



RF TEST REPORT

Product Name: Magnetic Switch Gaming Keyboard

Model Number: WH80

Issued For : Shenzhen NuPhy Technology Co., LTD

3820 Baoshan Times Building, Minqiang Community, Minzhi
Street, Longhua District, Shenzhen

Issued By : Shenzhen LGT Test Service Co., Ltd.

Room 205, Building 13, Zone B, Zhenxiong Industrial Park,
No.177, Renmin West Road, Jinsha, Kengzi Street, Pingshan
District, Shenzhen, Guangdong, China

Report Number: LGT26A063RF07

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Room 205, Building 13, Zone B, Zhenxiong Industrial Park, No.177, Renmin West Road, Jinsha, Kengzi Street, Pingshan District,
Shenzhen, Guangdong, China



TEST REPORT CERTIFICATION

Applicant: Shenzhen NuPhy Technology Co., LTD

Address: 3820 Baoshan Times Building, Minqiang Community, Minzhi Street,
Longhua District, Shenzhen

Manufacturer: SHENZHEN ARBITER TECHNOLOGY CO.,LTD

Address: Floor 2, 3 and 4, Bldg. A, Meisheng Industrial Park, Chongqing Rd.,
Fuhai St., Baoan Dist., Shenzhen, Guangdong

Product Name: Magnetic Switch Gaming Keyboard

Trademark: NuPhy

Model Number: WH80

Sample Status: Normal

APPLICABLE STANDARDS	
STANDARD	TEST RESULTS
Article 2 Paragraph 1 of Item 19, annex 43 and annex 1, MIC Notice No.88 Appendix No.43	PASS

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Revision History

Rev.	Issue Date	Contents
00	Jan. 26, 2026	Initial Issue



1. SUMMARY OF THE TEST RESULTS

Test procedures according to the technical standards: annex 43 of Notification No.88.

Rule Section	Description of Test	Judgement
3.2	Frequency Error	PASS
3.2	Occupied Bandwidth (99%) Spread-spectrumBandwidth (90%)	PASS
3.2	Unwanted Emission Intensity	PASS
3.2	Power Error	PASS
3.3	Limitation of Collateral Emission of Receiver	PASS
3.6	Transmission Radiation power	PASS
3.2	Transmission Radiation Angle Width (3dB Beamwidth)	N/A
3.4	Radio Interference Prevention Capability	PASS
3.2	Spreading Factor	N/A
Note(2)	Carrier Sense Capability	N/A
3.7	Construction Protection Confirmation	PASS

Note:

- (1) "N/A" means test is not applicable in this Test Report.
- (2) Article 2 Paragraph 1 of Item 19.
- (3) This device has more than 1 subcarrier in 1MHz, compliances with the requirement.



1.1 TEST LABORATORY

Company Name:	Shenzhen LGT Test Service Co., Ltd.
Address:	Room 205, Building 13, Zone B, Zhenxiong Industrial Park, No.177, Renmin West Road, Jinsha, Kengzi Street, Pingshan District, Shenzhen, Guangdong, China

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	RF Output Power, Conducted	$\pm 0.71\text{dB}$
2	Conducted emission	$\pm 2.80\text{dB}$
3	Temperature	$\pm 0.5^\circ\text{C}$

Note: The measurement uncertainty is not included in the test result.



2. GENERAL INFORMATION

2.1 GENERAL DESCRIPTION OF THE EUT

Product Name:	Magnetic Switch Gaming Keyboard	
Test Model Number:	WH80	
Series Number:	N/A	
Model Difference:	N/A	
Product Description:	Operation Frequency:	2402~2480 MHz
	Modulation Type:	GFSK (1M PHY, 2M PHY)
	Number Of Channel:	40CH
	Antenna Designation:	PCB Antenna
	Antenna Gain(dBi):	1.34 dBi
	Based on the application, features, or specification exhibited in User Manual, the EUT is considered as an ITE/Computing Device. More details of EUT technical specification, please refer to the User Manual.	
Channel List:	Please refer to the Note 3.	
Rating:	Input: 5V (Open Pluggable Specification interface)	
Battery:	Capacity: 4000mAh Rated Voltage: 3.7V	
Hardware Version:	VER1.0	
Software Version:	MCU V112	
Connecting I/O Port(s):	Please refer to the Note 1.	

Note:

1. For a more detailed features description, please refer to the manufacturer's specifications or the User Manual.
2. The antenna information refers to the manufacturer provide report, applicable only to the tested sample identified in the report. Due to the incorrect antenna information, a series of problems such as the accuracy of the test results will be borne by the customer.



3.

Channel List					
Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)
00	2402	14	2430	28	2458
01	2404	15	2432	29	2460
02	2406	16	2434	30	2462
03	2408	17	2436	31	2464
04	2410	18	2438	32	2466
05	2412	19	2440	33	2468
06	2414	20	2442	34	2470
07	2416	21	2444	35	2472
08	2418	22	2446	36	2474
09	2420	23	2448	37	2476
10	2422	24	2450	38	2478
11	2424	25	2452	39	2480
12	2426	26	2454	--	--
13	2428	27	2456	--	--

Regards to the operating frequency range over 10 MHz, the Lowest frequency, the middle frequency, and the highest frequency of channel were selected to perform the test, and the selected channel see below:

Lowest frequency		Middle frequency		Highest frequency	
00	2402	19	2440	39	2480



2.2 DESCRIPTION OF THE TEST MODES

Pretest Mode	Description
Mode 1	1M PHY (CH00 CH19 CH39)
Mode 2	2M PHY (CH00 CH19 CH39)

2.3 TABLE FOR PARAMETERS OF THE TEST SOFTWARE SETTING

Type	Mode Or Modulation type	ANT Gain(dBi)	Power Setting	Software For Testing
BLE_1M PHY	GFSK	1.34	Default	DTM(BT) RF _RFTest-1017
BLE_2M PHY	GFSK	1.34	Default	

2.4 TEST CONDITIONS

Power Supply Voltage Fluctuation Test

Voltage Fluctuation Test	Normal Voltage	High Voltage +10% of Normal Voltage	Low Voltage -10% of Normal Voltage
Input DC Power(V)	3.7	4.07	3.33
RF Chip Input DC Power(V)	3.300	3.313	3.269
Voltage Variation (%)	/	0.39	-0.94

Note: 1. Voltage Variation (%)

= (RF chip Input high or Low Voltage - RF chip Input Normal Voltage)/ RF chip Input Normal Voltage* 100

2. RF chip Input DC power fluctuation is verified at the power input PIN of the RF chip.

When the input supply voltage to the EUT from the external power source is varied by +/- 10%, the 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%, and the DC power fluctuation at the power input PIN of the RF chip is equal to or less than +/-1%.Exempt extremely high and low supply voltage condition tests, EUT only operated in normal voltage to test all regulations.

2.5 TEST ENVIRONMENTAL

During the measurement the environmental conditions

Normal Temperature: 24.5°C

Relative Humidity: 53 %

Air Pressure: 101.78 kPa



2.6 DESCRIPTION OF NECESSARY ACCESSORIES AND SUPPORT UNITS

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.

Necessary accessories

Item	Equipment	Mfr/Brand	Model/Type No.	Length	Note
N/A	N/A	N/A	N/A	N/A	N/A

Support units

Item	Equipment	Mfr/Brand	Model/Type No.	Length	Note

Note:

(1) For detachable type I/O cable should be specified the length in cm in 『Length』 column.



2.7 EQUIPMENTS LIST FOR ALL TEST ITEMS

Equipment	Manufacturer	Model No.	Serial No.	Cal. Date	Cal. Until	Classification
Signal Analyzer	Keysight	N9010B	MY60242508	2025.03.05	2026.03.04	(c)
Signal Analyzer	Keysight	N9020A	MY50530994	2025.03.05	2026.03.04	(c)
RF Automatic Test system	MW	MW100-R FCB	MW220324LG-33	2025.03.06	2026.03.05	(c)
MXG Vector Signal Generator	Keysight	N5182B	MY59100717	2025.03.05	2026.03.04	(c)
Temperature& Humidity test chamber	AISRY	LX-1000L	171200018	2025.07.30	2026.07.29	(c)
Attenuator	eastsheep	90db	N.A	2025.03.06	2026.03.05	(c)
Temperature & Humidity	JINGCHUAN G	BT-3	N.A	2025.03.10	2026.03.09	(c)
Digital multimeter	MASTECH	MS8261	MBGBC83053	2025.03.05	2026.03.04	(c)
DC source	Keysight	E3634A	MY58036468	2025.03.06	2026.03.05	(c)

Remark:

(a) Calibration conducted by the National institute of Information and Communications Technology (NICT) in Japan (hereinafter referred to as "NICT") 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 (ActNo. 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 (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.

Test Equipment Calibration

All of the test equipment is effective use and calibration certification institution, LISAI, the address is No.8.South Street Shi li institute Guangzhou.Guangdong.China



3. FREQUENCY ERROR

3.1 LIMIT

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

3.2 TEST PROCEDURES

The following table is the setting of Spectrum Analyzer.

Spectrum Parameter	Setting
Attenuation	Auto
RBW / VBW	10KHz
Detector	Peak
Trace	Max Hold
Sweep Time	Auto

- (1) In the case of unmodulated signal (continuous or continuous burst), measure the frequency directly by a frequency meter.
- (2) In the case of burst waves, the measurement shall be done for enough time in order to obtain the enough measuring accuracy, and the average of the measured values becomes the final value.
- (3) In the case of a test mode with a specific frequency spectrum, measure the frequency of the specific spectrum by a spectrum analyzer.
- (4) In the cases above, if the frequency equivalent to the test frequency is not directly measured in principle, it shall be obtained by necessary calculation.

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.

3.3 TEST SETUP



3.4 TEST RESULT

For the measurement records, refer to the appendix I.



4. ANTENNA POWER

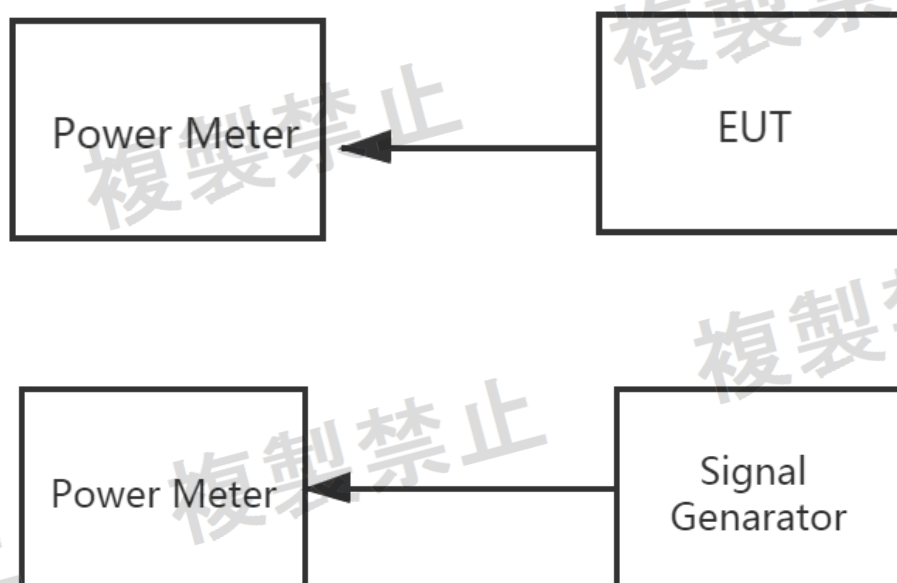
4.1 LIMIT

Item	Limits
Antenna PowerDensity	$\leq 3\text{mW/MHz}$ (FH from 2400 – 2483.5 MHz) $\leq 10\text{mW/MHz}$ (OFDM,DS from 2400~2483.5MHz,802.11b/g/n HT20) $\leq 5\text{mW/MHz}$ (OFDM,DS from 2400~2483.5MHz,802.11n HT40) $\leq 10\text{mW}$ (Other from 2400~2483.5MHz)
Power Error	+20%

4.2 TEST PROCEDURE

1. EUT turn to test frequency channel and keep continuous transmitting.
2. Reading the output power from the Power meter as P_{EUT} .
3. Turn the Signal generator to frequency channel the same as the EUT.
4. Turn the level of Signal generator, scan with the power meter until the power equal to P_{EUT} , the level of Signal generator recorded as "P".
5. The antenna power of EUT is "P".
6. EIRP power="P"+antenna gain.

4.3 TEST SETUP



4.4 TEST DEVIATION

There is no deviation with the original standard.

4.5 TEST RESULT

For the measurement records, refer to the appendix I.



5. RADIATION POWER

5.1 LIMIT

Item	Limits
Radiation powerEIRP	FH form 2400 – 2483.5MHz, EIRP $\leq$ 6.91dBm/MHz CCK/OFDM/DBPSK (2400~2483.5MHz) OFDM or DS other than (802.11b/g/n HT20) EIRP $\leq$ 12.14 dBm/MHz OFDM or DS other than (802.11n HT40) EIRP $\leq$ 9.13dBm/MHz Other from 2400~2483.5MHz: 12.14 dBm or less

5.2 TEST RESULT

For the measurement records, refer to the appendix I.



6. OCCUPIED BANDWIDTH AND SPREADING BANDWIDTH

6.1 LIMIT

Item	Limits
Occupied Band Width:	83.5MHz for FHSS; 26MHz for DSSS and OFDM; 26 ~ 40MHz for OFDM(HT40)

6.2 TEST PROCEDURES

1. EUT have transmitted the maximum modulation signal and fixed channelize (For DSSS or OFDM Device) or continuous maximum power of hopping mode (For FHSS Device).
SA set to 99% of occupied bandwidth to measure occupied bandwidth. The limit is less than 26MHz (For DSSS or OFDM Device), 83.5MHz (For FHSS Device) or 38MHz (For OFDM (HT 40)).

6.3 TEST SETUP



6.4 TEST DEVIATION

There is no deviation with the original standard.

6.5 TEST RESULT

For the measurement records, refer to the appendix I.



7. UNWANTED EMISSION INTENSITY MEASUREMENT

7.1 LIMIT

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

7.2 TEST PROCEDURES

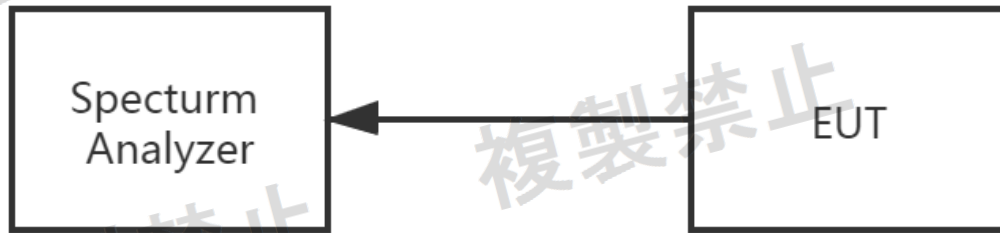
The following table is the setting of Spectrum Analyzer.

Spectrum Parameter	Setting
Attenuation	Auto
RBW / VBW	1MHz / 1MHz (Below 1GHz)
RBW / VBW	1MHz / 1MHz (Above 1GHz)
Detector	Peak
Trace	Max Hold
Sweep Time	Auto

1. EUT have transmitted the maximum modulation signal and fixed channelize.
2. Setting of SA is following as: Below 1GHz RB: 100KHz / VB: 100KHz, Above 1GHz RB: 1MHz / VB: 1MHz / Sweep time: Auto / Sweep Mode: Continuous sweep / Detect mode: Positive peak / Trace mode: Max hold
3. Setting of SA is following as 30MHz and stop frequency 1000MHz, then to mark peak reading value + cable loss shall be less than 2.5 μ W.
4. Setting of SA is following as 1000MHz and stop frequency 2387MHz, then to mark peak reading value + cable loss shall be less than 2.5 μ W.
5. SA adjusted to start frequency 2387MHz and stop frequency 2400MHz, then to mark peak reading value + cable loss shall be less than 25 μ W.
6. SA adjusted to start frequency 2483.5MHz and stop frequency 2496.5MHz, then to mark peak reading value + cable loss shall be less than 25 μ W
7. SA adjusted to start frequency 2496.5MHz and stop frequency 12750MHz, then to mark peak reading value + cable loss shall be less than 2.5 μ W
8. 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.



7.3 TEST SETUP



7.4 TEST DEVIATION

There is no deviation with the original standard.

7.5 TEST RESULT

For the measurement records, refer to the appendix I.



8. IMITATION OF COLLATERAL EMISSION OF RECEIVER MEASUREMENT

8.1 LIMIT

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

8.2 TEST PROCEDURES

The following table is the setting of Spectrum Analyzer.

Spectrum Parameter	Setting
Attenuation	Auto
RBW	100 kHz (below 1GHz emissions) 1 MHz (above 1GHz emissions)
VBW	100 kHz (below 1GHz emissions) 1 MHz (above 1GHz emissions)
Detector	Peak
Trace	Max Hold
Sweep Time	Auto

1. EUT have the continuous reception mode and fixed only one channelize.
2. Setting of SA is following as RB / VB: 100 kHz (below 1GHz emissions) / 1 MHz (above 1GHz emissions) / Sweep time: Auto / Sweep Mode: Continuous sweep / Detect mode: Positive peak / Trace mode: Max hold
3. 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.
4. 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.
5. 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.

8.3 TEST RESULT

For the measurement records, refer to the appendix I.



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

9.1 LIMIT

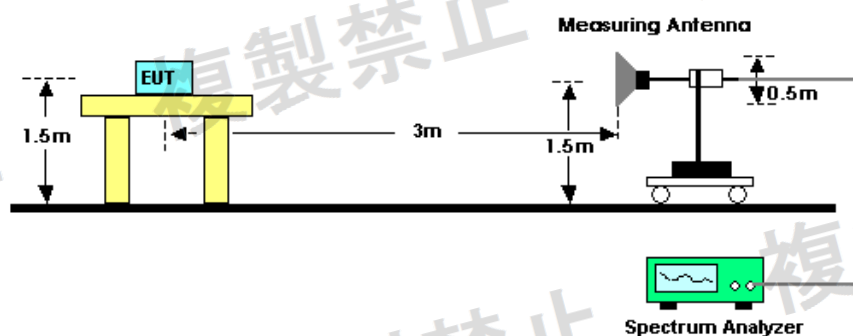
Item	Limits
3dB antenna beam width	$e \leq 360/A$ (The A is 10 in maximum) $A = \{EIRP \text{ Power [mW/MHz]} / \{2.14\text{dBi} + \text{output power}(10\text{mW/MHz}, 3\text{mW/MHz})\}\}$ Shall be 1 when A is lower than 1

9.2 TEST PROCEDURES

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

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. "E" is the half-power beam width (angle between two points at which radiated power becomes 1/2).
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 $360/A$ (The A is 10 in maximum).
 $e \leq 360/A$ (The A is 10 in maximum)
 $A = \{EIRP \text{ Power [mW/MHz]} / \{2.14\text{dBi} + \text{output power}(10\text{mW/MHz}, 3\text{mW/MHz})\}\}$
Shall be 1 when A is lower than 1

9.3 TEST SETUP



9.4 TEST DEVIATION

There is no deviation with the original standard.

9.5 TEST RESULT

As the EUT max EIRP is less than 12.14dBm, so the test is not applicable and skipped.

10. RADIO INTERFERENCE PREVENTION CAPABILITY MEASUREMENT

10.1 LIMIT

Item	Limits
Identification code	≥ 48 bits

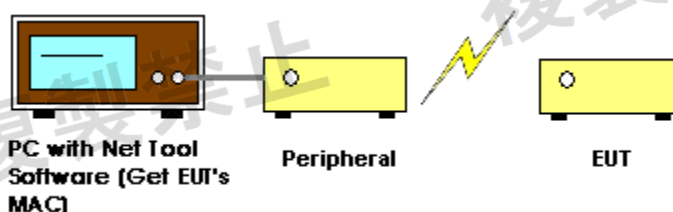
10.2 MEASURING ID CODE SOFTWARE

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:
 - Transmit the predetermined identification codes from EUT.
 - Check the transmitted identification codes with the demodulator.
- In the case of receiving the identification code:
 - Transmit the predetermined identification codes from the counterpart.
 - Check if communication is normal.
 - Transmit the signals other than predetermined ID codes from the counterpart.
 - check if the EUT stops the transmission, or if it displays that identification codes are different from the predetermined ones.

10.4 TEST SETUP



10.5 TEST DEVIATION

There is no deviation with the original standard.

10.6 TEST RESULT OF RADIO INTERFERENCE PREVENTION CAPABILITY

The MAC address is 26-B5-46-C0-FA-C6.

11. CARRIER SENSE CAPABILITY

11.1 INTERFERENCE PREVENTION FUNCTION

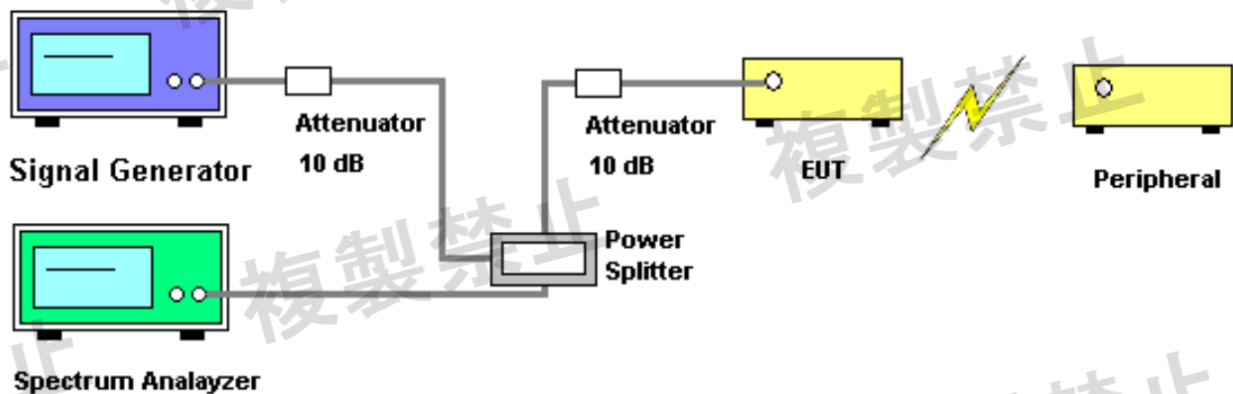
11.2 TEST REQUIREMENT

MIC Notice No.88 Appendix No.43

Article 2, Paragraph 1, Item 19 Rules Section 10

11.3 TEST PROCEDURE

1. SG adjusted the frequency as same as the EUT transmitted signal and emitted the absence of modulation from SG and power level is $(22.79 + G - 20 \cdot \log(f) \text{ dBm})$ (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=0MHz, 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



11.4 TEST RESULT

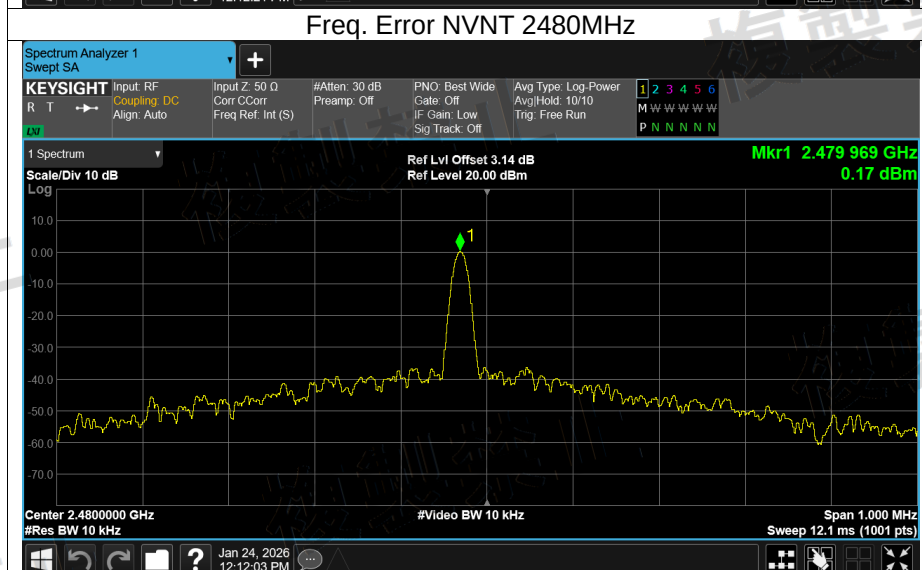
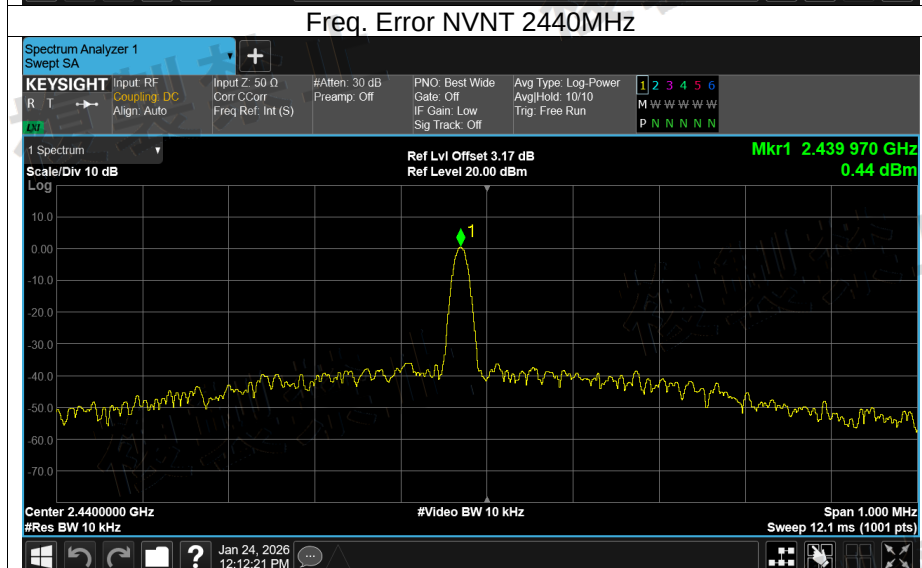
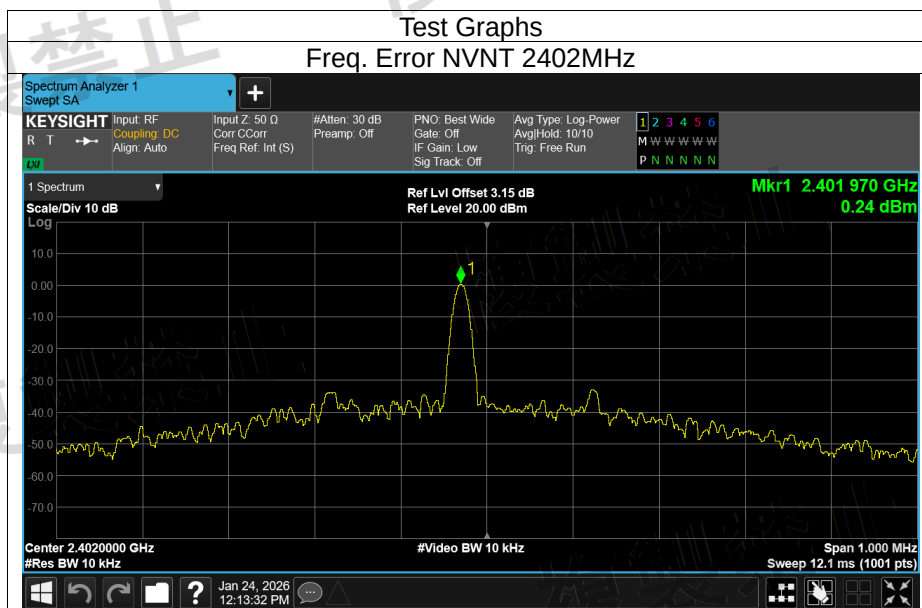
Not applicable.



APPENDIX I - TEST RESULTS

Frequency Error

Condition	Frequency (MHz)	Measured Frequency (MHz)	Frequency Error (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
NVNT	2402	2401.97	-30000	-12.49	±50	Pass
NVNT	2440	2439.97	-30000	-12.3	±50	Pass
NVNT	2480	2479.969	-31000	-12.5	±50	Pass





Antenna Power

Condition	Mode	Frequency (MHz)	Power (dBm)	Antenna Power (mW)	Limit (mW)	Declared Power (mW)	Tolerance (%)	Upper Limit (%)	Verdict
NVNT	BLE 1M	2402	0.21	1.05	10	1	5	20	Pass
NVNT	BLE 1M	2440	0.46	1.112	10	1	11.2	20	Pass
NVNT	BLE 1M	2480	0.19	1.045	10	1	4.5	20	Pass
NVNT	BLE 2M	2402	0.27	1.064	10	1	6.4	20	Pass
NVNT	BLE 2M	2440	0.47	1.114	10	1	11.4	20	Pass
NVNT	BLE 2M	2480	0.18	1.042	10	1	4.2	20	Pass



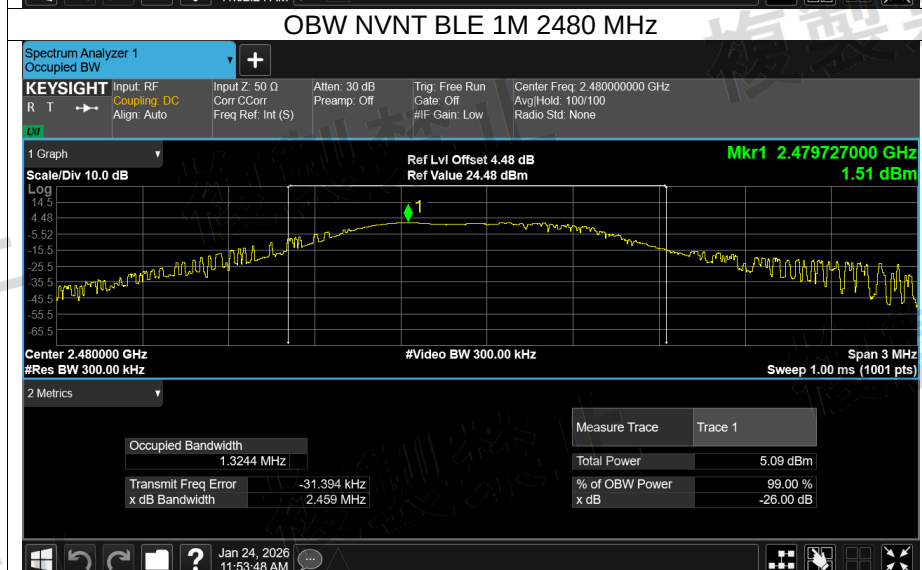
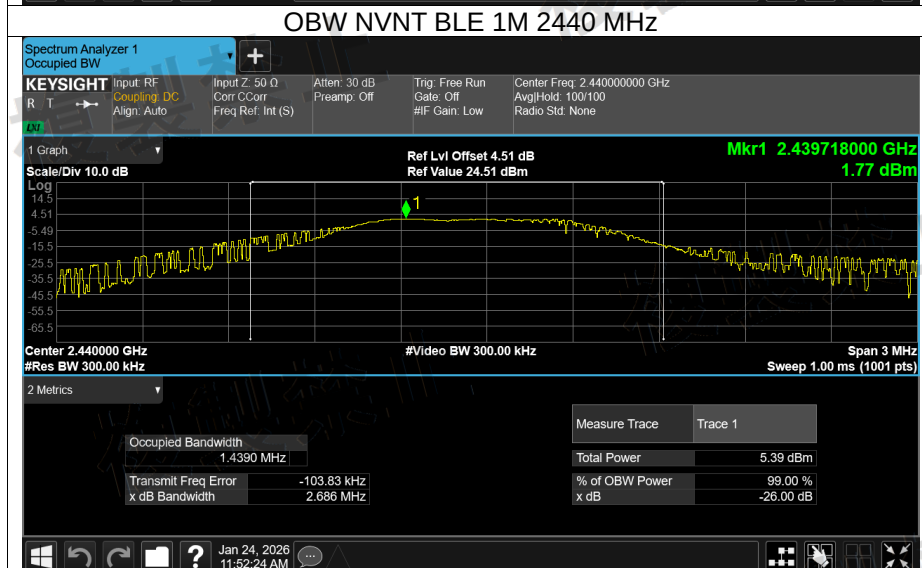
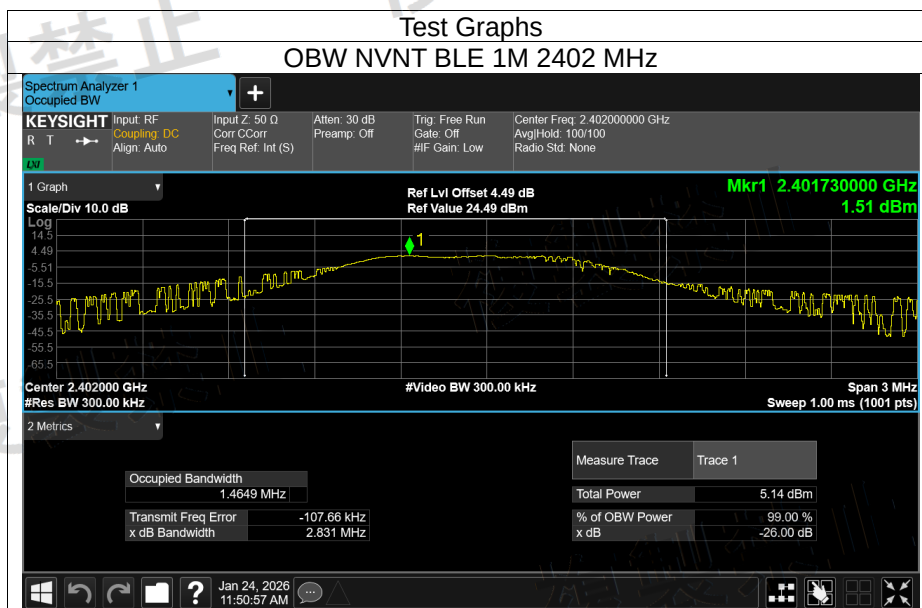
EIRP Power

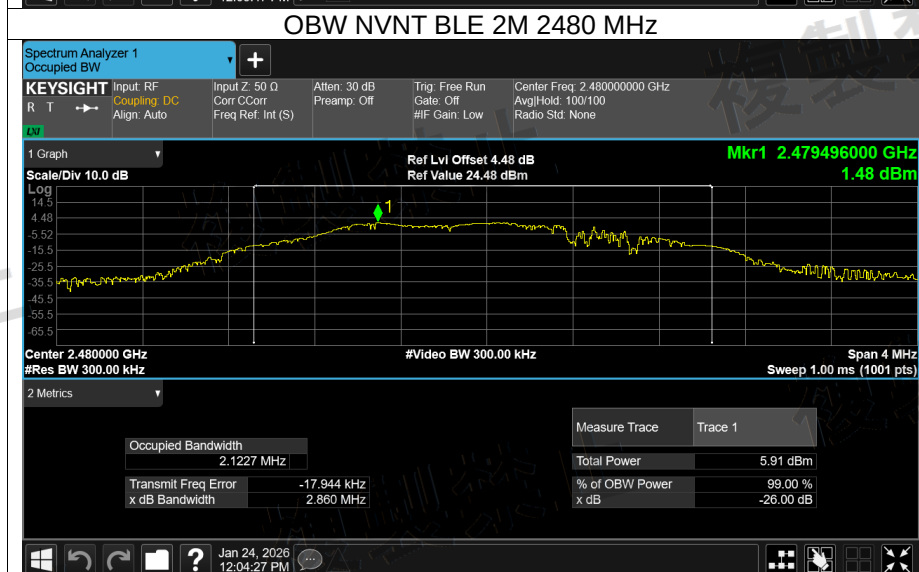
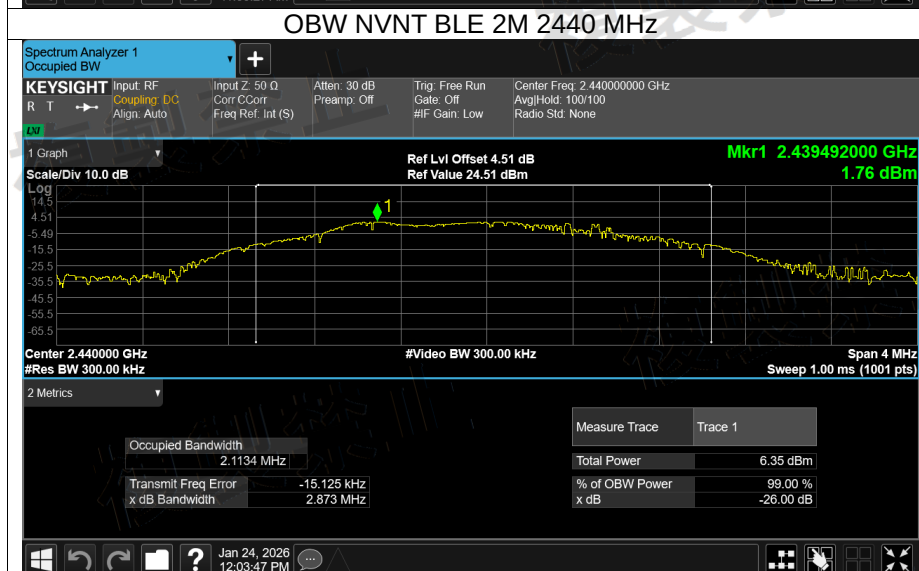
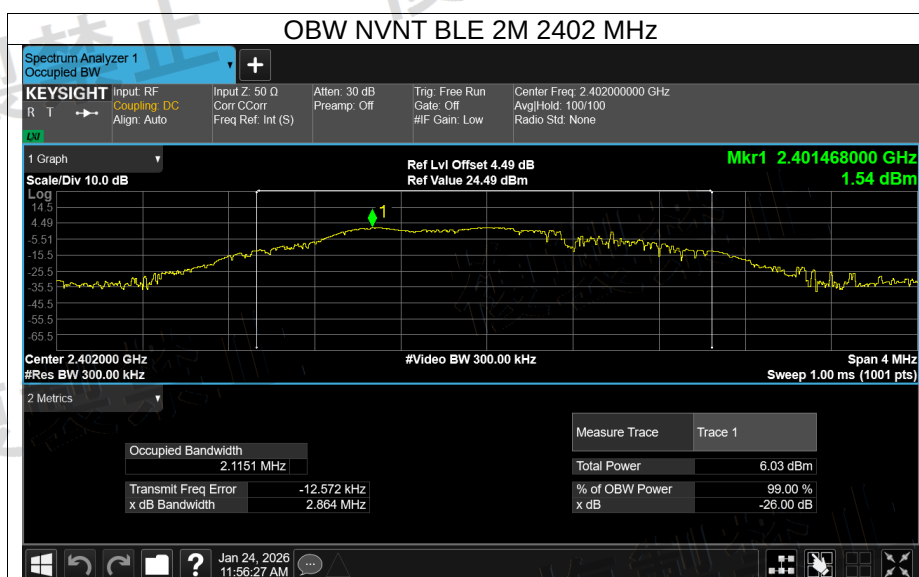
Condition	Mode	Frequency (MHz)	Antenna Power (dBm)	Gain (dBi)	EIRP Power (dBm)	Limit (dBm)	Verdict
NVNT	BLE 1M	2402	0.21	1.34	1.55	12.14	Pass
NVNT	BLE 1M	2440	0.46	1.34	1.8	12.14	Pass
NVNT	BLE 1M	2480	0.19	1.34	1.53	12.14	Pass
NVNT	BLE 2M	2402	0.27	1.34	1.61	12.14	Pass
NVNT	BLE 2M	2440	0.47	1.34	1.81	12.14	Pass
NVNT	BLE 2M	2480	0.18	1.34	1.52	12.14	Pass



Occupied Channel Bandwidth

Condition	Mode	Frequency (MHz)	99% OBW (MHz)
NVNT	BLE 1M	2402	1.465
NVNT	BLE 1M	2440	1.439
NVNT	BLE 1M	2480	1.324
NVNT	BLE 2M	2402	2.115
NVNT	BLE 2M	2440	2.113
NVNT	BLE 2M	2480	2.123

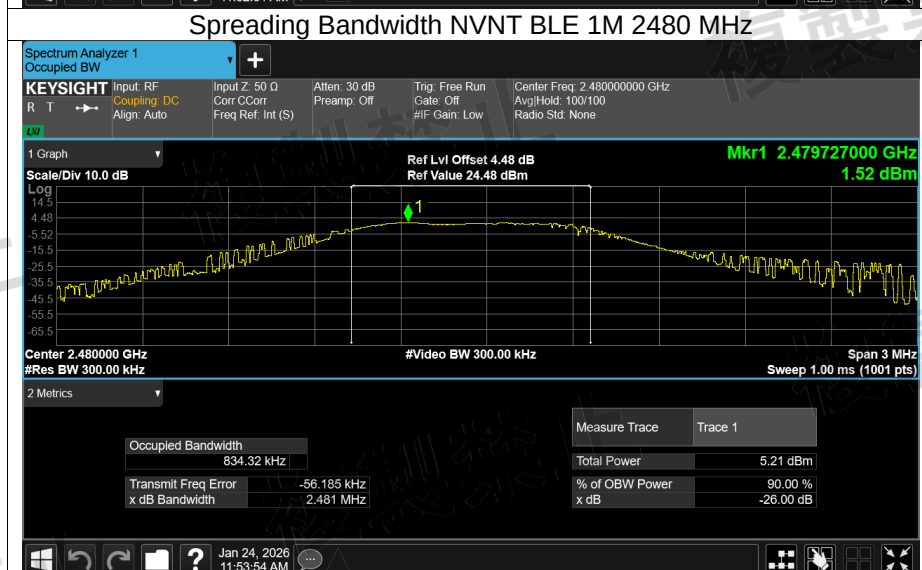
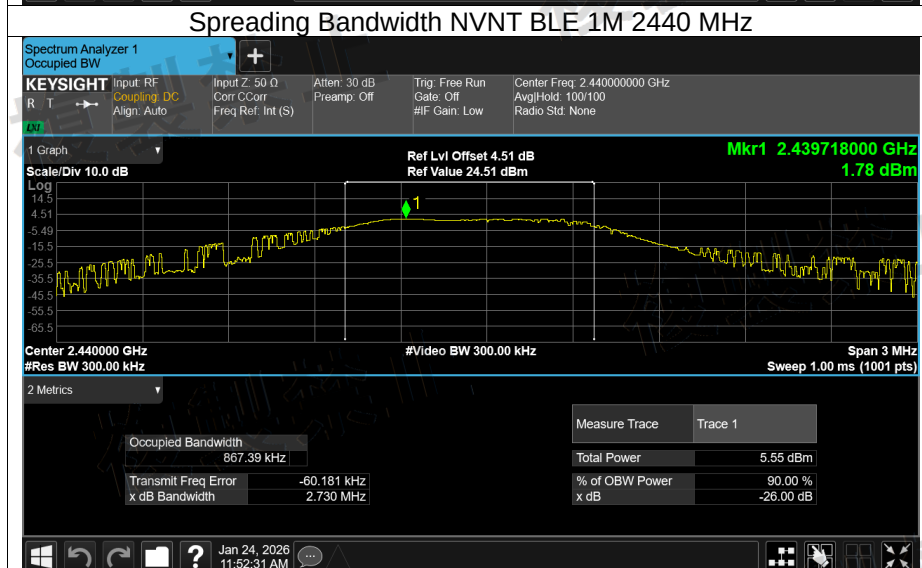
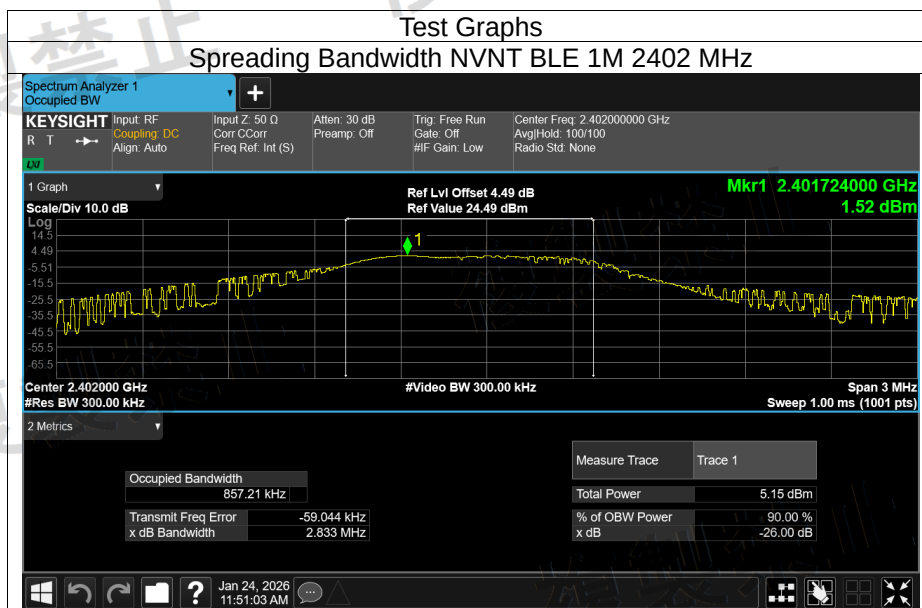


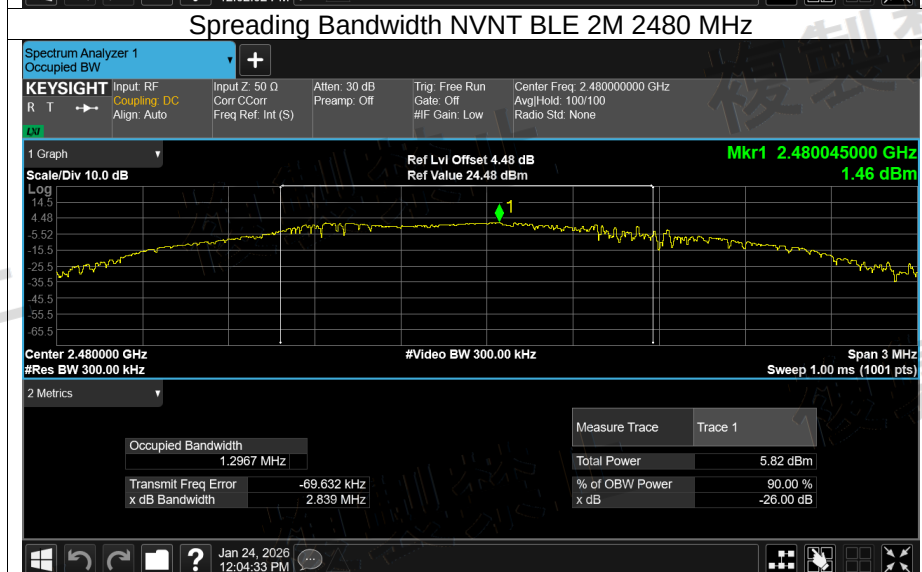
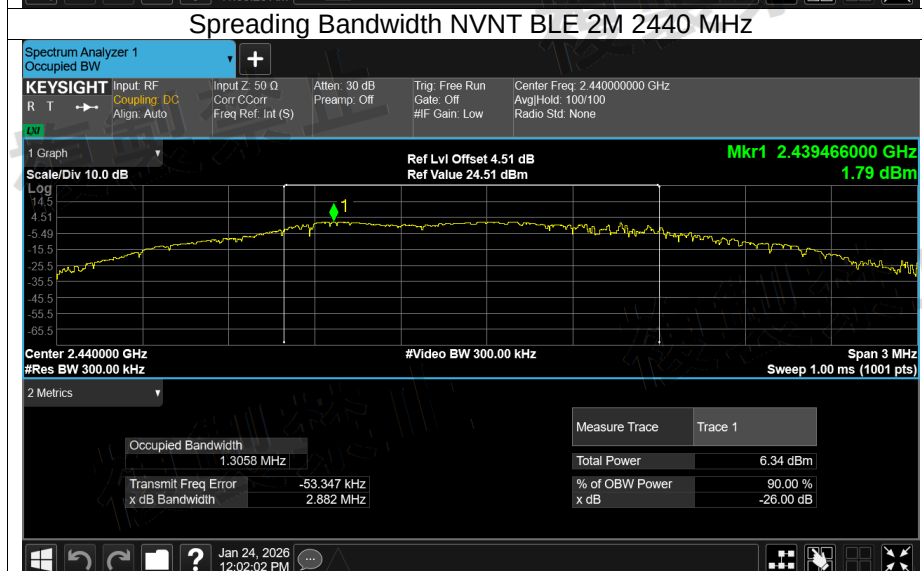
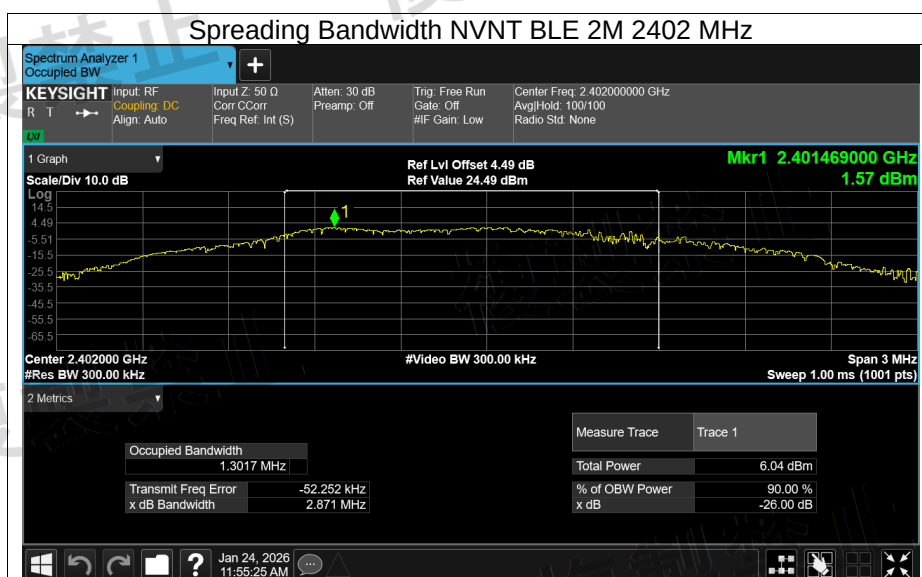




Spreading Bandwidth

Condition	Mode	Frequency (MHz)	90% OBW (MHz)	Limit (MHz)	Verdict
NVNT	BLE 1M	2402	0.857	0.5	Pass
NVNT	BLE 1M	2440	0.867	0.5	Pass
NVNT	BLE 1M	2480	0.834	0.5	Pass
NVNT	BLE 2M	2402	1.302	0.5	Pass
NVNT	BLE 2M	2440	1.306	0.5	Pass
NVNT	BLE 2M	2480	1.297	0.5	Pass





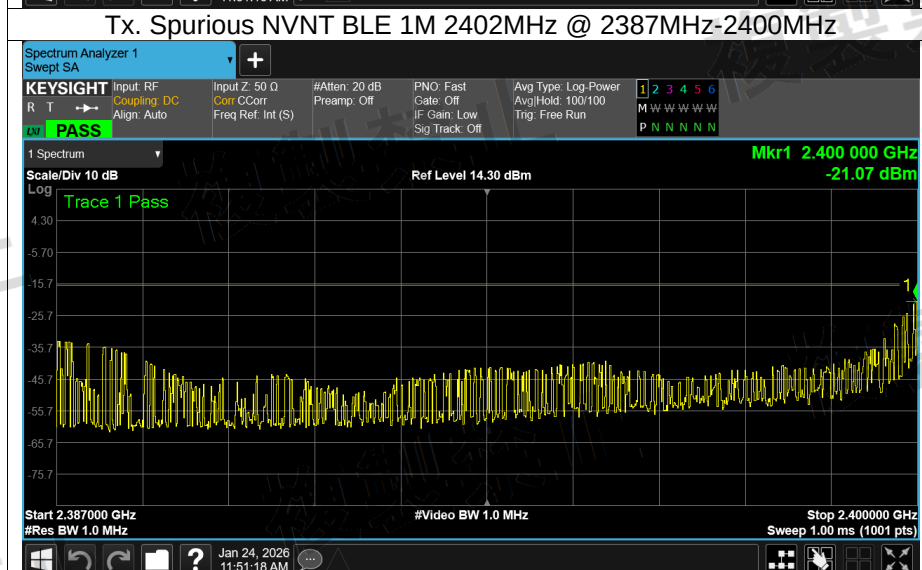
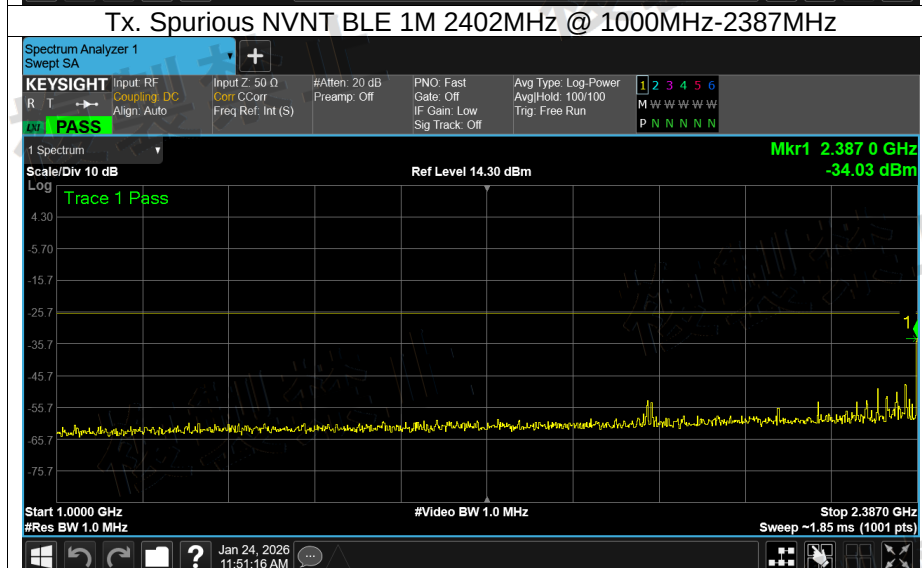
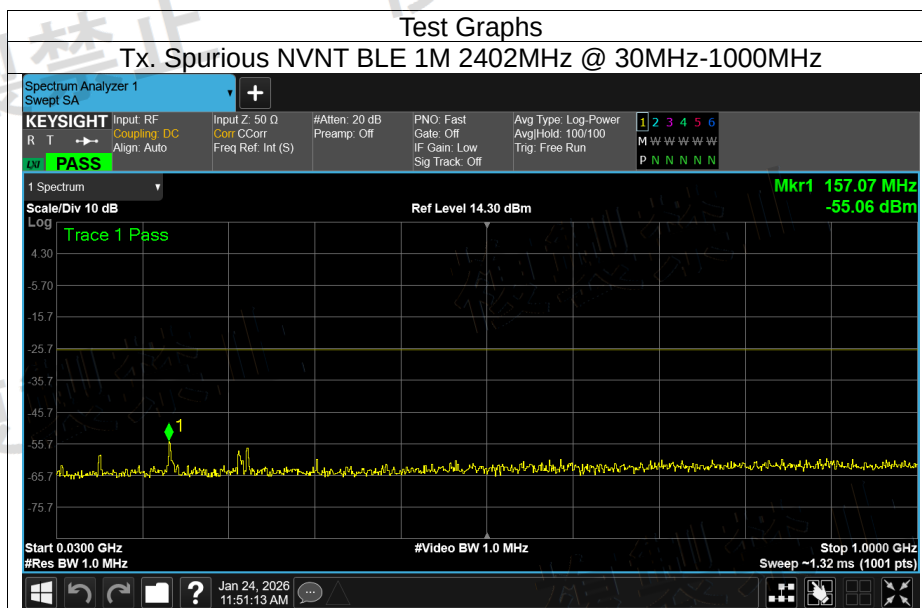


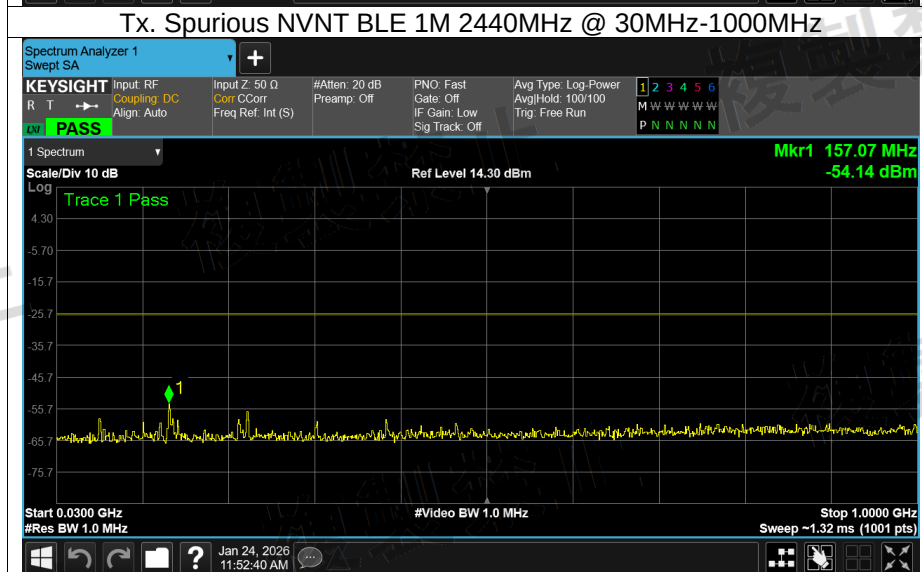
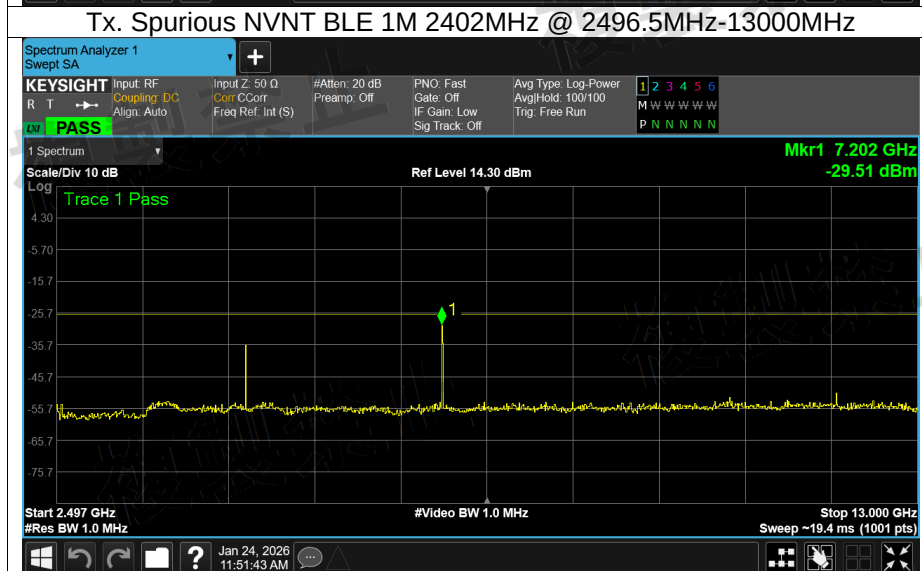
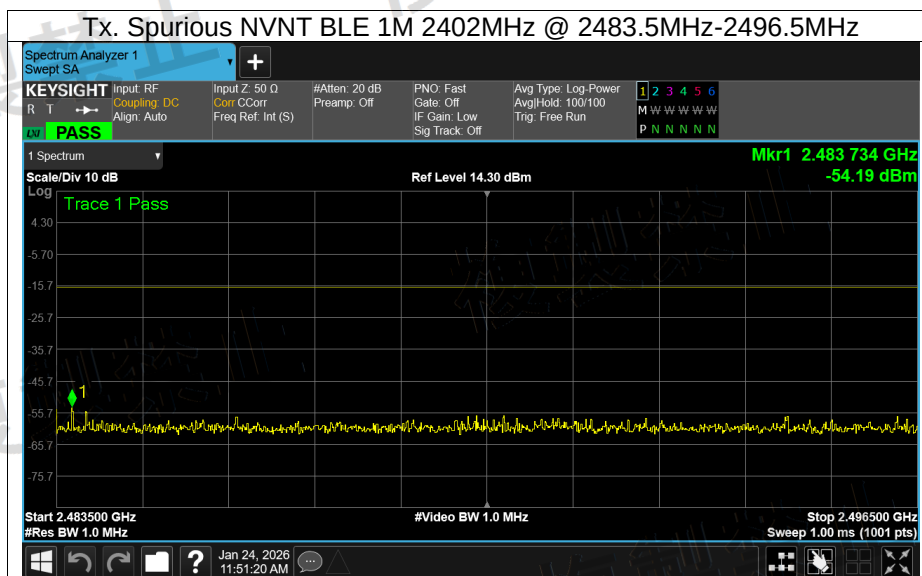
Tx Spurious Emission

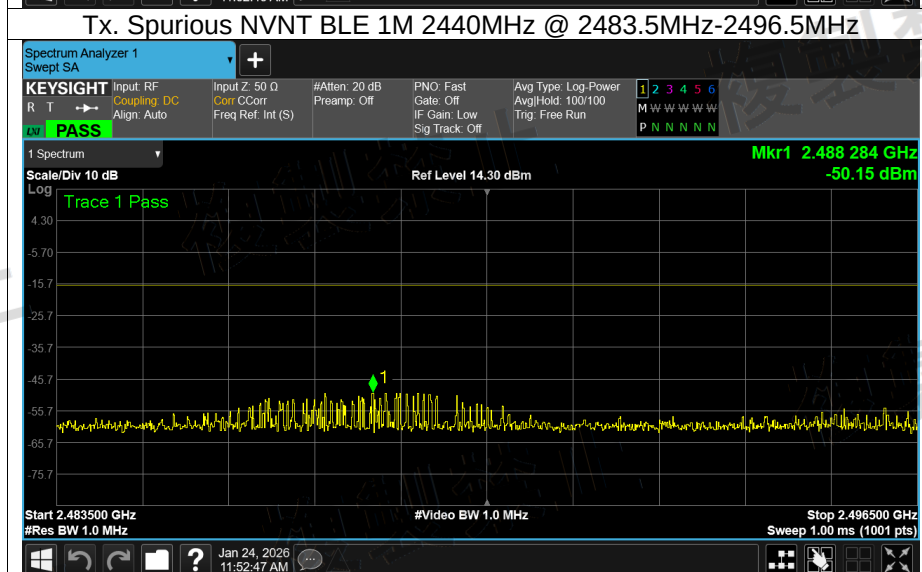
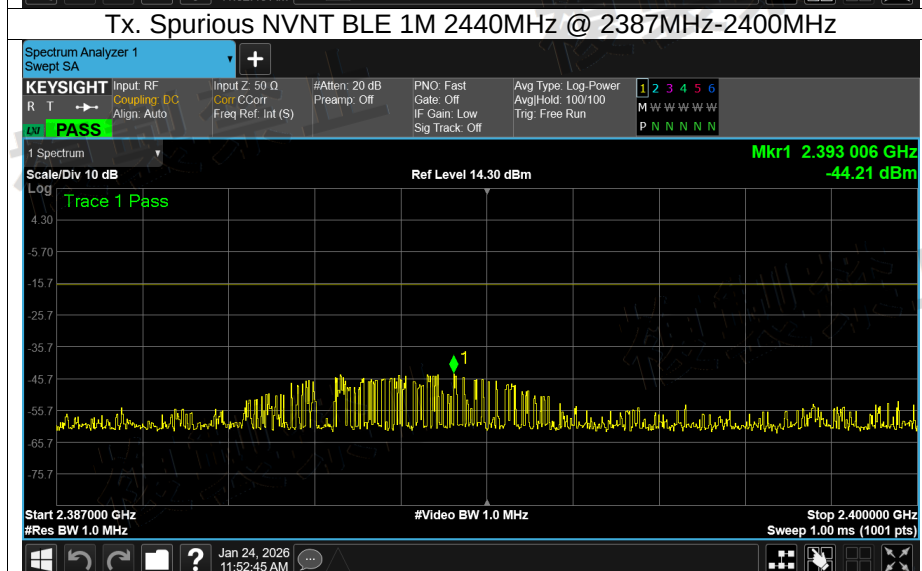
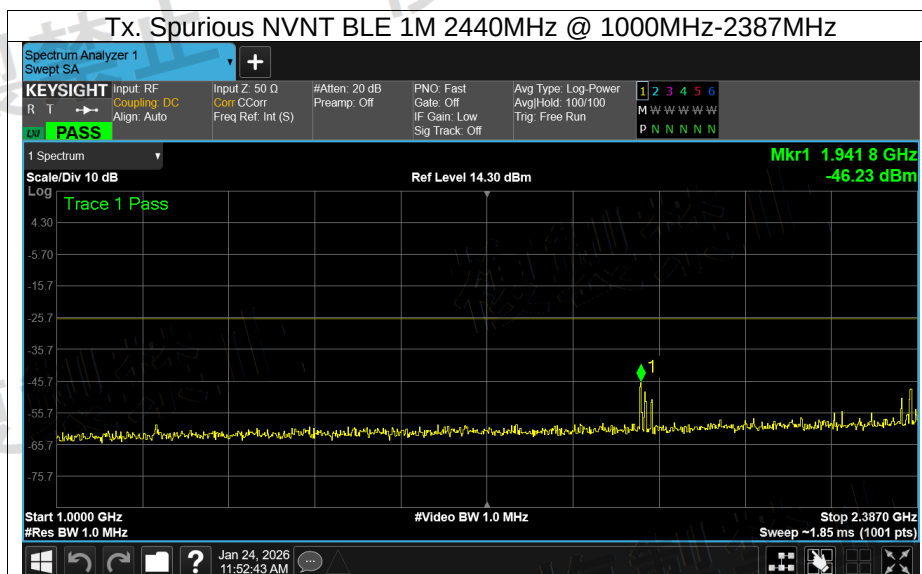
Condition	Mode	Frequency (MHz)	Range (MHz)	Emission Frequency (MHz)	Max Peak Value (dBm)	Max RMS Value (dBm)	Max Peak Value (uW)	Max RMS Value (uW)	Limit Start(uW)	Limit Stop (uW)	Verdict
NVNT	BLE 1M	2402	30-1000	157.07	-55.06	NA	0.0031	NA	2.5	2.5	Pass
NVNT	BLE 1M	2402	1000-2387	2387.00	-34.03	NA	0.3954	NA	2.5	2.5	Pass
NVNT	BLE 1M	2402	2387-2400	2400.00	-21.07	NA	7.8163	NA	25	25	Pass
NVNT	BLE 1M	2402	2483.5-2496.5	2483.73	-54.18	NA	0.0038	NA	25	25	Pass
NVNT	BLE 1M	2402	2496.5-13000	7202.07	-29.50	NA	1.122	NA	2.5	2.5	Pass
NVNT	BLE 1M	2440	30-1000	157.07	-54.13	NA	0.0039	NA	2.5	2.5	Pass
NVNT	BLE 1M	2440	1000-2387	1941.77	-46.22	NA	0.0239	NA	2.5	2.5	Pass
NVNT	BLE 1M	2440	2387-2400	2393.01	-44.21	NA	0.0379	NA	25	25	Pass
NVNT	BLE 1M	2440	2483.5-2496.5	2488.28	-50.15	NA	0.0097	NA	25	25	Pass
NVNT	BLE 1M	2440	2496.5-13000	7317.61	-28.61	-62.28	1.3772	0.0006	2.5	2.5	Pass
NVNT	BLE 1M	2480	30-1000	157.07	-54.92	NA	0.0032	NA	2.5	2.5	Pass
NVNT	BLE 1M	2480	1000-2387	2353.71	-52.15	NA	0.0061	NA	2.5	2.5	Pass
NVNT	BLE 1M	2480	2387-2400	2399.83	-49.34	NA	0.0116	NA	25	25	Pass
NVNT	BLE 1M	2480	2483.5-2496.5	2483.81	-35.83	NA	0.2612	NA	25	25	Pass
NVNT	BLE 1M	2480	2496.5-13000	7443.65	-29.34	NA	1.1641	NA	2.5	2.5	Pass
NVNT	BLE 2M	2402	30-1000	157.07	-55.44	NA	0.0029	NA	2.5	2.5	Pass
NVNT	BLE 2M	2402	1000-2387	2370.36	-42.14	NA	0.0611	NA	2.5	2.5	Pass
NVNT	BLE 2M	2402	2387-2400	2399.91	-22.62	NA	5.4702	NA	25	25	Pass
NVNT	BLE 2M	2402	2483.5-2496.5	2483.59	-54.41	NA	0.0036	NA	25	25	Pass
NVNT	BLE 2M	2402	2496.5-13000	7202.07	-29.43	NA	1.1402	NA	2.5	2.5	Pass
NVNT	BLE 2M	2440	30-1000	157.07	-54.86	NA	0.0033	NA	2.5	2.5	Pass
NVNT	BLE 2M	2440	1000-2387	2377.29	-46.46	NA	0.0226	NA	2.5	2.5	Pass
NVNT	BLE 2M	2440	2387-2400	2392.63	-44.19	NA	0.0381	NA	25	25	Pass
NVNT	BLE 2M	2440	2483.5-2496.5	2488.52	-49.17	NA	0.0121	NA	25	25	Pass
NVNT	BLE 2M	2440	2496.5-13000	7317.61	-28.82	-50.14	1.3122	0.0097	2.5	2.5	Pass
NVNT	BLE 2M	2480	30-1000	157.07	-53.00	NA	0.005	NA	2.5	2.5	Pass
NVNT	BLE 2M	2480	1000-2387	2353.71	-52.95	NA	0.0051	NA	2.5	2.5	Pass
NVNT	BLE 2M	2480	2387-2400	2399.77	-49.3	NA	0.011	NA	25	25	Pass

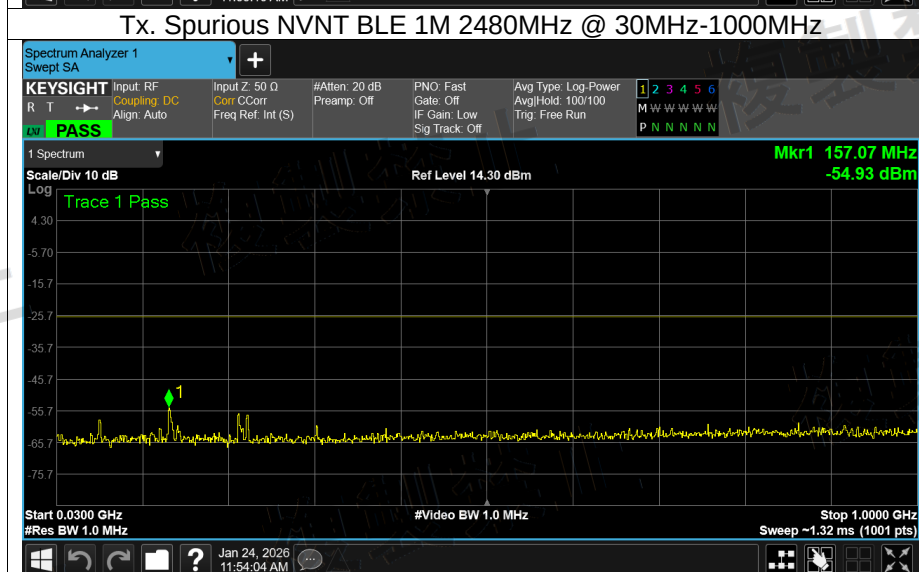
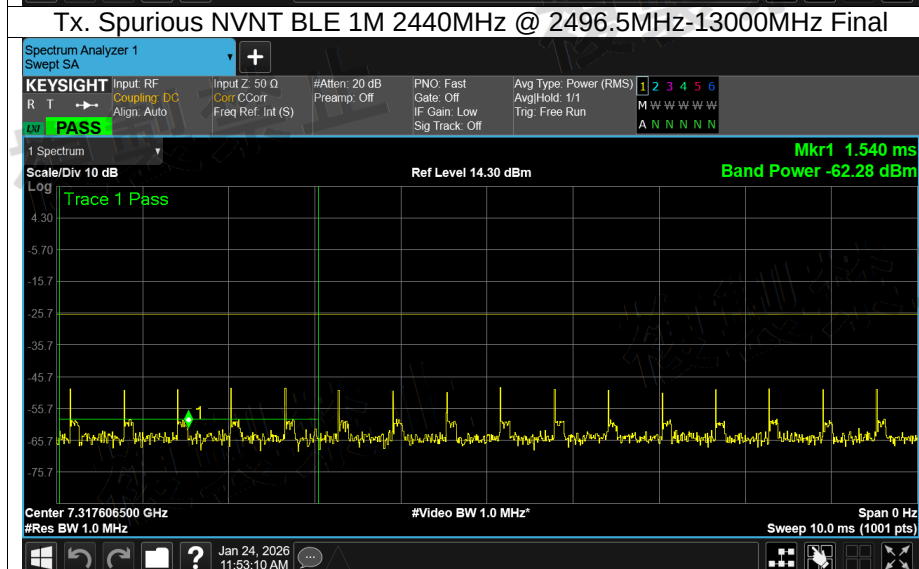
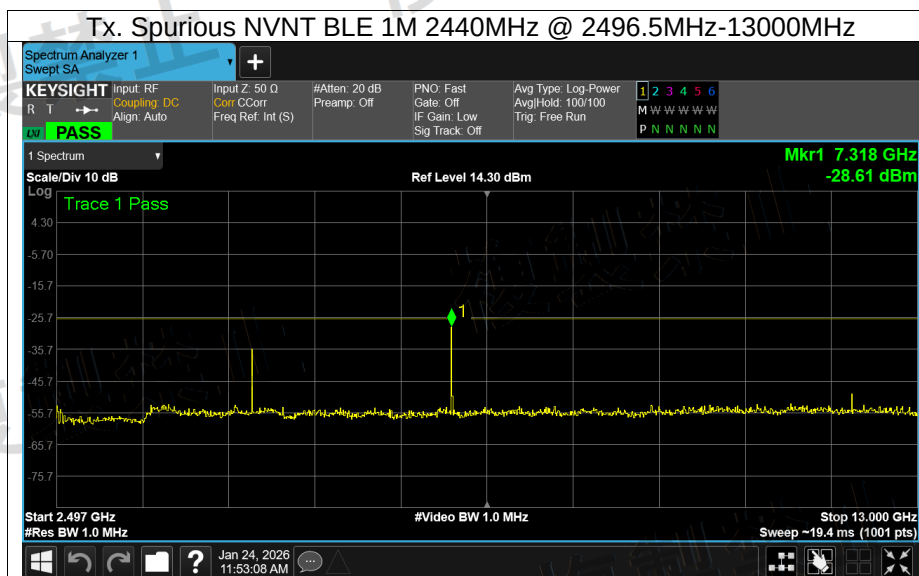


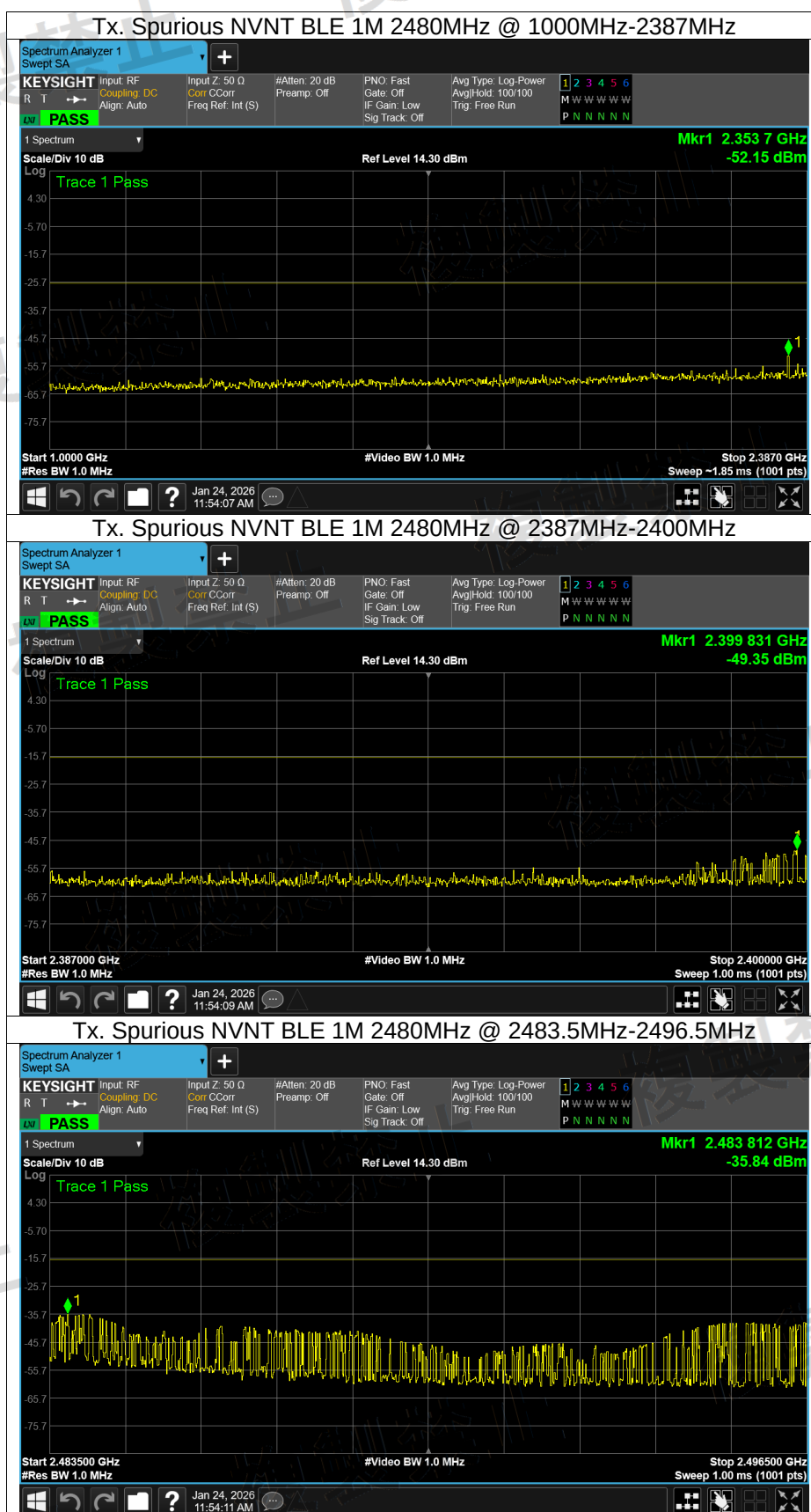
	2M				1		7				
NVNT	BLE	2480	2483.5-249	2484.01	-35.2	NA	0.297	NA	25	25	Pass
	2M		6.5		7		2				
NVNT	BLE	2480	2496.5-130	7443.65	-29.5	NA	1.109	NA	2.5	2.5	Pass
	2M		00		5		2				

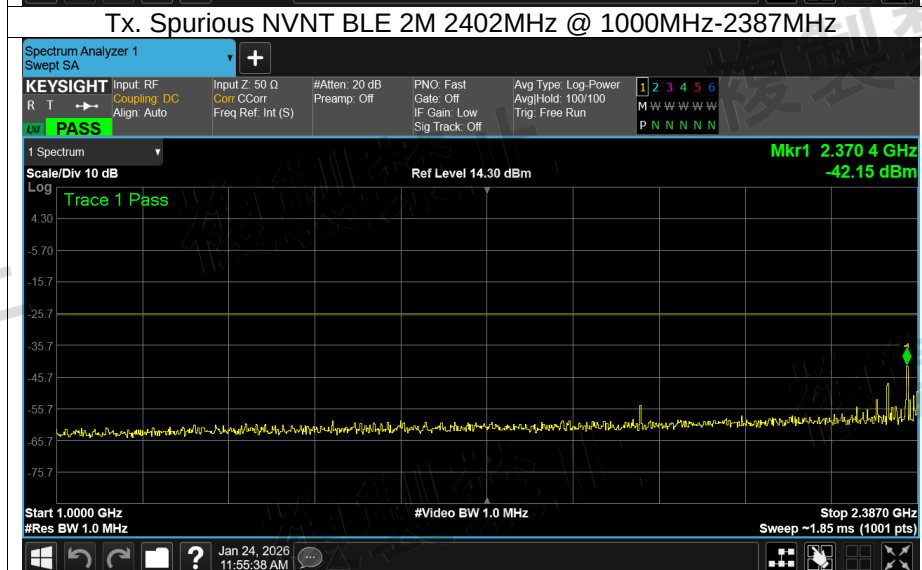
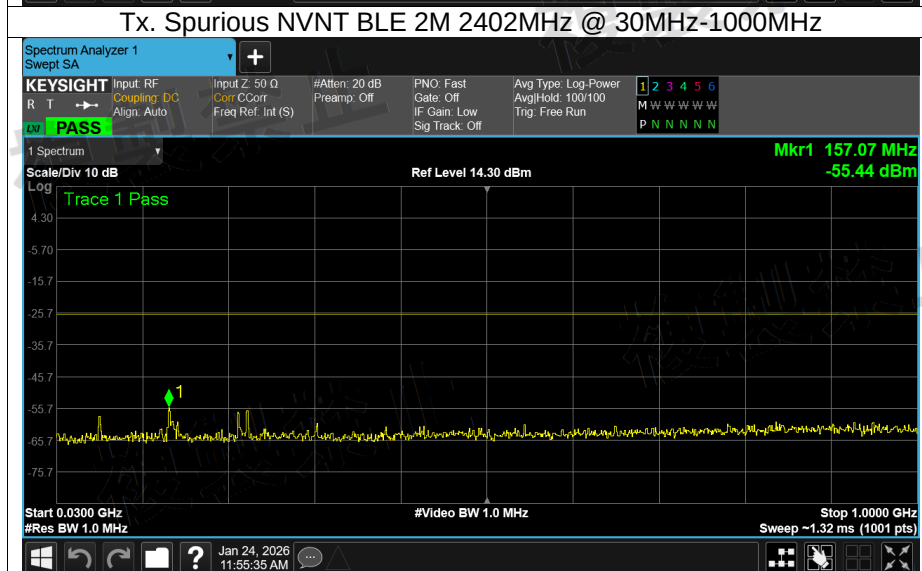
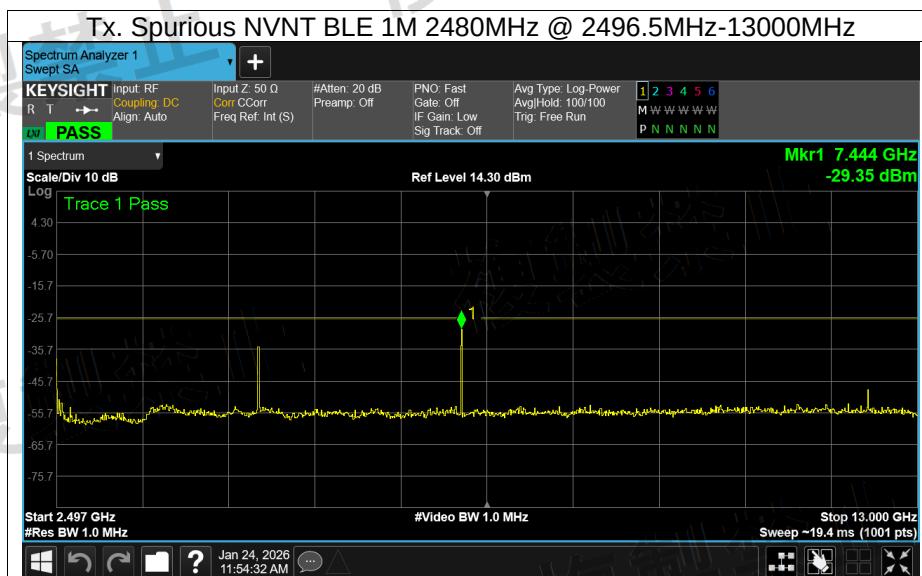


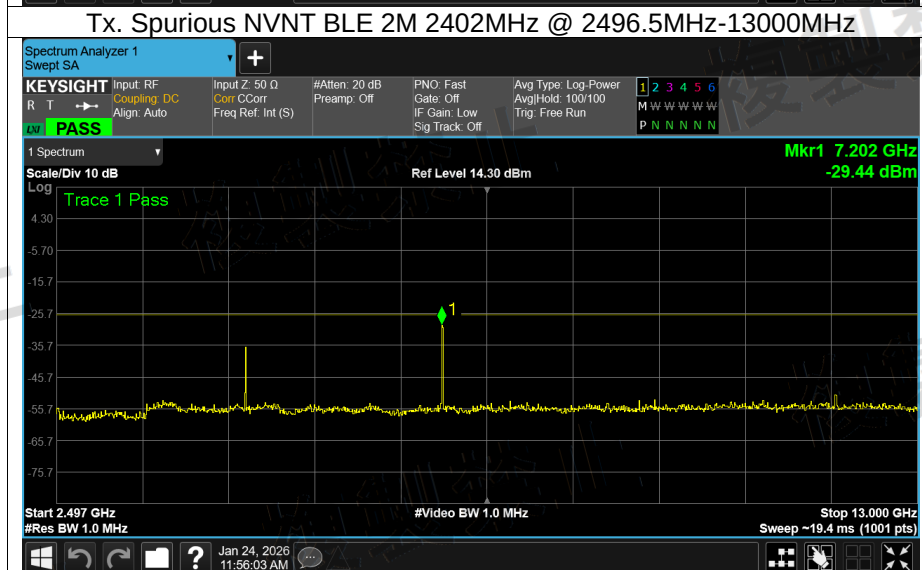
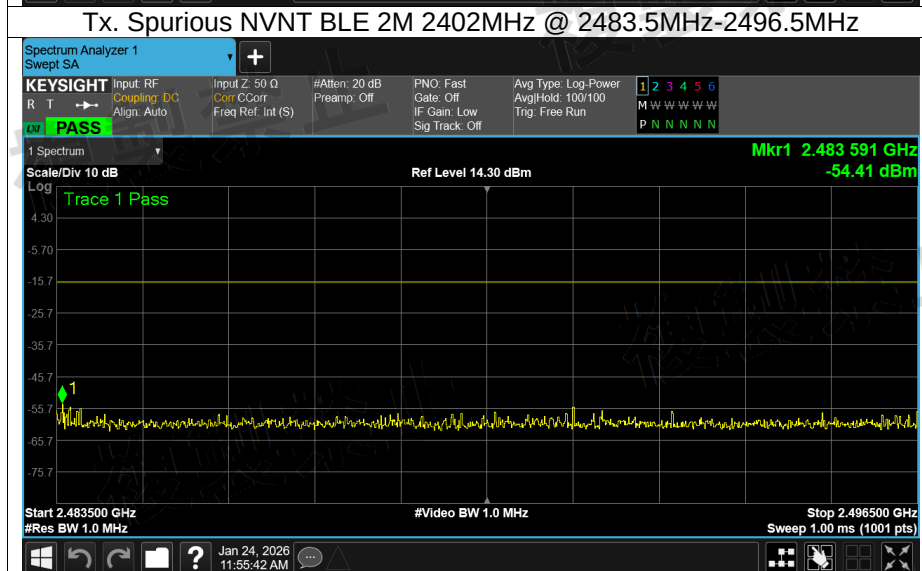
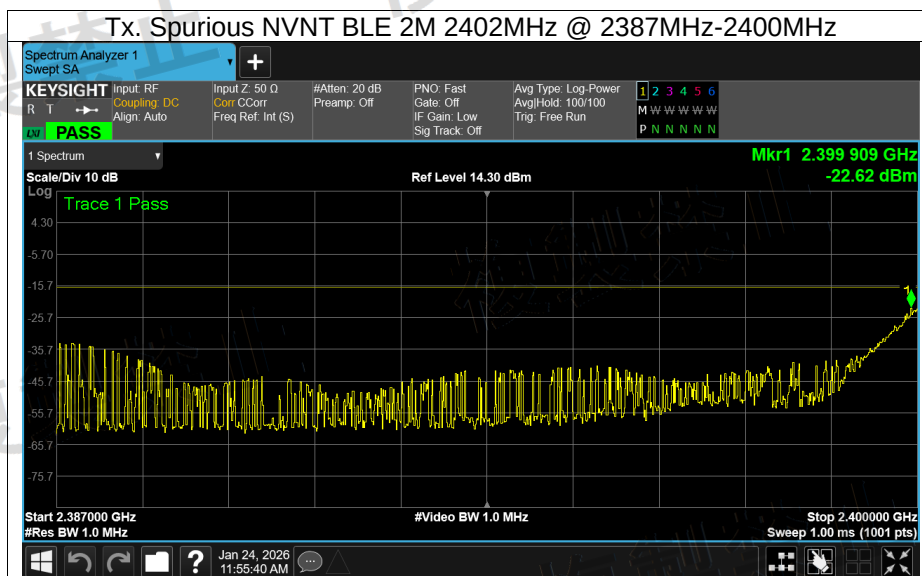


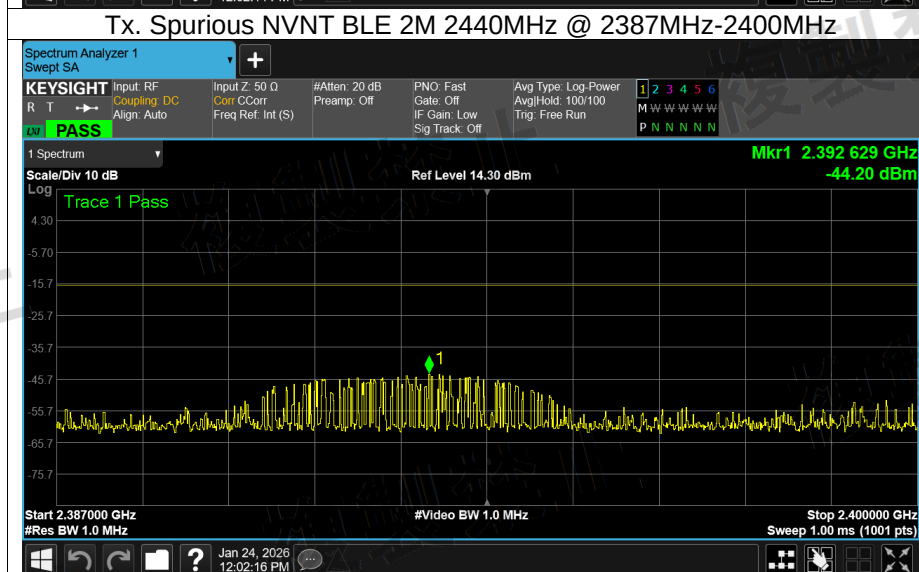
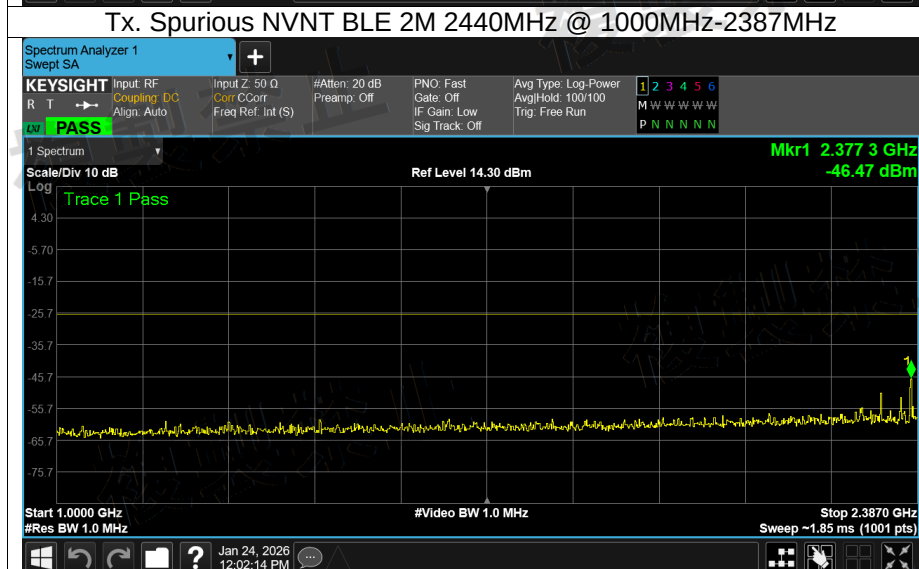
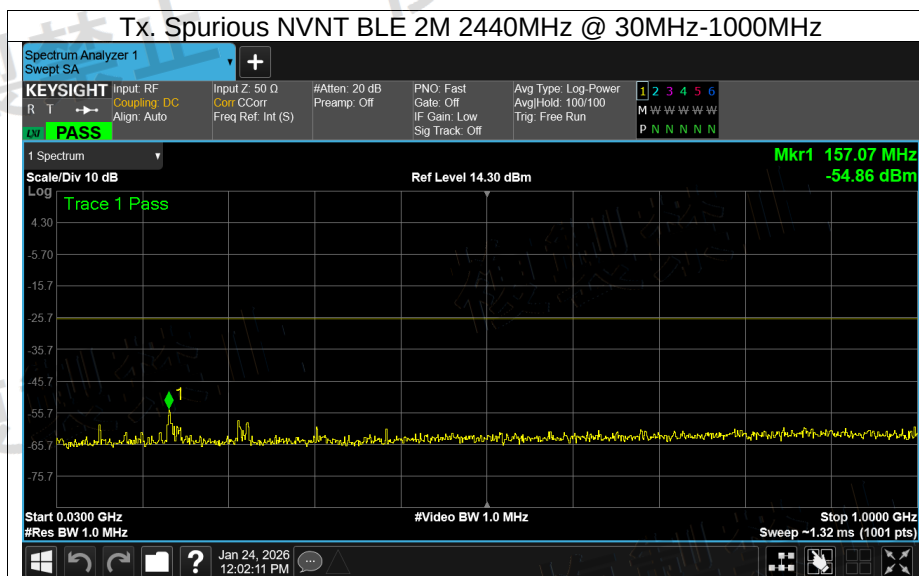


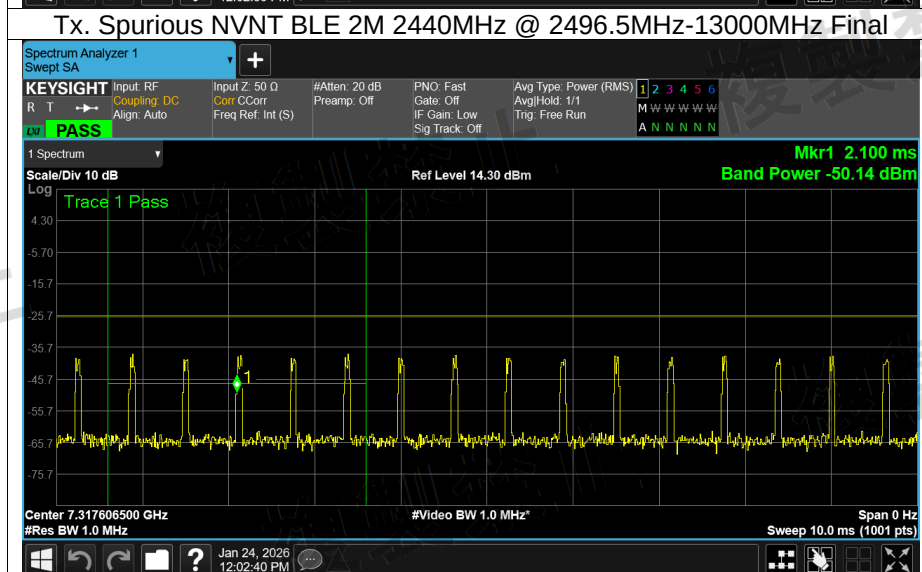
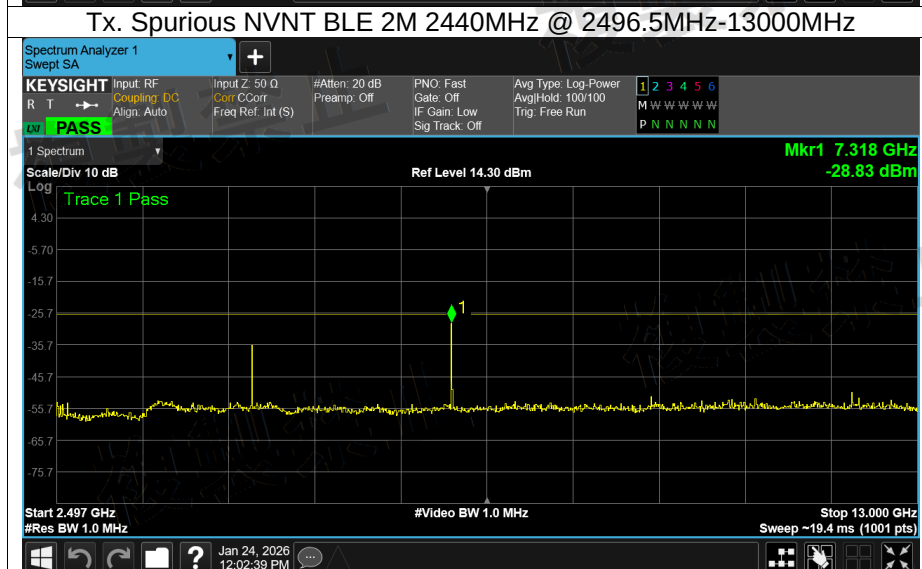
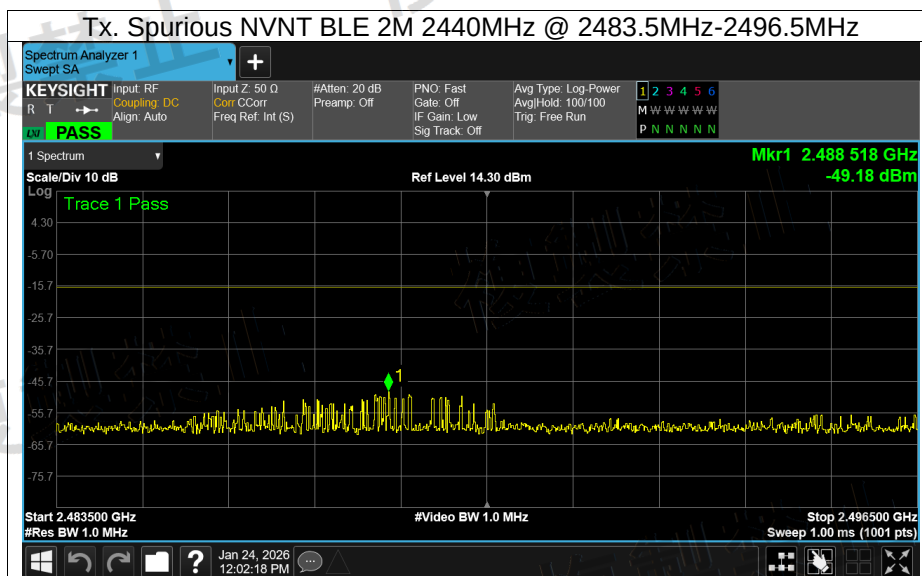


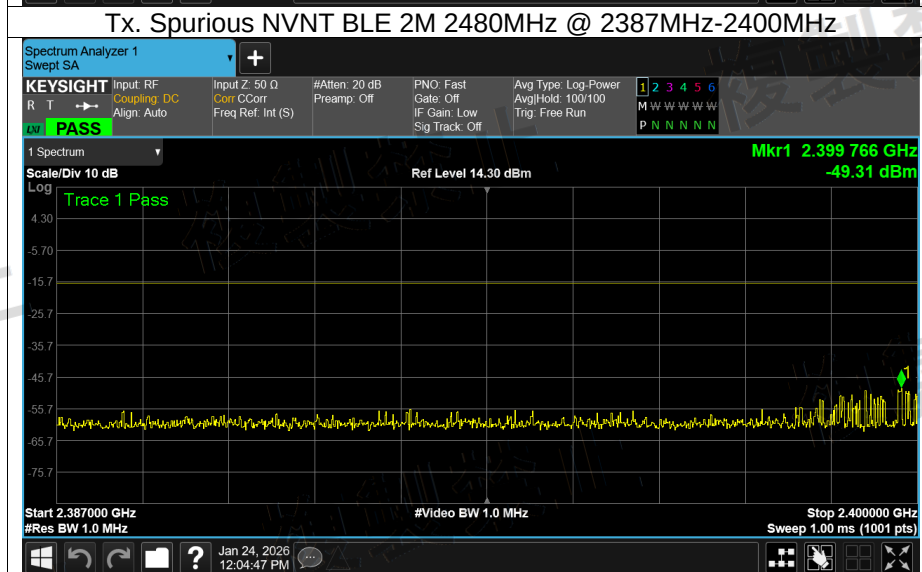
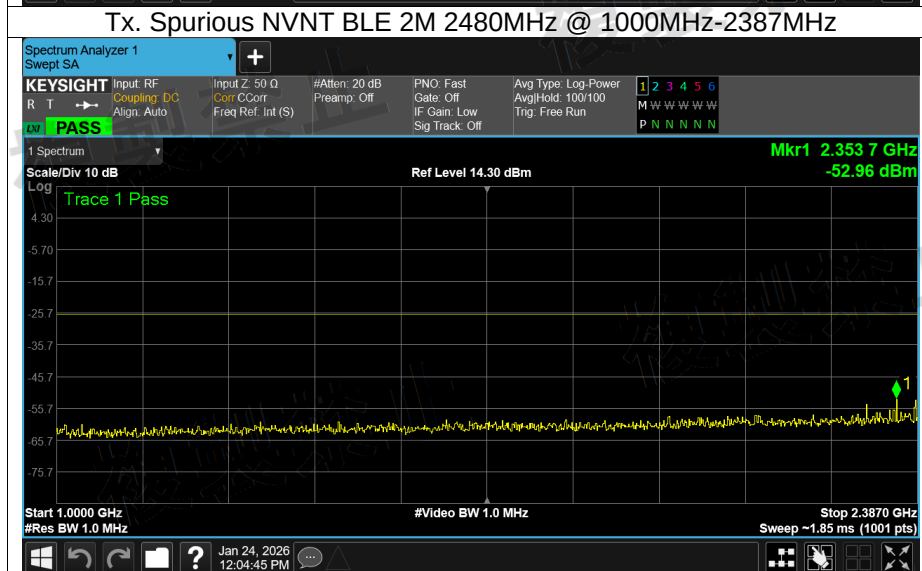
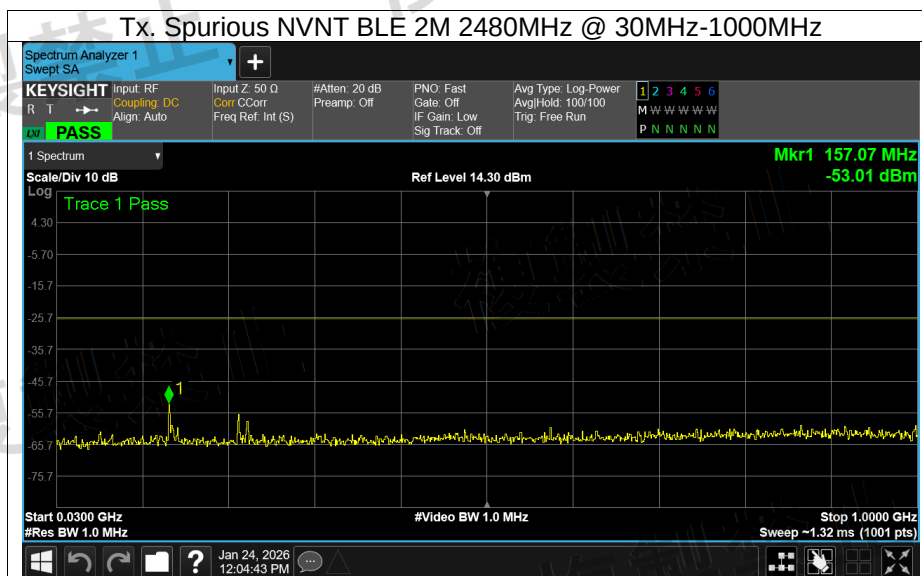


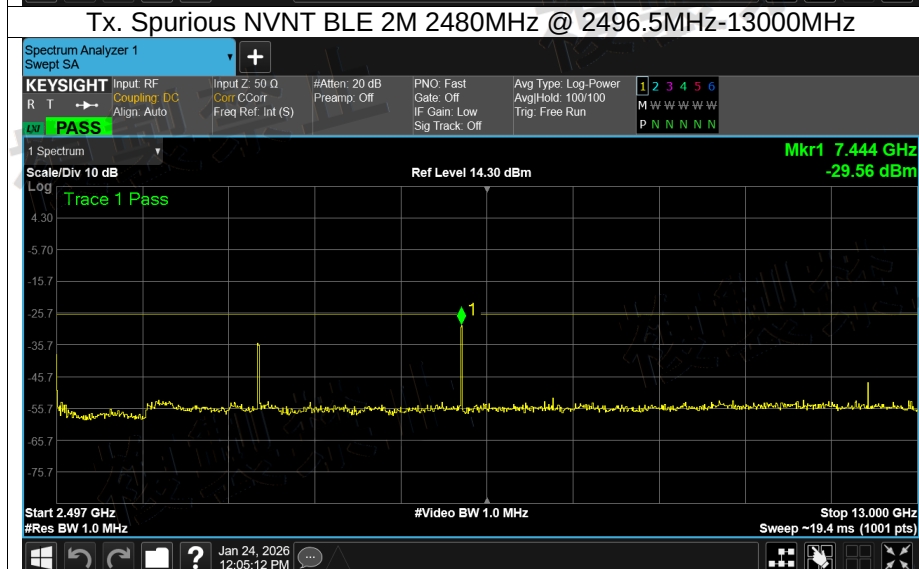
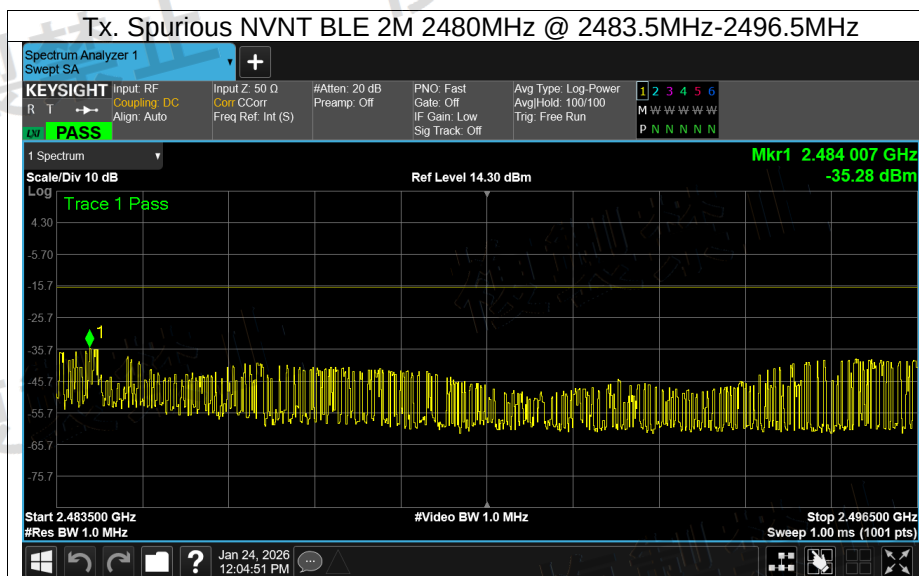








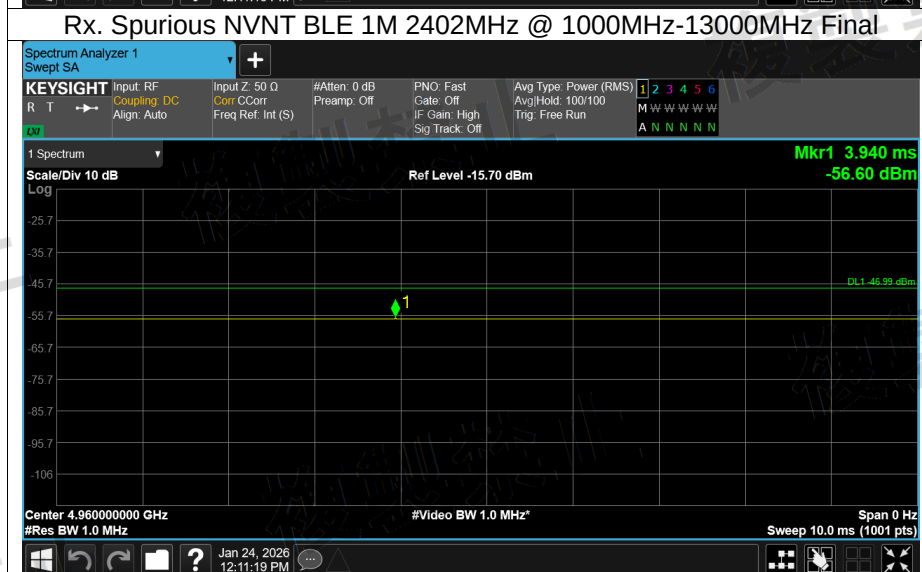
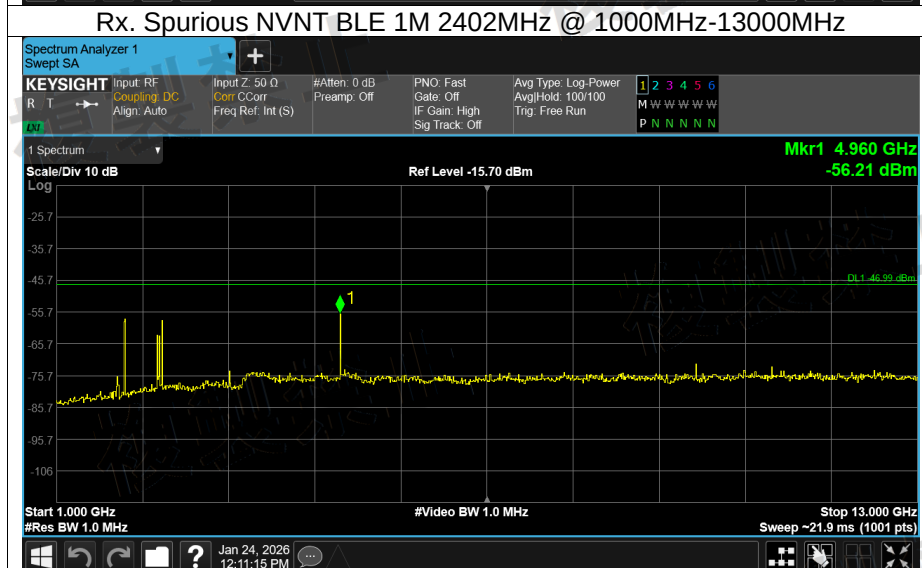
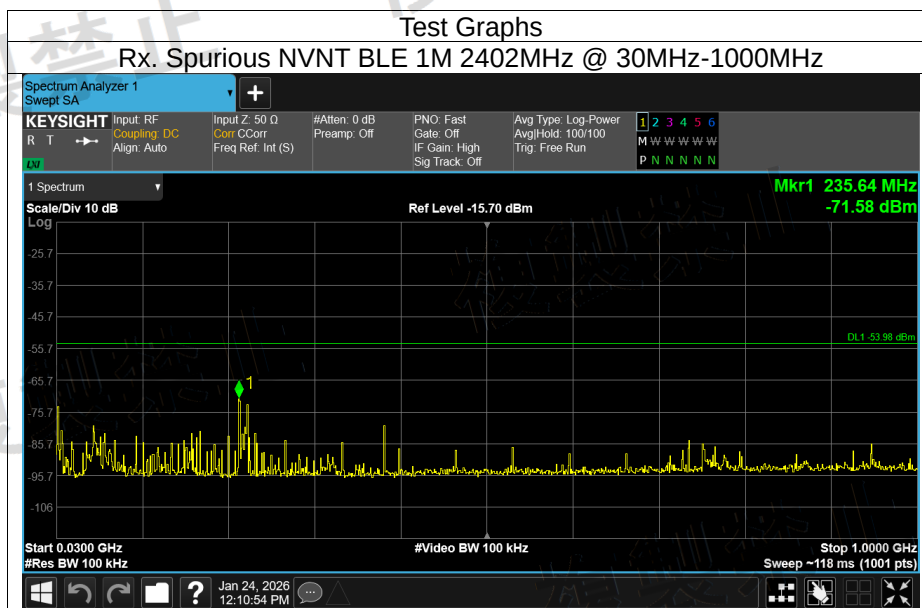


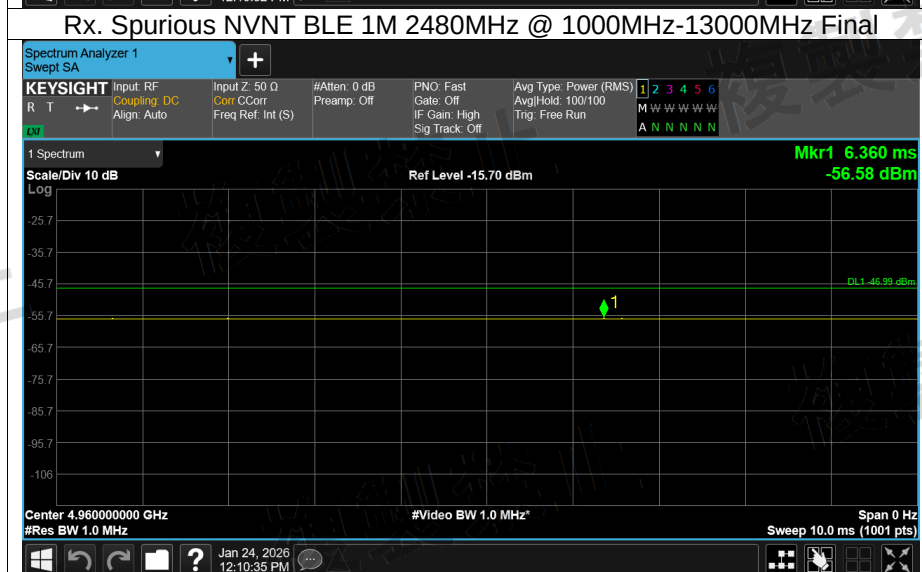
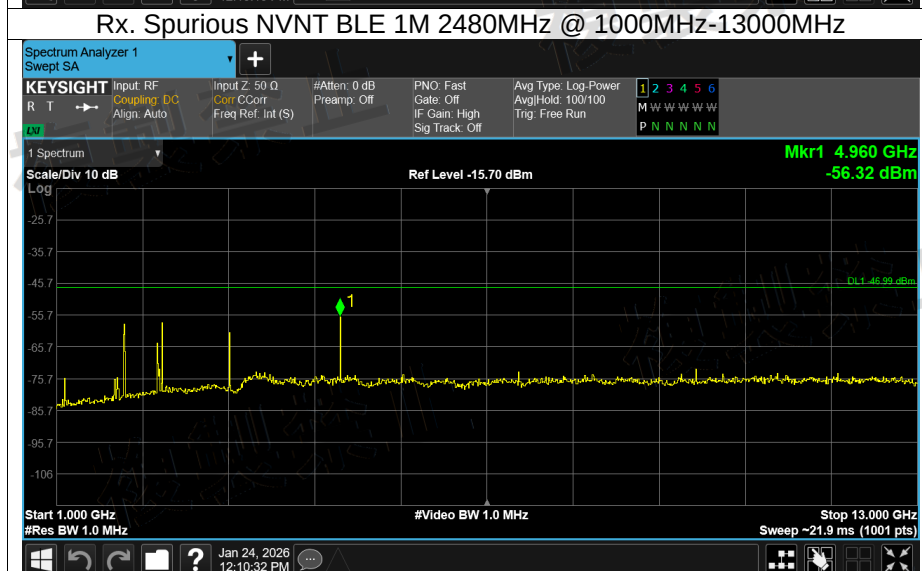
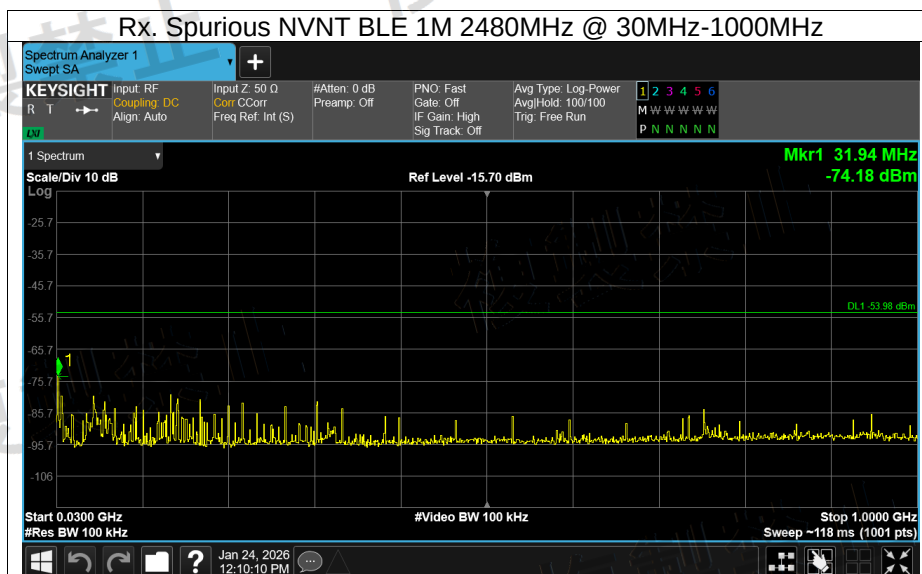


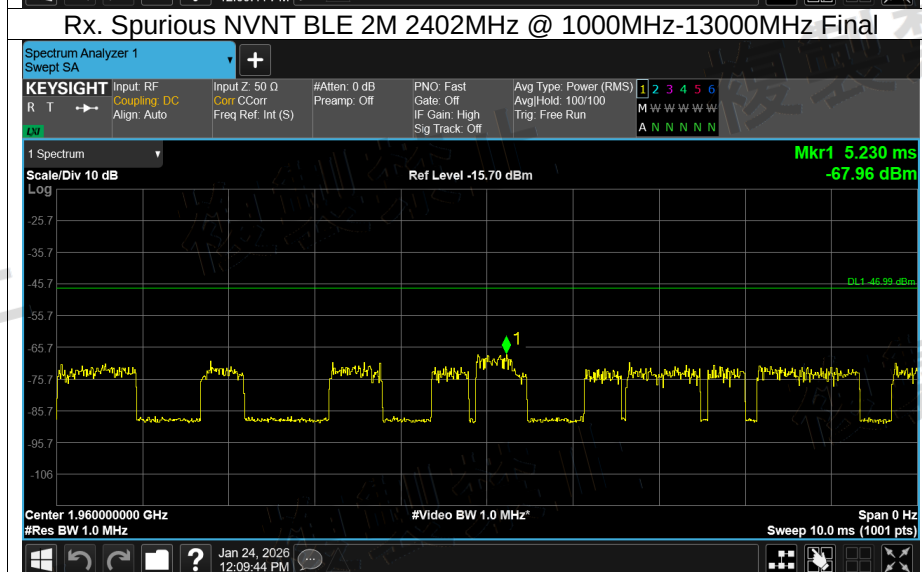
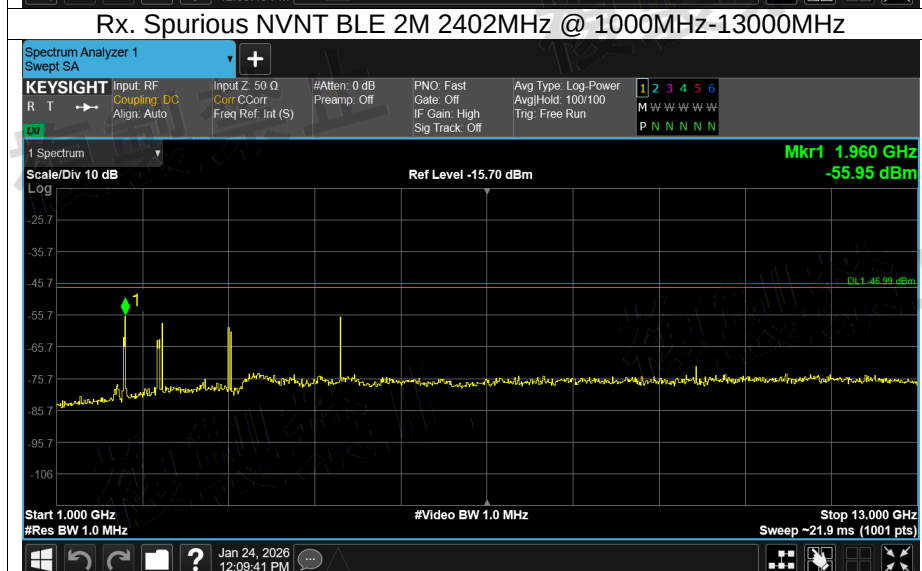
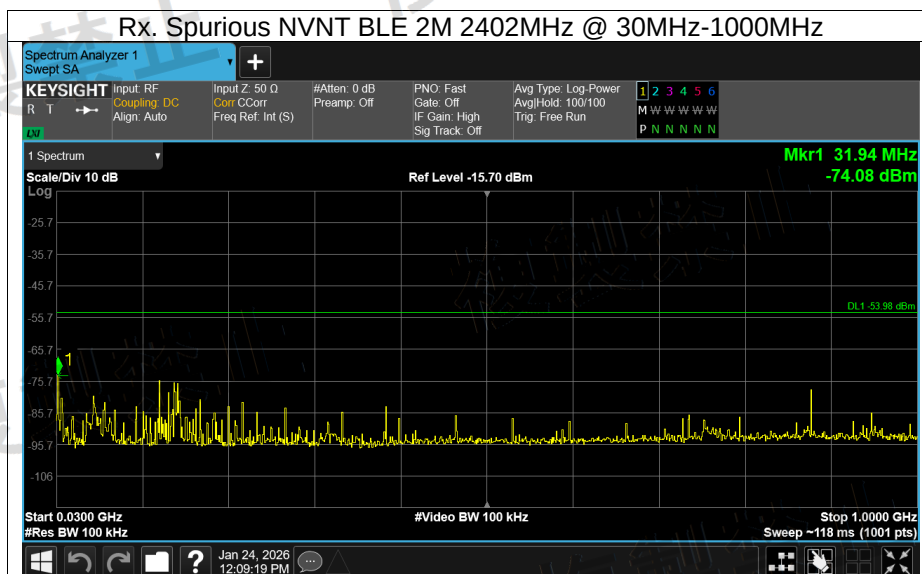


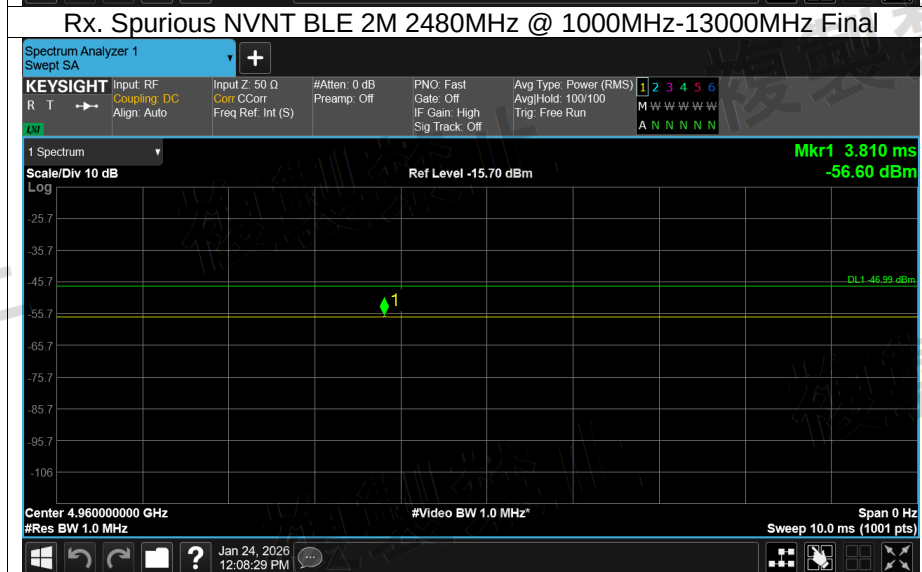
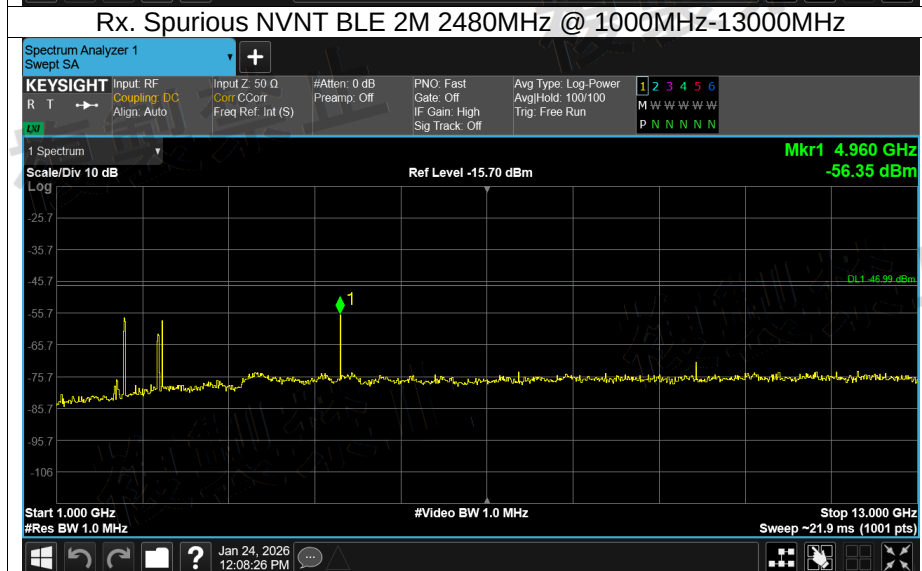
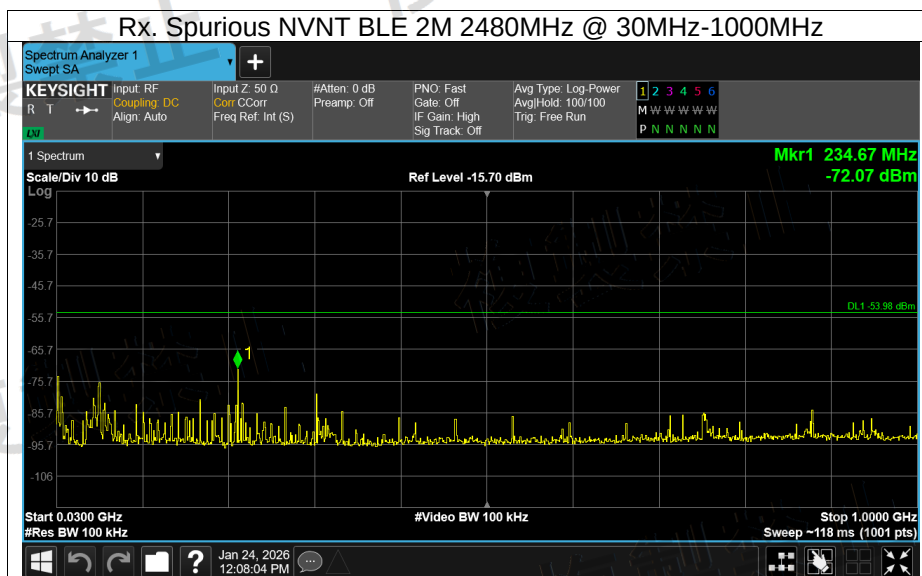
Rx Spurious Emission

Condition	Mode	Frequency (MHz)	Range (MHz)	Emission Frequency (MHz)	Max Peak Value (dBm)	Max RMS Value (dBm)	Max Peak Value (nW)	Max RMS Value (nW)	Limit (nW)	Verdict
NVNT	BLE 1M	2402	30-1000	235.64	-71.58	NA	0.0695	NA	4	Pass
NVNT	BLE 1M	2402	1000-13000	4960.00	-56.22	-56.6	2.3878	2.1878	20	Pass
NVNT	BLE 1M	2480	30-1000	31.94	-74.18	NA	0.0382	NA	4	Pass
NVNT	BLE 1M	2480	1000-13000	4960.00	-56.32	-56.58	2.3335	2.1979	20	Pass
NVNT	BLE 2M	2402	30-1000	31.94	-74.08	NA	0.0391	NA	4	Pass
NVNT	BLE 2M	2402	1000-13000	1960.00	-55.95	-67.96	2.541	0.16	20	Pass
NVNT	BLE 2M	2480	30-1000	234.67	-72.07	NA	0.0621	NA	4	Pass
NVNT	BLE 2M	2480	1000-13000	4960.00	-56.35	-56.6	2.3174	2.1878	20	Pass



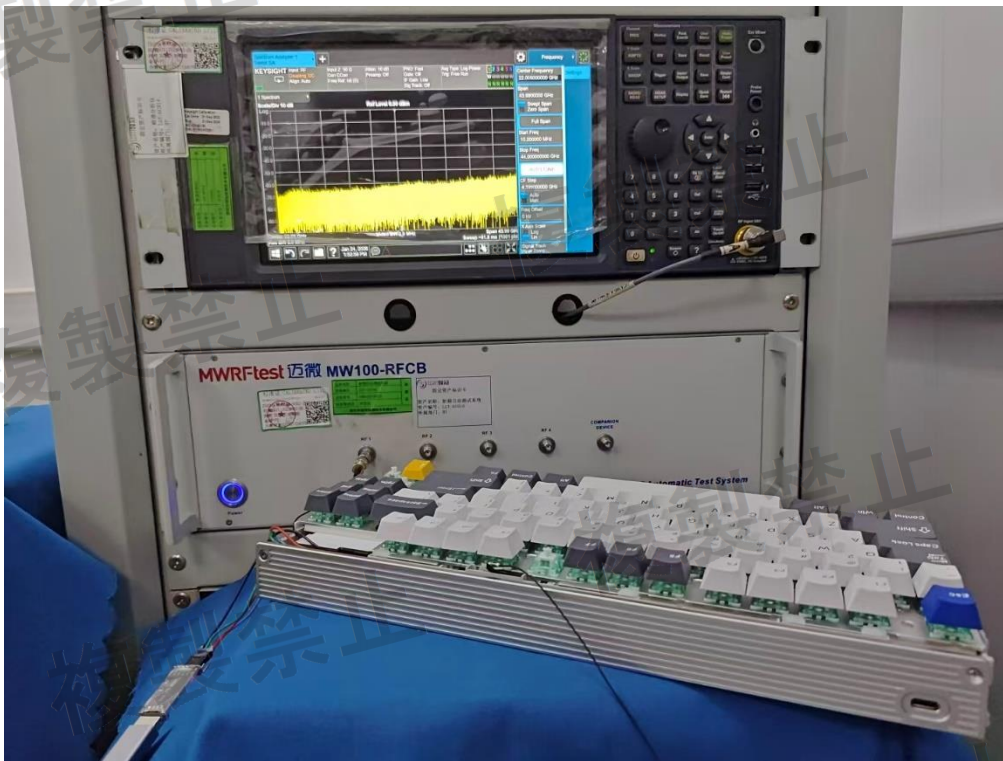








APPENDIX II - TEST SETUP PHOTOS





APPENDIX III - PHOTOGRAPHS OF EUT CONSTRUCTIONAL DETAILS

Note: Please see the attached WH80_EUT Photos.

※※※※※END OF THE REPORT※※※※※