RF TEST REPORT

Product Name: Wireless Mechanical Keyboard

Model Number: Node100-LP-JIS

Issued For : Shenzhen NuPhy Technology Co., LTD

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

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: LGT26C064RF02

Sample Received Date: Mar. 09, 2026

Date of Test: Mar. 09, 2026 ~ Mar. 18, 2026

Date of Issue: Mar. 18, 2026

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TEST REPORT CERTIFICATION

Applicant:	Shenzhen NuPhy Technology Co., LTD
Address:	3820 Baoshan Times Building, Minqiang Community, Minzhi Street, Longhua District, Shenzhen, China
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:	Wireless Mechanical Keyboard
Trademark:	NuPhy
Model Number:	Node100-LP-JIS
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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SHENZHEN LGT TEST SERVICE CO., LTD. LGT 领冠检测

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Revision History

Rev.	Issue Date	Contents
00	Mar. 18, 2026	Initial Issue

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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, complicances with the requirement.

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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 ±U**, where expended uncertainty **U** is based on astandard 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	±0.71dB
2	Conducted emission	±2.80dB
3	Temperature	±0.5°C

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

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2. GENERAL INFORMATION

2.1 GENERAL DESCRIPTION OF THE EUT

Product Name:	Wireless Mechanical Keyboard
Test Model Number:	Node100-LP-JIS
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: Chip Antenna Antenna Gain(dBi): 3.06 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: DC 5V
Battery:	Capacity: 3000mAh Rated Voltage: 3.7V
Hardware Version:	V1.1
Software Version:	V1.0.4.6
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.

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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 selectedchannel see below:

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

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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	Power Class	Software For Testing
BLE_1M PHY	GFSK	Default	RFTest_0509_ble_hopping_boxed V1.0.4.6
BLE_2M PHY	GFSK	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)	5	5.5	4.5
RF Chip Input DC Power(V)	3.300	3.331	3.271
Voltage Variation (%)	/	0.94	-0.88

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.
During the measurement the environmental conditions：

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
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	2026-03-03	2027-03-02	(c)
Signal Analyzer	Keysight	N9020A	MY50530994	2026-03-02	2027-03-01	(c)
RF Automatic Test system	MW	MW100-RFCB	MW220324LG-33	2026-03-03	2027-03-02	(c)
MXG Vector Signal Generator	Keysight	N5182B	MY59100717	2026-03-03	2027-03-02	(c)
Temperature& Humidity test chamber	AISRY	LX-1000L	171200018	2025-07-30	2026-07-29	(c)
Attenuator	eastsheep	90db	N.A	2026-03-02	2027-03-01	(c)
Temperature & Humidity	JINGCHUANG	BT-3	N.A	2026-03-05	2027-03-04	(c)
Digital multimeter	MASTECH	MS8261	MBGBC83053	2025-07-30	2026-07-29	(c)
DC source	Keysight	E3634A	MY58036468	2026-03-05	2027-03-04	(c)

Remark:
(a) Calibration conducted by the National institute of Information and Communications Technology (NICT) inJapan (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 bythe 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 columnof 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	±50ppm

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	≦3mW/MHz (FH from 2400 – 2483.5 MHz) ≦10mW/MHz (OFDM,DS from2400~2483.5MHz,802.11b/g/n HT20) ≦5mW/MHz (OFDM,DS from2400~2483.5MHz,802.11n HT40) ≦10mW (Other from 2400~2483.5MHz)
Power Error	+20%

4.2 TEST PROCEDURE

1. EUT turn to test frequency channel and keep continuous transmiting.
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≦6.91dBm/MHz CCK/OFDM/DBPSK (2400~2483.5MHz) OFDM or DS other than (802.11b/g/n HT20) EIRP≦12.14 dBm/MHz OFDM or DS other than (802.11n HT40) EIRP≦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 BANDWITH 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	≦2.5 Mw/MHz (30MHz≦f≦1000MHz)
	≦2.5 μW/MHz (1000MHz<f≦2387MHz)
	≦25 μW/MHz (2387MHz<f≦2400MHz)
	≦25 μW/MHz (2483.5MHz≦f<2496.5MHz)
	≦2.5 μW/MHz (2496.5MHz≦f<12500MHz)

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 2.5μW.
4. Setting of SA is following as 1000MHz and stop frequency 2387MHz, then to mark peak reading value + cable loss shall be less than 2.5μW.
5. SA adjusted to start frequency 2387MHz and stop frequency 2400MHz, then to mark peak reading value + cable loss shall be less than 25μW.
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 25μW
7. SA adjusted to start frequency 2496.5MHz and stop frequency 12750MHz, then to mark peak reading value + cable loss shall be less than 2.5μW
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:	≦ 4nW (f<1GHz)
	≦ 20nW (1GHz≦ 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 < 1GHz, 2nW for f >= 1GHz), 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

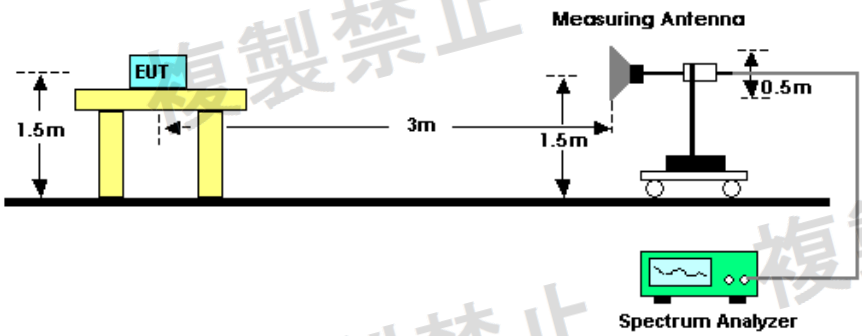
Item	Limits
3dB antenna beam width	e ≦ 360/A (The A is 10 in maximum) A = {EIRP Power [mW/MHz] /{2.14dBi+output power(10mW /MHz, 3mW/MHz)} Shall be 1 when A is lower than 1

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 receving signal position.
3. Rotate directions of the EUT horizontally and ertically to find the maximum receiving power.
4. Move the measuring antenna height up and down within ± 50cm of EUT height and swing it to find the maximum output of measuing antenna. “E” is the half-power beam width (angle between two points at which radiated power becomes 1/2).
5. Caluate 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 ≦ 360/A (The A is 10 in maximum)
   A = {EIRP Power [mW/MHz] /{2.14dBi+output power(10mWMHz, 3mW/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

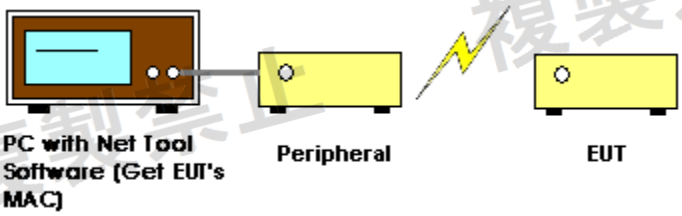
10.2 MEASURING ID CODE SOFTWARE

Item	Limits
MAC IP List	MAC Scan

10.3 TEST PROCEDURES

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

The MAC address is FD:00:5E:0D:51:5D.

11. CARRIER SENSE CAPABILITY

11.1 INTERFERENCE PREVENTION FUNCTION

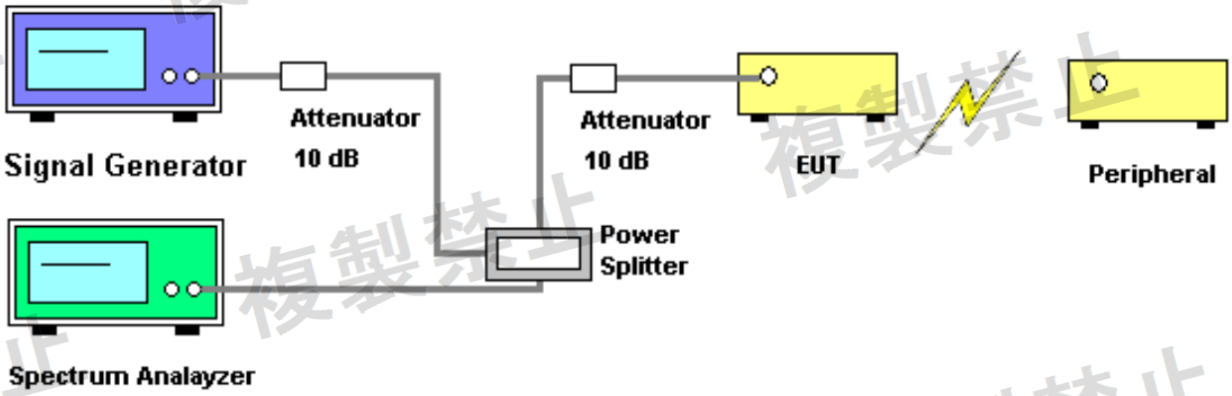
11.2 TEST REQUIREMENT

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*log(f)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	2401.977	-23000	-9.58	±50	Pass
NVNT	2440	2439.976	-24000	-9.84	±50	Pass
NVNT	2480	2479.976	-24000	-9.68	±50	Pass

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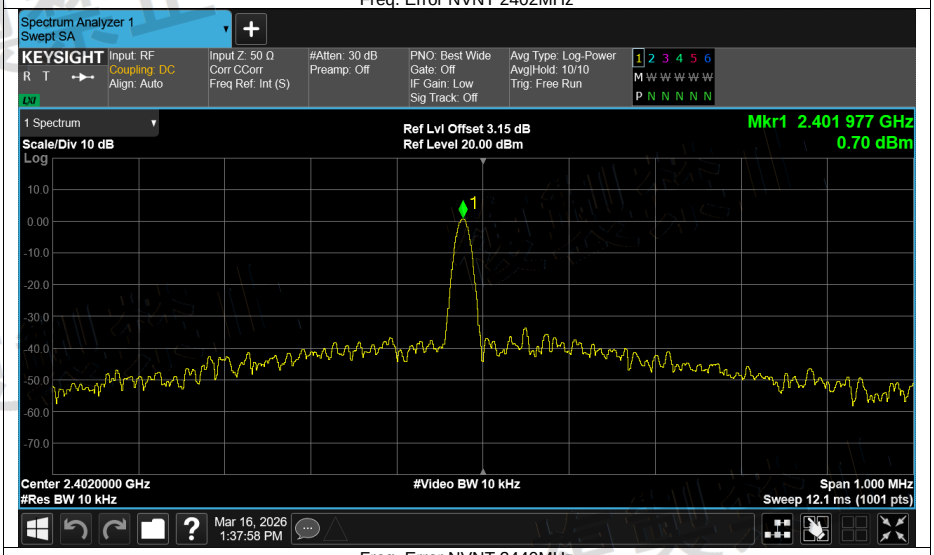
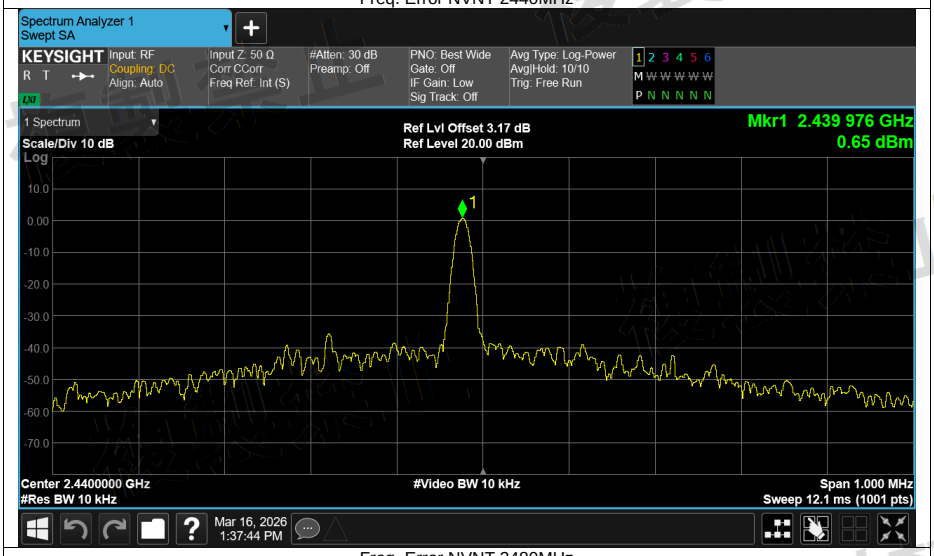
Test Graphs

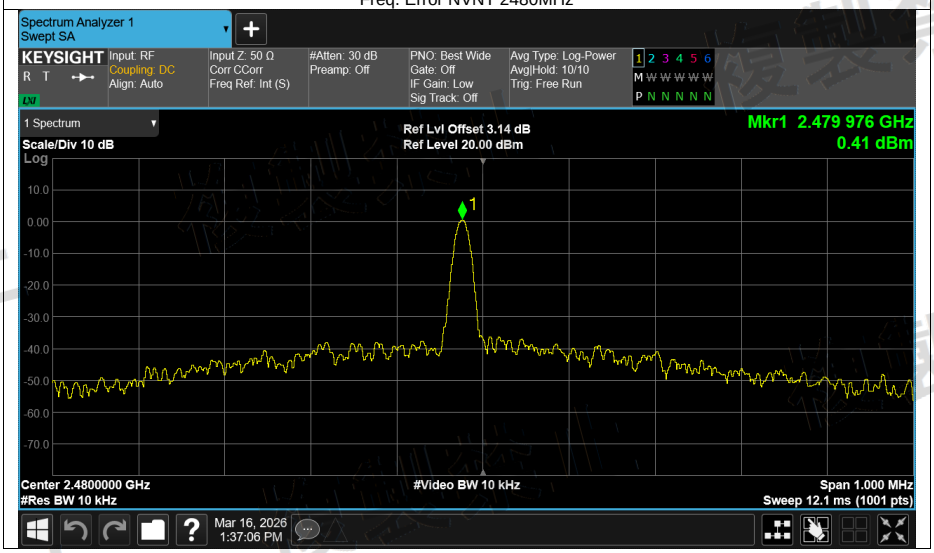
Freq. Error NVNT 2402MHz



Freq. Error NVNT 2440MHz



Freq. Error NVNT 2480MHz



Antenna Power

Condition	Mode	Frequency (MHz)	Power (dBm)	Antenna Power (mW)	Limit (mW	Declared Power (mW)	Tolerance (%)	Upper Limit (%)	Verdict
NVNT	BLE 1M	2402	0.72	1.18	10	1	18	20	Pass
NVNT	BLE 1M	2440	0.68	1.169	10	1	16.9	20	Pass
NVNT	BLE 1M	2480	0.47	1.114	10	1	11.4	20	Pass
NVNT	BLE 2M	2402	0.72	1.18	10	1	18	20	Pass
NVNT	BLE 2M	2440	0.67	1.167	10	1	16.7	20	Pass
NVNT	BLE 2M	2480	0.45	1.109	10	1	10.9	20	Pass

複製禁止

EIRP Power

Condition	Mode	Frequency (MHz)	Antenna Power (dBm)	Gain (dBi)	EIRP Power (dBm)	Limit (dBm)	Verdict
NVNT	BLE 1M	2402	0.72	3.06	3.78	12.14	Pass
NVNT	BLE 1M	2440	0.68	3.06	3.74	12.14	Pass
NVNT	BLE 1M	2480	0.47	3.06	3.53	12.14	Pass
NVNT	BLE 2M	2402	0.72	3.06	3.78	12.14	Pass
NVNT	BLE 2M	2440	0.67	3.06	3.73	12.14	Pass
NVNT	BLE 2M	2480	0.45	3.06	3.51	12.14	Pass

複製禁止

Occupied Channel Bandwidth

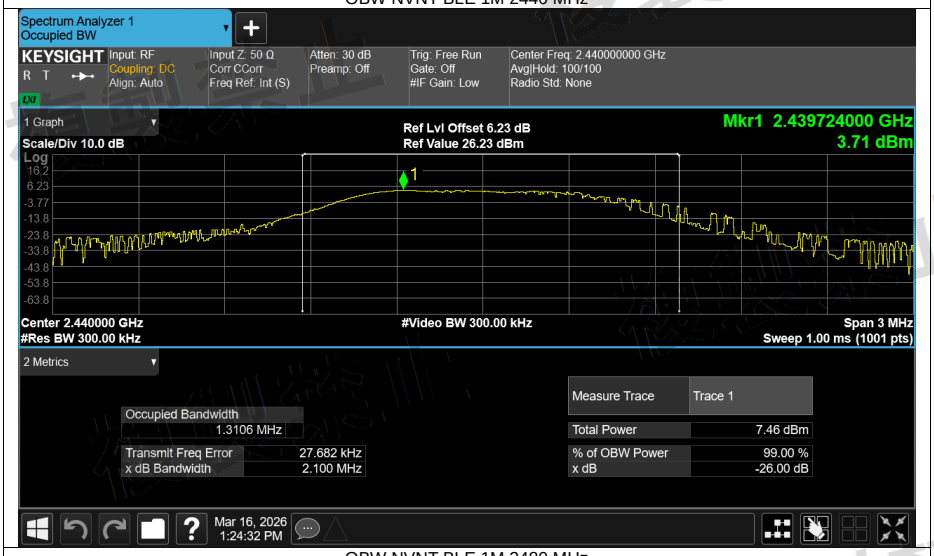
Condition	Mode	Frequency (MHz)	99% OBW (MHz)
NVNT	BLE 1M	2402	1.384
NVNT	BLE 1M	2440	1.311
NVNT	BLE 1M	2480	1.36
NVNT	BLE 2M	2402	2.105
NVNT	BLE 2M	2440	2.123
NVNT	BLE 2M	2480	2.072

複製禁止

Test Graphs

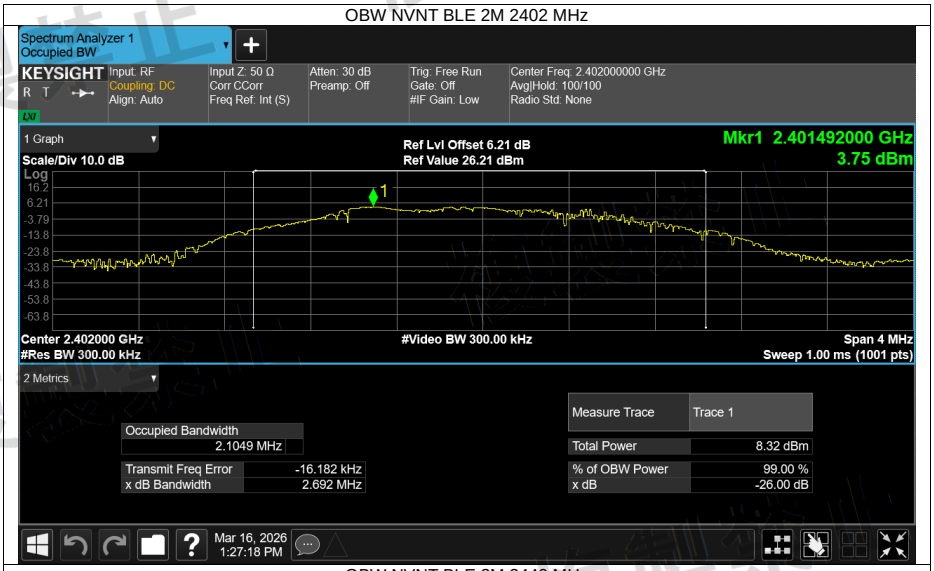
OBW NVNT BLE 1M 2402 MHz

OBW NVNT BLE 1M 2440 MHz

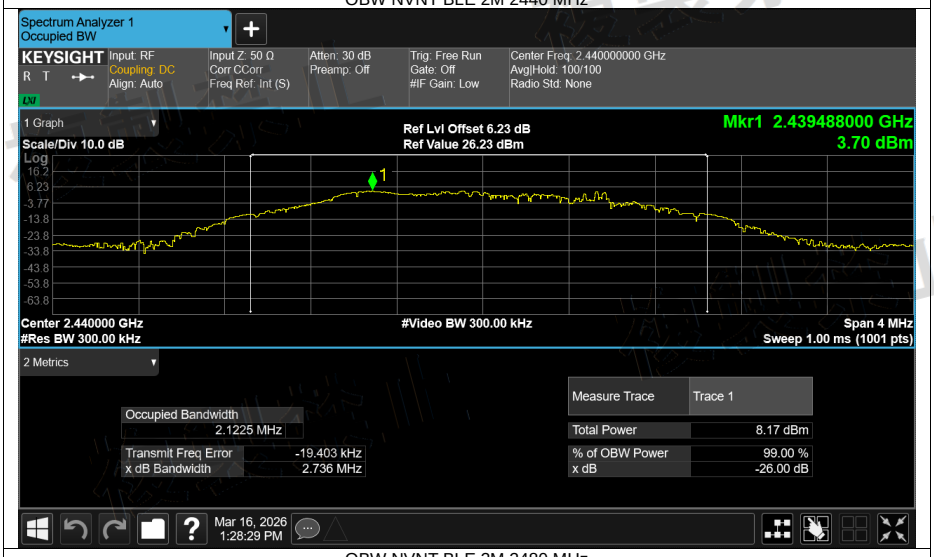


OBW NVNT BLE 1M 2480 MHz

OBW NVNT BLE 2M 2402 MHz



OBW NVNT BLE 2M 2440 MHz



OBW NVNT BLE 2M 2480 MHz

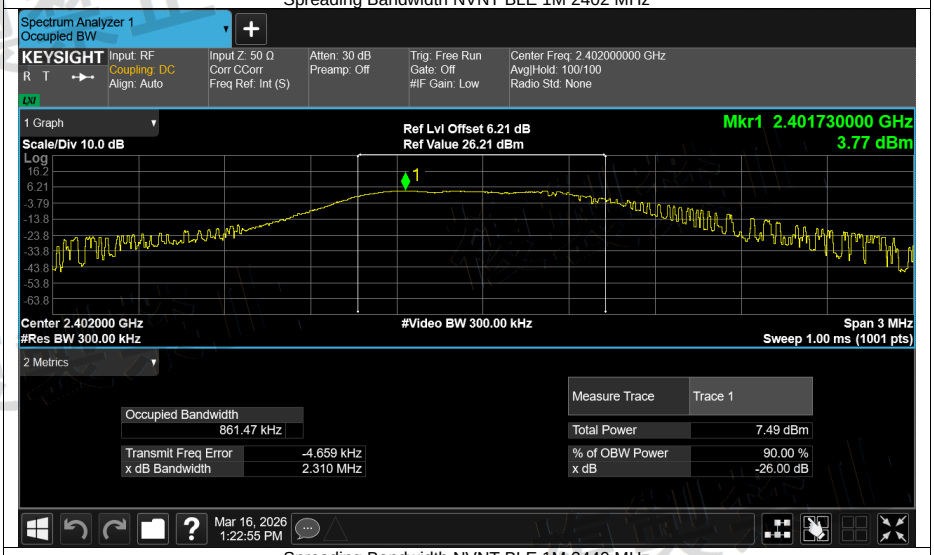
Spreading Bandwidth

Condition	Mode	Frequency (MHz)	90% OBW (MHz)	Limit (MHz)	Verdict
NVNT	BLE 1M	2402	0.861	0.5	Pass
NVNT	BLE 1M	2440	0.846	0.5	Pass
NVNT	BLE 1M	2480	0.856	0.5	Pass
NVNT	BLE 2M	2402	1.311	0.5	Pass
NVNT	BLE 2M	2440	1.315	0.5	Pass
NVNT	BLE 2M	2480	1.326	0.5	Pass

複製禁止

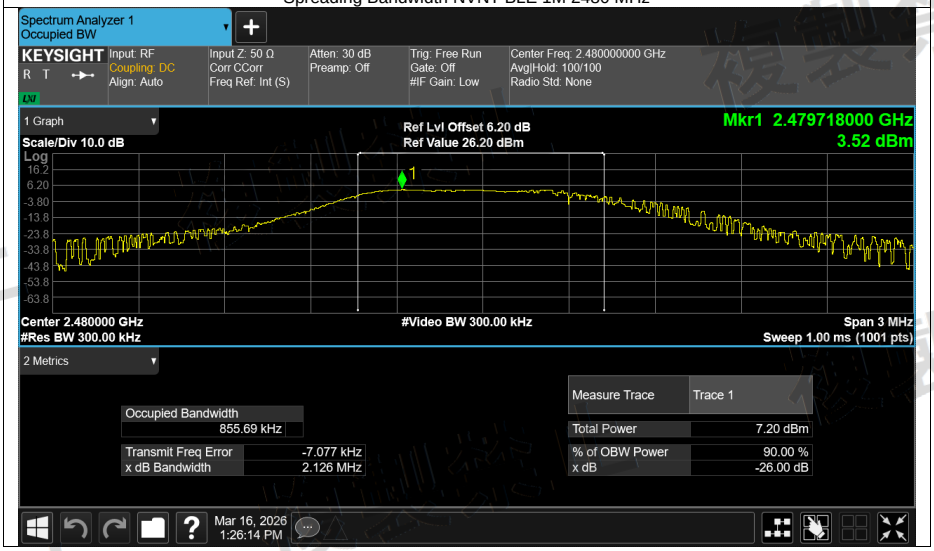
Test Graphs

Spreading Bandwidth NVNT BLE 1M 2402 MHz

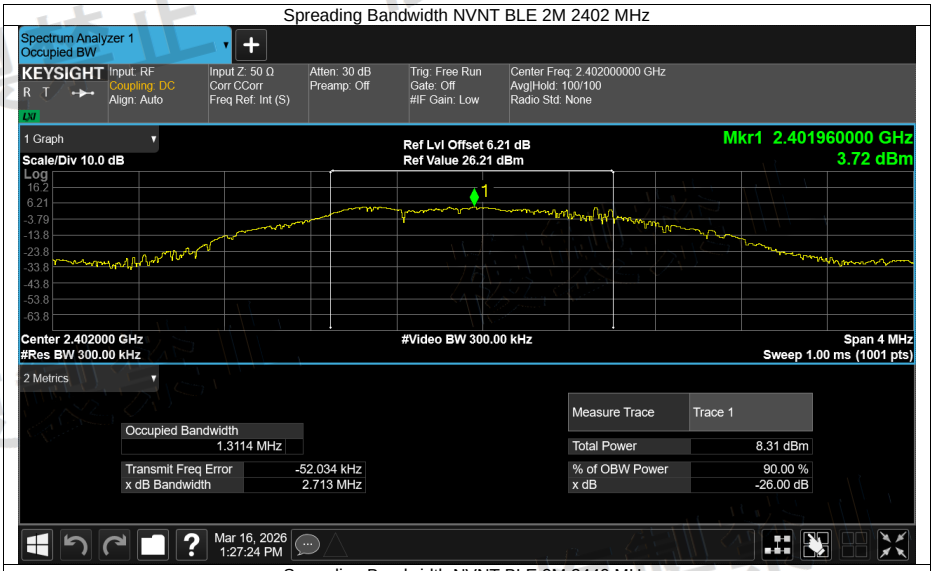


Spreading Bandwidth NVNT BLE 1M 2440 MHz

Spreading Bandwidth NVNT BLE 1M 2480 MHz

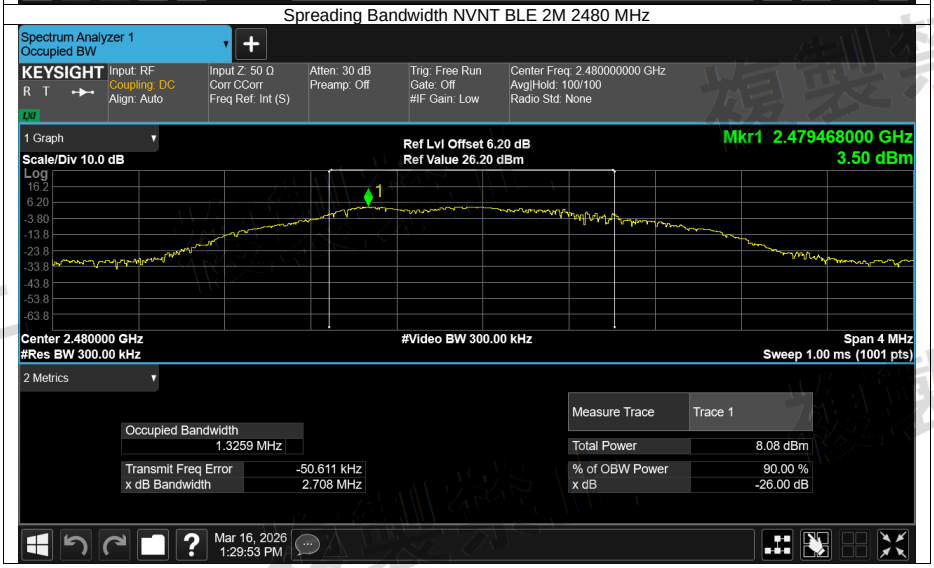


Spreading Bandwidth NVNT BLE 2M 2402 MHz



Spreading Bandwidth NVNT BLE 2M 2440 MHz

Spreading Bandwidth NVNT BLE 2M 2480 MHz



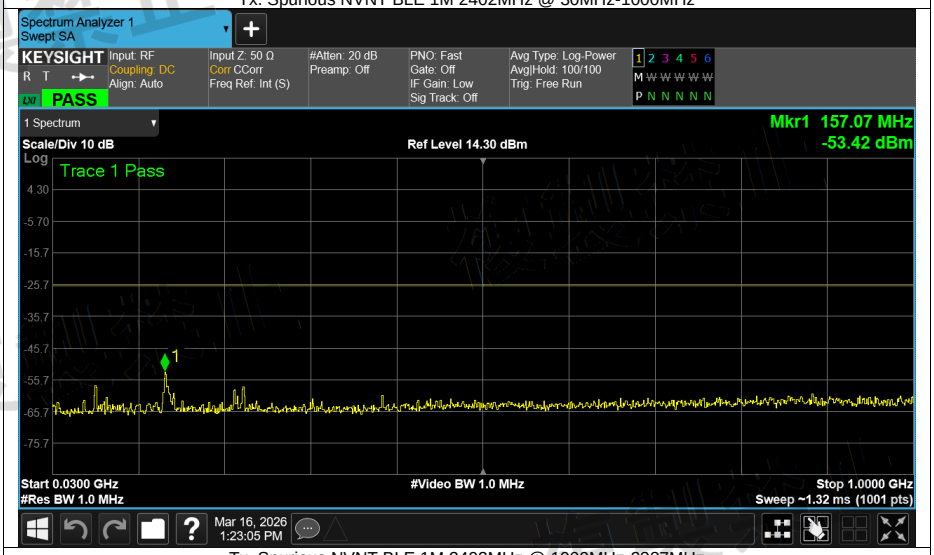
Tx Spurious Emission

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	-53.41	NA	0.0046	NA	2.5	2.5	Pass
NVNT	BLE 1M	2402	1000-2387	2387.00	-34.87	NA	0.3258	NA	2.5	2.5	Pass
NVNT	BLE 1M	2402	2387-2400	2399.77	-24.97	NA	3.1842	NA	25	25	Pass
NVNT	BLE 1M	2402	2483.5-2496.5	2496.17	-55.50	NA	0.0028	NA	25	25	Pass
NVNT	BLE 1M	2402	2496.5-13000	7202.07	-30.31	NA	0.9311	NA	2.5	2.5	Pass
NVNT	BLE 1M	2440	30-1000	157.07	-52.88	NA	0.0052	NA	2.5	2.5	Pass
NVNT	BLE 1M	2440	1000-2387	2375.90	-50.89	NA	0.0081	NA	2.5	2.5	Pass
NVNT	BLE 1M	2440	2387-2400	2391.82	-44.60	NA	0.0347	NA	25	25	Pass
NVNT	BLE 1M	2440	2483.5-2496.5	2488.32	-48.32	NA	0.0147	NA	25	25	Pass
NVNT	BLE 1M	2440	2496.5-13000	7317.61	-31.13	NA	0.7709	NA	2.5	2.5	Pass
NVNT	BLE 1M	2480	30-1000	157.07	-52.60	NA	0.0055	NA	2.5	2.5	Pass
NVNT	BLE 1M	2480	1000-2387	2384.23	-53.08	NA	0.0049	NA	2.5	2.5	Pass
NVNT	BLE 1M	2480	2387-2400	2399.48	-48.88	NA	0.0129	NA	25	25	Pass
NVNT	BLE 1M	2480	2483.5-2496.5	2483.71	-34.39	NA	0.3639	NA	25	25	Pass
NVNT	BLE 1M	2480	2496.5-13000	7443.65	-31.48	NA	0.7112	NA	2.5	2.5	Pass
NVNT	BLE 2M	2402	30-1000	157.07	-52.31	NA	0.0059	NA	2.5	2.5	Pass
NVNT	BLE 2M	2402	1000-2387	2387.00	-36.02	NA	0.25	NA	2.5	2.5	Pass
NVNT	BLE 2M	2402	2387-2400	2400.00	-22.45	NA	5.6885	NA	25	25	Pass
NVNT	BLE 2M	2402	2483.5-2496.5	2496.36	-56.29	NA	0.0023	NA	25	25	Pass
NVNT	BLE 2M	2402	2496.5-13000	7202.07	-30.30	NA	0.9333	NA	2.5	2.5	Pass
NVNT	BLE 2M	2440	30-1000	157.07	-52.35	NA	0.0058	NA	2.5	2.5	Pass
NVNT	BLE 2M	2440	1000-2387	2377.29	-50.18	NA	0.0096	NA	2.5	2.5	Pass
NVNT	BLE 2M	2440	2387-2400	2391.98	-44.43	NA	0.0361	NA	25	25	Pass
NVNT	BLE 2M	2440	2483.5-2496.5	2488.01	-48.59	NA	0.0138	NA	25	25	Pass
NVNT	BLE 2M	2440	2496.5-13000	7317.61	-32.00	NA	0.631	NA	2.5	2.5	Pass
NVNT	BLE 2M	2480	30-1000	157.07	-52.60	NA	0.0055	NA	2.5	2.5	Pass
NVNT	BLE 2M	2480	1000-2387	2367.58	-53.41	NA	0.0046	NA	2.5	2.5	Pass
NVNT	BLE 2M	2480	2387-2400	2399.91	-48.00	NA	0.0158	NA	25	25	Pass
NVNT	BLE 2M	2480	2483.5-2496.5	2483.64	-34.56	NA	0.3499	NA	25	25	Pass
NVNT	BLE 2M	2480	2496.5-13000	7443.65	-31.74	NA	0.6699	NA	2.5	2.5	Pass

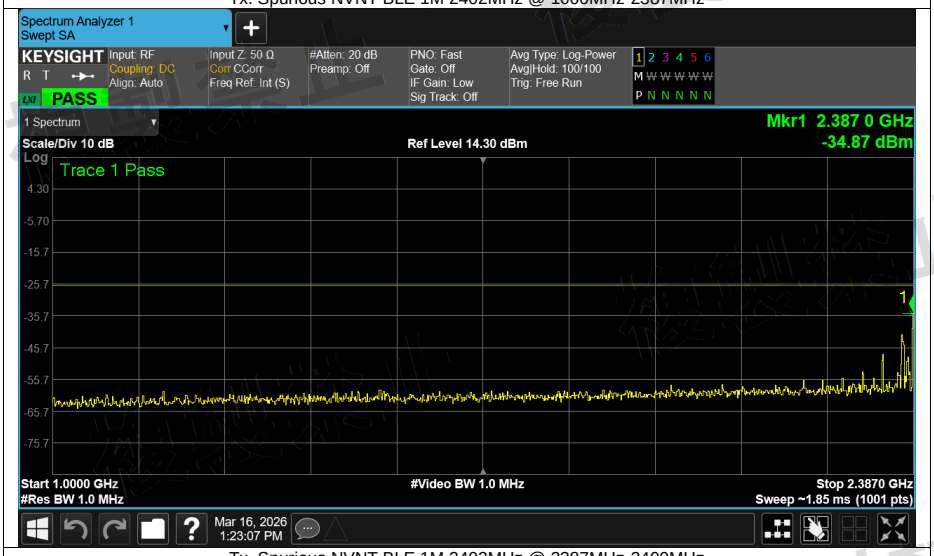
複製禁止

Test Graphs

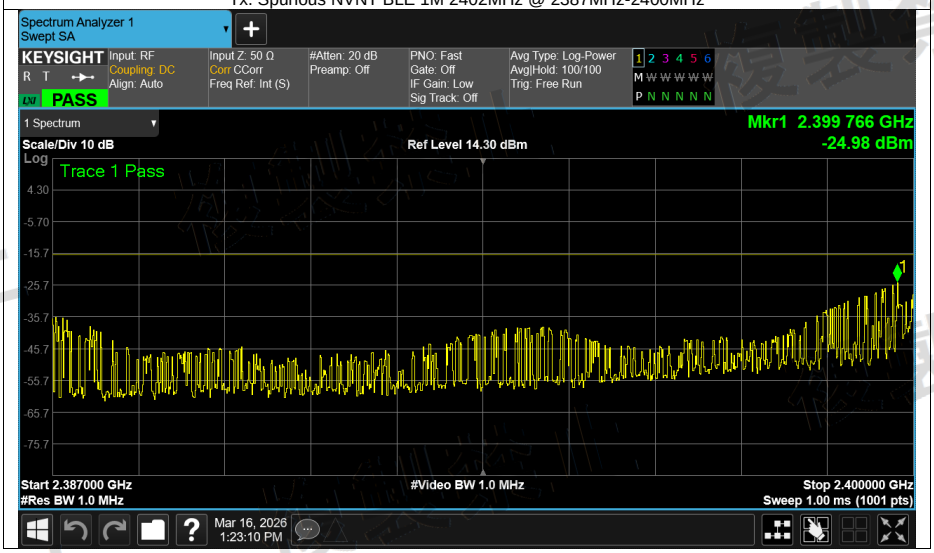
Tx. Spurious NVNT BLE 1M 2402MHz @ 30MHz-1000MHz



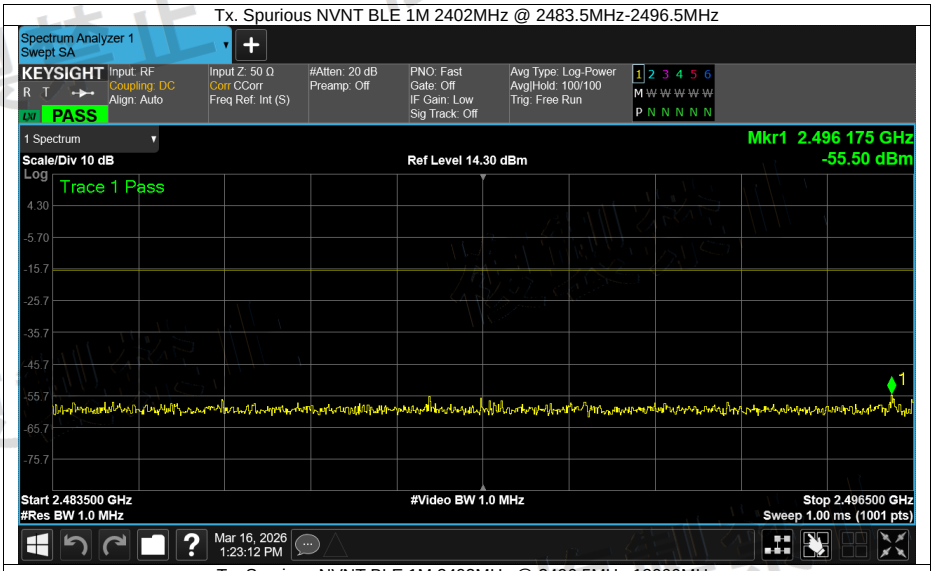
Tx. Spurious NVNT BLE 1M 2402MHz @ 1000MHz-2387MHz



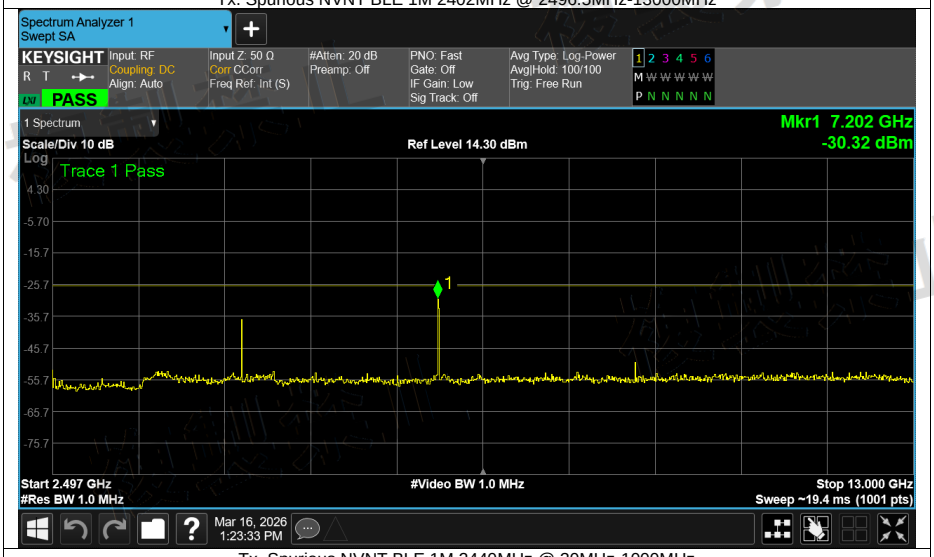
Tx. Spurious NVNT BLE 1M 2402MHz @ 2387MHz-2400MHz



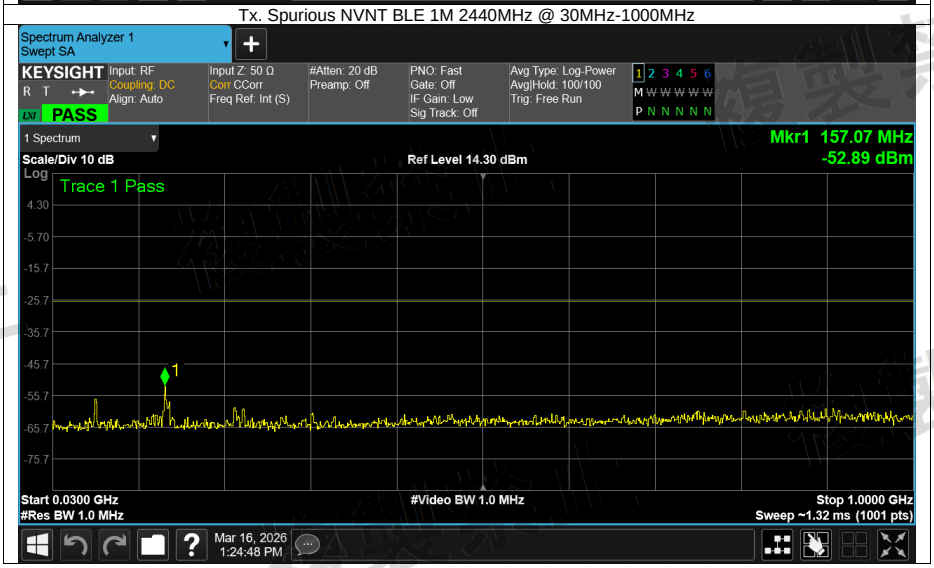
Tx. Spurious NVNT BLE 1M 2402MHz @ 2483.5MHz-2496.5MHz



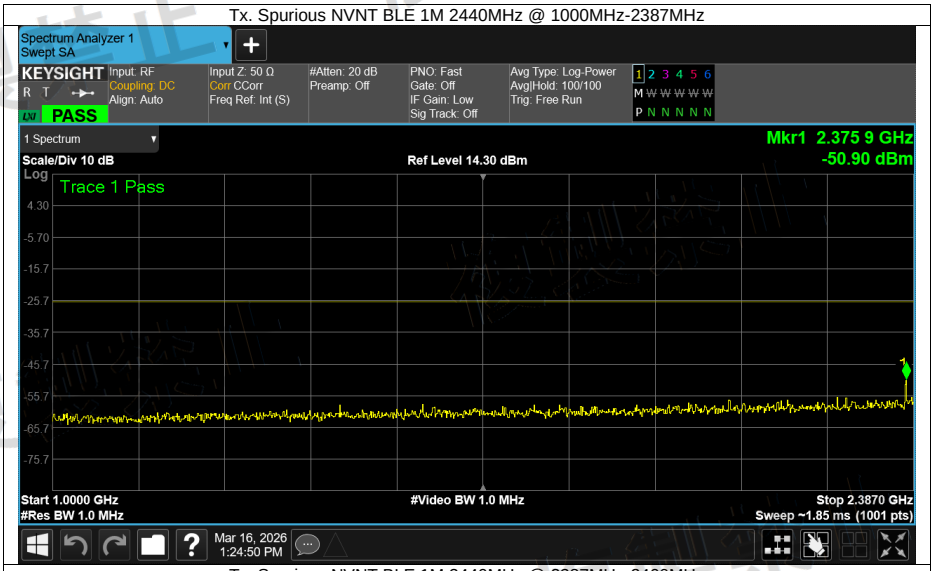
Tx. Spurious NVNT BLE 1M 2402MHz @ 2496.5MHz-13000MHz



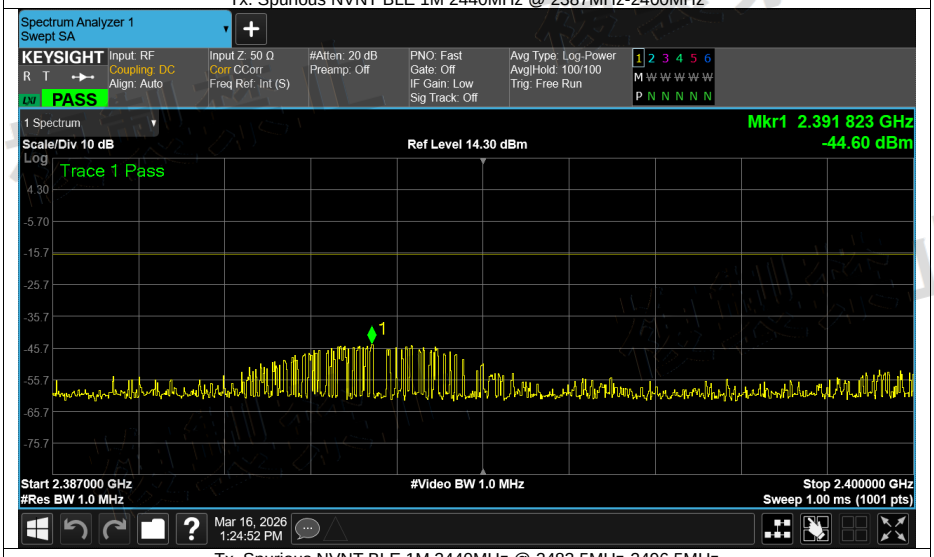
Tx. Spurious NVNT BLE 1M 2440MHz @ 30MHz-1000MHz



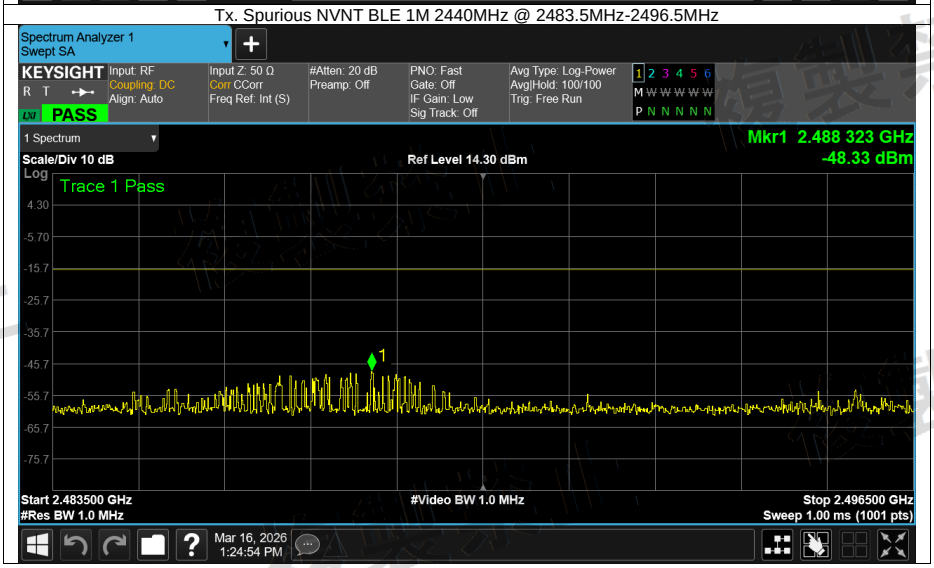
Tx. Spurious NVNT BLE 1M 2440MHz @ 1000MHz-2387MHz



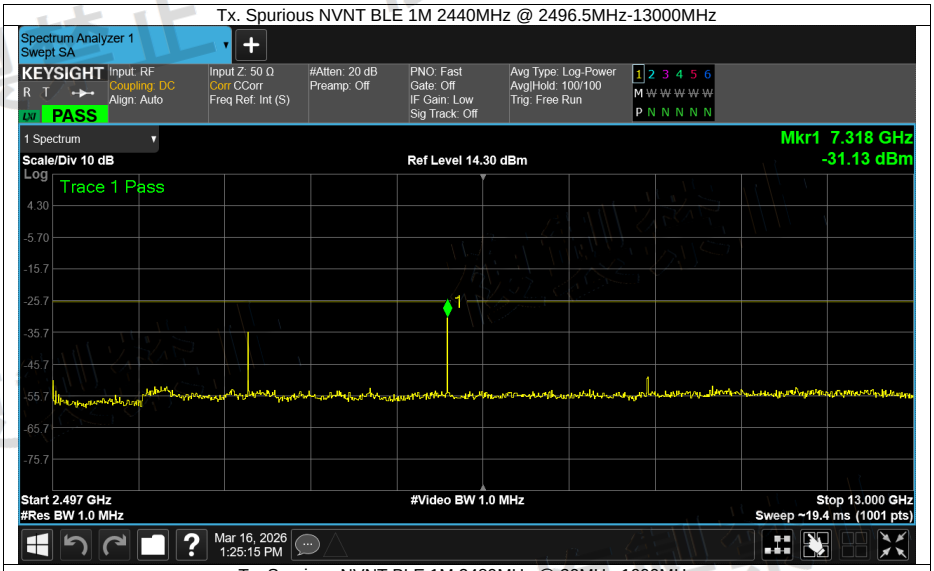
Tx. Spurious NVNT BLE 1M 2440MHz @ 2387MHz-2400MHz



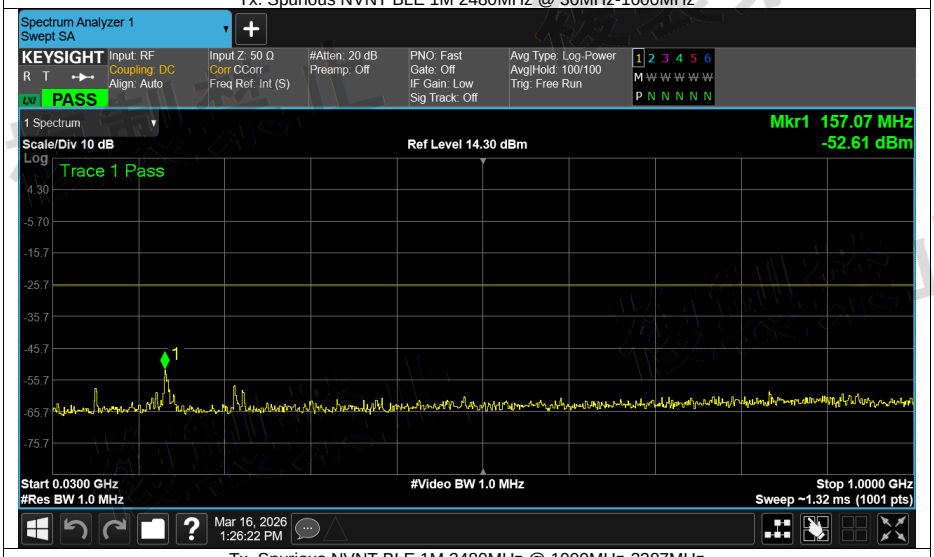
Tx. Spurious NVNT BLE 1M 2440MHz @ 2483.5MHz-2496.5MHz



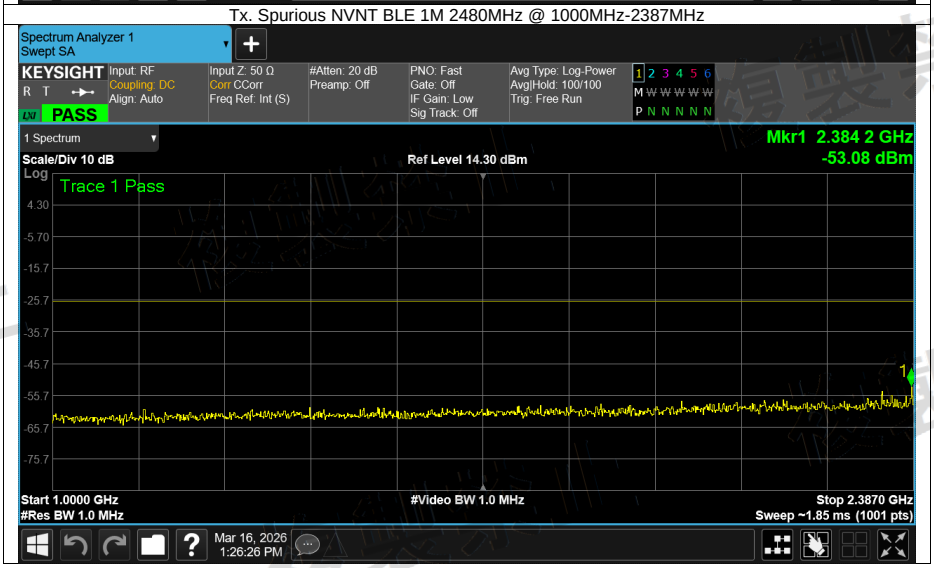
Tx. Spurious NVNT BLE 1M 2440MHz @ 2496.5MHz-13000MHz



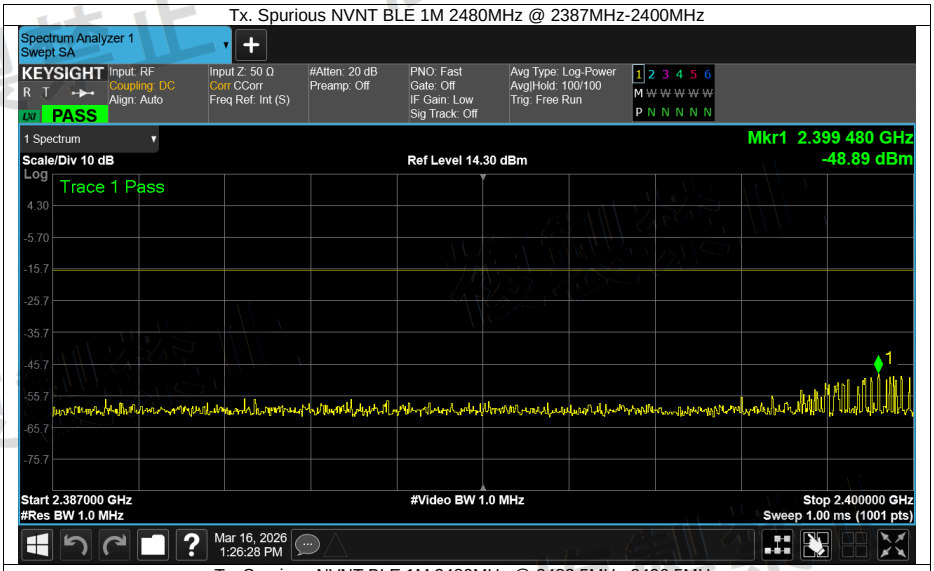
Tx. Spurious NVNT BLE 1M 2480MHz @ 30MHz-1000MHz



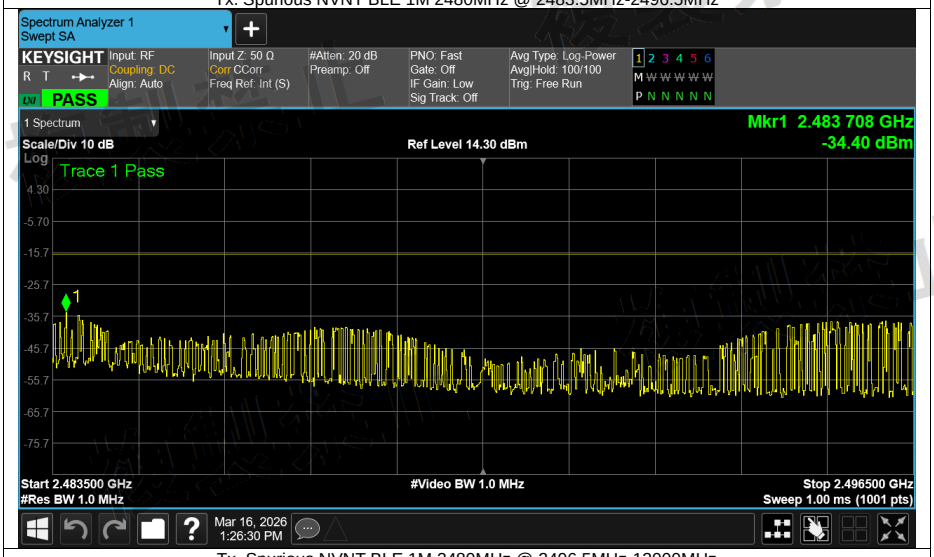
Tx. Spurious NVNT BLE 1M 2480MHz @ 1000MHz-2387MHz



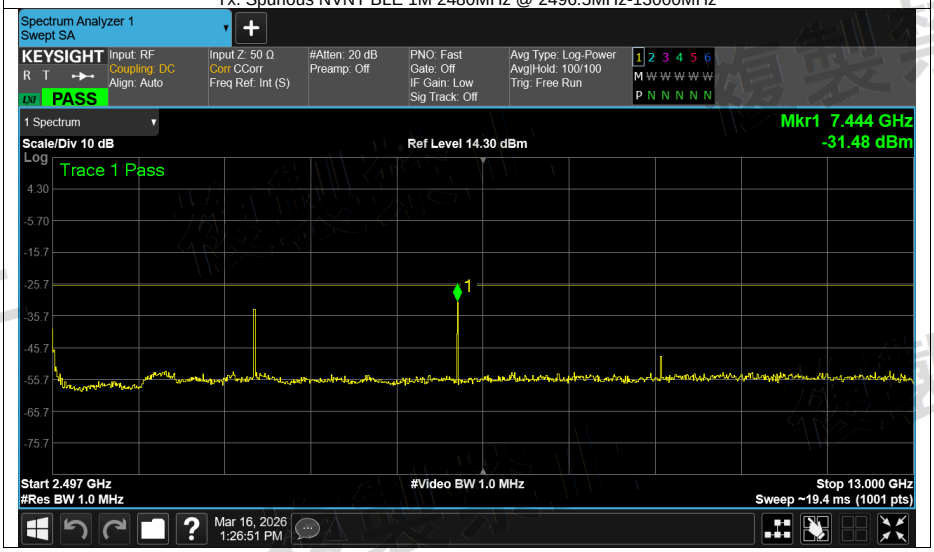
Tx. Spurious NVNT BLE 1M 2480MHz @ 2387MHz-2400MHz



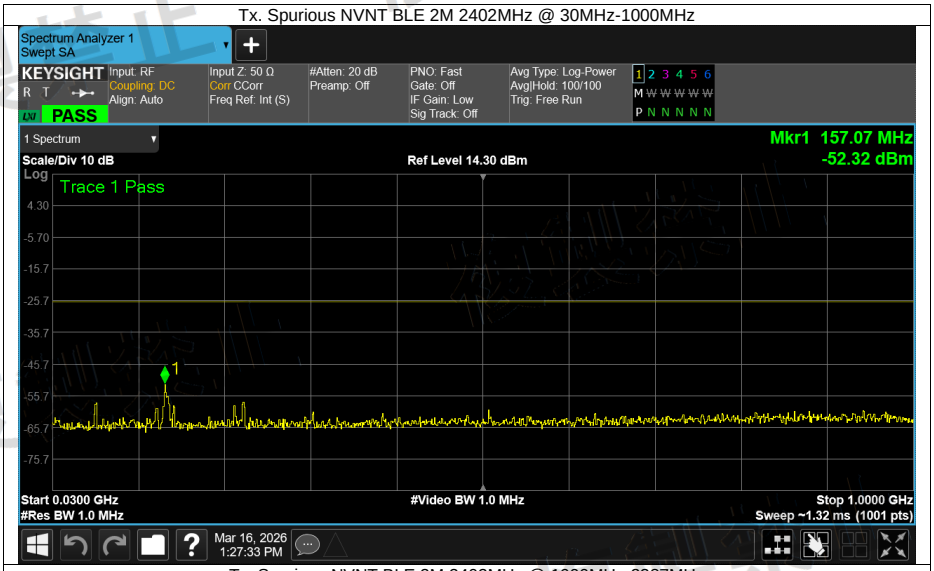
Tx. Spurious NVNT BLE 1M 2480MHz @ 2483.5MHz-2496.5MHz



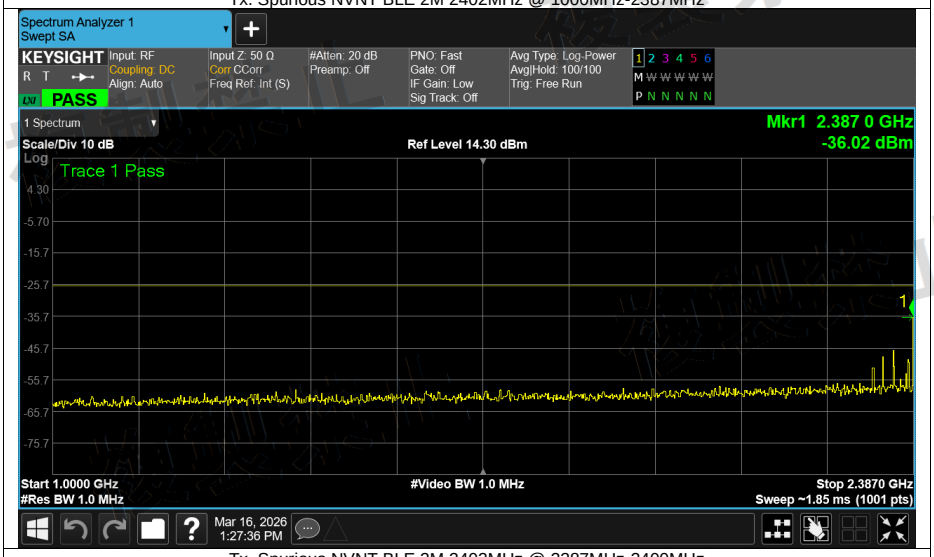
Tx. Spurious NVNT BLE 1M 2480MHz @ 2496.5MHz-13000MHz



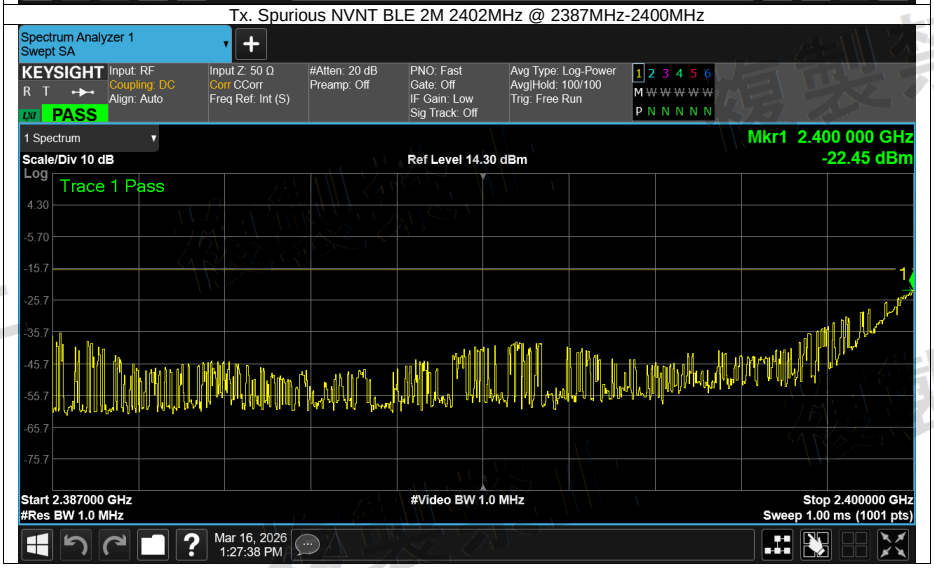
Tx. Spurious NVNT BLE 2M 2402MHz @ 30MHz-1000MHz



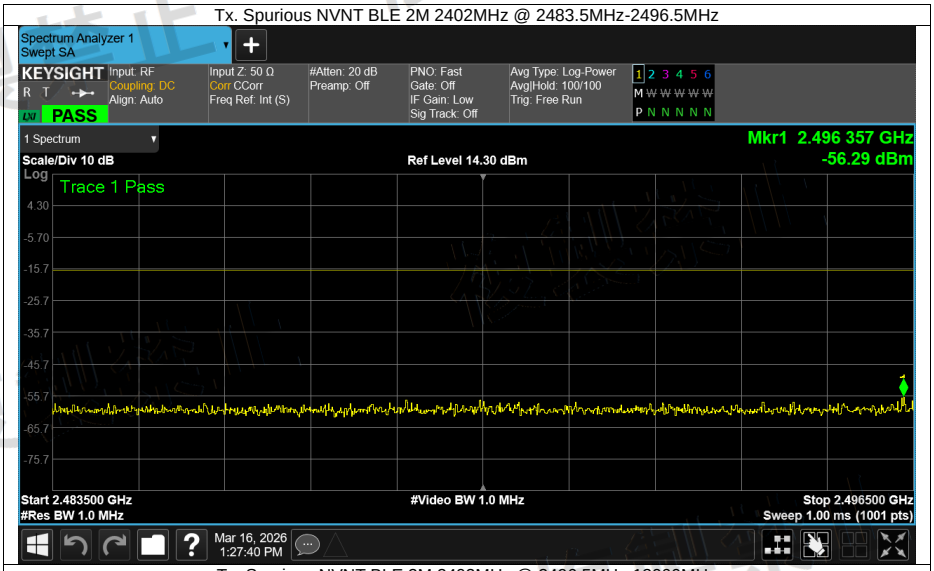
Tx. Spurious NVNT BLE 2M 2402MHz @ 1000MHz-2387MHz



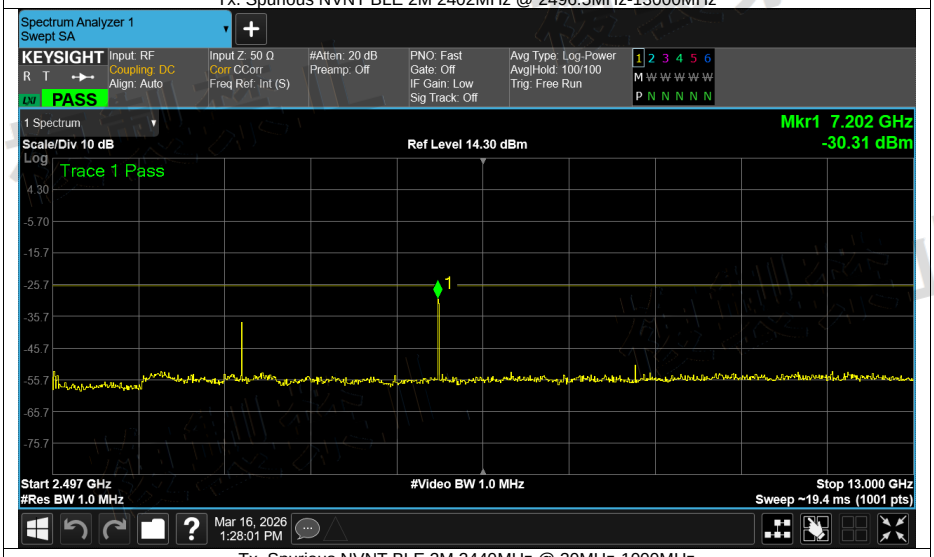
Tx. Spurious NVNT BLE 2M 2402MHz @ 2387MHz-2400MHz



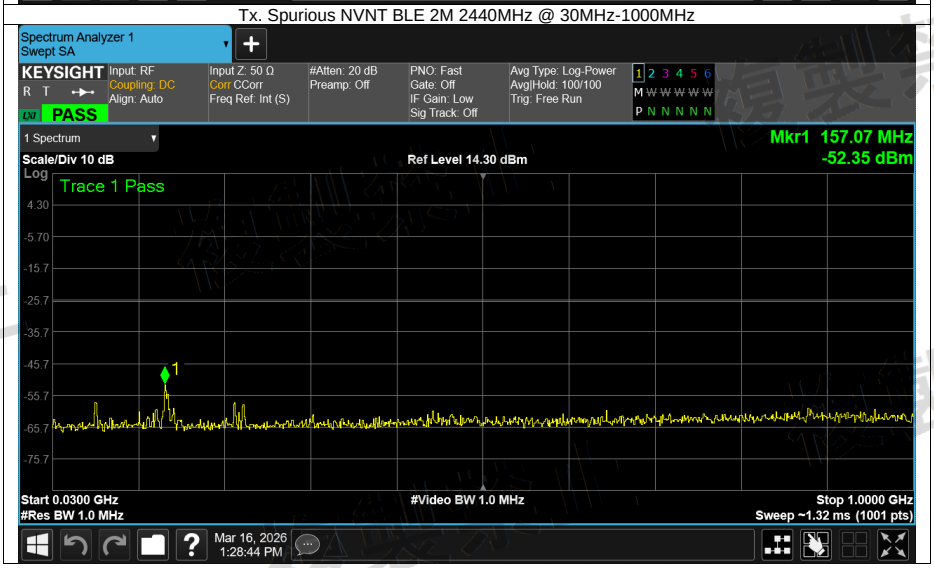
Tx. Spurious NVNT BLE 2M 2402MHz @ 2483.5MHz-2496.5MHz



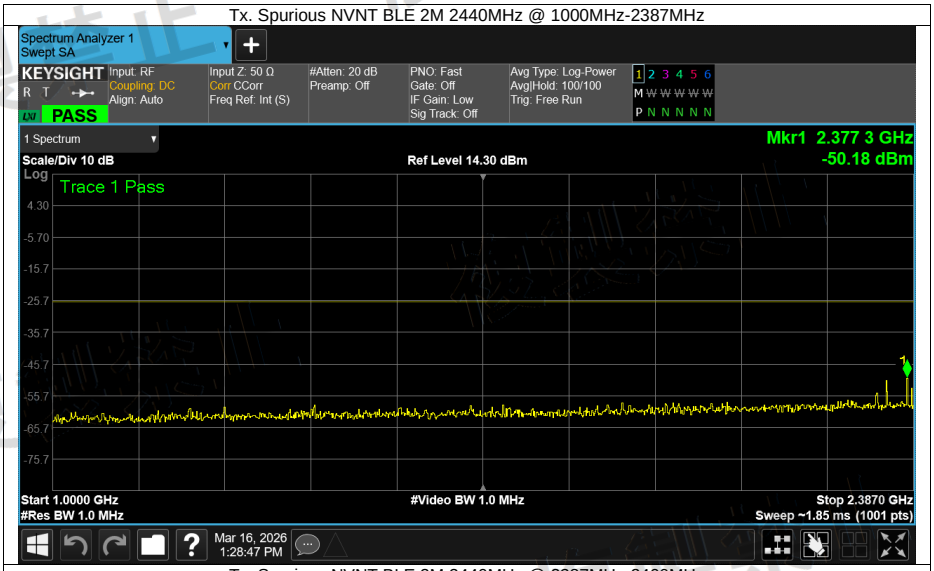
Tx. Spurious NVNT BLE 2M 2402MHz @ 2496.5MHz-13000MHz



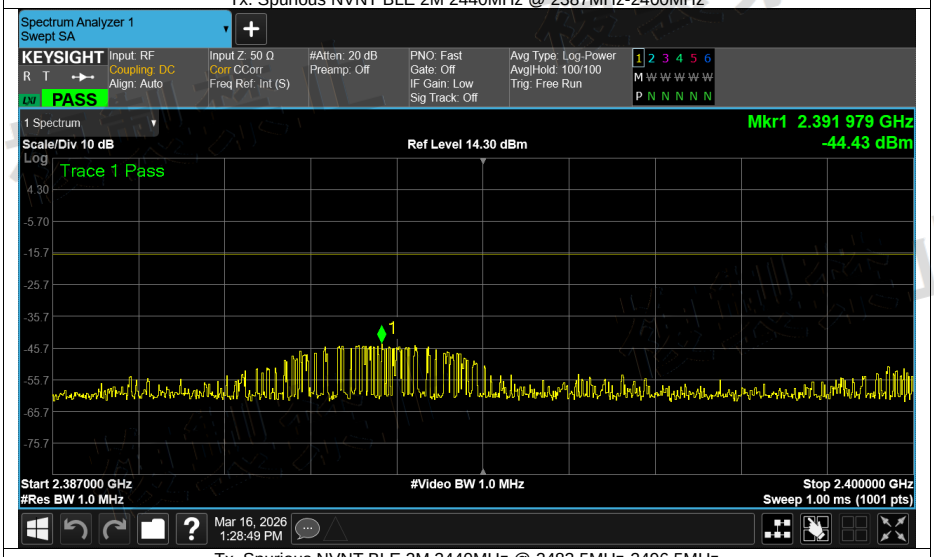
Tx. Spurious NVNT BLE 2M 2440MHz @ 30MHz-1000MHz



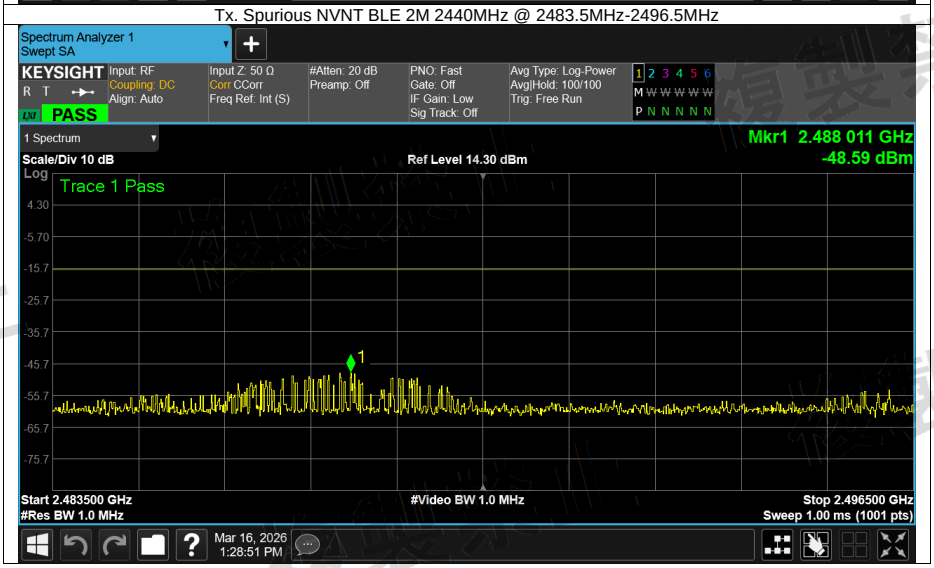
Tx. Spurious NVNT BLE 2M 2440MHz @ 1000MHz-2387MHz



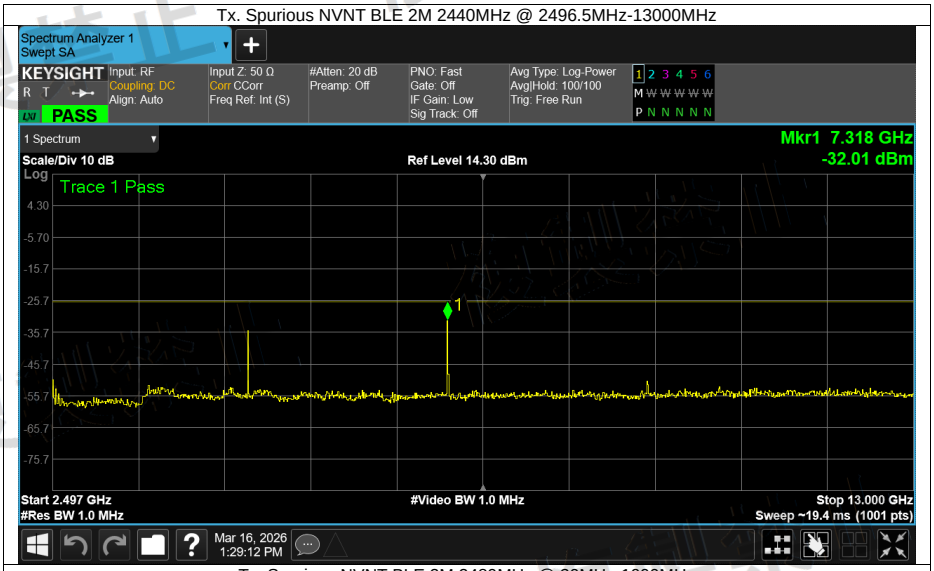
Tx. Spurious NVNT BLE 2M 2440MHz @ 2387MHz-2400MHz



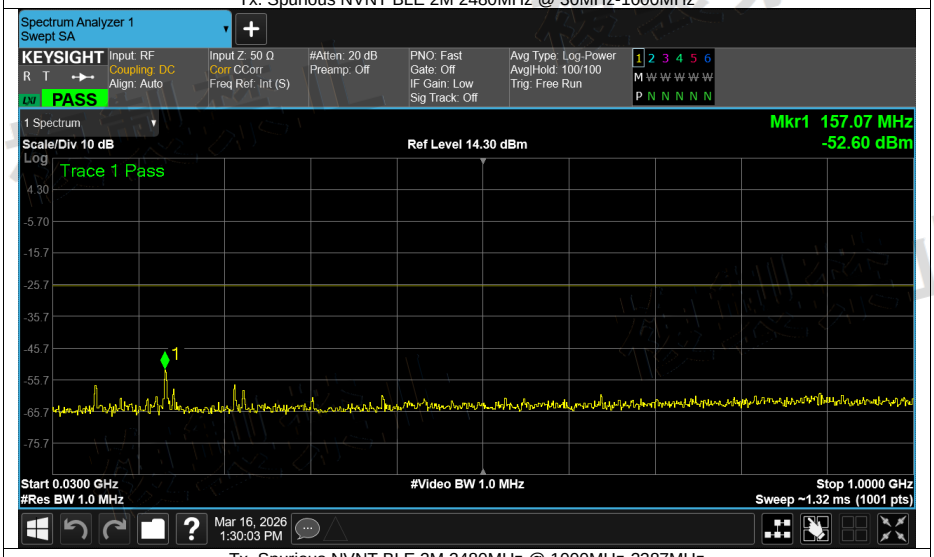
Tx. Spurious NVNT BLE 2M 2440MHz @ 2483.5MHz-2496.5MHz



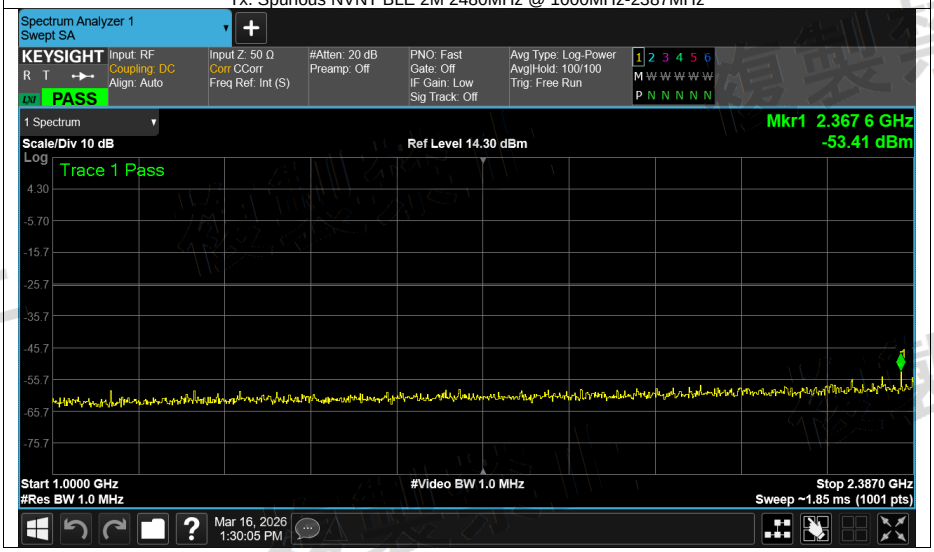
Tx. Spurious NVNT BLE 2M 2440MHz @ 2496.5MHz-13000MHz



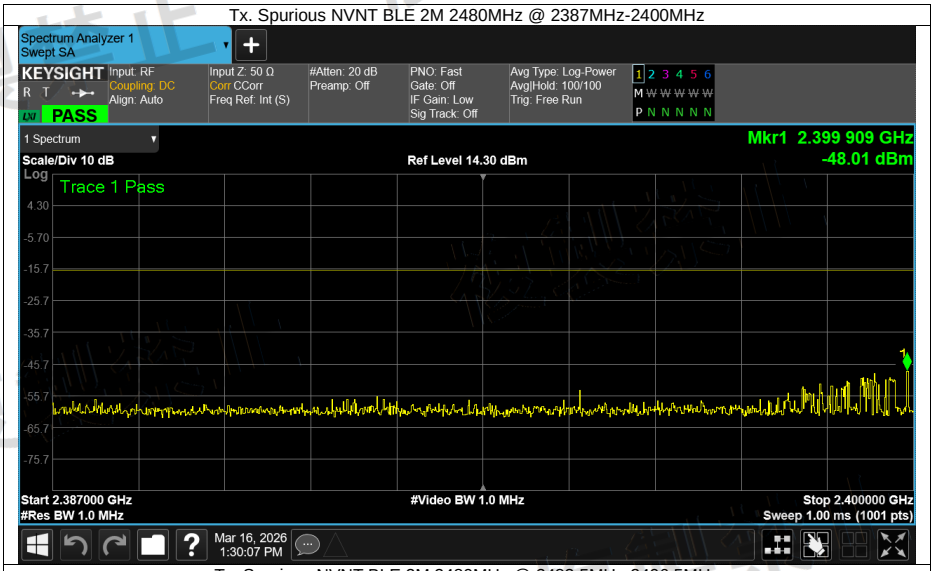
Tx. Spurious NVNT BLE 2M 2480MHz @ 30MHz-1000MHz



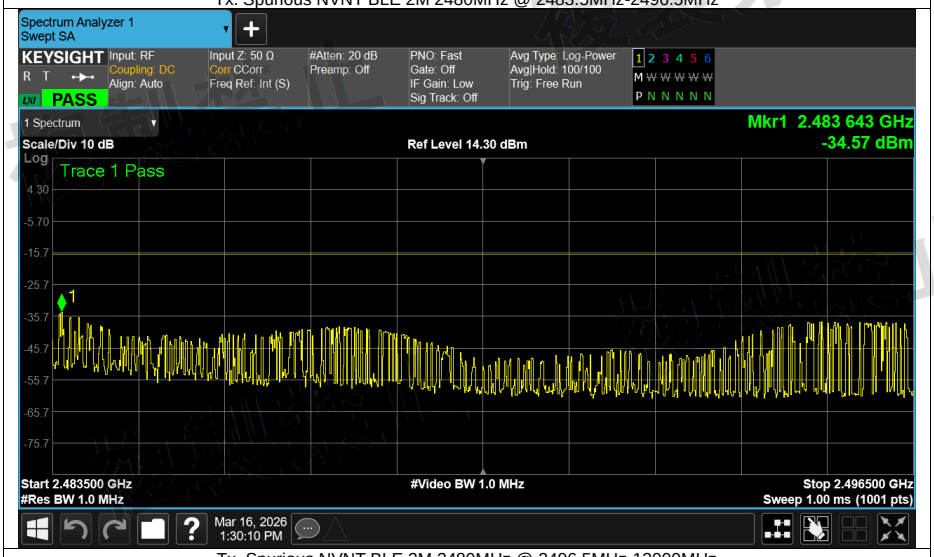
Tx. Spurious NVNT BLE 2M 2480MHz @ 1000MHz-2387MHz



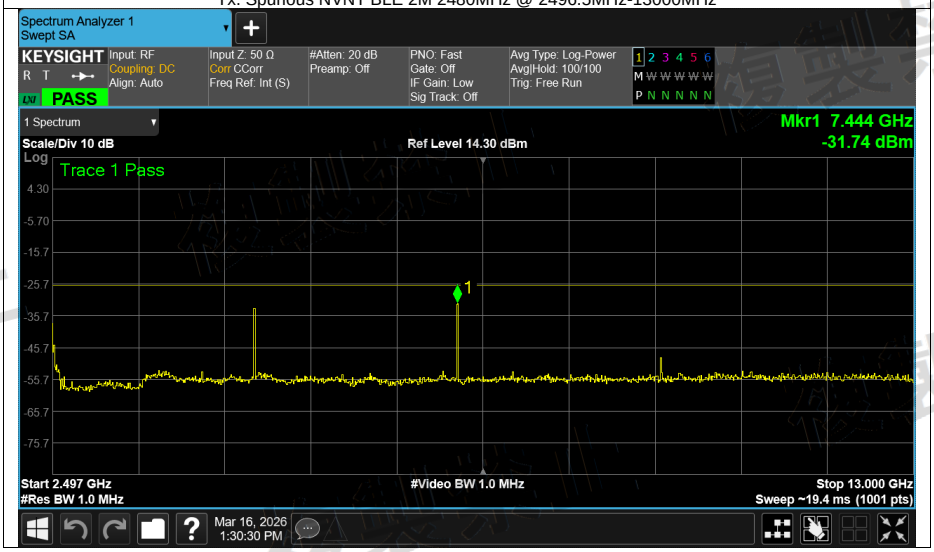
Tx. Spurious NVNT BLE 2M 2480MHz @ 2387MHz-2400MHz



Tx. Spurious NVNT BLE 2M 2480MHz @ 2483.5MHz-2496.5MHz



Tx. Spurious NVNT BLE 2M 2480MHz @ 2496.5MHz-13000MHz



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	31.94	-72.45	NA	0.0569	NA	4	Pass
NVNT	BLE 1M	2402	1000-13000	9916.00	-57.69	NA	1.7022	NA	20	Pass
NVNT	BLE 1M	2480	30-1000	31.94	-72.33	NA	0.0585	NA	4	Pass
NVNT	BLE 1M	2480	1000-13000	9916.00	-57.79	NA	1.6634	NA	20	Pass
NVNT	BLE 2M	2402	30-1000	31.94	-72.20	NA	0.0603	NA	4	Pass
NVNT	BLE 2M	2402	1000-13000	3412.00	-55.58	-81.22	2.7669	0.0076	20	Pass
NVNT	BLE 2M	2480	30-1000	157.07	-68.99	NA	0.1262	NA	4	Pass
NVNT	BLE 2M	2480	1000-13000	1732.00	-57.11	NA	1.9454	NA	20	Pass

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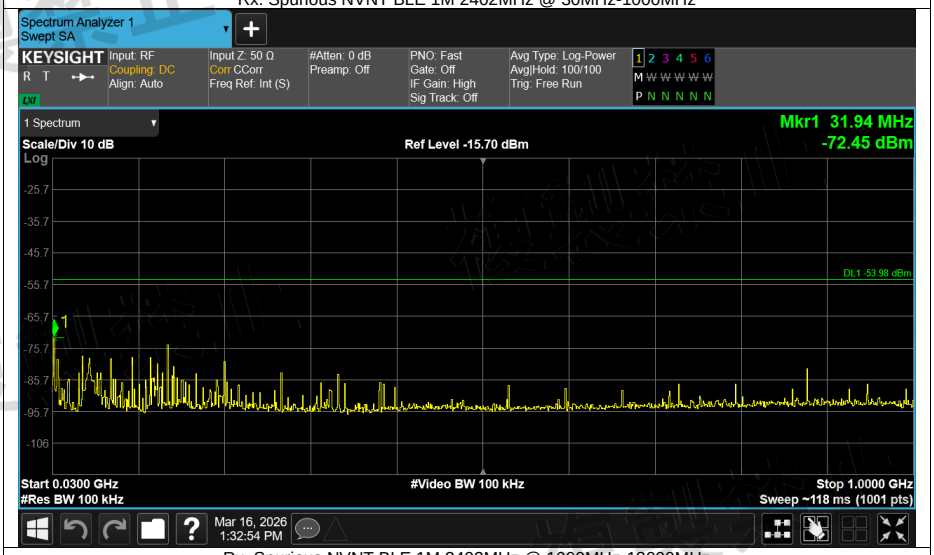
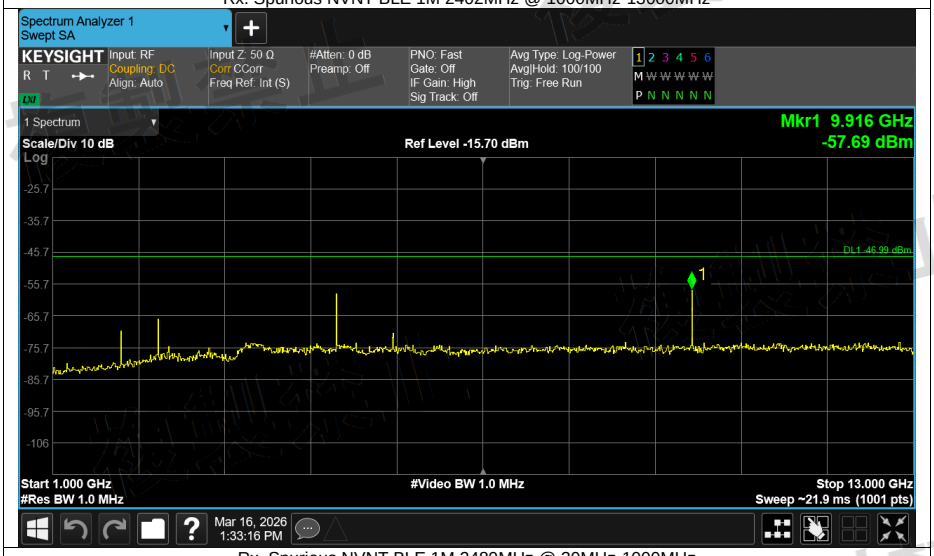
Test Graphs

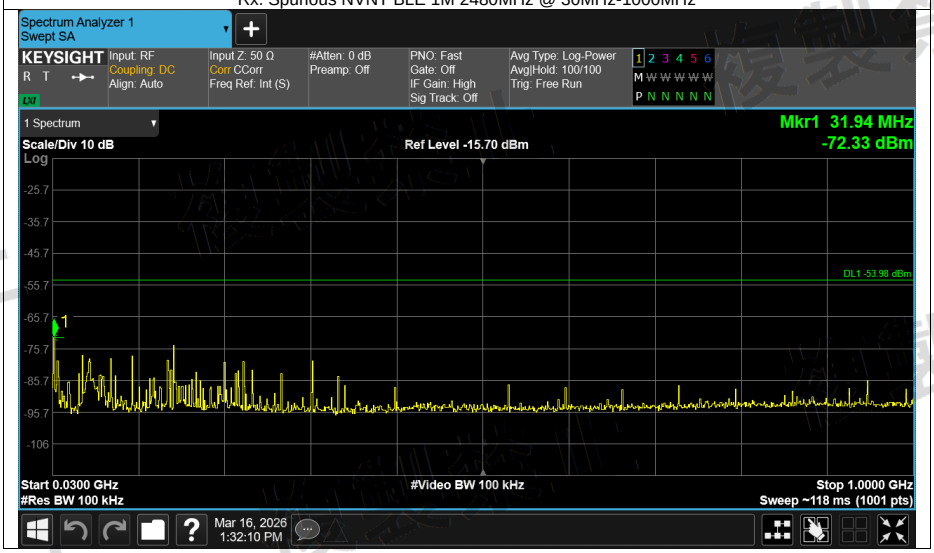
Rx. Spurious NVNT BLE 1M 2402MHz @ 30MHz-1000MHz



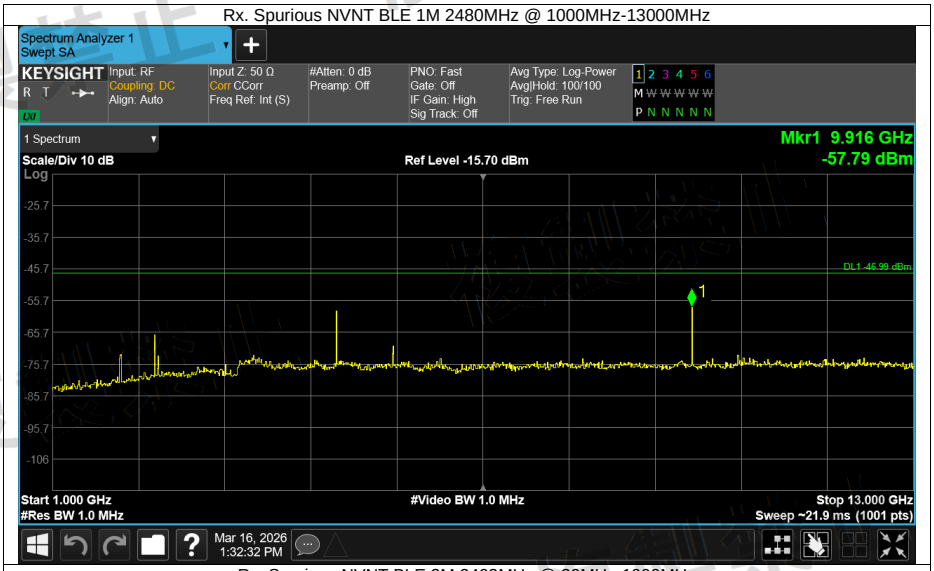
Rx. Spurious NVNT BLE 1M 2402MHz @ 1000MHz-13000MHz



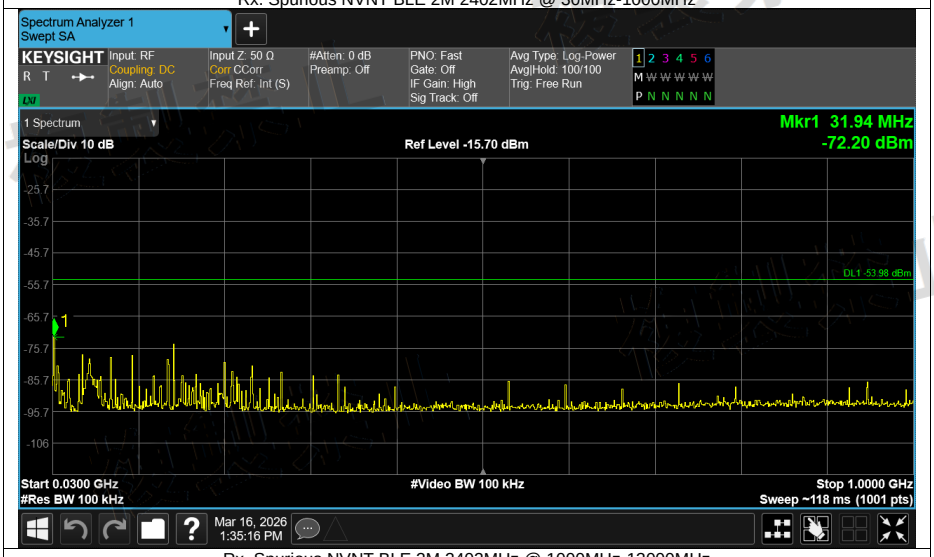
Rx. Spurious NVNT BLE 1M 2480MHz @ 30MHz-1000MHz



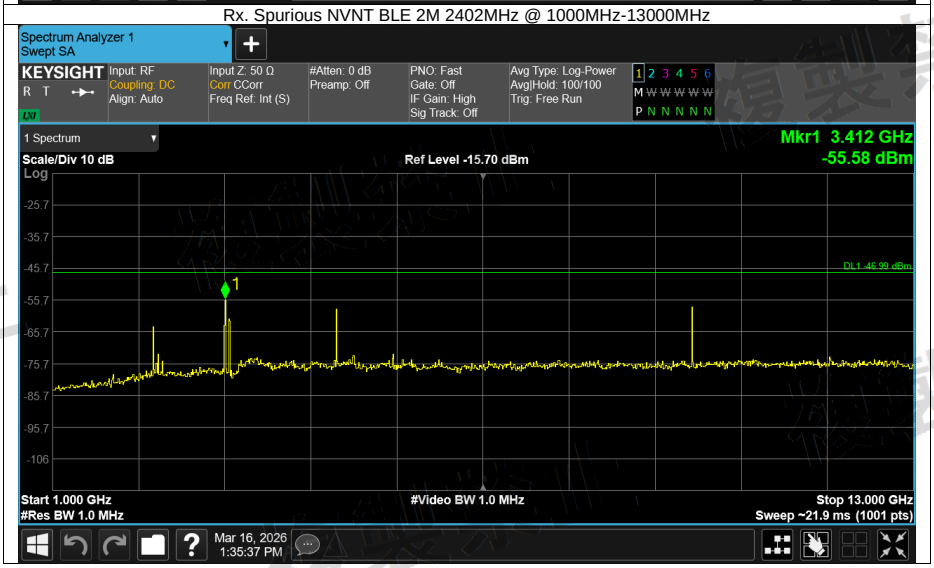
Rx. Spurious NVNT BLE 1M 2480MHz @ 1000MHz-13000MHz



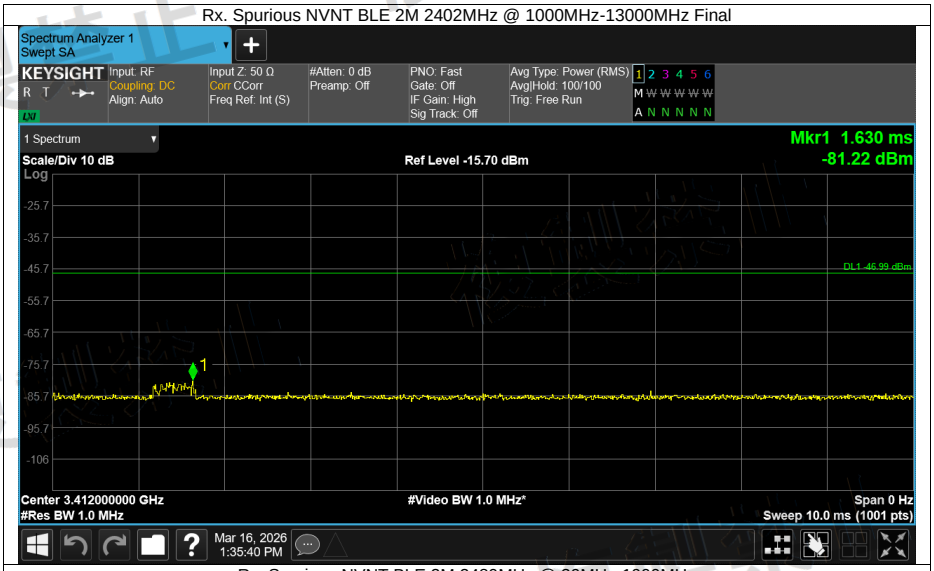
Rx. Spurious NVNT BLE 2M 2402MHz @ 30MHz-1000MHz



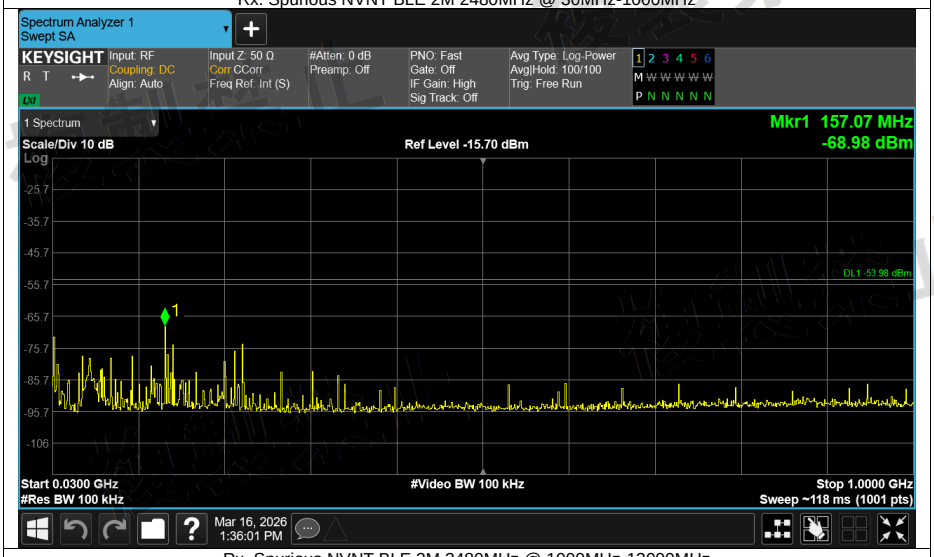
Rx. Spurious NVNT BLE 2M 2402MHz @ 1000MHz-13000MHz



Rx. Spurious NVNT BLE 2M 2402MHz @ 1000MHz-13000MHz Final



Rx. Spurious NVNT BLE 2M 2480MHz @ 30MHz-1000MHz



Rx. Spurious NVNT BLE 2M 2480MHz @ 1000MHz-13000MHz

APPENDIX II - TEST SETUP PHOTOS

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APPENDIX III - PHOTOGRAPHS OF EUT CONSTRUCTIONAL DETAILS

Note: Please see the attached Node100-LP-JIS_EUT Photos.

※※※※※END OF THE REPORT※※※※※

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