



RF TEST REPORT

Product Name: Body fat scale

Model Name: TZ120, TZ260, TZ270, TZ280, TZ290

Issued For : Zhejiang Tiansheng Electronics Co., Ltd

1st Floor, Building 1, No. 176 Xianglong Street, Nanmingshan
Street, Liandu District, Lishui City, Zhejiang Province (Lijing
Ethnic Industrial Park)

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: LGT24L082RF01

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Date of Issue: Jan. 03, 2025

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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: Zhejiang Tiansheng Electronics Co., Ltd
1st Floor, Building 1, No. 176 Xianglong Street, Nanmingshan Street,
Address: Liandu District, Lishui City, Zhejiang Province (Lijing Ethnic Industrial Park)

Manufacturer: Zhejiang Tiansheng Electronics Co., Ltd
1st Floor, Building 1, No. 176 Xianglong Street, Nanmingshan Street,
Address: Liandu District, Lishui City, Zhejiang Province (Lijing Ethnic Industrial Park)

Product Name: Body fat scale

Trademark: Tasavz

Model Name: TZ120, TZ260, TZ270, TZ280, TZ290

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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FREQUENCY ERROR	错误!未定义书签。
ANTENNA POWER	错误!未定义书签。
EIRP POWER	错误!未定义书签。
OCCUPIED CHANNEL BANDWIDTH	错误!未定义书签。
SPREADING BANDWIDTH	错误!未定义书签。
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Revision History

Rev.	Issue Date	Contents
00	Jan. 03, 2025	Initial Issue



1. SUMMARY OF THE TEST RESULTS

Test procedures according to the technical standards: STD-T66 V3.7 and MIC Notice No.88 Appendix No.43.

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, MIC Notice No.88 annex 43 and annex 1.
- (3) This device has more than 1 subcarrier in 1MHz, compliances with the requirement.



1.1 TEST FACTORY

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
Accreditation Certificate	A2LA Certificate No.: 6727.01
	FCC Registration No.: 746540
	CAB ID: CN0136

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:	Body fat scale	
Trademark:	Tasavz	
Model Name:	TZ120	
Series Model:	TZ260, TZ270, TZ280, TZ290	
Model Difference:	Difference of pattern.	
Product Description:	Operation Frequency:	2402~2480 MHz
	Modulation Type:	GFSK (1M PHY)
	Number Of Channel:	40CH
	Antenna Designation:	PCB Antenna
	Antenna Gain(dBi):	2.6
	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: 3V	
Hardware Version:	N/A	
Software Version:	N/A	
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)

2.3 TABLE FOR PARAMETERS OF THE TEST SOFTWARE SETTING

Type	Mode Or Modulation type	ANT Gain(dBi)	Power Class	Software For Testing
BLE_1M PHY	GFSK	2.6	2	RFTester0727

2.4 TEST CONDITIONS

	Normal Voltage	High Voltage +10% of Normal Voltage	Low Voltage -10% of Normal Voltage
Input DC Power(V)	3	3.3	2.7

2.5 TEST ENVIRONMENTAL

During the measurement the environmental conditions
Normal Temperature: 24.5°C
Relative Humidity: 53 %
Air Pressure: 989 hPa



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
N/A	N/A	N/A	N/A	N/A	N/A

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	2024.08.05	2025.08.04	(c)
Signal Analyzer	Keysight	N9020A	MY50530994	2024.03.09	2025.03.08	(c)
RF Automatic Test system	MW	MW100-R FCB	MW220324LG -33	2024.03.09	2025.03.08	(c)
MXG Vector Signal Generator	Keysight	N5182B	MY59100717	2024.03.09	2025.03.08	(c)
Temperature& Humidity test chamber	AISRY	LX-1000L	171200018	2024.03.09	2025.03.08	(c)
Attenuator	eastsheep	90db	N.A	2024.03.09	2025.03.08	(c)
Temperature & Humidity	JINGCHUAN G	BT-3	N.A	2024.03.11	2025.03.10	(c)
Digital multimeter	MASTECH	MS8261	MBGBC83053	2024.03.09	2025.03.08	(c)
Programmable Power Supply	GW	GPC-603 0D	E876807	2024.03.09	2025.03.08	(c)

Remark:

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

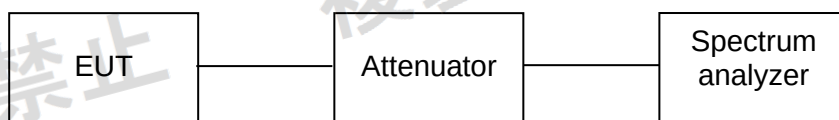
The following table is the setting of Spectrum Analyzer.

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

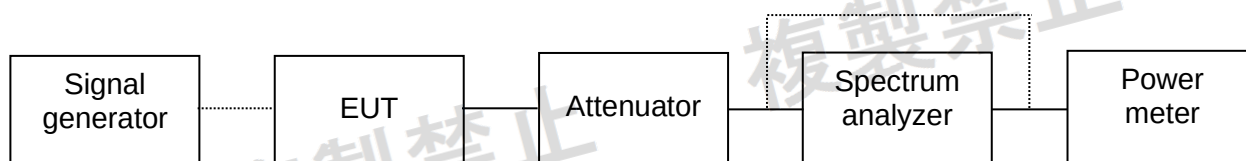
4.1 LIMIT

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% (Base on manufacturer declare power)

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

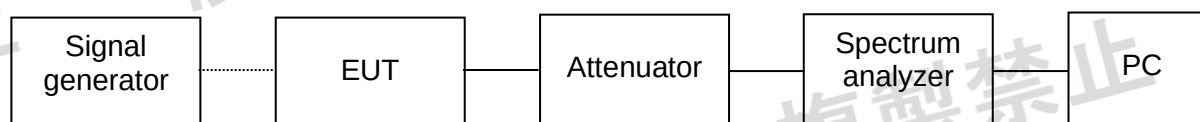
6.1 LIMIT

Item	Limits
Occupied Band Width:	83.5MHz for FHSS; 26MHz for DSSS and OFDM; 26 ~ 40MHz for OFDM(HT40)
Spreading Bandwidth:	≥ 500 kHz (FH, DS)

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)).
2. SA set to 90% of occupied bandwidth to measure Spread Spectrum Bandwidth and must greater than 500kHz.

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

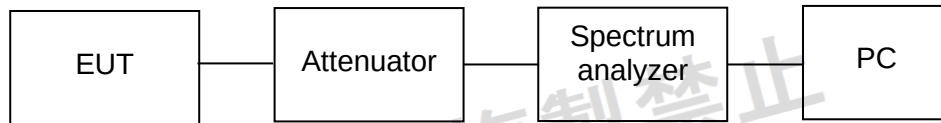
The following table is the setting of Spectrum Analyzer.

Spectrum Parameter	Setting
Attenuation	Auto
RBW / VBW	100KHz / 100KHz (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 / AT: 10dB Ref: 0dBm / 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. When we tested 30MHz-1GHz, we used the RB 100KHz setting for the test. The limit on the test chart was converted. The conversion formula: $-26\text{dBm} + 10 \cdot \log(100\text{K}/1\text{M}) = -36\text{dBm}$.
9. 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

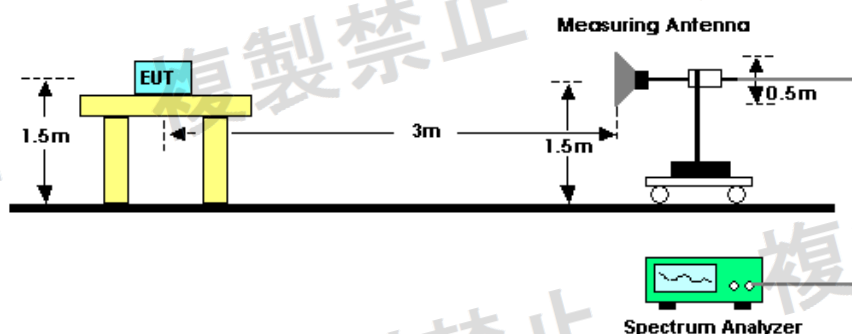
Item	Limits
3dB antenna beam width	$e \leq 360/A$ (The A is 10 in maximum) $A = \{EIRP \text{ Power [mW/MHz]} / \{2.14\text{dBi} + \text{output power}(10\text{mW/MHz}, 3\text{mW/MHz})\}\}$ Shall be 1 when A is lower than 1

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

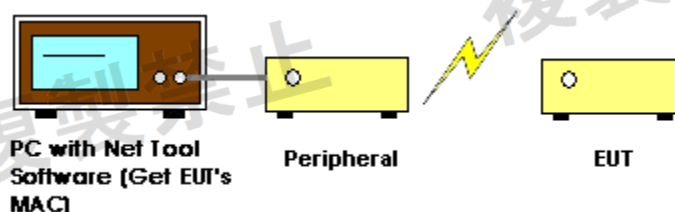
10.2 MEASURING ID CODE SOFTWARE

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

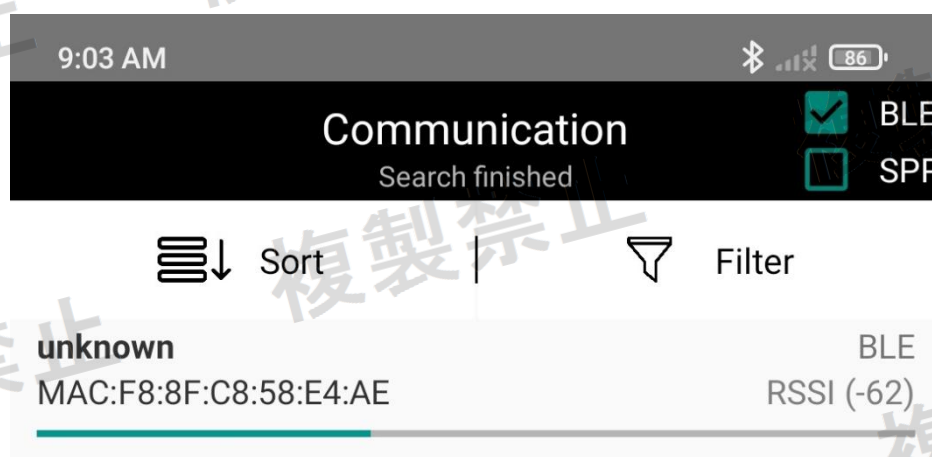


10.5 TEST DEVIATION

There is no deviation with the original standard.

10.6 TEST RESULT OF RADIO INTERFERENCE PREVENTION CAPABILITY

The MAC address is F8:8F:C8:58:E4:AE.





11. CARRIER SENSE CAPABILITY

11.1 INTERFERENCE PREVENTION FUNCTION

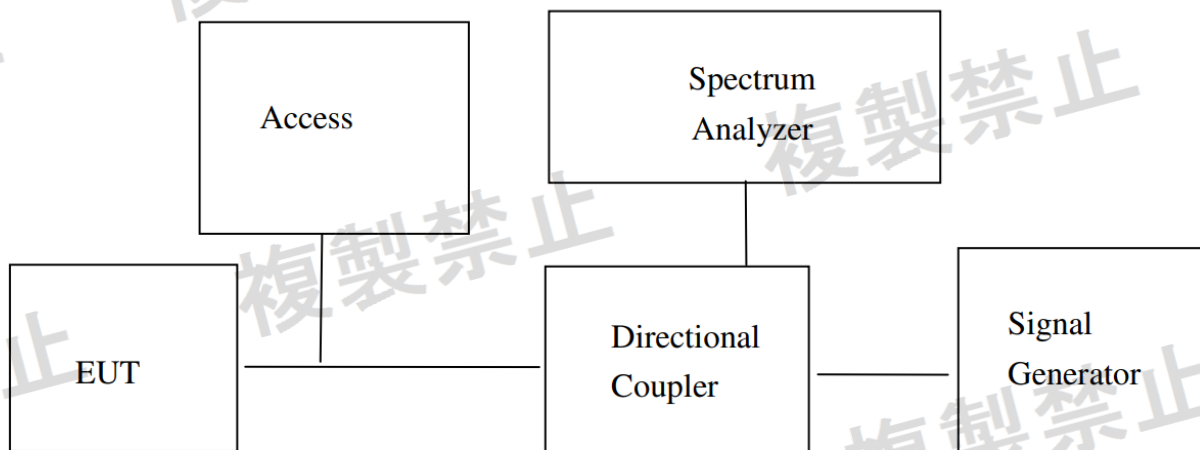
11.2 TEST REQUIREMENT

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

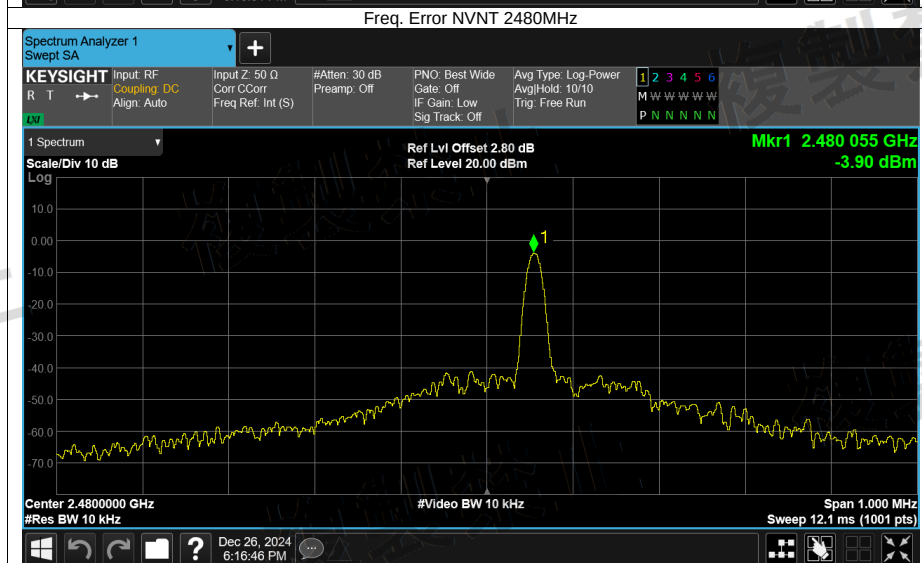
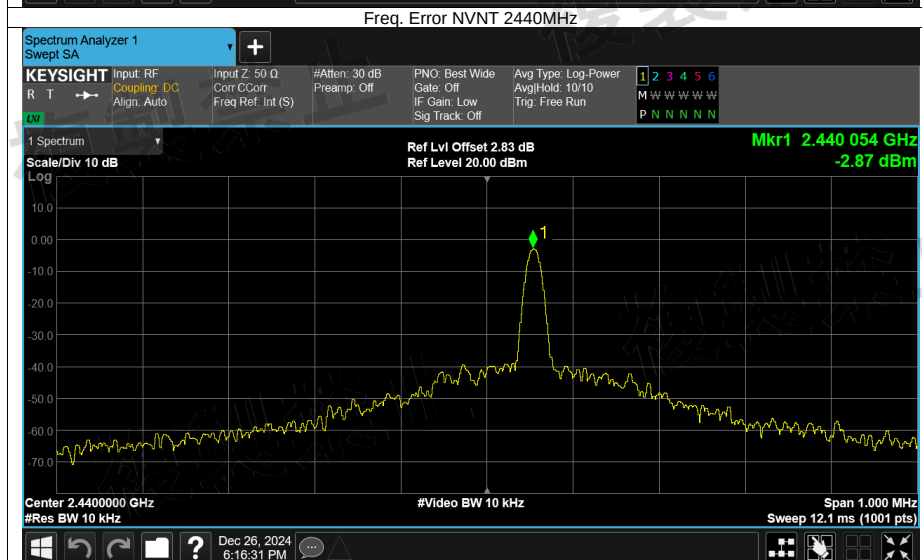
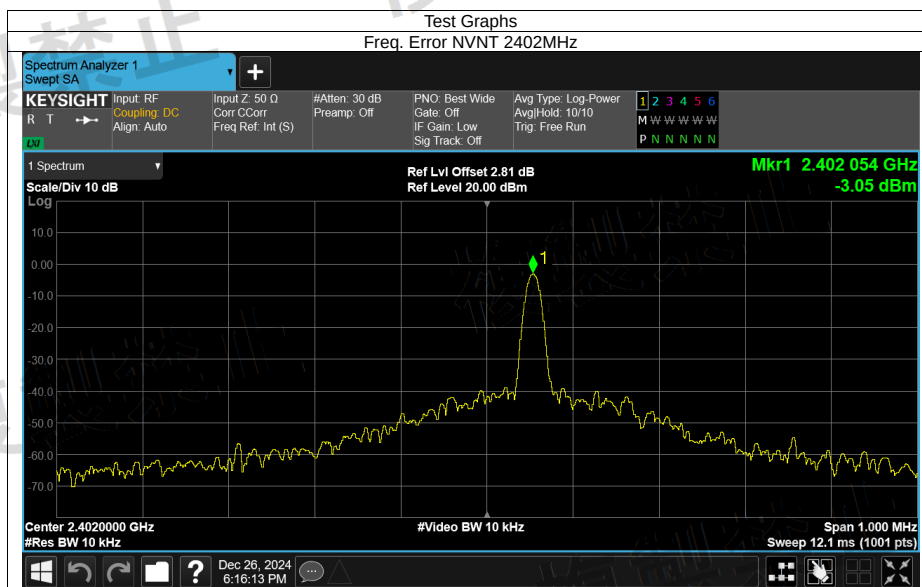
Not applicable.



APPENDIX I - TEST RESULTS

Frequency Error

Condition	Frequency (MHz)	Measured Frequency (MHz)	Frequency Error (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
NVNT	2402	2402.054	54000	22.48	±50	Pass
NVNT	2440	2440.054	54000	22.13	±50	Pass
NVNT	2480	2480.055	55000	22.18	±50	Pass
HVNT	2402	2402.053	53000	22.06	±50	Pass
HVNT	2440	2440.055	55000	22.54	±50	Pass
HVNT	2480	2480.056	56000	22.58	±50	Pass
LVNT	2402	2402.054	54000	22.48	±50	Pass
LVNT	2440	2440.055	55000	22.54	±50	Pass
LVNT	2480	2480.056	56000	22.58	±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	-2.91	0.512	10	1	-48.8	20	Pass
NVNT	BLE 1M	2440	-2.77	0.528	10	1	-47.2	20	Pass
NVNT	BLE 1M	2480	-3.76	0.421	10	1	-57.9	20	Pass
HVNT	BLE 1M	2402	-2.83	0.521	10	1	-47.9	20	Pass
HVNT	BLE 1M	2440	-2.65	0.543	10	1	-45.7	20	Pass
HVNT	BLE 1M	2480	-3.73	0.424	10	1	-57.6	20	Pass
LVNT	BLE 1M	2402	-2.88	0.515	10	1	-48.5	20	Pass
LVNT	BLE 1M	2440	-2.69	0.538	10	1	-46.2	20	Pass
LVNT	BLE 1M	2480	-3.75	0.422	10	1	-57.8	20	Pass



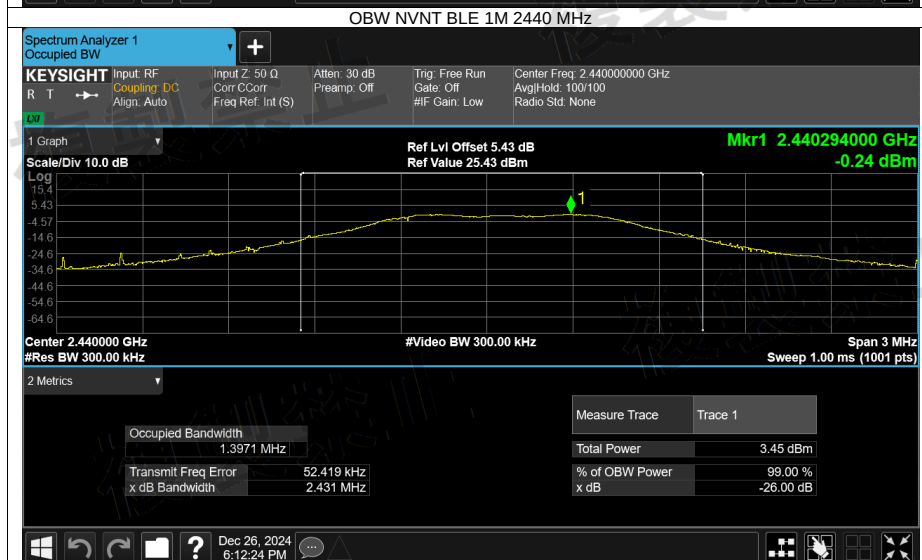
EIRP Power

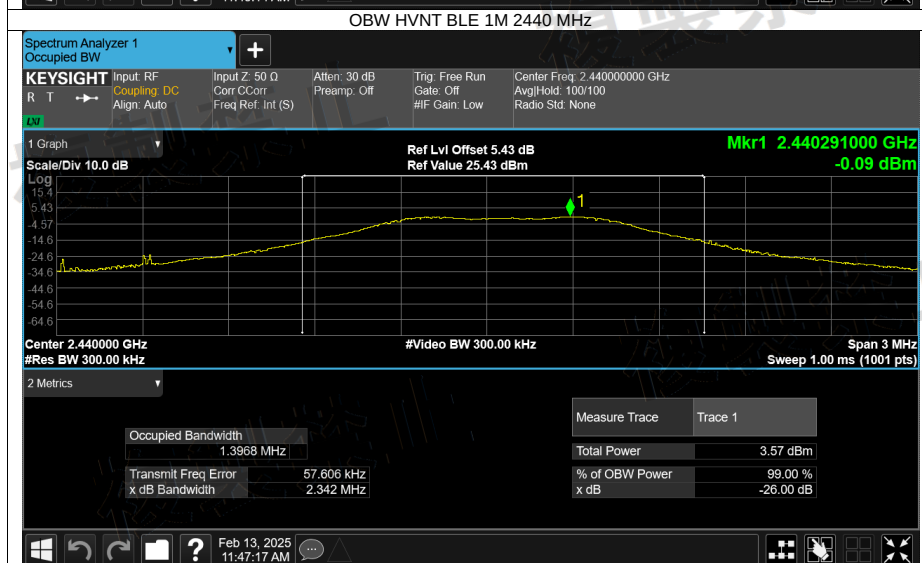
Condition	Mode	Frequency (MHz)	Antenna Power (dBm)	Gain (dBi)	EIRP Power (dBm)	Limit (dBm)	Verdict
NVNT	BLE 1M	2402	-2.91	2.6	-0.31	12.14	Pass
NVNT	BLE 1M	2440	-2.77	2.6	-0.17	12.14	Pass
NVNT	BLE 1M	2480	-3.76	2.6	-1.16	12.14	Pass
HVNT	BLE 1M	2402	-2.83	2.6	-0.23	12.14	Pass
HVNT	BLE 1M	2440	-2.65	2.6	-0.05	12.14	Pass
HVNT	BLE 1M	2480	-3.73	2.6	-1.13	12.14	Pass
LVNT	BLE 1M	2402	-2.88	2.6	-0.28	12.14	Pass
LVNT	BLE 1M	2440	-2.69	2.6	-0.09	12.14	Pass
LVNT	BLE 1M	2480	-3.75	2.6	-1.15	12.14	Pass

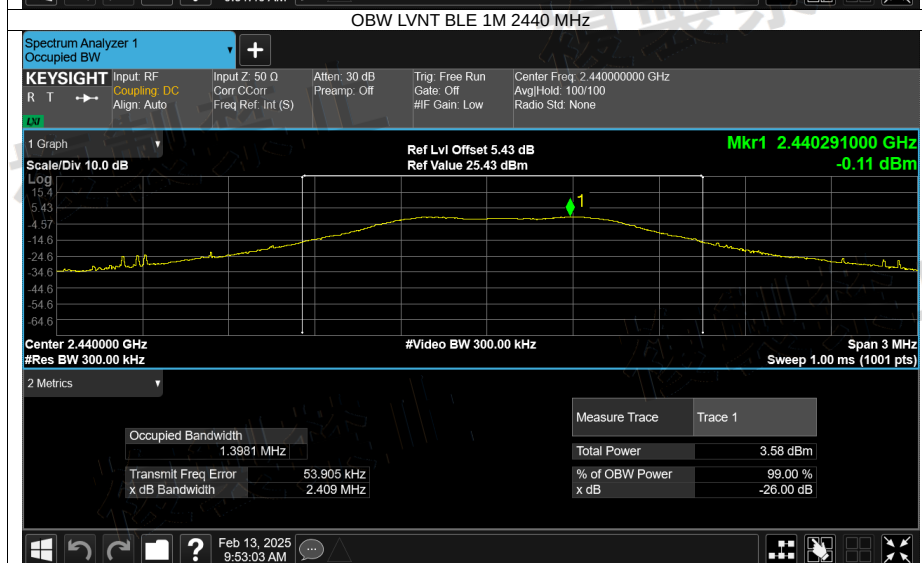


Occupied Channel Bandwidth

Condition	Mode	Frequency (MHz)	99% OBW (MHz)
NVNT	BLE 1M	2402	1.366
NVNT	BLE 1M	2440	1.397
NVNT	BLE 1M	2480	1.458
HVNT	BLE 1M	2402	1.367
HVNT	BLE 1M	2440	1.397
HVNT	BLE 1M	2480	1.458
LVNT	BLE 1M	2402	1.372
LVNT	BLE 1M	2440	1.398
LVNT	BLE 1M	2480	1.441



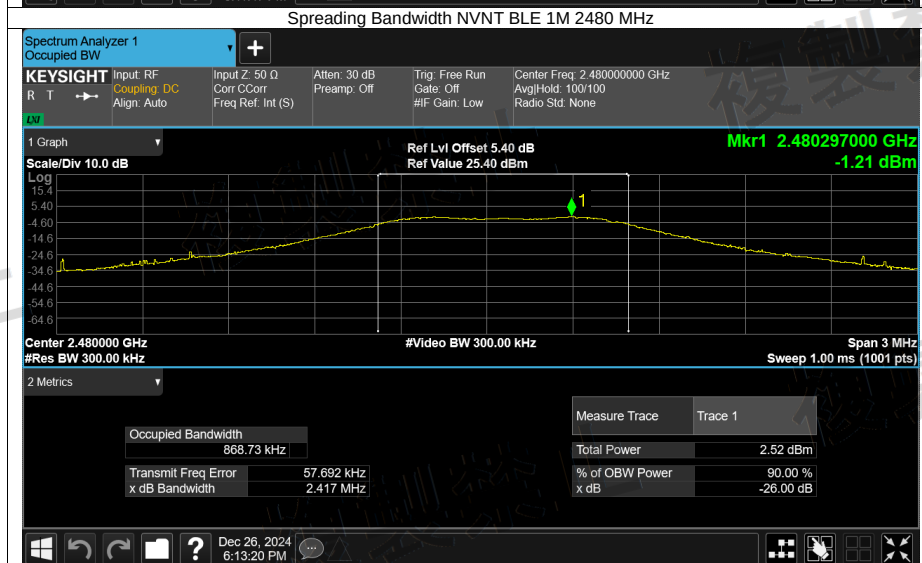
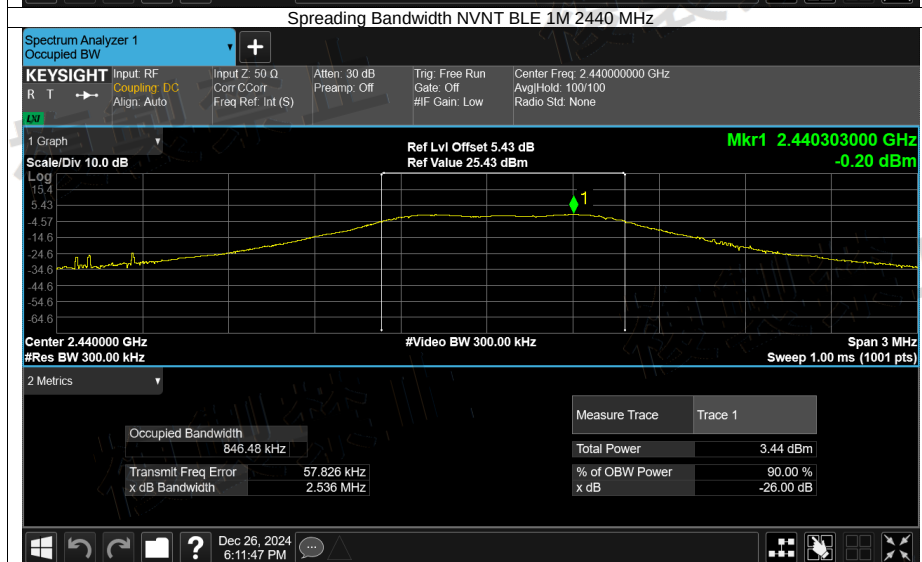
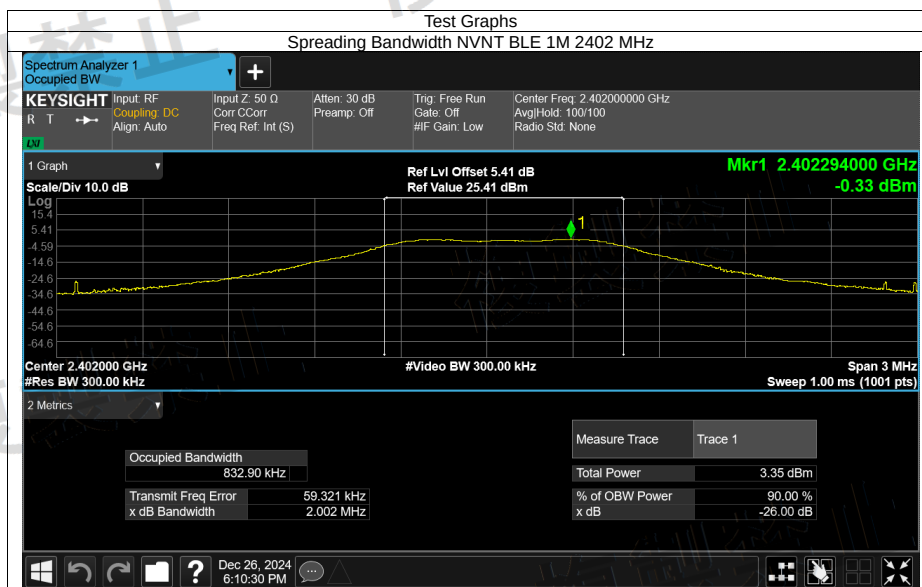


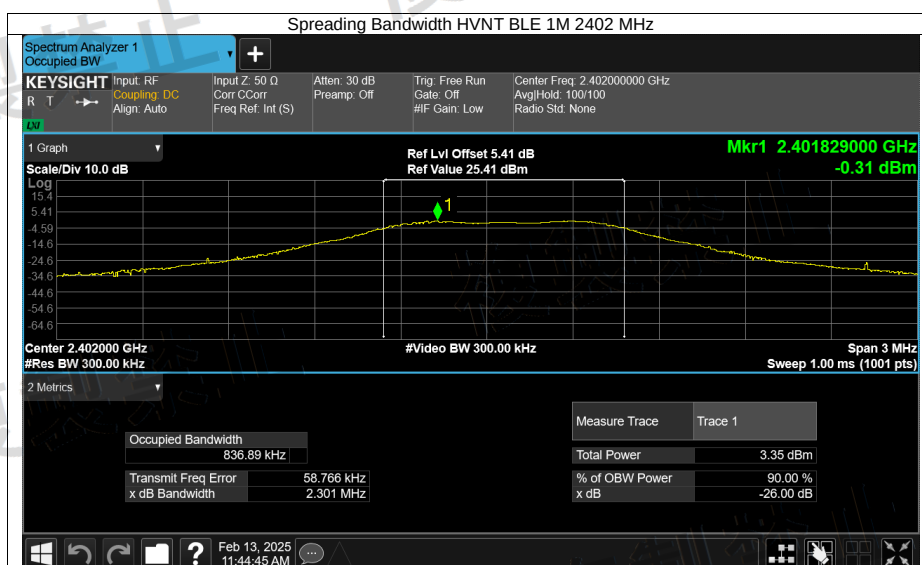


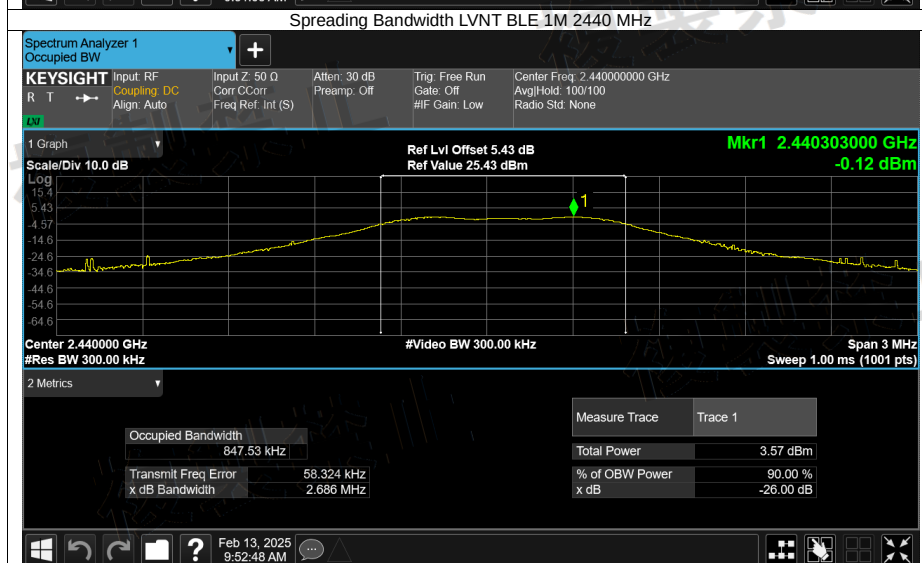
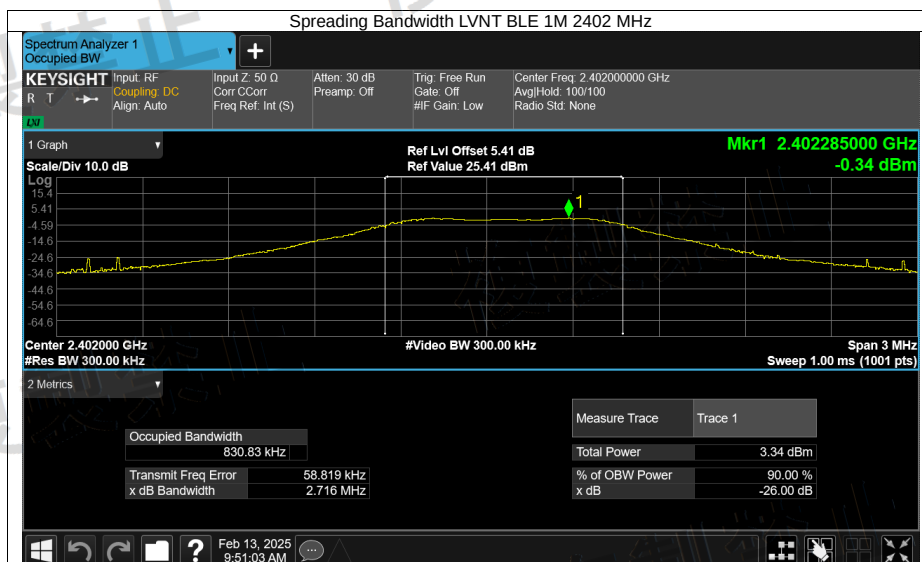


Spreading Bandwidth

Condition	Mode	Frequency (MHz)	90% OBW (MHz)	Limit (MHz)	Verdict
NVNT	BLE 1M	2402	0.833	0.5	Pass
NVNT	BLE 1M	2440	0.846	0.5	Pass
NVNT	BLE 1M	2480	0.869	0.5	Pass
HVNT	BLE 1M	2402	0.837	0.5	Pass
HVNT	BLE 1M	2440	0.845	0.5	Pass
HVNT	BLE 1M	2480	0.872	0.5	Pass
LVNT	BLE 1M	2402	0.831	0.5	Pass
LVNT	BLE 1M	2440	0.848	0.5	Pass
LVNT	BLE 1M	2480	0.873	0.5	Pass

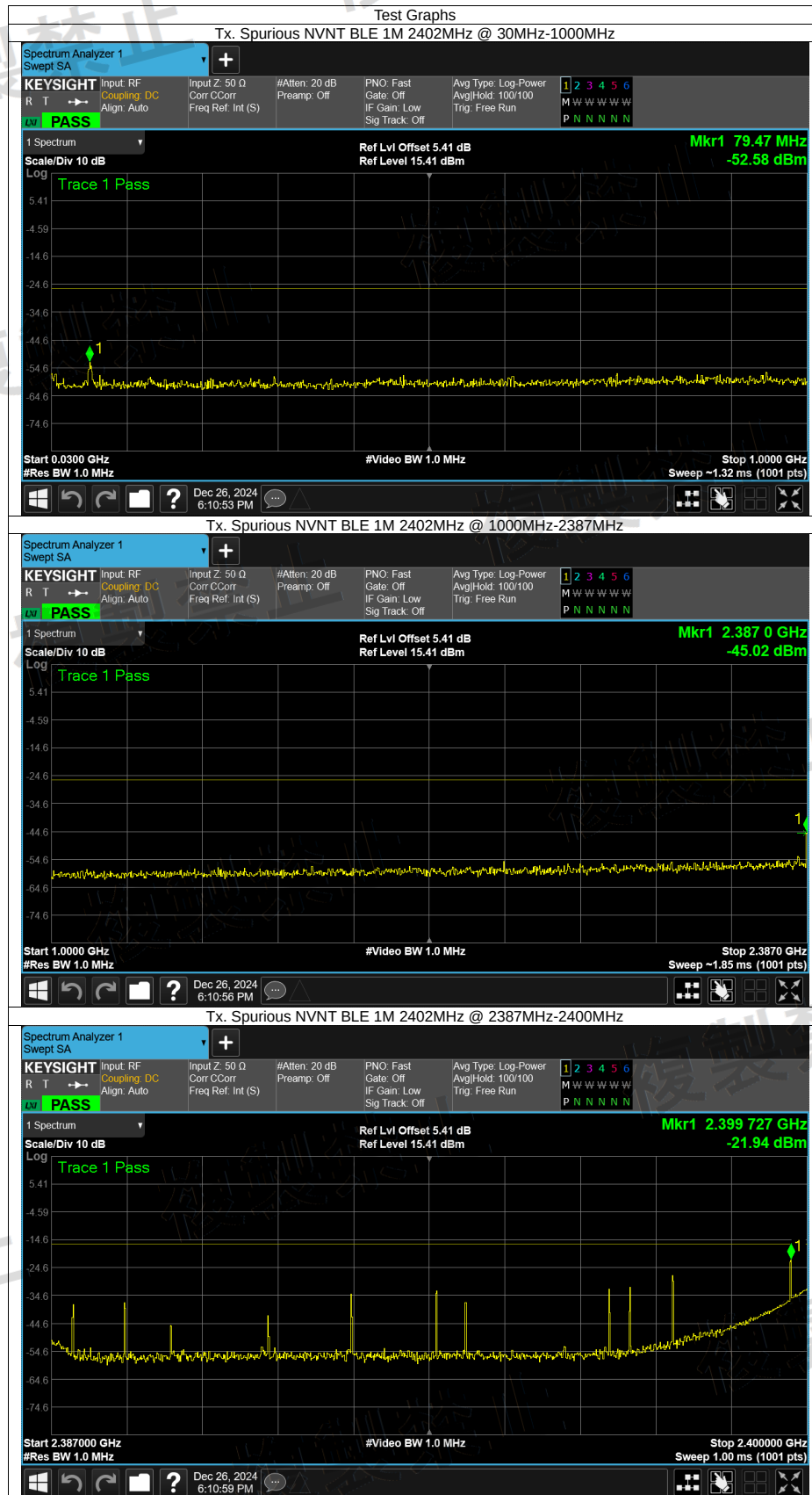


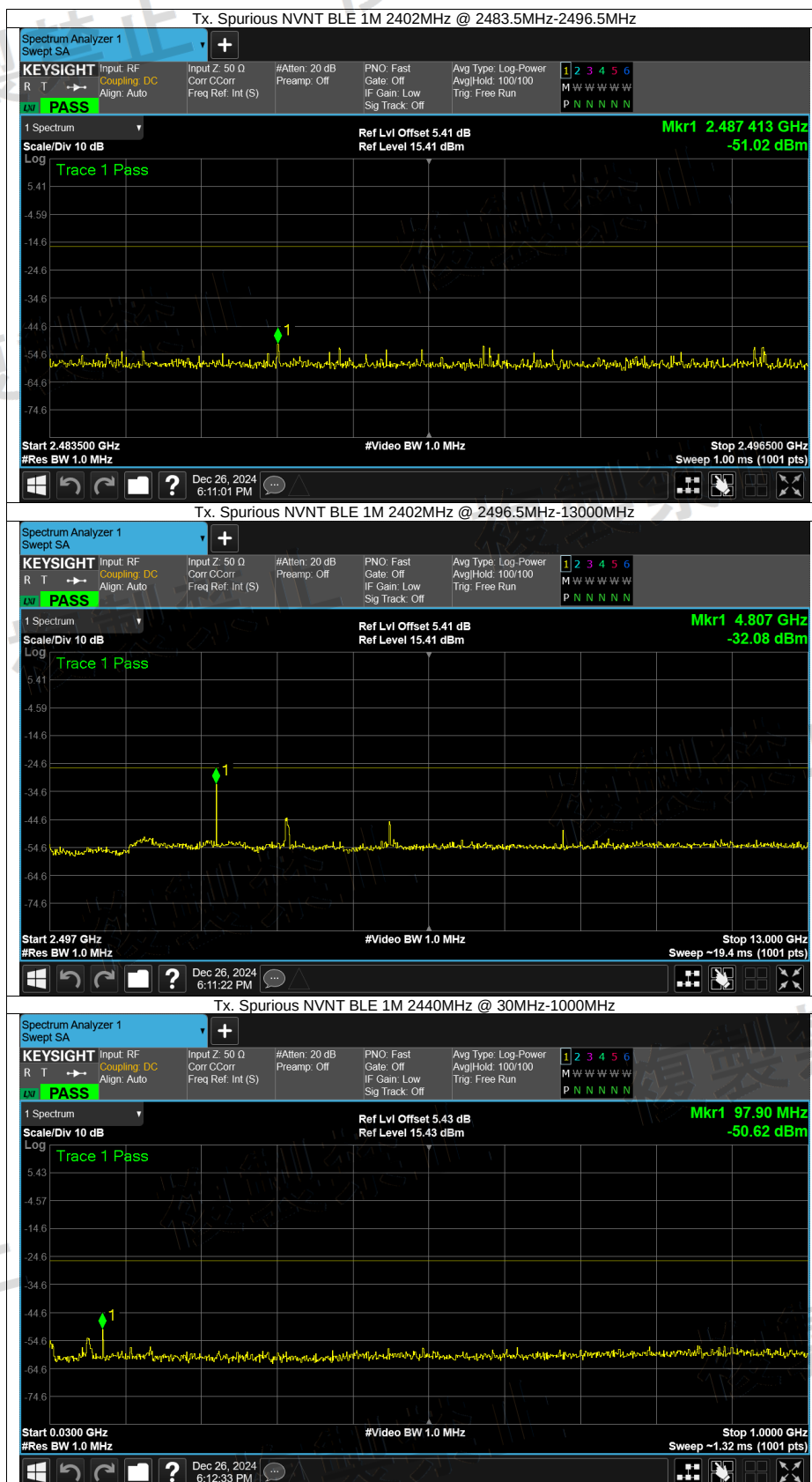


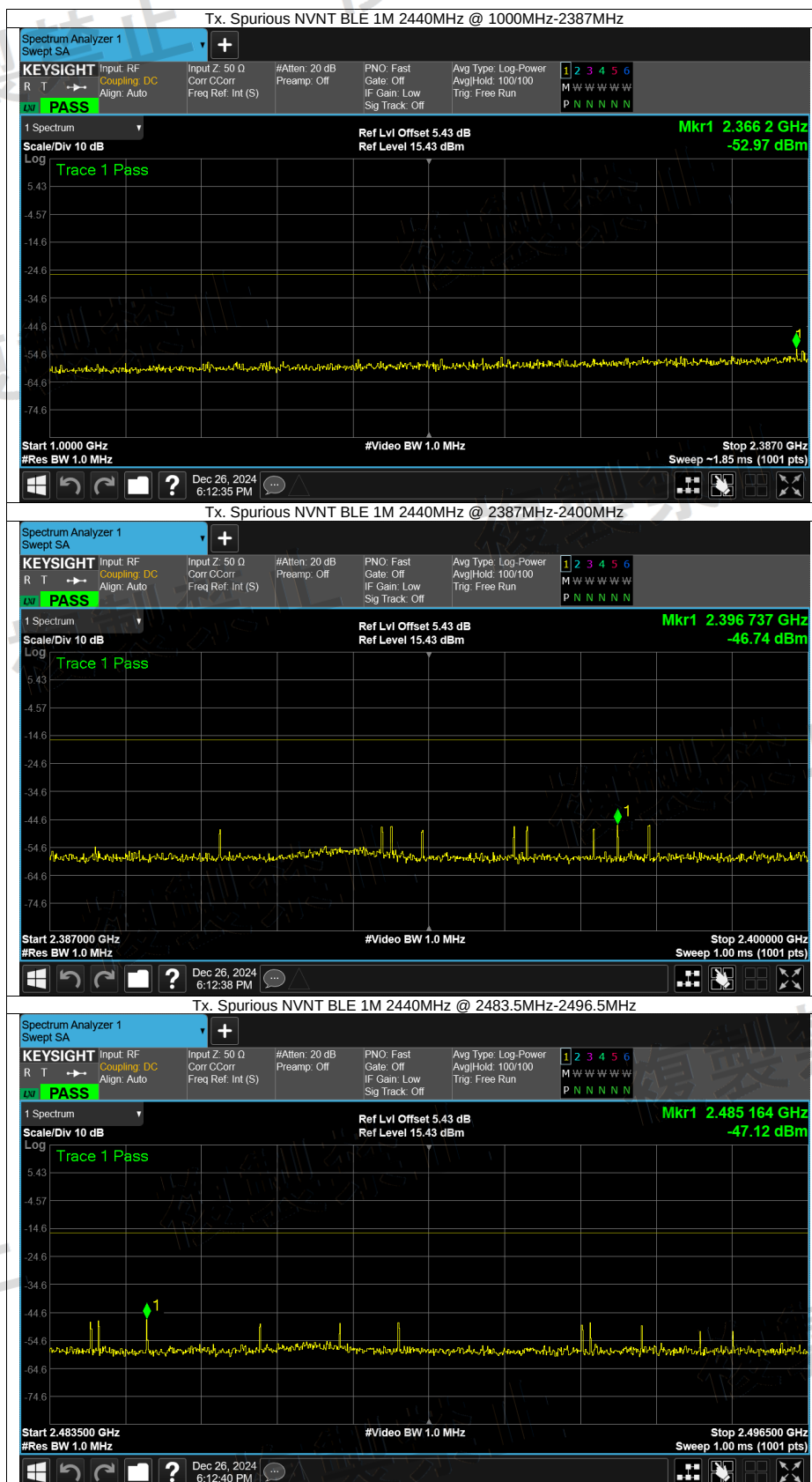


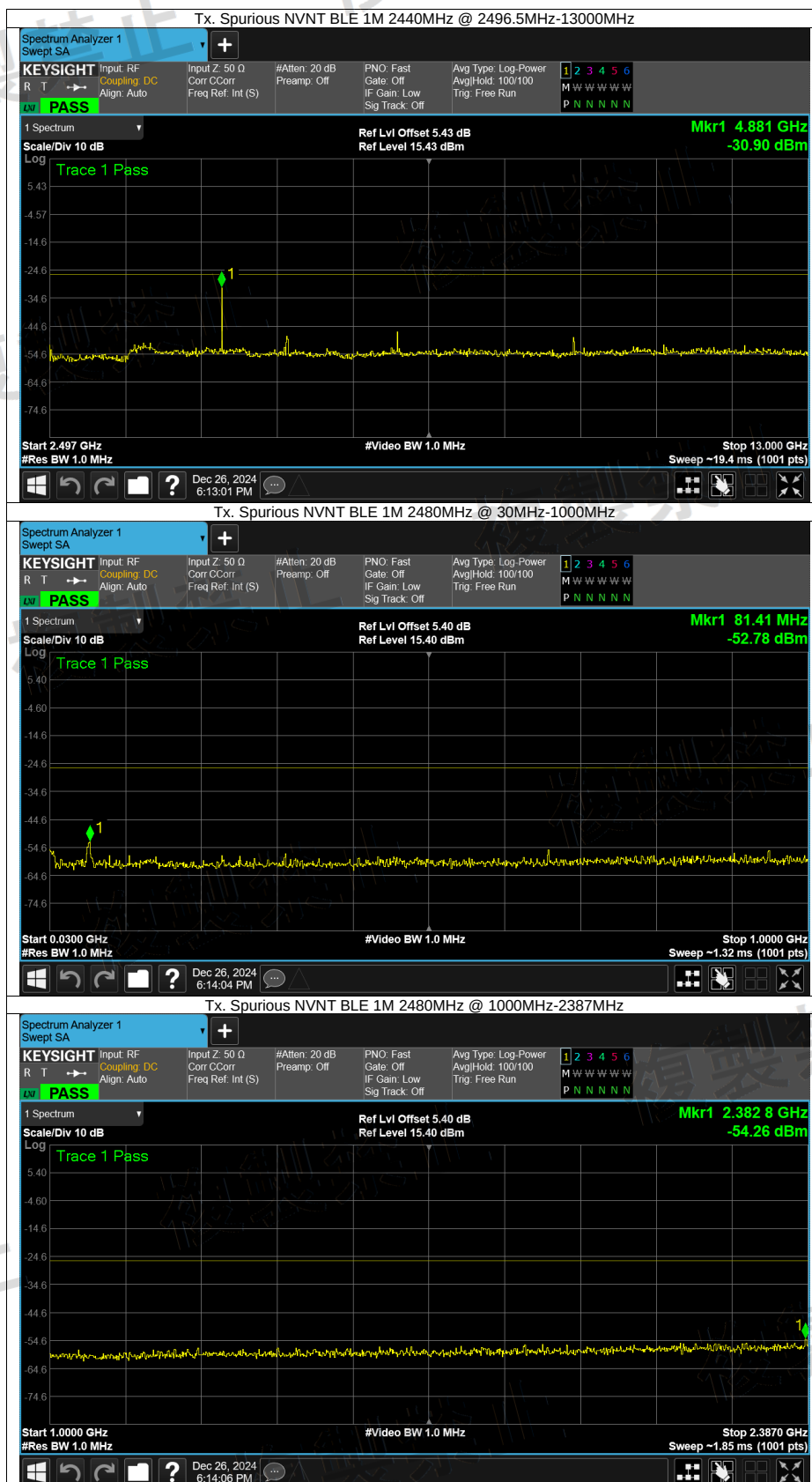
**Tx Spurious Emission**

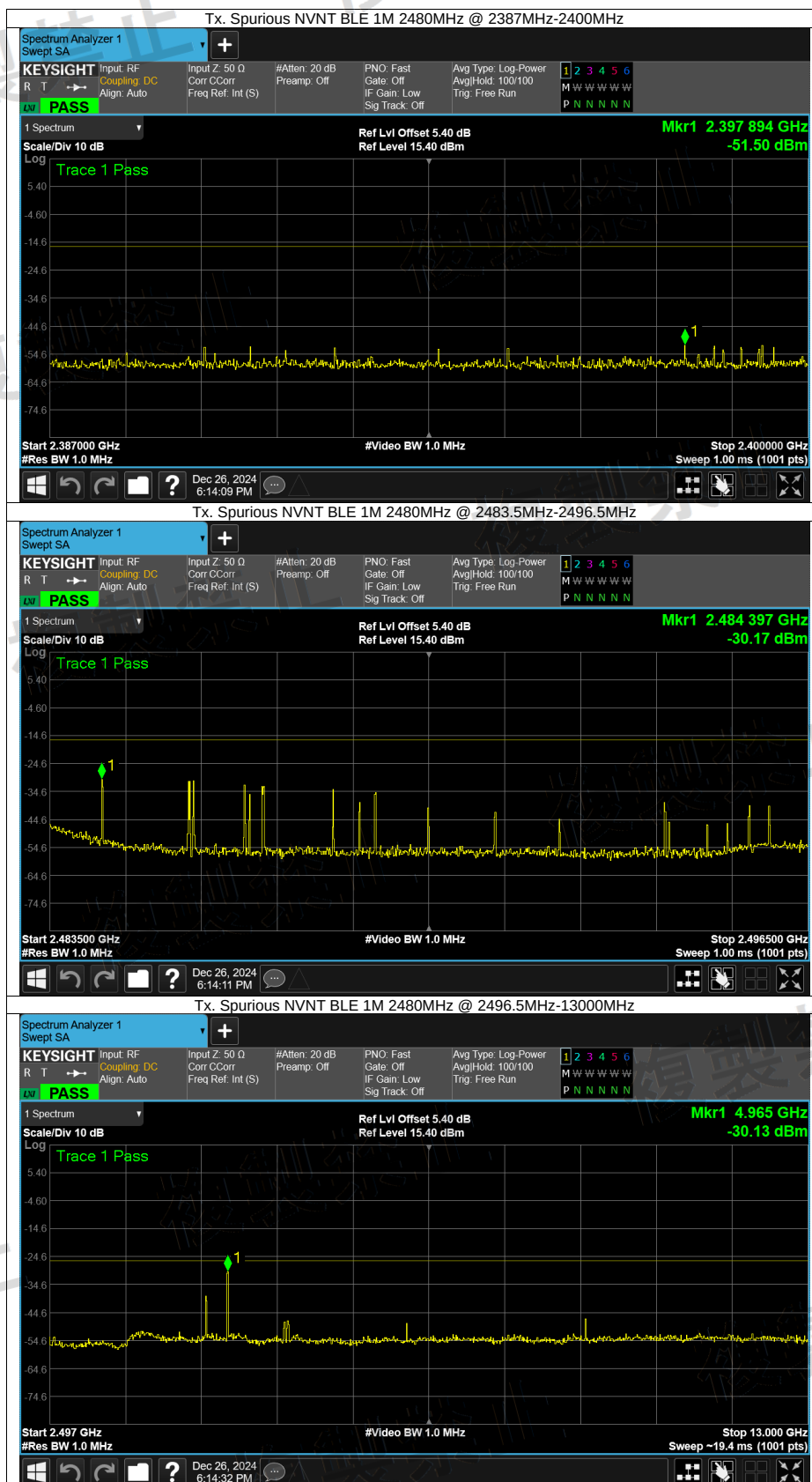
Condition	Mode	Frequency (MHz)	Range (MHz)	Emission Frequency (MHz)	Max Value (dBm/MHz)	Max Value (uW/MHz)	Limit Start(uW/MHz)	Limit Stop (uW/MHz)	Verdict
NVNT	BLE 1M	2402	30-1000	79.47	-52.58	0.0055	2.5	2.5	Pass
NVNT	BLE 1M	2402	1000-2387	2387	-45.02	0.0315	2.5	2.5	Pass
NVNT	BLE 1M	2402	2387-2400	2399.73	-21.94	6.3973	25	25	Pass
NVNT	BLE 1M	2402	2483.5-2496.5	2487.41	-51.02	0.0079	25	25	Pass
NVNT	BLE 1M	2402	2496.5-13000	4807.27	-32.08	0.6194	2.5	2.5	Pass
NVNT	BLE 1M	2440	30-1000	97.9	-50.62	0.0087	2.5	2.5	Pass
NVNT	BLE 1M	2440	1000-2387	2366.19	-52.97	0.005	2.5	2.5	Pass
NVNT	BLE 1M	2440	2387-2400	2396.74	-46.74	0.0212	25	25	Pass
NVNT	BLE 1M	2440	2483.5-2496.5	2485.16	-47.12	0.0194	25	25	Pass
NVNT	BLE 1M	2440	2496.5-13000	4880.79	-30.9	0.8128	2.5	2.5	Pass
NVNT	BLE 1M	2480	30-1000	81.41	-52.78	0.0053	2.5	2.5	Pass
NVNT	BLE 1M	2480	1000-2387	2382.84	-54.26	0.0037	2.5	2.5	Pass
NVNT	BLE 1M	2480	2387-2400	2397.89	-51.5	0.0071	25	25	Pass
NVNT	BLE 1M	2480	2483.5-2496.5	2484.4	-30.17	0.9616	25	25	Pass
NVNT	BLE 1M	2480	2496.5-13000	4964.82	-30.13	0.9705	2.5	2.5	Pass
HVNT	BLE 1M	2402	30-1000	31.94	-41.14	0.0769	2.5	2.5	Pass
HVNT	BLE 1M	2402	1000-2387	1958.42	-36.41	0.2286	2.5	2.5	Pass
HVNT	BLE 1M	2402	2387-2400	2399.94	-19.8	10.4713	25	25	Pass
HVNT	BLE 1M	2402	2483.5-2496.5	2492.26	-49.44	0.0114	25	25	Pass
HVNT	BLE 1M	2402	2496.5-13000	4807.27	-32.07	0.6209	2.5	2.5	Pass
HVNT	BLE 1M	2440	30-1000	30.97	-40.32	0.0929	2.5	2.5	Pass
HVNT	BLE 1M	2440	1000-2387	1958.42	-28.36	1.4588	2.5	2.5	Pass
HVNT	BLE 1M	2440	2387-2400	2394.64	-45.3	0.0295	25	25	Pass
HVNT	BLE 1M	2440	2483.5-2496.5	2485.94	-48.28	0.0149	25	25	Pass
HVNT	BLE 1M	2440	2496.5-13000	4880.79	-31.22	0.7551	2.5	2.5	Pass
HVNT	BLE 1M	2480	30-1000	30	-40.32	0.0929	2.5	2.5	Pass
HVNT	BLE 1M	2480	1000-2387	2127.63	-53.63	0.0043	2.5	2.5	Pass
HVNT	BLE 1M	2480	2387-2400	2392.86	-50.31	0.0093	25	25	Pass
HVNT	BLE 1M	2480	2483.5-2496.5	2484.64	-28.54	1.3996	25	25	Pass
HVNT	BLE 1M	2480	2496.5-13000	4964.82	-30.46	0.8995	2.5	2.5	Pass
LVNT	BLE 1M	2402	30-1000	30	-37.34	0.1845	2.5	2.5	Pass
LVNT	BLE 1M	2402	1000-2387	2387	-45.19	0.0303	2.5	2.5	Pass
LVNT	BLE 1M	2402	2387-2400	2397.07	-28.22	1.5066	25	25	Pass
LVNT	BLE 1M	2402	2483.5-2496.5	2493.55	-51.41	0.0072	25	25	Pass
LVNT	BLE 1M	2402	2496.5-13000	4807.27	-31.96	0.6368	2.5	2.5	Pass
LVNT	BLE 1M	2440	30-1000	30	-36.73	0.2123	2.5	2.5	Pass
LVNT	BLE 1M	2440	1000-2387	2364.81	-54.58	0.0035	2.5	2.5	Pass
LVNT	BLE 1M	2440	2387-2400	2396.82	-46.52	0.0223	25	25	Pass
LVNT	BLE 1M	2440	2483.5-2496.5	2491.63	-47.98	0.0159	25	25	Pass
LVNT	BLE 1M	2440	2496.5-13000	4880.79	-31.05	0.7852	2.5	2.5	Pass
LVNT	BLE 1M	2480	30-1000	30	-39.44	0.1138	2.5	2.5	Pass
LVNT	BLE 1M	2480	1000-2387	2353.71	-54.85	0.0033	2.5	2.5	Pass
LVNT	BLE 1M	2480	2387-2400	2389.87	-50.6	0.0087	25	25	Pass
LVNT	BLE 1M	2480	2483.5-2496.5	2485.48	-30.2	0.955	25	25	Pass
LVNT	BLE 1M	2480	2496.5-13000	4964.82	-30.36	0.9204	2.5	2.5	Pass

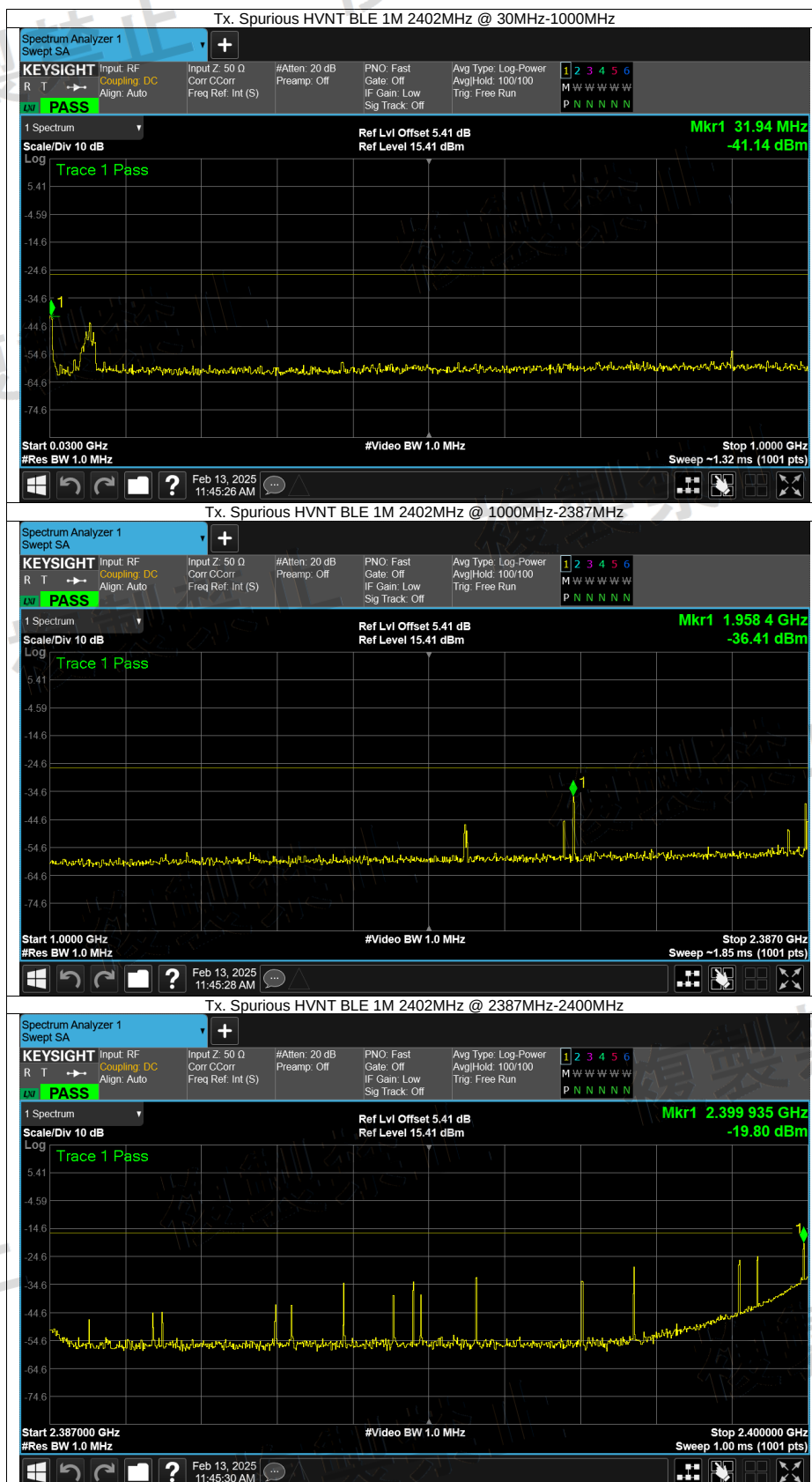


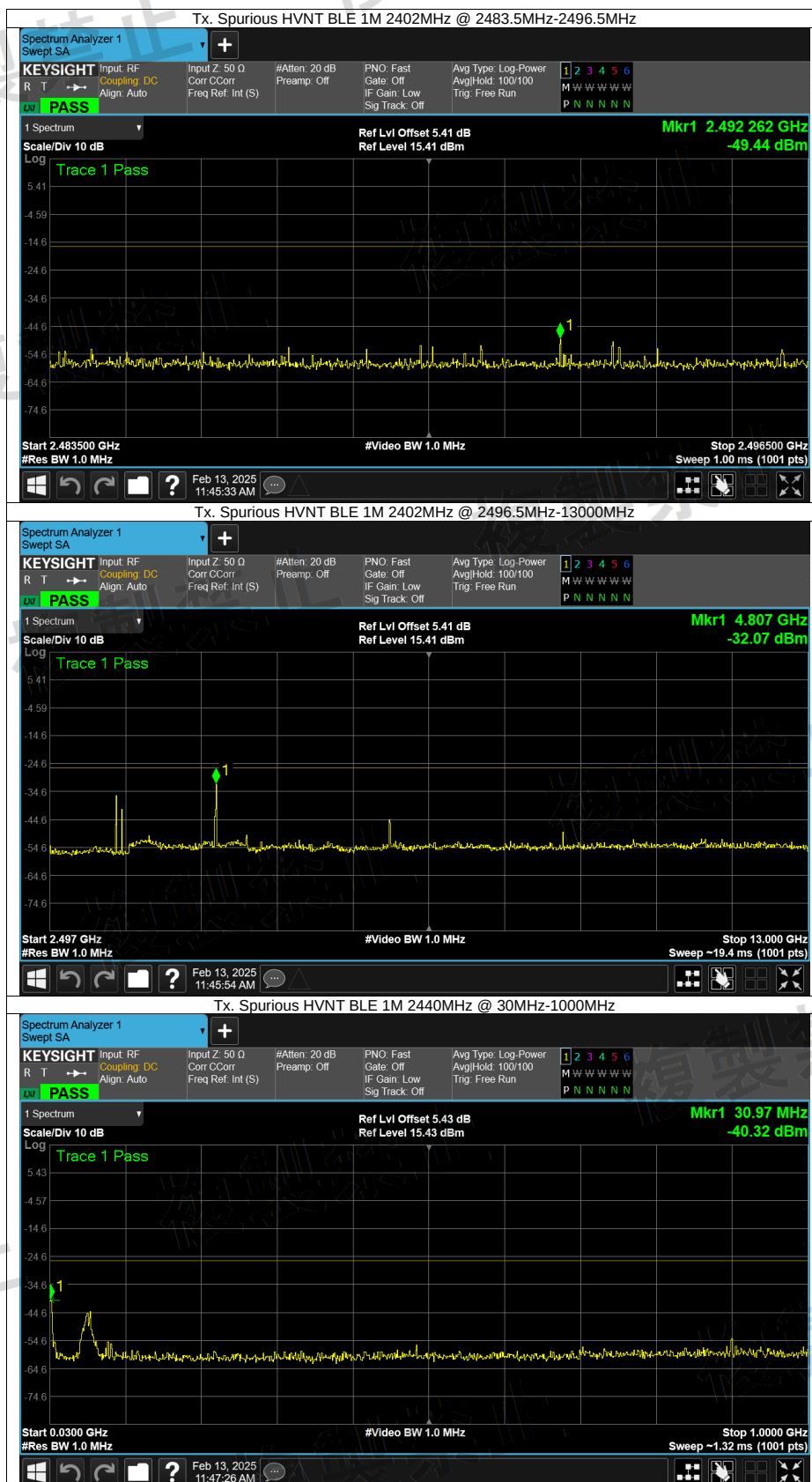


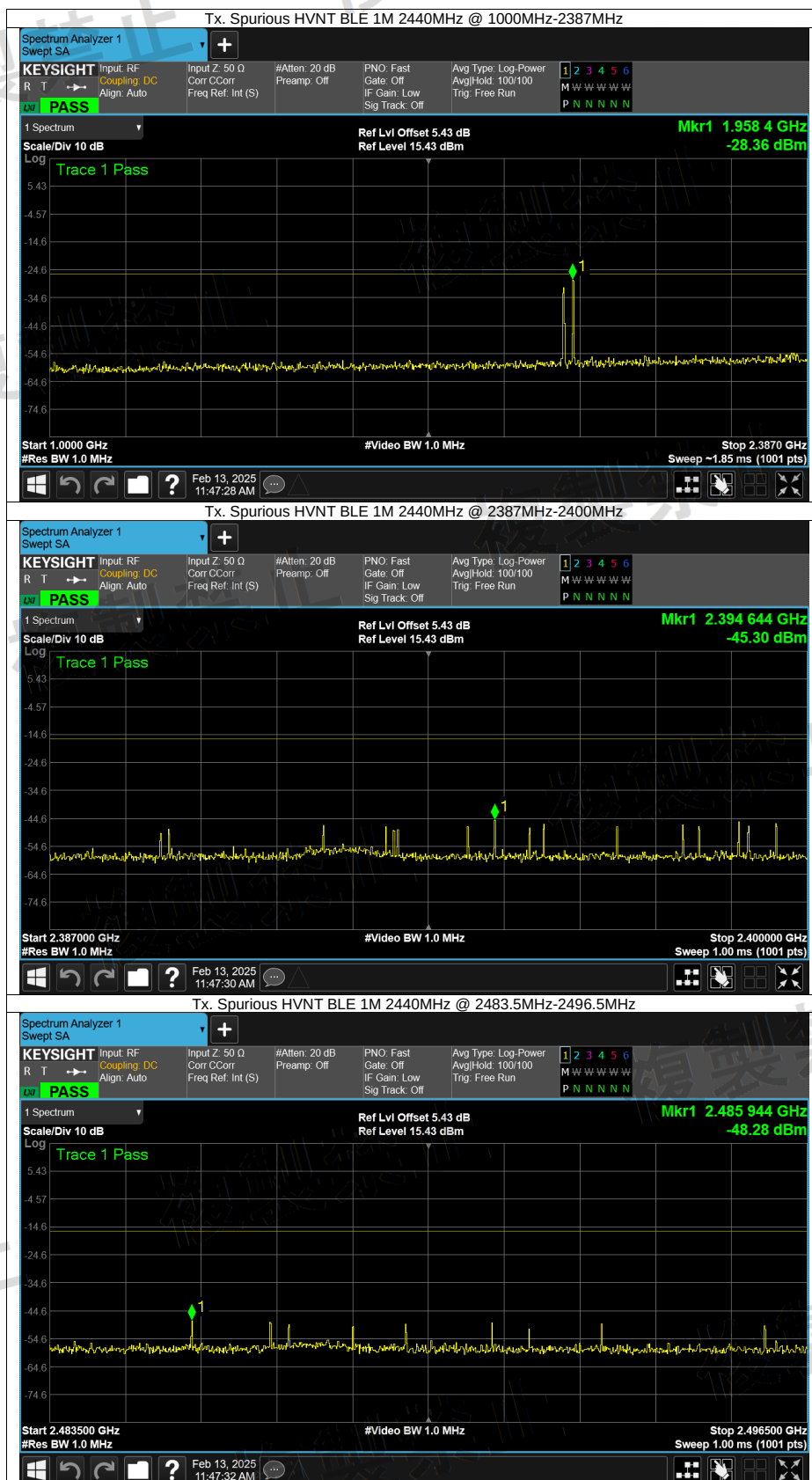


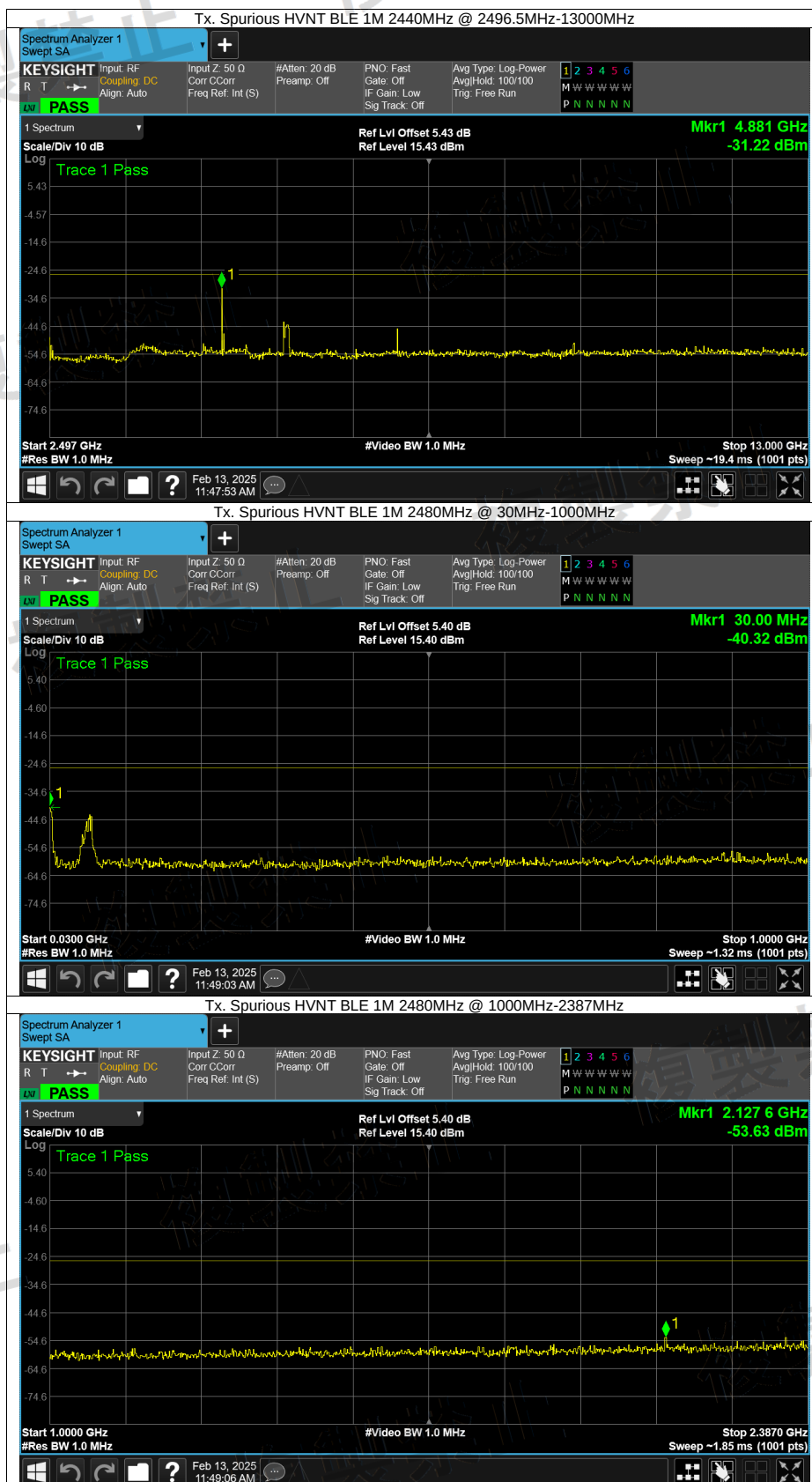


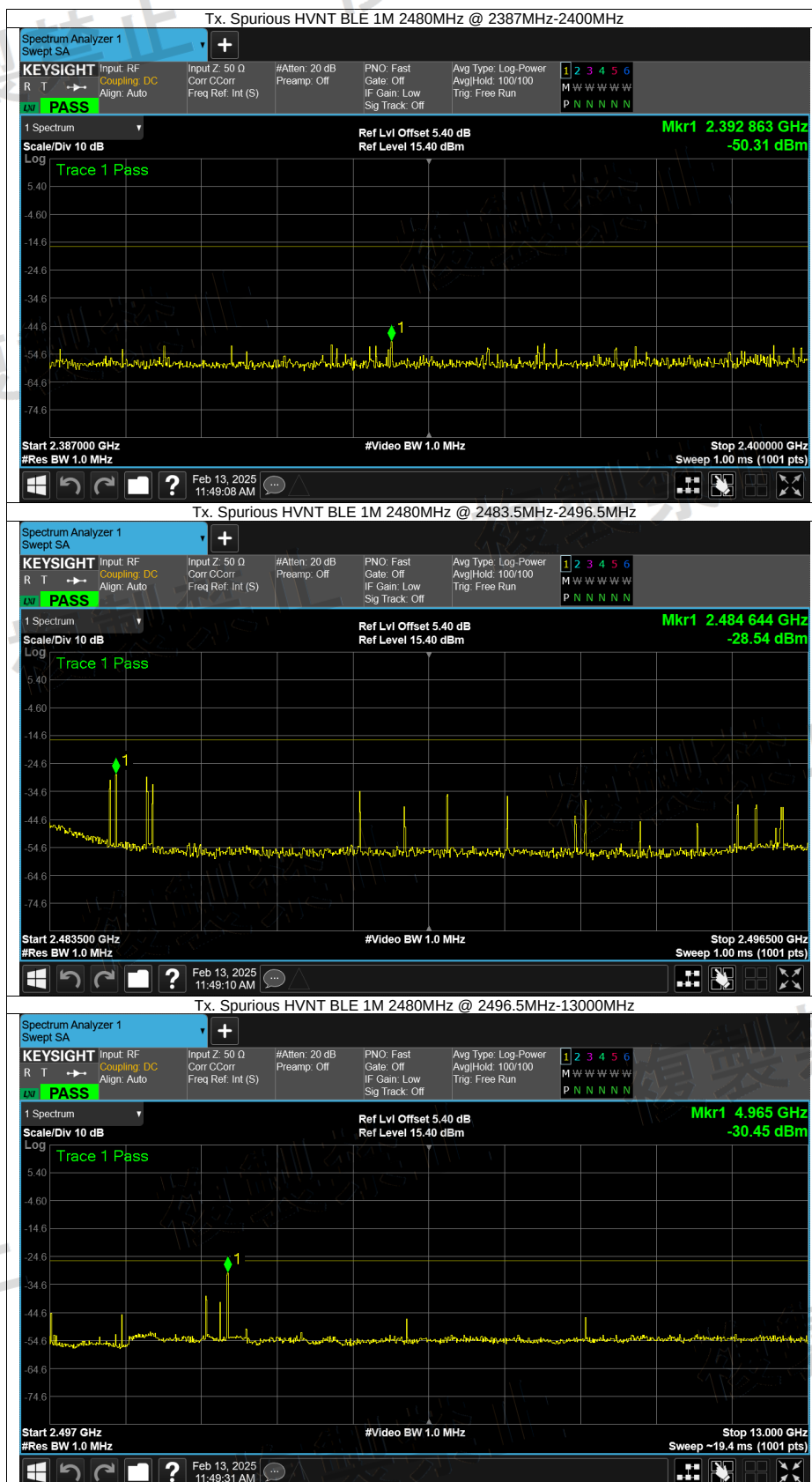


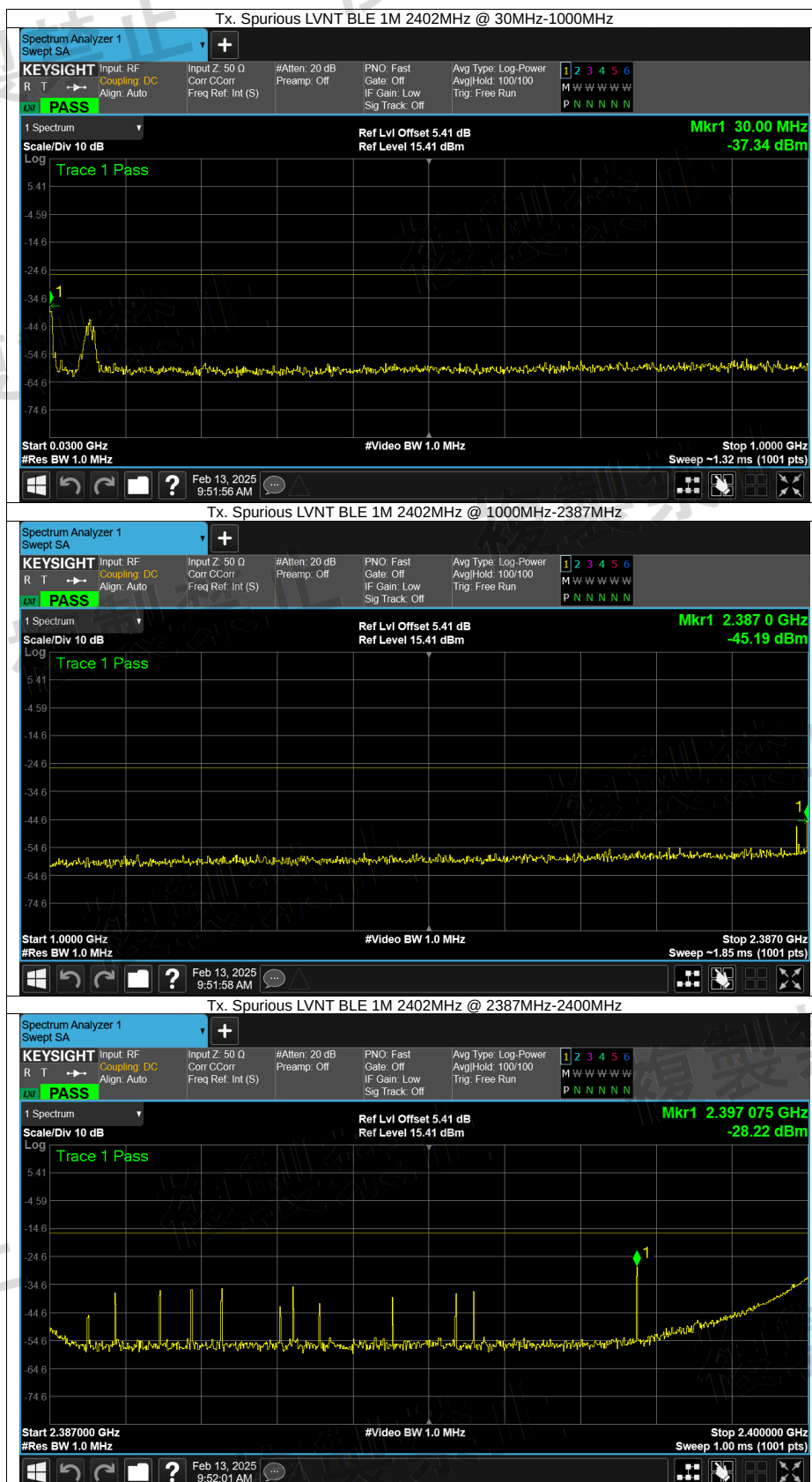


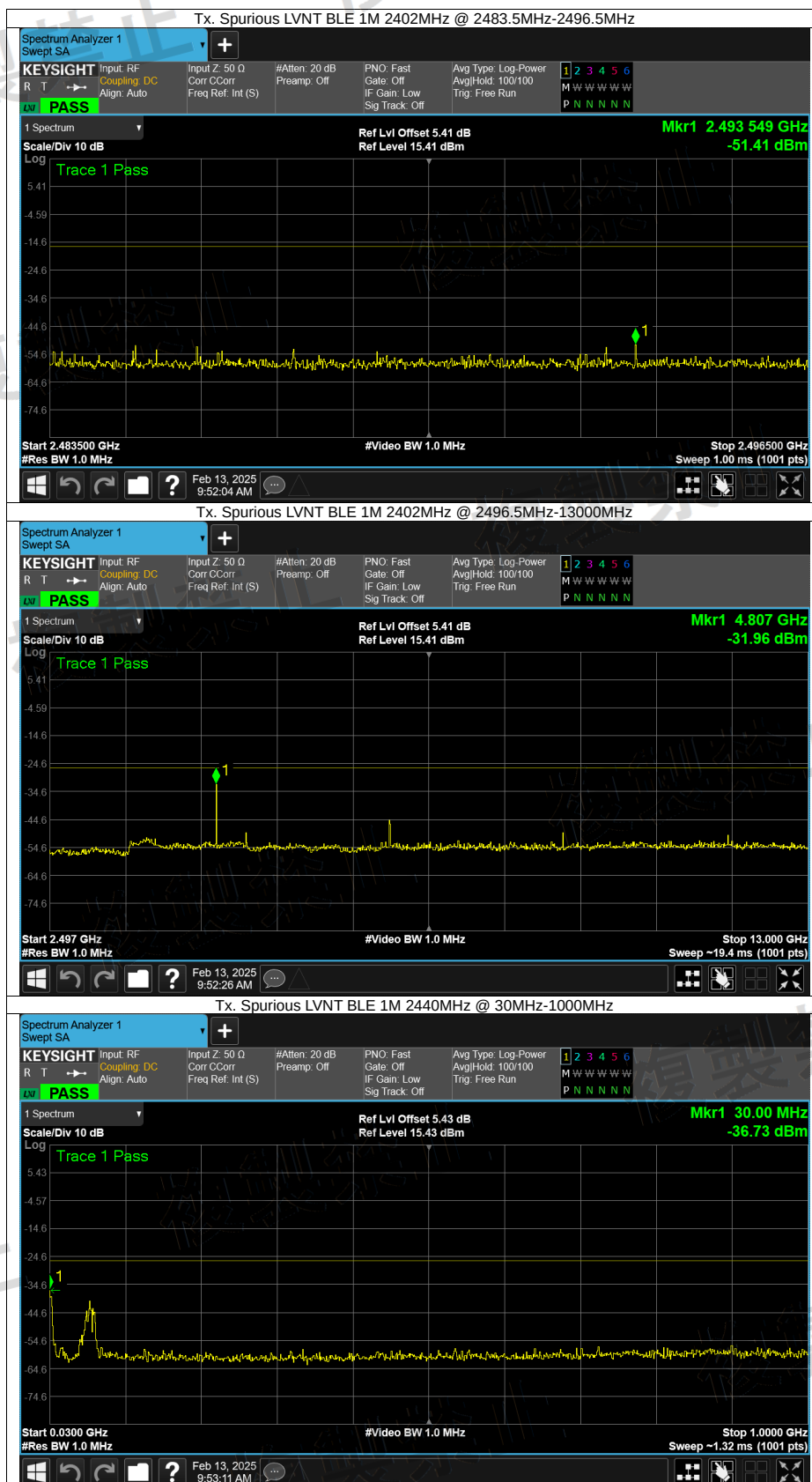


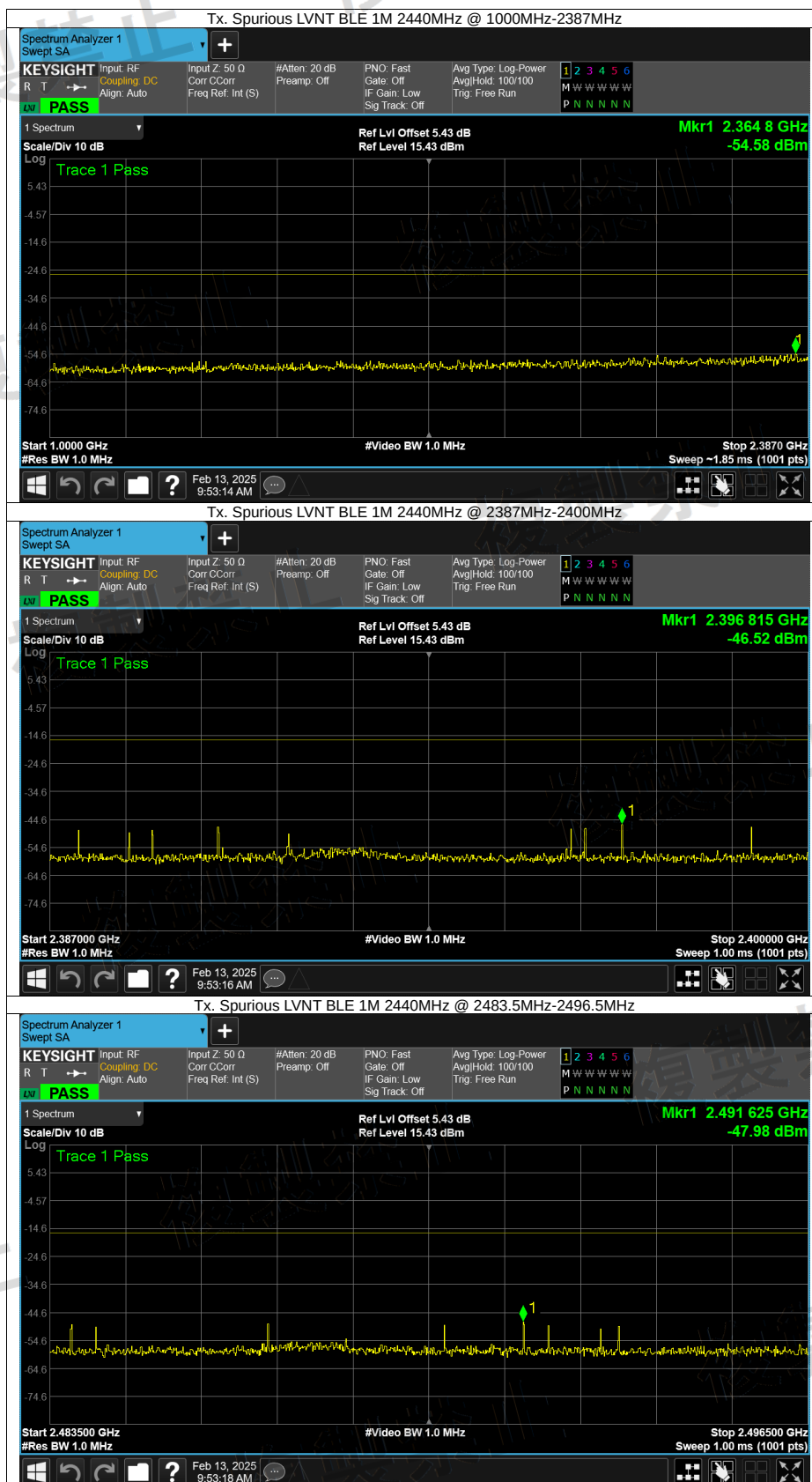


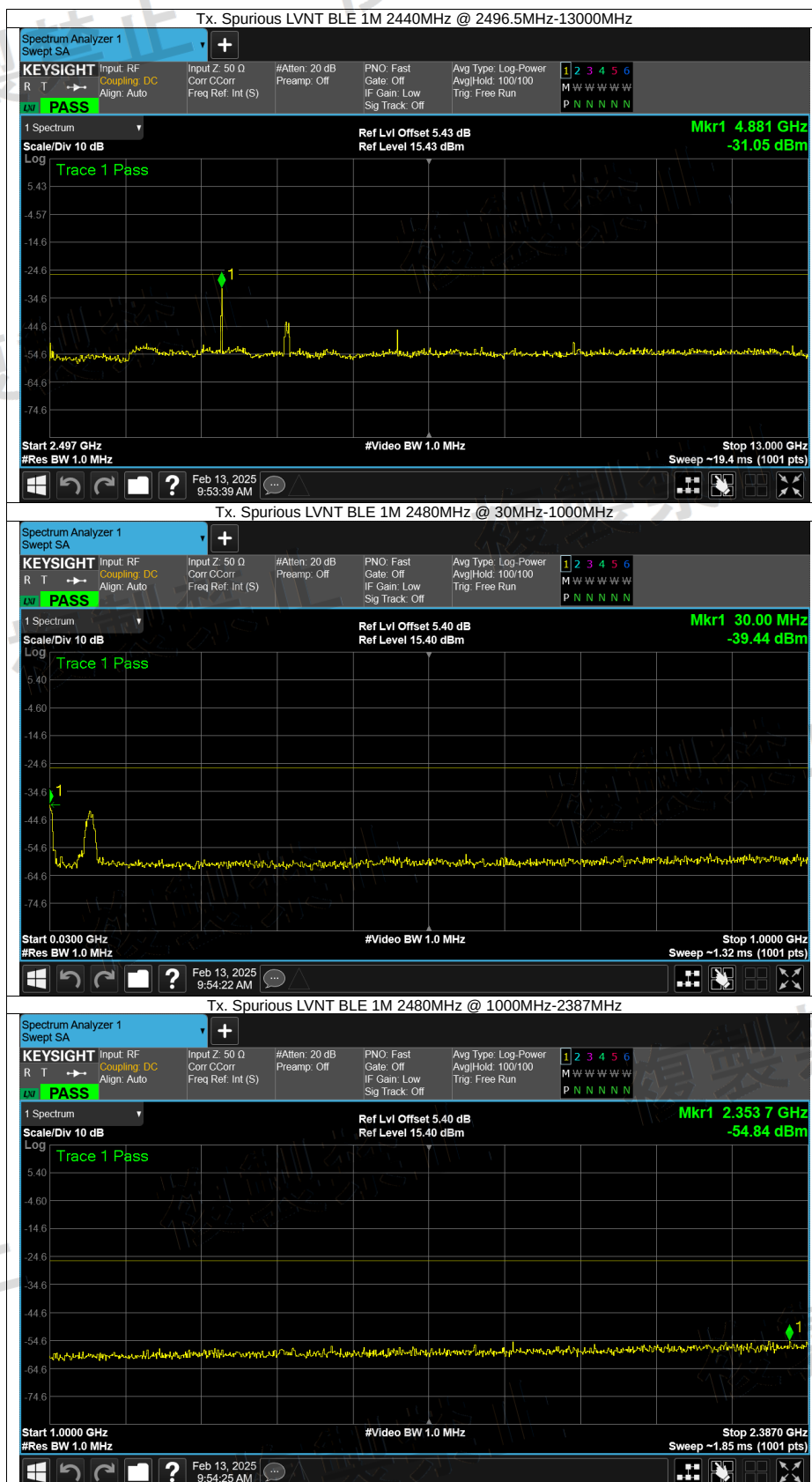


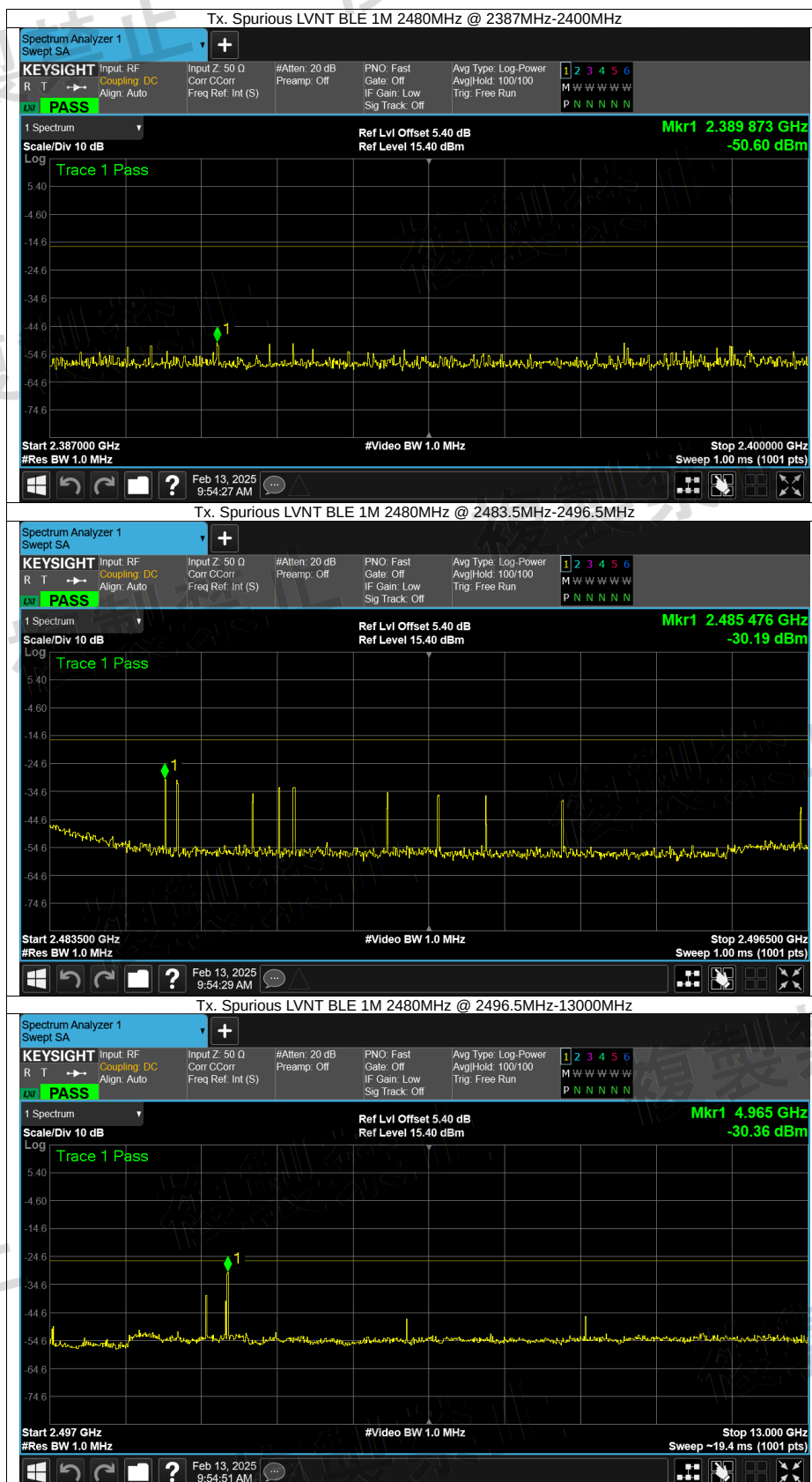








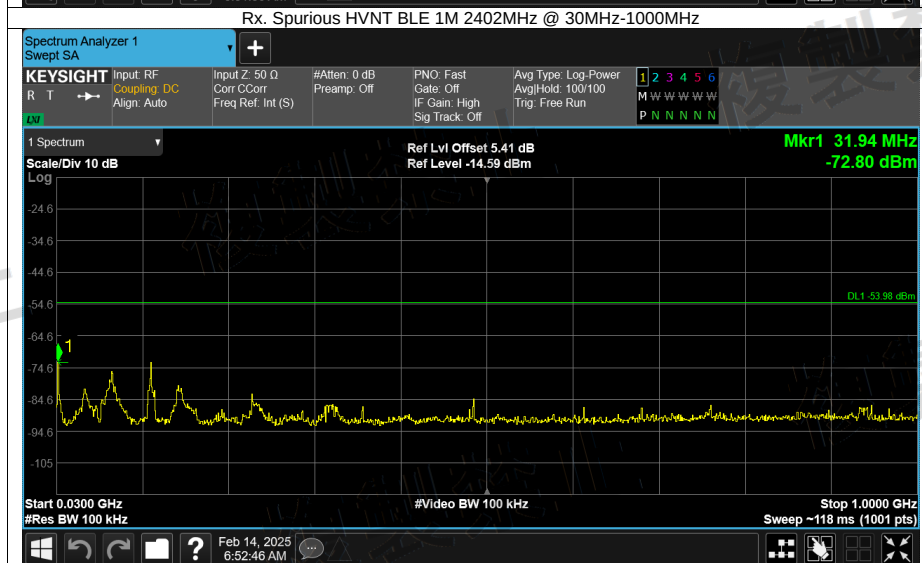
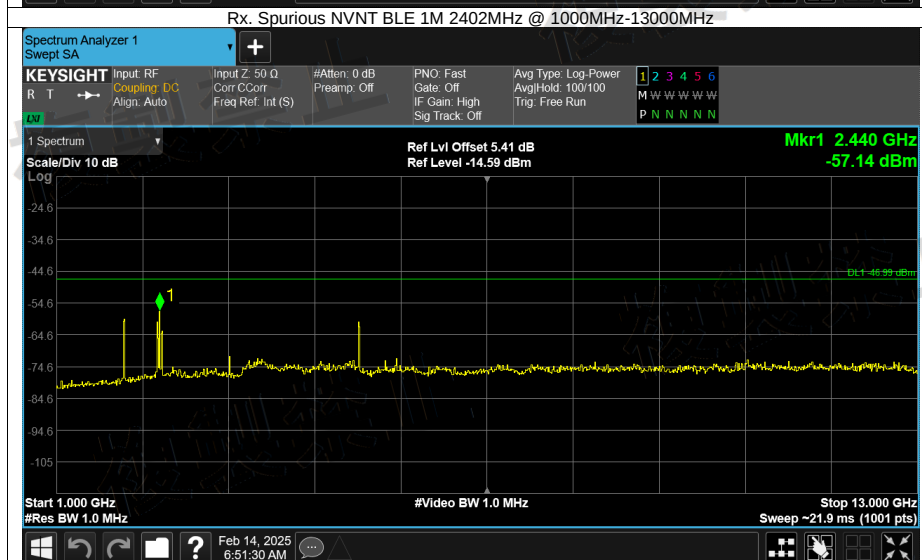
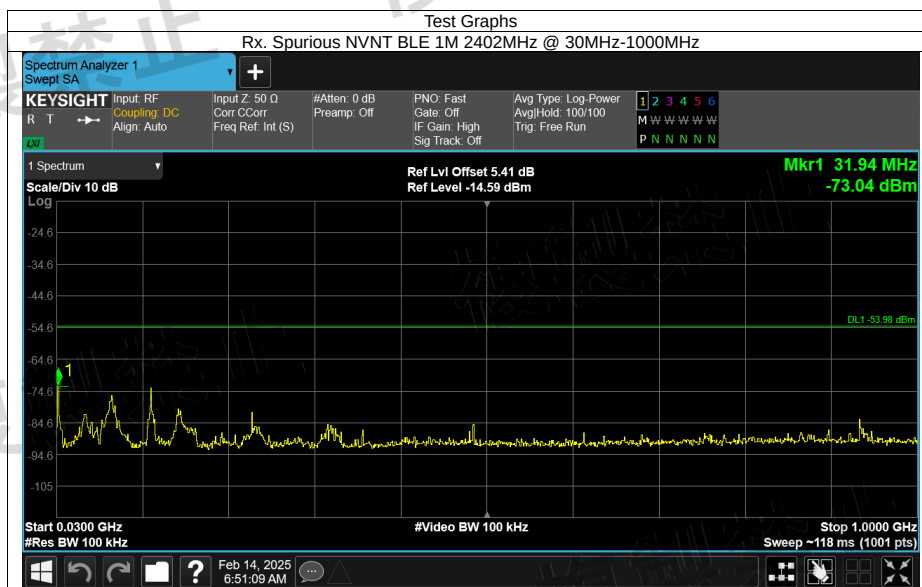


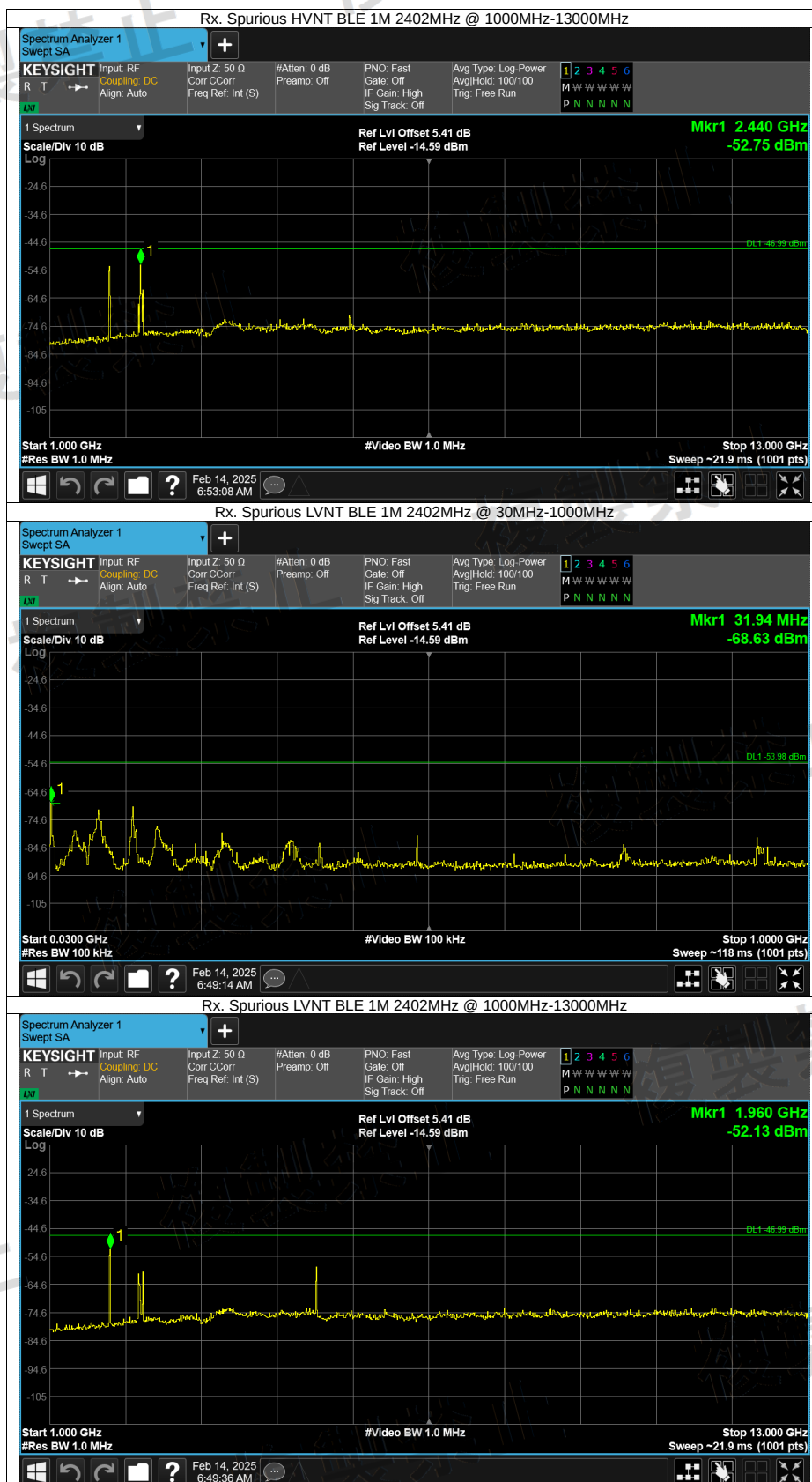




Rx Spurious Emission

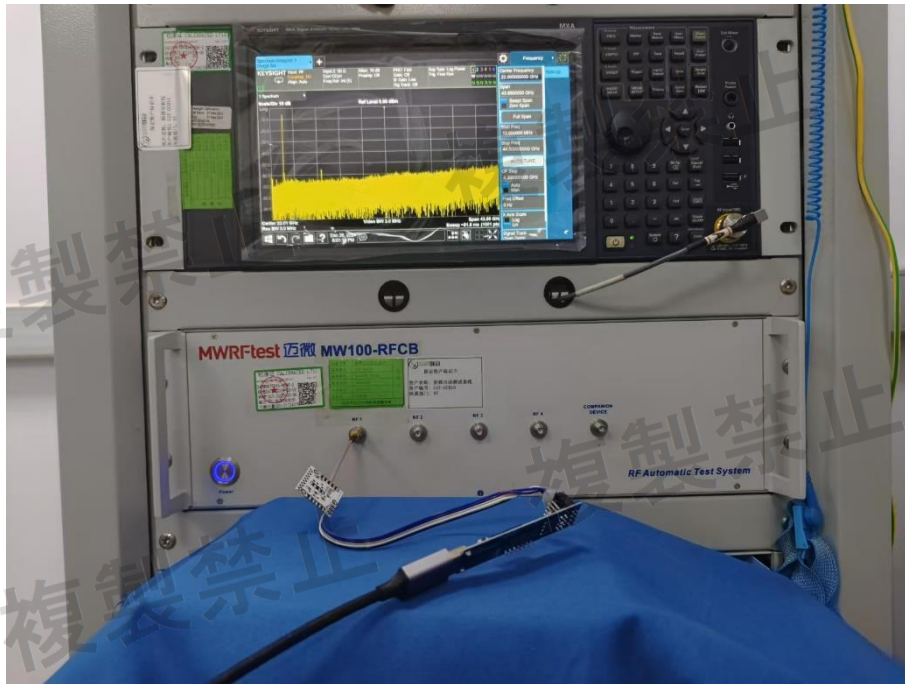
Condition	Mode	Frequency (MHz)	Range (MHz)	Emission Frequency (MHz)	Max Value (dBm/MHz)	Max Value (nW/MHz)	Limit (nW/MHz)	Verdict
NVNT	BLE 1M	2402	30-1000	31.94	-73.04	0.0497	4	Pass
NVNT	BLE 1M	2402	1000-13000	2440	-57.14	1.932	20	Pass
HVNT	BLE 1M	2402	30-1000	31.94	-72.8	0.0525	4	Pass
HVNT	BLE 1M	2402	1000-13000	2440	-52.75	5.3088	20	Pass
LVNT	BLE 1M	2402	30-1000	31.94	-68.63	0.1371	4	Pass
LVNT	BLE 1M	2402	1000-13000	1960	-52.13	6.1235	20	Pass







APPENDIX II - TEST SETUP PHOTOS





APPENDIX III - PHOTOGRAPHS OF EUT CONSTRUCTIONAL DETAILS

Note: Please see the attached TZ120_EUT Photos.

※※※※※END OF THE REPORT※※※※※