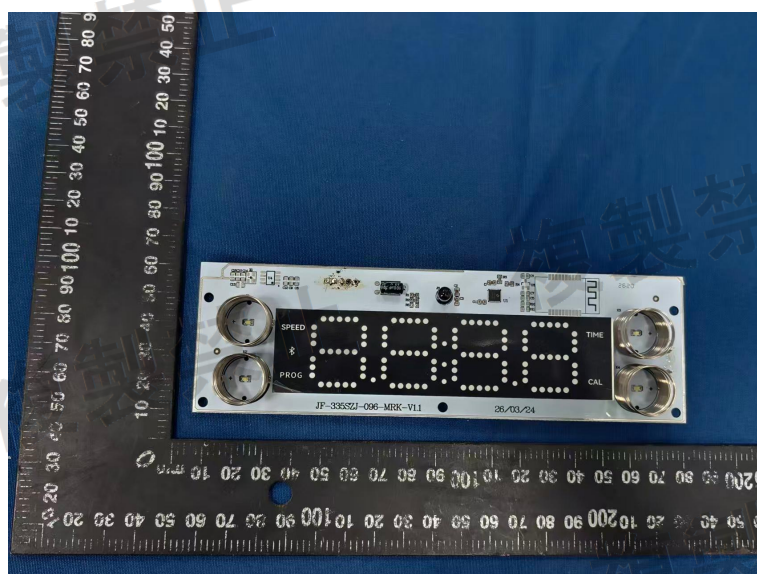
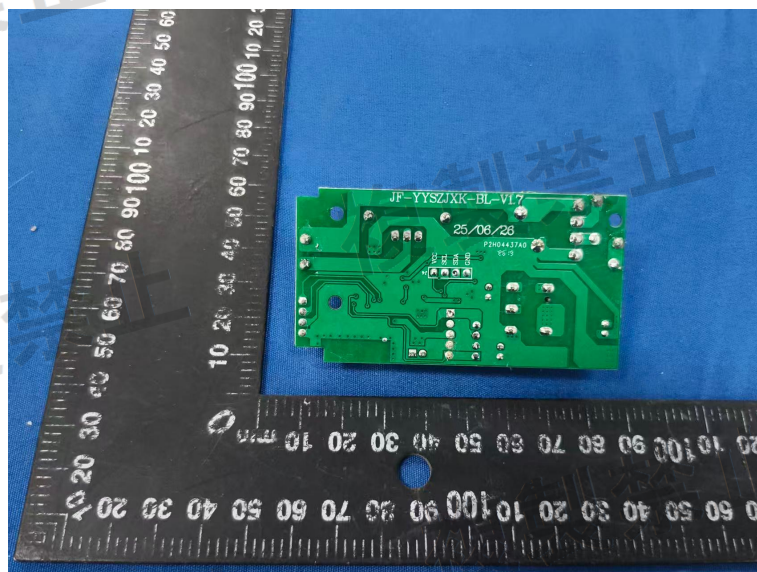


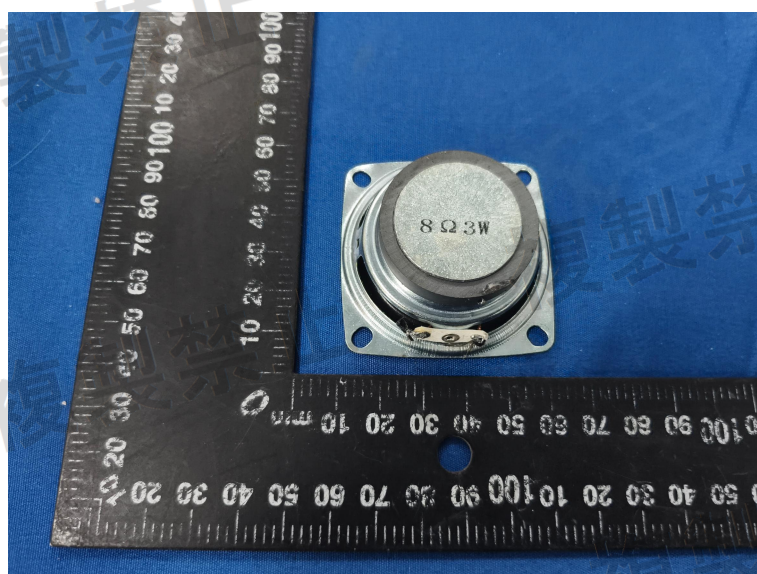
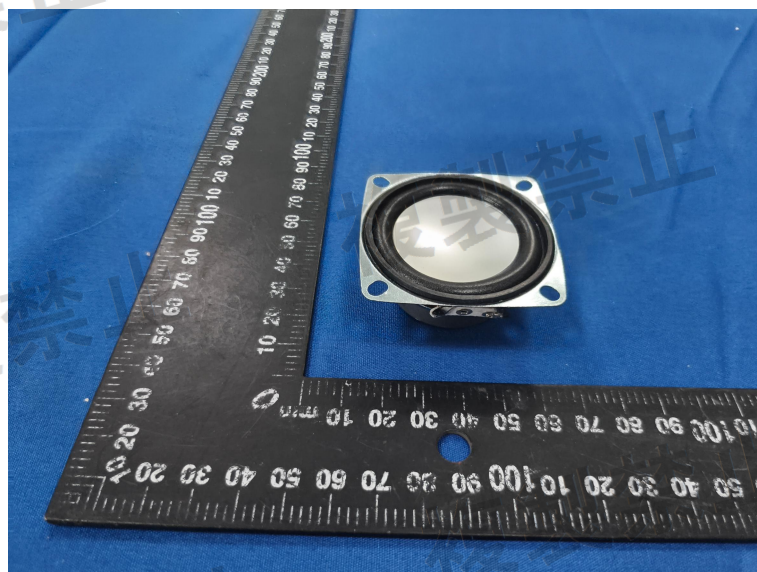




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***** End of Report *****