



RADIO TEST REPORT

Article 2 paragraph 1 item (19)

MIC Notice No.88 Appendix No.43

Product : Wireless transmission module

Trade Mark : N/A

Model Name : GT-24

Family Model : N/A

Report No. : N25122506901E

Prepared for

SE Technology Limited

Unit 417, Nan Fung Commercial Centre, 19 Lam Lok Street, Kowloon Bay, Kowloon,
Hong Kong

Prepared by

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TEST RESULT CERTIFICATION

Applicant's name..... SE Technology Limited

Address..... Unit 417, Nan Fung Commercial Centre, 19 Lam Lok Street,
Kowloon Bay, Kowloon, Hong Kong

Manufacturer's Name ZF Technology Limited

Address..... Room 202, Building B, No. 11 Factory, No. 5 Nanyun Road,
Huangpu District, Guangzhou

Test specification:

Standard Article 2 paragraph 1 item (19)
MIC Notice No.88 Appendix No.43

Test item description

Product name.....: Wireless transmission module

Trade Mark.....: N/A

Model and/or type reference : GT-24

This device described above has been tested by NTEK, and the test results show that the equipment under test (EUT) is in compliance with MIC requirements. And it is applicable only to the tested sample identified in the report.

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Test Sample Number.....: S2601130131-1#

Testing

Date (s) of performance of tests Dec. 25, 2025 ~ Feb. 06, 2026

Date of Issue Feb. 06, 2026

Test Result..... **Pass**Prepared By : Abel Chen
Abel Chen
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(Manager)

※※Revision History※※

REV.	REPORT NO.	Page Revised	ISSUED DATE	Contents
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1. SUMMARY OF TEST RESULTS

Test procedures according to the technical standards:

Standard	Method	Description of Test	Result
Article 2 paragraph 1 item (19)	MIC Notice No.88 Appendix No.43.3	Frequency Error	Complies
	MIC Notice No.88 Appendix No.43.4	Occupied Bandwidth (99%)	Complies
	MIC Notice No.88 Appendix No.43.5	Unwanted Emission Intensity	Complies
	MIC Notice No.88 Appendix No.43.6	Antenna Power Error	Complies
	MIC Notice No.88 Appendix No.43.7	Limitation of Collateral Emission of Receiver	Complies
	MIC Notice No.88 Annex No.43.10	Transmission Antenna Gain (EIRP Antenna Power)	N/A
	MIC Notice No.88 Annex No.43.11	Transmission Radiation Angle Width (3dB Beamwidth)	N/A
	MIC Notice No.88 Annex No.43.12	Radio Interference Prevention Capability	Complies
	MIC Notice No.88 Appendix No.43.13	Spreading Factor	N/A
	MIC Notice No.88 Appendix No.43.8	Carrier Sense Capability ^{Note(3)(4)}	N/A
	Note 2	Construction Protection Confirmation	Please refer to Japan Radio Protection Declaration

NOTE:

- (1) "N/A" denotes test is not applicable in this Test Report
- (2) MIC Ordinance Regulating Radio Equipment Section 1.A of Article 49.20
- (3) Not apply to this device, since EIRP does not require compensation through Antenna Power.
- (4) Apply for the Occupied bandwidth within 26MHz-40MHz

1.1 TEST FACILITY

Shenzhen NTEK Testing Technology Co., Ltd

Add. : No. 24 Xinfu East Road, Xiangshan Community, Xinqiao Street, Baoan District,

Shenzhen, Guangdong, People's Republic of China

FCC RegistrationNo.:463705; IC RegistrationNo.:9270A-1

CNAS Registration No.:L5516

1.2 MEASUREMENT UNCERTAINTY

The reported uncertainty of measurement $y \pm U$, where expanded uncertainty U is based on a standard uncertainty multiplied by a coverage factor of $k=2$, providing a level of confidence of approximately 95%.

No.	Item	Uncertainty
1	Conducted Emission Test	$\pm 3.2\text{dB}$
2	Radiated Emission Test	$\pm 4.7\text{dB}$
3	RF power,conducted	$\pm 0.16\text{dB}$
4	Spurious emissions,conducted	$\pm 0.21\text{dB}$
5	All emissions,radiated(<1G)	$\pm 4.68\text{dB}$
6	All emissions,radiated(>1G)	$\pm 5.0\text{dB}$
7	Radio Frequency	$\pm 1 \times 10^{-6}$
8	Occupied bandwidth	$\pm 3.7\%$

2. GENERAL INFORMATION

2.1 GENERAL DESCRIPTION OF EUT

Equipment	Wireless transmission module	
Trade Mark	N/A	
Model No.	GT-24	
Family Model	N/A	
Model Difference	N/A	
Product Description	The EUT is a Wireless transmission module	
	Operation Frequency:	SRD : 2440 MHz
	Modulation Type:	GFSK
	Number Of Channel	1CH
	Antenna Designation:	Patch Antenna
	AntennaGain (dBi)	-4.24 dBi
Channel List	Please refer to the Note 2.	
Adapter	N/A	
Battery	N/A	
Power supply	DC 3.3V	
HW Version	N/A	
FW Version	N/A	
SW Version	N/A	

Note:

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

2.	Channel	Frequency(MHz)
	1	2440

2.2 DESCRIPTION OF TEST MODES

To investigate the maximum EMI emission characteristics generated from EUT, the test system was pre-scanning tested based on the consideration of following EUT operation mode or test configuration mode which possibly have effect on EMI emission level. Each of these EUT operation mode(s) or test configuration mode(s) mentioned above was evaluated respectively.

Pretest Mode	Description
Mode 1	CH1

2.3 TEST CONDITIONS

The EUT was tuned to a low, middle, and high channel for all tests. For all test case pre/scans were completed in all Modes to determine worst case levels.

Power Supply Voltage Fluctuation Test

Voltage Fluctuation Test	Normal Voltage	High Voltage + 10% of Normal Voltage	Low Voltage - 10% of Normal Voltage
DC Power	DC 3.3V	DC 3.63V	DC 2.97V
RF Chip	DC 3.3V	DC 3.3V	DC 3.3V

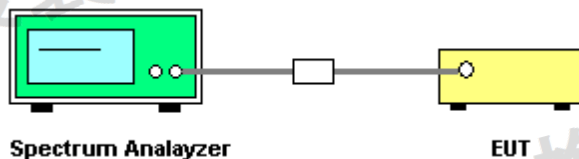
NOTE:

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%, + / - 10% of the external power change, will not affect the voltage of the RF, so only operated in normal voltage to test all regulations.

2.4 BLOCK DIAGRAM SHOWING THE CONFIGURATION OF SYSTEM TESTED



2.5 DESCRIPTION OF SUPPORT UNITS (CONDUCTED MODE)

The EUT has been tested as an independent unit together with other necessary accessories or support units. The following support units or accessories were used to form a representative test configuration during the tests.

Item	Equipment	Model/Type No.	Series No.	Note
E-1	Wireless transmission module	GT-24	N/A	EUT

Item	Shielded Type	Ferrite Core	Length	Note
C-1	RF Cable	YES	NO	10cm

Note:

- (1) The support equipment was authorized by Declaration of Confirmation.
- (2) For detachable type I/O cable should be specified the length in cm in 『Length』 column.
- (3) “YES” is means “shielded”“with core”; “NO” is means “unshielded”“without core”.

2.6EQUIPMENTS LIST FOR ALL TEST ITEMS

Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Last calibration	Calibrated until	Calibration period	Cal.Infor.
								Method
1	SPECTRUM ANALYZER	AGLIENT	E4440A	MY41000130	2025.04.24	2026.04.23	1 Year	C
2	SPECTRUM ANALYZER	AGILENT	N9020A	MY49100060	2025.04.17	2026.04.16	1 Year	C
3	TEST RECEIVER	R&S	ESPI7	101318	2025.04.17	2026.04.16	1 Year	C
4	50Ω COAXIAL SWITCH	ANRITSU	MP59B	6200983705	2024.04.26	2027.04.25	3 Year	C
5	HORN ANTENNA	EM	EM-AH-10180	2011071402	2024.05.12	2027.05.11	3 Year	C
6	HORN ANT	SCHWARZBECK	BBHA9170	803	2024.05.12	2027.05.11	3 Year	C
7	PRE-AMPLIFIER	EMC	EMC051835SE	980246	2025.04.17	2026.04.16	1 Year	C
8	POWER METER	DARE	RPR3006W	15I00041SNO84	2025.04.17	2026.04.16	1 Year	C
9	TEMPORARY ANTENNA CONNECTOR (NOTE)	NTS	R001	N/A	N/A	N/A	N/A	N/A
10	DC POWER SUPPLY	ZHAOXIN	PS-6005D	20170402923	2024.04.25	2027.04.24	3 year	C
11	ESG VETCTOR SIGNAL GENERAROR	AGILENT	E4438C	MY45093347	2025.04.17	2026.04.16	1 year	C
12	PSG ANALOG SIGNAL GENERATOR	AGILENT	E8257D	MY51110112	2025.05.06	2026.05.05	1 year	C

Note:

Calibration Method:

(a) Calibration conducted by the National Institute of Information and Communications Technology (NICT) or a designated calibration agency under Article 102-18 paragraph (1)

(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 NICT or a designated calibration agency under Article 102-18 paragraph

(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).

The calibration corresponds to c described above.

All the equipments for Guangzhou Lisai Calibration

Measurement Software

Item	Manufacturer	Software Name	Software Version	Description
1	MWRFTtest	MTS 8310 2.4GHz/5GHz	2.0	RF Conducted Test
2	Farad	EZ-EMC_RE	AIT-03A	RadiatedTest
3	raditeq	RadiMation	2023.1.3	RadiatedTest
4	Farad	EZ-EMC_CE	AIT-03A	AC Conducted Test

3. TEST RESULT

3.1 FREQUENCY ERROR

3.2 LIMIT

Item	Limits
Frequency Error	$\pm 50\text{ppm}$

3.3 MEASURING INSTRUMENTS AND SETTING

The following table is the setting of Spectrum Analyzer.

Spectrum Parameter	Setting
Attenuation	Auto
RB / VB	10/30KHz
Detector	Peak
Trace	Max Hold
Sweep Time	Auto

3.4 TEST PROCEDURES

The UUT shall be connected to spectrum analyser.

The settings of the spectrum analyser shall be adjusted to optimize the instruments frequency accuracy.

Max Hold shall be selected and the centre frequency adjusted to that of the UUT.

The peak value of the power envelope shall be measured and noted. The span shall be reduced and the marker moved in a positive frequency increment until the upper, (relative to the centre frequency), -10 dBc point is reached. This value shall be noted as f1.

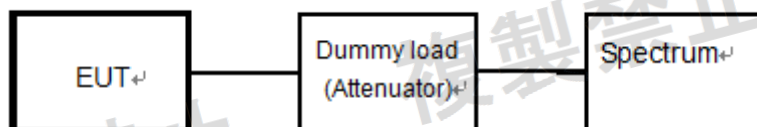
The marker shall then be moved in a negative frequency increment until the lower, (relative to the centre frequency), -10 dBc point is reached. This value shall be noted as f2.

The centre frequency is calculated as $(f1 + f2) / 2$.

Other:

In the case of modulated signal, if there is no specific spectrum measurable by a spectrum analyzer but a specific dip is observed, it is allowed to measure the frequency with the signal generator (synthesized). That is, observe a signal of the signal generator concurrently (or alternately) with the tested signal using the spectrum analyzer while setting the frequency of the signal generator to the position of the dip on the screen of the spectrum analyzer, and determine the frequency of the signal generator at the time as a measured value.

3.5 TEST SETUP LAYOUT



3.6 EUT OPERATION DURING TEST

The EUT was placed on the test table and programmed in un-modulation function.

3.7 TEST RESULT

EUT :	Wireless transmission module	Model:	GT-24
Temperature:	25℃	Tested by:	Abel Chen
Humidity:	55 % RH	Test Voltage	DC 3.3V
Operation Mode:	unmodulated		

Test data reference attachment

4. ANTENNA POWER

4.1 LIMIT

Modulation	Frequency band	Antenna power	Max EIRP		Antenna power Tolerance
			Non-directional	Beam directional ^{Note1}	
DS	2,400-2,483.5MHz	10mW/MHz	12.14dBm/MHz	22.14dBm/MHz	+20% No lower limit
OFDM1 ^{Note2}	2,400-2,483.5MHz	10mW/MHz	12.14dBm/MHz	22.14dBm/MHz	
OFDM2	2,400-2,483.5MHz	5mW/MHz	9.13dBm/MHz	19.13dBm/MHz	
FH,DS-FH,F H-OFDM	2,400-2,483.5MHz	3mW/MHz	6.91dBm/MHz	16.91dBm/MHz	
	2,427-2,470.75MHz z	10mW/MHz	12.14dBm/MHz	22.14dBm/MHz	
Other than those above	2,400-2,483.5MHz	10mW	12.14dBm	22.14dBm	

Note 1: The half-value angle of the beam directivity must be less than $360 \div A$ degrees. A shall be the rate at which the EIRP exceeds the upper limit of the omnidirectional EIRP.

Note 2: OFDM 1 in the modulation method column indicates that the occupied frequency band width is 26 MHz or less, and OFDM 2 indicates the occupied frequency bandwidth exceeding 26 MHz and 40 MHz or less.

4.2 TEST SETUP LAYOUT



4.3 TEST DEVIATION

There is no deviation with the original standard.

4.4 TEST RESULT

EUT :	Wireless transmission module	Model:	GT-24
Temperature:	25°C	Tested by:	Abel Chen
Humidity:	55 % RH	Test Voltage	DC 3.3V
Operation Mode:	Transmit-GFSK		

Test data reference attachment

5. OCCUPIED BANDWIDTH

5.1 LIMIT

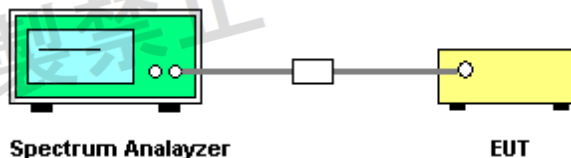
Item	Limits
Occupied Band Width:	FH 83.5MHz; OFDM1,DS $\leq 26\text{MHz}$; 26MHz $\leq$ OFDM 40MHz system $\leq 40\text{MHz}$. ; Others $\leq 26\text{MHz}$
Spreading Bandwidth:	N/A

5.2. TEST PROCEDURES

Set the spectrum analyzer as follows :

Center frequency:	Test frequency
Frequency sweep width:	About 2~3.5 times of the Nominal bandwidth
Resolution bandwidth:	3% or less of the Nominal bandwidth
Video bandwidth:	Equal to RBW
Sweep time:	Minimum time to ensure the measuring accuracy (In the case of burst wave, one burst shall be included per data point.)
Sweep mode:	Continuous sweep
Detection mode:	Positive peak
Display mode:	Maximum hold

5.3. TEST SETUP LAYOUT



5.4. TEST DEVIATION

There is no deviation with the original standard.

5.5. EUT OPERATION DURING TEST

The EUT was programmed to be in continuously transmitting mode.

5.6 TEST RESULT

EUT:	Wireless transmission module	Model:	GT-24
Temperature:	25°C	Tested by:	Abel Chen
Humidity:	55 % RH	Test Voltage	DC 3.3V
Operation Mode:	Transmit-GFSK		

Test data reference attachment

6. UNWANTED EMISSION INTENSITY MEASUREMENT

6.1 LIMIT

Item	Limits
TX Spurious Emission	$\leq 2.5 \mu W$ ($30MHz \leq f \leq 1000MHz$)
	$\leq 2.5 \mu W$ ($1000MHz < f \leq 2387MHz$)
	$\leq 25 \mu W$ ($2387MHz < f \leq 2400MHz$)
	$\leq 25 \mu W$ ($2483.5MHz \leq f < 2496.5MHz$)
	$\leq 2.5 \mu W$ ($2496.5MHz \leq f < 12500MHz$)

6.2 MEASURING INSTRUMENTS AND SETTING

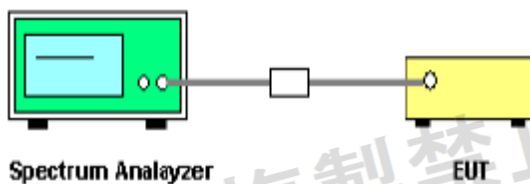
Please refer to section 5 in this report. The following table is the setting of Spectrum Analyzer.

Spectrum Parameter	Setting
Attenuation	Auto
RB / VB	RB:1MHz / VB:1MHz
Detector	Average
Trace	Max Hold
Sweep Time	Auto

6.3 TEST PROCEDURES

- EUT have transmitted the maximum modulation signal and fixed channelize.
- Setting of SA is following as: Below 1GHz RB:1MHz / VB:1MHz
Above 1GHz RB:1MHz / VB:1MHz / AT: 10dB Ref: 0dBm / Sweep time: Auto
Sweep Mode: Continuous sweep / Detect mode: Average
Trace mode: Max hold
- Setting of SA is following as 30MHz and stop frequency 1000MHz Then to mark peak reading value + cable loss shall be less than 2.5μW.
- Setting of SA is following as 1000MHz and stop frequency 2387MHz Then to mark peak reading value + cable loss shall be less than 2.5μW.
- SA adjusted to start frequency 2387MHz and stop frequency 2400MHz. Then to mark peak reading value + cable loss shall be less than 25μW.
- SA adjusted to start frequency 2483.5MHz and stop frequency 2496.5MHz Then to mark peak reading value + cable loss shall be less than 25μW
- SA adjusted to start frequency 2496.5MHz and stop frequency 12500MHz Then to mark peak reading value + cable loss shall be less than 2.5μW
- If the Result_Value is over the requirement, take total sum of 1MHz band centered at the spur frequency like ACLP measurement as Result_Value.

6.4 TEST SETUP LAYOUT



6.5 TEST DEVIATION

There is no deviation with the original standard.

6.6 TEST RESULT

EUT :	Wireless transmission module	Model:	GT-24
Temperature:	25℃	Tested by:	Abel Chen
Humidity:	55 % RH	Test Voltage	DC 3.3V
Operation Mode:	Transmit-GFSK		

Test data reference attachment

7. IMITATION OF COLLATERAL EMISSION OF RECEIVER MEASUREMENT

7.1 LIMIT

Item	Limits
RX Spurious Emission:	$\leq 4\text{nW}$ ($f < 1\text{GHz}$)
	$\leq 20\text{nW}$ ($1\text{GHz} \leq f$)

7.2 MEASURING INSTRUMENTS AND SETTING

Please refer to section 5 in this report. The following table is the setting of Spectrum Analyzer.

Spectrum Parameter	Setting
Attenuation	Auto
RB	100 kHz (below 1GHz emissions) 1 MHz (above 1GHz emissions)
VB	100 kHz (below 1GHz emissions) 1 MHz (above 1GHz emissions)
Detector	RMS
Trace	Max Hold
Sweep Time	Auto

7.3 TEST PROCEDURES

- EUT have the continuous reception mode and fixed only one channelize.
- Setting of SA is following as RB / VB: 100 kHz (below 1GHz emissions) / 1 MHz (above 1GHz emissions) / AT: 10dB / Ref: 0dBm / Sweep time: Auto / Sweep Mode: Continuous sweep / Detect mode: Average / Trace mode: Max hold
- SA set RB: 100kHz and VB: 100kHz. Then adjust to start frequency 30MHz and stop frequency 1000MHz. Search to mark peak reading value + cable loss shall be less than 4nW
- SA set RB: 1MHz and VB: 1MHz. Then adjust to start frequency 1000MHz and stop frequency 12500MHz. Search to mark peak reading value + cable loss shall be less than 20nW
- If power level of lower emissions are more than 1/10 of limit (.0.4nW for $f < 1\text{GHz}$, 2nW for $f \geq 1\text{GHz}$), all those are to be indicated in the 2nd and 3rd lines. If others are 1/10 or less more of the limit, no necessary to be indicated.

7.4 TEST RESULT

EUT :	Wireless transmission module	Model:	GT-24
Temperature:	25°C	Tested by:	Abel Chen
Humidity:	55 % RH	Test Voltage	DC 3.3V
Operation Mode:	Receiver-GFSK		

Test data reference attachment

8. TRANSMISSION ANTENNA GAIN (EIRP ANTENNA POWER) MEASUREMENT

8.1 LIMIT

Modulation	Frequency band	Antenna power	Max EIRP		Antenna power Tolerance
			Non-directional	Beam directional ^{Note1}	
DS	2,400-2,483.5MHz	10mW/MHz	12.14dBm/MHz	22.14dBm/MHz	+20% No lower limit
OFDM1 ^{Note2}	2,400-2,483.5MHz	10mW/MHz	12.14dBm/MHz	22.14dBm/MHz	
OFDM2	2,400-2,483.5MHz	5mW/MHz	9.13dBm/MHz	19.13dBm/MHz	
FH,DS-FH, FH-OFDM	2,400-2,483.5MHz	3mW/MHz	6.91dBm/MHz	16.91dBm/MHz	
	2,427-2,470.75MHz	10mW/MHz	12.14dBm/MHz	22.14dBm/MHz	
Other than those above	2,400-2,483.5MHz	10mW	12.14dBm	22.14dBm	

Note 1: The half-value angle of the beam directivity must be less than $360 \div A$ degrees. A shall be the rate at which the EIRP exceeds the upper limit of the omnidirectional EIRP.

Note 2: OFDM 1 in the modulation method column indicates that the occupied frequency band width is 26 MHz or less, and OFDM 2 indicates the occupied frequency bandwidth exceeding 26 MHz and 40 MHz or less.

8.2 TEST SETUP LAYOUT



8.3 TEST DEVIATION

There is no deviation with the original standard.

8.4 EUT OPERATION DURING TEST

The EUT was programmed to be in continuously transmitting mode.

8.5 RESULTS OF TRANSMISSION ANTENNA GAIN

EUT :	Wireless transmission module	Model:	GT-24
Temperature:	25°C	Tested by:	Abel Chen
Humidity:	55 % RH	Test Voltage	N/A
Operation Mode:	N/A		

Note: This test item will not be applied to the transmission antenna which has a gain of 2.14dBi or less.

Note: EIRP= Peak Output Power+ ANT Gain

9. TRANSMISSION RADIATION ANGLE WIDTH (3DB BEAMWIDTH) MEASUREMENT

9.1 LIMIT

Item	Limits
3dB antenna beam width	$360/A$ (If $A < 1$; then $A = 1$) $A = \{\text{EIRP Power [mW]} / 16.36 \text{ for DS, OFDM}\}$ or $A = \{\text{EIRP Power [mW]} / 4.9 \text{ for FH}\}$
Note: This test item is not applied for radio equipment with equivalent isotropic radiation power lower than 12.14dBm/MHz, but Antenna Power(Conducted) limit is 10 mW/MHz (10 dBm/MHz), So the test item will not be applied to the transmission antenna which has a gain of 2.14dBi or less	

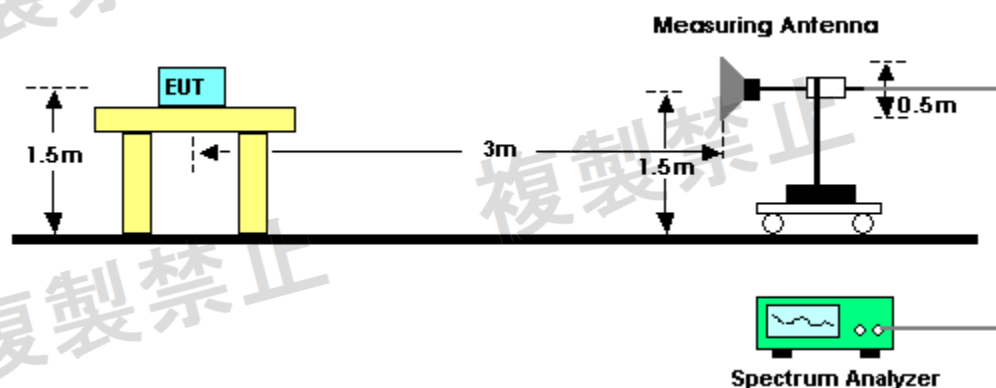
9.2 MEASURING INSTRUMENTS AND SETTING

Spectrum Parameter	Setting
Attenuation	Auto
Span Frequency	0 MHz
RB	1 MHz
VB	1 kHz
Detector	Peak
Trace	Max Hold
Sweep Time	Auto

9.3 TEST PROCEDURES

1. Set EUT and measuring antenna at the same height and roughly facing each other.
2. Set spectrum analyzer with condition in section 4.7.2 and tune reference level to observe receiving signal position.
3. Rotate directions of the EUT horizontally and vertically to find the maximum receiving power.
4. 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 measuring antenna. The output level at the spectrum analyzer is read as "E"
5. Calculate permitted radiation angle in horizontal and vertical using EIRP measured in another test method.
6. Calculate 3dB antenna beam width by the formula below $360/A$ (If $A < 1$; then $A = 1$).
 $A = \{\text{EIRP Power [mW]} / 16.36 \text{ for DS, OFDM}\}$ or
 $A = \{\text{EIRP Power [mW]} / 4.9 \text{ for FH}\}$

9.4 TEST SETUP LAYOUT



9.5 TEST DEVIATION

There is no deviation with the original standard.

9.6 EUT OPERATION DURING TEST

The EUT was programmed to be in continuously transmitting mode.

9.7 TEST RESULT OF TRANSMISSION RADIATION ANGLE WIDTH (3DB BEAMWIDTH)

EUT :	Wireless transmission module	Model:	GT-24
Temperature:	25°C	Tested by:	N/A
Humidity:	55 % RH	Test Voltage	N/A
Operation Mode:	N/A		

Note: This item is not applicable, when EIRP power is lower than the limit of 12.14dBm.

10. RADIO INTERFERENCE PREVENTION CAPABILITY MEASUREMENT

10.1 LIMIT

Item	Limits
Identification code	≥ 48 bits

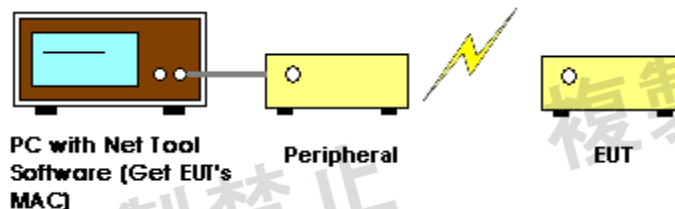
10.2 MEASURING ID CODE SOFTWARE

Item	Limits
MAC IP List	MAC Scan

10.3 TEST PROCEDURES

- 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.
- 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 signals other 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.

10.4 TEST SETUP LAYOUT



10.5 TEST DEVIATION

There is no deviation with the original standard.

10.6 EUT OPERATION DURING TEST

The EUT was programmed to be in normal transmitting mode.

10.7 TEST RESULT OF RADIO INTERFERENCE PREVENTION CAPABILITY

	Normal voltage	Low voltage	High voltage
Result	OK	N/A	N/A

Mac address: DB:79:C3:50:67:EF

Result: OK

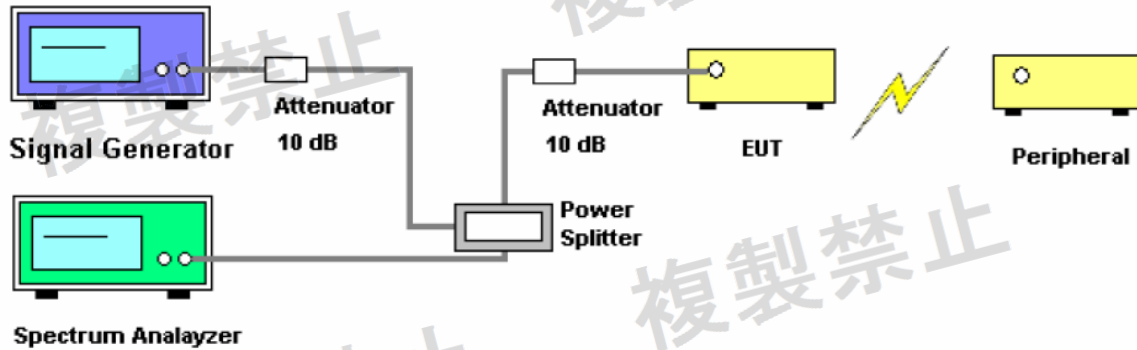
11. CARRIER SENSE CAPABILITY

11.1 LIMIT

EUT stop RF transmission signal after carrier inject to EUT

11.2 TEST PROCEDURE

Measurement System Diagram



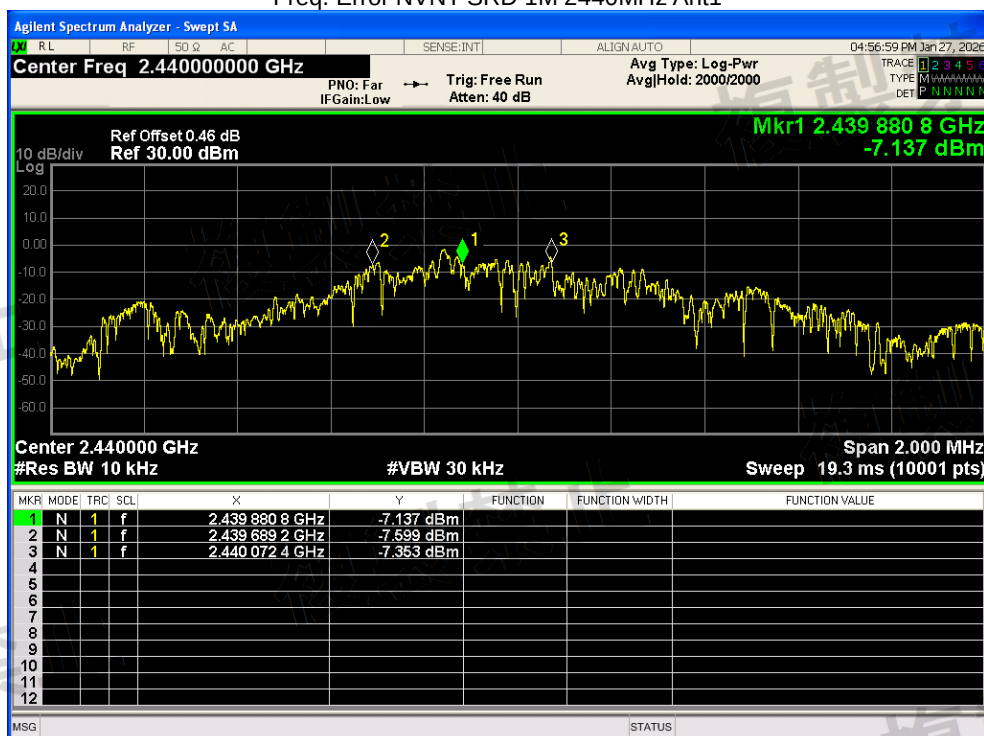
1. SG adjusted the frequency as same as the EUT transmitted signal and emitted the absence of modulation from SG and power level is $(on\ 22.79 + G - 20 \cdot \log(f) \text{ dBm})$ (G is the antenna gain, f is the test frequency).
2. turn off the RF signal of the SG.
3. EUT have transmitted the maximum modulation signal and fixed channelize.
4. Setting of SA :RBW/VBW=1MHz/1MHz, Span=50MHz, Sweep time=auto, Sweep mode=continuous, Detect mode=positive peak
5. SG RF signal on.
6. EUT shall be stop the transmitted any signal and SG RF signal off, the EUT will be continuous transmitted signal.

11.3. RESULT

Note: Not Applicable

12.1 FREQUENCY ERROR

Freq. Error NVNT SRD 2M 2440MHz Ant1



12.2 ANTENNA POWER

Condition	Mode	Frequency (MHz)	Antenna	Antenna Power (mW)	Limit (mW)	Verdict
NVNT	SRD 2M	2440	Ant1	4.37	10	Pass
NVNT	SRD 1M	2440	Ant1	4.34	10	Pass

12.3 TOLERANCE

Condition	Mode	Frequency (MHz)	Antenna	Antenna Power (mW)	Declared Power (mW)	Tolerance (%)	Upper Limit (%)	Verdict
NVNT	SRD 2M	2440	Ant1	4.37	4.5	-2.89	+20	Pass
NVNT	SRD 1M	2440	Ant1	4.34	4.5	-3.56	+20	Pass

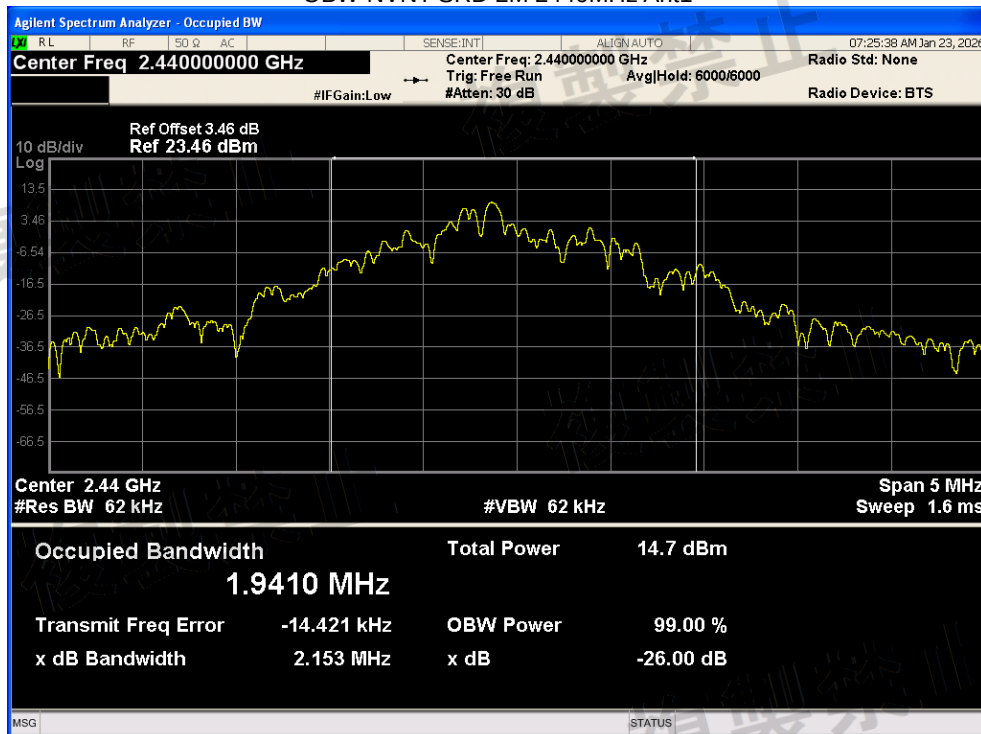
12.4 EIRP POWER

Condition	Mode	Frequency (MHz)	Antenna	Antenna Power (dBm)	Gain (dBi)	EIRP Power (dBm)	Limit (dBm)	Verdict
NVNT	SRD 2M	2440	Ant1	6.40	-4.24	2.16	12.14	Pass
NVNT	SRD 1M	2440	Ant1	6.37	-4.24	2.13	12.14	Pass

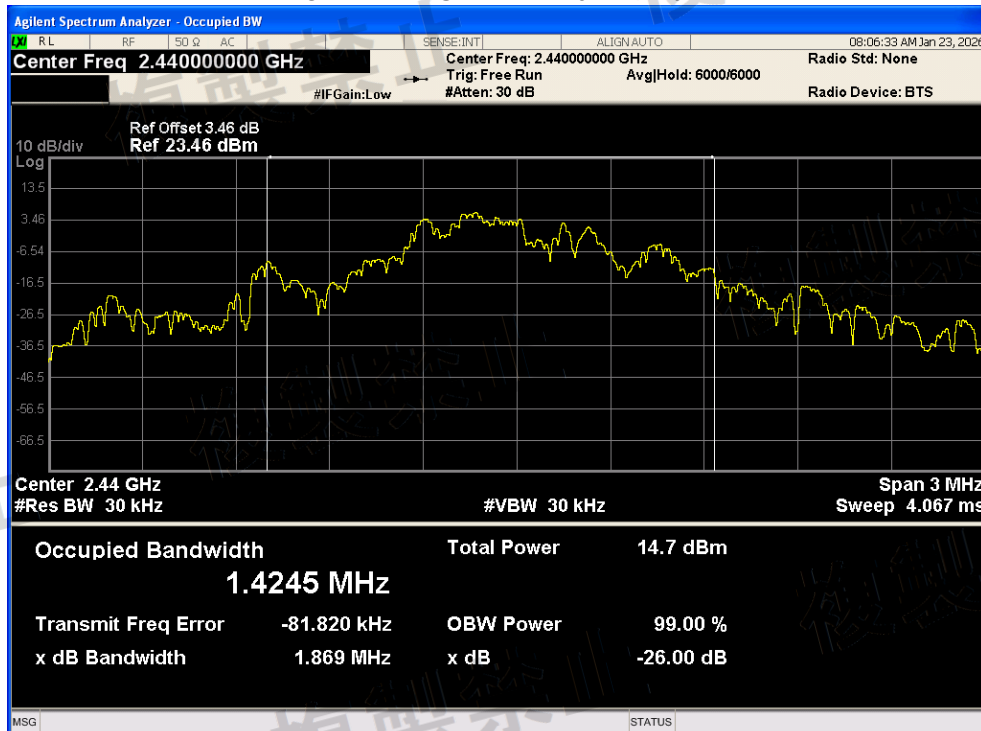
12.5 OCCUPIED CHANNEL BANDWIDTH

Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	SRD 2M	2440	Ant1	1.941
NVNT	SRD 1M	2440	Ant1	1.425

OBW NVNT SRD 2M 2440MHz Ant1



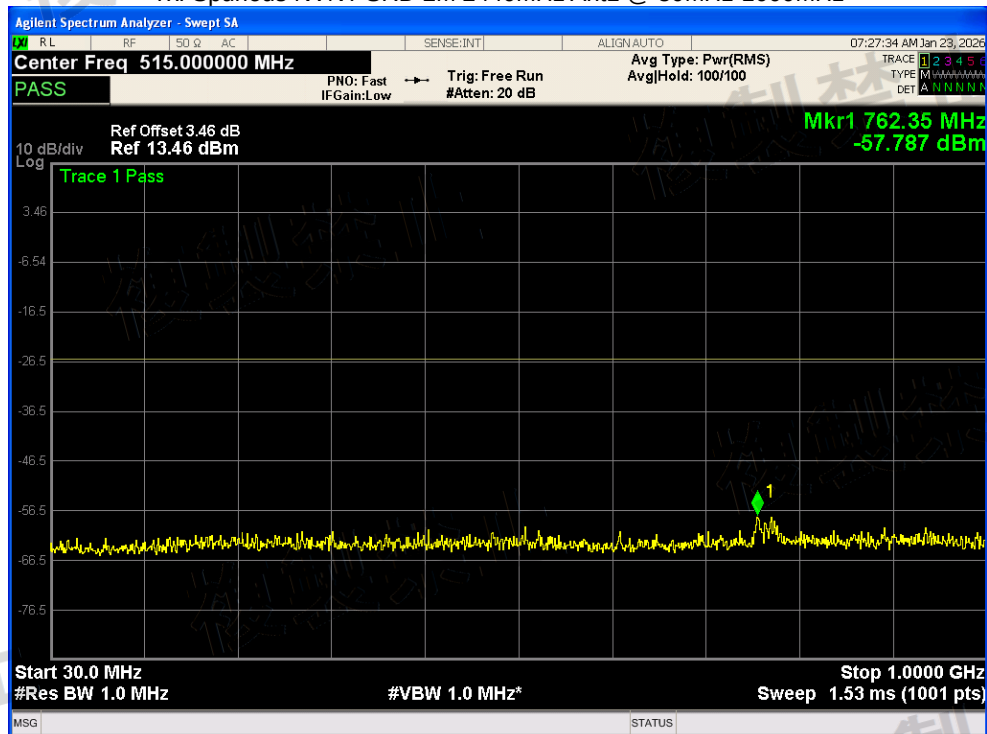
OBW NVNT SRD 1M 2440MHz Ant1



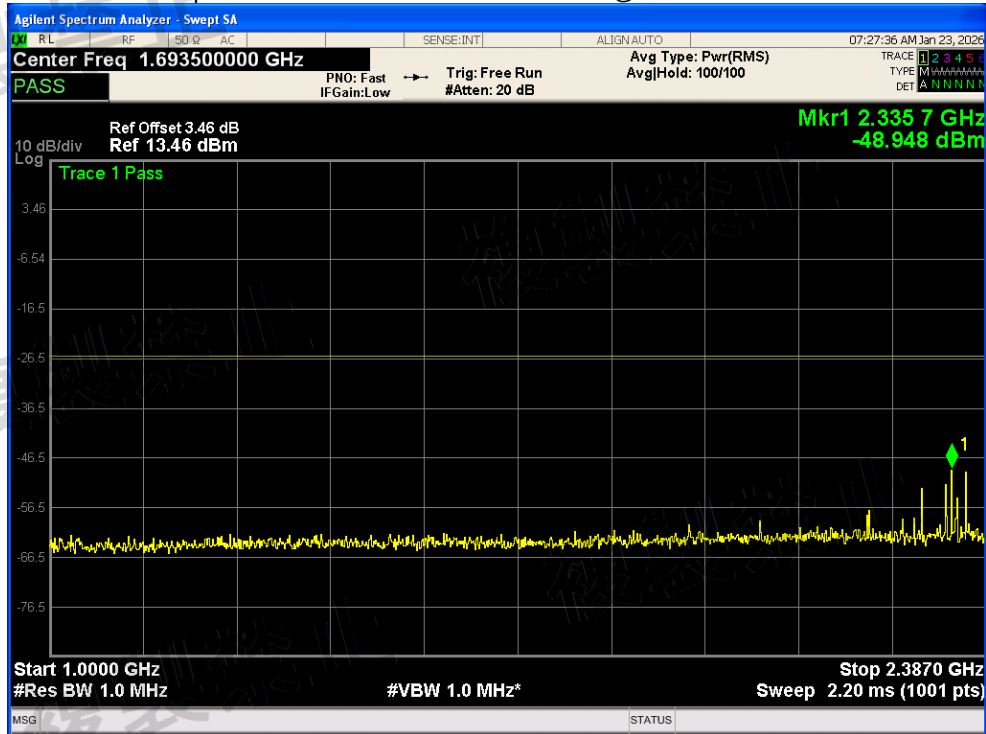
12.6 TX SPURIOUS EMISSION

Condition	Mode	Frequency (MHz)	Antenna	Range (MHz)	Emission Frequency (MHz)	Max Value (dBm)	Max Value (uW)	Limit Start (uW)	Limit Stop (uW)	Verdict
NVNT	SRD 2M	2440	Ant1	30-1000	762.35	-57.78	0.0017	2.5	2.5	Pass
NVNT	SRD 2M	2440	Ant1	1000-2387	2335.68	-48.94	0.0128	2.5	2.5	Pass
NVNT	SRD 2M	2440	Ant1	2387-2400	2390.13	-58.5	0.0014	25	25	Pass
NVNT	SRD 2M	2440	Ant1	2483.5-2496.5	2487.11	-41.42	0.0721	25	25	Pass
NVNT	SRD 2M	2440	Ant1	2496.5-13000	12653.38	-61.16	0.0008	2.5	2.5	Pass
NVNT	SRD 1M	2440	Ant1	30-1000	408.3	-59.11	0.0012	2.5	2.5	Pass
NVNT	SRD 1M	2440	Ant1	1000-2387	2134.57	-53.23	0.0048	2.5	2.5	Pass
NVNT	SRD 1M	2440	Ant1	2387-2400	2396.48	-40.15	0.0966	25	25	Pass
NVNT	SRD 1M	2440	Ant1	2483.5-2496.5	2484.44	-42.87	0.0516	25	25	Pass
NVNT	SRD 1M	2440	Ant1	2496.5-13000	4880.79	-42.04	0.0625	2.5	2.5	Pass

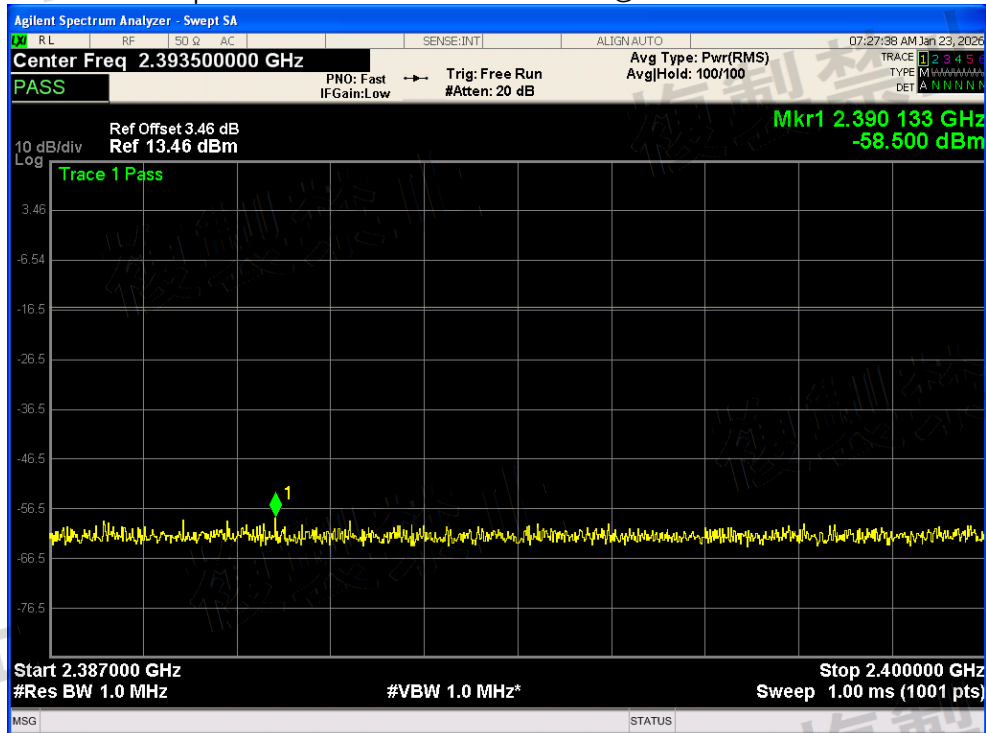
Tx. Spurious NVNT SRD 2M 2440MHz Ant1 @ 30MHz-1000MHz



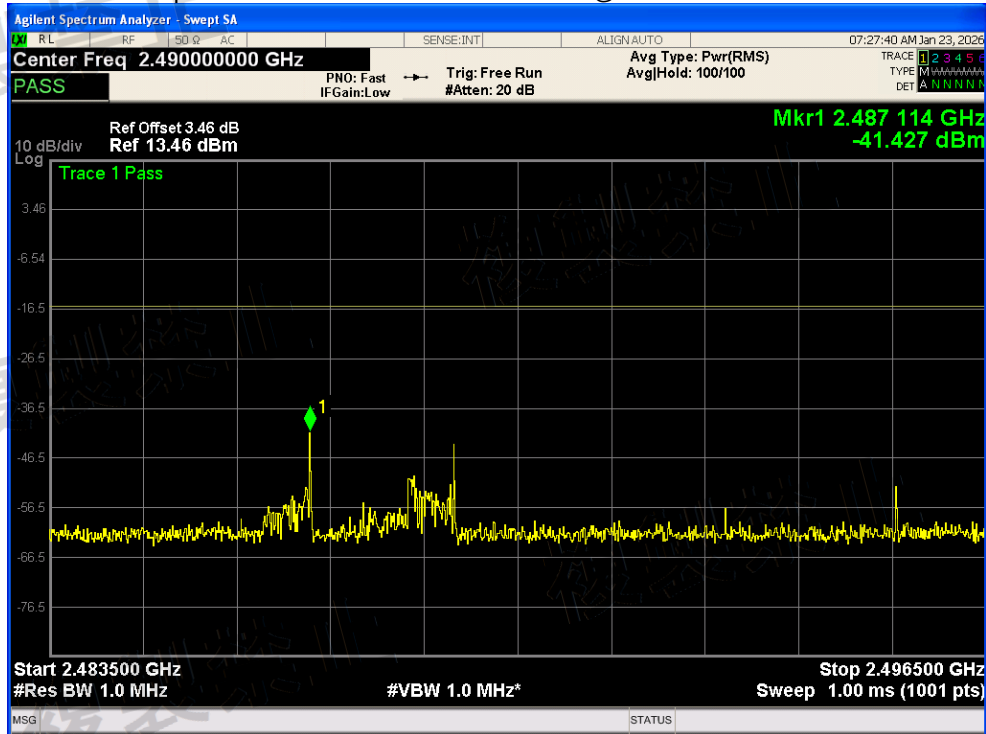
Tx. Spurious NVNT SRD 2M 2440MHz Ant1 @ 1000MHz-2387MHz



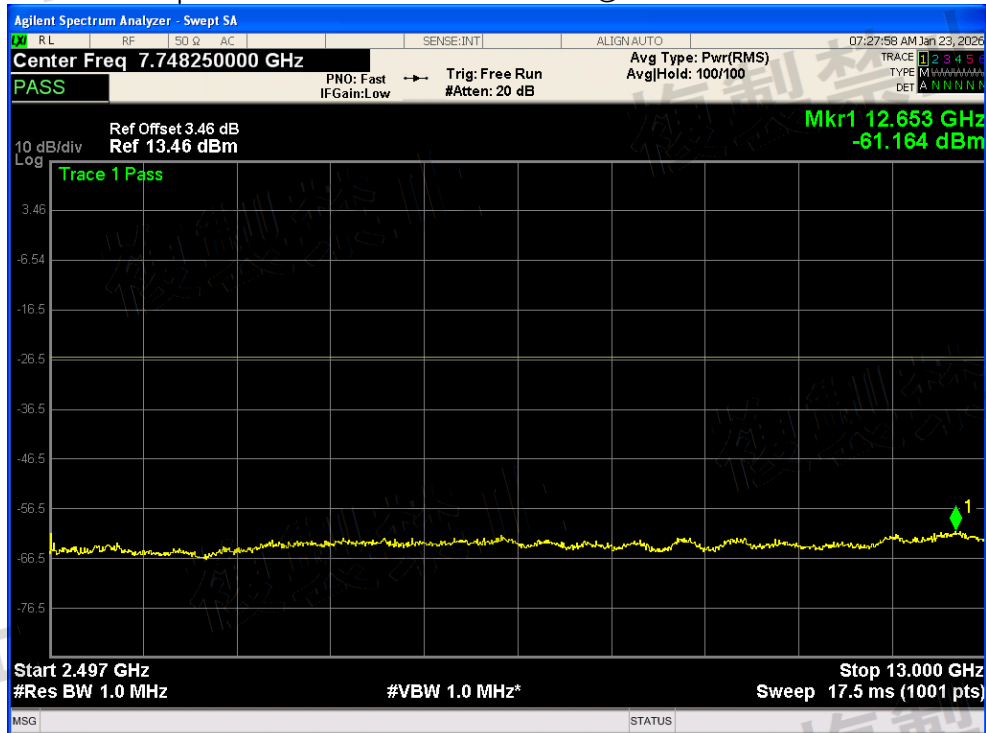
Tx. Spurious NVNT SRD 2M 2440MHz Ant1 @ 2387MHz-2400MHz



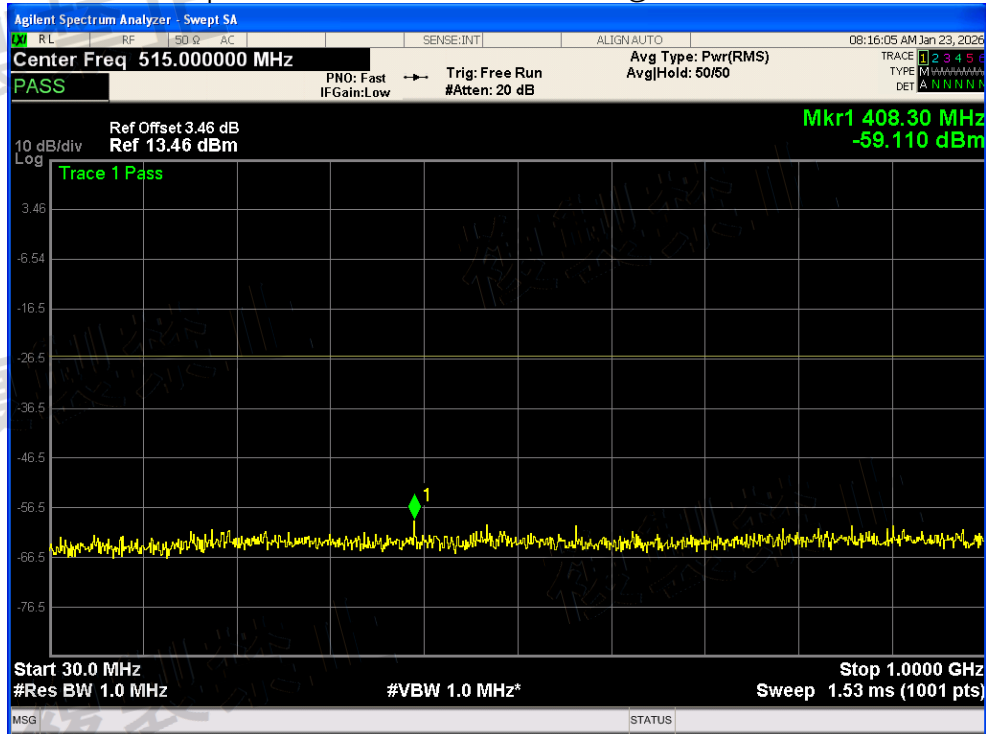
Tx. Spurious NVNT SRD 2M 2440MHz Ant1 @ 2483.5MHz-2496.5MHz



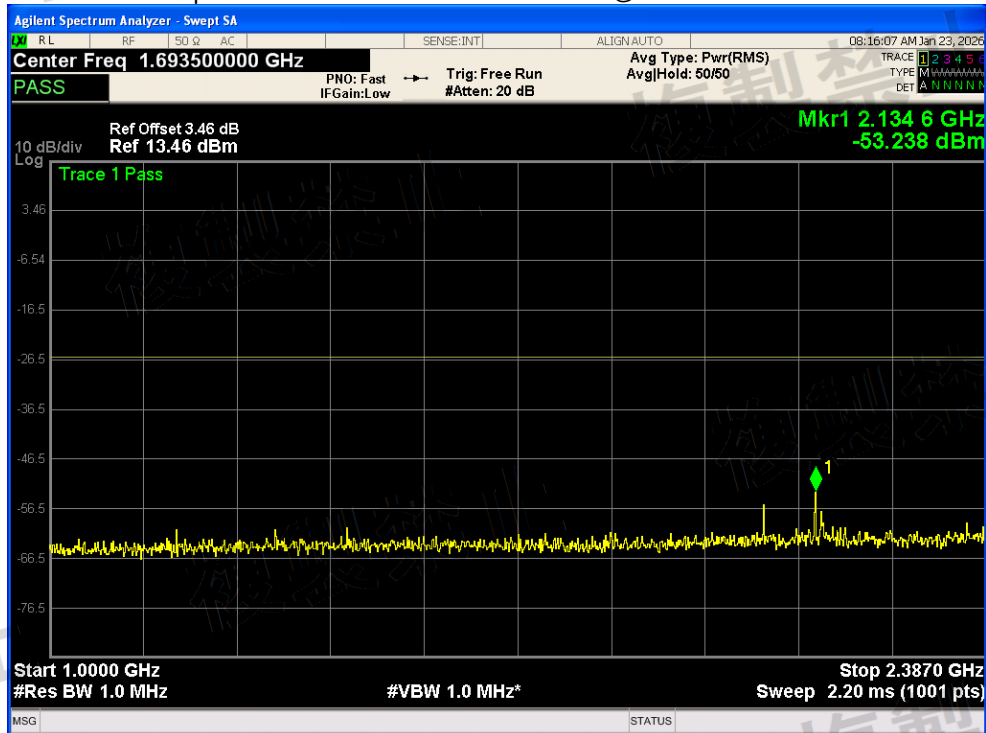
Tx. Spurious NVNT SRD 2M 2440MHz Ant1 @ 2496.5MHz-13000MHz



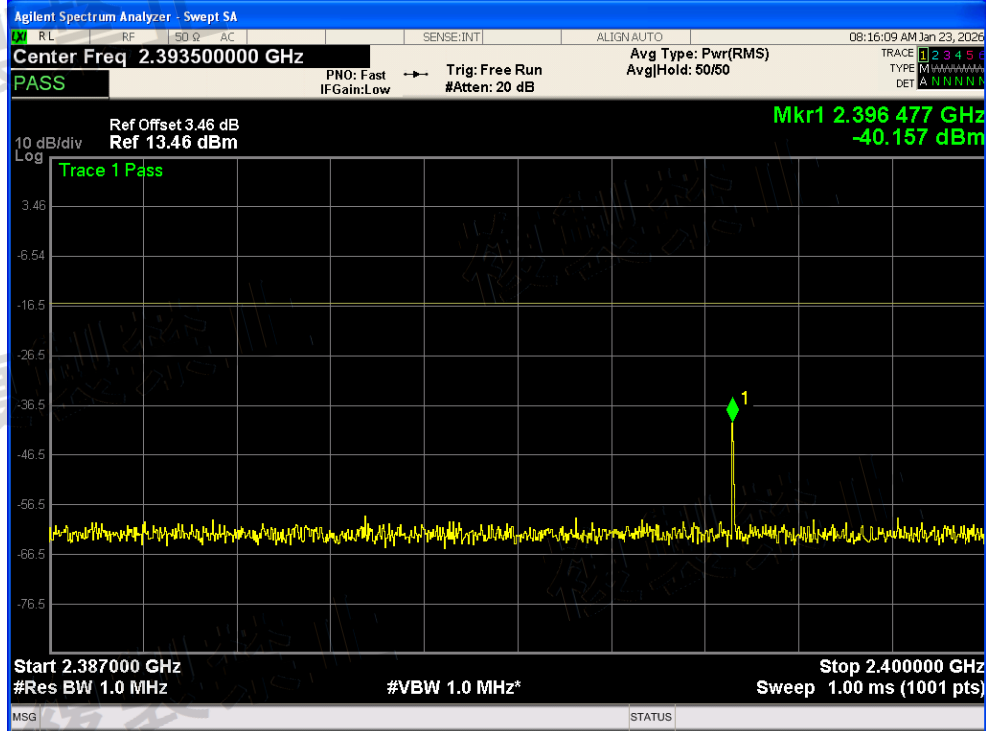
Tx. Spurious NVNT SRD 1M 2440MHz Ant1 @ 30MHz-1000MHz



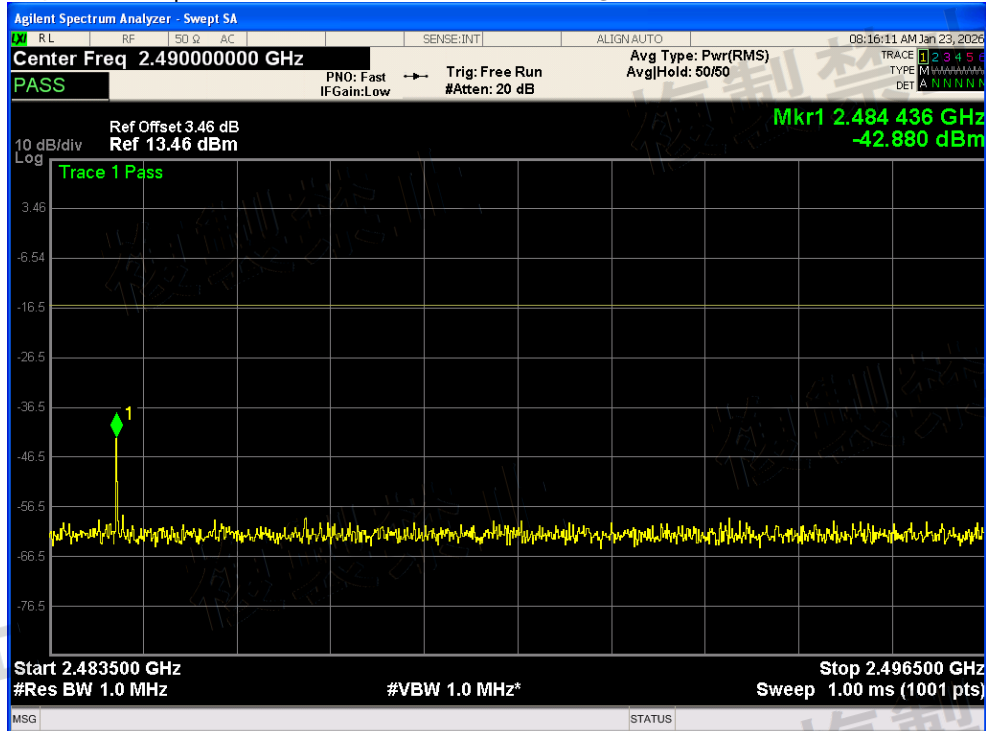
Tx. Spurious NVNT SRD 1M 2440MHz Ant1 @ 1000MHz-2387MHz



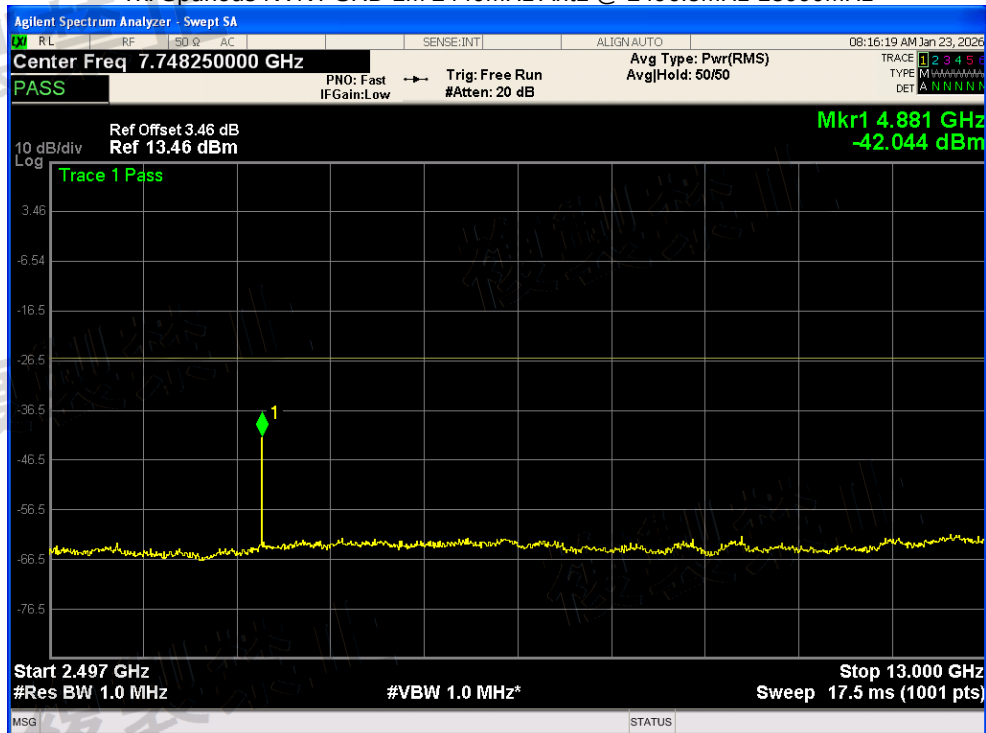
Tx. Spurious NVNT SRD 1M 2440MHz Ant1 @ 2387MHz-2400MHz



Tx. Spurious NVNT SRD 1M 2440MHz Ant1 @ 2483.5MHz-2496.5MHz



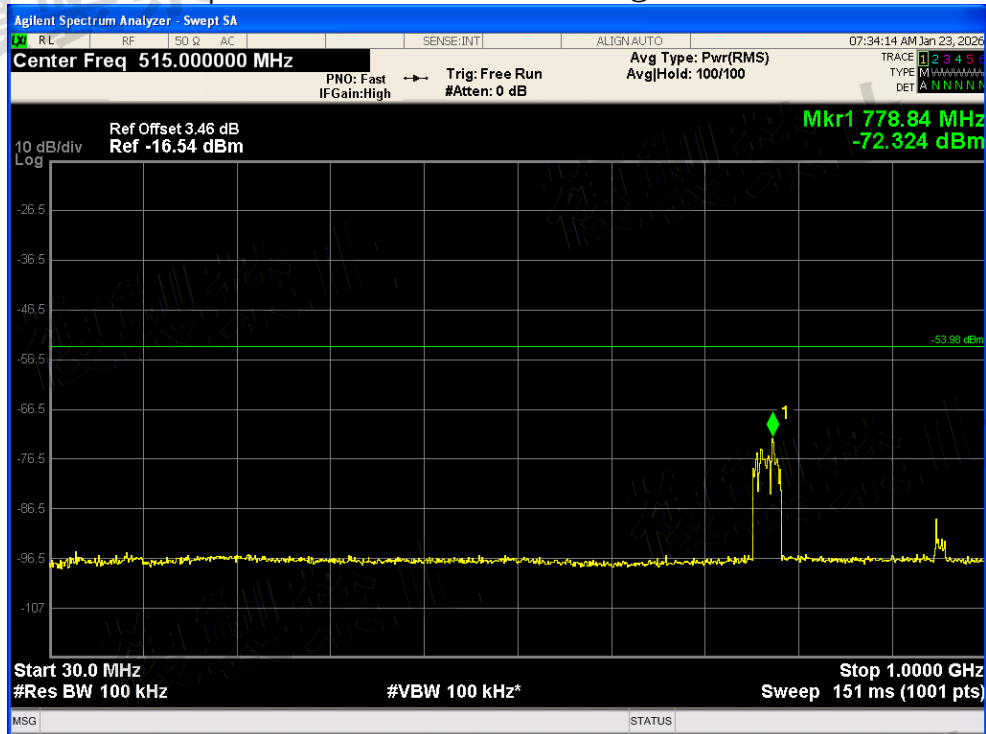
Tx. Spurious NVNT SRD 1M 2440MHz Ant1 @ 2496.5MHz-13000MHz



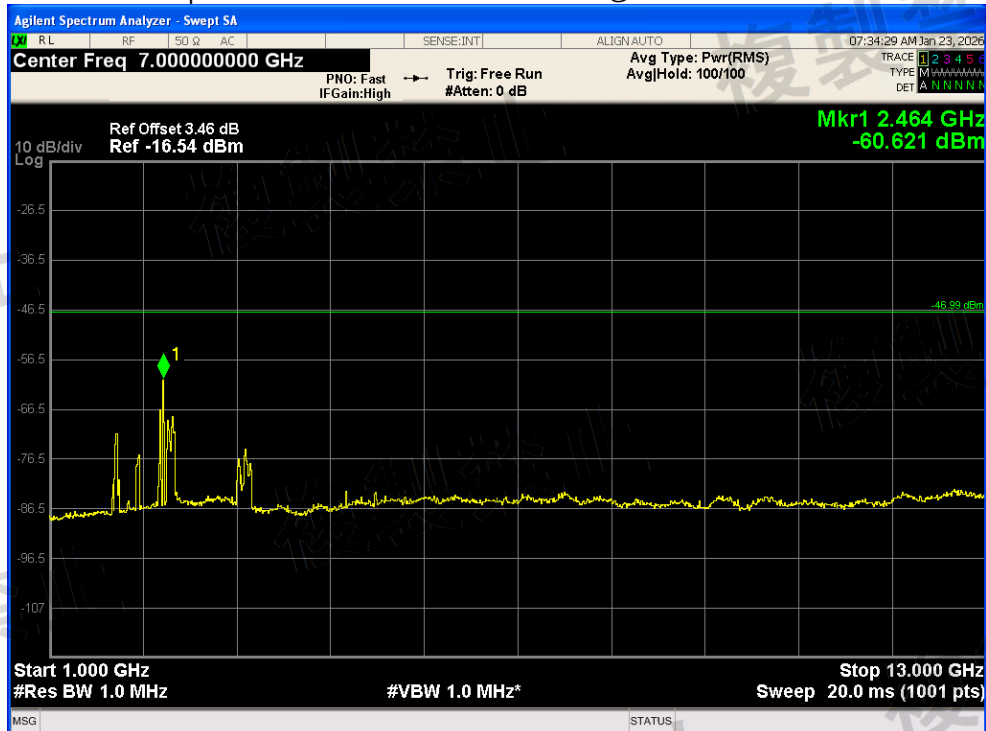
12.7 RX SPURIOUS EMISSION

Condition	Mode	Frequency (MHz)	Antenna	Range (MHz)	Emission Frequency (MHz)	Max Value (dBm)	Max Value (nW)	Limit (nW)	Verdict
NVNT	SRD 2M	2440	Ant1	30-1000	778.84	-72.32	0.0586	4	Pass
NVNT	SRD 2M	2440	Ant1	1000-13000	2464	-60.62	0.867	20	Pass
NVNT	SRD 1M	2440	Ant1	30-1000	121.18	-95.02	0.0003	4	Pass
NVNT	SRD 1M	2440	Ant1	1000-13000	2788	-75.37	0.029	20	Pass

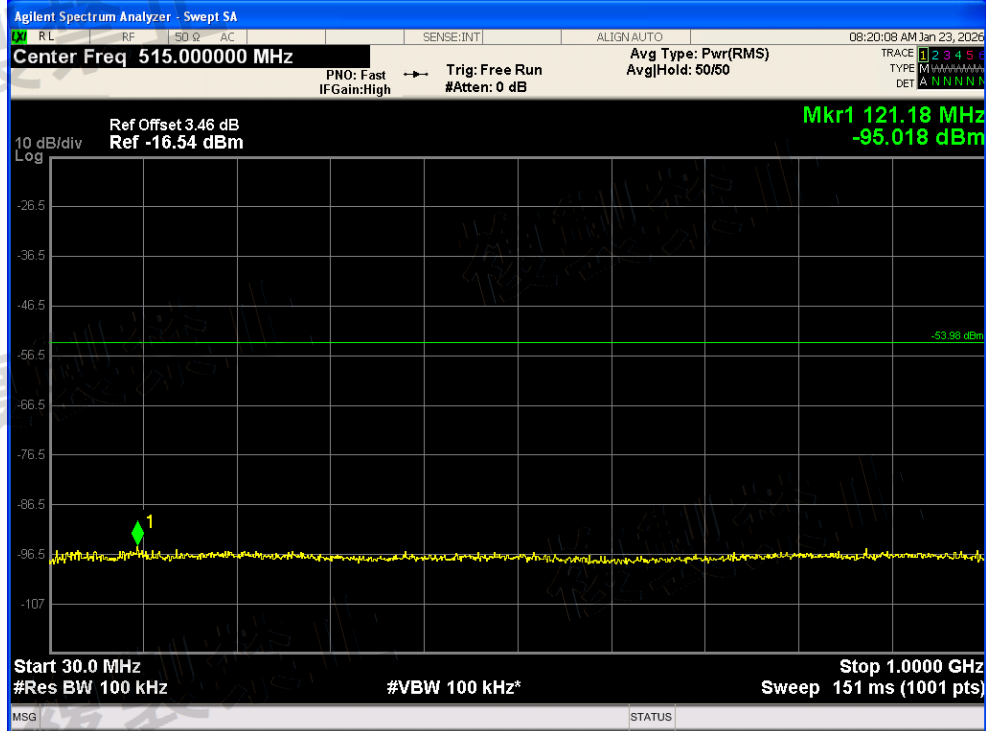
Rx. Spurious NVNT SRD 2M 2440MHz Ant1 @ 30MHz-1000MHz



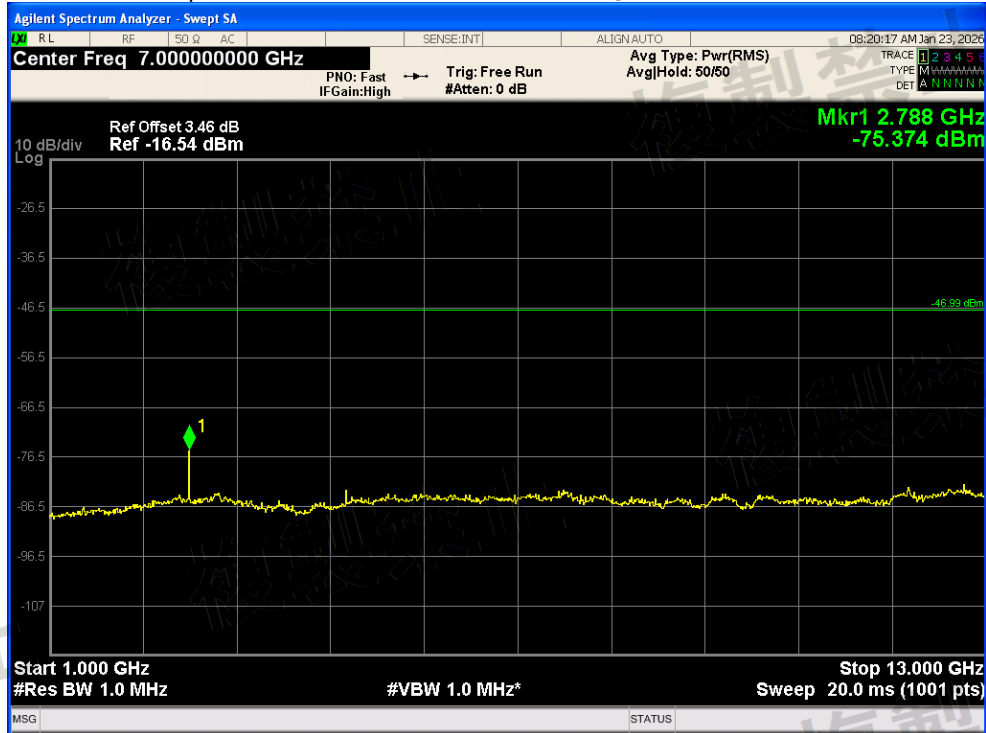
Rx. Spurious NVNT SRD 2M 2440MHz Ant1 @ 1000MHz-13000MHz



Rx. Spurious NVNT SRD 1M 2440MHz Ant1 @ 30MHz-1000MHz



Rx. Spurious NVNT SRD 1M 2440MHz Ant1 @ 1000MHz-13000MHz



REPORT IS FINISHED.