



RADIO TEST REPORT

Article 2 paragraph 1 item (19)

MIC Notice No.88 Appendix No.43

Product : Hawk

Trade Mark : 3DMAKERPRO

Model Name : JMK5

Family Model: N/A

Report No. : N25090105909E

Prepared for

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Prepared by

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TEST RESULT CERTIFICATION

Applicant's name..... Shenzhen Jimuyida Technology Co., Ltd

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Manufacturer's Name..... Wuhan Ruler Technology Co., Ltd

Address..... Room 201, 2nd Floor, and Room 403, 4th Floor, Building D, Hairongji incubation Park, No.8 Changchengyuan Road, Donghu New technology Development Zone, Wuhan, Hubei, China

Test specification:

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

Test item description

Product name Hawk

Trade Mark..... 3DMAKERPRO

Model and/or type reference JMK5

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

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Test Sample Number..... S2509020159-1#

Date (s) of performance of tests Sept. 01, 2025 ~ Oct. 14, 2025

Date of Issue..... Oct. 14, 2025

Test Result..... **Pass**

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※ ※ Revision History ※ ※

REV.	REPORT NO.	Page Revised	ISSUED DATE	Contents
Original	N25090105909E	Rev.01	Oct. 14, 2025	N/A

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1. SUMMARY OF TEST RESULTS

Test procedures according to the technical standards:

Standard	Method	Description of Test	Result
Article 2 paragraph 1 item (19)	MIC Notice No.88 Appendix No.43.3	Frequency Error	Complies
	MIC Notice No.88 Appendix No.43.4	Occupied Bandwidth (99%) and Spread-spectrum ^{Note(5)}	Complies
	MIC Notice No.88 Appendix No.43.5	Unwanted Emission Intensity	Complies
	MIC Notice No.88 Appendix No.43.6	Antenna Power Error	Complies
	MIC Notice No.88 Appendix No.43.7	Limitation of Collateral Emission of Receiver	Complies
	MIC Notice No.88 Appendix No.43.8	Transmission Antenna Gain (EIRP Antenna Power)	N/A
	MIC Notice No.88 Appendix No.43.9	Transmission Radiation Angle Width (3dB Beamwidth)	N/A
	MIC Notice No.88 Appendix No.43.10	Radio Interference Prevention Capability	Complies
	MIC Notice No.88 Appendix No.43.10	Spreading Factor	N/A
	MIC Notice No.88 Appendix No.43.8	Carrier Sense Capability ^{Note(3)}	N/A
		Carrier Sense Capability ^{Note (4)}	Complies
	Note 2	Construction Protection Confirmation	Please refer to Japan Radio Protection Declaration
	MIC Notice No.88 Appendix No.43	Number of carriers	Complies

NOTE:

- (1) "N/A" denotes test is not applicable in this Test Report
- (2) MIC Ordinance Regulating Radio Equipment Section 1.A of Article 49.20.1
- (3) Not apply to this device, since EIRP does not require compensation through Antenna Power.
- (4) Apply for 802.11n40 which the Occupied bandwidth within 26MHz-40MHz
- (5) Only reported

1.1 TEST FACILITY

Site Description

CNAS-Lab. : The Certificate Registration Number is L5516.

IC-Registration : The Certificate Registration Number is 9270A.

CAB identifier:CN0074

FCC- Accredited : Test Firm Registration Number: 463705.

Designation Number: CN1184

A2LA-Lab. : The Certificate Registration Number is 4298.01

Name of Firm : Shenzhen NTEK Testing Technology Co., Ltd.

Site Location : No. 24 Xinfu East Road, Xiangshan Community, Xinqiao Street, Baoan District, Shenzhen, Guangdong, People's Republic of 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	Conducted Emission Test	$\pm 3.2\text{dB}$
2	Radiated Emission Test	$\pm 4.7\text{dB}$
3	RF power,conducted	$\pm 0.16\text{dB}$
4	Spurious emissions,conducted	$\pm 0.21\text{dB}$
5	All emissions,radiated(<1G)	$\pm 4.68\text{dB}$
6	All emissions,radiated(>1G)	$\pm 5.0\text{dB}$
7	Radio Frequency	$\pm 1 \times 10^{-6}$

2. GENERAL INFORMATION

2.1 GENERAL DESCRIPTION OF EUT

Equipment	Hawk	
Trade Mark	3DMAKERPRO	
Model Name	JMK5	
Family Model	N/A	
Model Difference	N/A	
Product Description	The EUT is Hawk	
	Operation Frequency:	802.11b/g/n(20MHz):2412~2472 MHz 802.11n(40MHz):2422~2462 MHz
	Modulation Type:	DSSS with DBPSK/DQPSK/CCK for 802.11b; OFDM with BPSK/QPSK/16QAM/64QAM/256QAM for 802.11g/n;
	Antenna Designation:	FPC antenna
	Antenna Gain	Antenna 1: 1.95 dBi Antenna 2: 1.95 dBi
Channel List	Please refer to the Note 2.	
Adapter	MODEL: FY0843000 INPUT: 100-240V~50/60Hz 1.5A OUTPUT: DC 8.4V---3.0A 25.2W	
Battery	DC 7.2V, 6400mAh(handle)	
Rating(s)	DC 7.2V(handle) from battery or DC 8.4V from adapter	
Hardware Version	N/A	
Software Version	N/A	

Note:

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

2.

Channel	Frequency (GHz)	Channel	Frequency (GHz)
01	2.412	11	2.462
02	2.417	12	2.467
03	2.422	13	2.472
04	2.427	--	--
05	2.432	--	--
06	2.437	--	--
07	2.442	--	--
08	2.447	--	--
09	2.452	--	--
10	2.457	--	--

Note: $f_c = 2412\text{MHz} + (k-1) \times 5\text{MHz}$ $k=1$ to 13

2.2 DESCRIPTION OF TEST MODES

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

Pretest Mode	Description
Mode 1	(802.11b) (CH01 CH07 CH13)
Mode 2	(802.11g) (CH01 CH07 CH13)
Mode 3	(802.11n 20MHz) (CH01 CH07 CH13)
Mode 4	(802.11n 40MHz) (CH03 CH07 CH11)

Final Test Mode	Description
Mode 1	(802.11b) (CH01 CH07 CH13)
Mode 2	(802.11g) (CH01 CH07 CH13)
Mode 3	(802.11n 20MHz) (CH01 CH07 CH13)
Mode 4	(802.11n 40MHz) (CH03 CH07 CH11)

Note: Both the main model and the series models have undergone testing and evaluation. The test data of the main model is the worst, and the report will only reflect the worst data.

2.3 TEST CONDITIONS

The WIFI module was tested while in a continuous transmitter/receiver mode. The EUT was tuned to a low, middle, and high channel for all tests. For all test case pre/scans were completed in all Modes to determine worst case levels.

Power Supply Voltage Fluctuation Test

Voltage Fluctuation Test	Normal Voltage	High Voltage +10% of Normal Voltage	Low Voltage -10% of Normal Voltage
DC Power	DC 7.2V	DC 7.92V	DC 6.48V
RF Chip	DC 3.3V	DC 3.3V	DC 3.3V

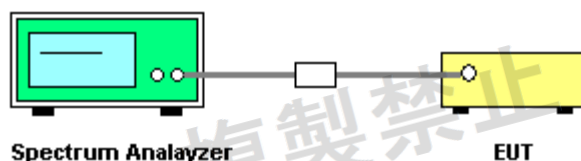
NOTE:

Voltage Variation (%)

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

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

2.4 BLOCK DIGRAM SHOWING THE CONFIGURATION OF SYSTEM TESTED



2.5 DESCRIPTION OF SUPPORT UNITS(CONDUCTED MODE)

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

Item	Equipment	Model/Type No.	Series No.	Note
E-1	Hawk	JMK5	N/A	EUT

Item	Shielded Type	Ferrite Core	Length	Note

Note:

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

2.6 EQUIPMENTS LIST FOR ALL TEST ITEMS**Test equipment**

Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Last calibration	Calibrated until	Calibration period
1	SPECTRUM ANALYZER	AGLIENT	E4440A	MY41000130	2025.04.24	2026.04.23	1 year
2	SPECTRUM ANALYZER	AGILENT	N9020A	MY49100060	2025.04.17	2026.04.16	1 year
3	TEST RECEIVER	R&S	ESPI7	101318	2025.04.17	2026.04.16	1 year
4	50Ω COAXIAL SWITCH	ANRITSU	MP59B	6200983705	2024.04.26	2027.04.25	3 year
5	HORN ANTENNA	EM	EM-AH-10180	2011071402	2024.05.12	2027.05.11	3 year
6	HORN ANT	SCHWARZBECK	BBHA 9170	803	2024.05.12	2027.05.11	3 year
7	PRE-AMPLIFIER	EMC	EMC051835SE	980246	2025.04.17	2026.04.16	1 year
8	POWER METER	DARE	RPR3006W	15I00041SNO84	2025.04.17	2026.04.16	1 year
9	TEMPORARY ANTENNA CONNECTOR (NOTE)	NTS	R001	N/A	N/A	N/A	N/A
10	DC POWER SUPPLY	ZHAOXIN	PS-6005D	20170402923	2024.04.25	2027.04.24	3 year
11	ESG VETCTOR SIGNAL GENERATOR	AGILENT	E4438C	MY45093347	2025.04.17	2026.04.16	1 year
12	PSG ANALOG SIGNAL GENERATOR	AGILENT	E8257D	MY51110112	2025.05.06	2026.05.05	1 year

Note:**Calibration Method:**

- (a) Calibration conducted by the National Institute of Information and Communications Technology (NICT) or a designated calibration agency under Article 102-18 paragraph (1)
- (b) Correction conducted pursuant to the provisions of Article 135 or Article 144 of the Measurement Act (Act No. 51 of 1992)
- (c) Calibration conducted in countries except Japan, which shall be equivalent to the calibration conducted by the NICT or a designated calibration agency under Article 102-18 paragraph
- (d) Calibration, etc. conducted by using measuring instruments and other equipment listed in the right column of appended table No. 3, which shall have been given any type of calibration, etc. listed above from (a) to (c).

The calibration corresponds to c described above.

All the equipments for Guangzhou Lisai Calibration.

Measurement Software

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

3. TEST RESULT FOR WIFI

3.1 FREQUENCY ERROR

3.2 LIMIT

Item	Limits
Frequency Error	+/-50ppm

3.3 MEASURING INSTRUMENTS AND SETTING

The following table is the setting of Spectrum Analyzer.

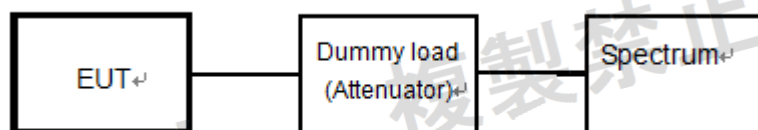
Spectrum Parameter	Setting
Attenuation	Auto
RB / VB	10KHz/30KHz
Detector	Peak
Trace	Max Hold
Sweep Time	Auto

3.4 TEST PROCEDURES

- (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.

3.5 TEST SETUP LAYOUT



4.1.5. EUT OPERATION DURING TEST

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

3.5.1 TEST RESULT

EUT:	Hawk	Model:	JMK5
Temperature:	25°C	Tested by:	Allen Liu
Humidity:	55 % RH	Test Voltage	Normal Voltage(DC 7.2V)
Pressure :	1012 hPa	Operation Mode:	unmodulated

Test data reference attachment

4. ANTENNA POWER

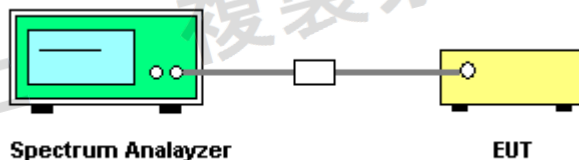
4.1 LIMIT

Modulation	Frequency band	Antenna power	Max EIRP	
			Non-directional	Beam directional ^{Note1}
DS	2,400-2,483.5MHz	10mW/MHz	12.14dBm/MHz	22.14dBm/MHz
OFDM1 ^{Note2}	2,400-2,483.5MHz	10mW/MHz	12.14dBm/MHz	22.14dBm/MHz
OFDM2	2,400-2,483.5MHz	5mW/MHz	9.13dBm/MHz	19.13dBm/MHz
FH,DS-FH,FH-O FDM	2,400-2,483.5MHz	3mW/MHz	6.91dBm/MHz	16.91dBm/MHz
	2,427-2,470.75MHz z	10mW/MHz	12.14dBm/MHz	22.14dBm/MHz
Other than those above	2,400-2,483.5MHz	10mW	12.14dBm	22.14dBm

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

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

4.2 TEST SETUP LAYOUT



4.3 TEST DEVIATION

There is no deviation with the original standard.

4.4 TEST PROCEDURES

1. Scanning bandwidth: occupying about twice the bandwidth of the frequency band

Resolution bandwidth: 1MHz

Video bandwidth: about 3 times the resolution bandwidth

Scanning time: the minimum time required to ensure measurement accuracy

Scanning mode: Continuous scanning

Detection mode: positive peak value

Display mode: Maximum hold

2. Provide the maximum power frequency of the center frequency (search frequency)

Scanning frequency width: 0Hz

Resolution bandwidth: 1MHz

Video bandwidth: Same as resolution bandwidth

Scanning mode: Continuous scanning

4.5 TEST RESULT

EUT :	Hawk	Model:	JMK5
Temperature:	25°C	Tested by:	Allen Liu
Humidity:	55 % RH	Test Voltage	Normal Voltage(DC 7.2V)
Pressure :	1012 hPa	Operation Mode:	Normal Voltage -802.11b/g/n(HT20/ HT40) mode

Test data reference attachment

5. OCCUPIED BANDWIDTH

5.1 LIMIT

Item	Limits
Occupied Band Width:	FH 83.5MHz; OFDM1,DS $\leq$ 26MHz; 26MHz $\leq$ OFDM 40MHz system $\leq$ 40MHz.; Others $\leq$ 26MHz

5.1.1. MEASURING INSTRUMENTS AND SETTING

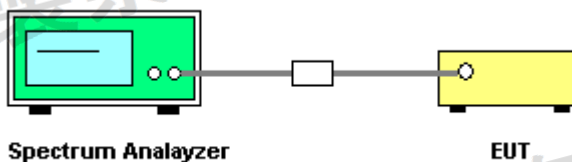
5.1.2. TEST PROCEDURES

Set the spectrum analyzer as follows :

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

Note: 1. Spread Spectrum Factor = Spread Spectrum Bandwidth / modulation rate of EUT.

6.1.3. TEST SETUP LAYOUT



6.1.4. TEST DEVIATION

There is no deviation with the original standard.

6.1.5. EUT OPERATION DURING TEST

The EUT was programmed to be in continuously transmitting mode.

5.2 TEST RESULT

EUT :	Hawk	Model:	JMK5
Temperature:	25°C	Tested by:	Allen Liu
Humidity:	55 % RH	Test Voltage	Normal Voltage(DC 7.2V)
Pressure :	1012 hPa	Operation Mode:	Normal Voltage-802.11b/g/n(HT20 / HT40) mode

Test data reference attachment

6. UNWANTED EMISSION INTENSITY MEASUREMENT

6.1 LIMIT

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

6.2 MEASURING INSTRUMENTS AND SETTING

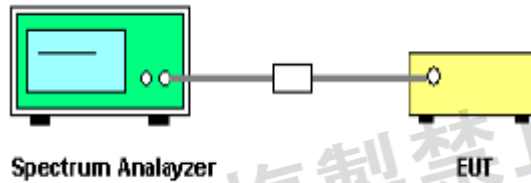
Please refer to section 5 in this report. The following table is the setting of Spectrum Analyzer.

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

6.3 TEST PROCEDURES

- EUT have transmitted the maximum modulation signal and fixed channelize.
- Setting of SA is following as: Below 1GHz RB:1MHz / VB:1MHz
Above 1GHz RB:1MHz / VB:1MHz / AT: 10dB Ref: 0dBm / Sweep time: Auto
Sweep Mode: Continuous sweep / Detect mode: Average
Trace mode: Max hold
- Setting of SA is following as 30MHz and stop frequency 1000MHz Then to mark peak reading value + cable loss shall be less than 2.5μW.
- Setting of SA is following as 1000MHz and stop frequency 2387MHz Then to mark peak reading value + cable loss shall be less than 2.5μW.
- SA adjusted to start frequency 2387MHz and stop frequency 2400MHz. Then to mark peak reading value + cable loss shall be less than 25μW.
- SA adjusted to start frequency 2483.5MHz and stop frequency 2496.5MHz Then to mark peak reading value + cable loss shall be less than 25μW
- SA adjusted to start frequency 2496.5MHz and stop frequency 12500MHz Then to mark peak reading value + cable loss shall be less than 2.5μW
- Measure side band spurious as follows: For 2.4GHz band: 2374MHz~2400MHz and 2483.5MHz~2509.5MHz RBW = VBW = 30kHz, Result_Value = Measured_Value + 15.2 [dBm]
- If the Result_Value is over the requirement, take total sum of 1MHz band centered at the spur frequency like ACLP measurement as Result_Value.

6.4 TEST SETUP LAYOUT



6.5 TEST DEVIATION

There is no deviation with the original standard.

6.6 TEST RESULT

EUT:	Hawk	Model:	JMK5
Temperature:	25°C	Tested by:	Allen Liu
Humidity:	55 % RH	Test Voltage	Normal Voltage(DC 7.2V)
Pressure :	1012 hPa	Operation Mode:	Normal Voltage-802.11b/g/n(HT20/HT40) mode

Test data reference attachment

7. IMITATION OF COLLATERAL EMISSION OF RECEIVER MEASUREMENT

7.1 LIMIT

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

7.2 MEASURING INSTRUMENTS AND SETTING

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

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

7.3 TEST PROCEDURES

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) /
AT: 10dB / Ref: 0dBm / Sweep time: Auto / Sweep Mode: Continuous sweep / Detect mode: Average / 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.

7.4 TEST RESULT

EUT:	Hawk	Model:	JMK5
Temperature:	25°C	Tested by:	Allen Liu
Humidity:	55 % RH	Test Voltage	Normal Voltage(DC 7.2V)
Pressure :	1012 hPa	Operation Mode:	Normal Voltage-802.11b/g/n(HT20/HT40) RX mode

Test data reference attachment

8. TRANSMISSION ANTENNA GAIN (EIRP ANTENNA POWER) MEASUREMENT

8.1 LIMIT

Modulation	Frequency band	Antenna power	Max EIRP	
			Non-directional	Beam directional ^{Note1}
DS	2,400-2,483.5MHz	10mW/MHz	12.14dBm/MHz	22.14dBm/MHz
OFDM1 ^{Note2}	2,400-2,483.5MHz	10mW/MHz	12.14dBm/MHz	22.14dBm/MHz
OFDM2	2,400-2,483.5MHz	5mW/MHz	9.13dBm/MHz	19.13dBm/MHz
FH,DS-FH,FH-O FDM	2,400-2,483.5MHz	3mW/MHz	6.91dBm/MHz	16.91dBm/MHz
	2,427-2,470.75MHz z	10mW/MHz	12.14dBm/MHz	22.14dBm/MHz
Other than those above	2,400-2,483.5MHz	10mW	12.14dBm	22.14dBm

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

Note 2: OFDM 1 in the modulation method column indicates that the occupied frequency band width is 26 MHz or less, and OFDM 2 indicates the occupied frequency bandwidth exceeding 26 MHz and 38 MHz or less.

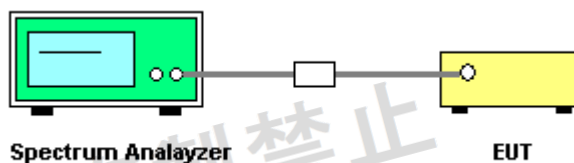
Note 3: This test item will not be applied to the transmission antenna which has a gain of 2.14dBi or less.

8.2 MEASURING INSTRUMENTS AND SETTING

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

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

8.3 TEST SETUP LAYOUT



8.4 TEST DEVIATION

There is no deviation with the original standard.

8.5 EUT OPERATION DURING TEST

The EUT was programmed to be in continuously transmitting mode.

8.6 TEST PROCEDURES

1. Scanning bandwidth: occupying about twice the bandwidth of the frequency band
Resolution bandwidth: 1MHz
Video bandwidth: about 3 times the resolution bandwidth
Scanning time: the minimum time required to ensure measurement accuracy
Scanning mode: Continuous scanning
Detection mode: positive peak value
Display mode: Maximum hold
2. Provide the maximum power frequency of the center frequency (search frequency)
Scanning frequency width: 0Hz
Resolution bandwidth: 1MHz
Video bandwidth: Same as resolution bandwidth
Scanning mode: Continuous scanning

8.7 RESULTS OF TRANSMISSION ANTENNA GAIN

EUT :	Hawk	Model:	JMK5
Temperature:	25°C	Tested by:	Allen Liu
Humidity:	55 % RH	Test Voltage	N/A
Pressure :	N/A	Operation Mode:	N/A

Antenna gain value less than 2.14dBi, not applicable.

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

9.1 LIMIT

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

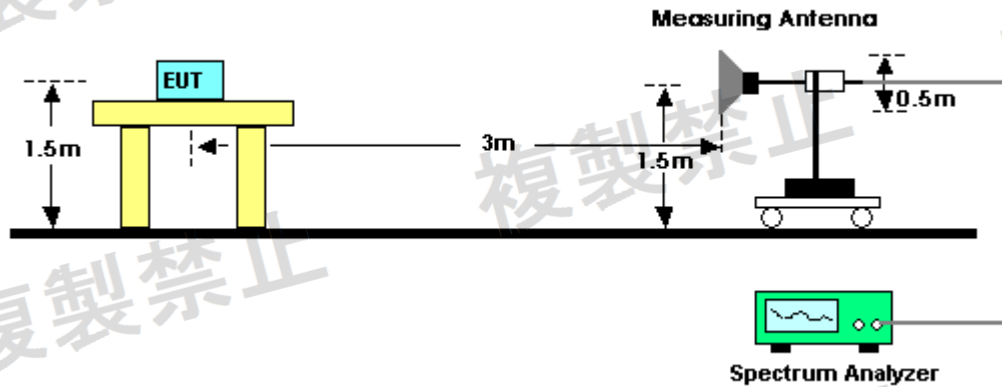
9.2 MEASURING INSTRUMENTS AND SETTING

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

9.3 TEST PROCEDURES

1. Set EUT and measuring antenna at the same height and roughly facing each other.
2. Set spectrum analyzer with condition in section 4.7.2 and tune reference level to observe receiving signal position.
3. Rotate directions of the EUT horizontally and vertically to find the maximum receiving power.
4. Move the measuring antenna height up and down within $\pm 50\text{cm}$ of EUT height and swing it to find the maximum output of measuring antenna. The output level at the spectrum analyzer is read as "E"
5. Calculate permitted radiation angle in horizontal and vertical using EIRP measured in another test method.
6. Calculate 3dB antenna beam width by the formula below $360/A$ (If $A < 1$; then $A=1$).
 $A = \{\text{EIRP Power [mW]} / 16.36 \text{ for DS, OFDM}\}$ or
 $A = \{\text{EIRP Power [mW]} / 4.9 \text{ for FH}\}$

9.4 TEST SETUP LAYOUT



9.5 TEST DEVIATION

There is no deviation with the original standard.

9.6 EUT OPERATION DURING TEST

The EUT was programmed to be in continuously transmitting mode.

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

EUT :	Hawk	Model:	JMK5
Temperature:	25°C	Tested by:	N/A
Humidity:	55 % RH	Test Voltage	N/A
Pressure :	1012 hPa	Operation Mode:	N/A

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

10. RADIO INTERFERENCE PREVENTION CAPABILITY MEASUREMENT**10.1 LIMIT**

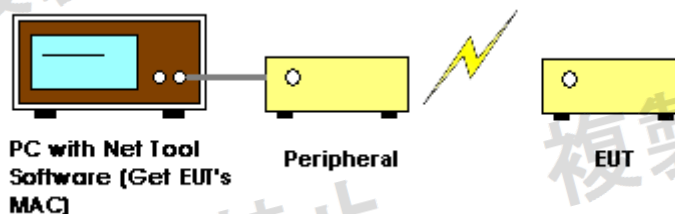
Item	Limits
Identification code	≥ 48 bits

10.2 MEASURING ID CODE SOFTWARE

Item	Limits
MAC IP List	MAC Scan

10.3 TEST PROCEDURES

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

10.4 TEST SETUP LAYOUT**10.5 TEST DEVIATION**

There is no deviation with the original standard.

10.6 EUT OPERATION DURING TEST

The EUT was programmed to be in normal transmitting mode.

10.7 TEST RESULT OF RADIO INTERFERENCE PREVENTION CAPABILITY

EUT :	Hawk	Model:	JMK5
Temperature:	25°C	Tested by:	Allen Liu
Humidity:	55 % RH	Pressure :	1012 hPa
Test result:	Compliance		

MAC Address: 18:C0:6D:8F:00:AF

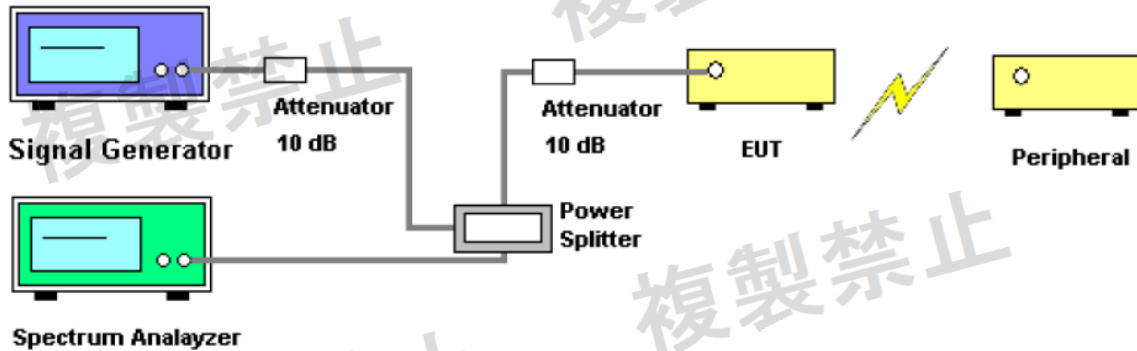
11. CARRIER SENSE FUNCTION

11.1 LIMIT

EUT stop RF transmission signal after carrier inject to EUT

11.2 TEST PROCEDURE

Measurement System Diagram



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

11.3 TEST RESULT

EUT :	Hawk	Model:	JMK5
Temperature:	25°C	Tested by:	Allen Liu
Humidity:	55 % RH	Test Voltage	Normal Voltage(DC 7.2V)
Pressure :	1012 hPa	Operation Mode:	Normal Voltage-802.11n40 mode

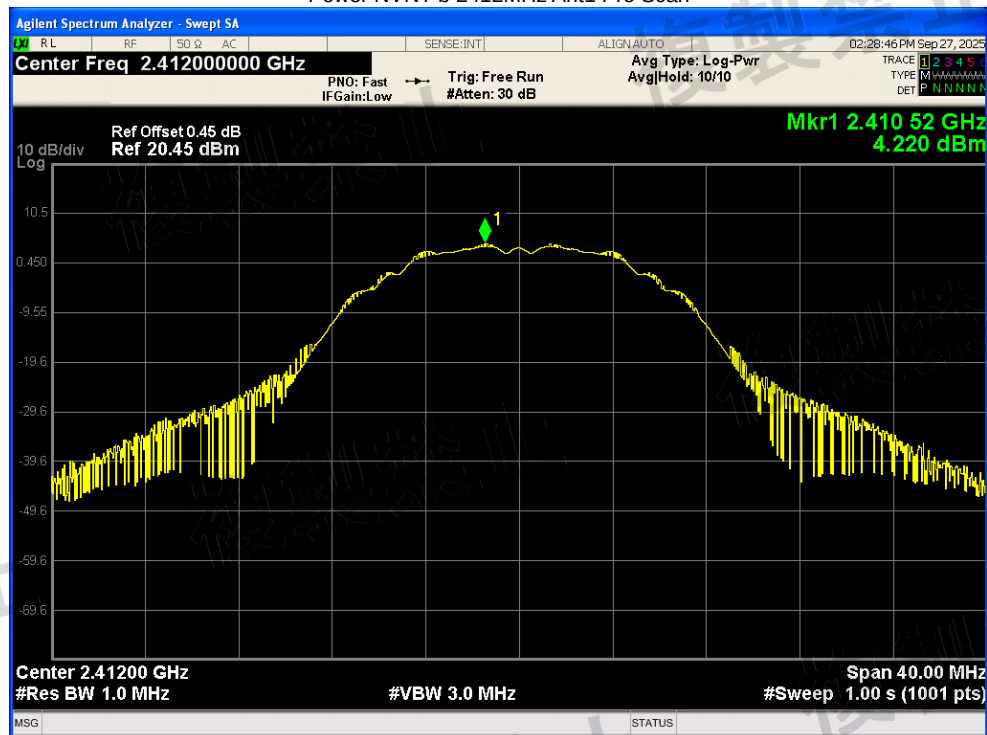
Mode	Channel	Result		
		Normal Voltage	High Voltage	Low Voltage
802.11n40	CH3	Pass	/	/
	CH7	Pass	/	/
	CH11	Pass	/	/

12. TEST RESULTS

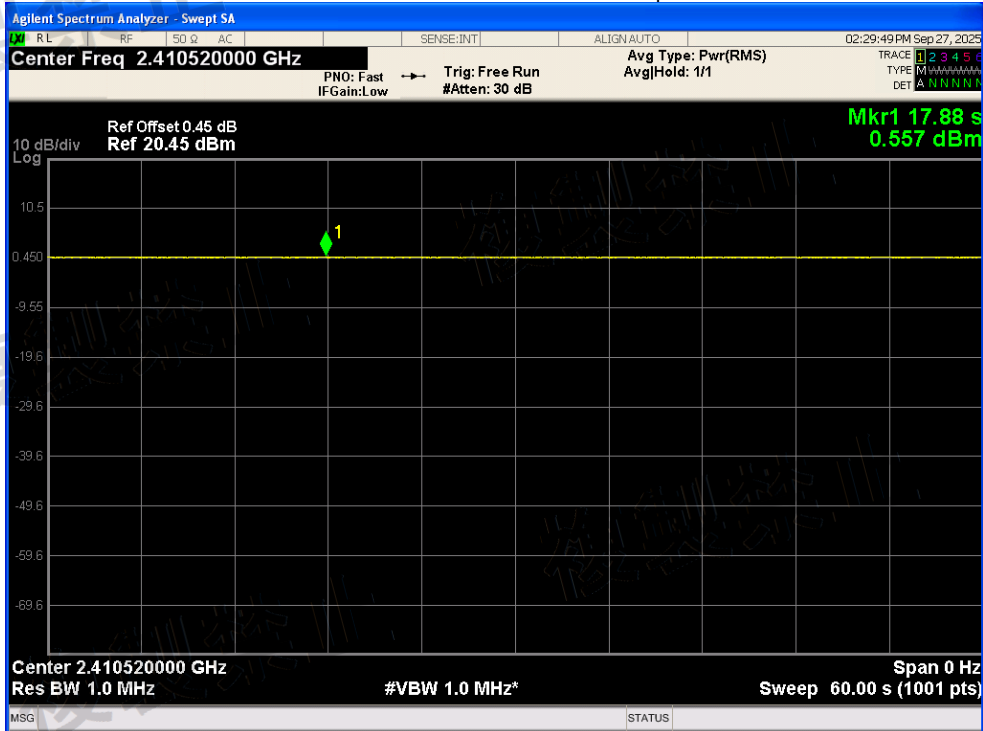
12.1 ANTENNA AND EIRP POWER

Condition	Mode	Frequency (MHz)	Antenna	Antenna Power (mW/MHz)	Total Antenna Power (mW/MHz)	Declared Power (mW/MHz)	Tolerance (%)	Upper Limit (%)	Verdict
NVNT	b	2412	Ant1	1.137	/	1.5	-24.21	20	Pass
NVNT	b	2442	Ant1	1.02	/	1.5	-32.03	20	Pass
NVNT	b	2472	Ant1	1.003	/	1.5	-33.16	20	Pass
NVNT	b	2412	Ant2	0.644	/	1.5	-57.09	20	Pass
NVNT	b	2442	Ant2	0.559	/	1.5	-62.71	20	Pass
NVNT	b	2472	Ant2	0.477	/	1.5	-68.22	20	Pass
NVNT	g	2412	Ant1	1.332	/	1.5	-11.22	20	Pass
NVNT	g	2442	Ant1	1.121	/	1.5	-25.25	20	Pass
NVNT	g	2472	Ant1	1.011	/	1.5	-32.61	20	Pass
NVNT	g	2412	Ant2	0.858	/	1.5	-42.79	20	Pass
NVNT	g	2442	Ant2	0.754	/	1.5	-49.72	20	Pass
NVNT	g	2472	Ant2	0.652	/	1.5	-56.52	20	Pass
NVNT	n20	2412	Ant1	0.944	1.559	2	-22.05	20	Pass
NVNT	n20	2412	Ant2	0.615				20	Pass
NVNT	n20	2442	Ant1	1.051	1.564	2	-21.80	20	Pass
NVNT	n20	2442	Ant2	0.513				20	Pass
NVNT	n20	2472	Ant1	0.922	1.41	2	-29.50	20	Pass
NVNT	n20	2472	Ant2	0.488				20	Pass
NVNT	n40	2422	Ant1	0.429	0.719	1	-28.10	20	Pass
NVNT	n40	2422	Ant2	0.29				20	Pass
NVNT	n40	2442	Ant1	0.383	0.613	1	-38.70	20	Pass
NVNT	n40	2442	Ant2	0.23				20	Pass
NVNT	n40	2462	Ant1	0.37	0.615	1	-38.50	20	Pass
NVNT	n40	2462	Ant2	0.245				20	Pass

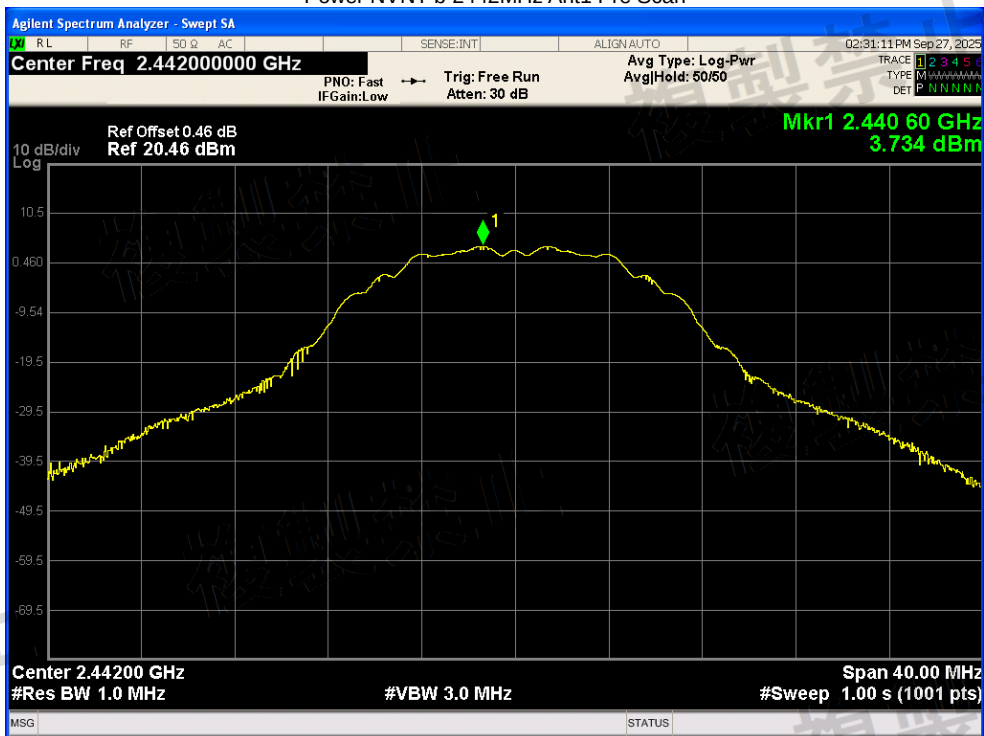
Power NVNT b 2412MHz Ant1 Pre Scan



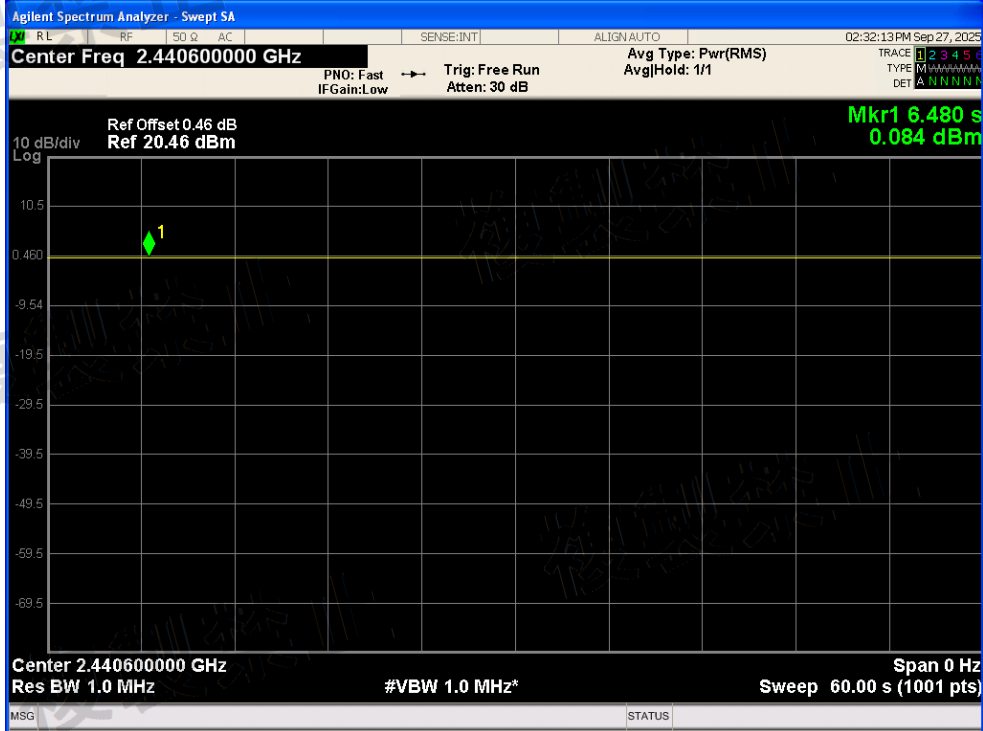
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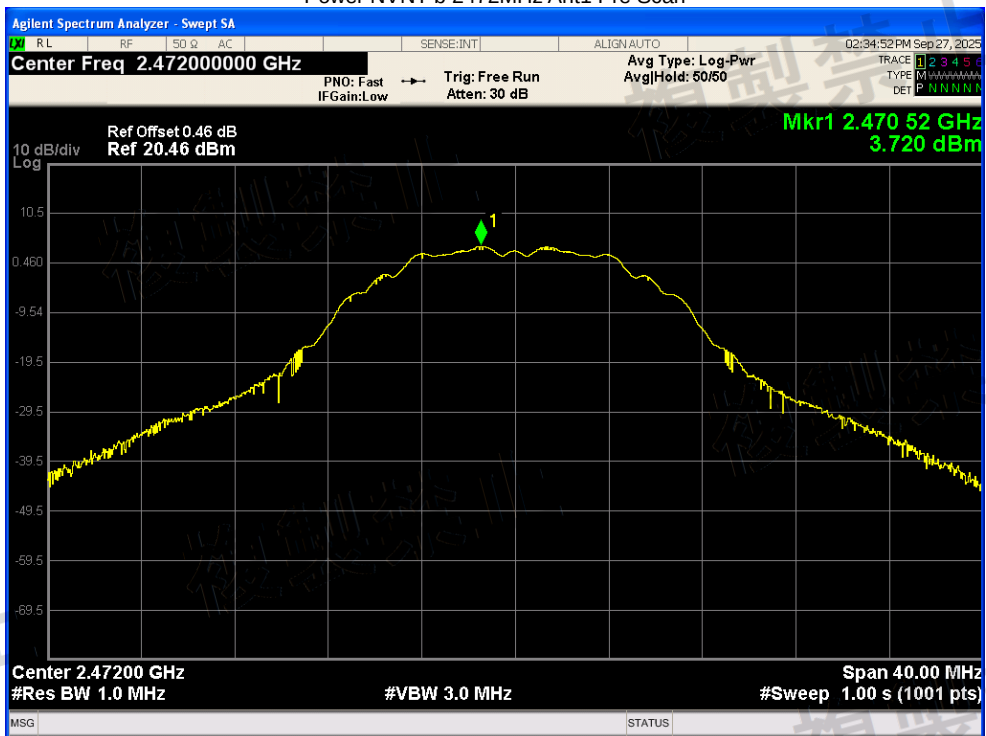
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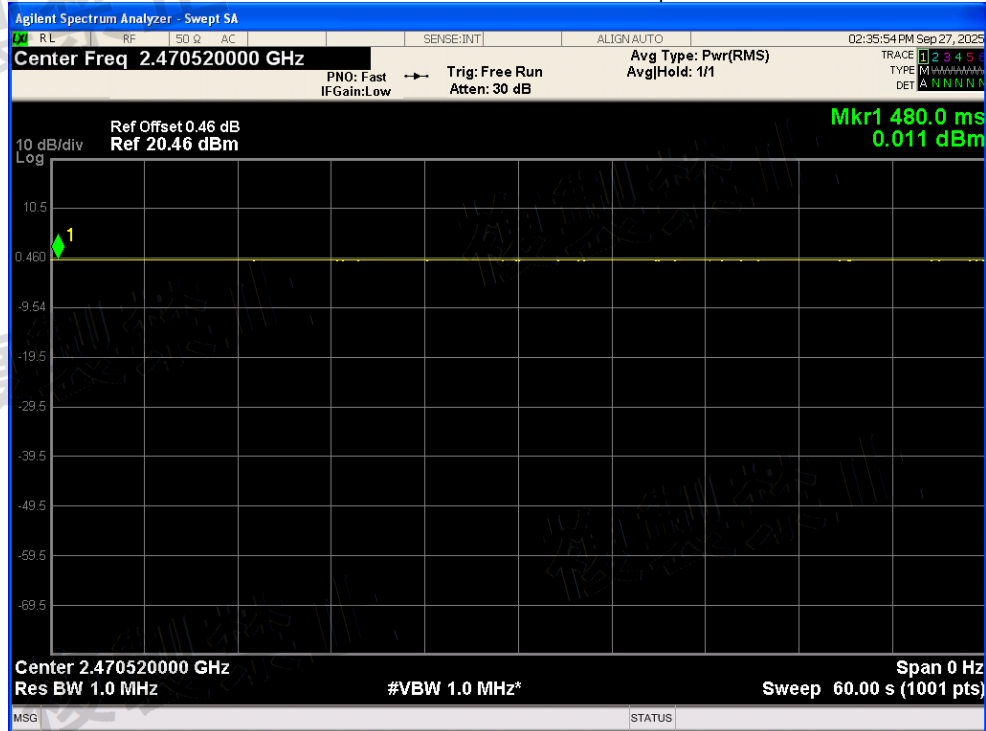
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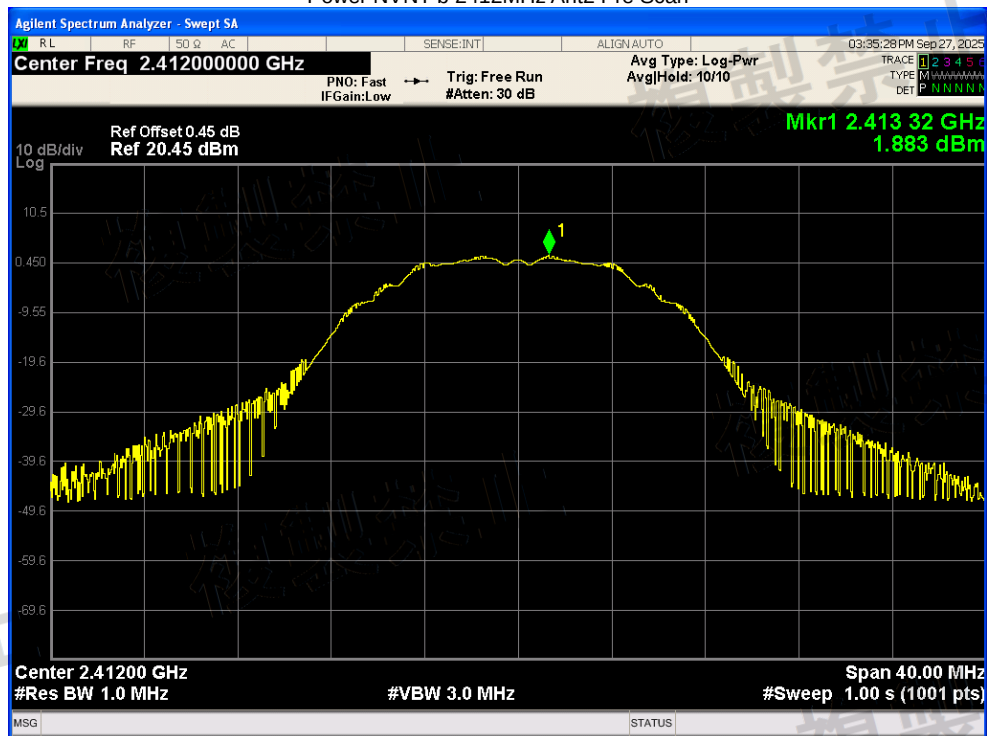
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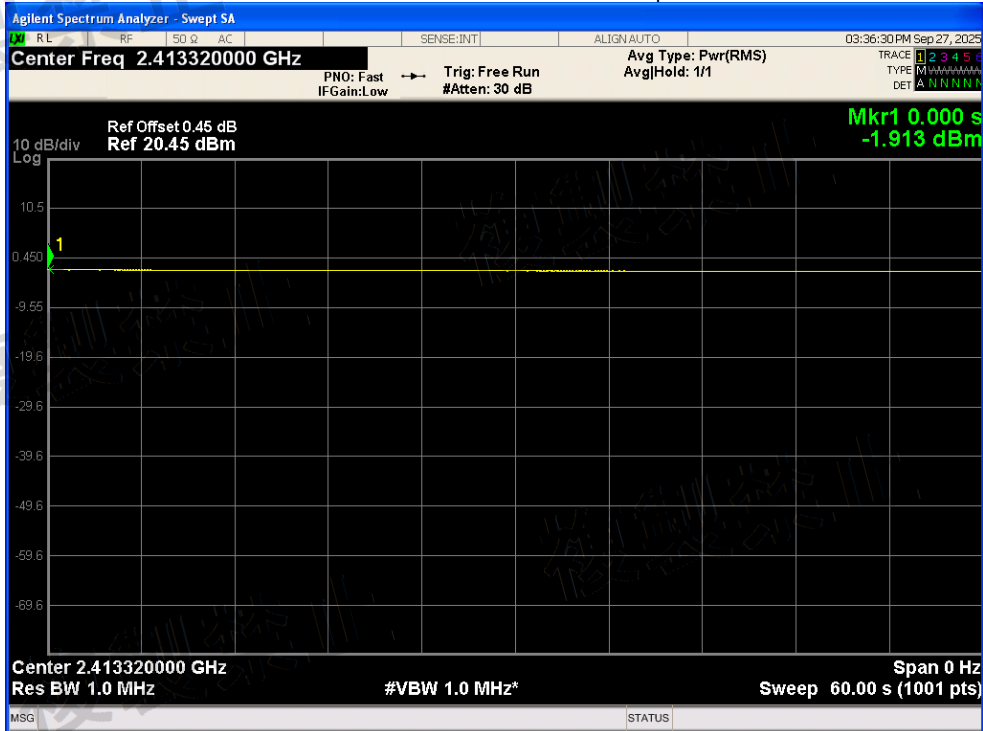
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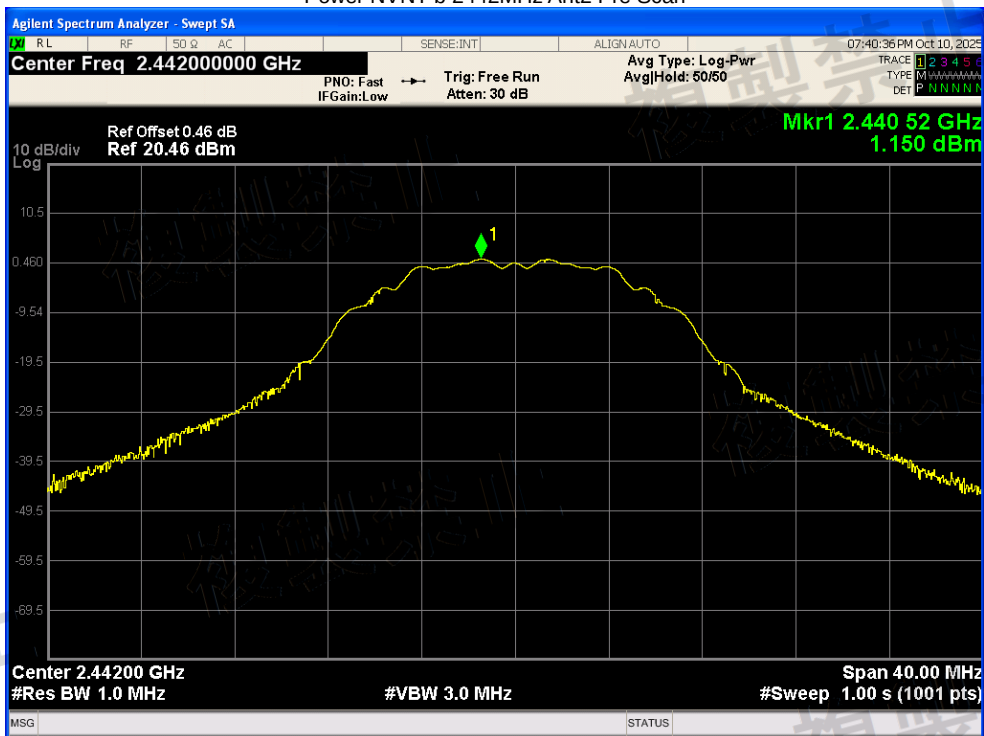
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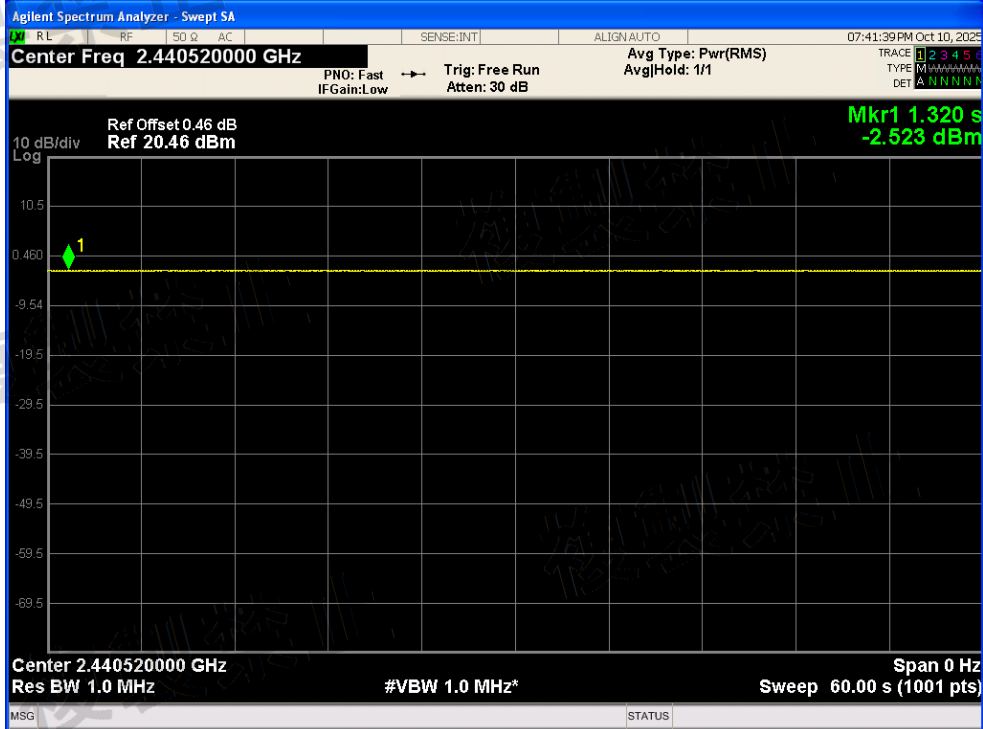
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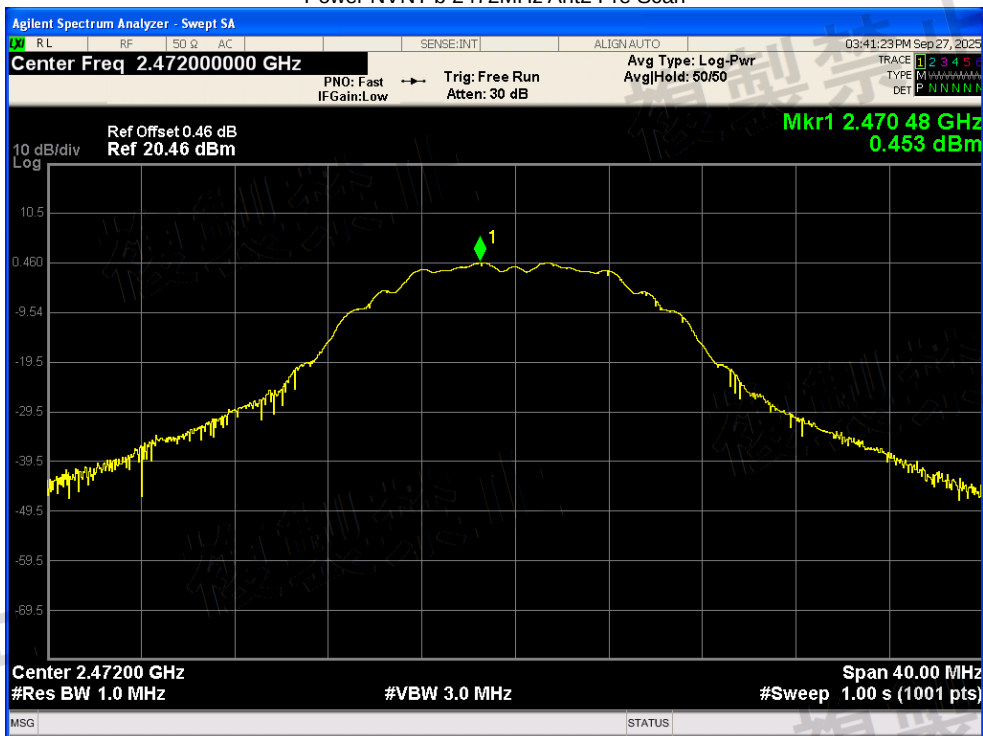
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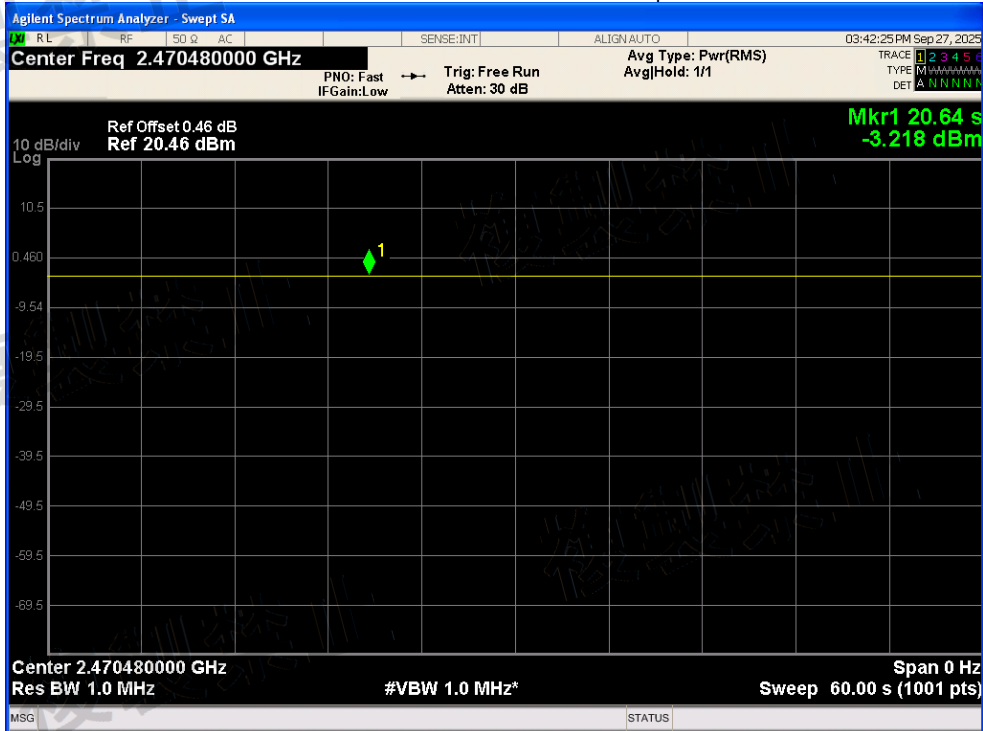
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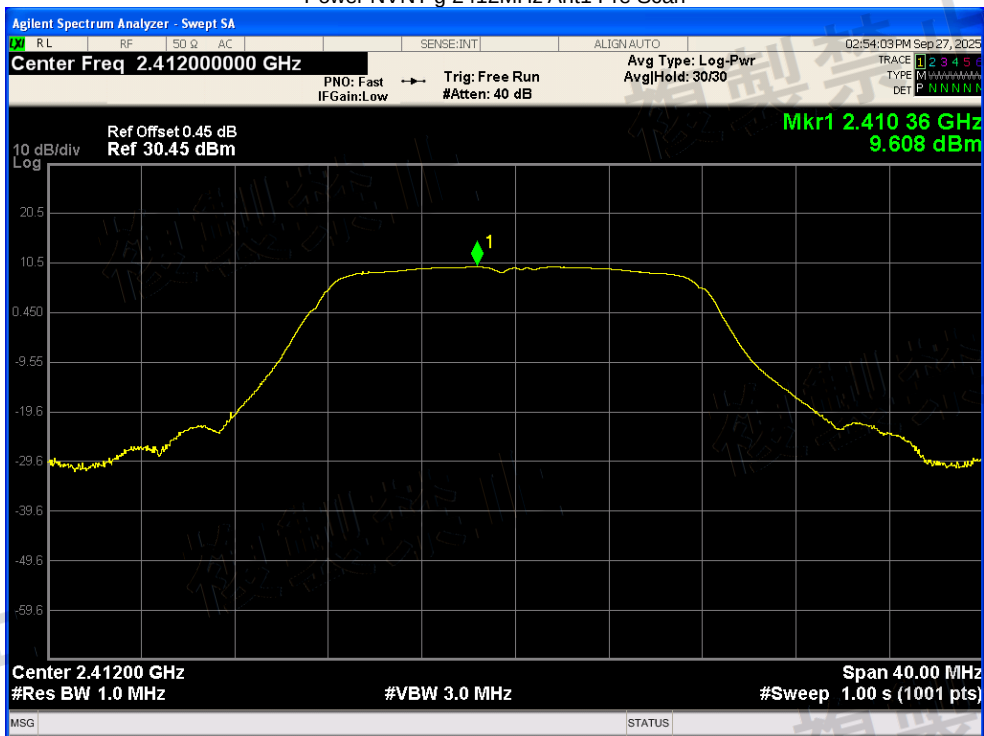
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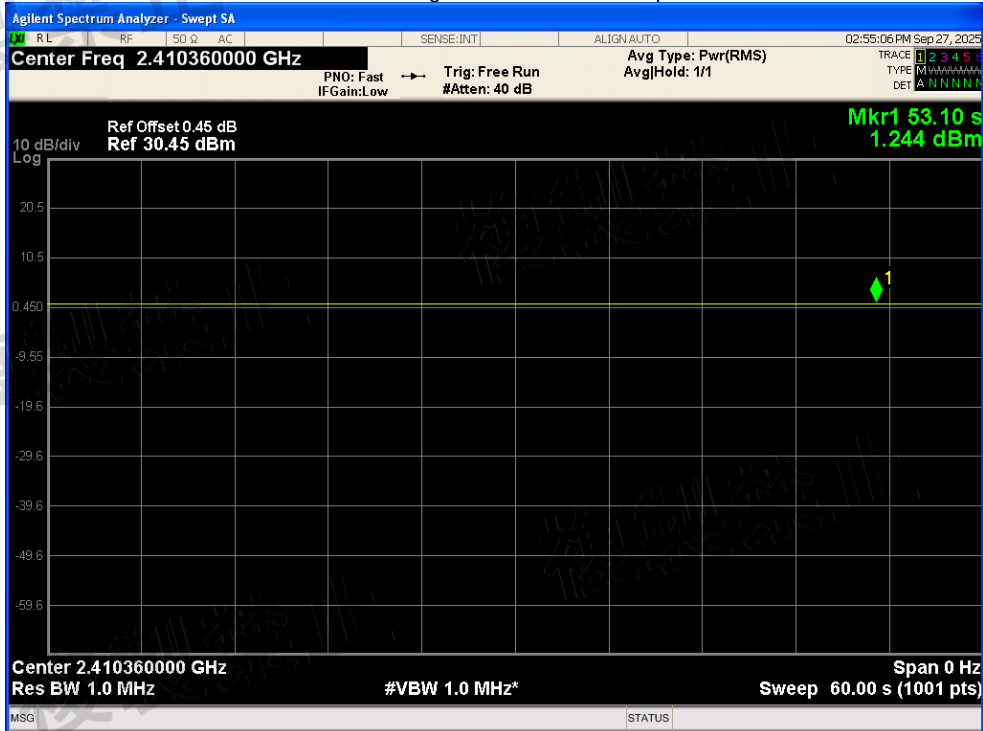
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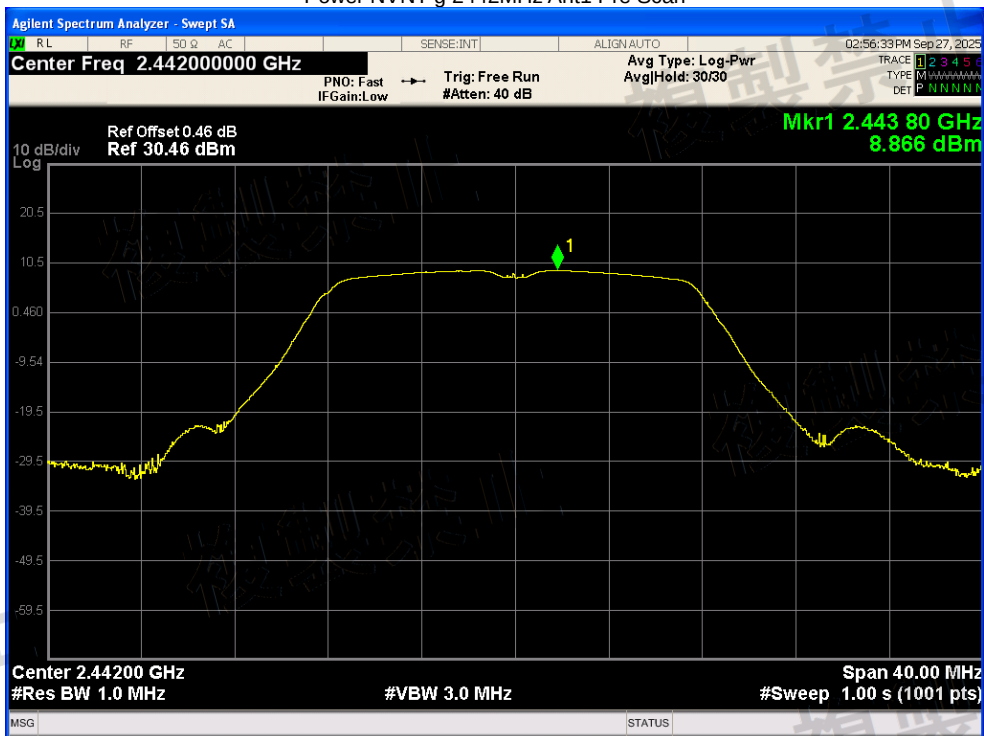
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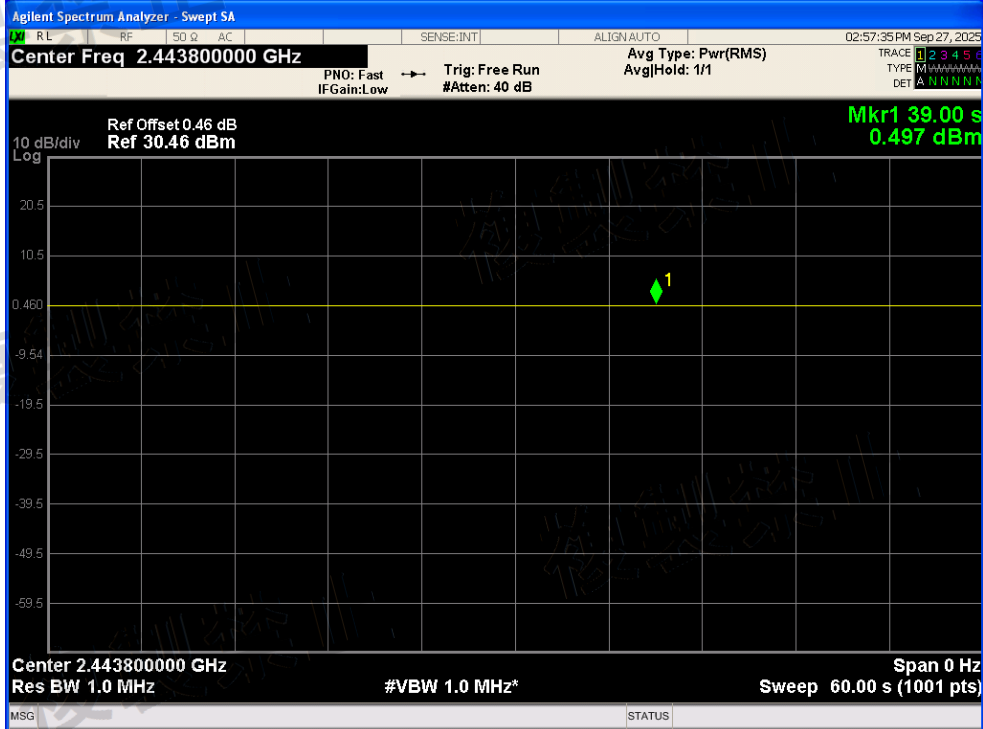
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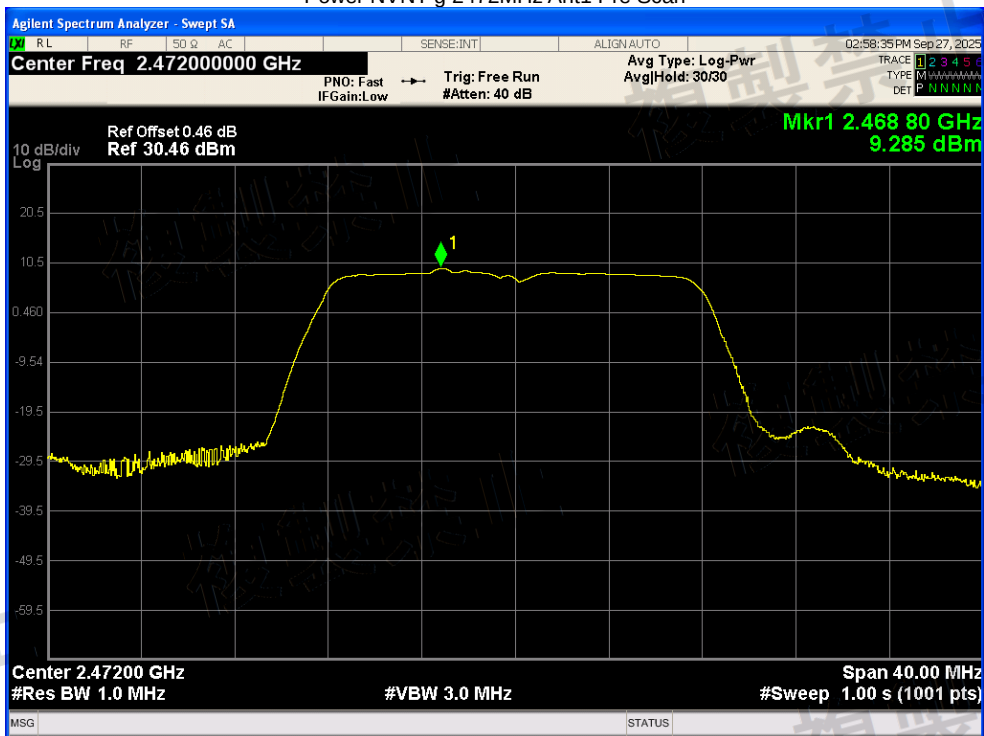
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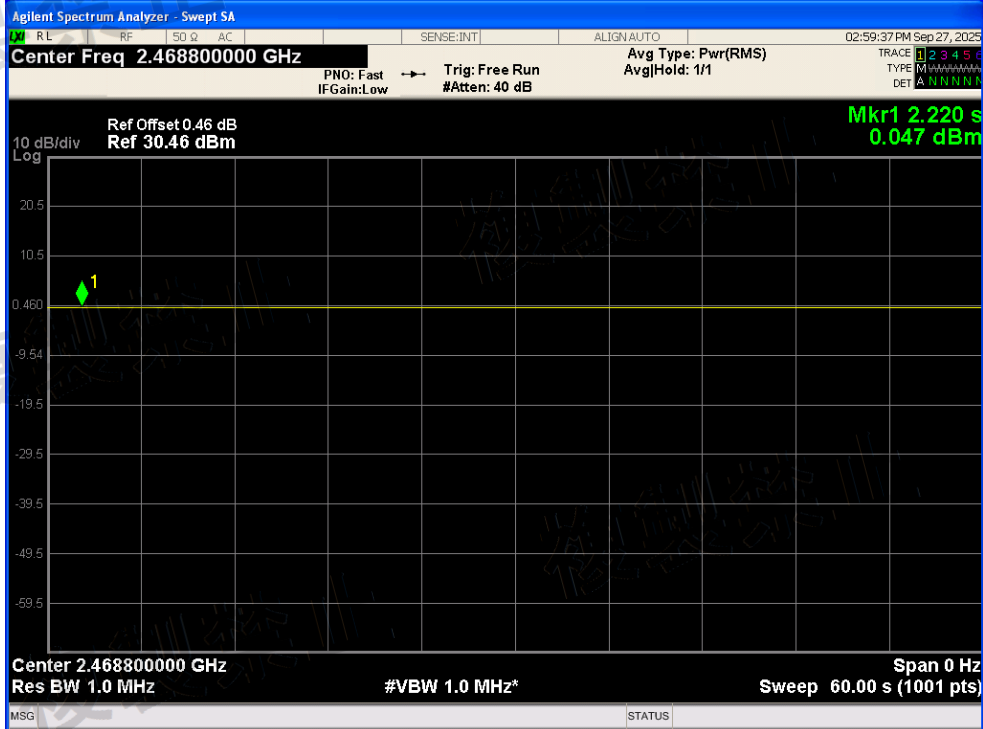
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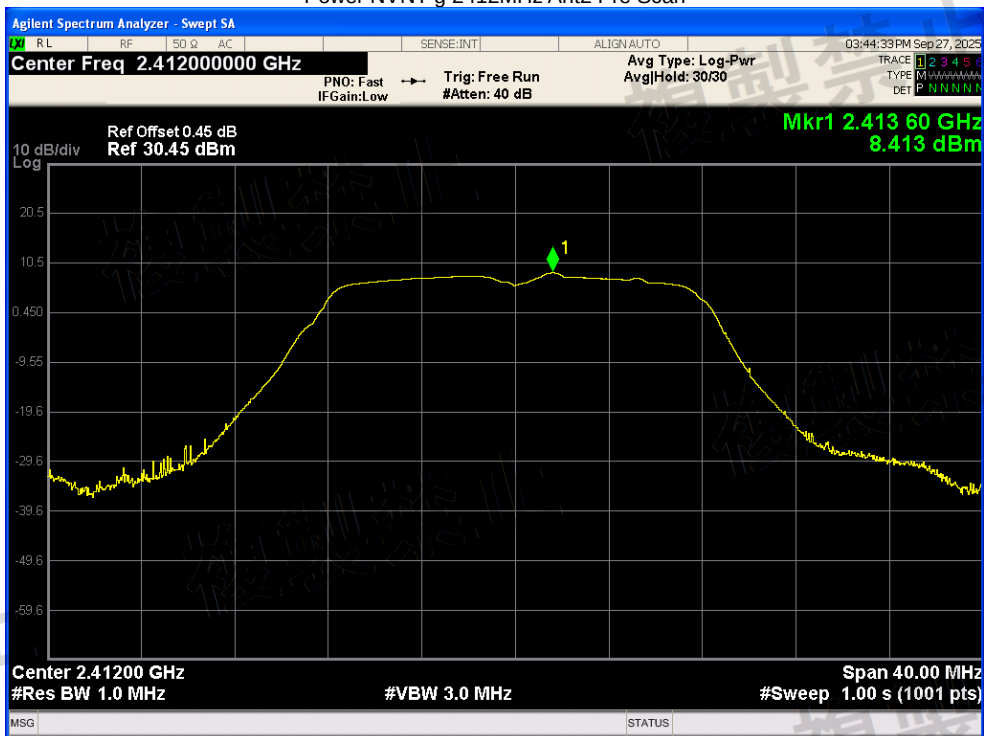
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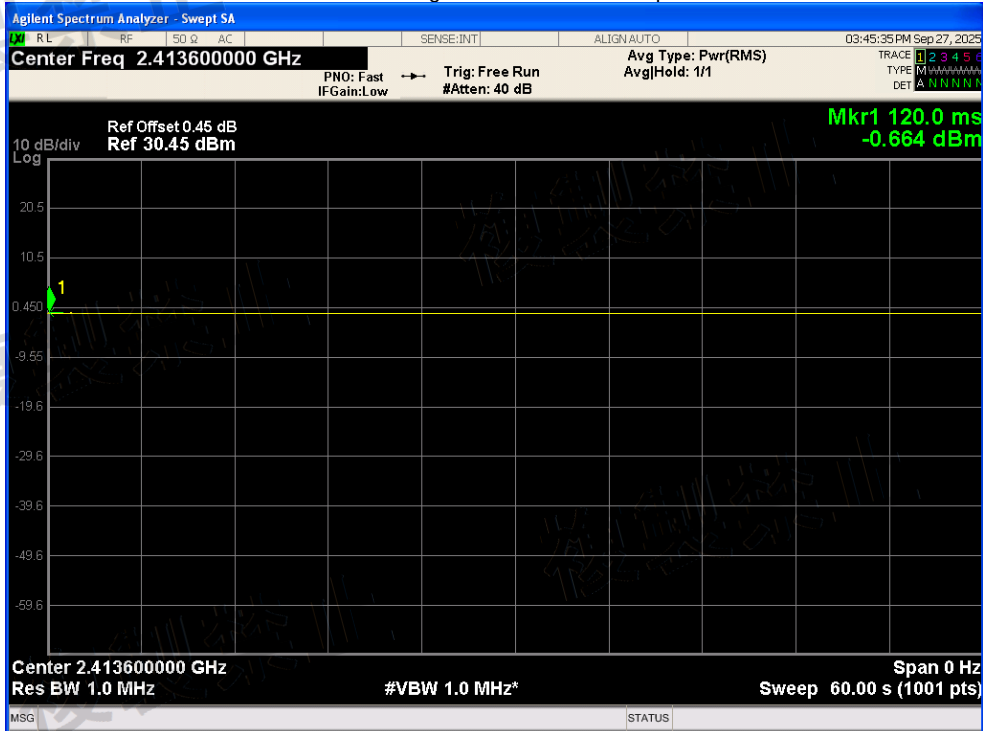
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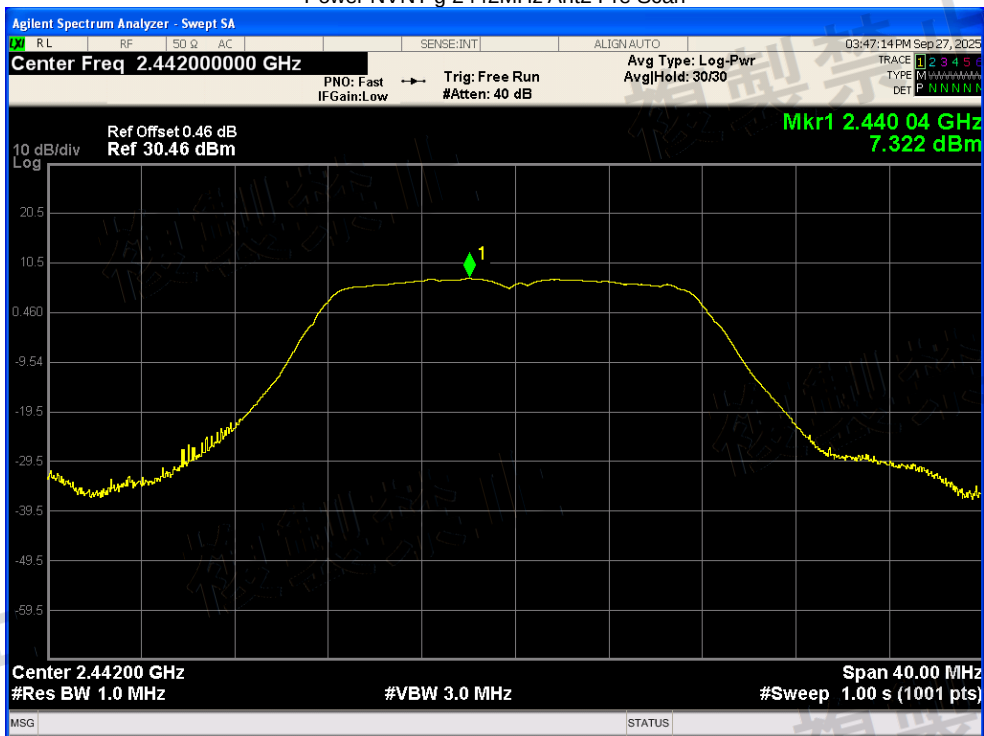
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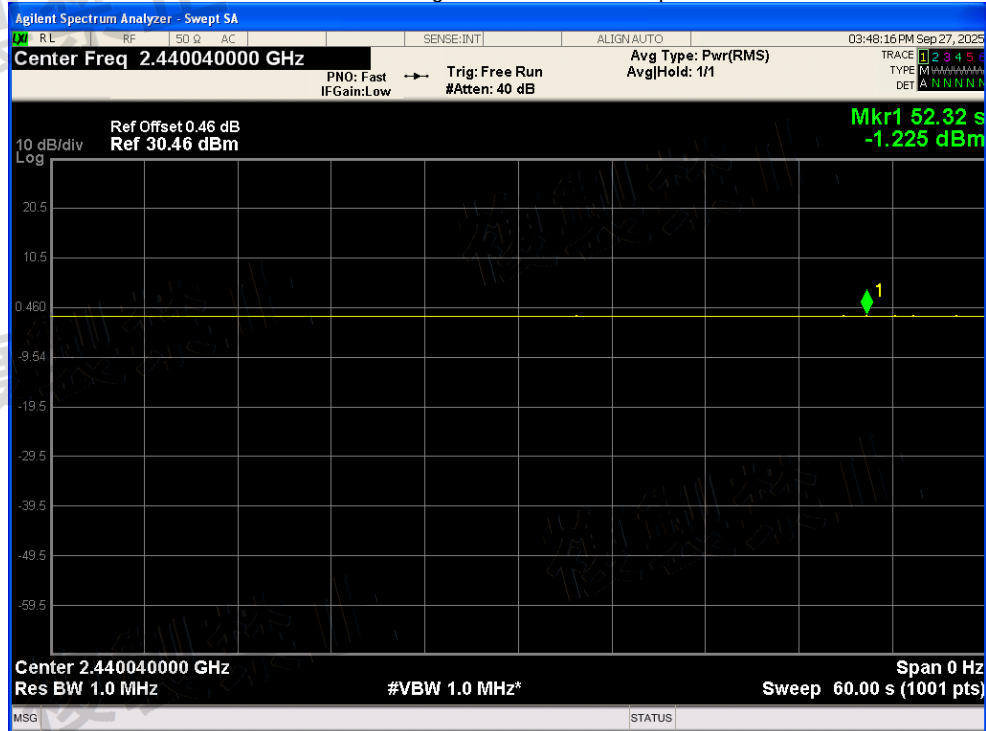
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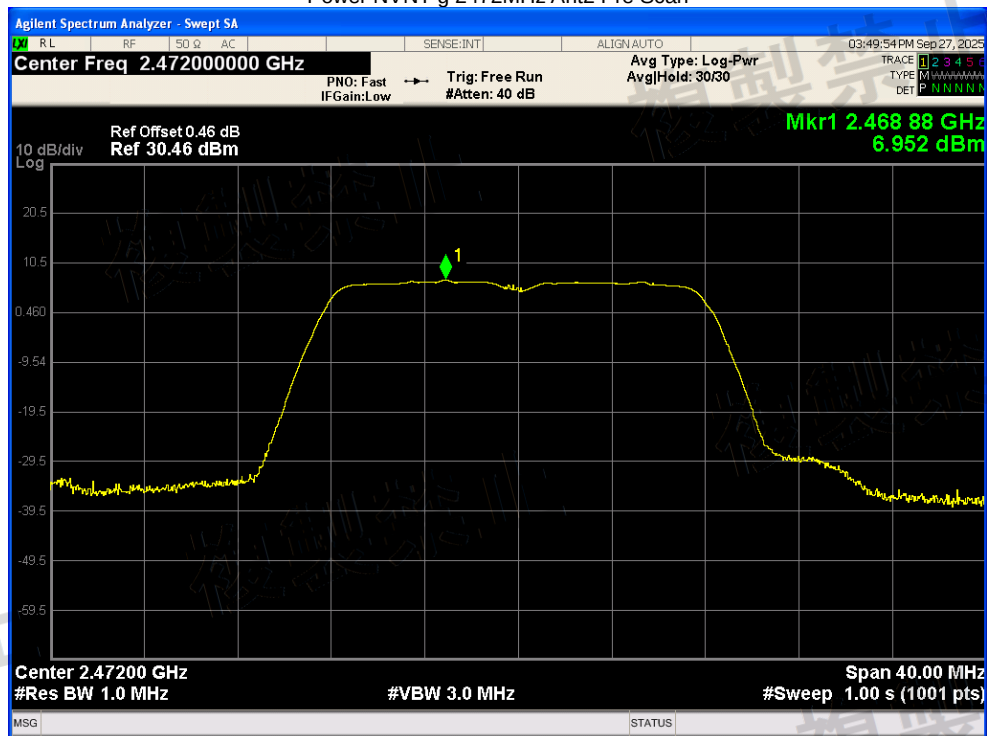
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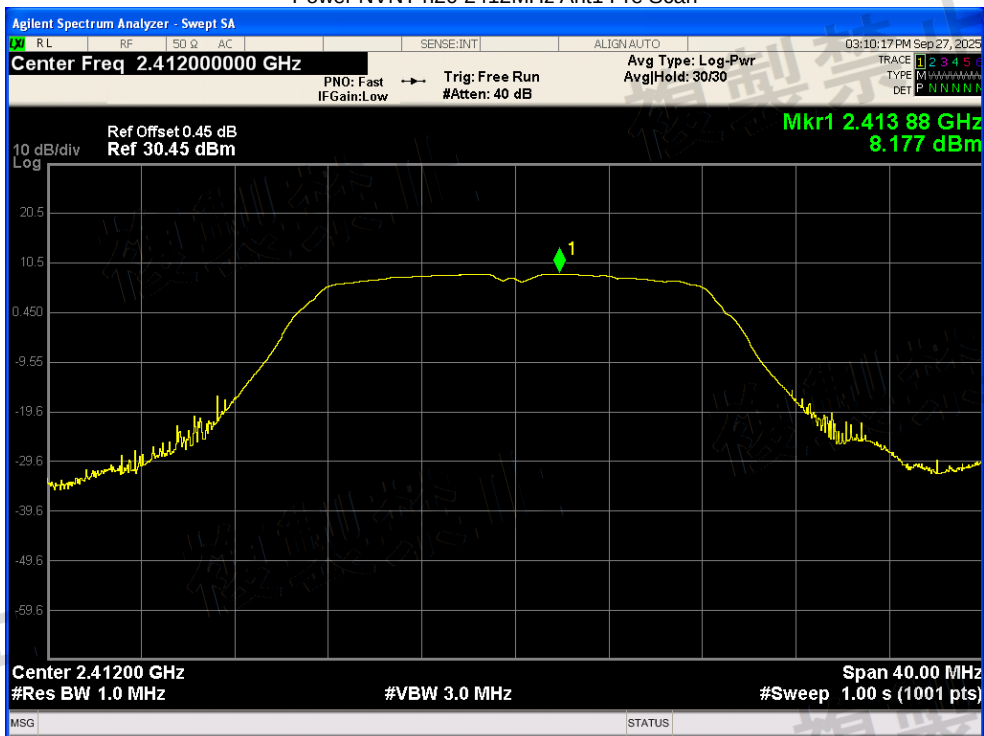
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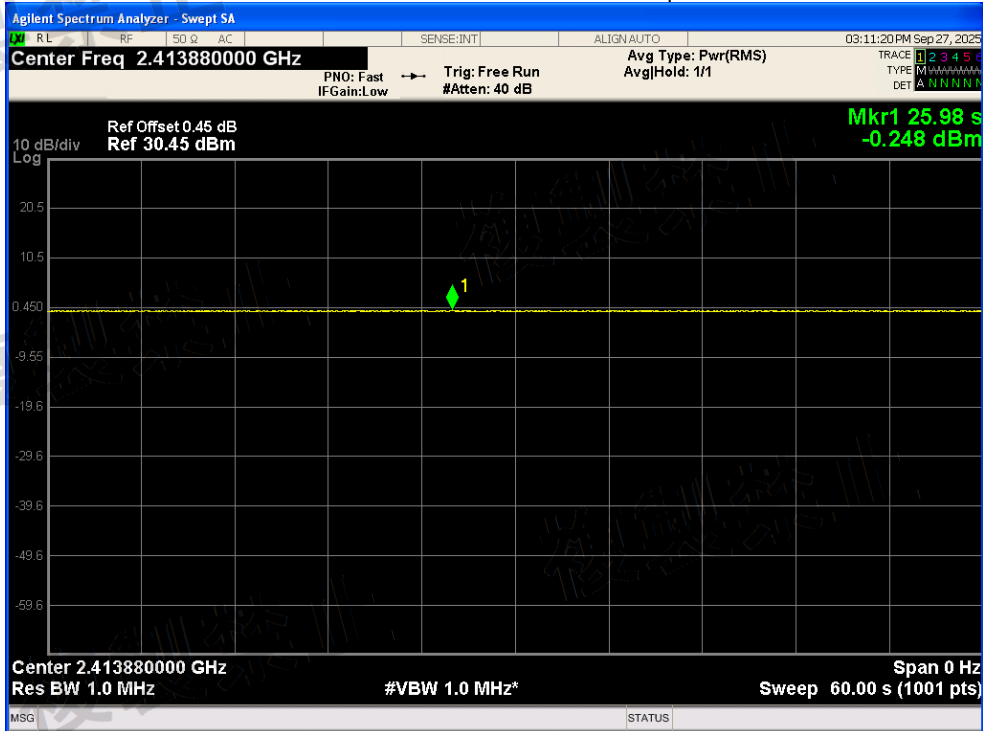
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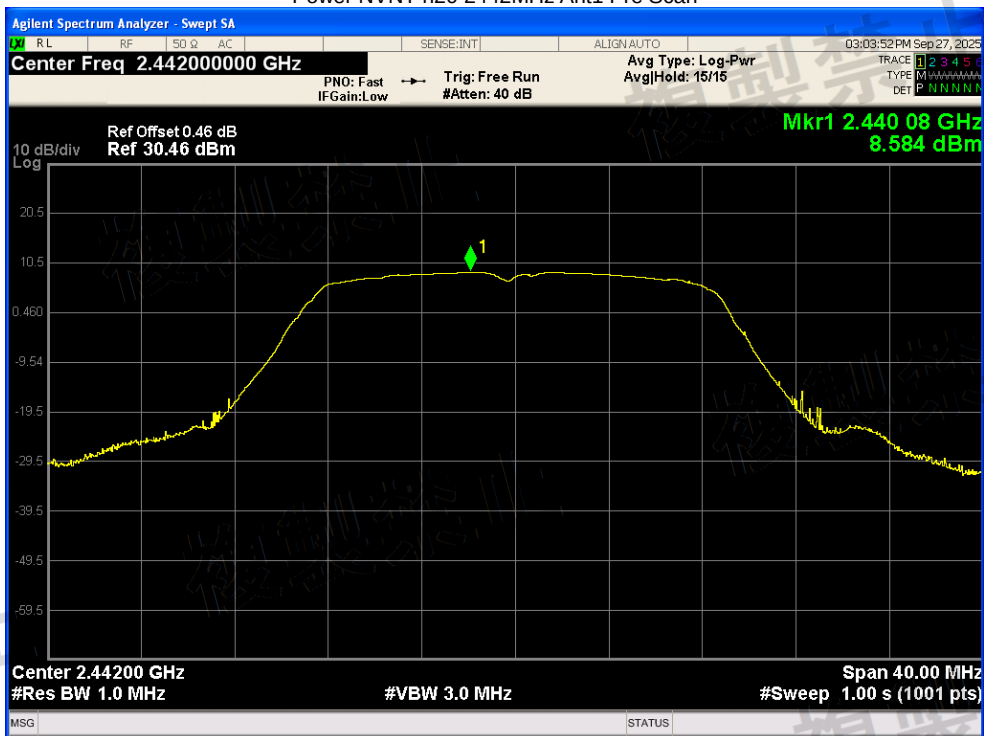
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Power NVNT n20 2412MHz Ant1 Zero Span



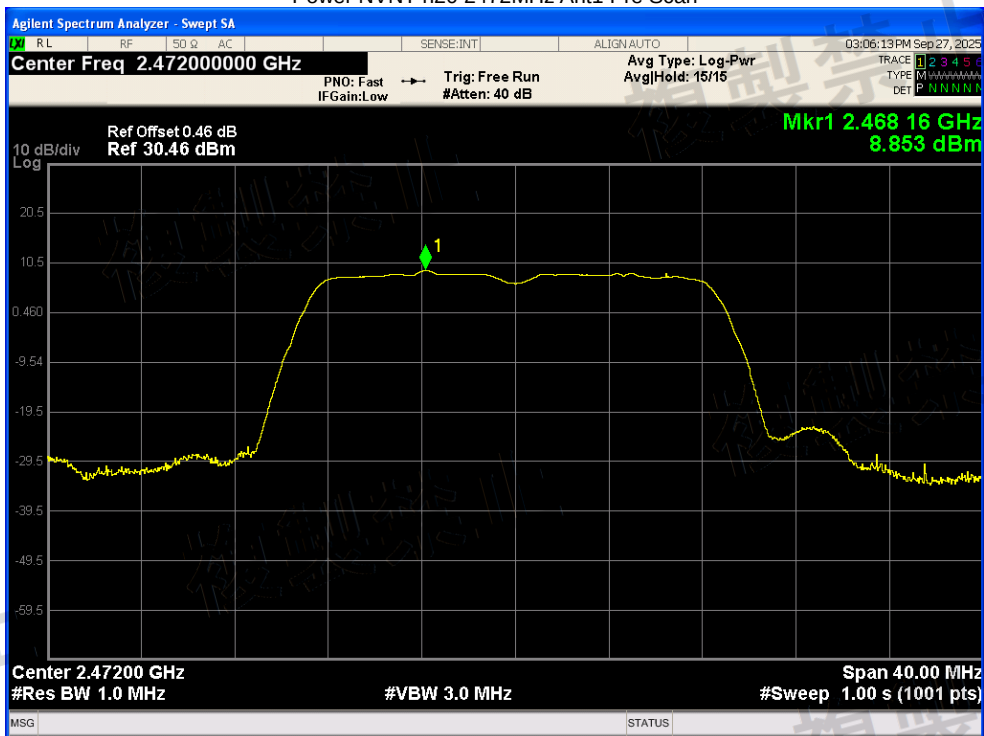
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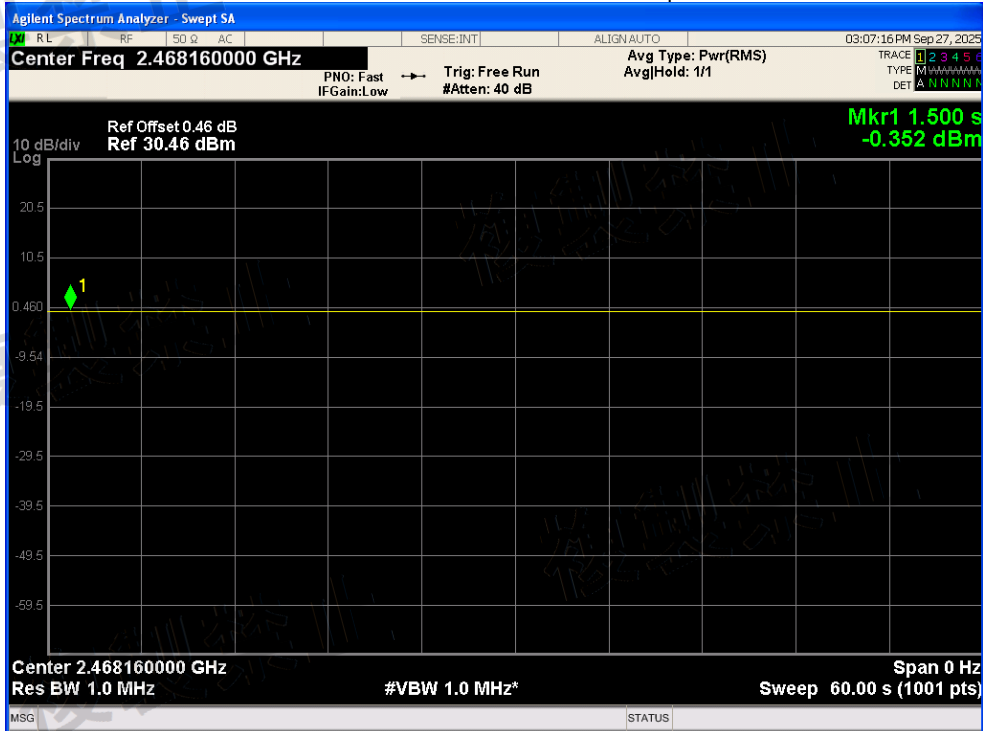
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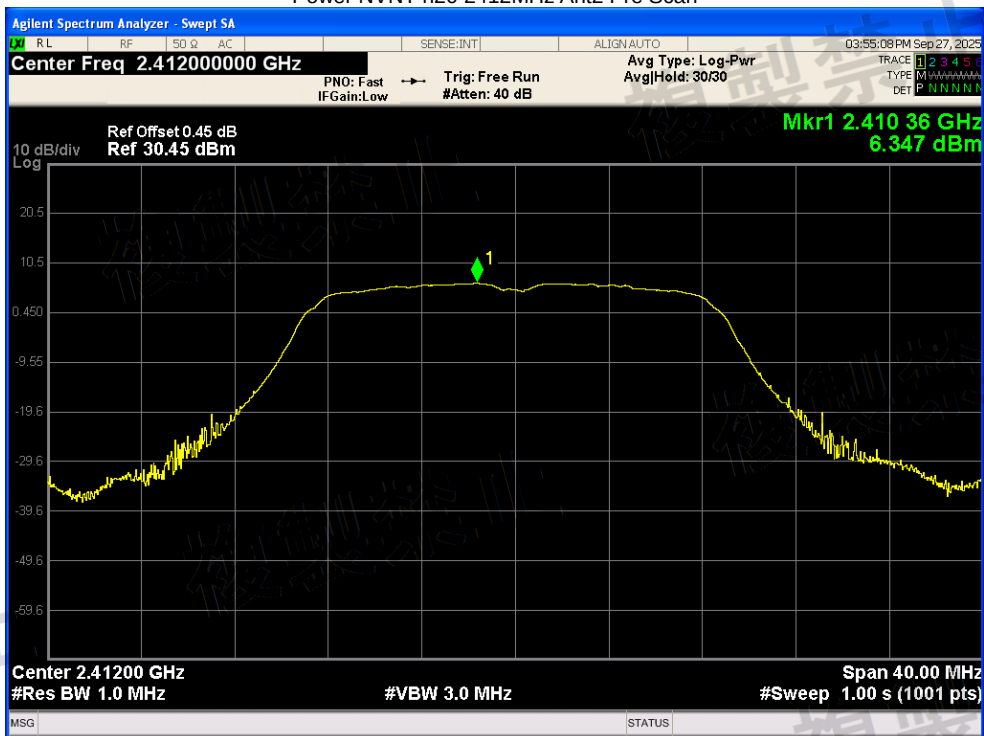
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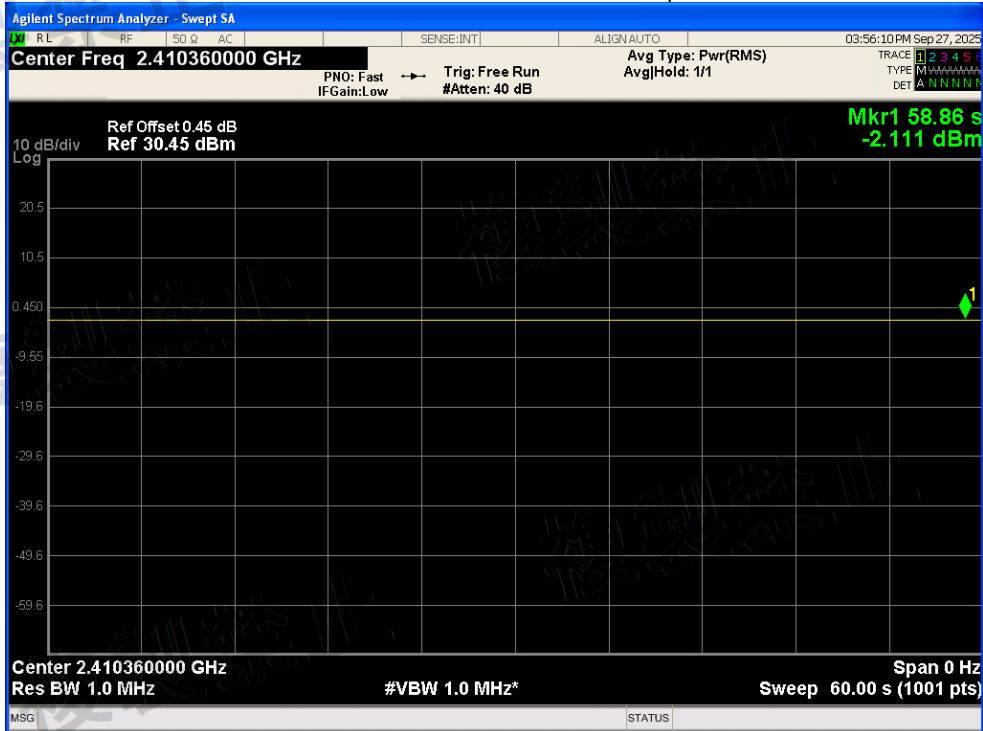
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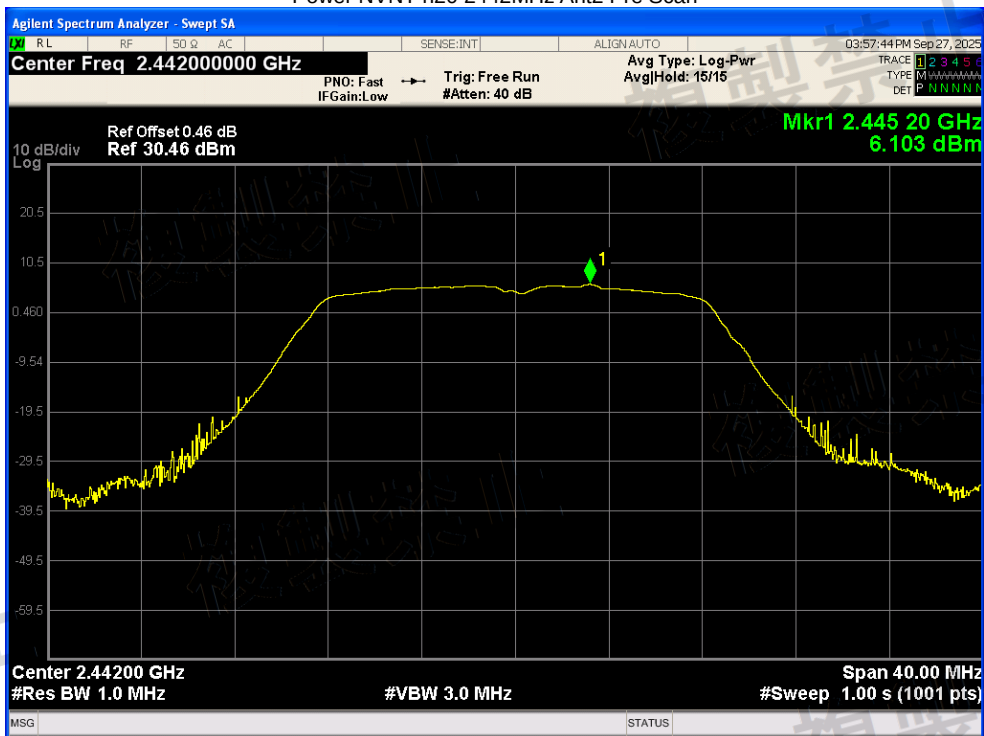
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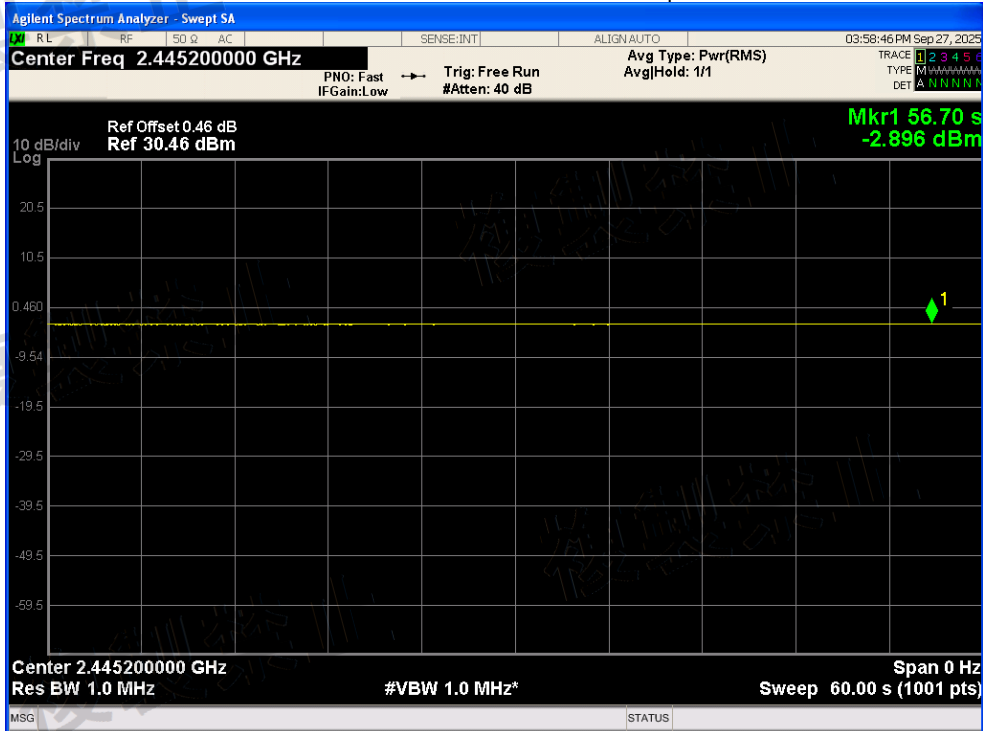
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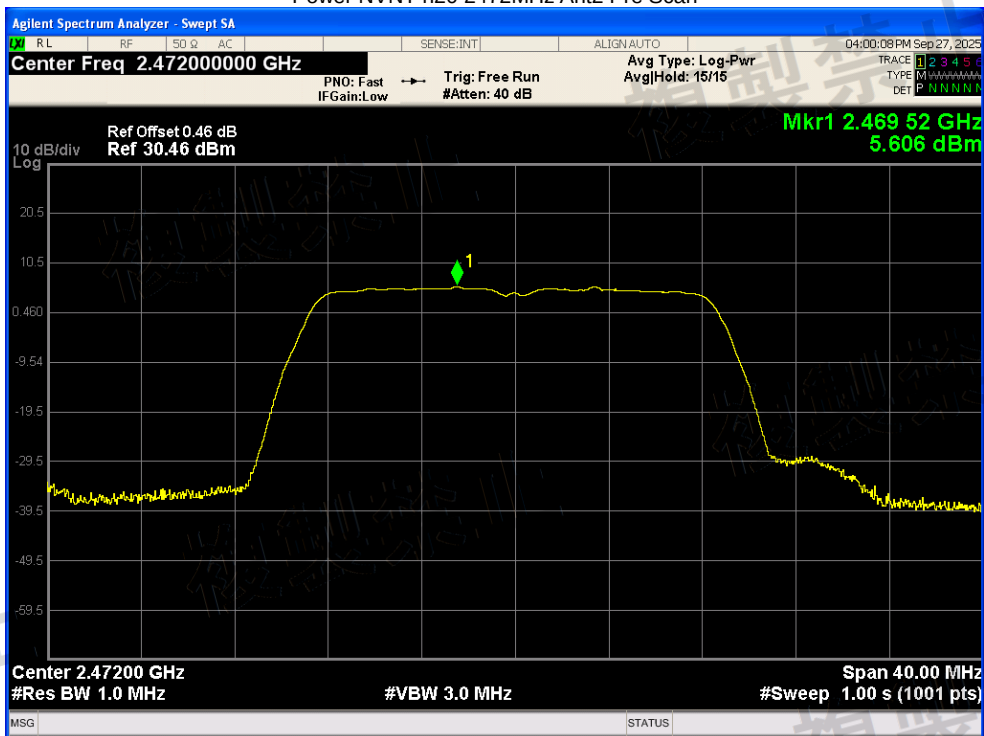
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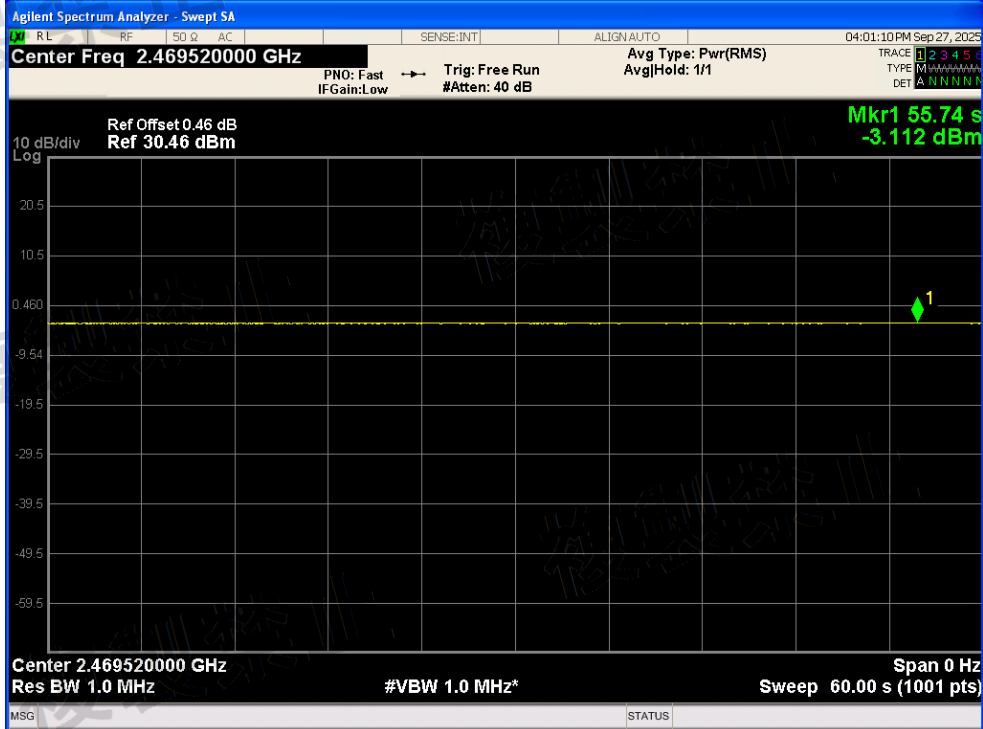
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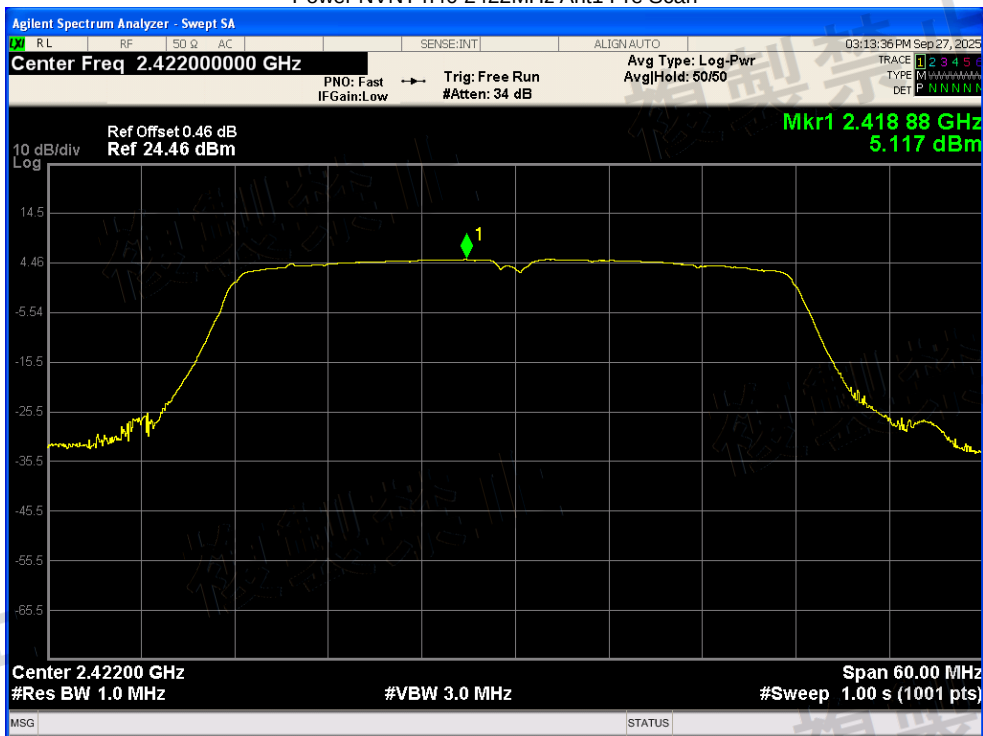
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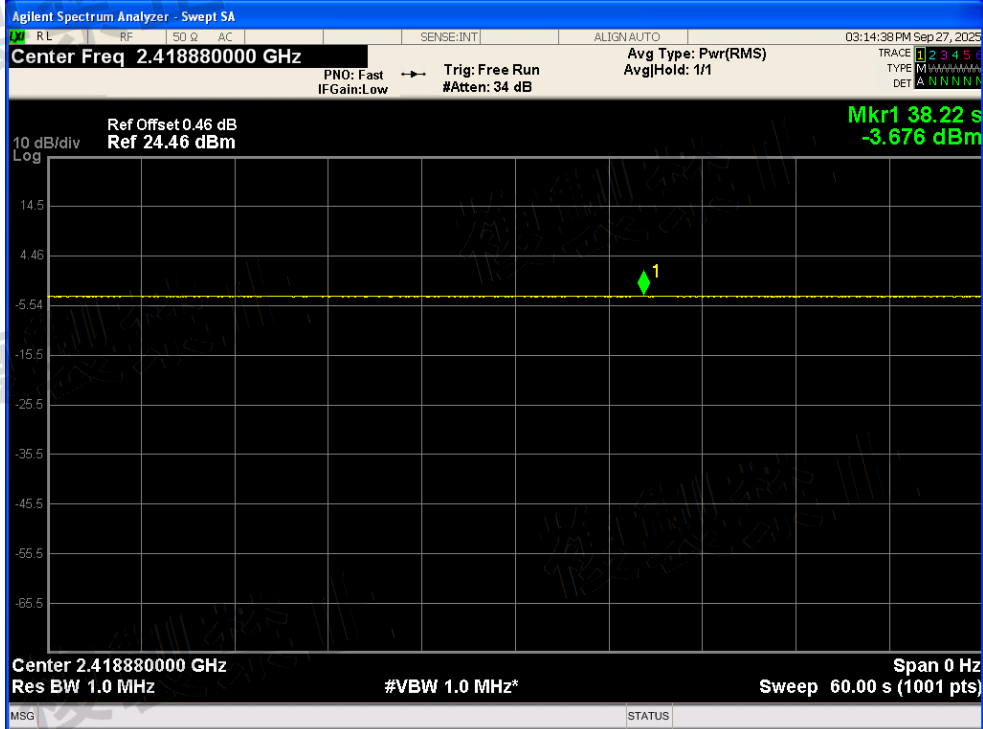
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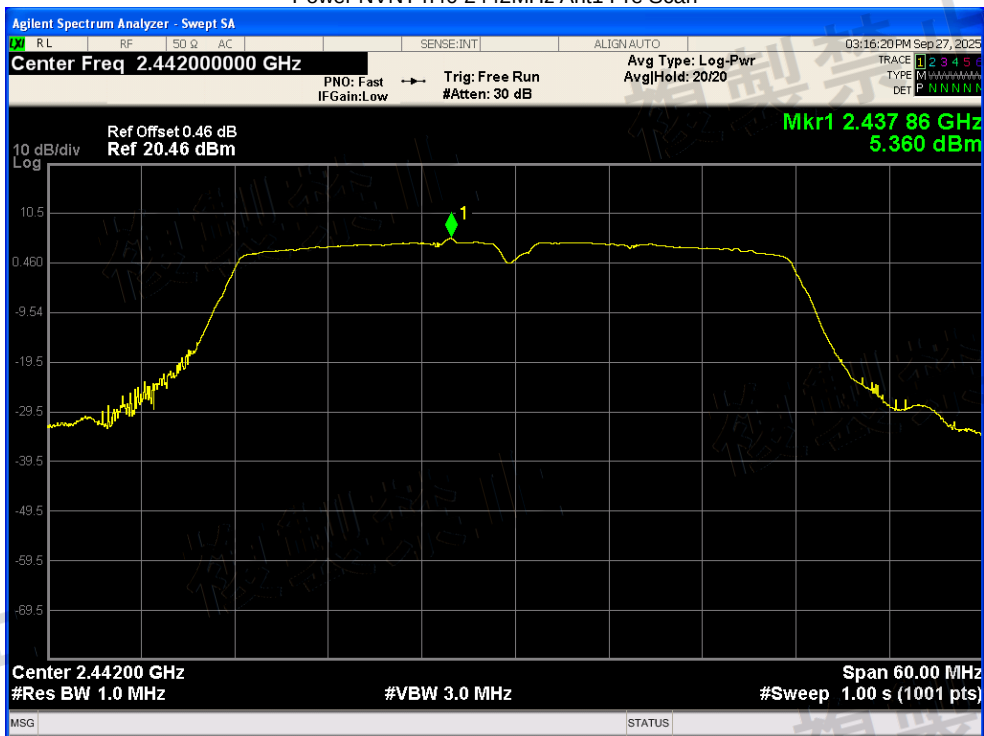
Power NVNT n40 2422MHz Ant1 Pre Scan



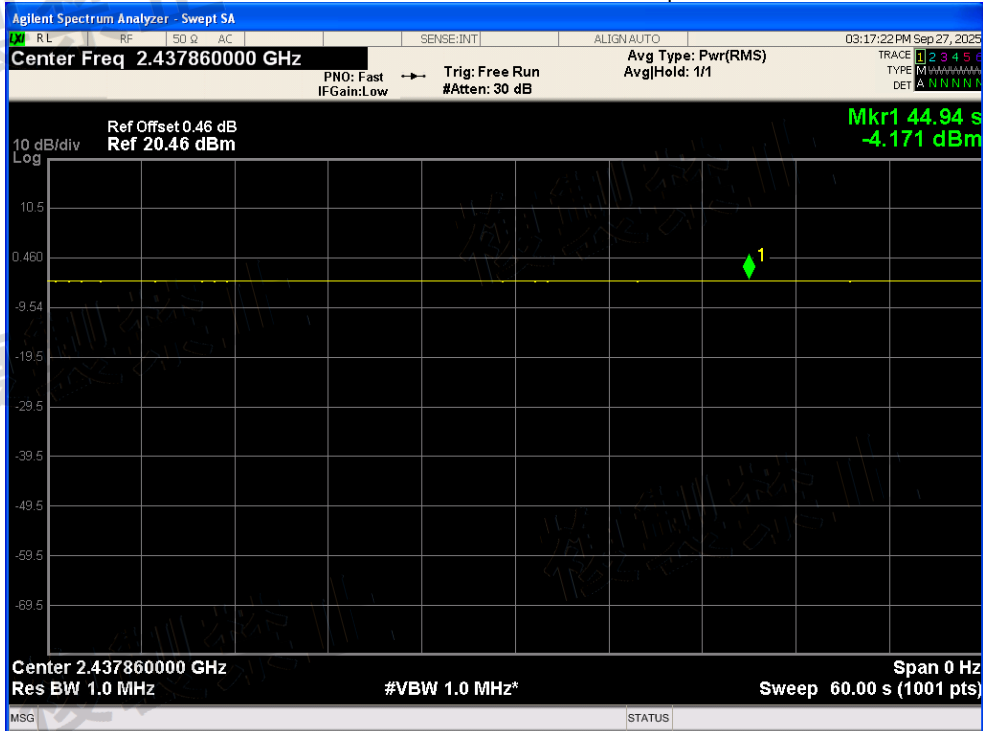
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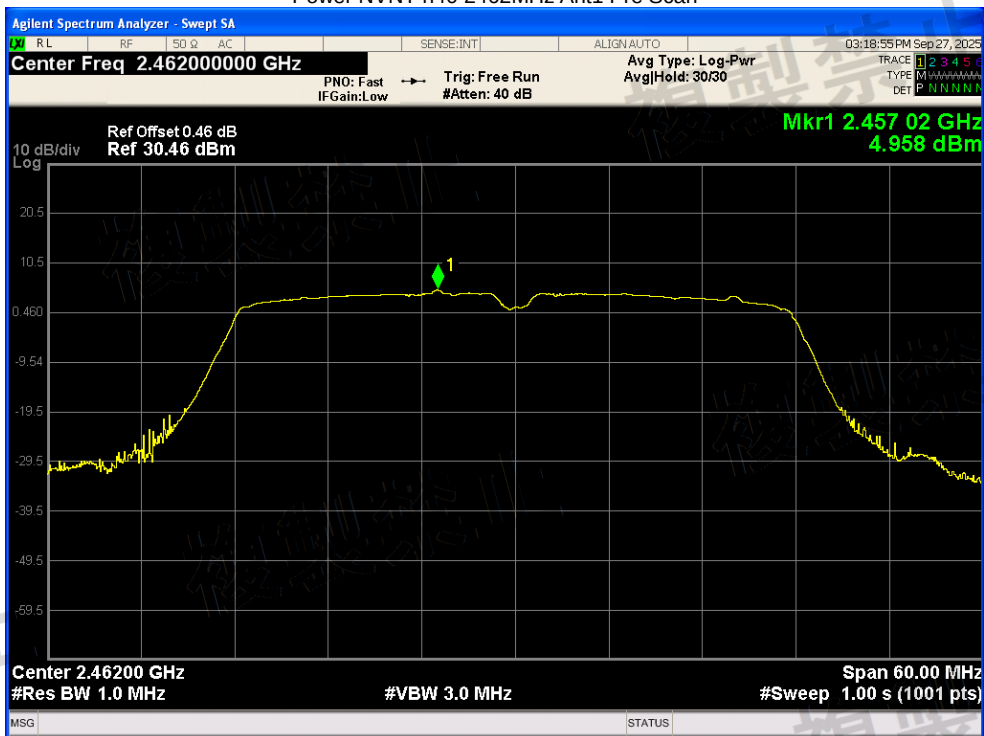
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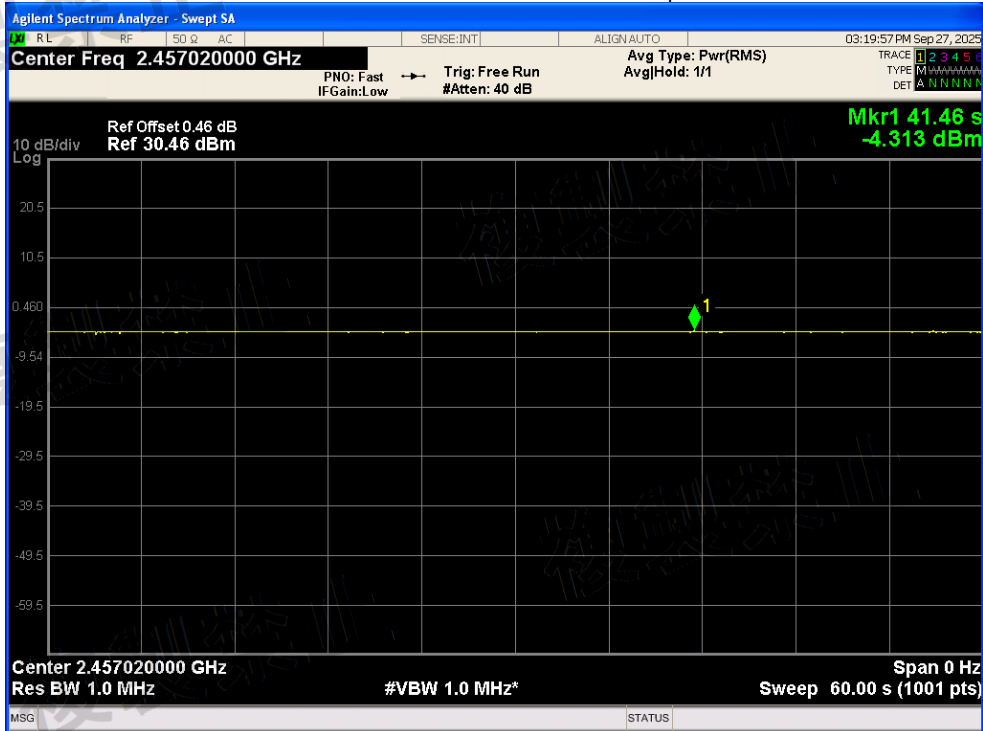
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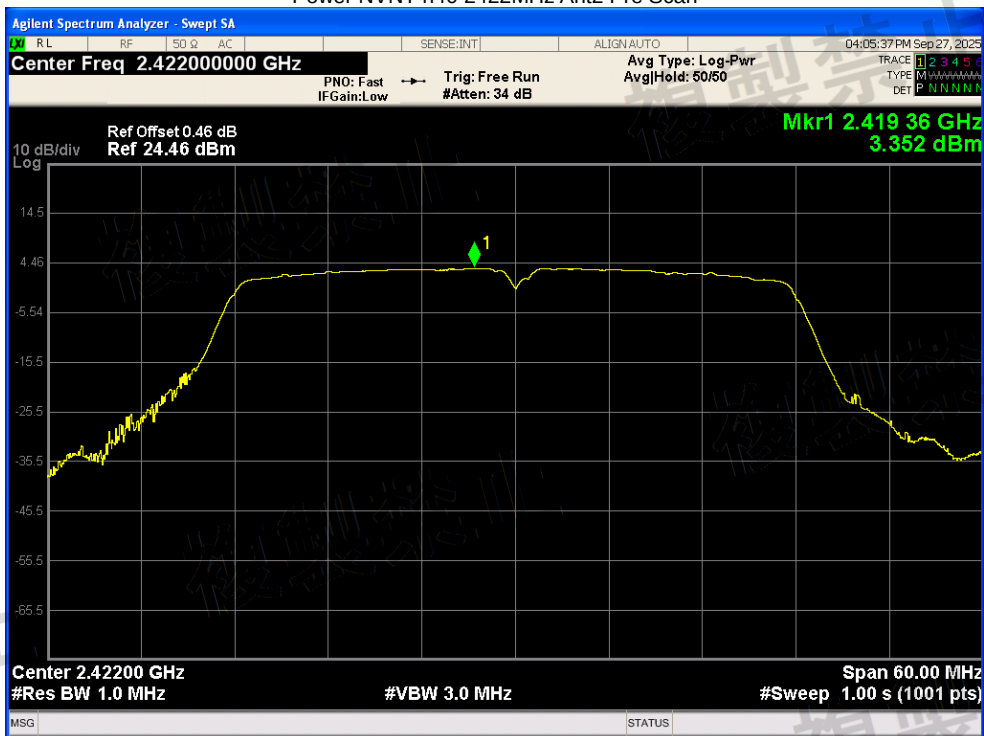
Power NVNT n40 2462MHz Ant1 Pre Scan



Power NVNT n40 2462MHz Ant1 Zero Span



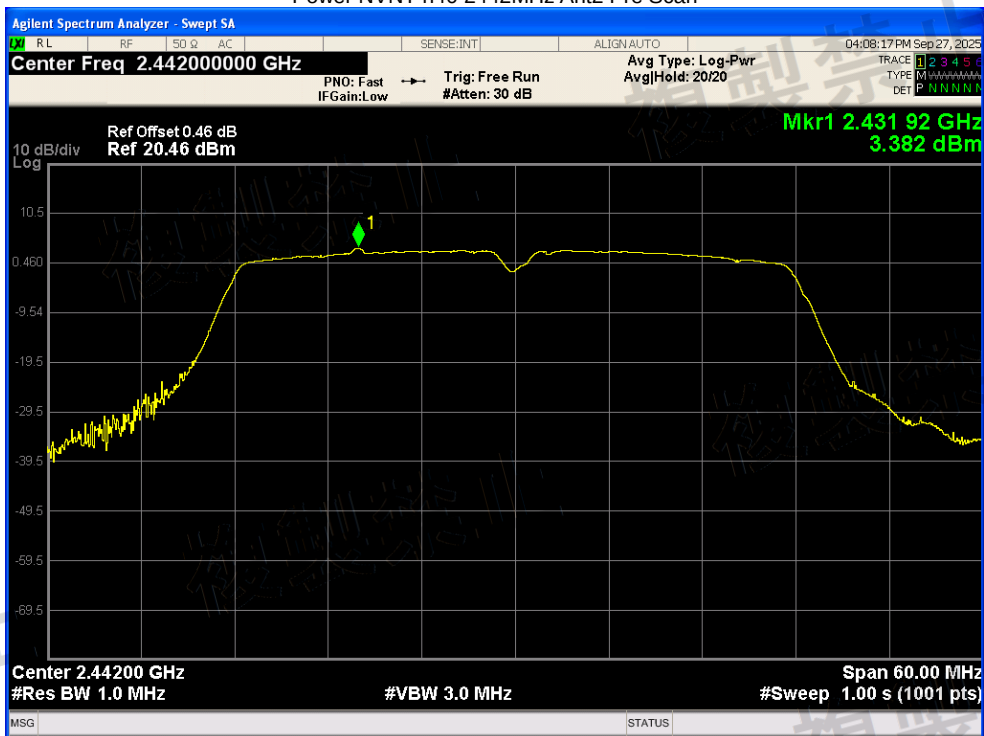
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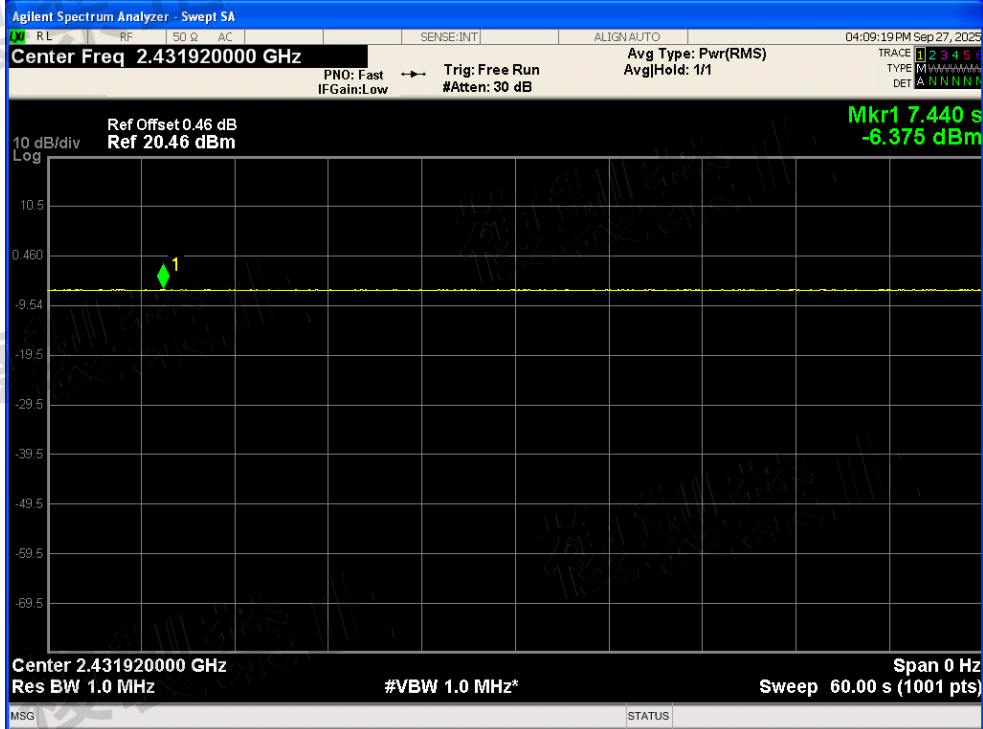
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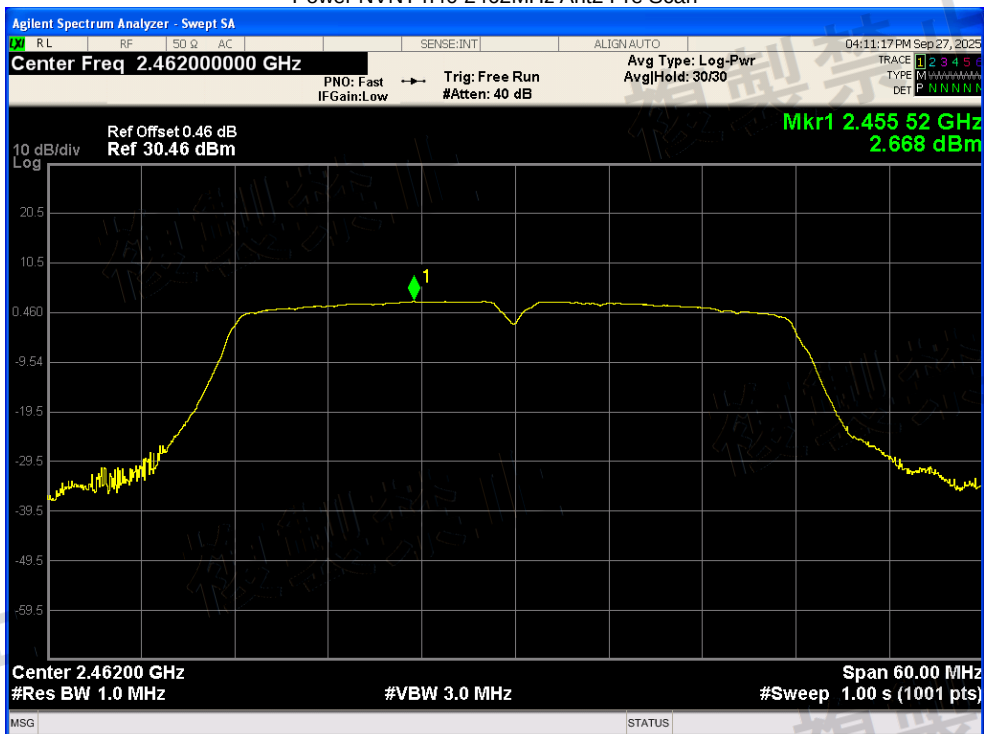
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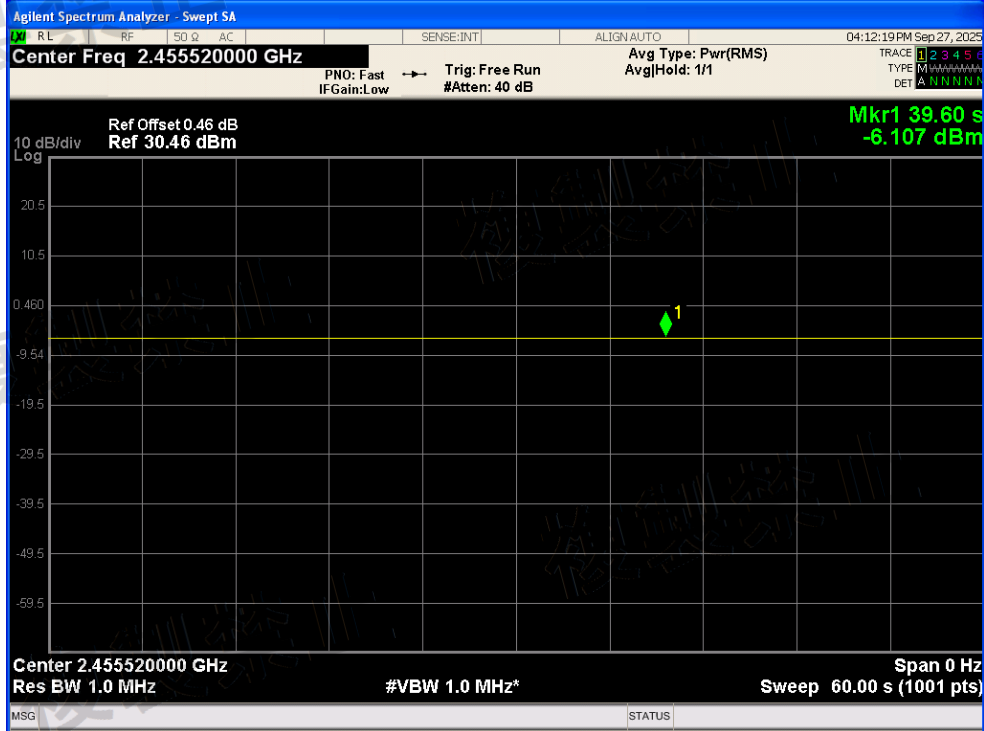
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Power NVNT n40 2462MHz Ant2 Pre Scan



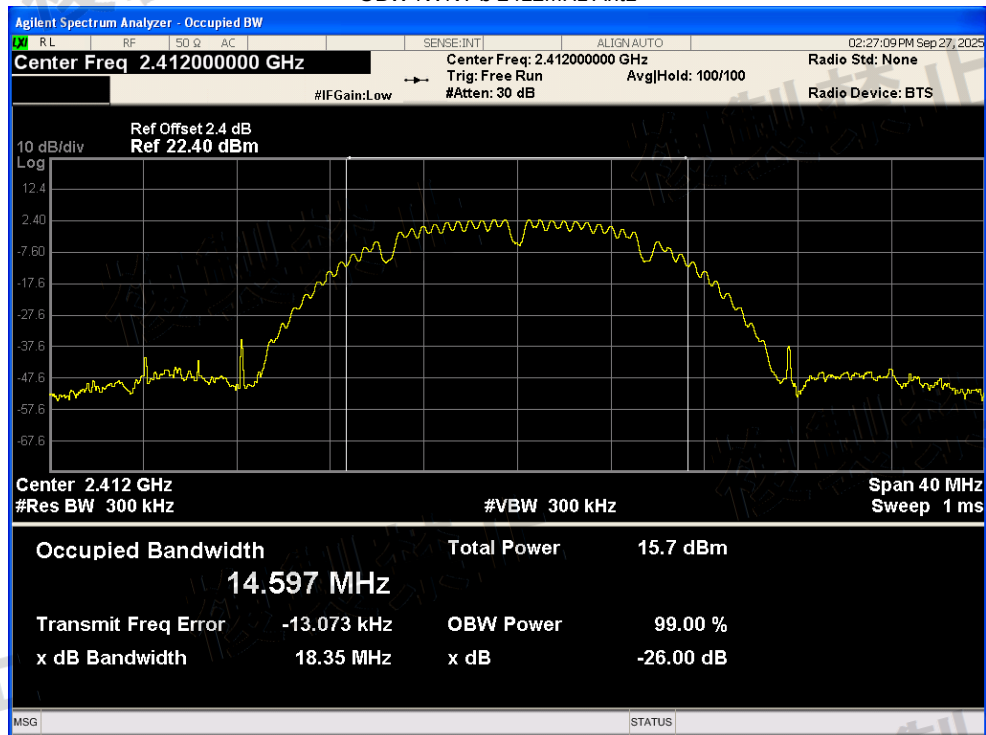
Power NVNT n40 2462MHz Ant2 Zero Span



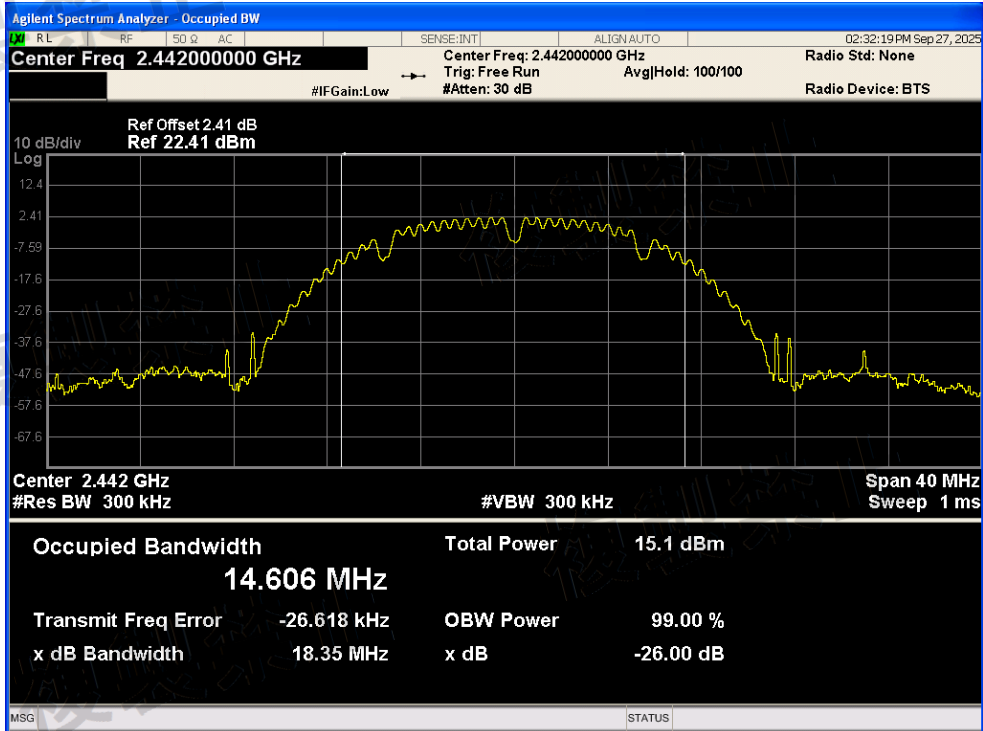
12.2 OCCUPIED CHANNEL BANDWIDTH

Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	b	2412	Ant1	14.597
NVNT	b	2442	Ant1	14.606
NVNT	b	2472	Ant1	14.586
NVNT	b	2412	Ant2	14.539
NVNT	b	2442	Ant2	14.544
NVNT	b	2472	Ant2	14.546
NVNT	g	2412	Ant1	16.513
NVNT	g	2442	Ant1	16.481
NVNT	g	2472	Ant1	16.389
NVNT	g	2412	Ant2	16.45
NVNT	g	2442	Ant2	16.478
NVNT	g	2472	Ant2	16.373
NVNT	n20	2412	Ant1	17.679
NVNT	n20	2442	Ant1	17.624
NVNT	n20	2472	Ant1	17.556
NVNT	n20	2412	Ant2	17.646
NVNT	n20	2442	Ant2	17.635
NVNT	n20	2472	Ant2	17.558
NVNT	n40	2422	Ant1	36.03
NVNT	n40	2442	Ant1	36.014
NVNT	n40	2462	Ant1	36.003
NVNT	n40	2422	Ant2	36.008
NVNT	n40	2442	Ant2	36.024
NVNT	n40	2462	Ant2	36

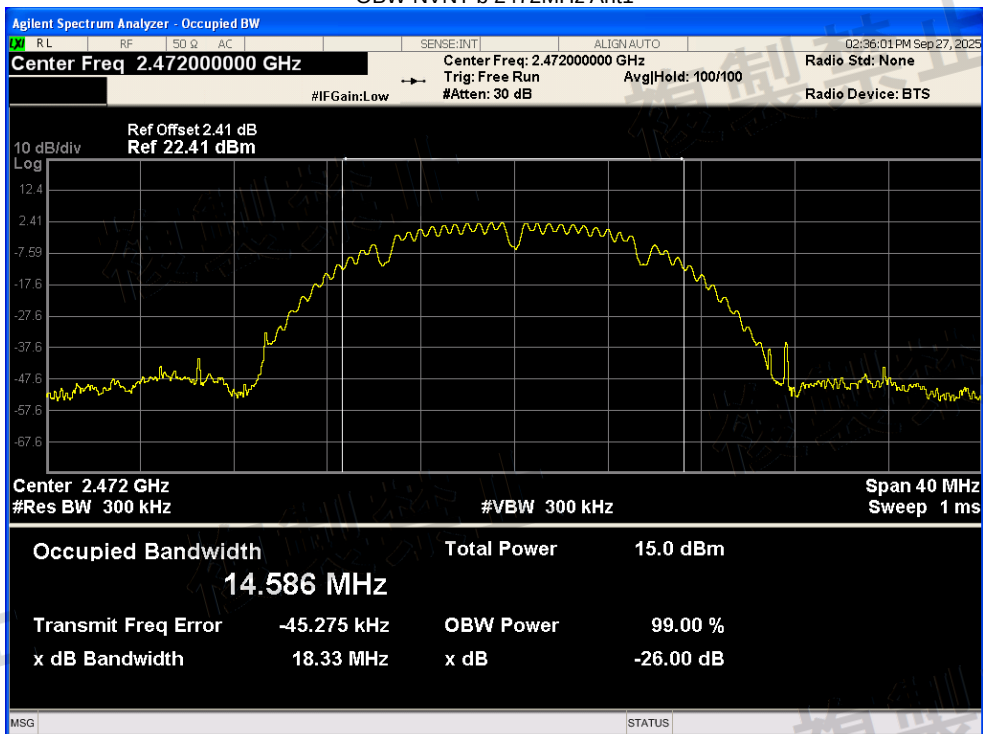
OBW NVNT b 2412MHz Ant1



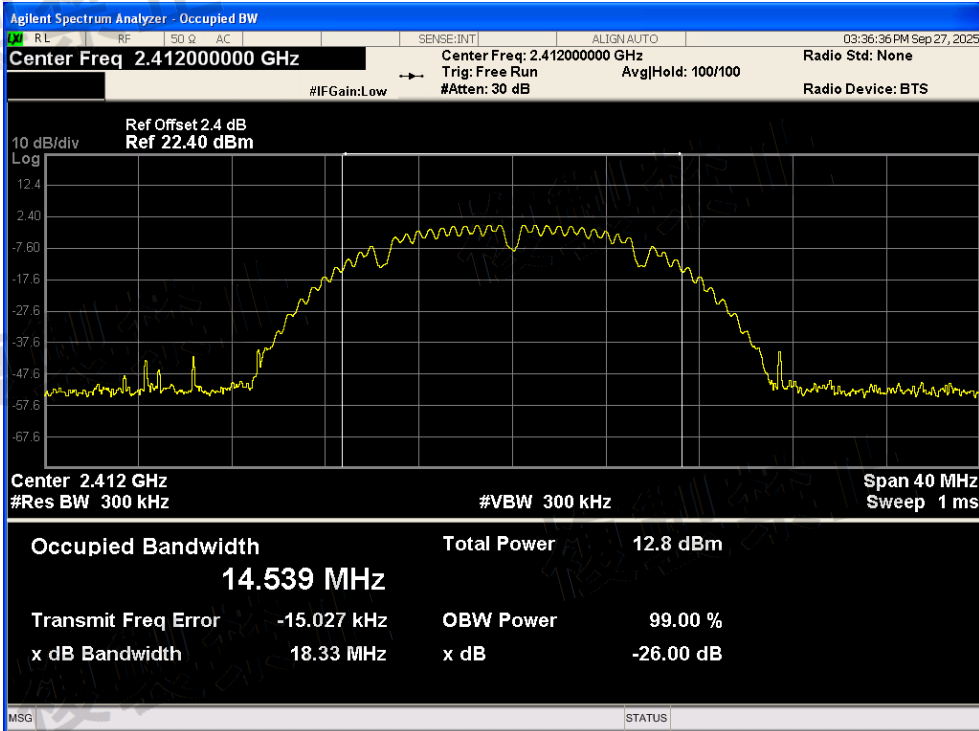
OBW NVNT b 2442MHz Ant1



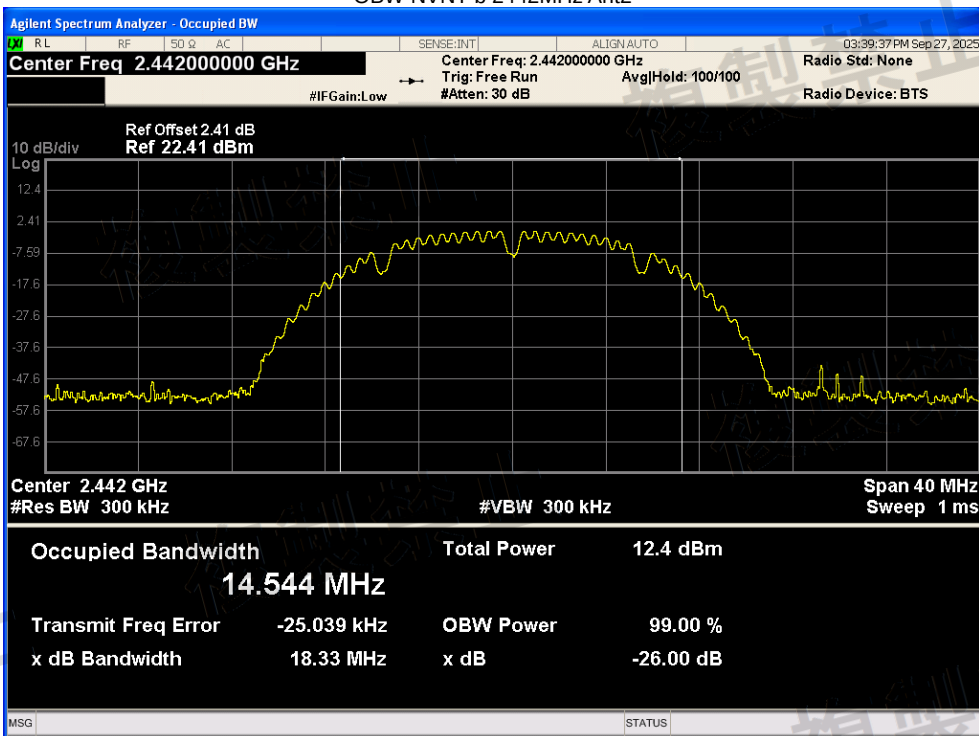
OBW NVNT b 2472MHz Ant1



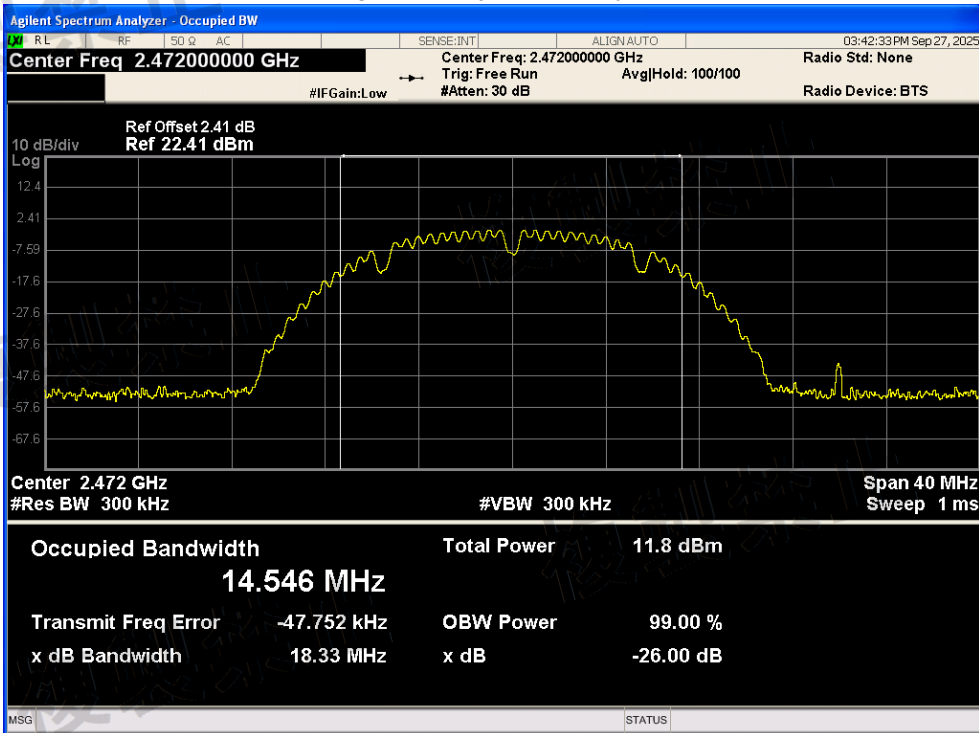
OBW NVNT b 2412MHz Ant2



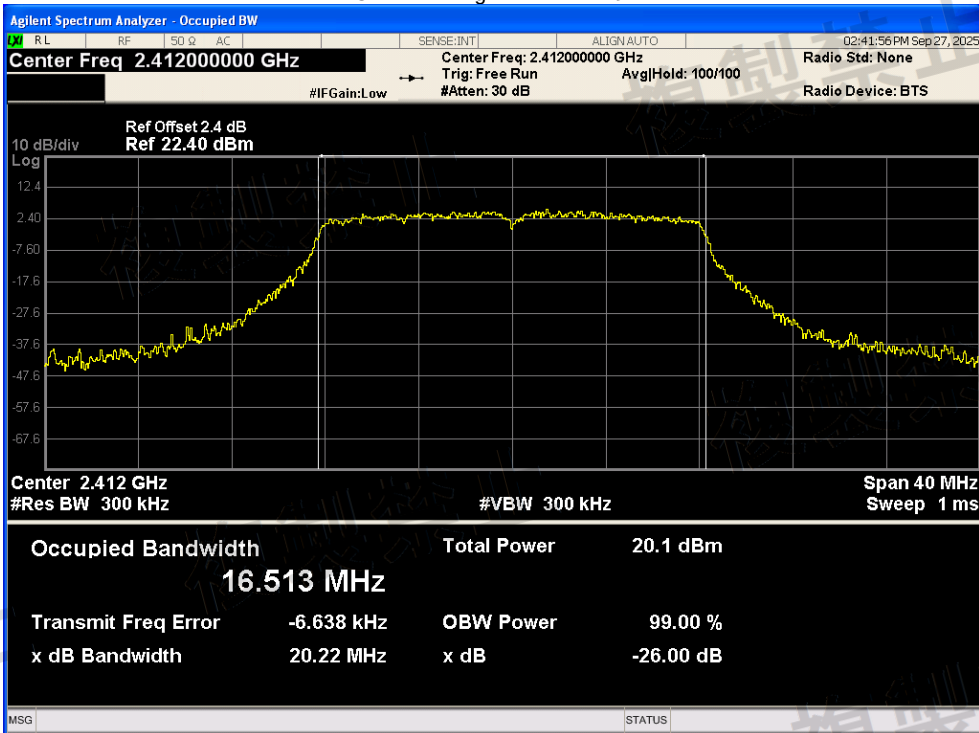
OBW NVNT b 2442MHz Ant2



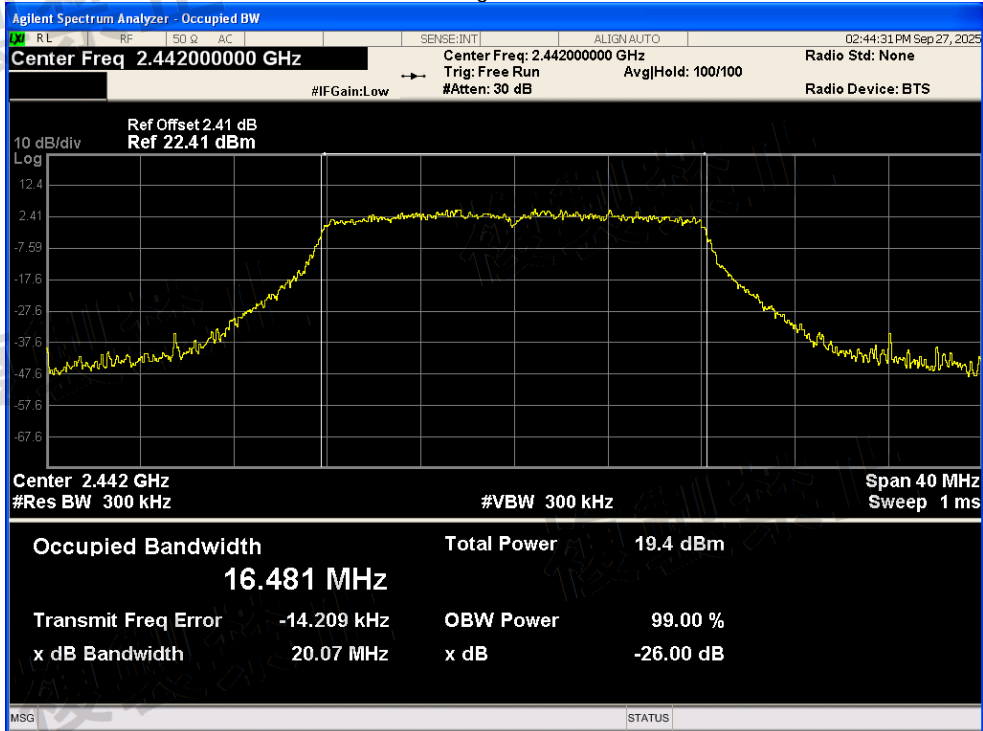
OBW NVNT b 2472MHz Ant2



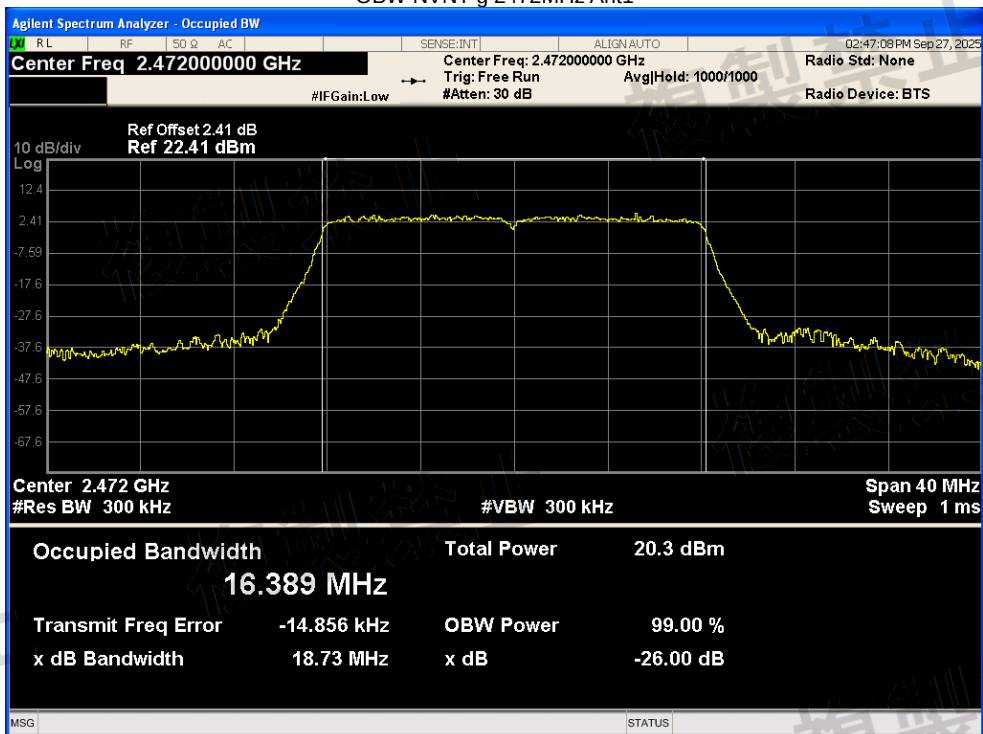
OBW NVNT g 2412MHz Ant1



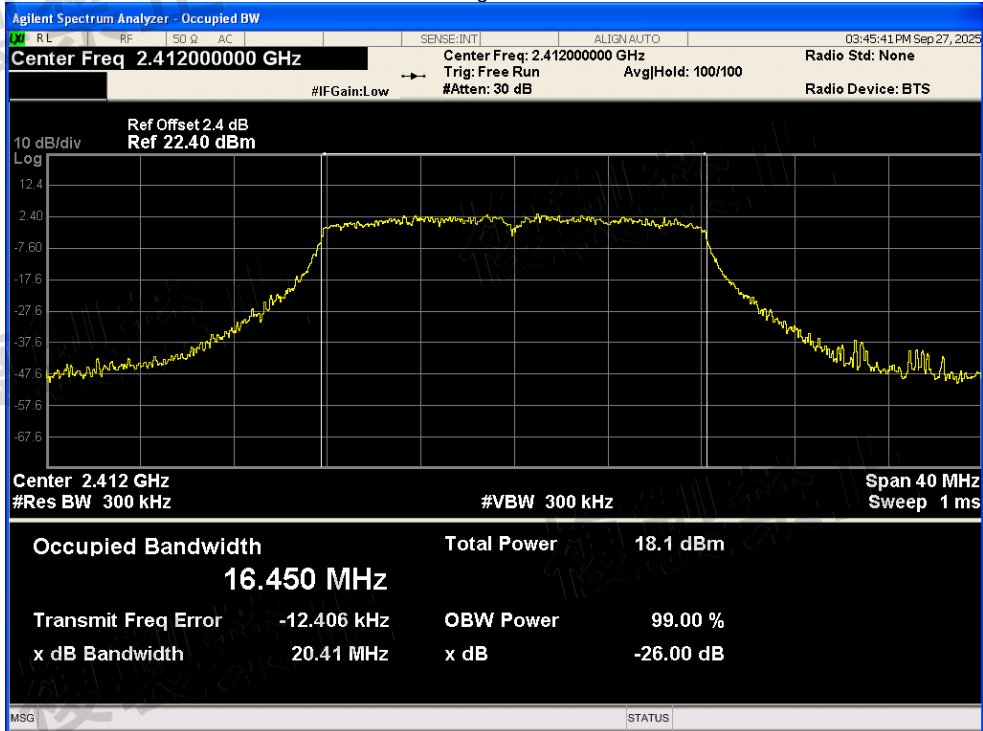
OBW NVNT g 2442MHz Ant1



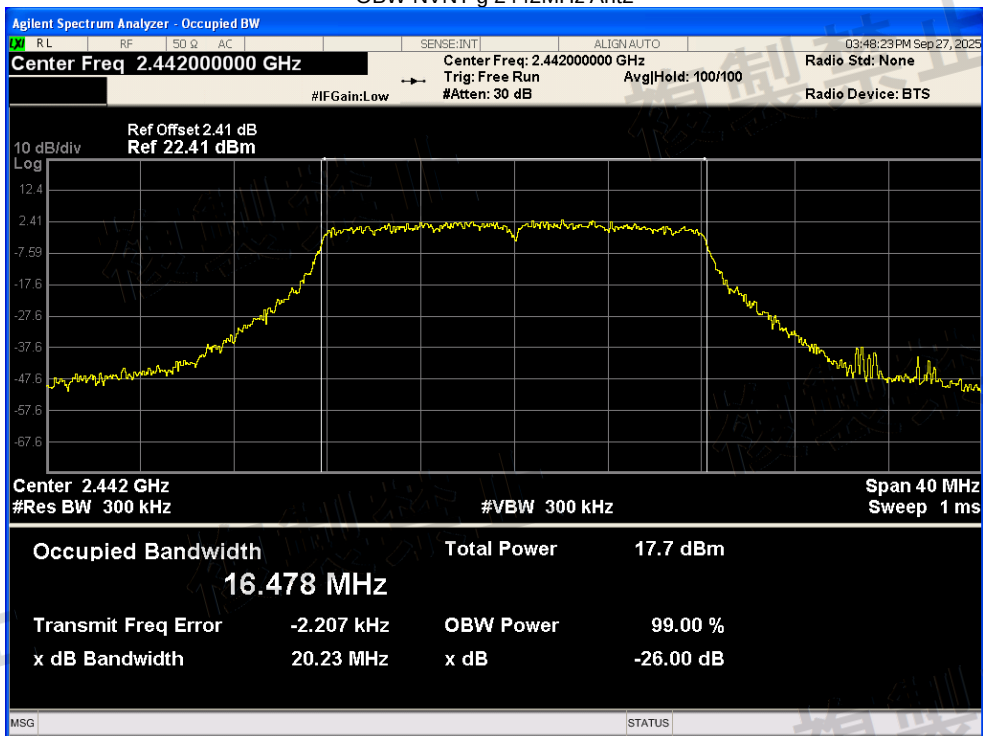
OBW NVNT g 2472MHz Ant1



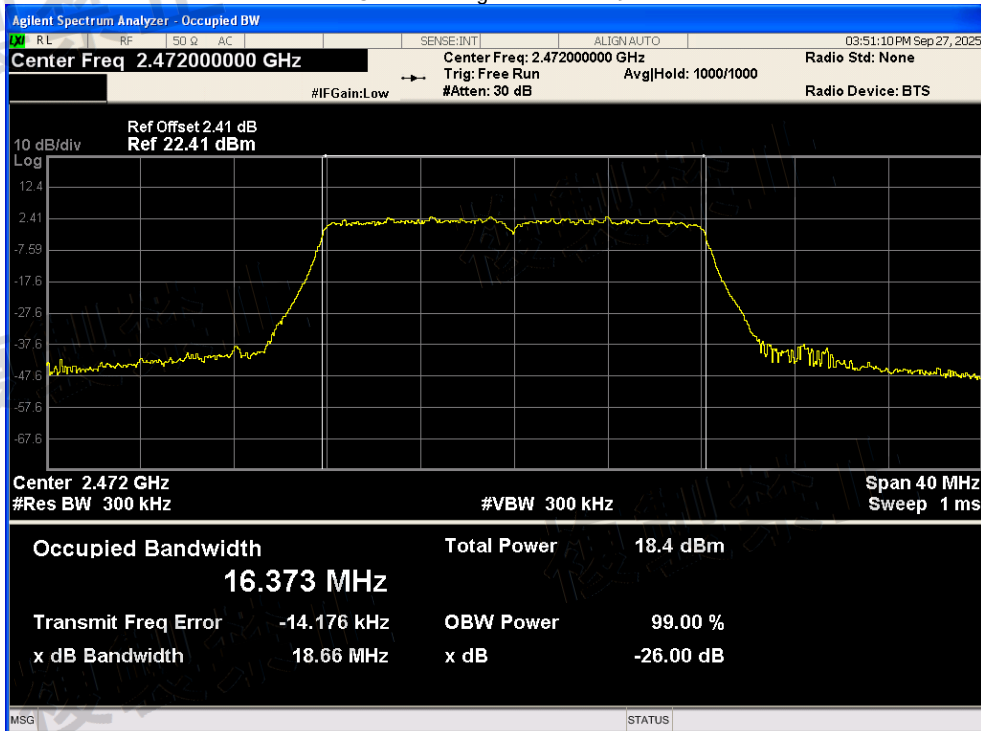
OBW NVNT g 2412MHz Ant2



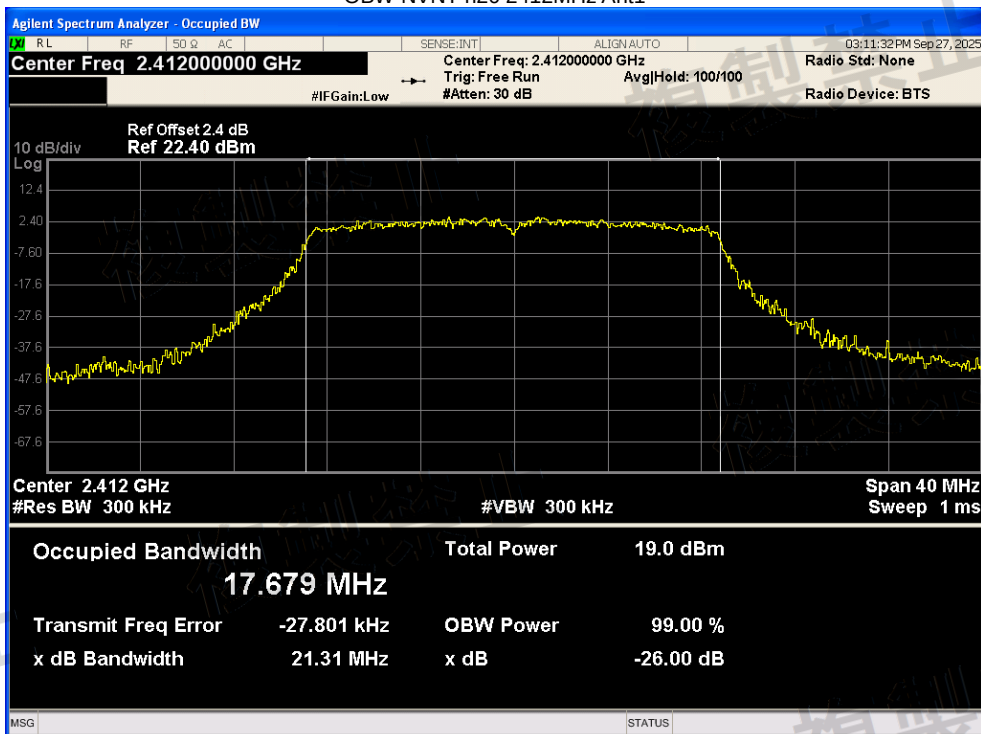
OBW NVNT g 2442MHz Ant2



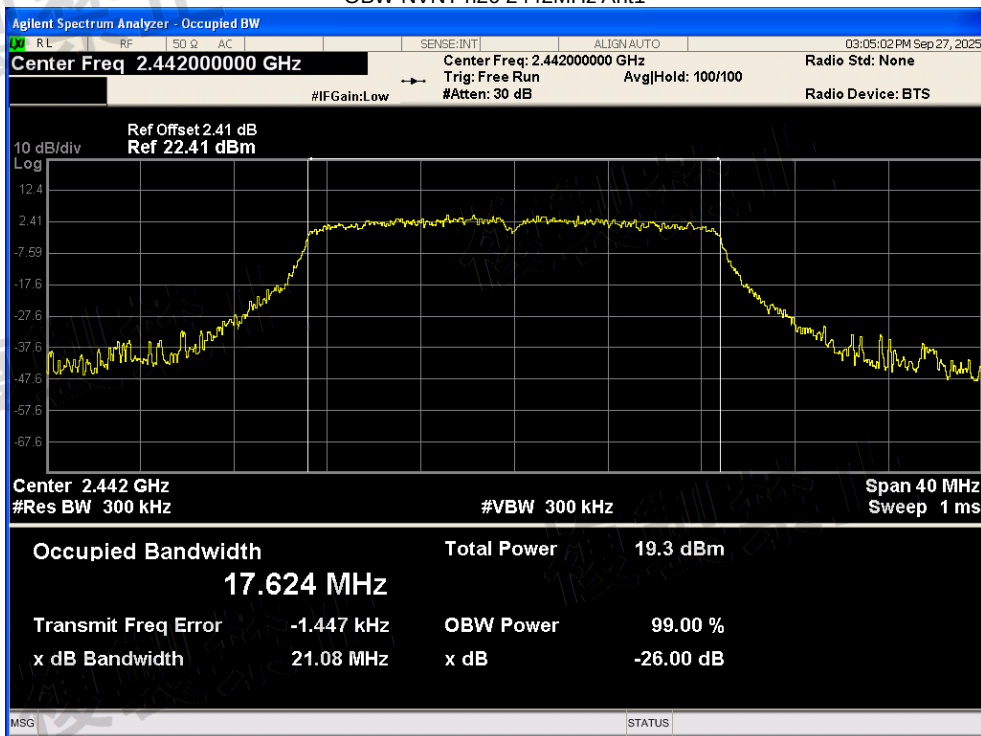
OBW NVNT g 2472MHz Ant2



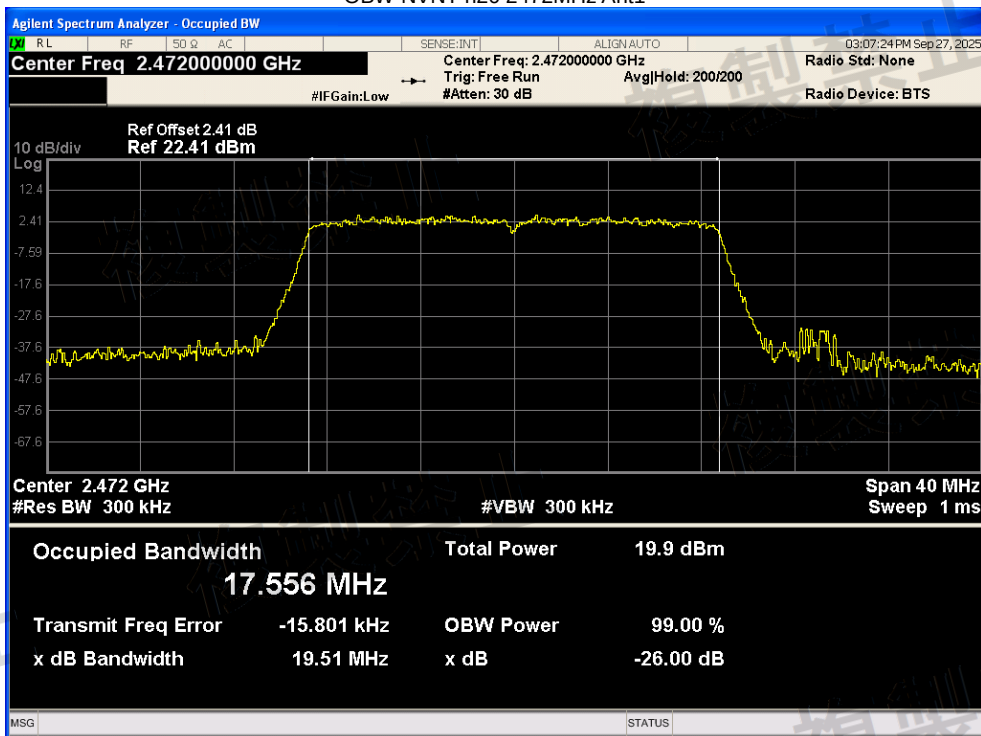
OBW NVNT n20 2412MHz Ant1



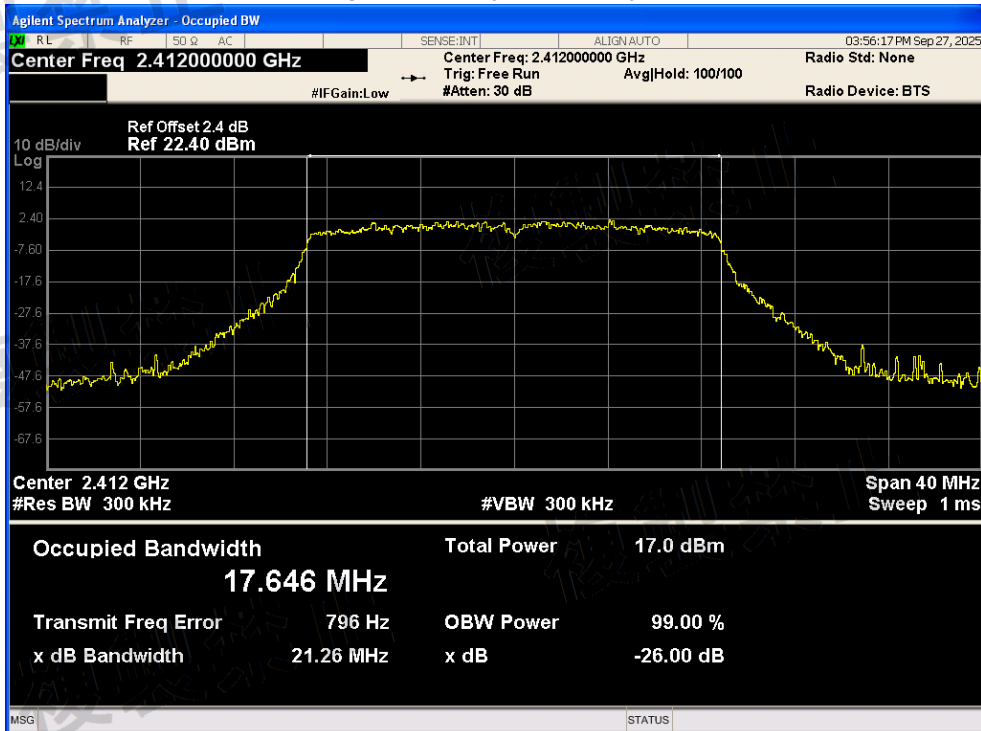
OBW NVNT n20 2442MHz Ant1



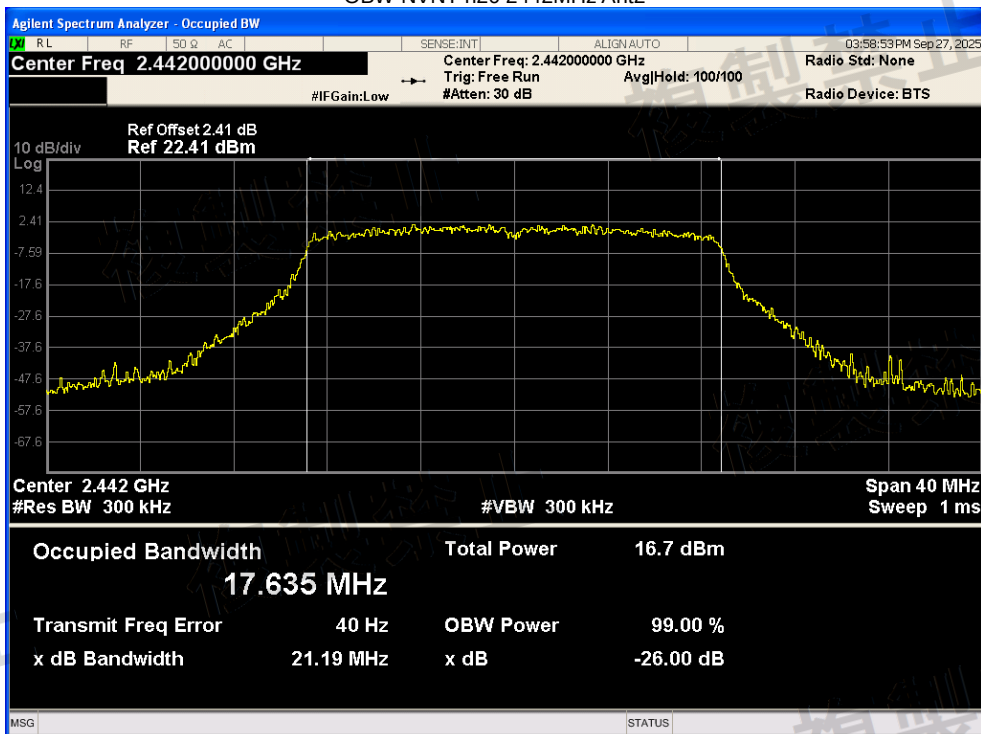
OBW NVNT n20 2472MHz Ant1



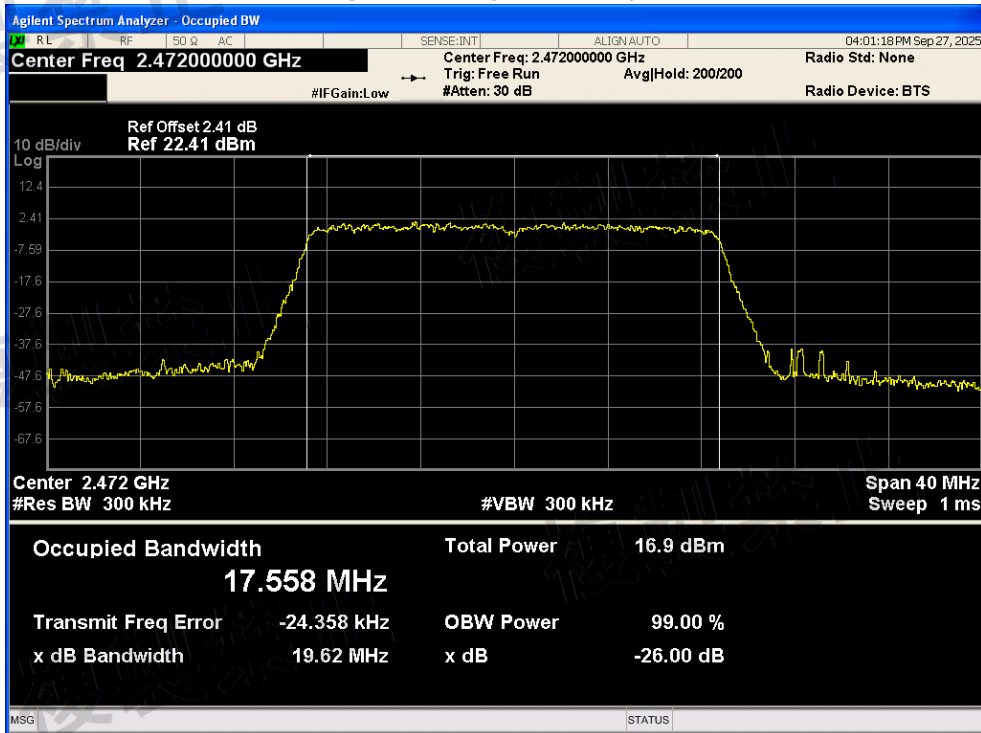
OBW NVNT n20 2412MHz Ant2



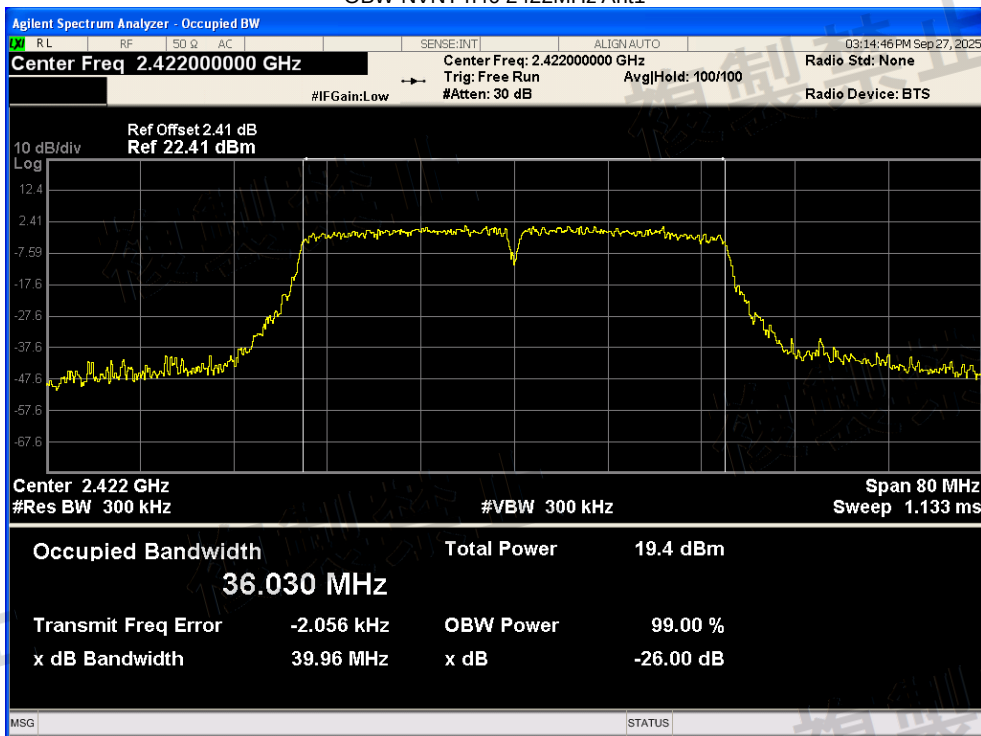
OBW NVNT n20 2442MHz Ant2



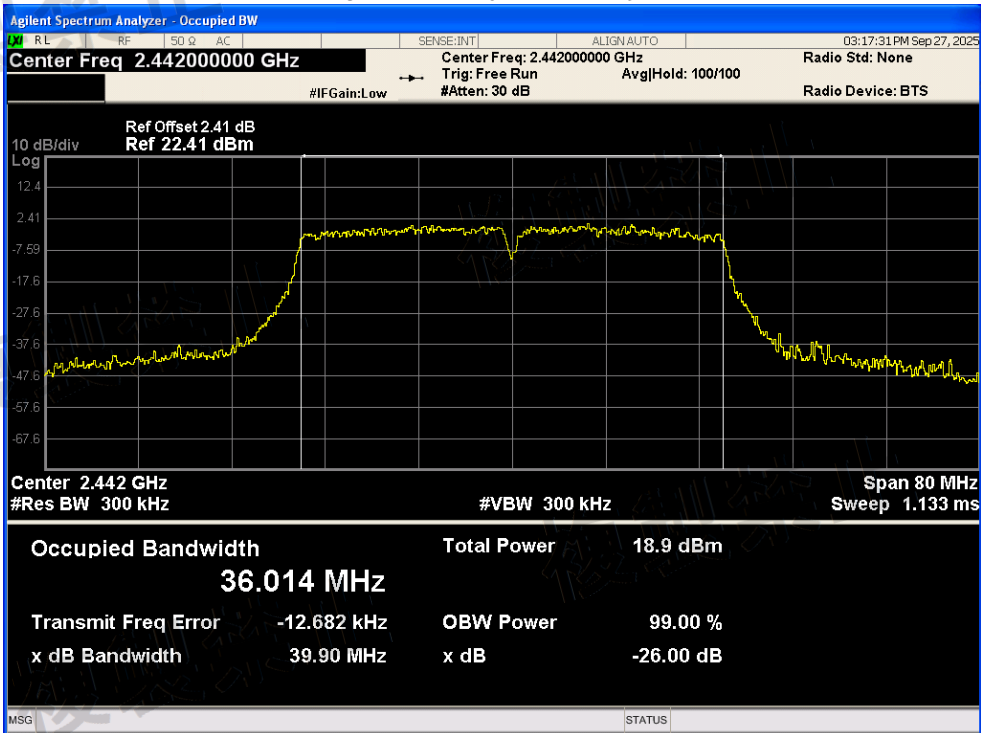
OBW NVNT n20 2472MHz Ant2



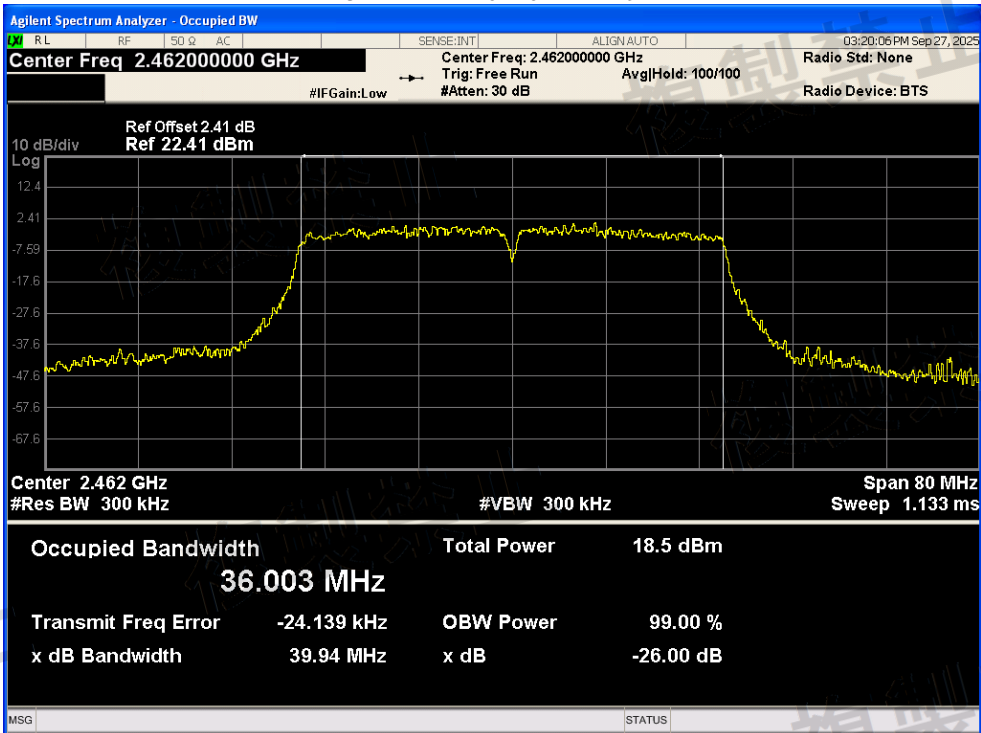
OBW NVNT n40 2422MHz Ant1



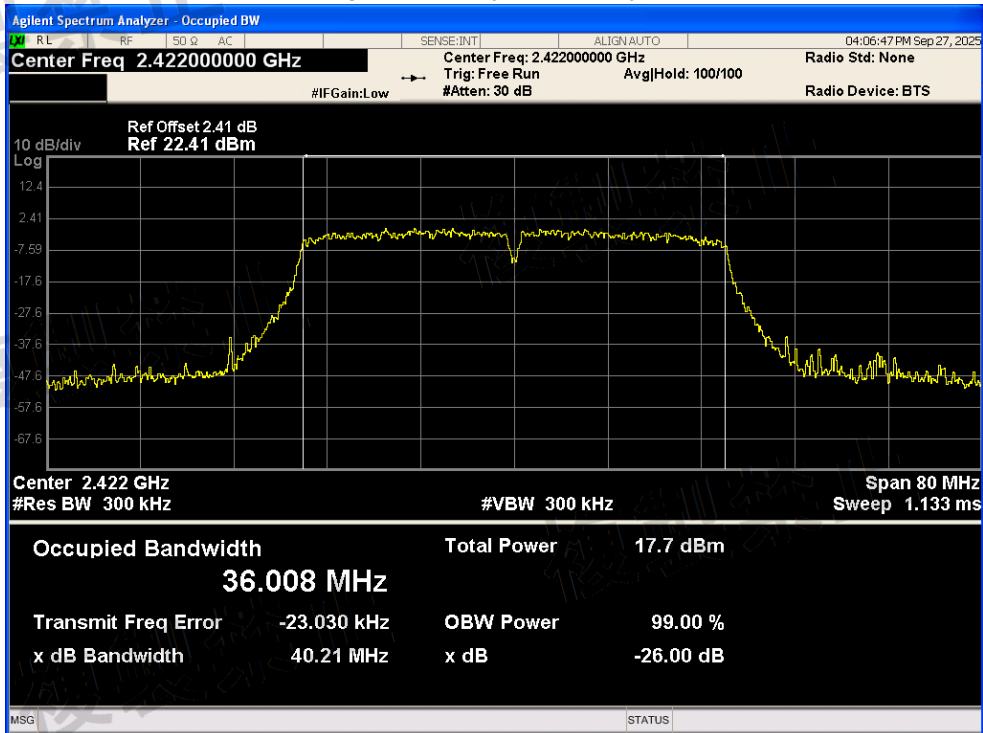
OBW NVNT n40 2442MHz Ant1



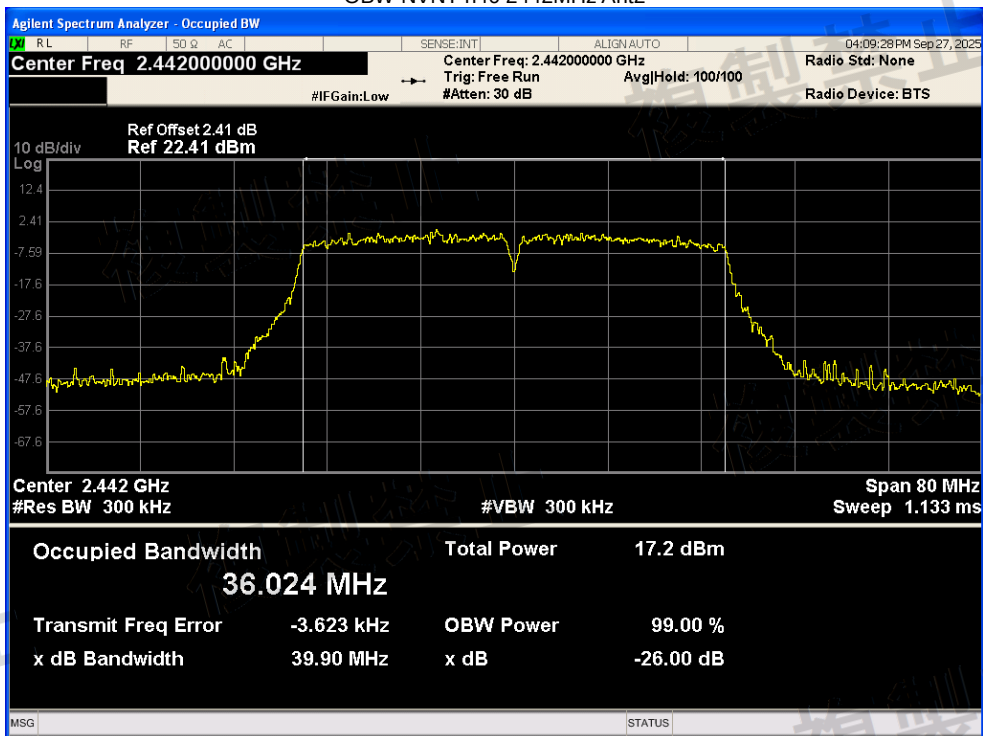
OBW NVNT n40 2462MHz Ant1

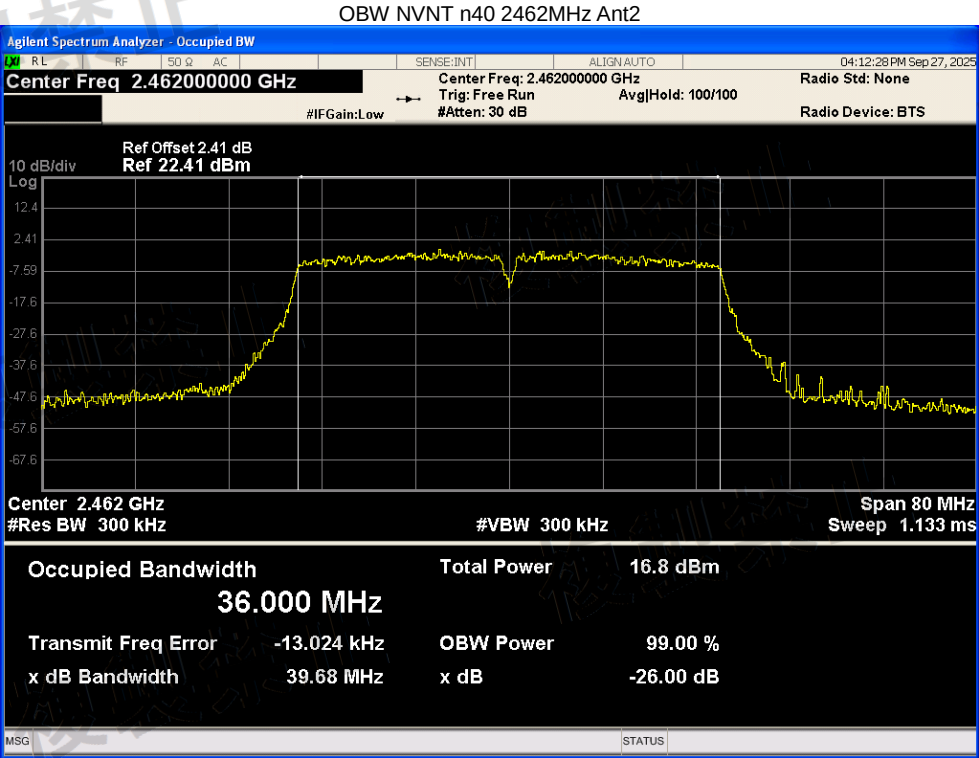


OBW NVNT n40 2422MHz Ant2



OBW NVNT n40 2442MHz Ant2

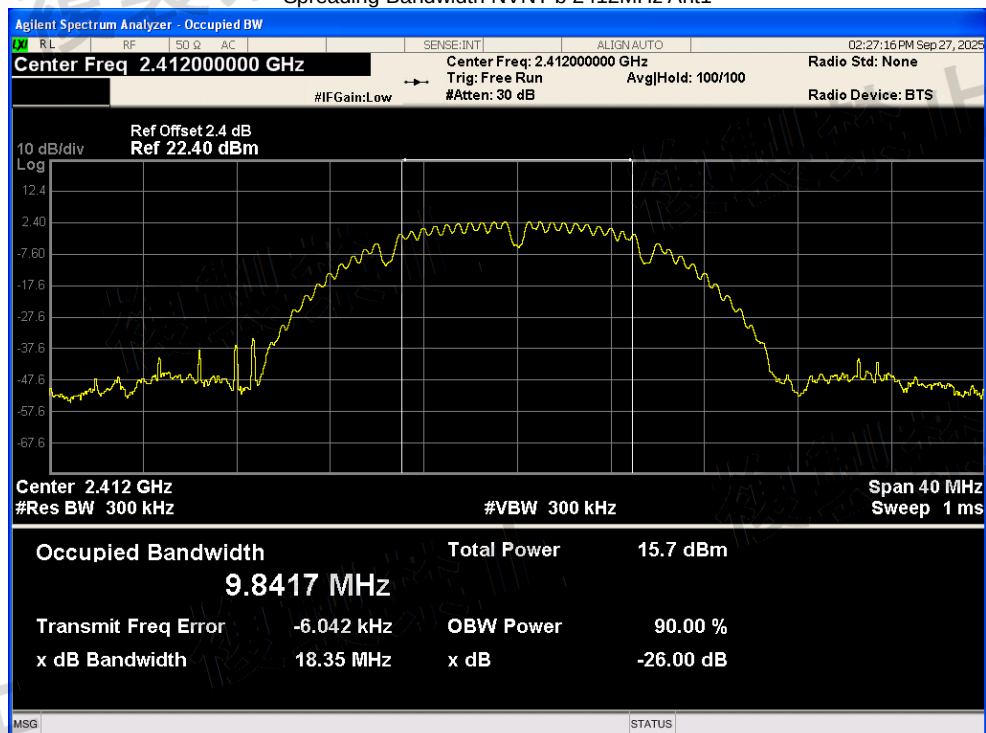




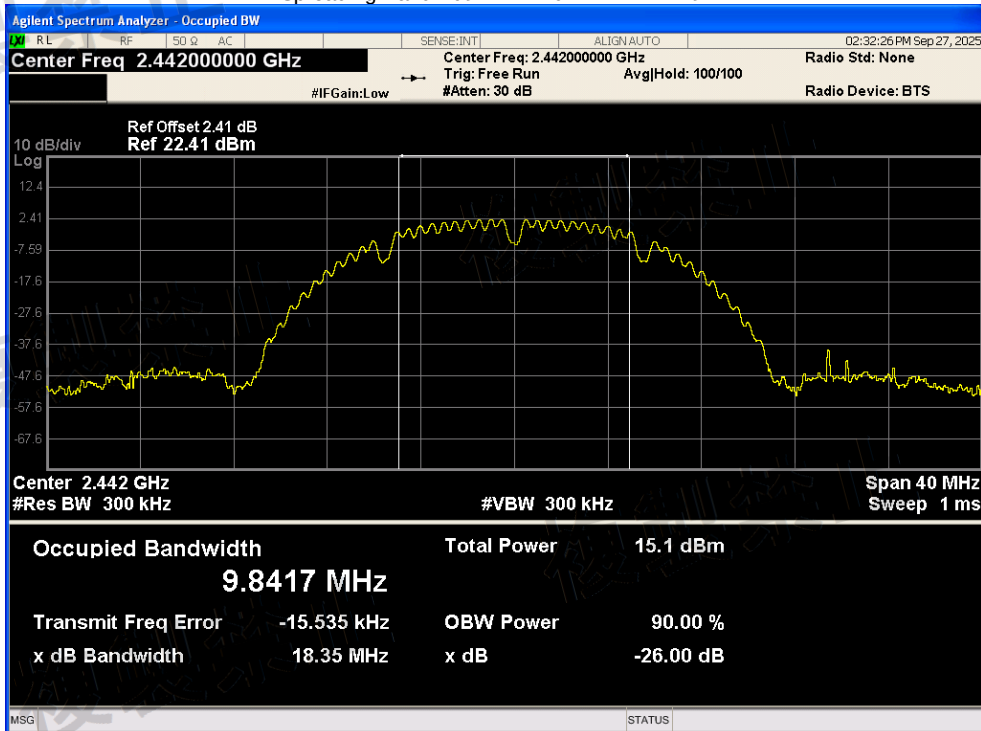
12.3 SPREADING BANDWIDTH

Condition	Mode	Frequency (MHz)	Antenna	90% OBW (MHz)	Verdict
NVNT	b	2412	Ant1	9.842	Pass
NVNT	b	2442	Ant1	9.842	Pass
NVNT	b	2472	Ant1	9.832	Pass
NVNT	b	2412	Ant2	9.827	Pass
NVNT	b	2442	Ant2	9.823	Pass
NVNT	b	2472	Ant2	9.821	Pass
NVNT	g	2412	Ant1	14.227	Pass
NVNT	g	2442	Ant1	14.201	Pass
NVNT	g	2472	Ant1	14.44	Pass
NVNT	g	2412	Ant2	14.258	Pass
NVNT	g	2442	Ant2	14.308	Pass
NVNT	g	2472	Ant2	14.487	Pass
NVNT	n20	2412	Ant1	15.249	Pass
NVNT	n20	2442	Ant1	15.254	Pass
NVNT	n20	2472	Ant1	15.506	Pass
NVNT	n20	2412	Ant2	15.103	Pass
NVNT	n20	2442	Ant2	15.213	Pass
NVNT	n20	2472	Ant2	15.571	Pass
NVNT	n40	2422	Ant1	31.301	Pass
NVNT	n40	2442	Ant1	31.106	Pass
NVNT	n40	2462	Ant1	31.13	Pass
NVNT	n40	2422	Ant2	31.188	Pass
NVNT	n40	2442	Ant2	31.375	Pass
NVNT	n40	2462	Ant2	31.171	Pass

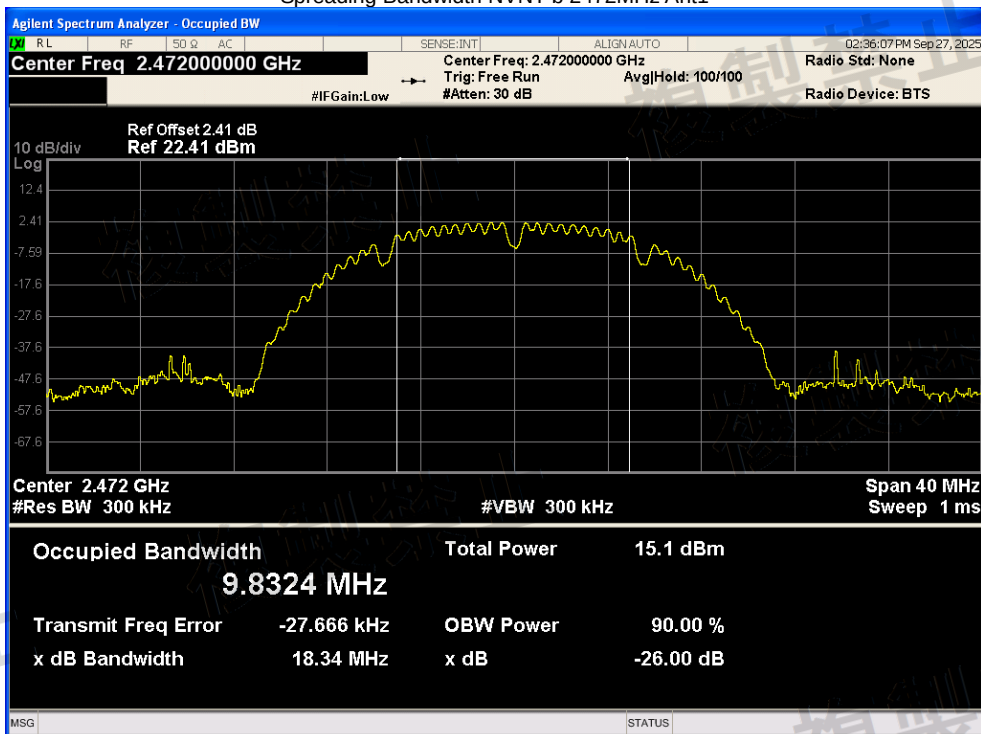
Spreading Bandwidth NVNT b 2412MHz Ant1



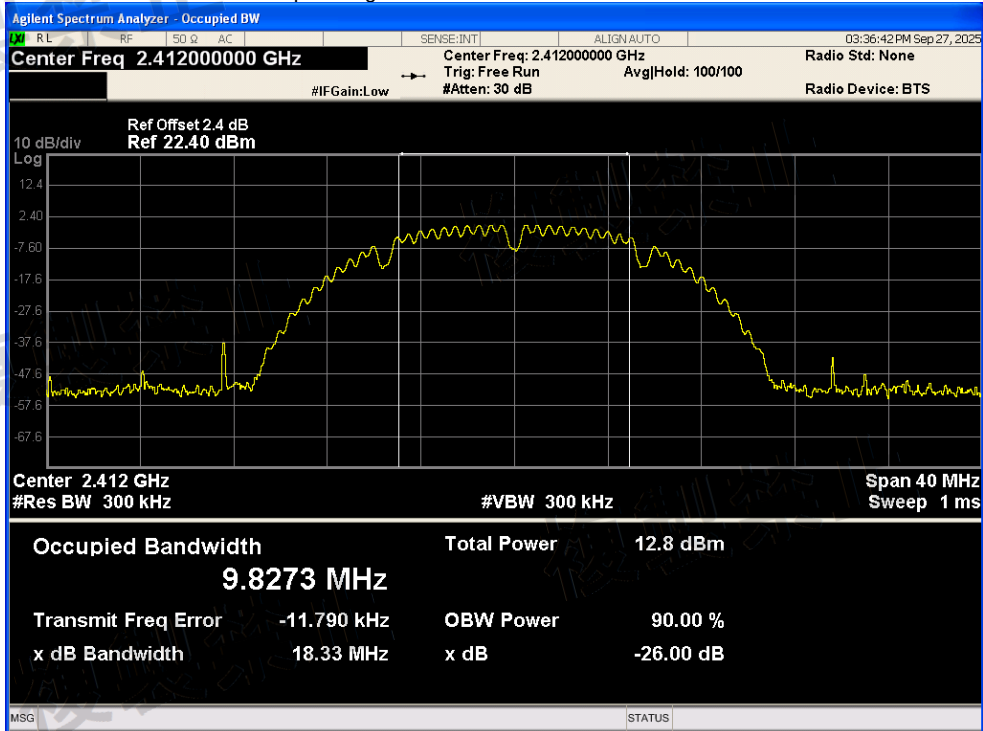
Spreading Bandwidth NVNT b 2442MHz Ant1



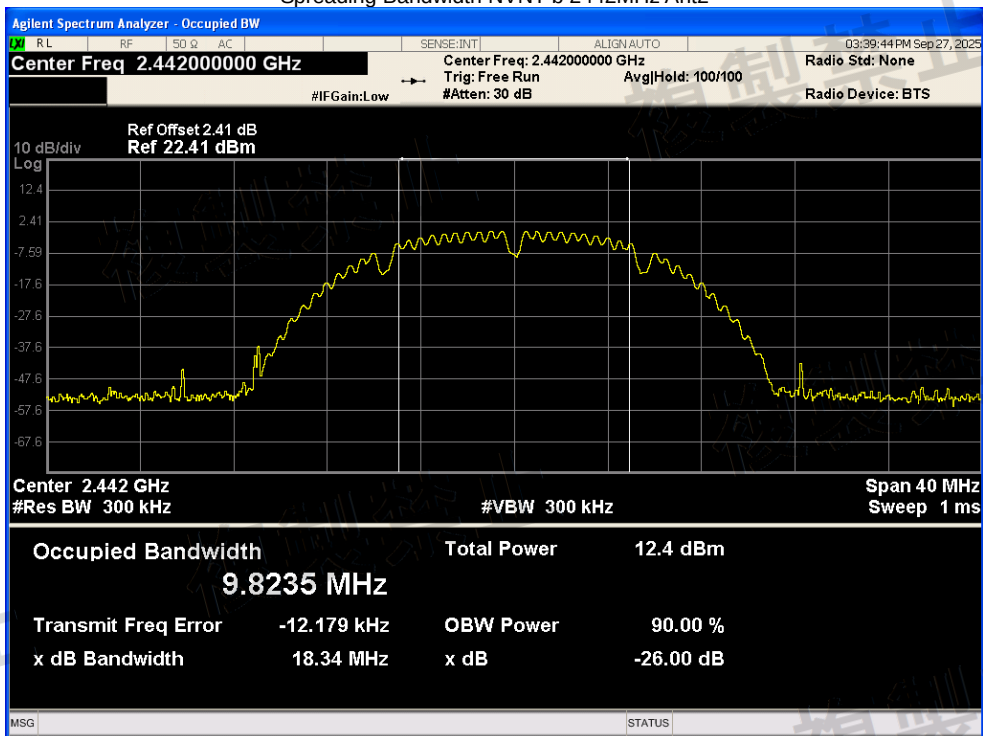
Spreading Bandwidth NVNT b 2472MHz Ant1



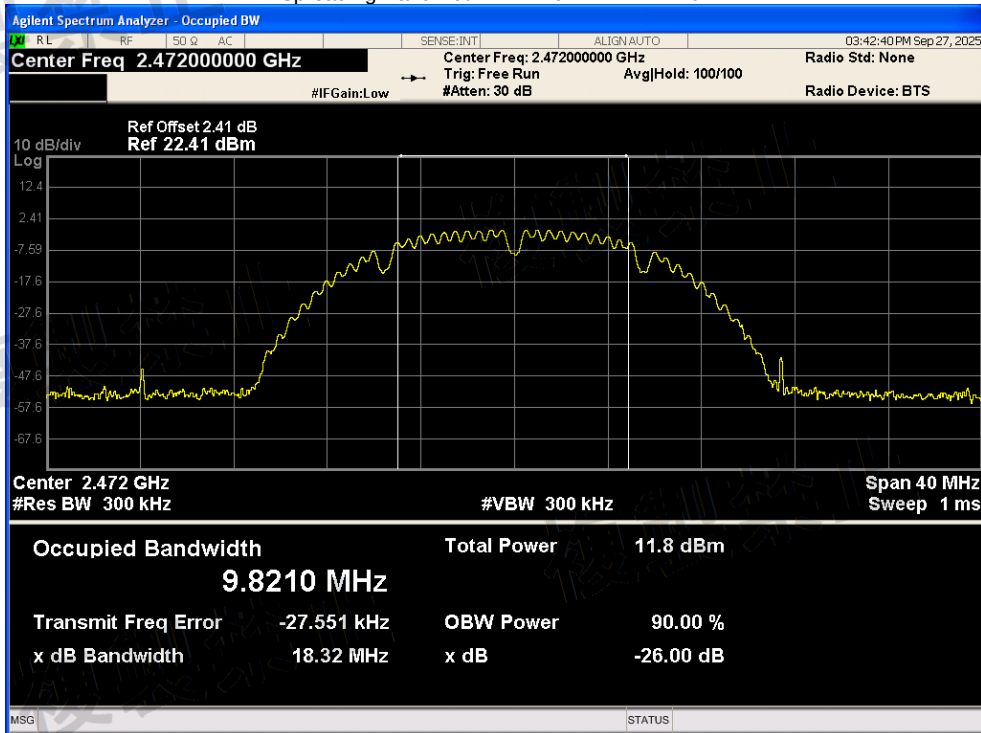
Spreading Bandwidth NVNT b 2412MHz Ant2



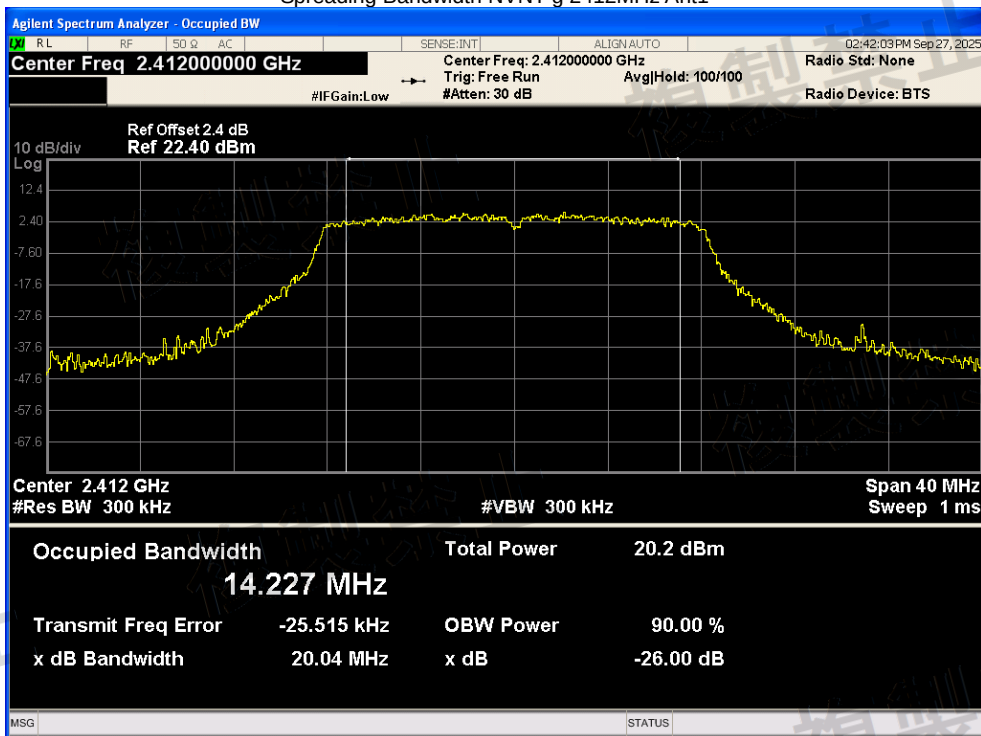
Spreading Bandwidth NVNT b 2442MHz Ant2



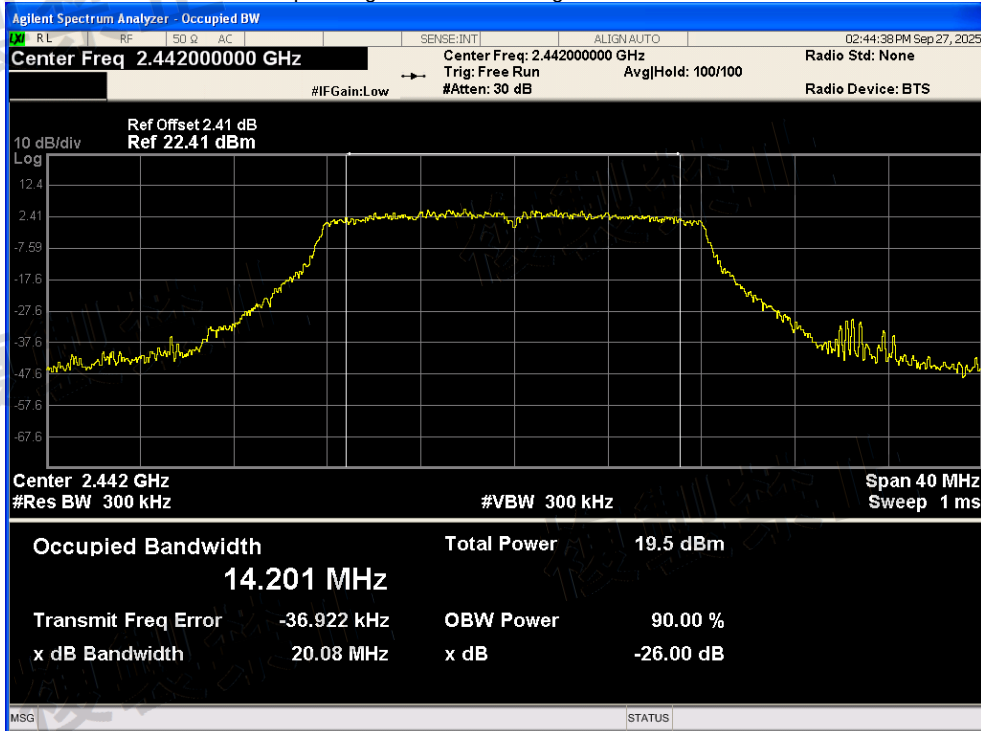
Spreading Bandwidth NVNT b 2472MHz Ant2



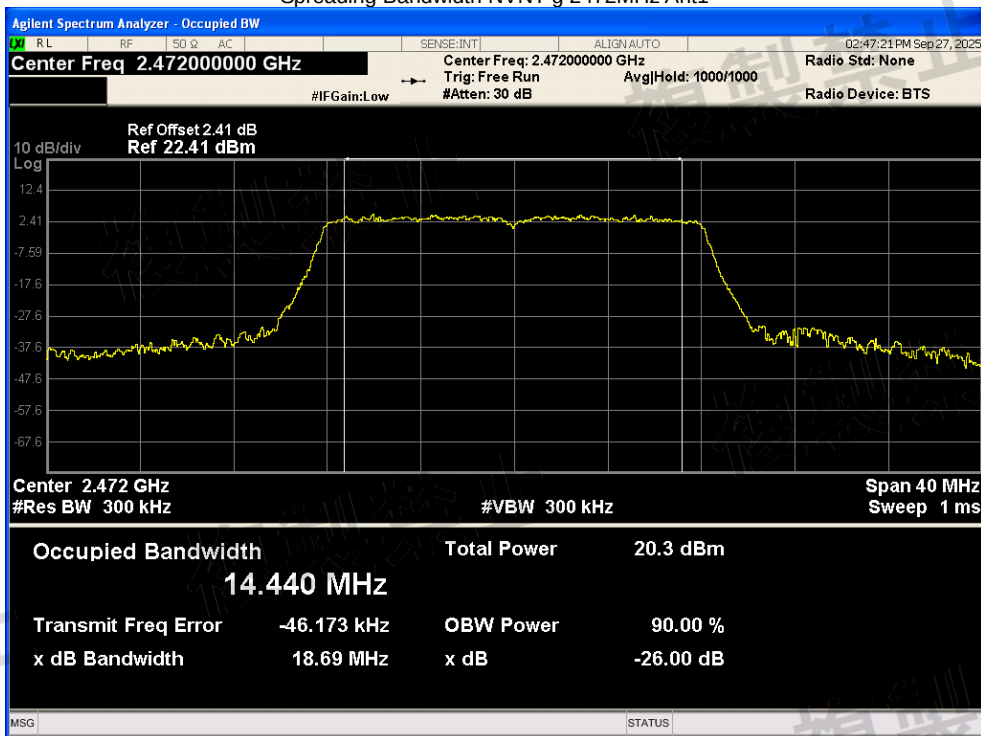
Spreading Bandwidth NVNT g 2412MHz Ant1



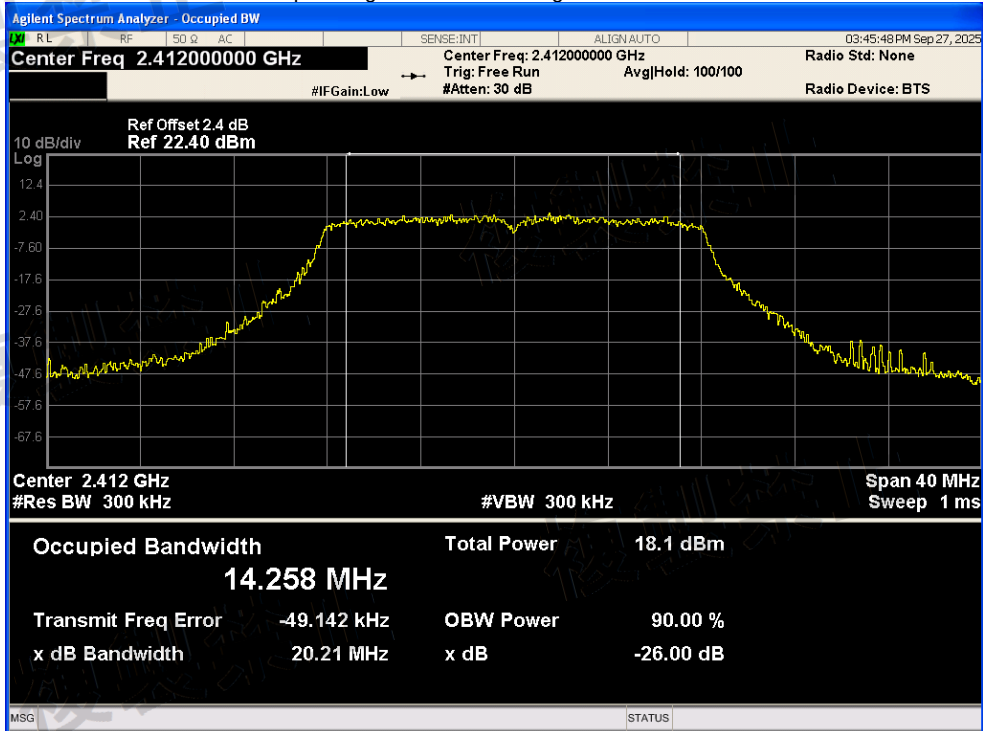
Spreading Bandwidth NVNT g 2442MHz Ant1



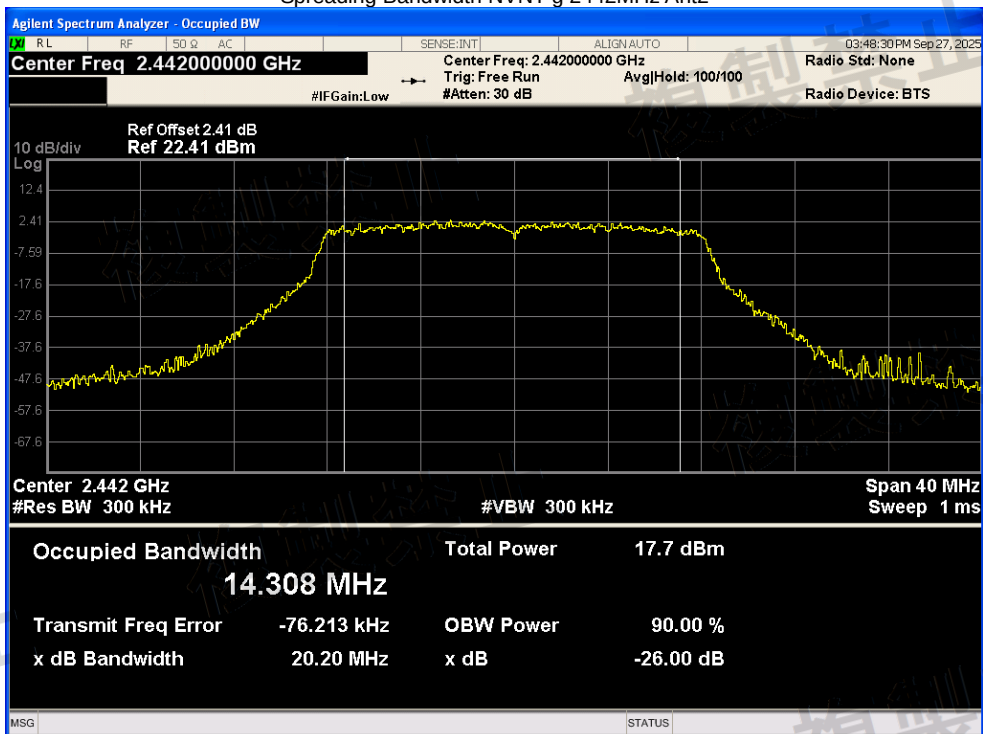
Spreading Bandwidth NVNT g 2472MHz Ant1



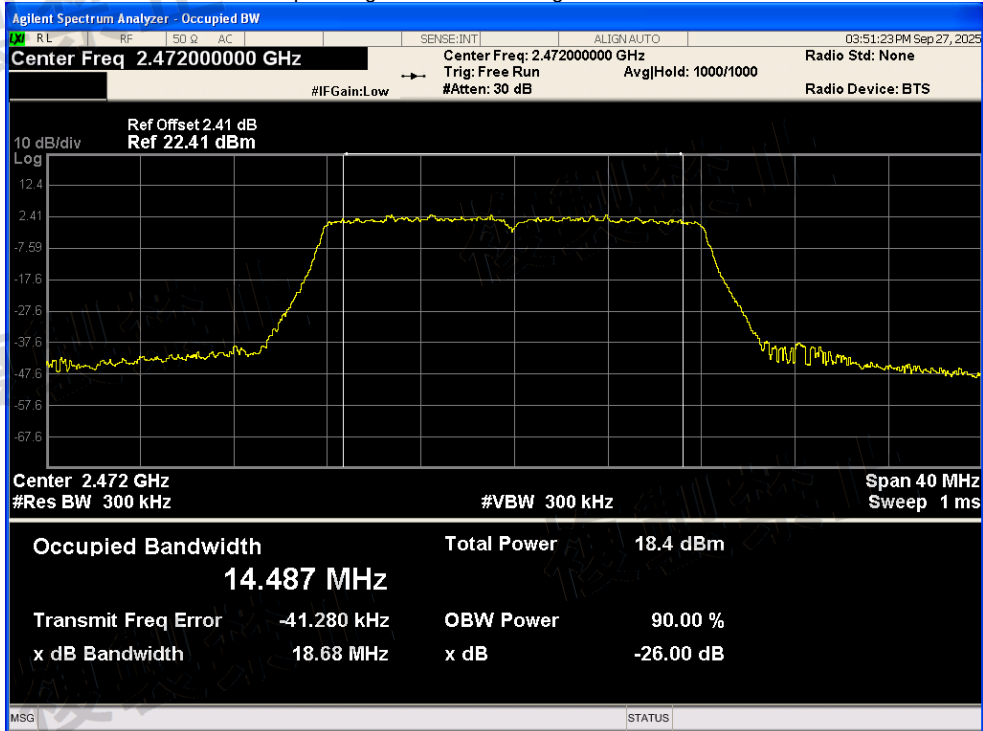
Spreading Bandwidth NVNT g 2412MHz Ant2



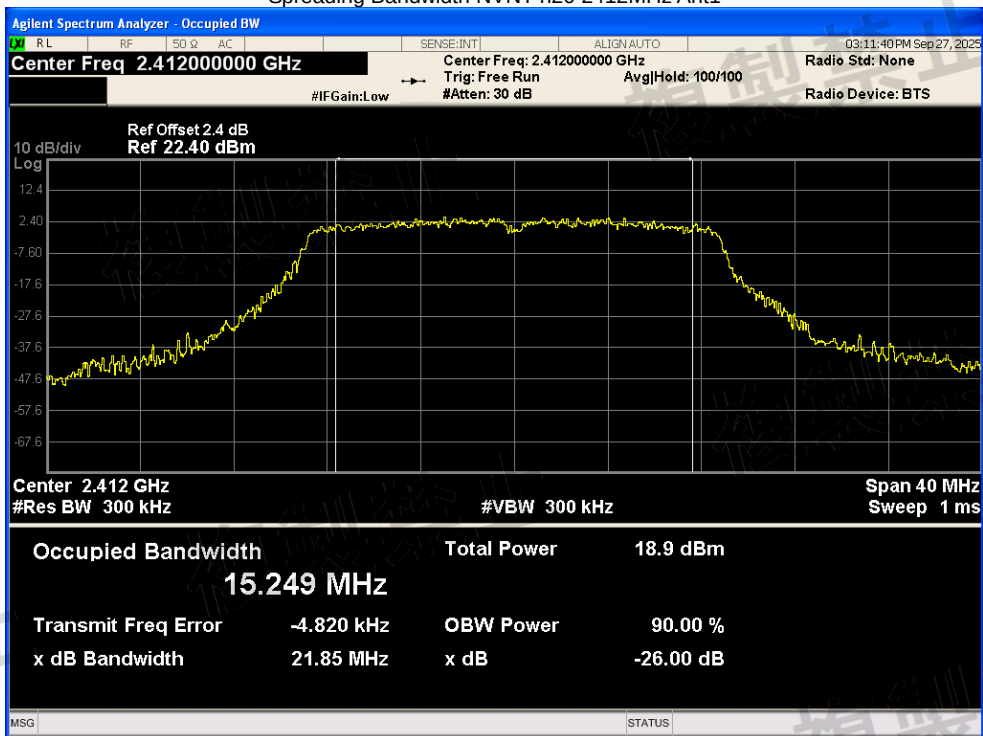
Spreading Bandwidth NVNT g 2442MHz Ant2



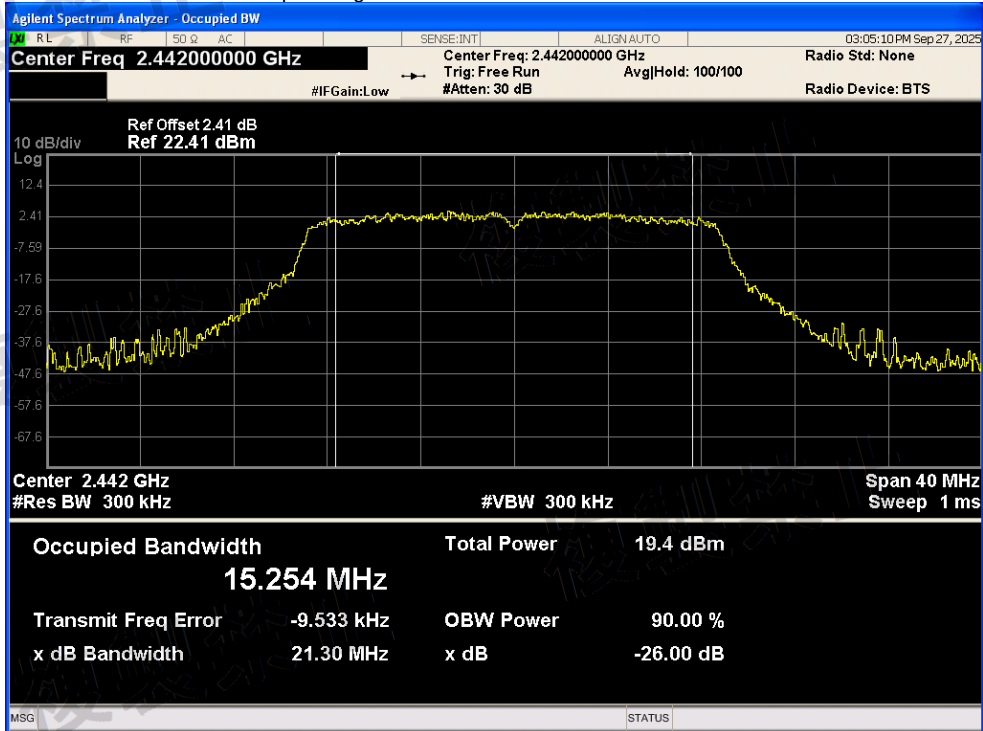
Spreading Bandwidth NVNT g 2472MHz Ant2



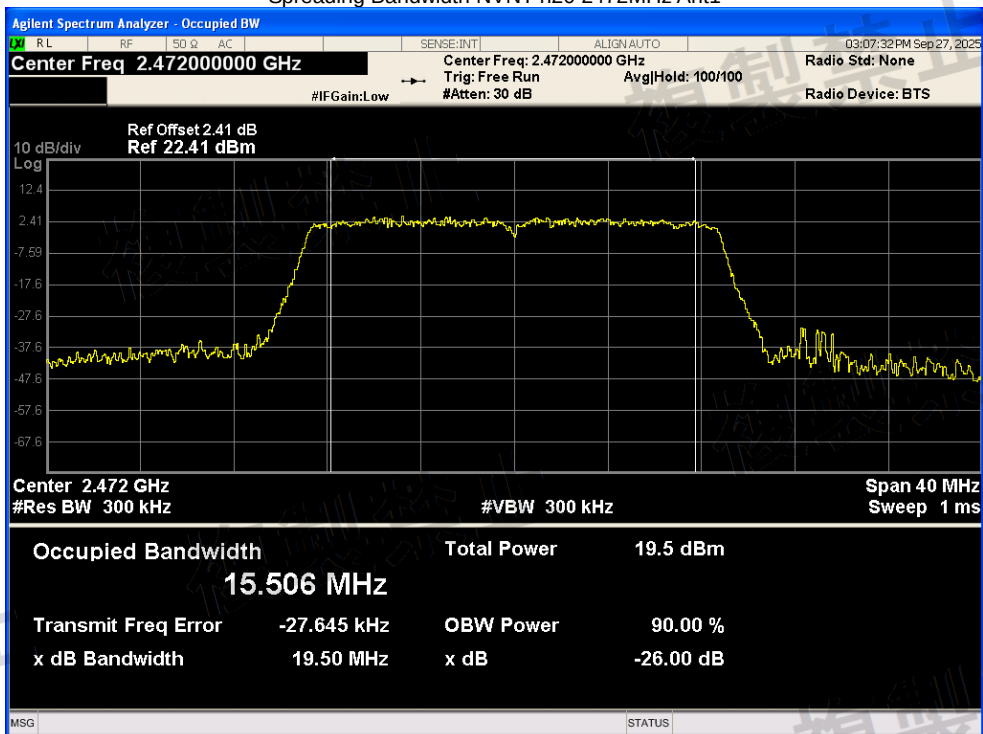
Spreading Bandwidth NVNT n20 2412MHz Ant1



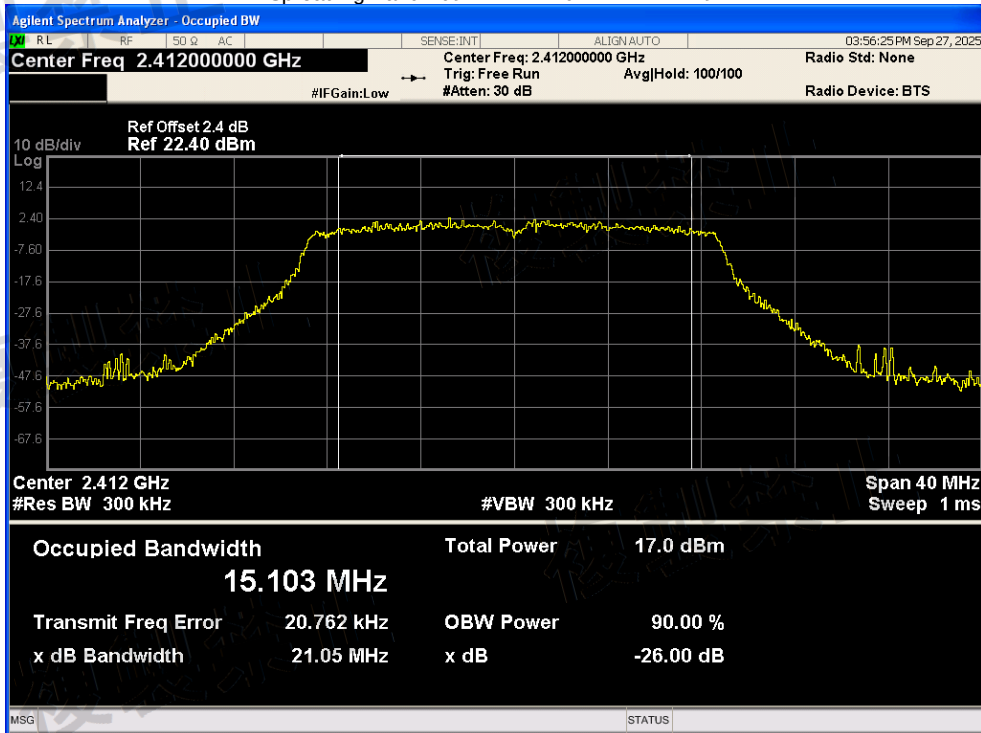
Spreading Bandwidth NVNT n20 2442MHz Ant1



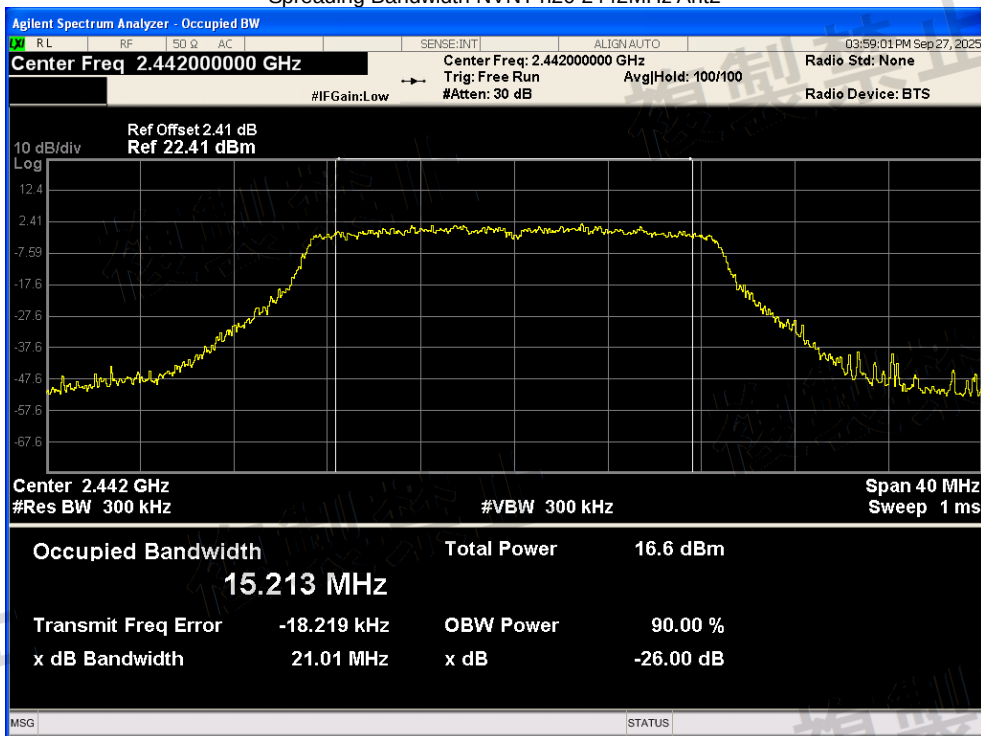
Spreading Bandwidth NVNT n20 2472MHz Ant1



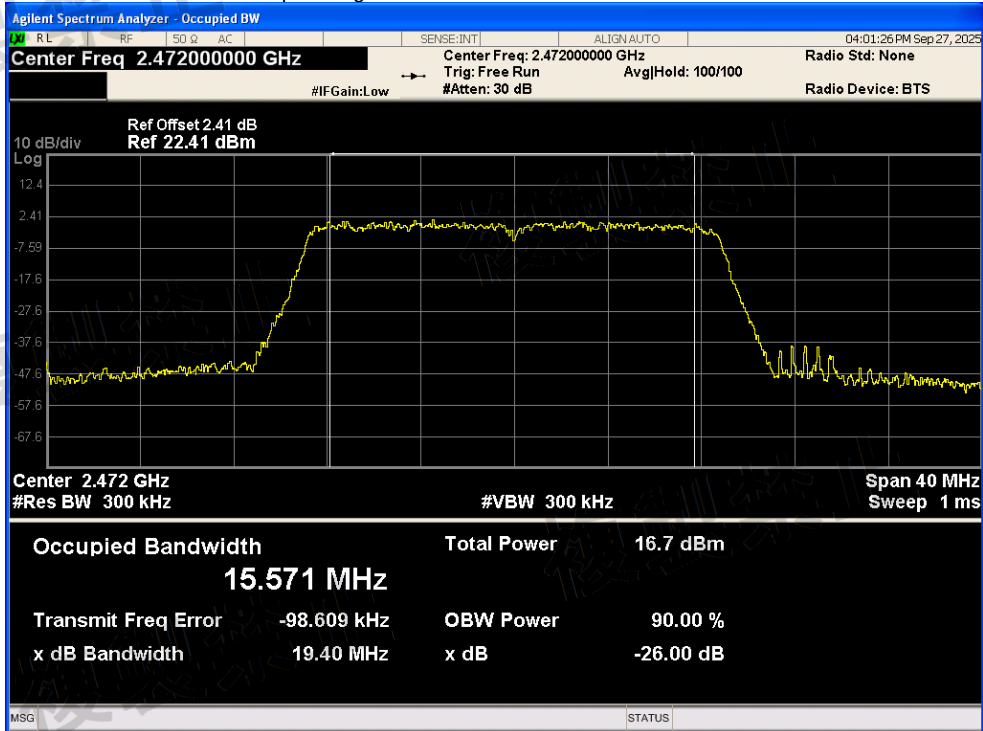
Spreading Bandwidth NVNT n20 2412MHz Ant2



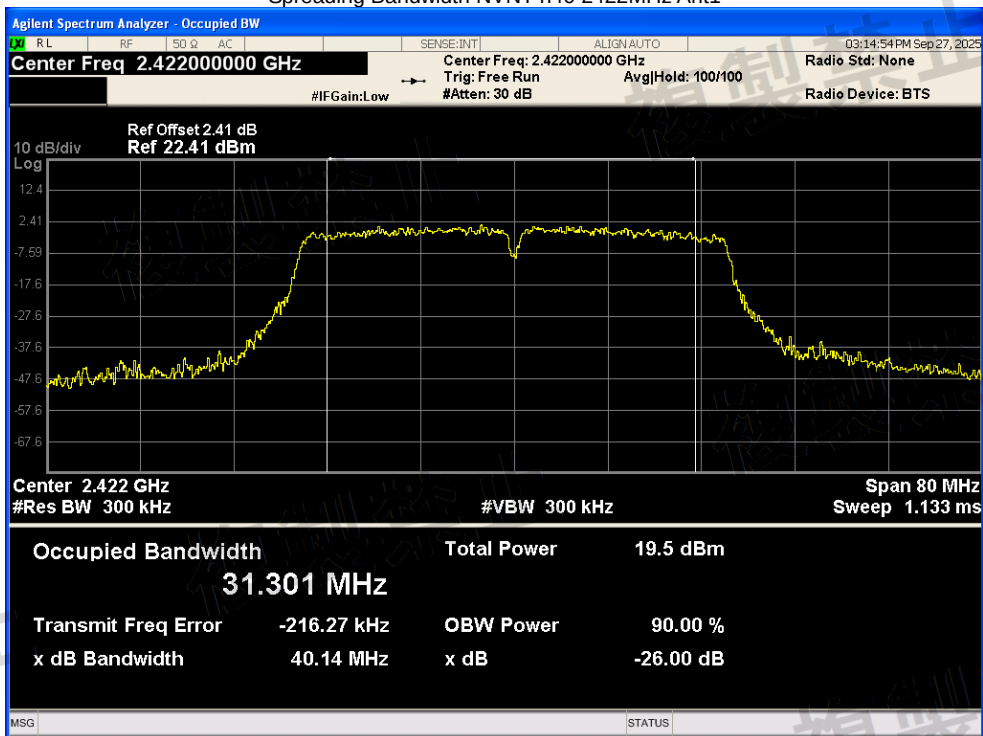
Spreading Bandwidth NVNT n20 2442MHz Ant2



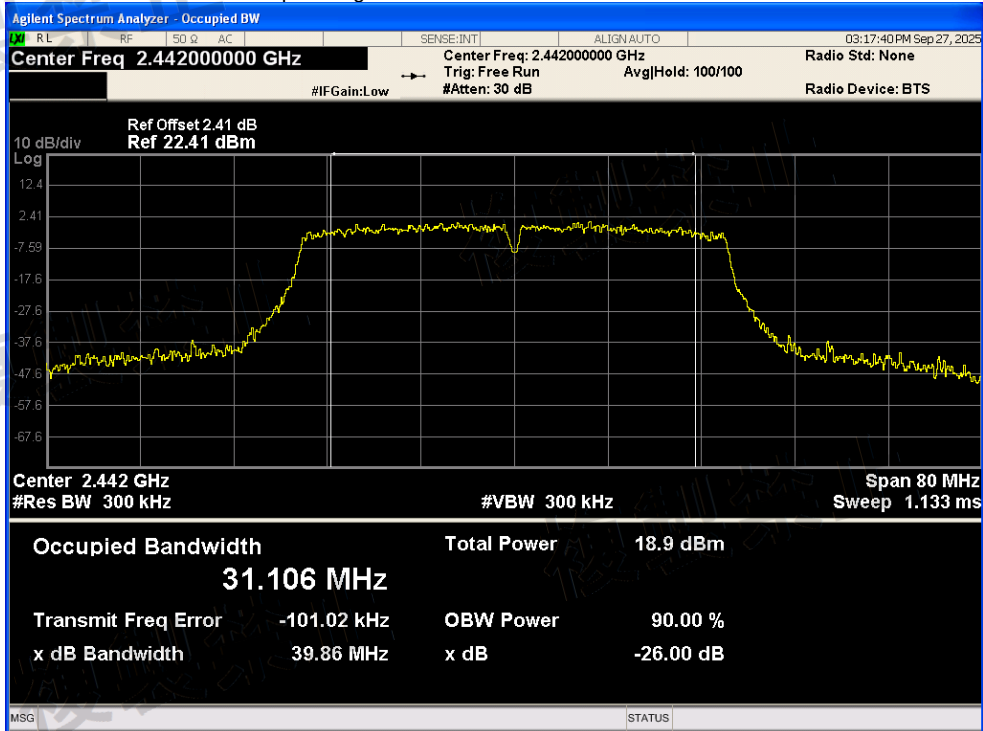
Spreading Bandwidth NVNT n20 2472MHz Ant2



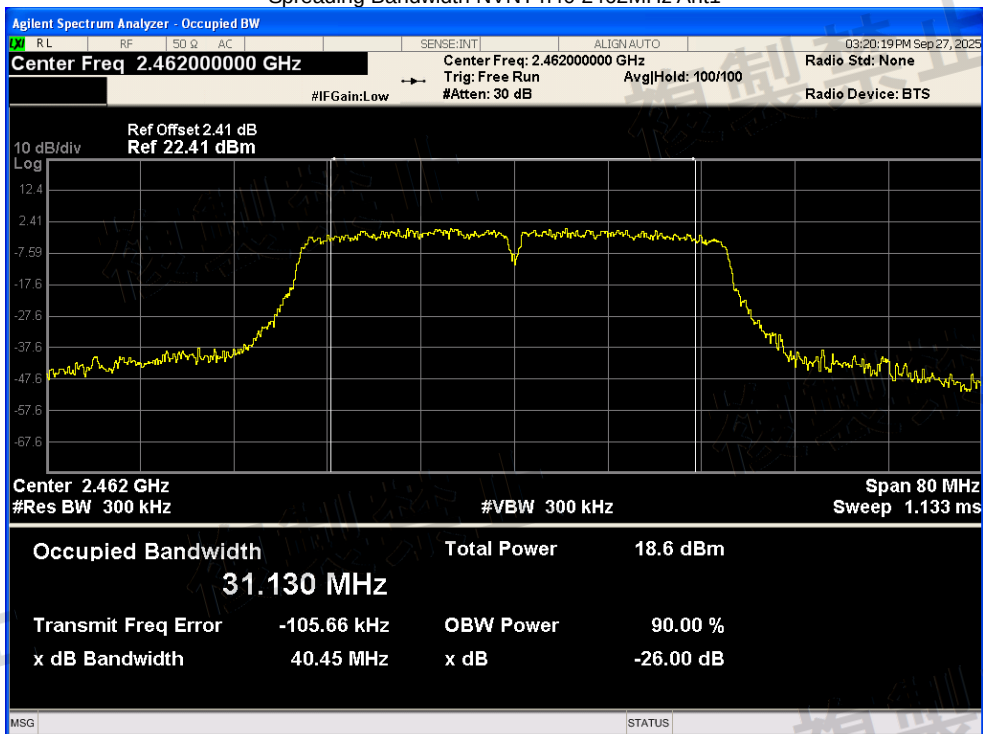
Spreading Bandwidth NVNT n40 2422MHz Ant1



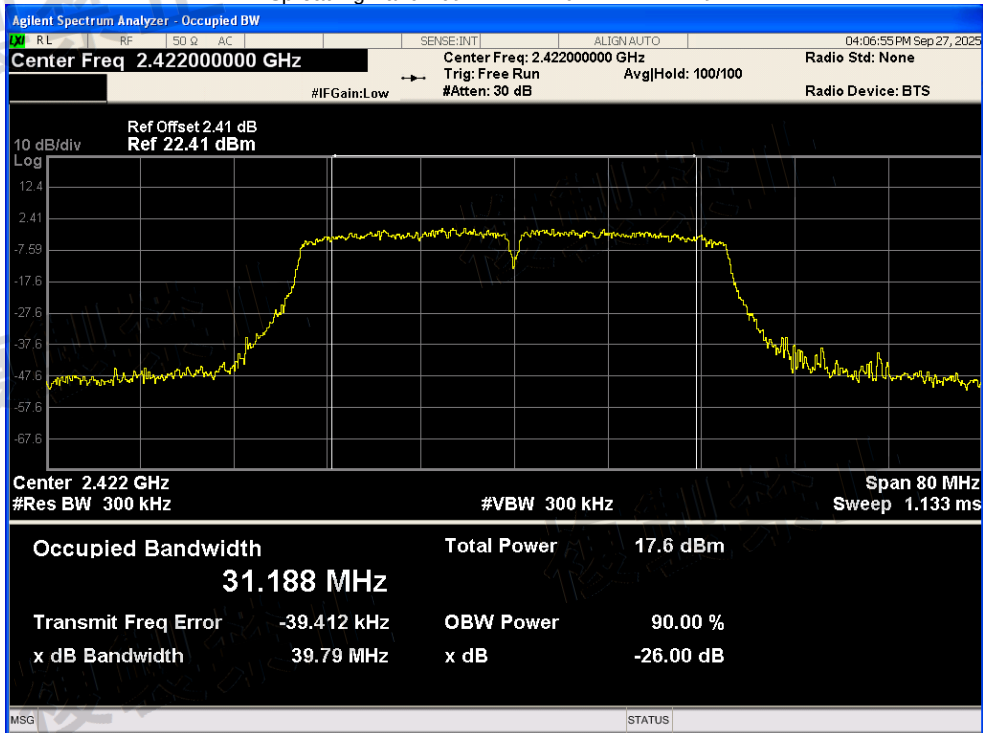
Spreading Bandwidth NVNT n40 2442MHz Ant1



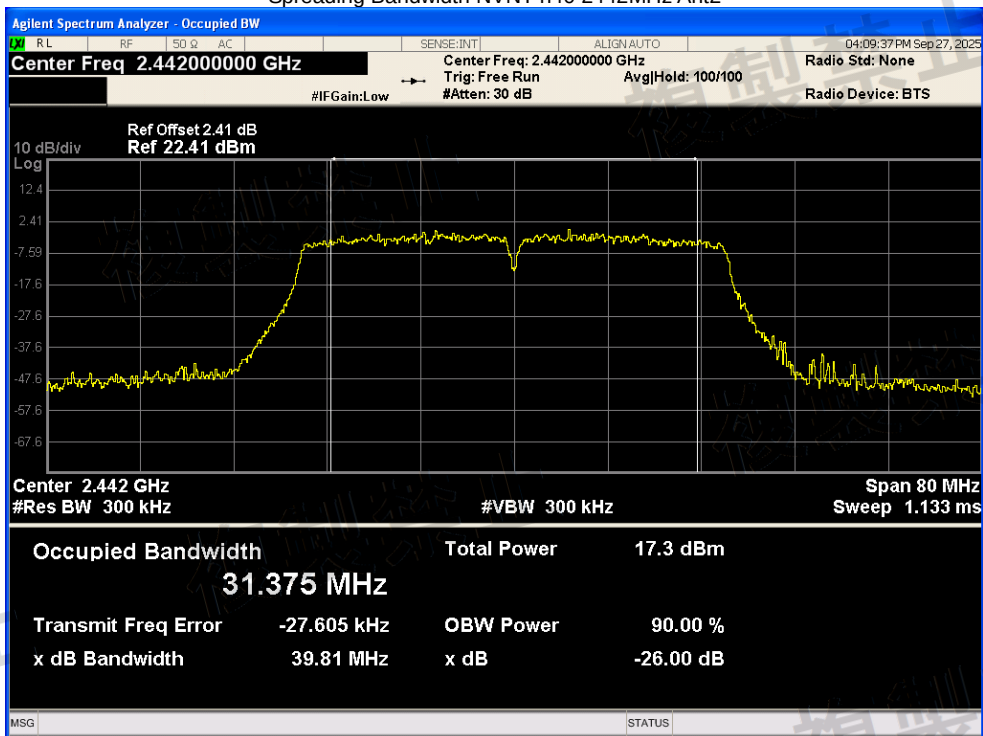
Spreading Bandwidth NVNT n40 2462MHz Ant1

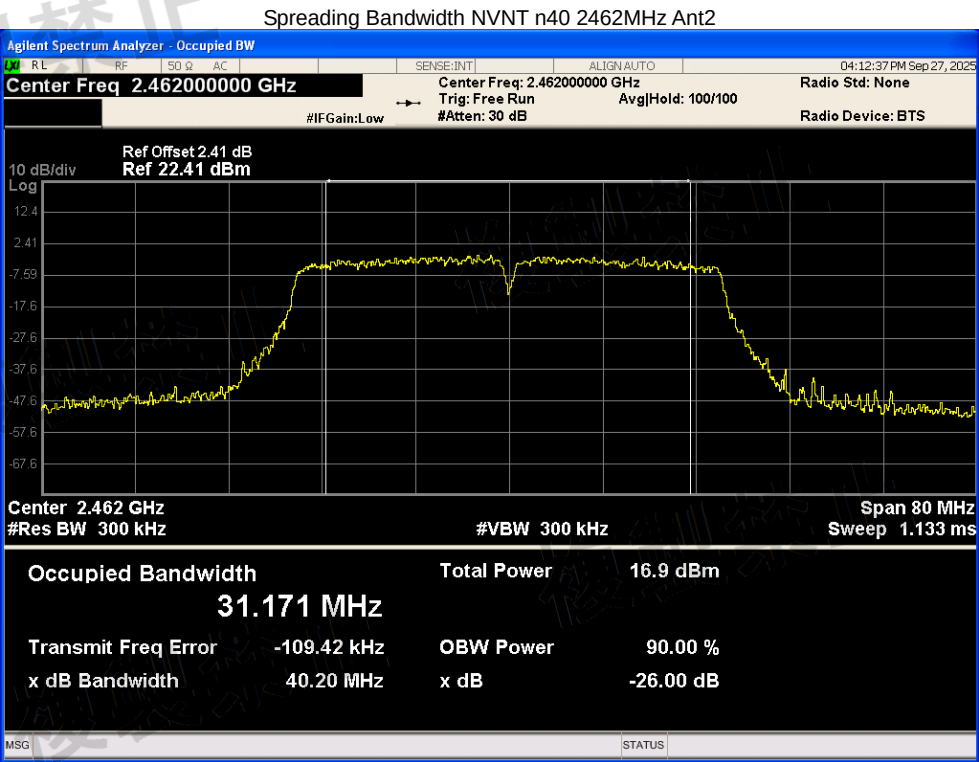


Spreading Bandwidth NVNT n40 2422MHz Ant2



Spreading Bandwidth NVNT n40 2442MHz Ant2





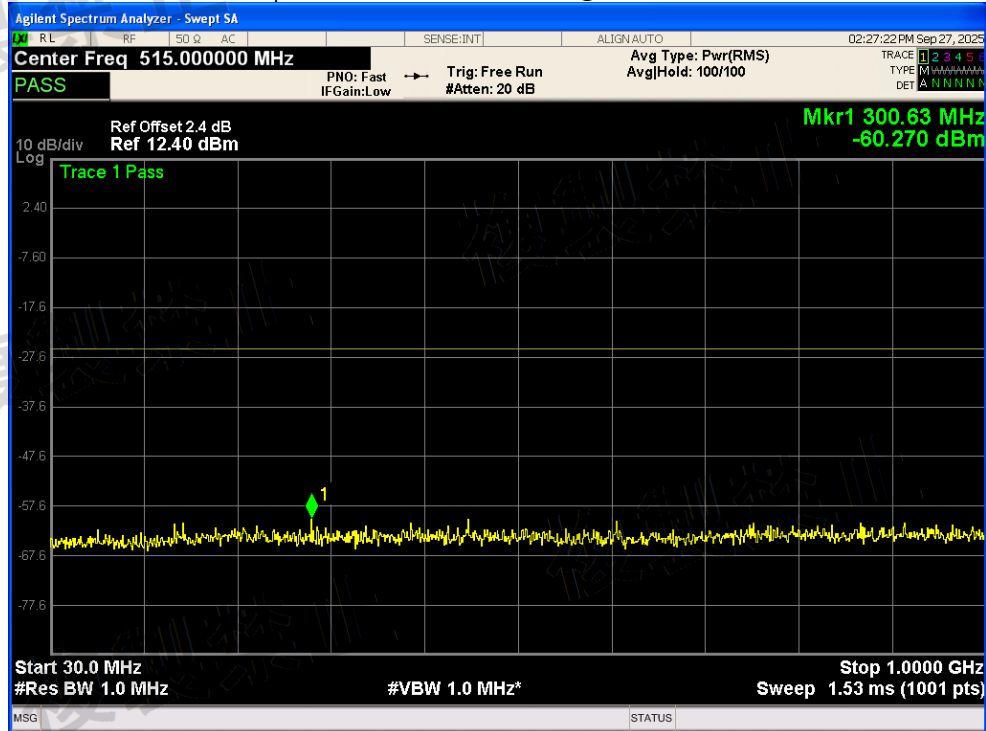
12.4 TX SPURIOUS EMISSION

Condition	Mode	Frequency (MHz)	Antenna	Range (MHz)	Emission Frequency (MHz)	Max Value (dBm)	Max Value (uW)	Limit Start(uW)	Limit Stop (uW)	Verdict
NVNT	b	2412	Ant1	30-1000	300.63	-60.26	0.0009	2.5	2.5	Pass
NVNT	b	2412	Ant1	1000-2387	2331.52	-52.13	0.0061	2.5	2.5	Pass
NVNT	b	2412	Ant1	2387-2400	2399.84	-30.3	0.9333	25	25	Pass
NVNT	b	2412	Ant1	2483.5-2496.5	2491.94	-48.7	0.0135	25	25	Pass
NVNT	b	2412	Ant1	2496.5-13000	2496.5	-57.29	0.0019	2.5	2.5	Pass
NVNT	b	2442	Ant1	30-1000	870.99	-60.17	0.001	2.5	2.5	Pass
NVNT	b	2442	Ant1	1000-2387	2281.59	-54.59	0.0035	2.5	2.5	Pass
NVNT	b	2442	Ant1	2387-2400	2400	-50.86	0.0082	25	25	Pass
NVNT	b	2442	Ant1	2483.5-2496.5	2487.82	-51.49	0.0071	25	25	Pass
NVNT	b	2442	Ant1	2496.5-13000	2496.5	-59.92	0.001	2.5	2.5	Pass
NVNT	b	2472	Ant1	30-1000	916.58	-58.97	0.0013	2.5	2.5	Pass
NVNT	b	2472	Ant1	1000-2387	2309.33	-53.81	0.0042	2.5	2.5	Pass
NVNT	b	2472	Ant1	2387-2400	2393.36	-51.49	0.0071	25	25	Pass
NVNT	b	2472	Ant1	2483.5-2496.5	2483.5	-29.47	1.1298	25	25	Pass
NVNT	b	2472	Ant1	2496.5-13000	2496.5	-57.26	0.0019	2.5	2.5	Pass
NVNT	b	2412	Ant2	30-1000	424.79	-59.94	0.001	2.5	2.5	Pass
NVNT	b	2412	Ant2	1000-2387	2381.45	-52.31	0.0059	2.5	2.5	Pass
NVNT	b	2412	Ant2	2387-2400	2399.95	-34.14	0.3855	25	25	Pass
NVNT	b	2412	Ant2	2483.5-2496.5	2494.71	-53.75	0.0042	25	25	Pass
NVNT	b	2412	Ant2	2496.5-13000	2496.5	-60.76	0.0008	2.5	2.5	Pass
NVNT	b	2442	Ant2	30-1000	492.69	-60.86	0.0008	2.5	2.5	Pass
NVNT	b	2442	Ant2	1000-2387	2370.36	-55.36	0.0029	2.5	2.5	Pass
NVNT	b	2442	Ant2	2387-2400	2399.73	-51.67	0.0068	25	25	Pass
NVNT	b	2442	Ant2	2483.5-2496.5	2484.76	-52.81	0.0052	25	25	Pass
NVNT	b	2442	Ant2	2496.5-13000	2496.5	-60.17	0.001	2.5	2.5	Pass
NVNT	b	2472	Ant2	30-1000	781.75	-60.05	0.001	2.5	2.5	Pass
NVNT	b	2472	Ant2	1000-2387	2373.13	-55.78	0.0026	2.5	2.5	Pass
NVNT	b	2472	Ant2	2387-2400	2399.87	-51.72	0.0067	25	25	Pass
NVNT	b	2472	Ant2	2483.5-2496.5	2485.31	-34.85	0.3273	25	25	Pass
NVNT	b	2472	Ant2	2496.5-13000	2496.5	-58.7	0.0013	2.5	2.5	Pass
NVNT	g	2412	Ant1	30-1000	933.07	-50.44	0.009	2.5	2.5	Pass
NVNT	g	2412	Ant1	1000-2387	2387	-46.4	0.0229	2.5	2.5	Pass
NVNT	g	2412	Ant1	2387-2400	2399.86	-21.7	6.7608	25	25	Pass
NVNT	g	2412	Ant1	2483.5-2496.5	2491.86	-45.15	0.0305	25	25	Pass
NVNT	g	2412	Ant1	2496.5-13000	12527.34	-52.48	0.0056	2.5	2.5	Pass
NVNT	g	2442	Ant1	30-1000	810.85	-60.57	0.0009	2.5	2.5	Pass
NVNT	g	2442	Ant1	1000-2387	2280.2	-51.97	0.0064	2.5	2.5	Pass
NVNT	g	2442	Ant1	2387-2400	2391.73	-45.41	0.0288	25	25	Pass
NVNT	g	2442	Ant1	2483.5-2496.5	2495.29	-44.71	0.0338	25	25	Pass
NVNT	g	2442	Ant1	2496.5-13000	2496.5	-57.52	0.0018	2.5	2.5	Pass
NVNT	g	2472	Ant1	30-1000	349.13	-60.13	0.001	2.5	2.5	Pass
NVNT	g	2472	Ant1	1000-2387	2313.49	-51.97	0.0064	2.5	2.5	Pass
NVNT	g	2472	Ant1	2387-2400	2399.31	-49.3	0.0117	25	25	Pass
NVNT	g	2472	Ant1	2483.5-2496.5	2484.67	-23.83	4.14	25	25	Pass
NVNT	g	2472	Ant1	2496.5-13000	2496.5	-48	0.0158	2.5	2.5	Pass
NVNT	g	2412	Ant2	30-1000	924.34	-51.17	0.0076	2.5	2.5	Pass
NVNT	g	2412	Ant2	1000-2387	2384.23	-49.57	0.011	2.5	2.5	Pass
NVNT	g	2412	Ant2	2387-2400	2399.92	-24.67	3.4119	25	25	Pass
NVNT	g	2412	Ant2	2483.5-2496.5	2487.37	-47.72	0.0169	25	25	Pass
NVNT	g	2412	Ant2	2496.5-13000	12002.17	-52.5	0.0056	2.5	2.5	Pass
NVNT	g	2442	Ant2	30-1000	906.88	-60.75	0.0008	2.5	2.5	Pass
NVNT	g	2442	Ant2	1000-2387	2380.07	-53.09	0.0049	2.5	2.5	Pass
NVNT	g	2442	Ant2	2387-2400	2399.8	-49.45	0.0114	25	25	Pass
NVNT	g	2442	Ant2	2483.5-2496.5	2486.71	-50.87	0.0082	25	25	Pass
NVNT	g	2442	Ant2	2496.5-13000	2496.5	-58.12	0.0015	2.5	2.5	Pass
NVNT	g	2472	Ant2	30-1000	192.96	-60.65	0.0009	2.5	2.5	Pass
NVNT	g	2472	Ant2	1000-2387	2377.29	-53.76	0.0042	2.5	2.5	Pass
NVNT	g	2472	Ant2	2387-2400	2394.93	-50.52	0.0089	25	25	Pass
NVNT	g	2472	Ant2	2483.5-2496.5	2483.93	-31.82	0.6577	25	25	Pass
NVNT	g	2472	Ant2	2496.5-13000	2496.5	-54.07	0.0039	2.5	2.5	Pass
NVNT	n20	2412	Ant1	30-1000	980.6	-50.94	0.0081	2.5	2.5	Pass
NVNT	n20	2412	Ant1	1000-2387	2387	-48.21	0.0151	2.5	2.5	Pass
NVNT	n20	2412	Ant1	2387-2400	2399.97	-21.31	7.3961	25	25	Pass
NVNT	n20	2412	Ant1	2483.5-2496.5	2493	-45.79	0.0264	25	25	Pass
NVNT	n20	2412	Ant1	2496.5-13000	12527.34	-51.9	0.0065	2.5	2.5	Pass
NVNT	n20	2442	Ant1	30-1000	722.58	-60.08	0.001	2.5	2.5	Pass
NVNT	n20	2442	Ant1	1000-2387	2281.59	-53.36	0.0046	2.5	2.5	Pass
NVNT	n20	2442	Ant1	2387-2400	2400	-47.61	0.0173	25	25	Pass
NVNT	n20	2442	Ant1	2483.5-2496.5	2495.62	-46.21	0.0239	25	25	Pass
NVNT	n20	2442	Ant1	2496.5-13000	2496.5	-56.38	0.0023	2.5	2.5	Pass
NVNT	n20	2472	Ant1	30-1000	990.3	-60.35	0.0009	2.5	2.5	Pass

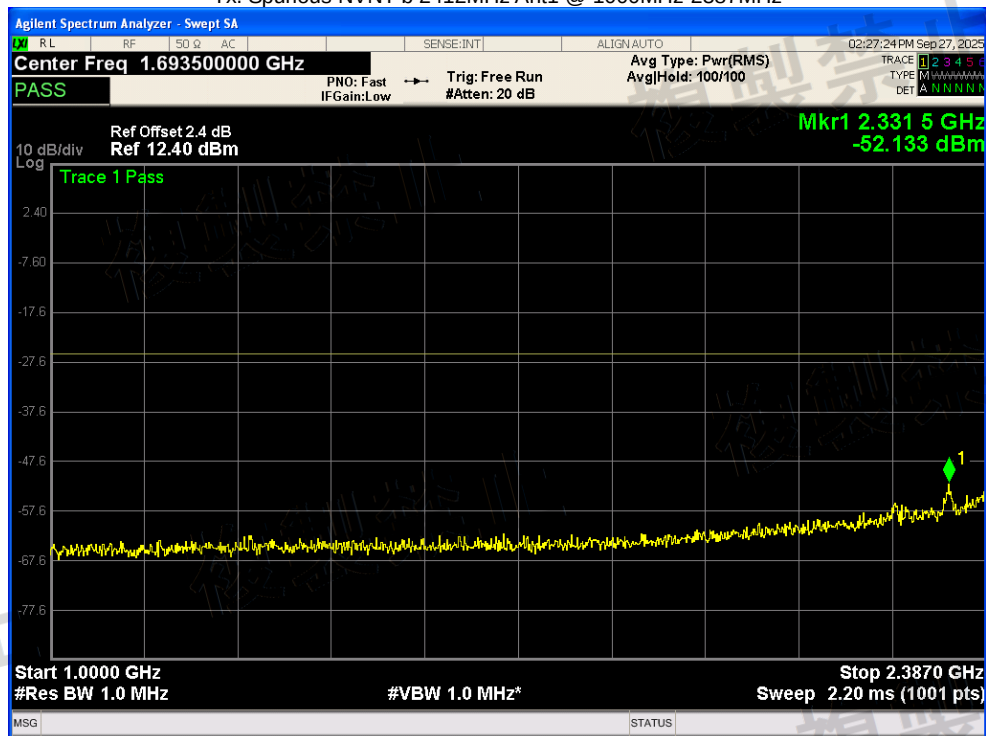
NVNT	n20	2472	Ant1	1000-2387	2312.1	-52.48	0.0056	2.5	2.5	Pass
NVNT	n20	2472	Ant1	2387-2400	2399.87	-49.19	0.0121	25	25	Pass
NVNT	n20	2472	Ant1	2483.5-2496.5	2484.66	-23.99	3.9902	25	25	Pass
NVNT	n20	2472	Ant1	2496.5-13000	2496.5	-48.49	0.0142	2.5	2.5	Pass
NVNT	n20	2412	Ant2	30-1000	228.85	-50.8	0.0083	2.5	2.5	Pass
NVNT	n20	2412	Ant2	1000-2387	2385.61	-48.25	0.015	2.5	2.5	Pass
NVNT	n20	2412	Ant2	2387-2400	2399.83	-23.28	4.6989	25	25	Pass
NVNT	n20	2412	Ant2	2483.5-2496.5	2493.5	-48.58	0.0139	25	25	Pass
NVNT	n20	2412	Ant2	2496.5-13000	12558.85	-52.42	0.0057	2.5	2.5	Pass
NVNT	n20	2442	Ant2	30-1000	492.69	-60.46	0.0009	2.5	2.5	Pass
NVNT	n20	2442	Ant2	1000-2387	2366.19	-54.83	0.0033	2.5	2.5	Pass
NVNT	n20	2442	Ant2	2387-2400	2394.44	-47.83	0.0165	25	25	Pass
NVNT	n20	2442	Ant2	2483.5-2496.5	2496.42	-52.27	0.0059	25	25	Pass
NVNT	n20	2442	Ant2	2496.5-13000	2496.5	-60.08	0.001	2.5	2.5	Pass
NVNT	n20	2472	Ant2	30-1000	883.6	-60.69	0.0009	2.5	2.5	Pass
NVNT	n20	2472	Ant2	1000-2387	2303.78	-55.44	0.0029	2.5	2.5	Pass
NVNT	n20	2472	Ant2	2387-2400	2399.91	-51.59	0.0069	25	25	Pass
NVNT	n20	2472	Ant2	2483.5-2496.5	2485.2	-32.06	0.6223	25	25	Pass
NVNT	n20	2472	Ant2	2496.5-13000	2496.5	-56.28	0.0024	2.5	2.5	Pass
NVNT	n40	2422	Ant1	30-1000	907.85	-60.33	0.0009	2.5	2.5	Pass
NVNT	n40	2422	Ant1	1000-2387	2384.23	-43.9	0.0407	2.5	2.5	Pass
NVNT	n40	2422	Ant1	2387-2400	2399.8	-25.07	3.1117	25	25	Pass
NVNT	n40	2422	Ant1	2483.5-2496.5	2483.99	-42.7	0.0537	25	25	Pass
NVNT	n40	2422	Ant1	2496.5-13000	2496.5	-55.54	0.0028	2.5	2.5	Pass
NVNT	n40	2442	Ant1	30-1000	435.46	-60.85	0.0008	2.5	2.5	Pass
NVNT	n40	2442	Ant1	1000-2387	2370.36	-46.33	0.0233	2.5	2.5	Pass
NVNT	n40	2442	Ant1	2387-2400	2399.97	-37.52	0.177	25	25	Pass
NVNT	n40	2442	Ant1	2483.5-2496.5	2483.84	-37.45	0.1799	25	25	Pass
NVNT	n40	2442	Ant1	2496.5-13000	2496.5	-54.76	0.0033	2.5	2.5	Pass
NVNT	n40	2462	Ant1	30-1000	831.22	-59.65	0.0011	2.5	2.5	Pass
NVNT	n40	2462	Ant1	1000-2387	2364.81	-52.86	0.0052	2.5	2.5	Pass
NVNT	n40	2462	Ant1	2387-2400	2398.47	-40.37	0.0918	25	25	Pass
NVNT	n40	2462	Ant1	2483.5-2496.5	2483.51	-24.72	3.3729	25	25	Pass
NVNT	n40	2462	Ant1	2496.5-13000	2496.5	-48.44	0.0143	2.5	2.5	Pass
NVNT	n40	2422	Ant2	30-1000	906.88	-60.42	0.0009	2.5	2.5	Pass
NVNT	n40	2422	Ant2	1000-2387	2374.52	-40.37	0.0918	2.5	2.5	Pass
NVNT	n40	2422	Ant2	2387-2400	2400	-27.29	1.8664	25	25	Pass
NVNT	n40	2422	Ant2	2483.5-2496.5	2495.27	-46.21	0.0239	25	25	Pass
NVNT	n40	2422	Ant2	2496.5-13000	2496.5	-58.93	0.0013	2.5	2.5	Pass
NVNT	n40	2442	Ant2	30-1000	418.97	-60.27	0.0009	2.5	2.5	Pass
NVNT	n40	2442	Ant2	1000-2387	2339.84	-53.47	0.0045	2.5	2.5	Pass
NVNT	n40	2442	Ant2	2387-2400	2394.4	-37.85	0.1641	25	25	Pass
NVNT	n40	2442	Ant2	2483.5-2496.5	2484.37	-39.77	0.1054	25	25	Pass
NVNT	n40	2442	Ant2	2496.5-13000	2517.51	-56.48	0.0022	2.5	2.5	Pass
NVNT	n40	2462	Ant2	30-1000	917.55	-60.84	0.0008	2.5	2.5	Pass
NVNT	n40	2462	Ant2	1000-2387	2368.97	-54.7	0.0034	2.5	2.5	Pass
NVNT	n40	2462	Ant2	2387-2400	2398.13	-45.1	0.0309	25	25	Pass
NVNT	n40	2462	Ant2	2483.5-2496.5	2483.57	-27.46	1.7947	25	25	Pass
NVNT	n40	2462	Ant2	2496.5-13000	2496.5	-48.15	0.0153	2.5	2.5	Pass

Note : The emissions of ANT 1& ANT 2 both have 3dB margin for the limits, so the MIMO test data is below the limits.

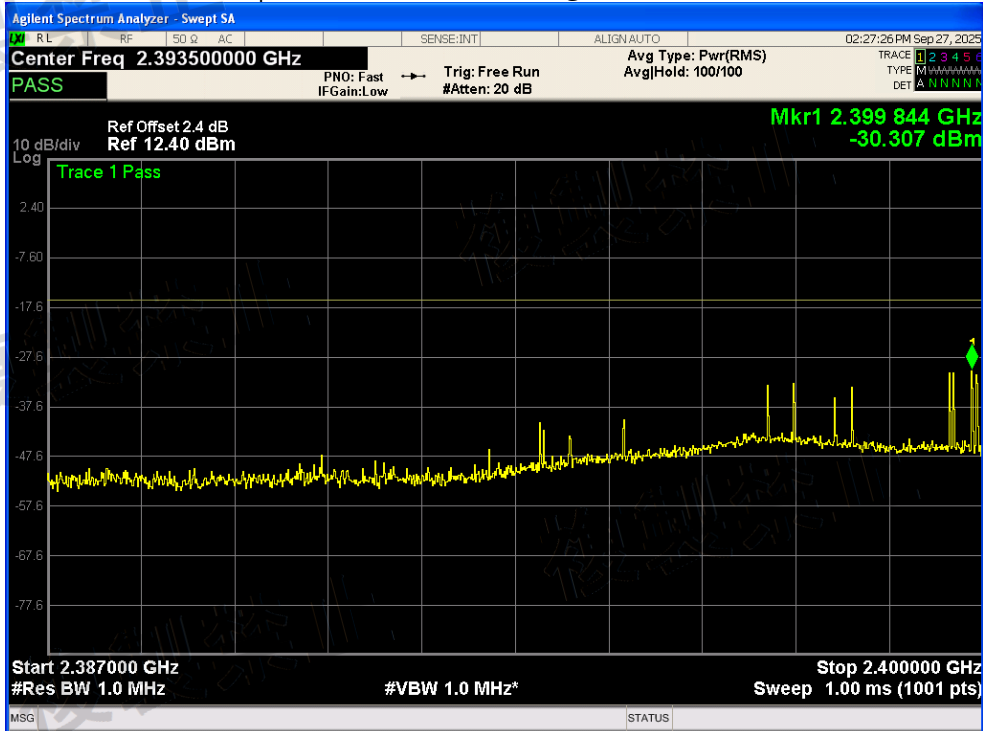
Tx. Spurious NVNT b 2412MHz Ant1 @ 30MHz-1000MHz



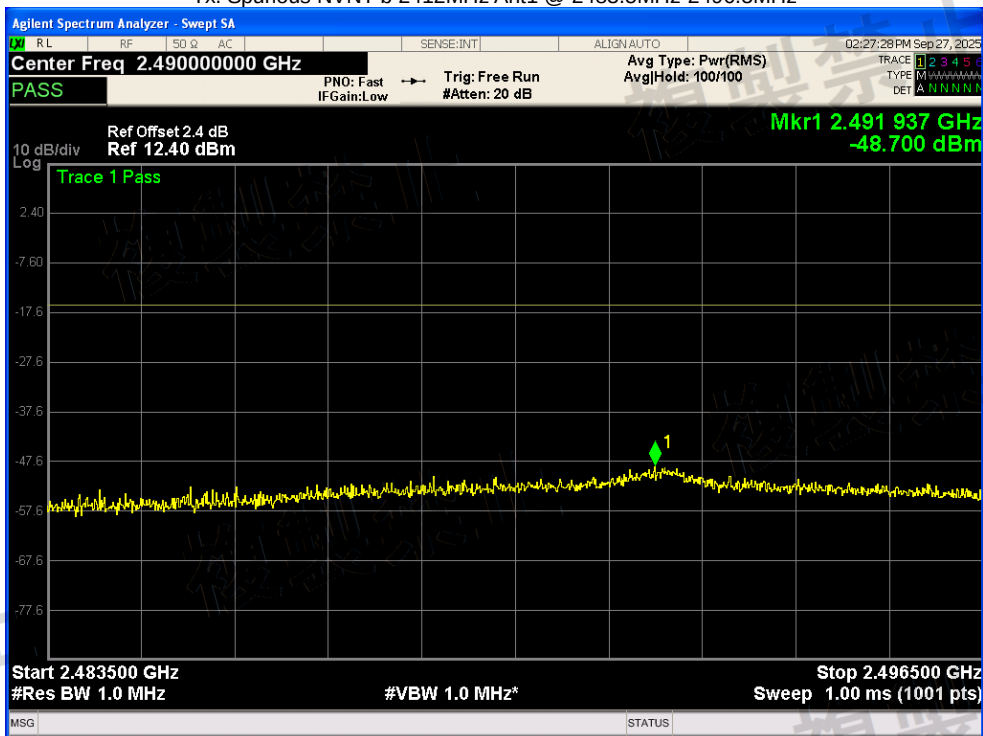
Tx. Spurious NVNT b 2412MHz Ant1 @ 1000MHz-2387MHz



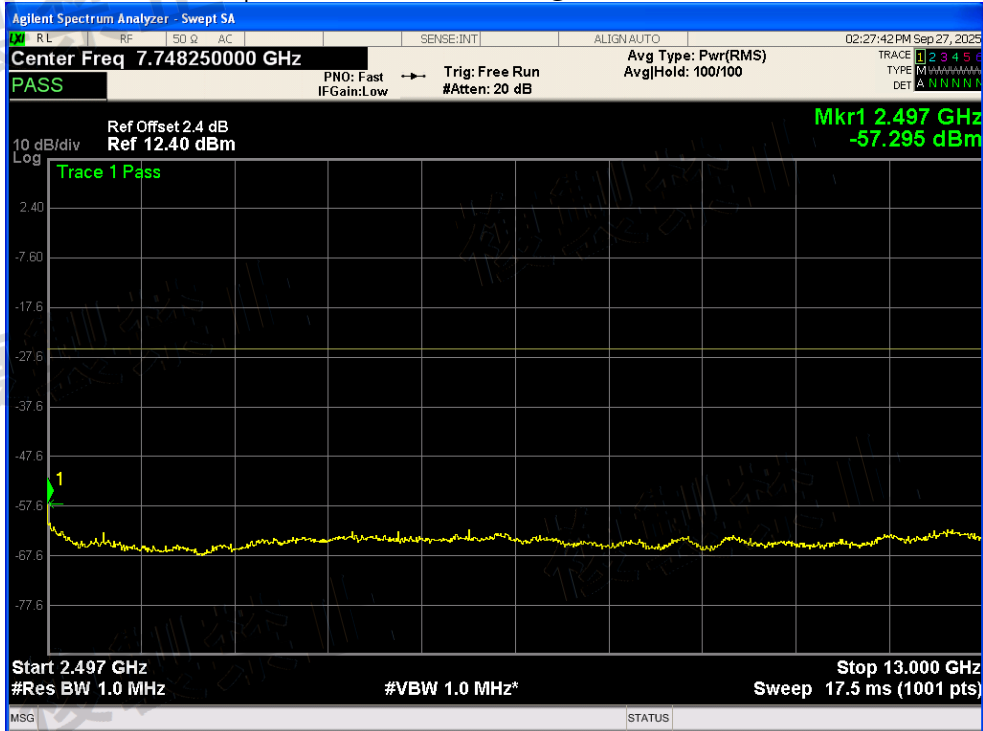
Tx. Spurious NVNT b 2412MHz Ant1 @ 2387MHz-2400MHz



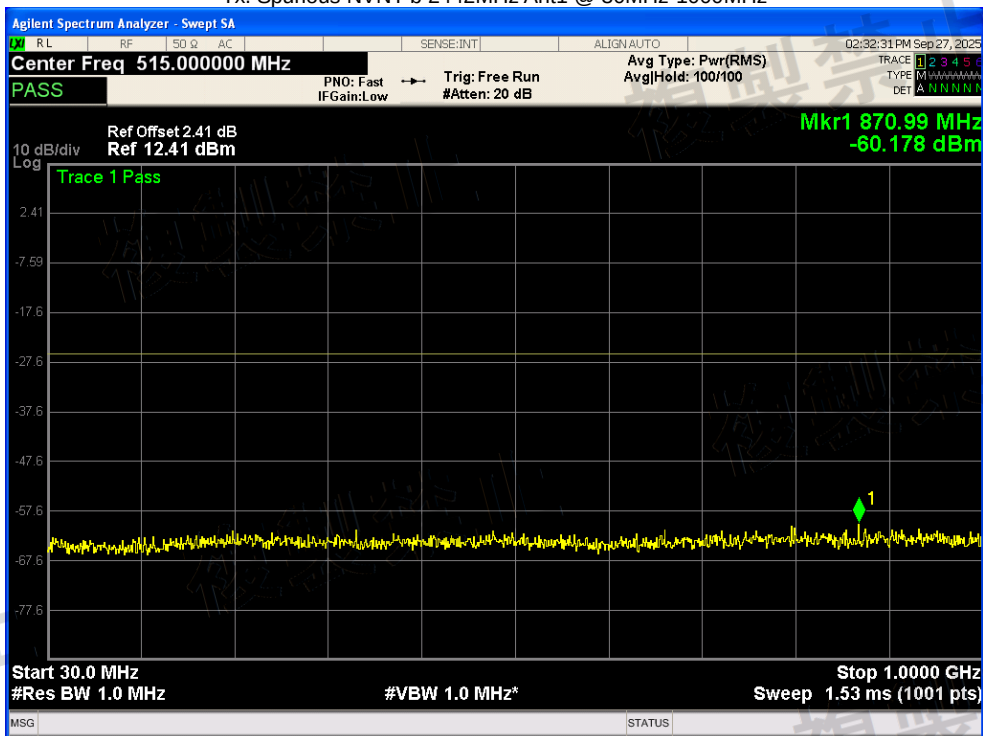
Tx. Spurious NVNT b 2412MHz Ant1 @ 2483.5MHz-2496.5MHz



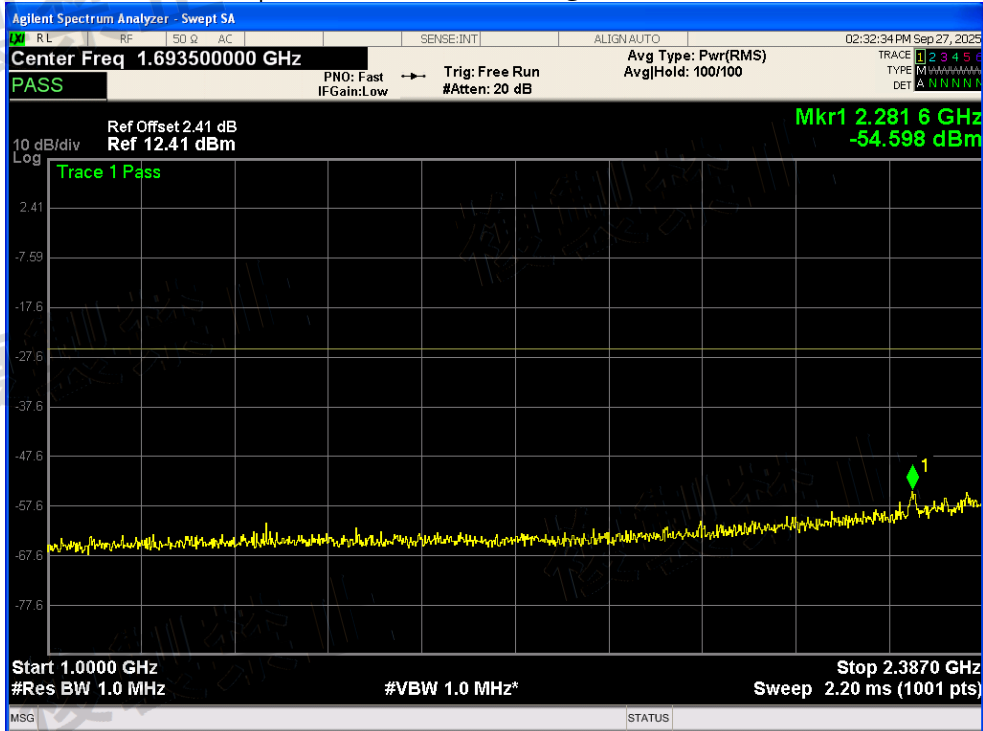
Tx. Spurious NVNT b 2412MHz Ant1 @ 2496.5MHz-13000MHz



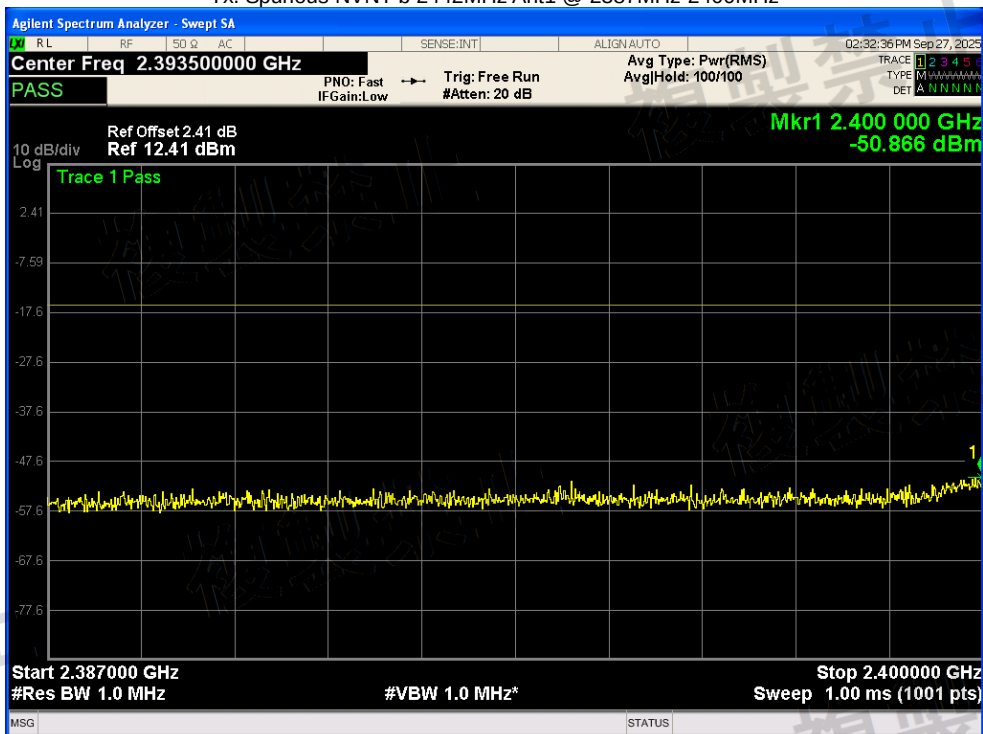
Tx. Spurious NVNT b 2442MHz Ant1 @ 30MHz-1000MHz



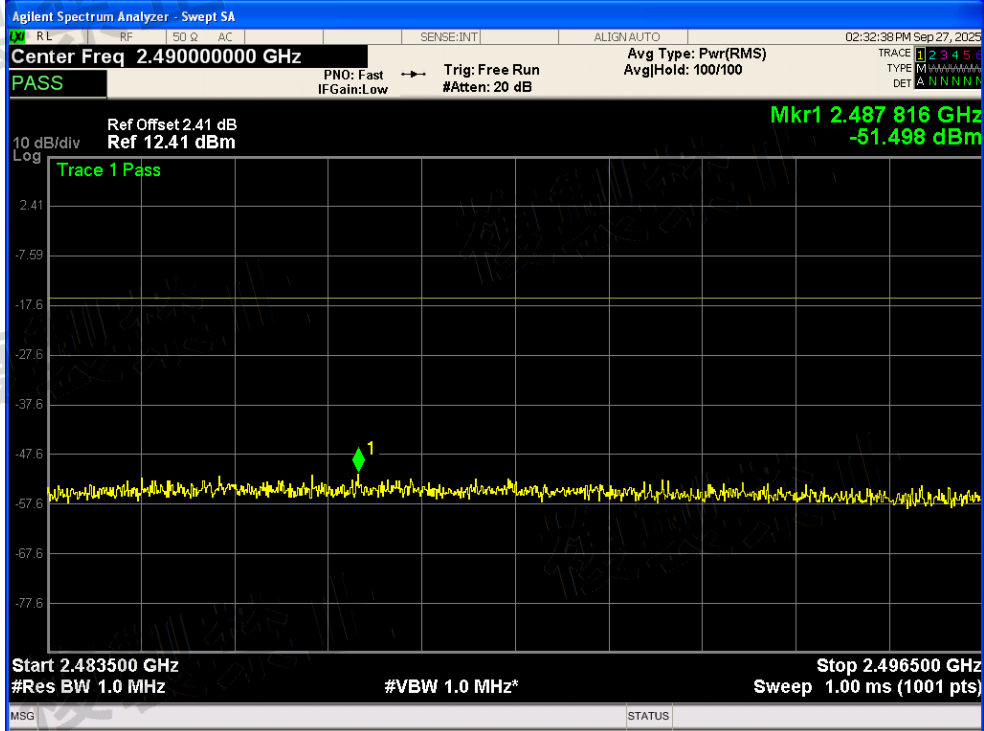
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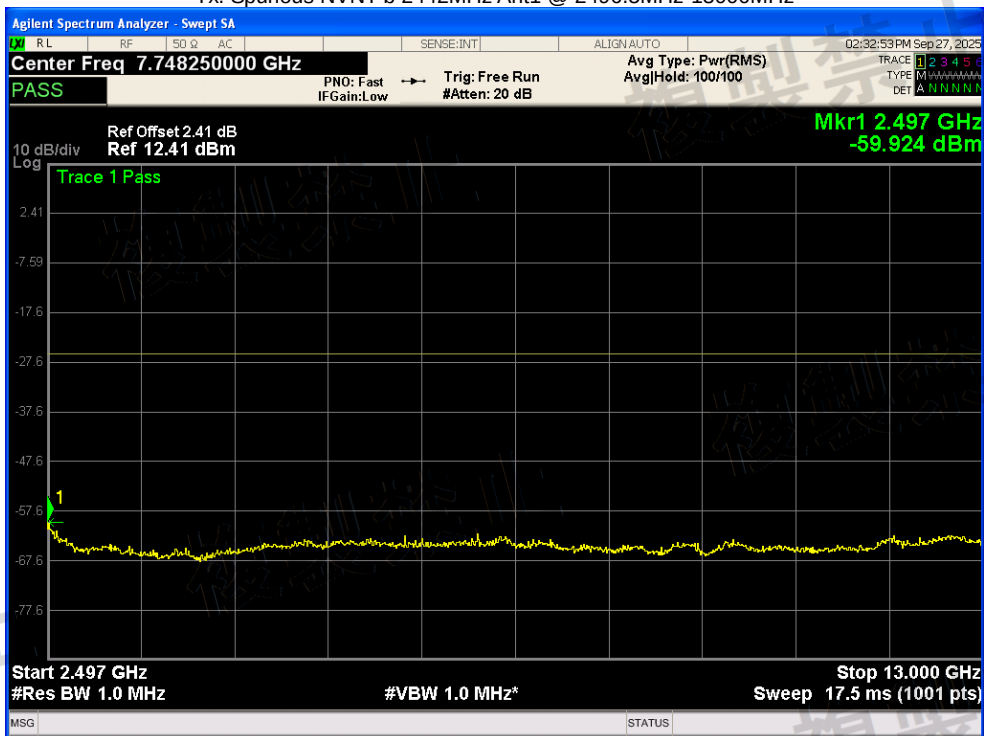
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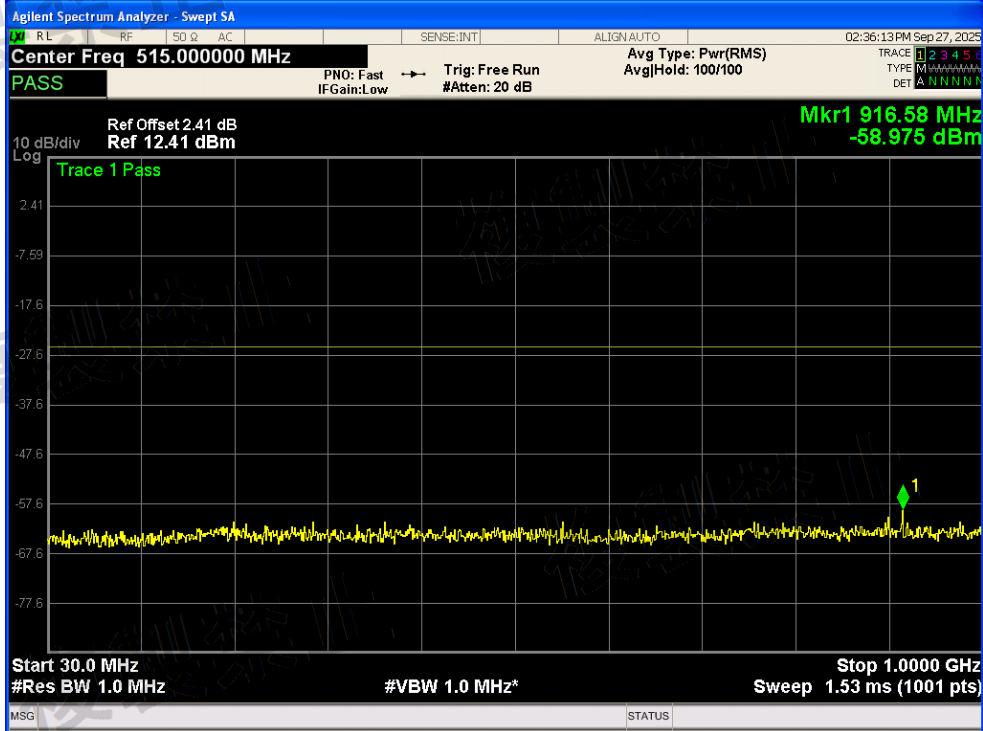
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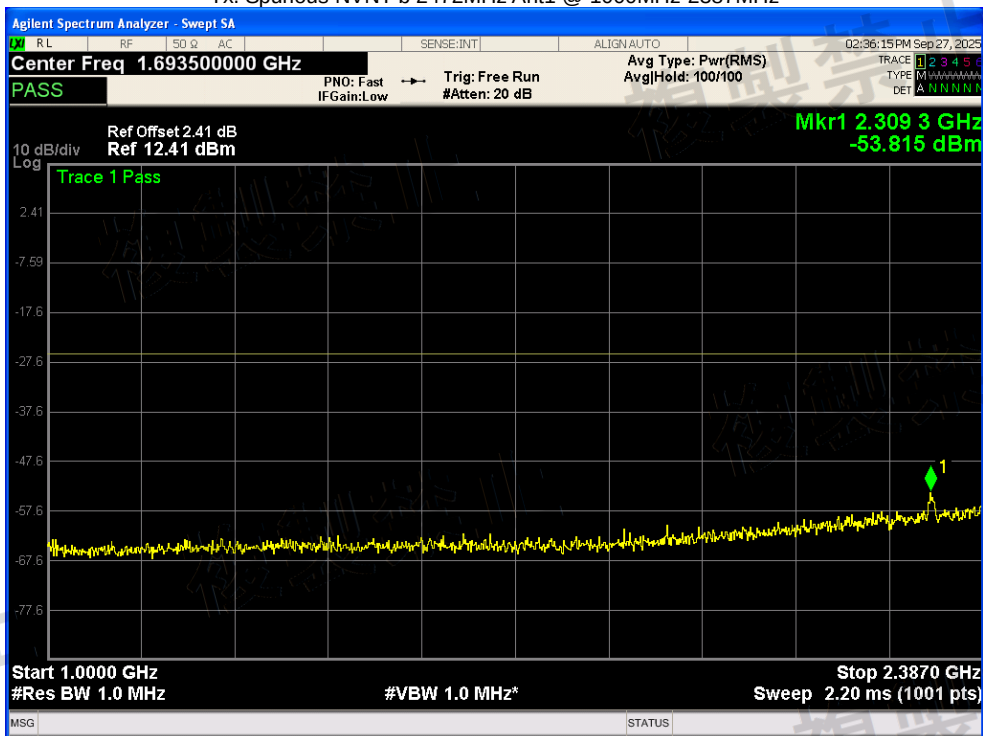
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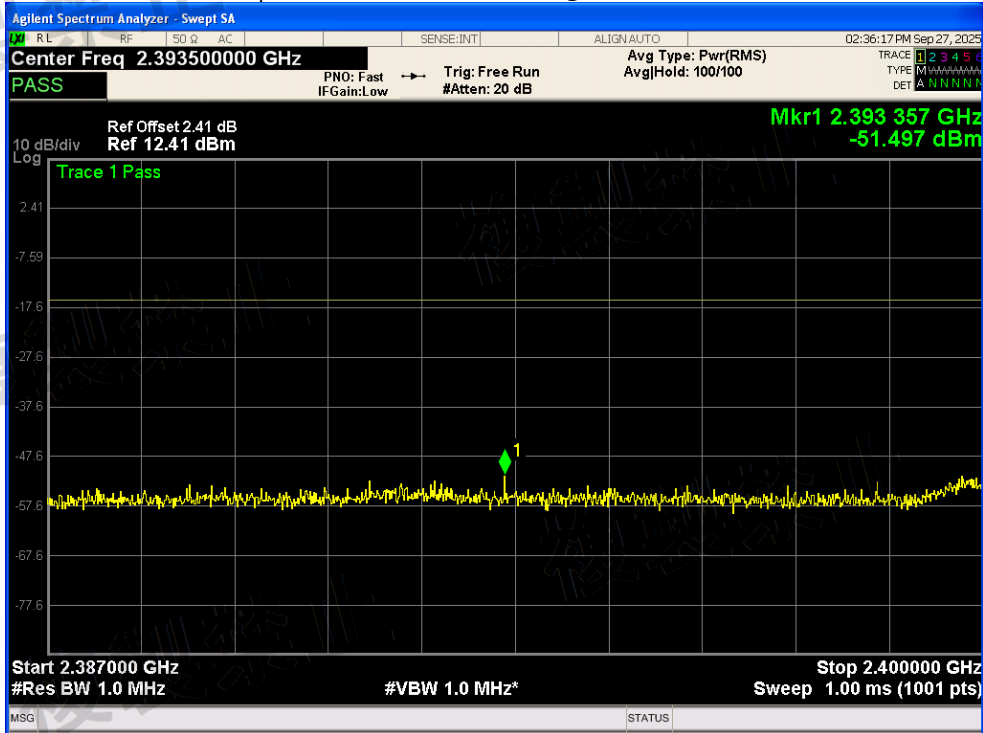
Tx. Spurious NVNT b 2472MHz Ant1 @ 30MHz-1000MHz



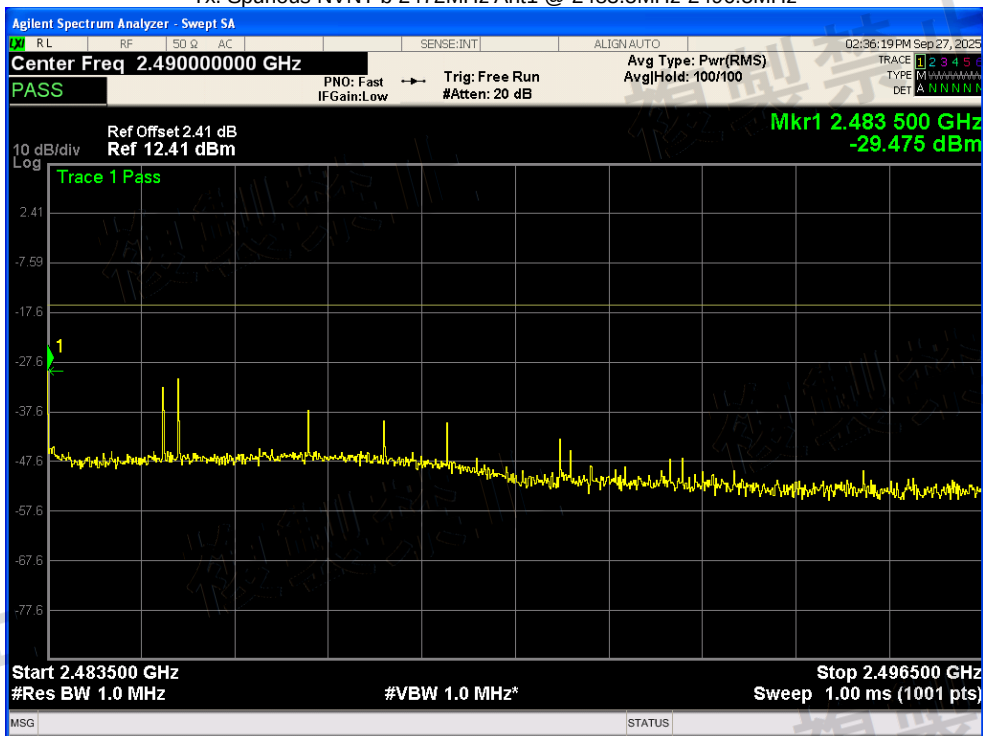
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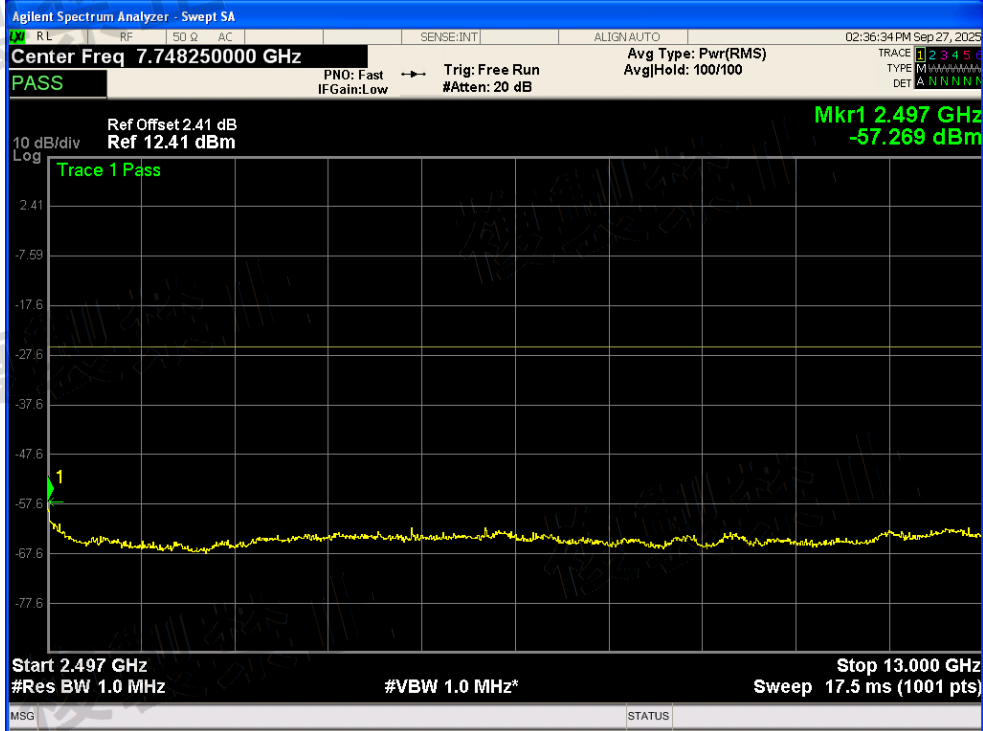
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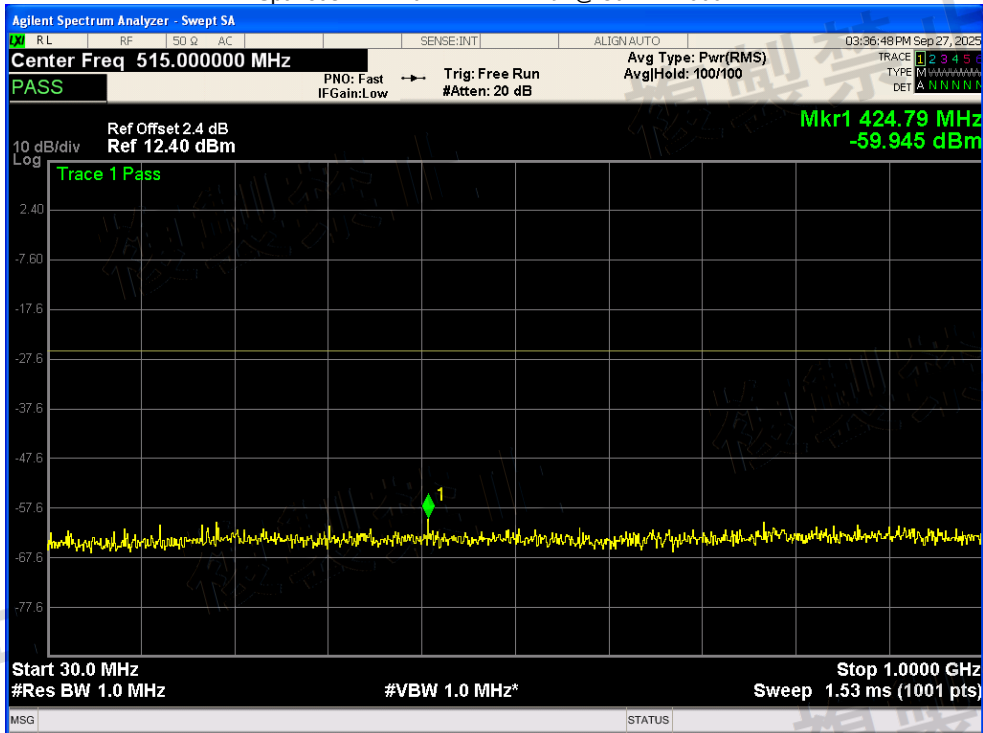
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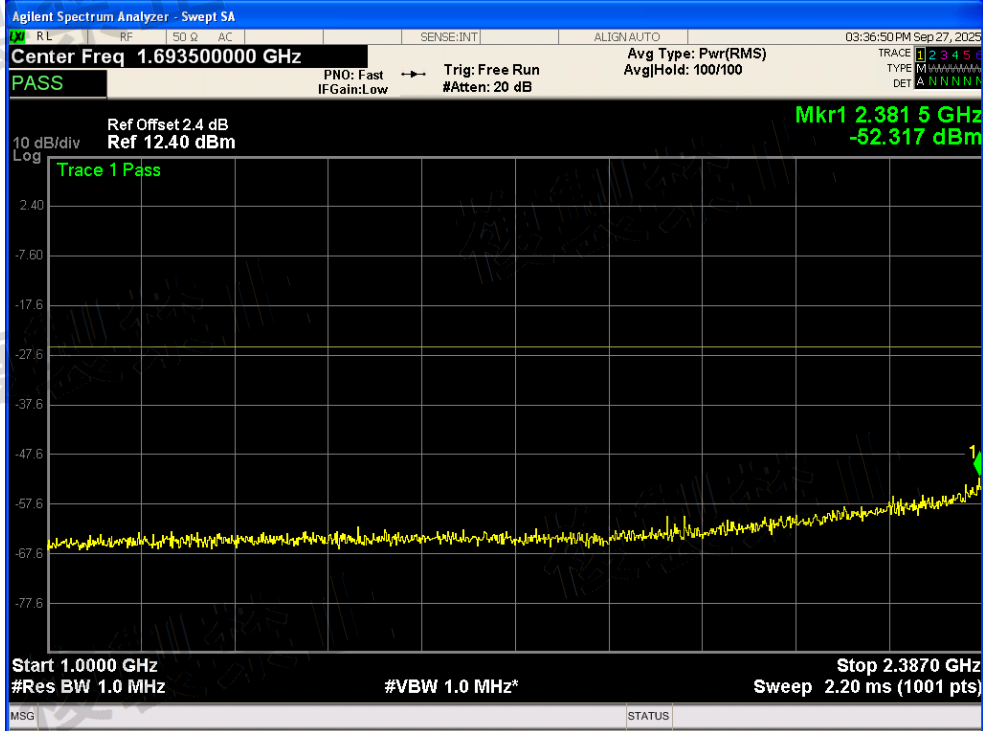
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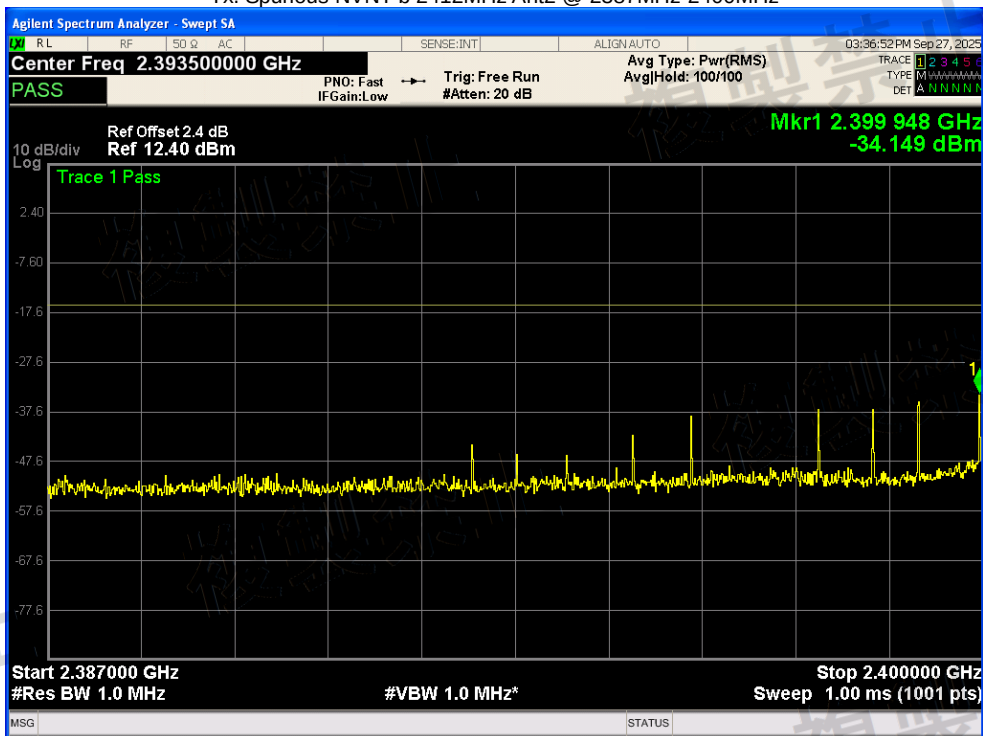
Tx. Spurious NVNT b 2412MHz Ant2 @ 30MHz-1000MHz



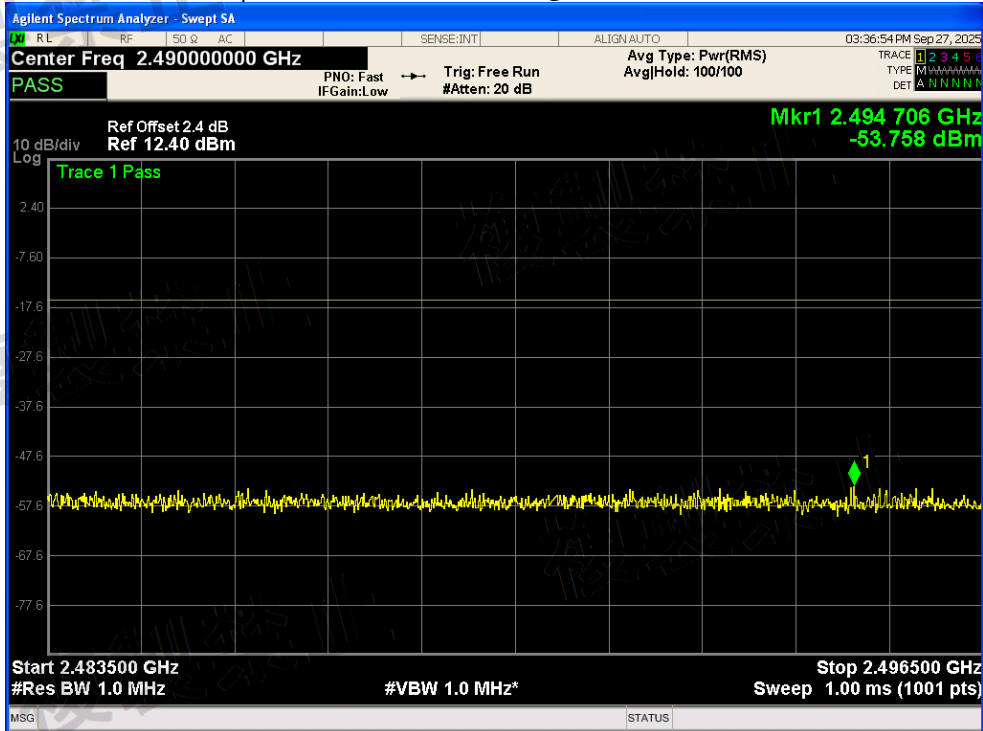
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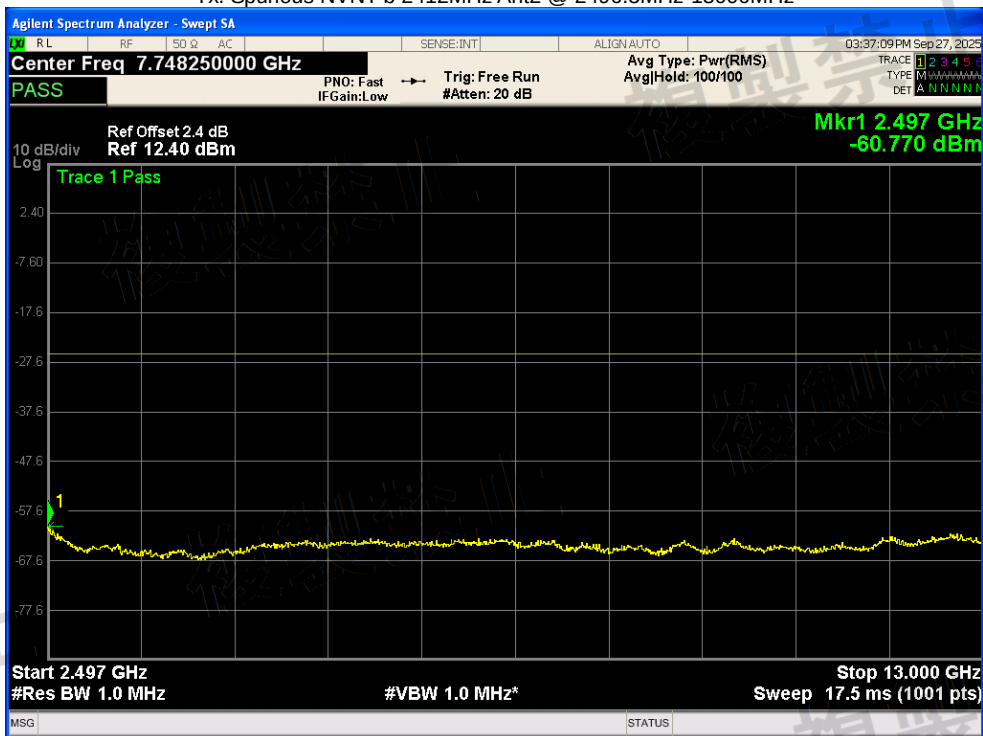
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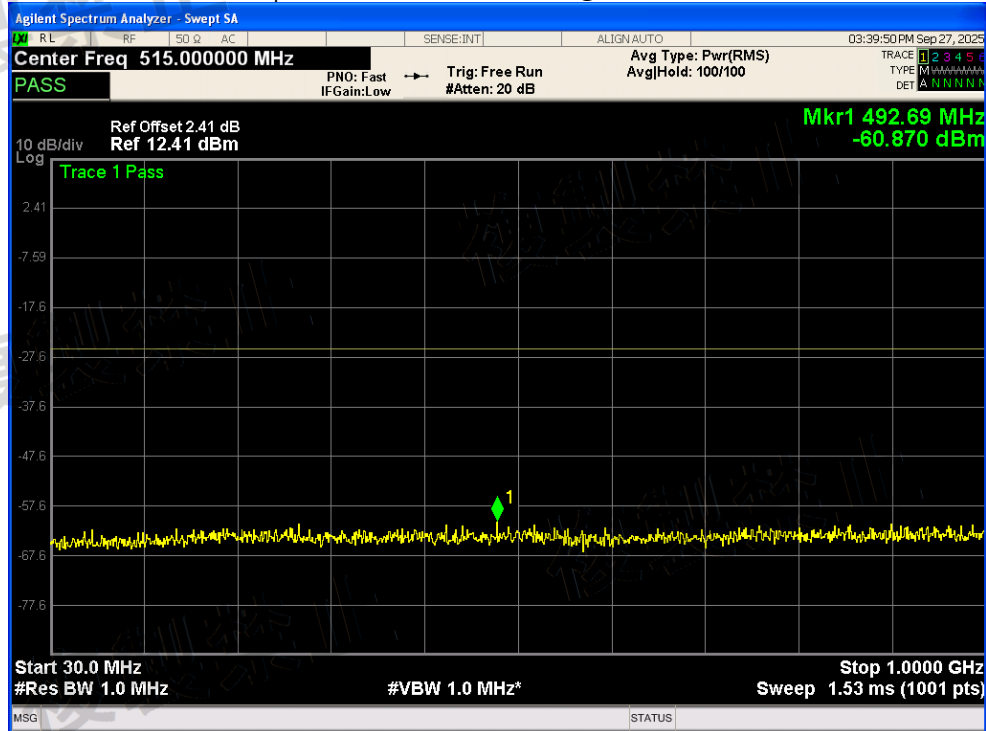
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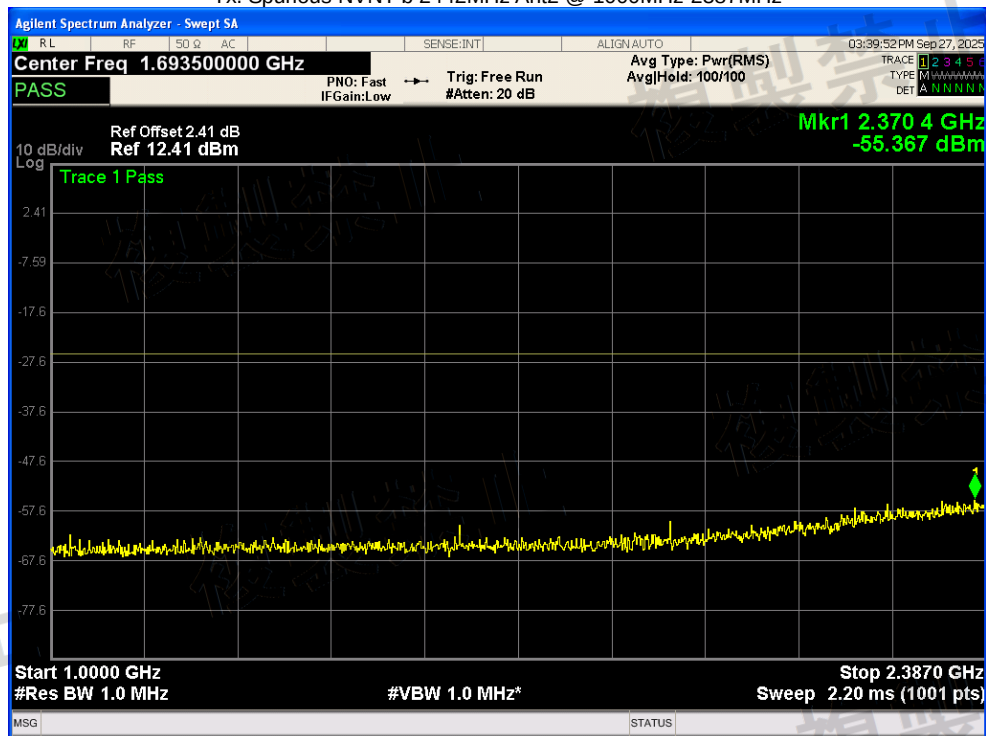
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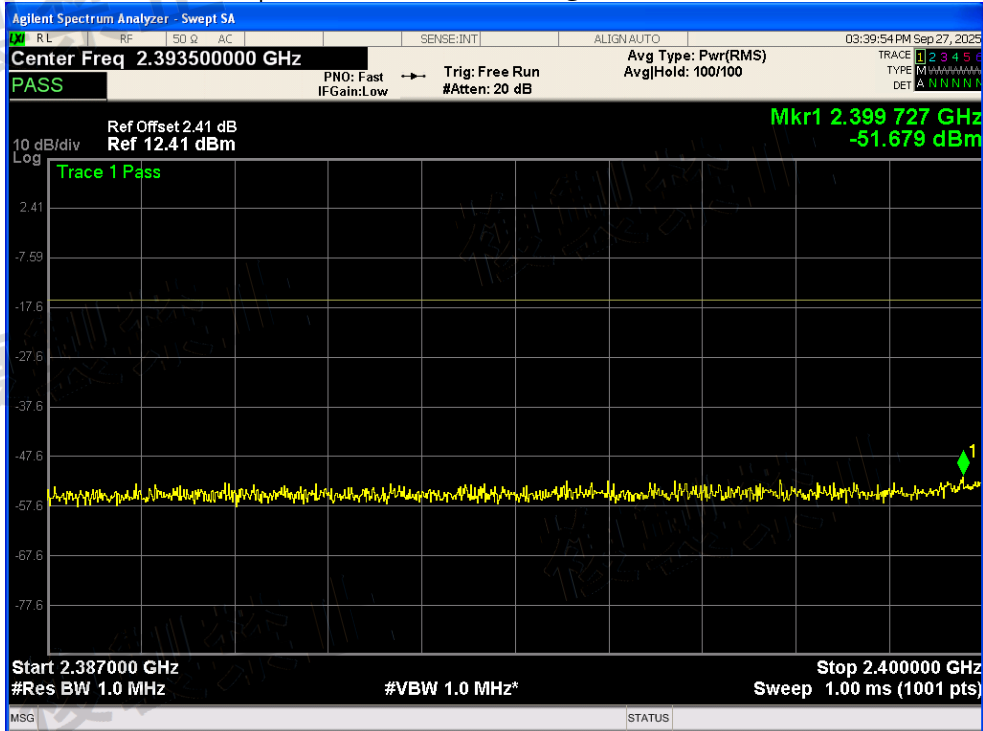
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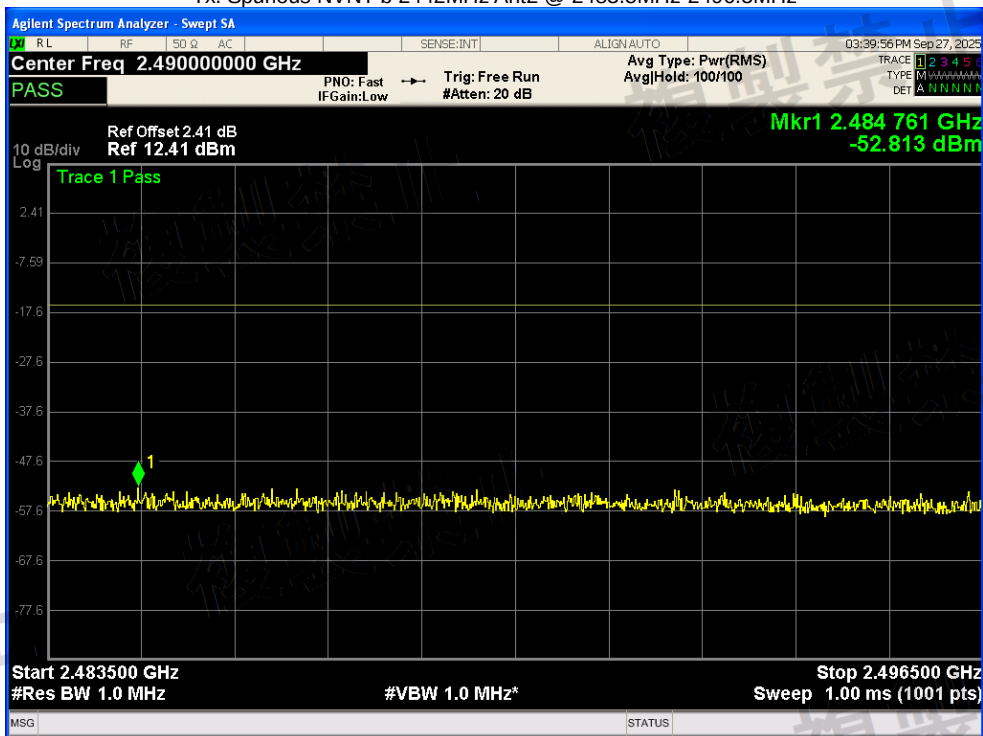
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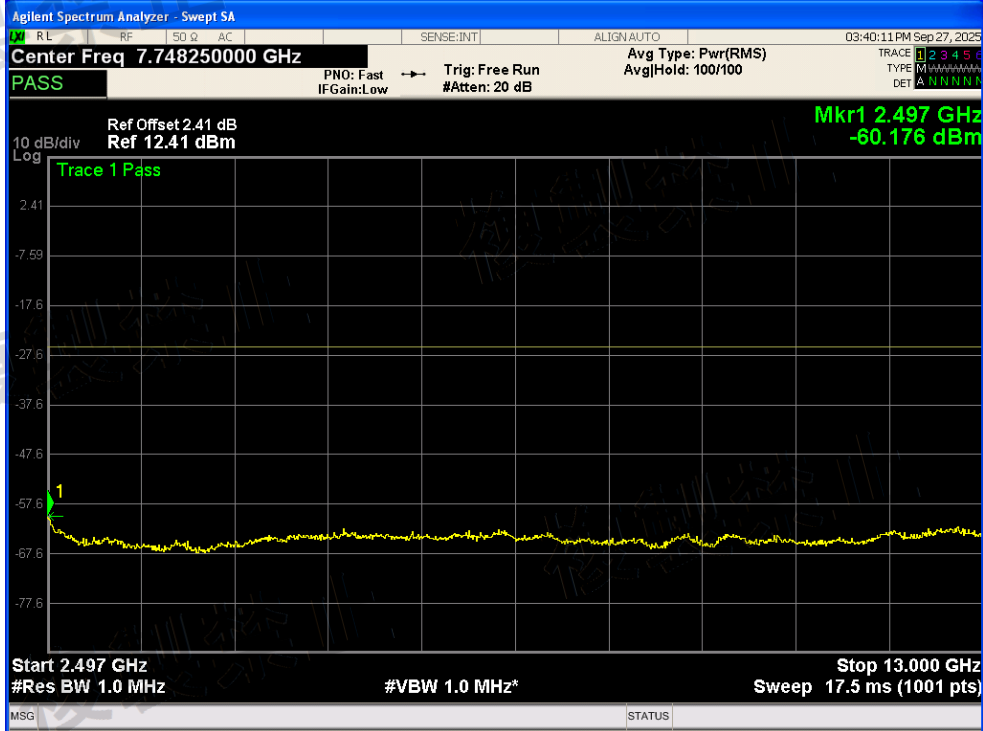
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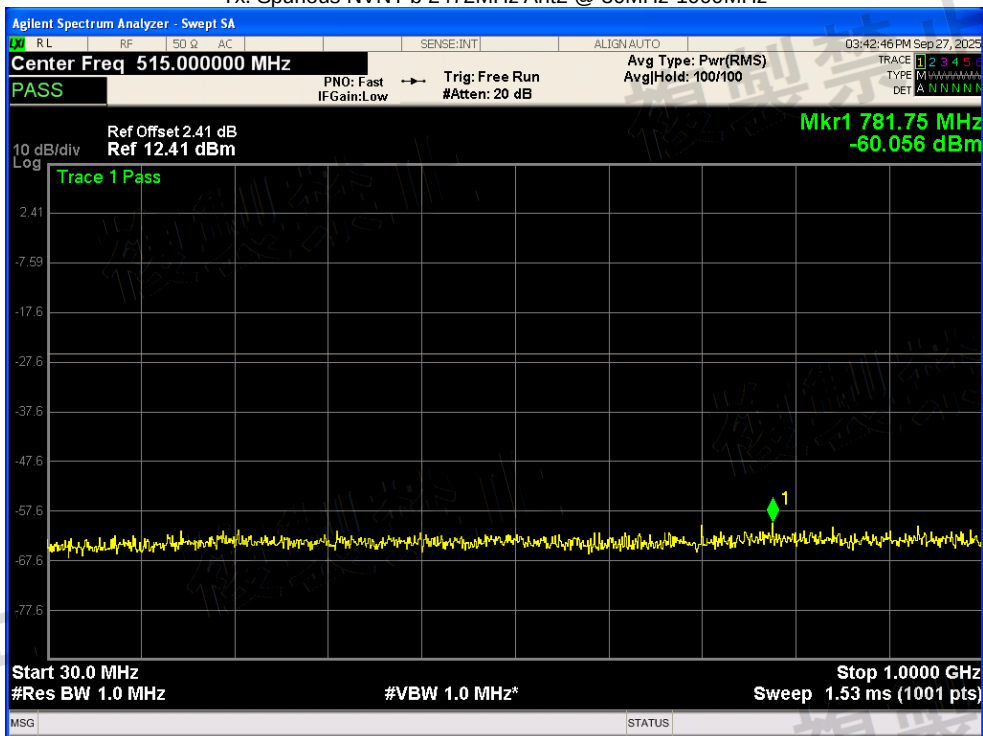
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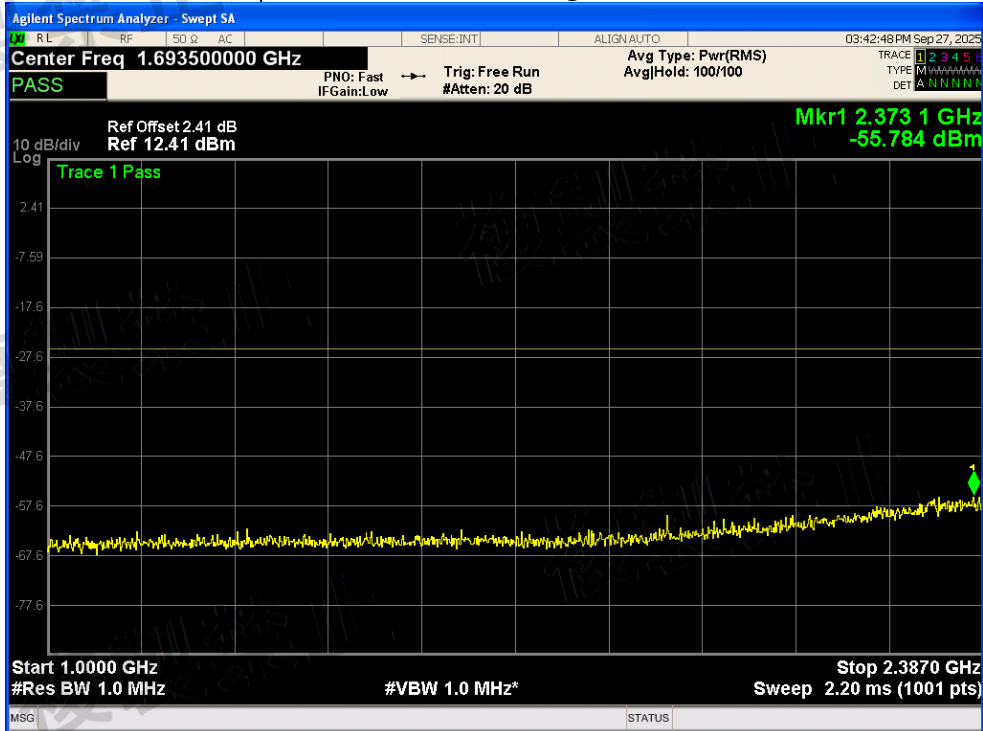
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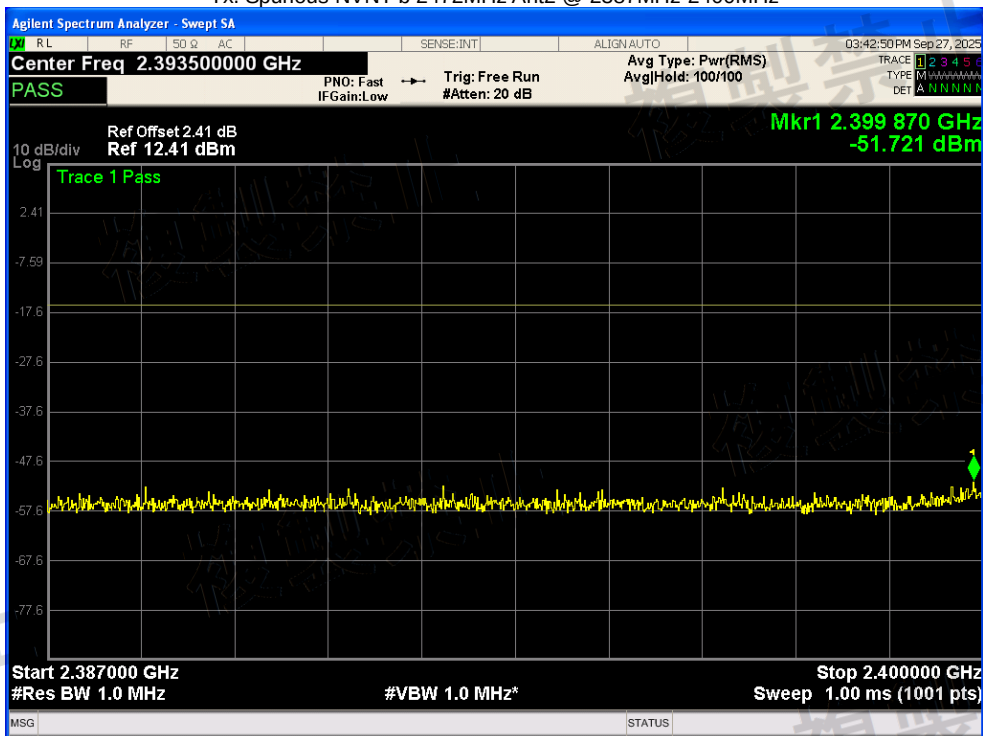
Tx. Spurious NVNT b 2472MHz Ant2 @ 30MHz-1000MHz



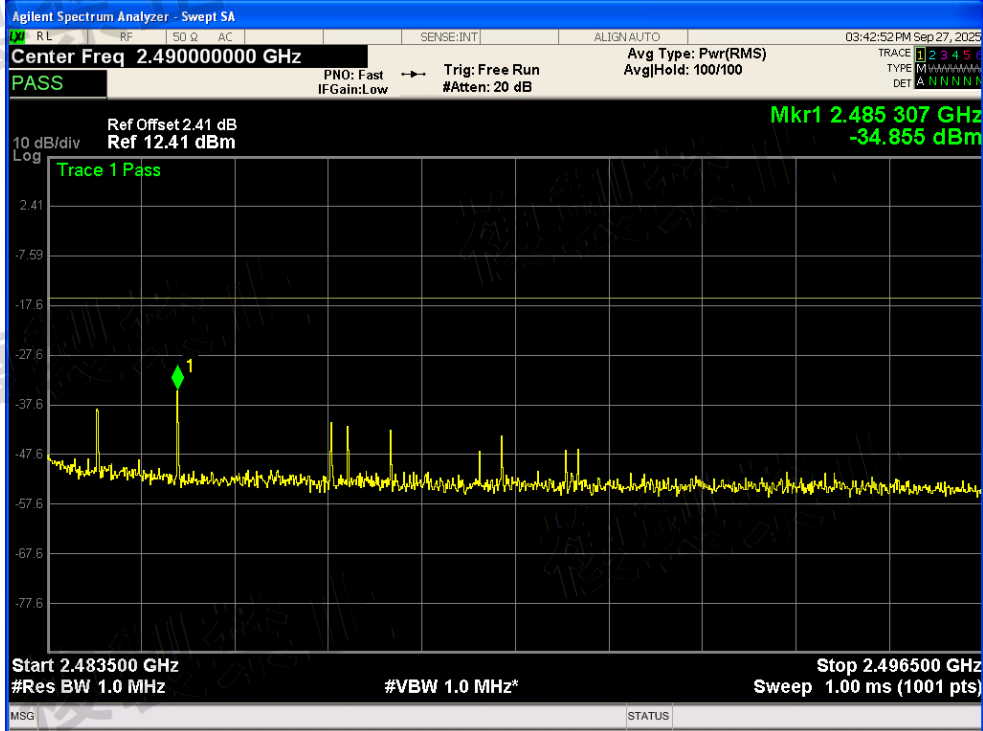
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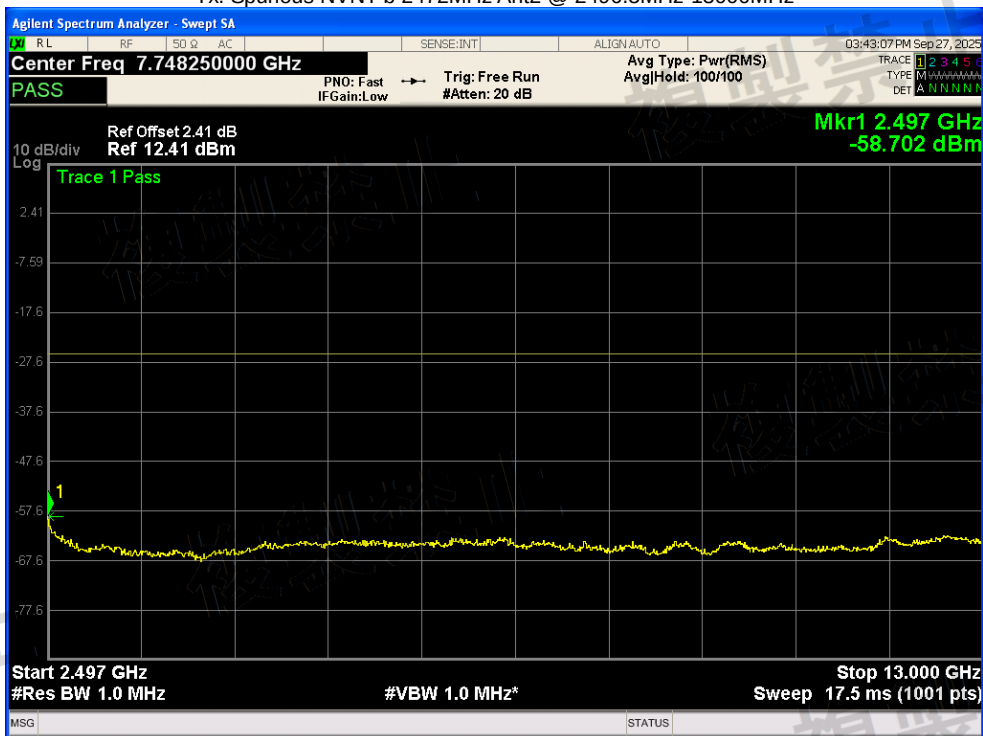
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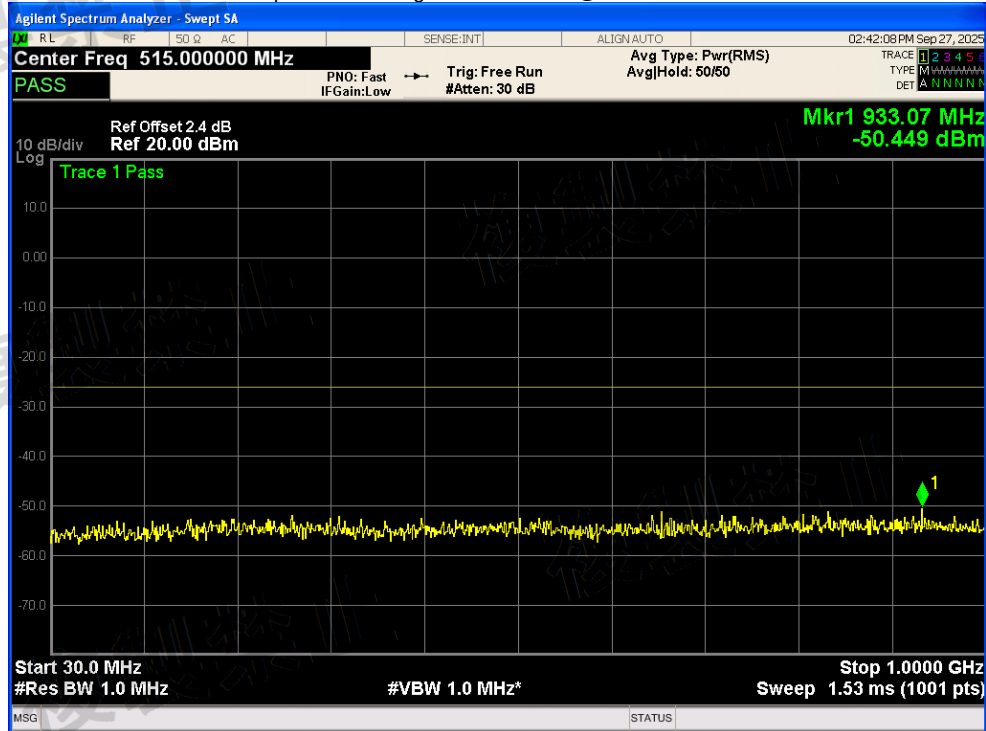
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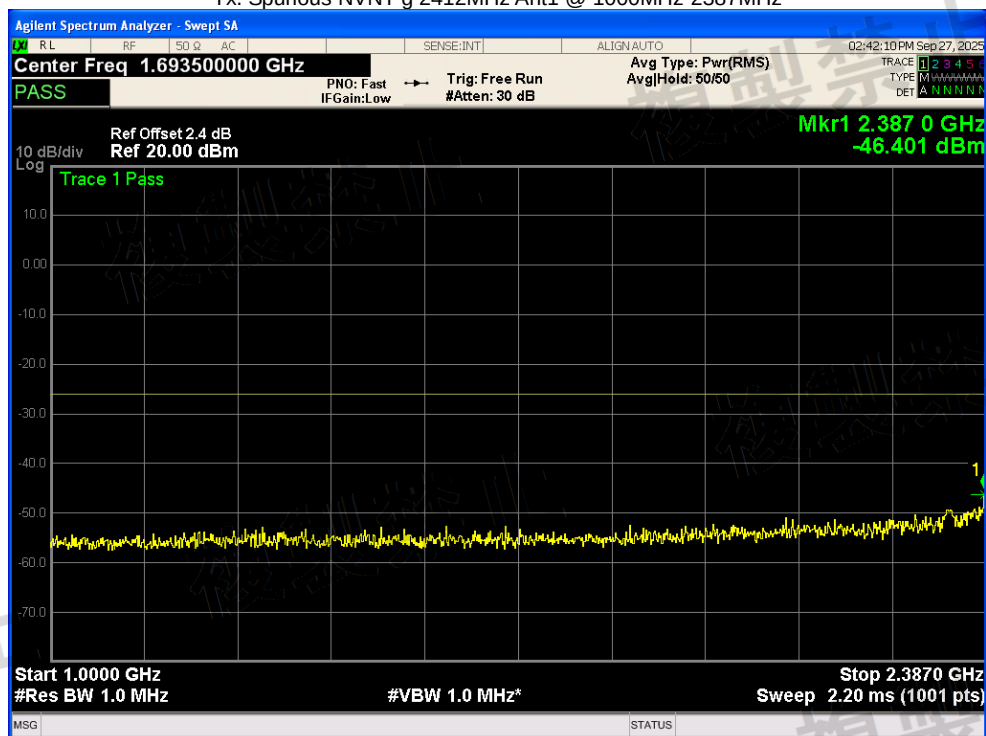
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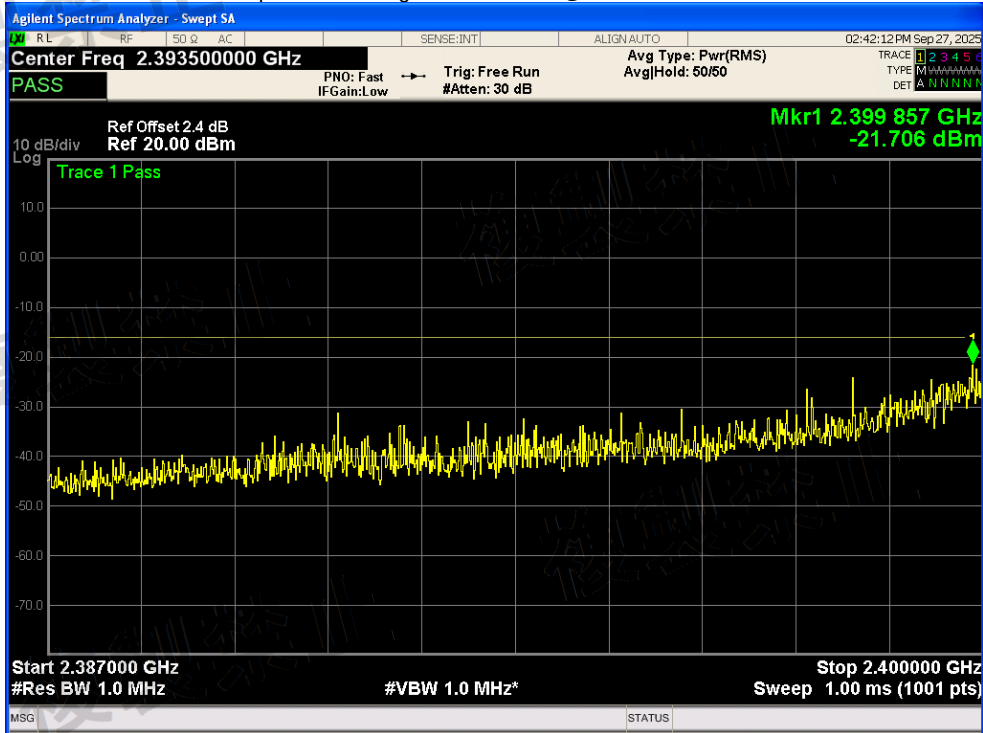
Tx. Spurious NVNT g 2412MHz Ant1 @ 30MHz-1000MHz



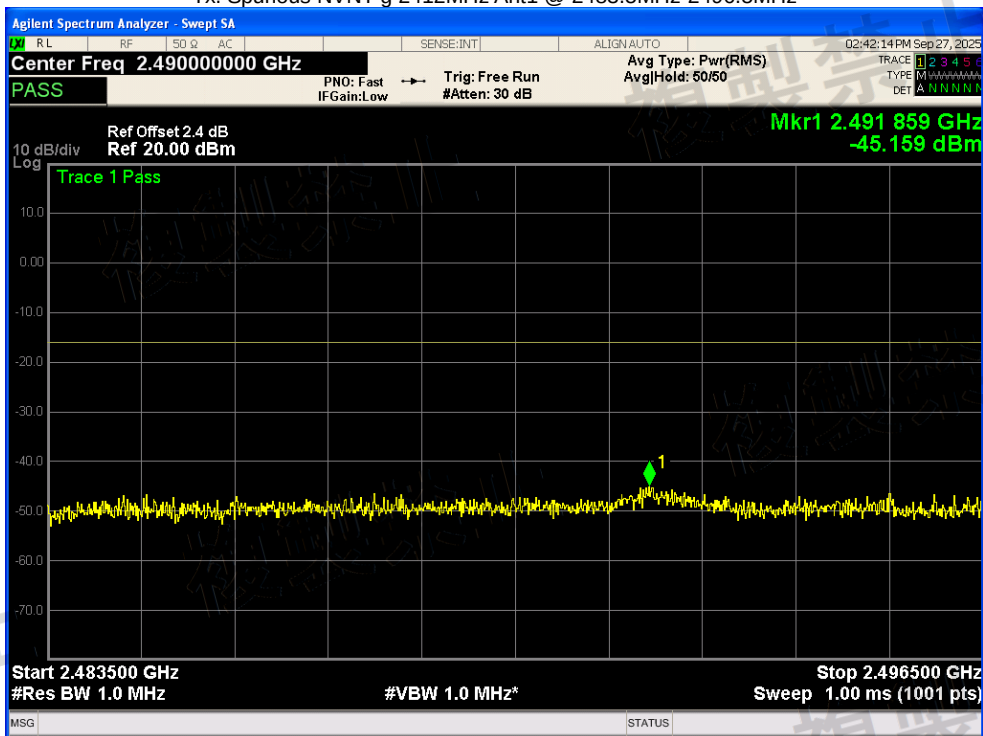
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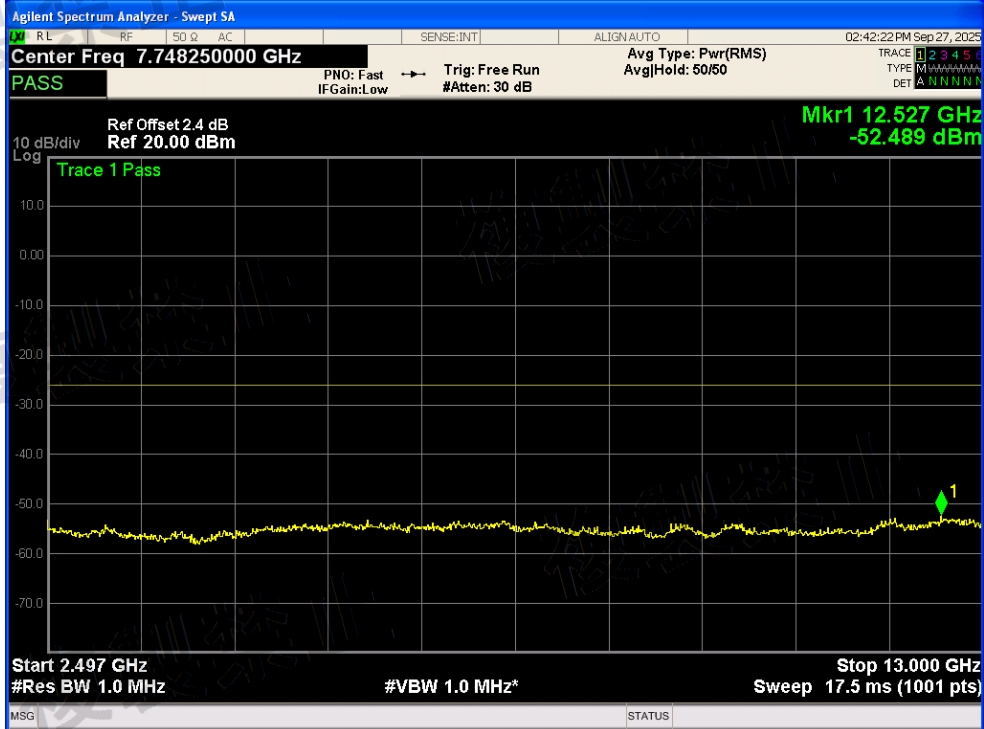
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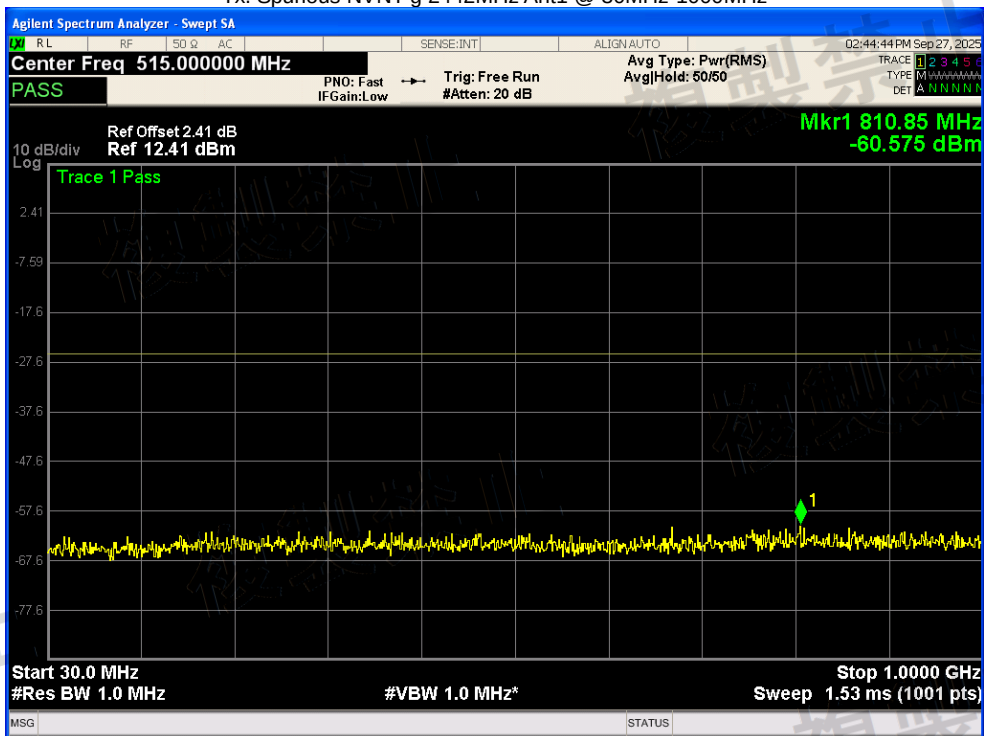
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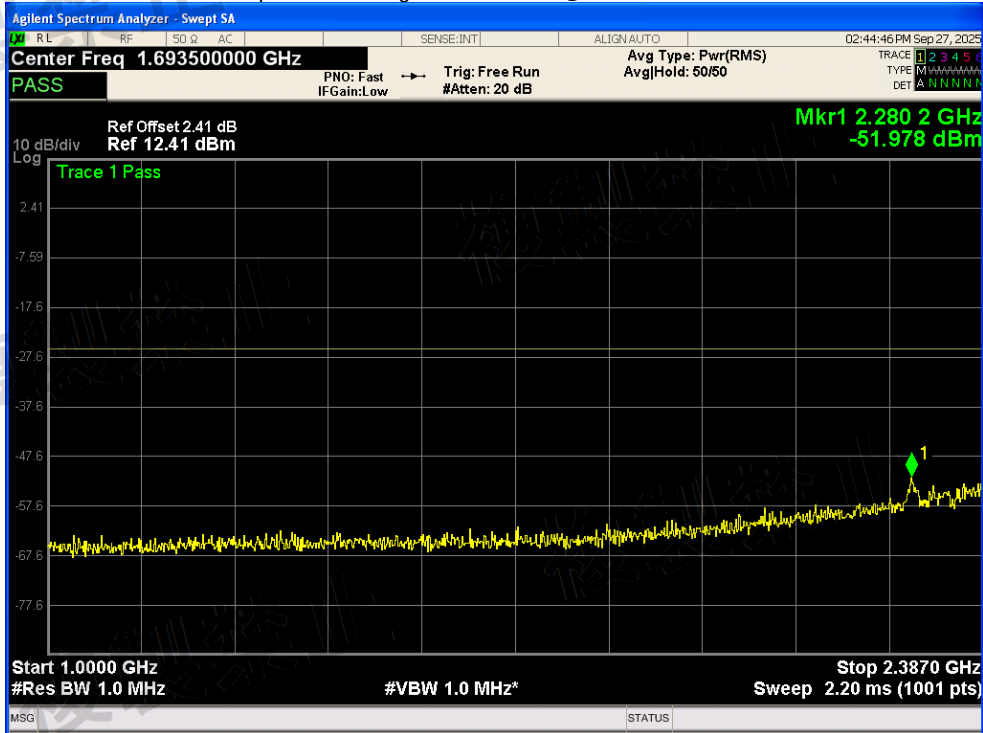
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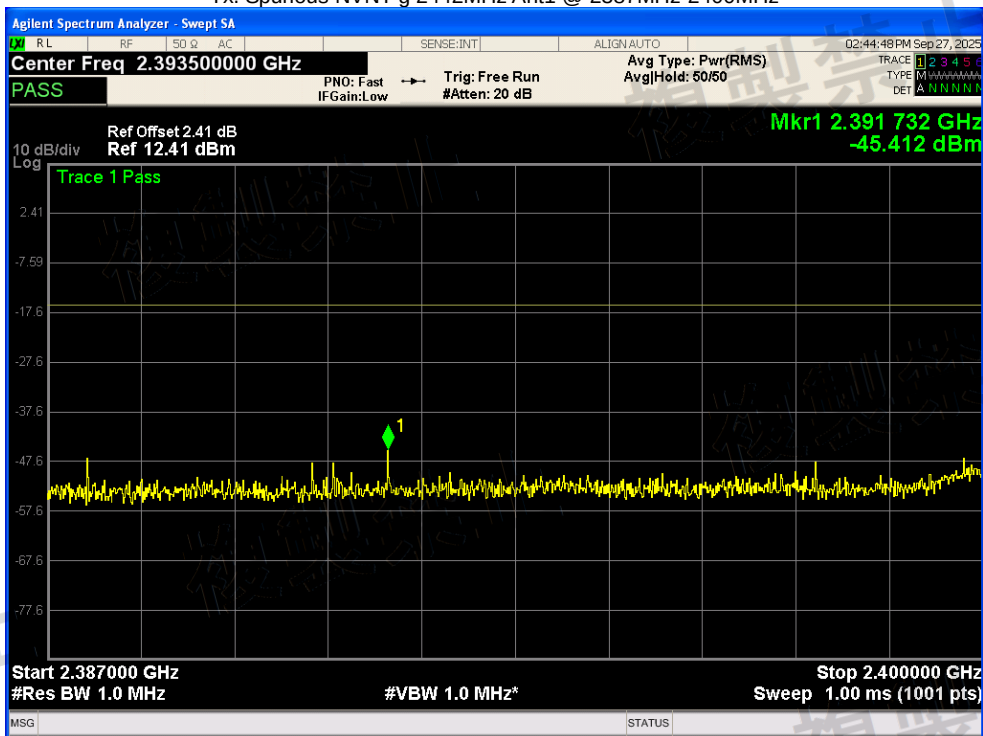
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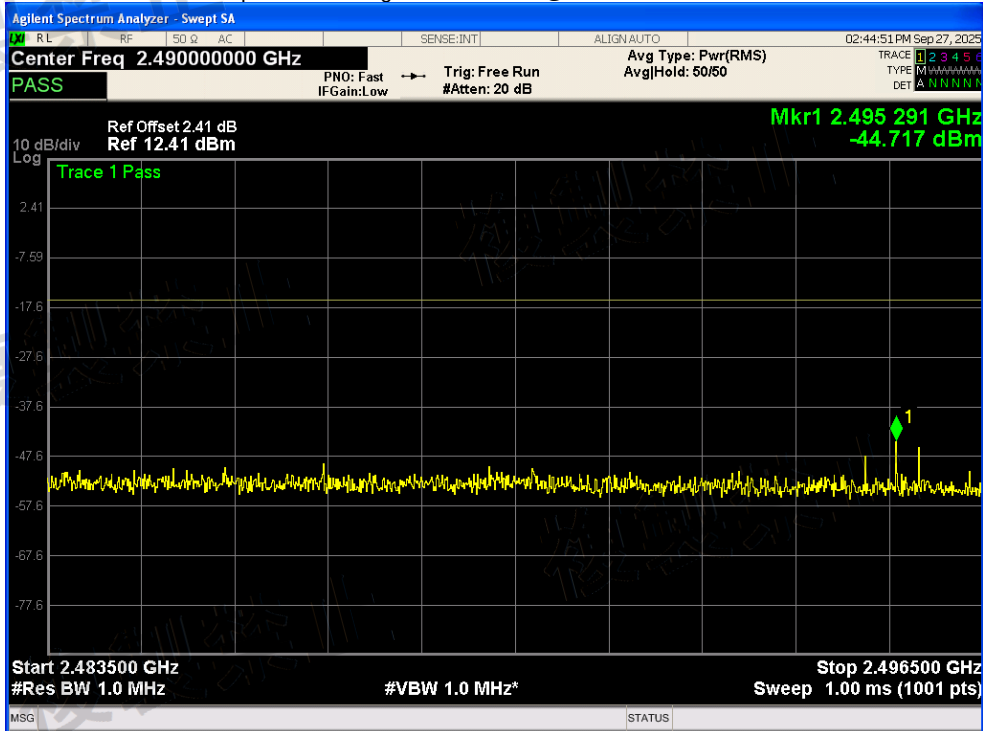
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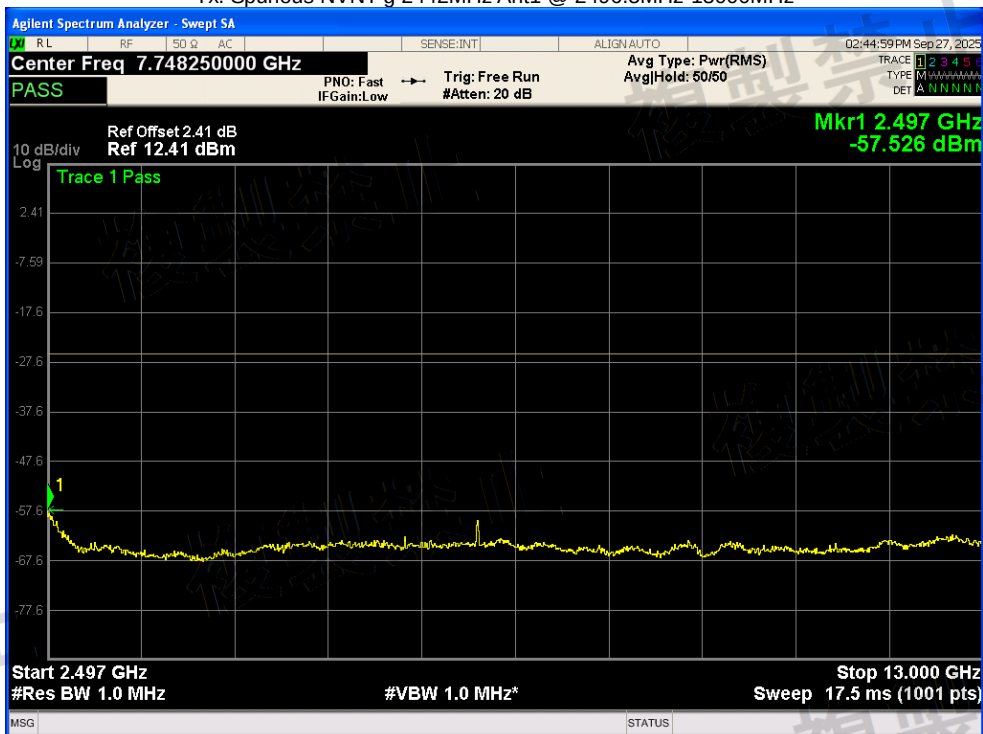
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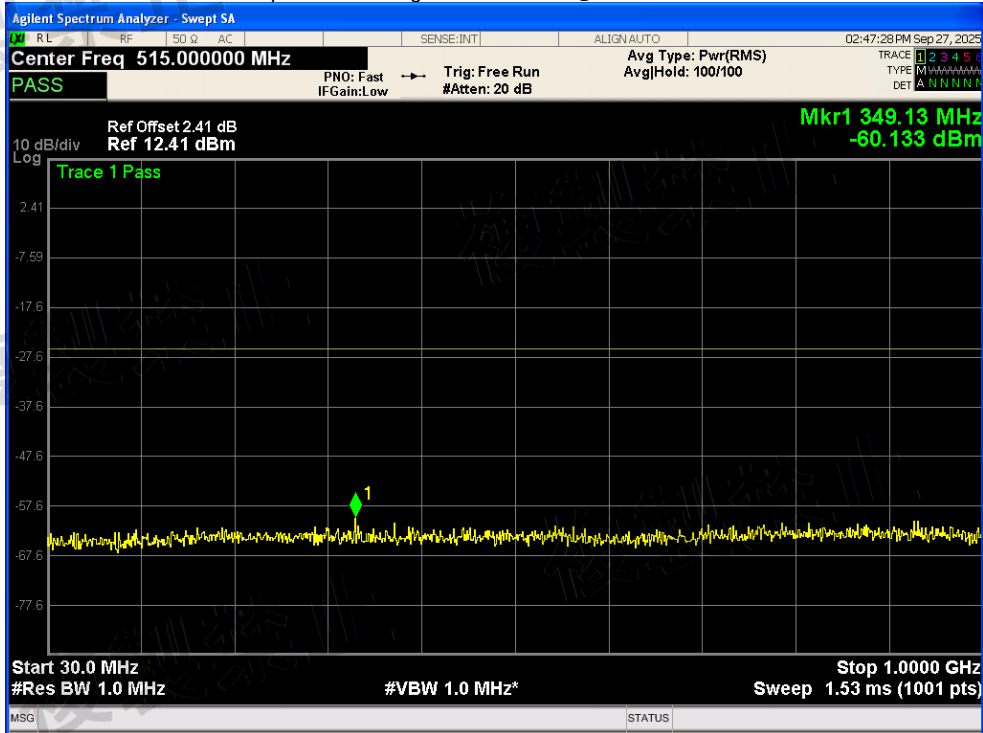
Tx. Spurious NVNT g 2442MHz Ant1 @ 2483.5MHz-2496.5MHz



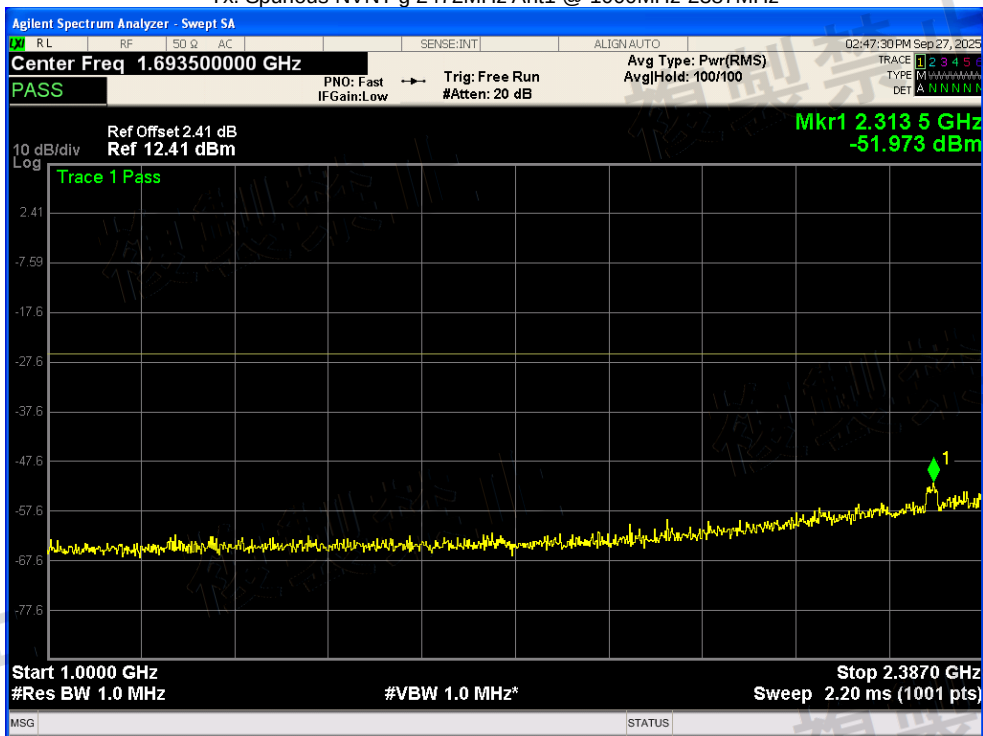
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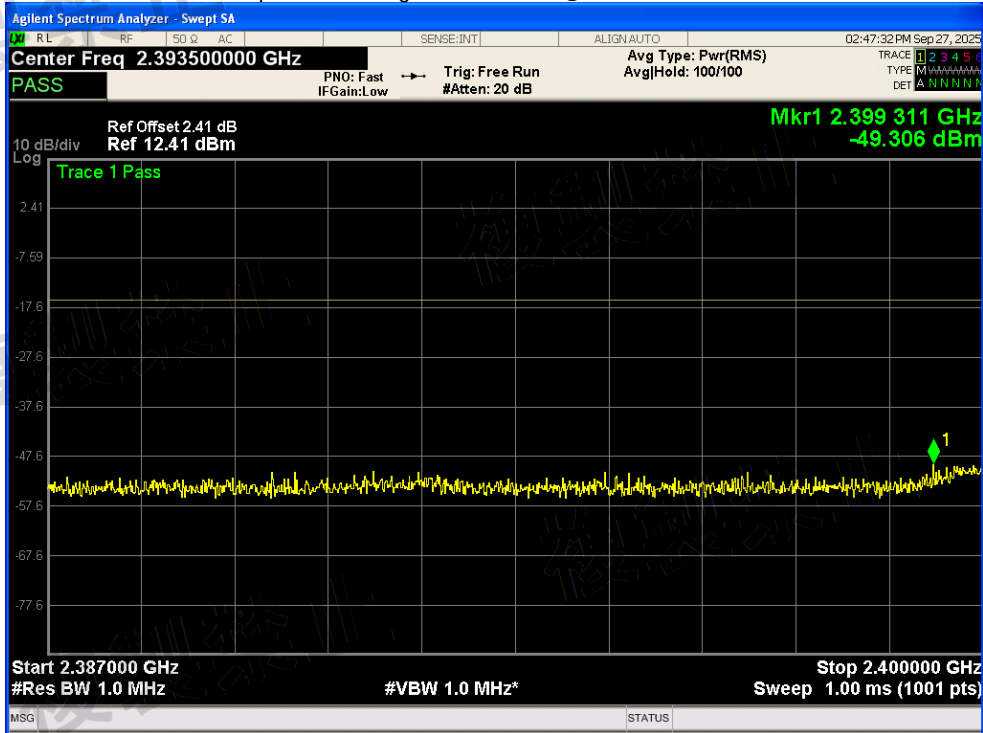
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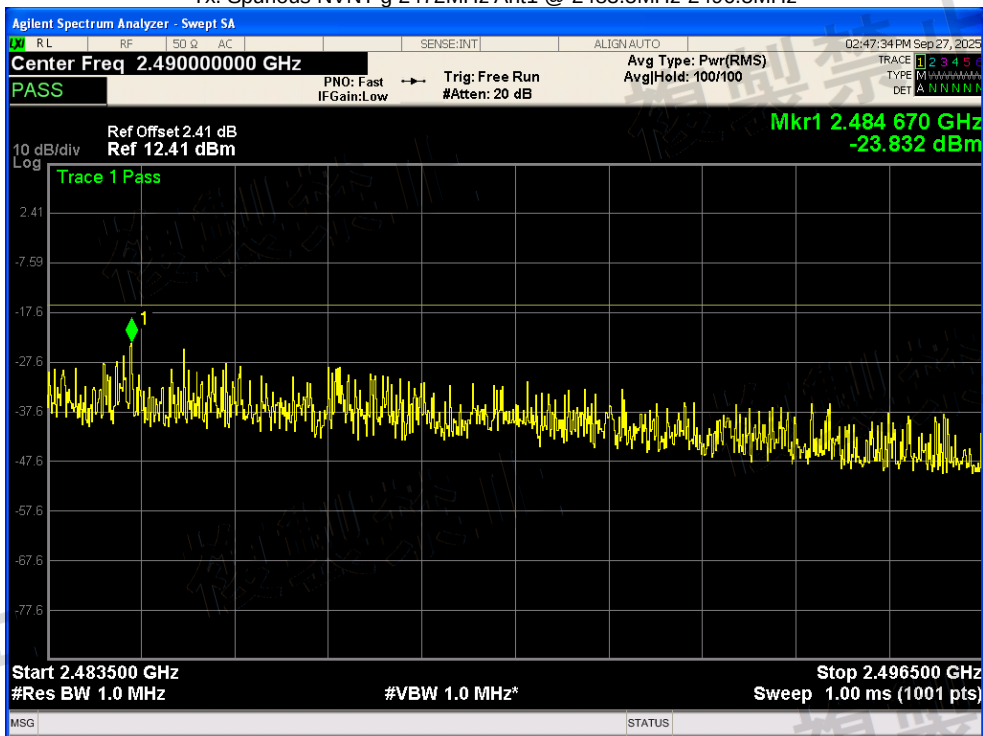
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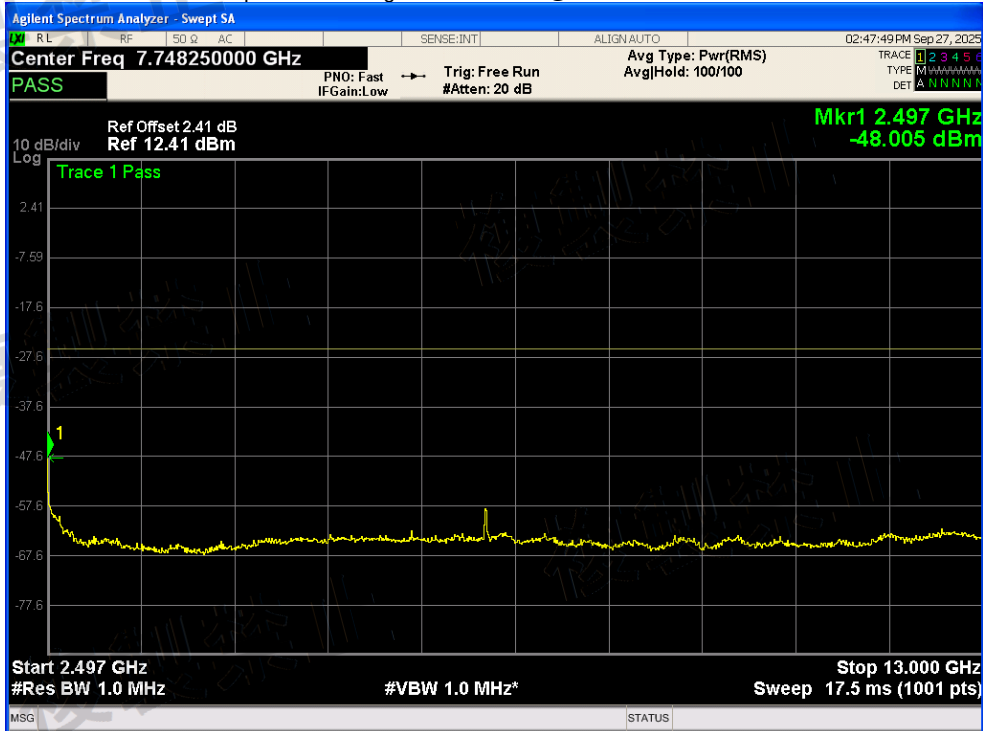
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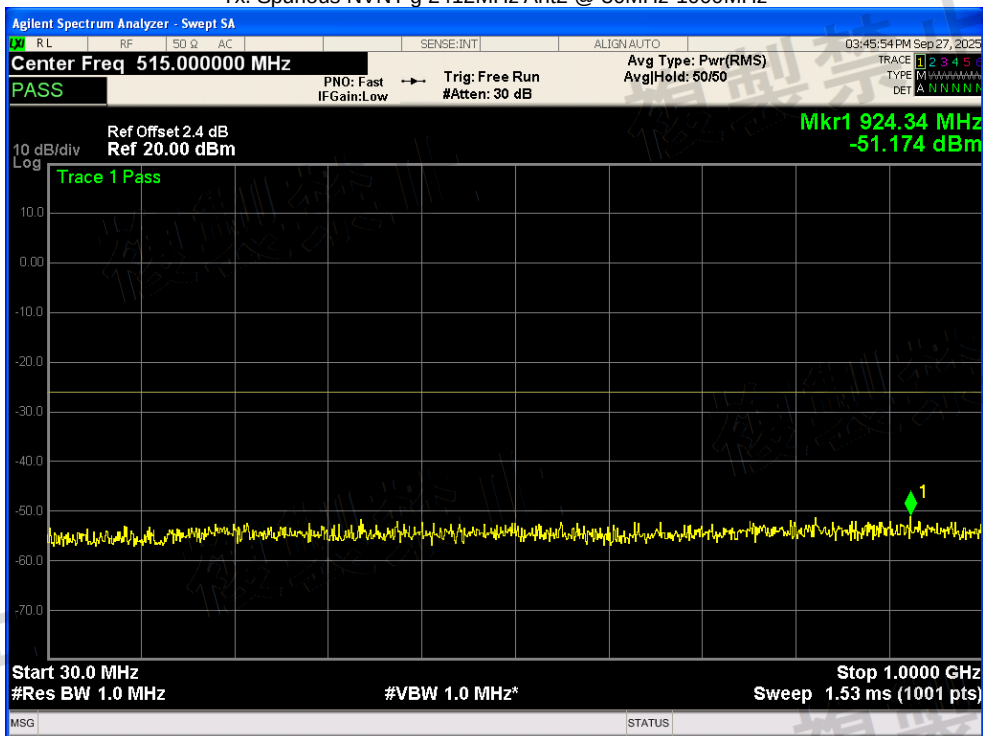
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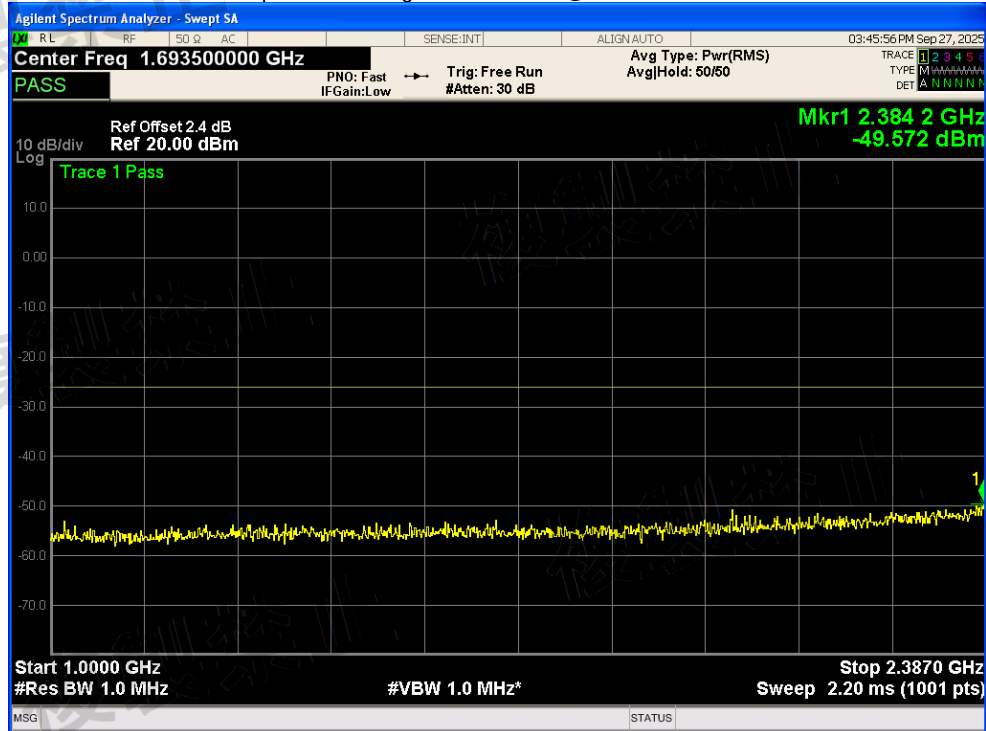
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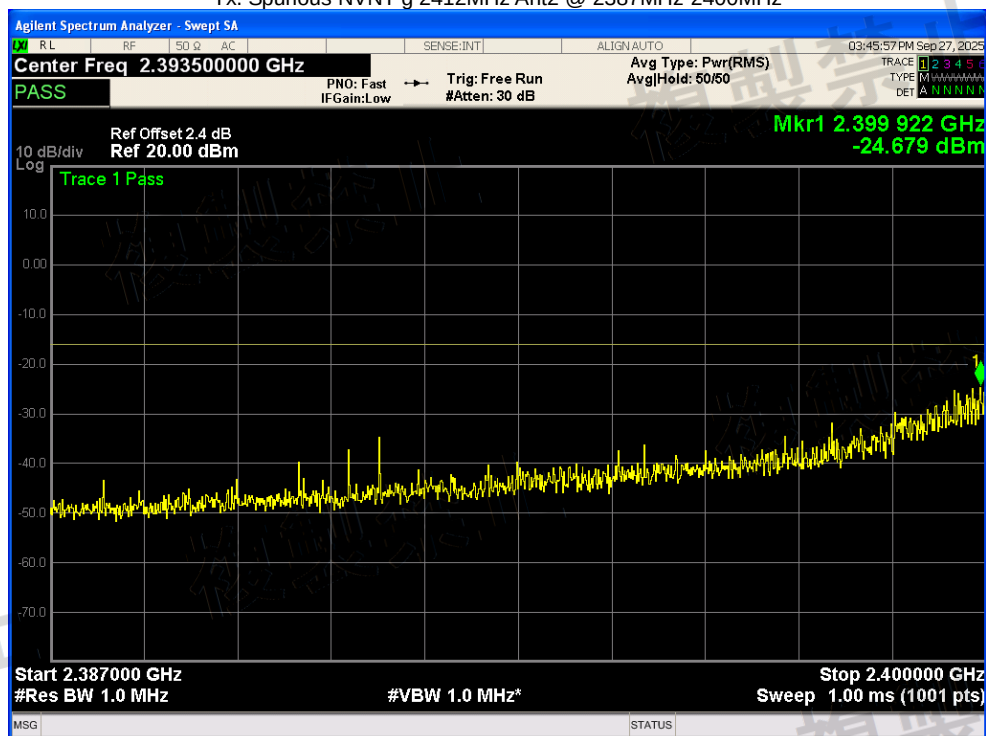
Tx. Spurious NVNT g 2412MHz Ant2 @ 30MHz-1000MHz



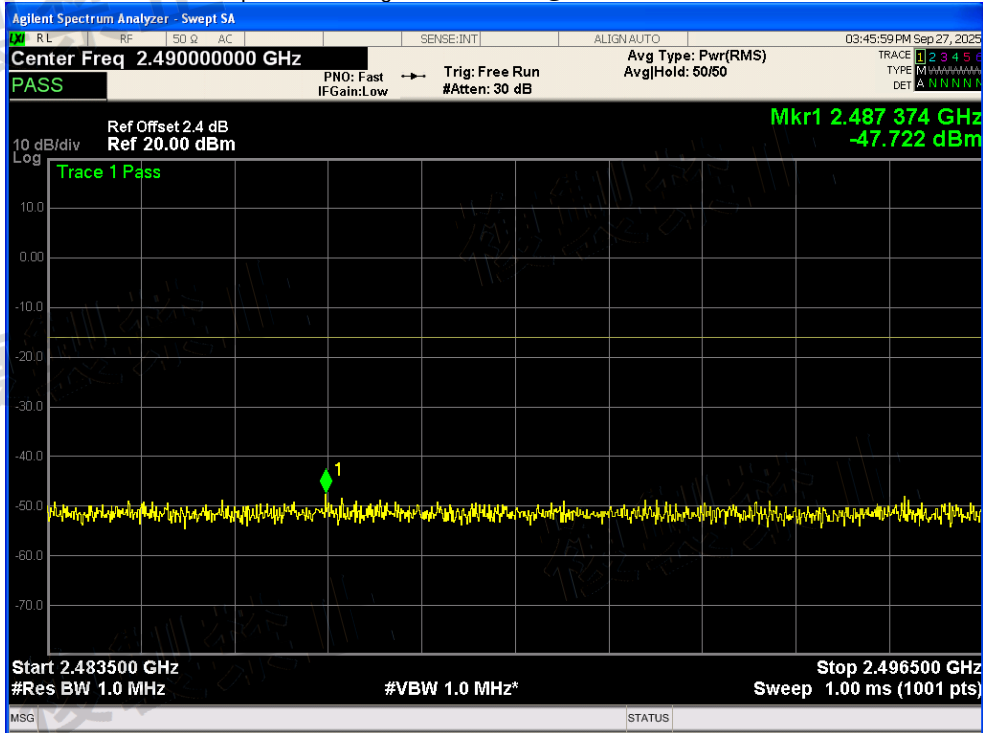
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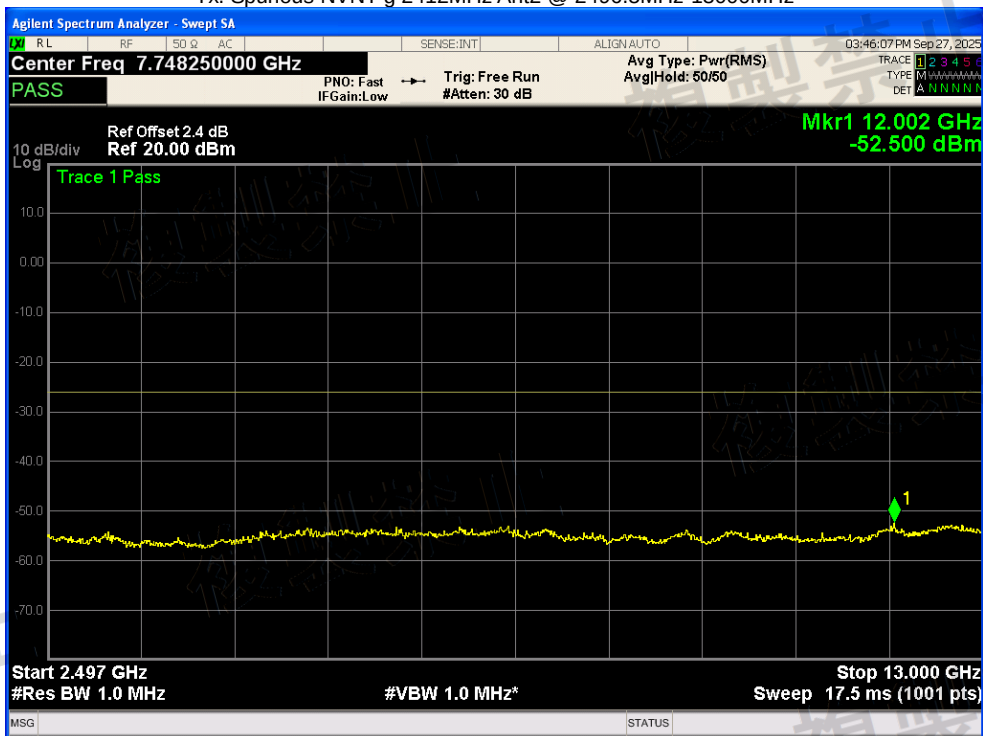
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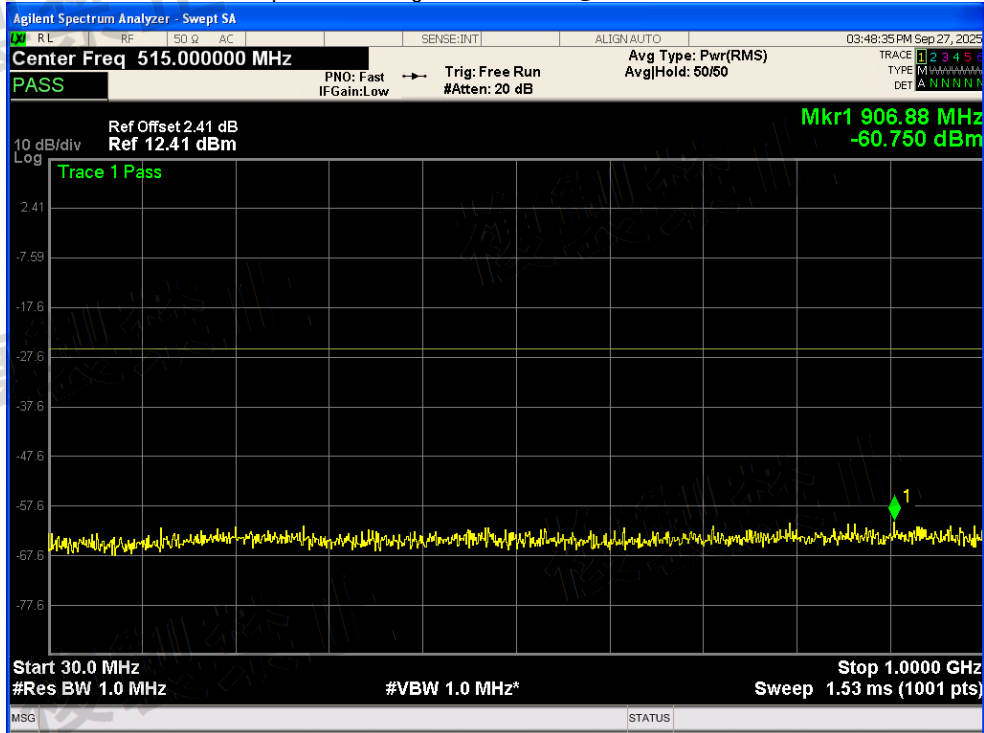
Tx. Spurious NVNT g 2412MHz Ant2 @ 2483.5MHz-2496.5MHz



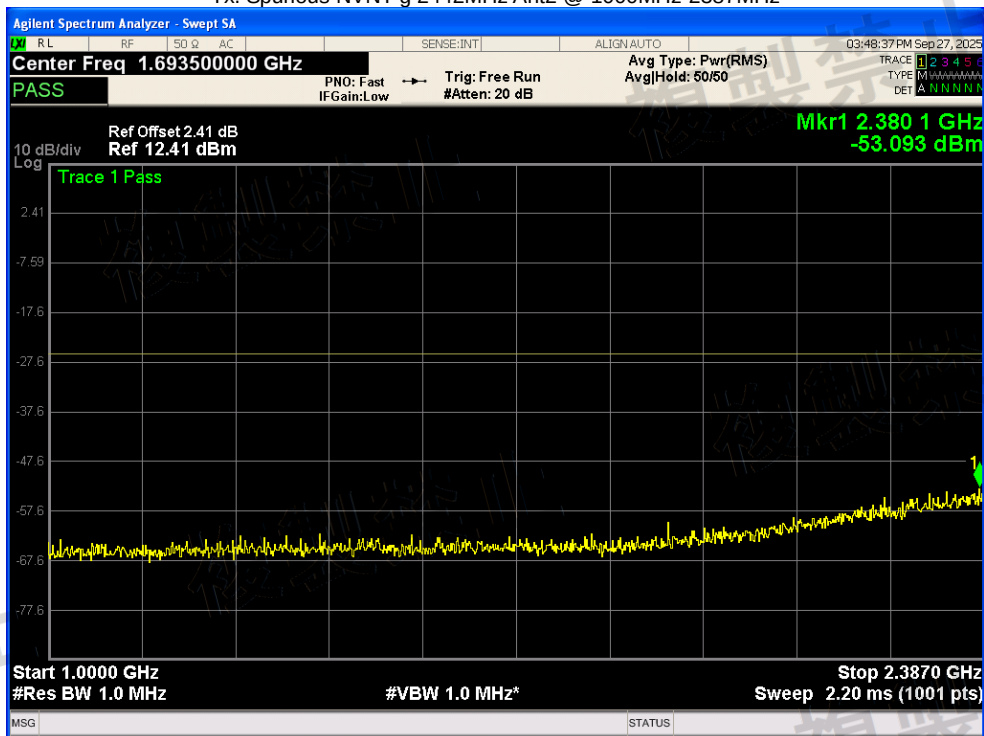
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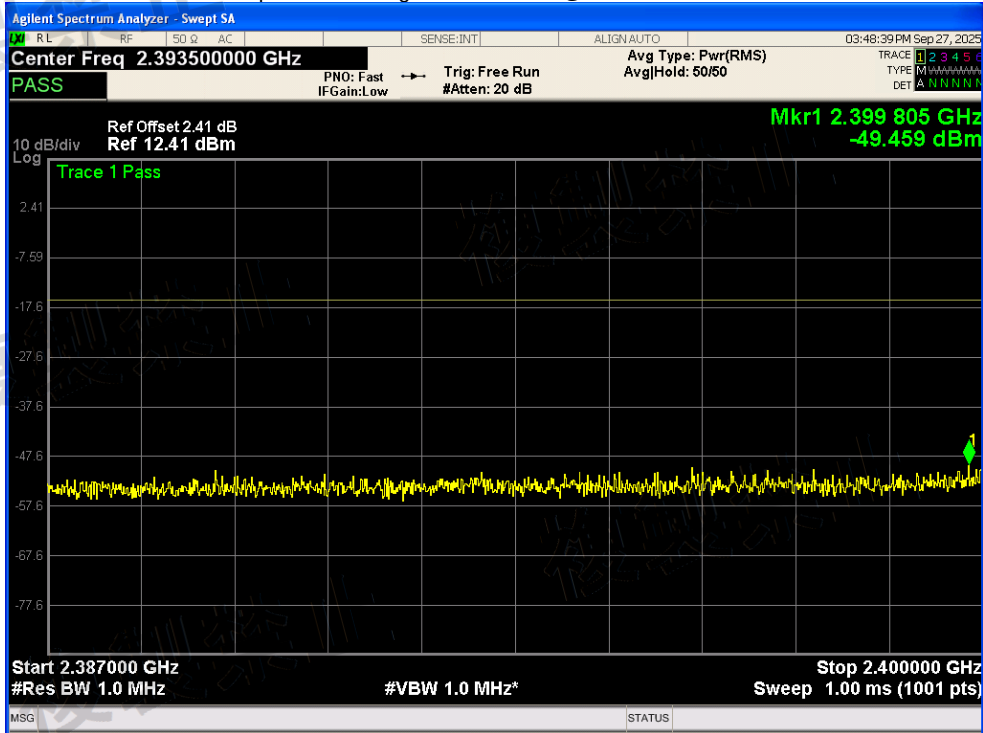
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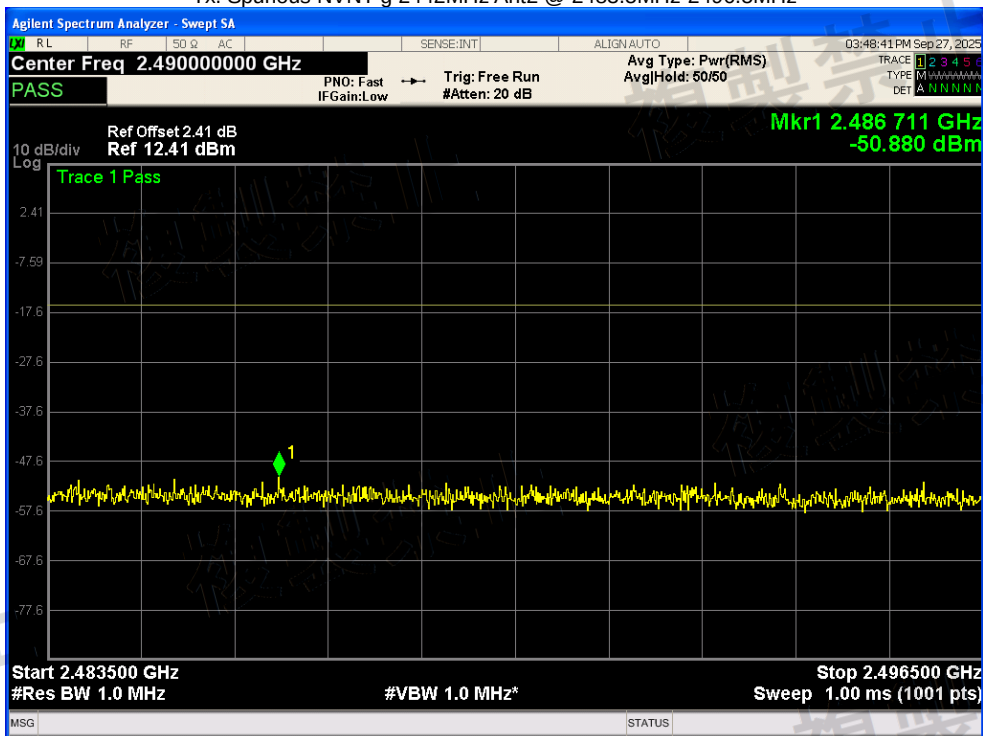
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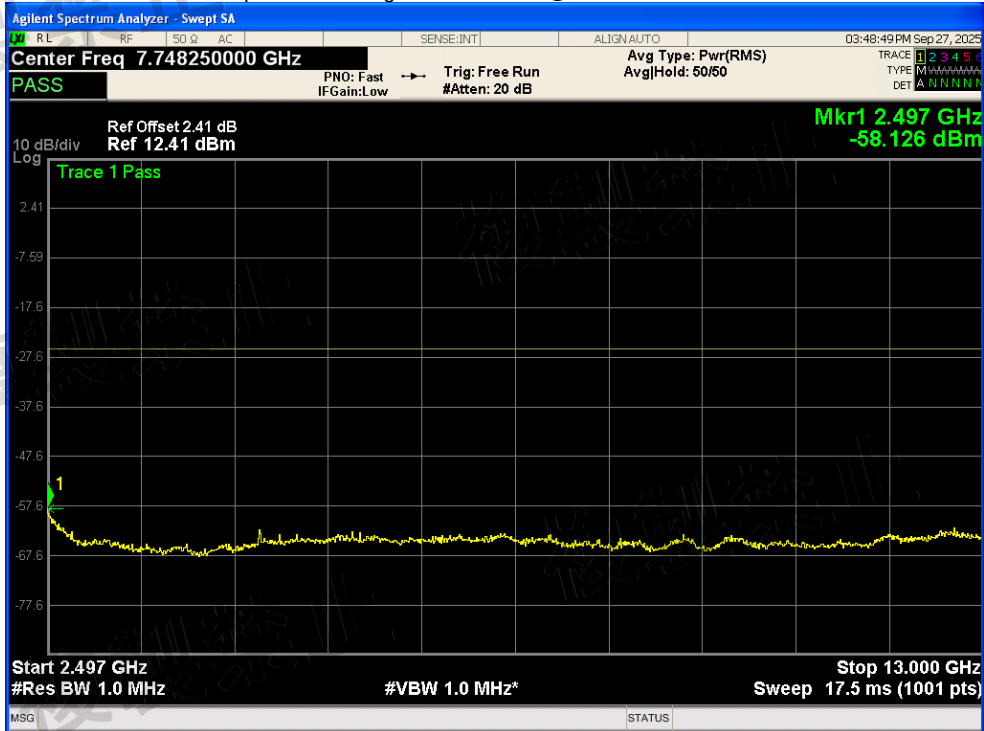
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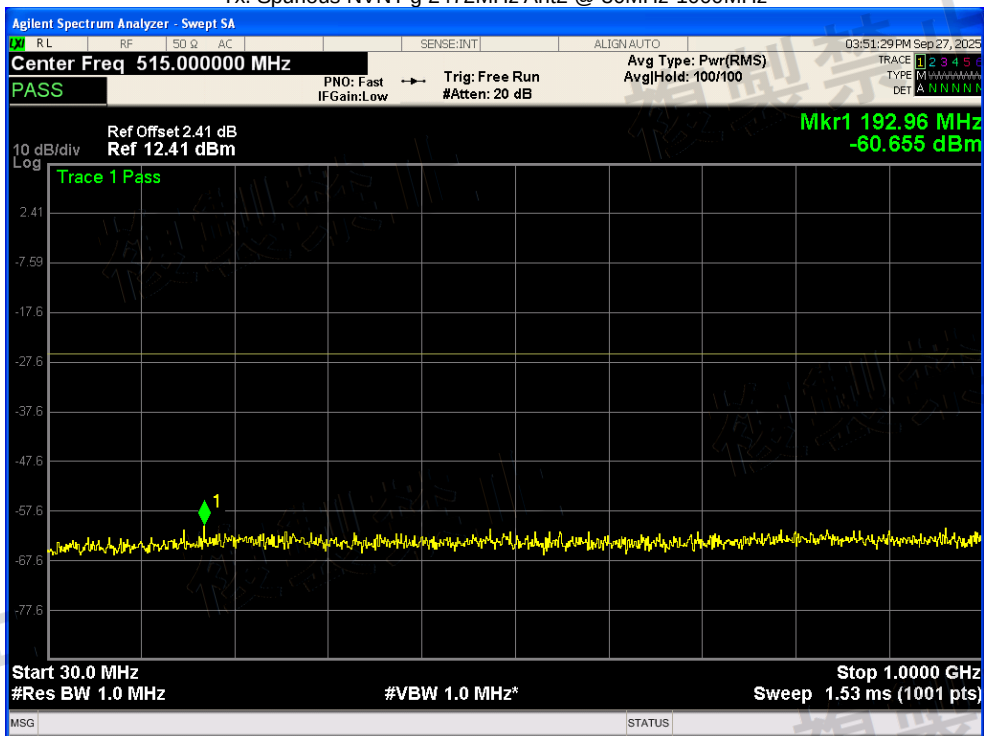
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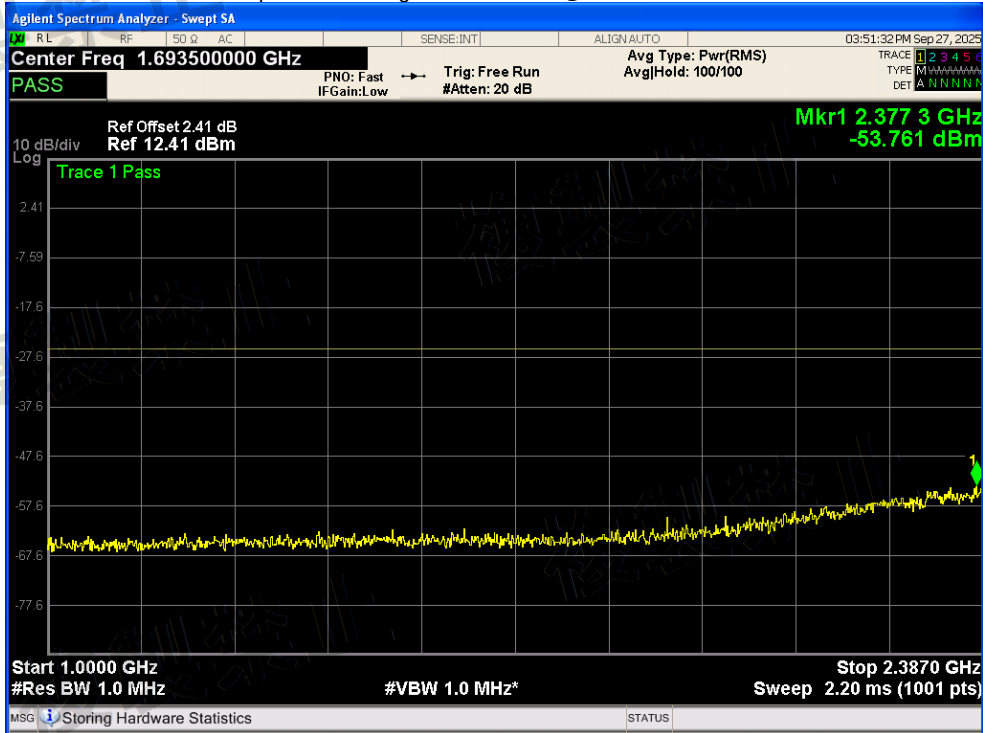
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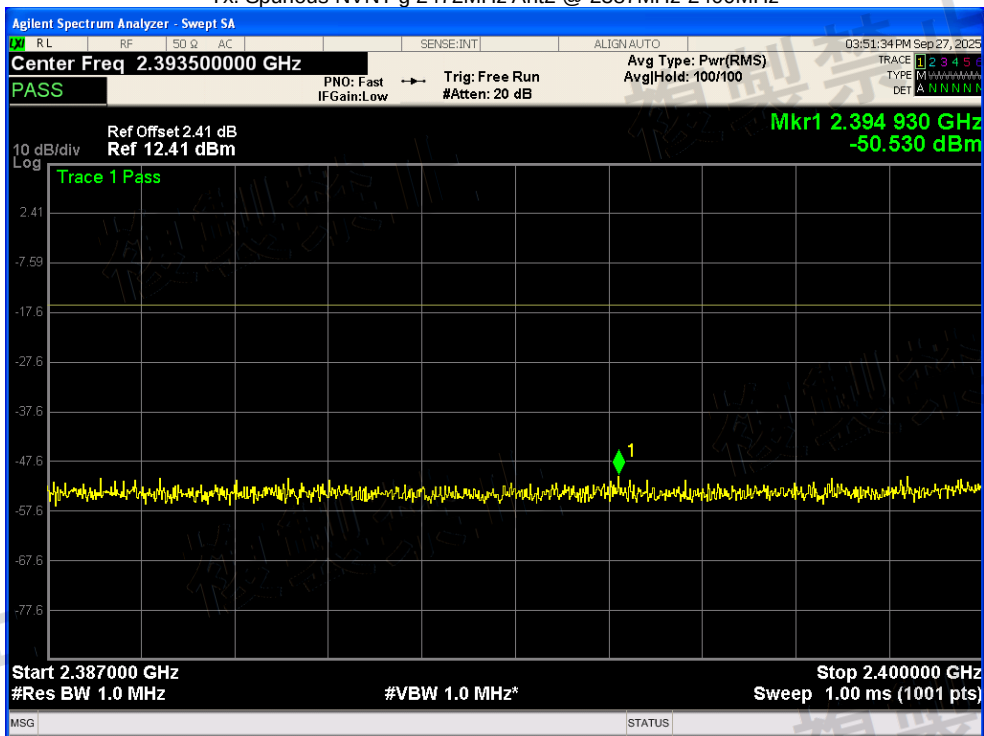
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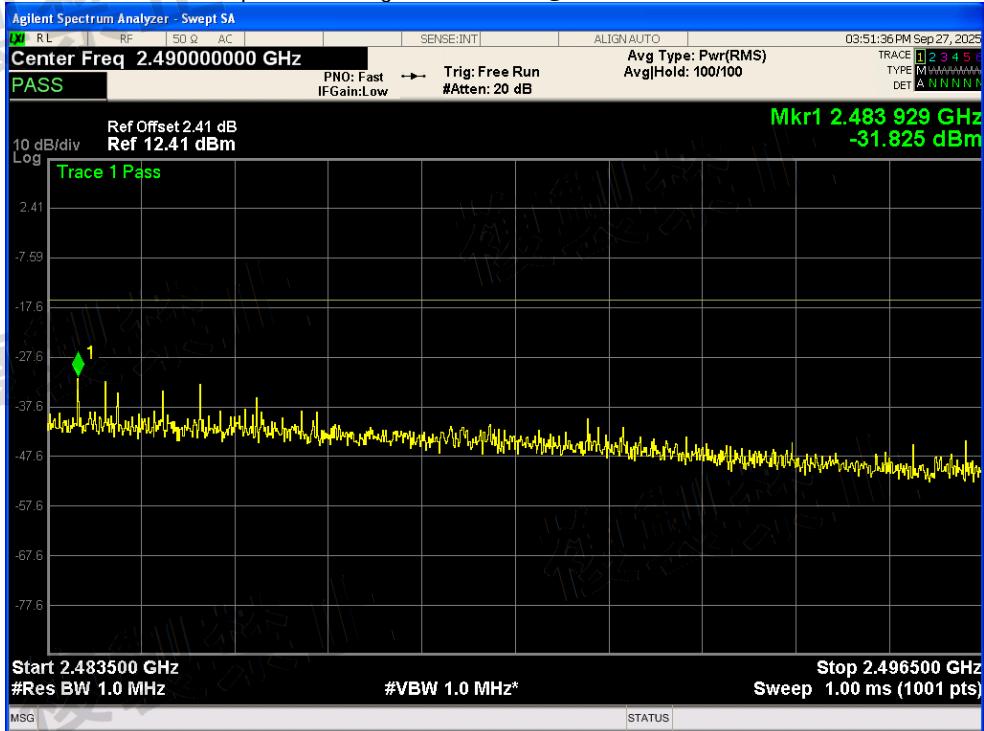
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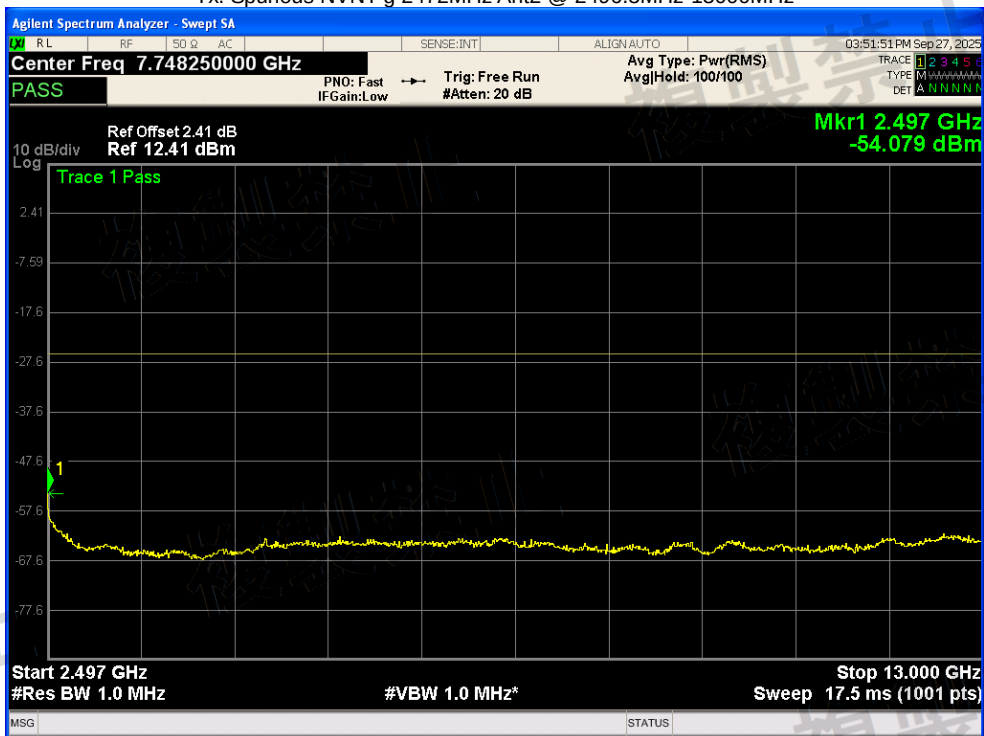
Tx. Spurious NVNT g 2472MHz Ant2 @ 2387MHz-2400MHz



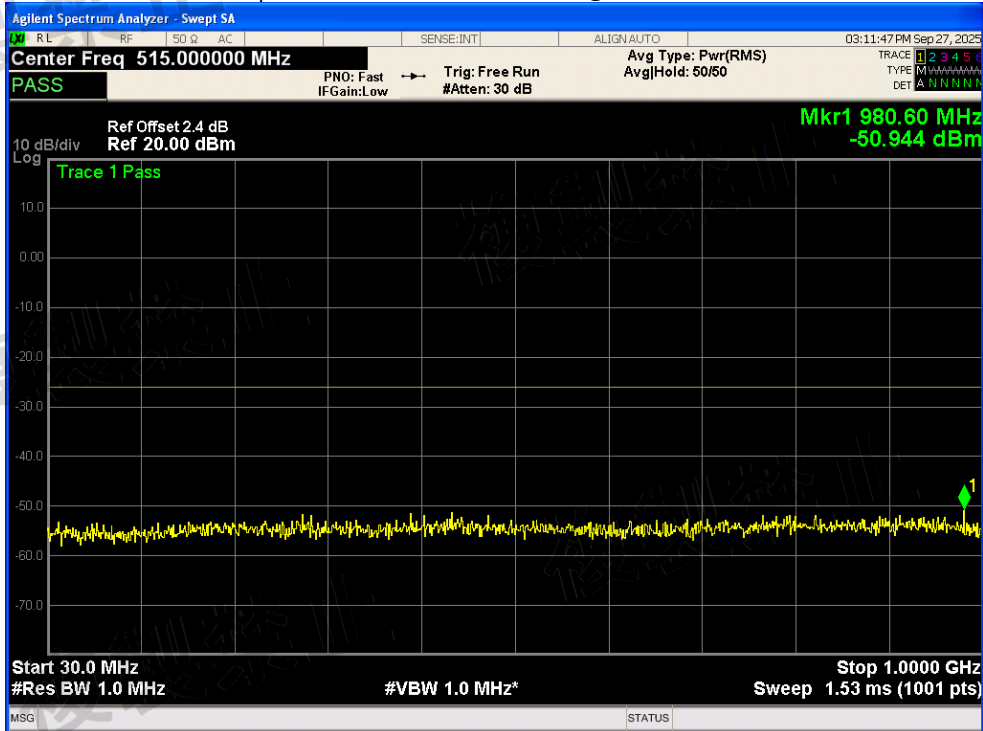
Tx. Spurious NVNT g 2472MHz Ant2 @ 2483.5MHz-2496.5MHz



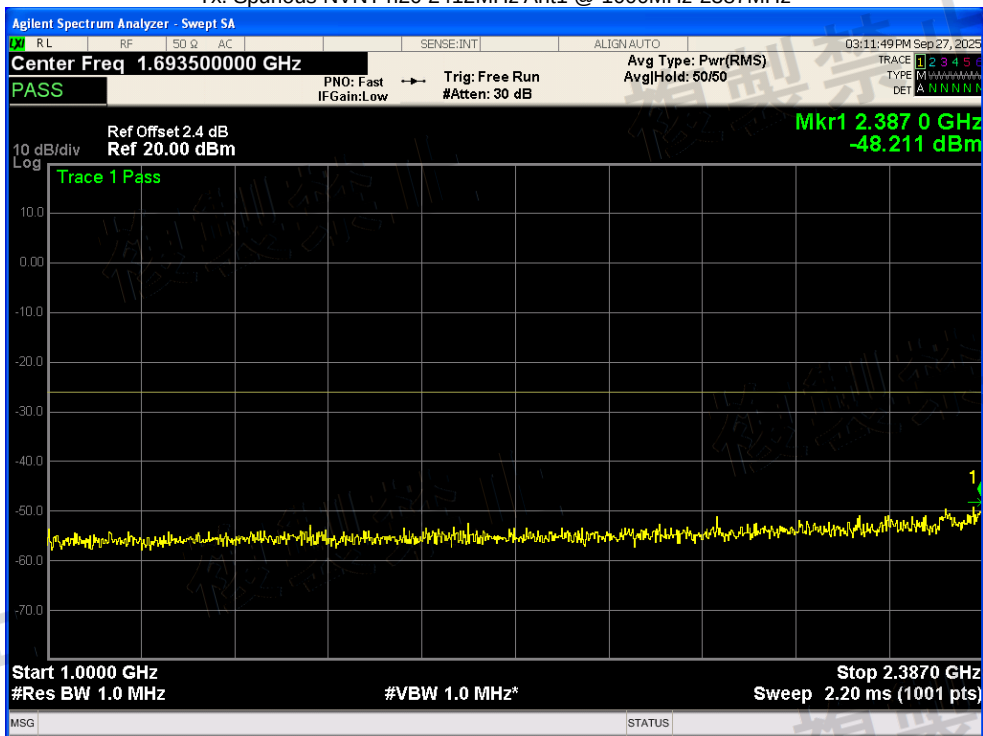
Tx. Spurious NVNT g 2472MHz Ant2 @ 2496.5MHz-13000MHz



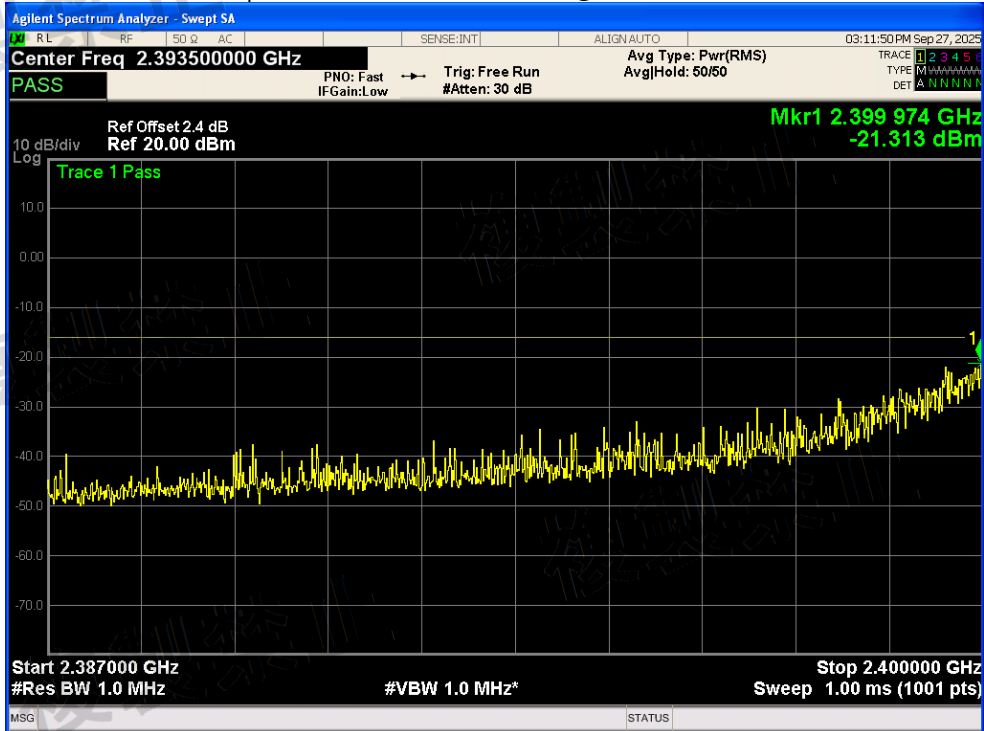
Tx. Spurious NVNT n20 2412MHz Ant1 @ 30MHz-1000MHz



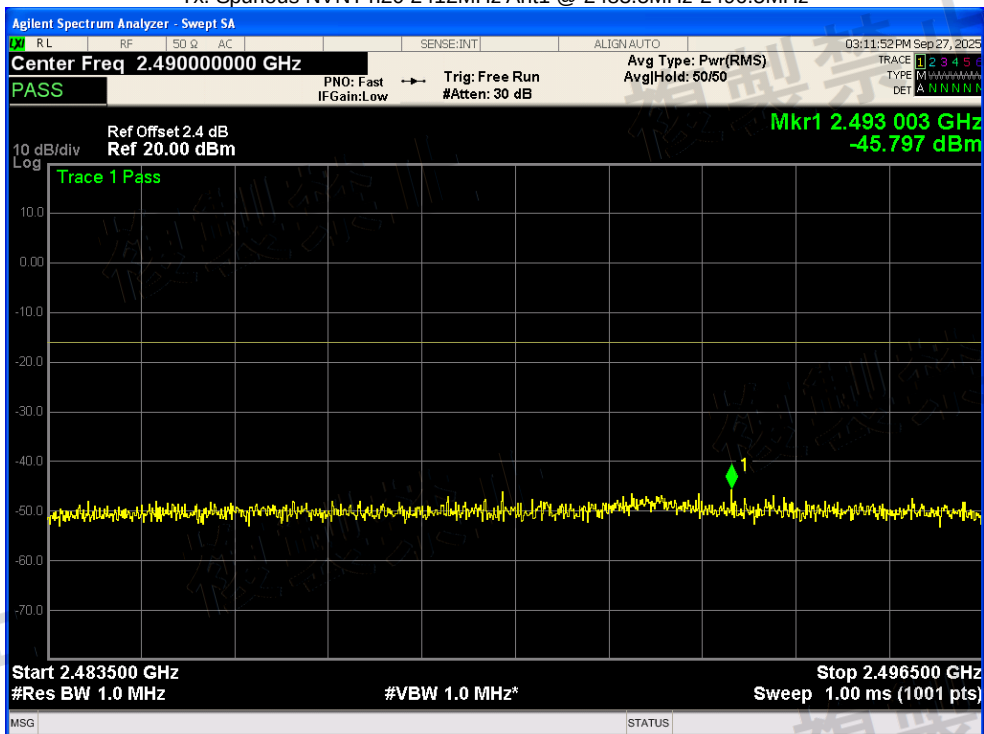
Tx. Spurious NVNT n20 2412MHz Ant1 @ 1000MHz-2387MHz



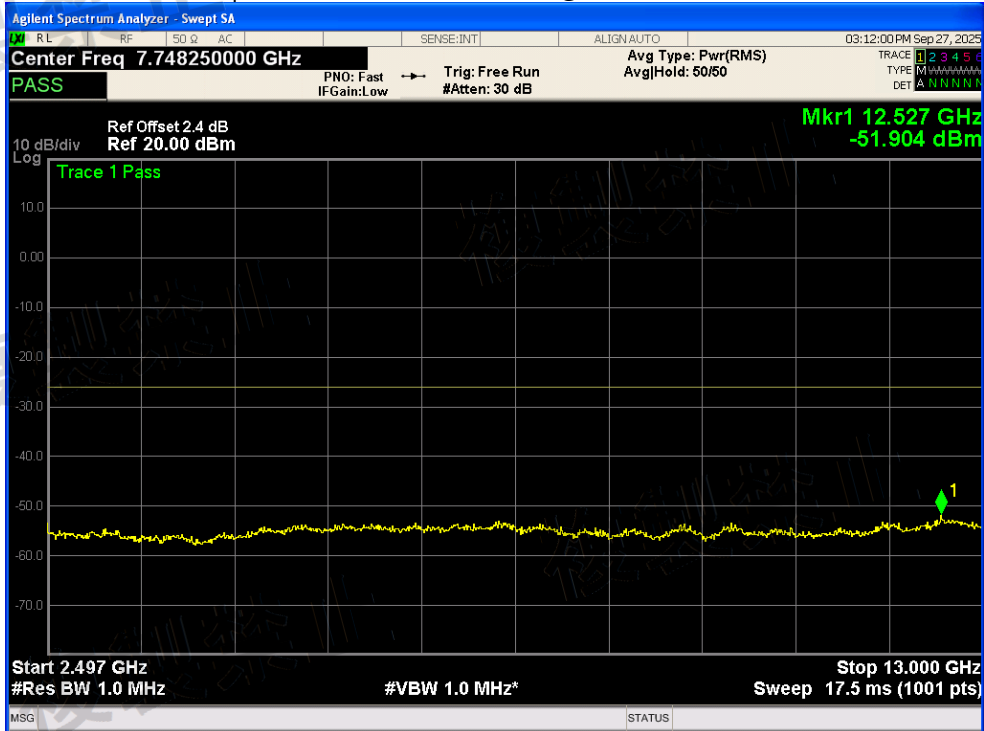
Tx. Spurious NVNT n20 2412MHz Ant1 @ 2387MHz-2400MHz



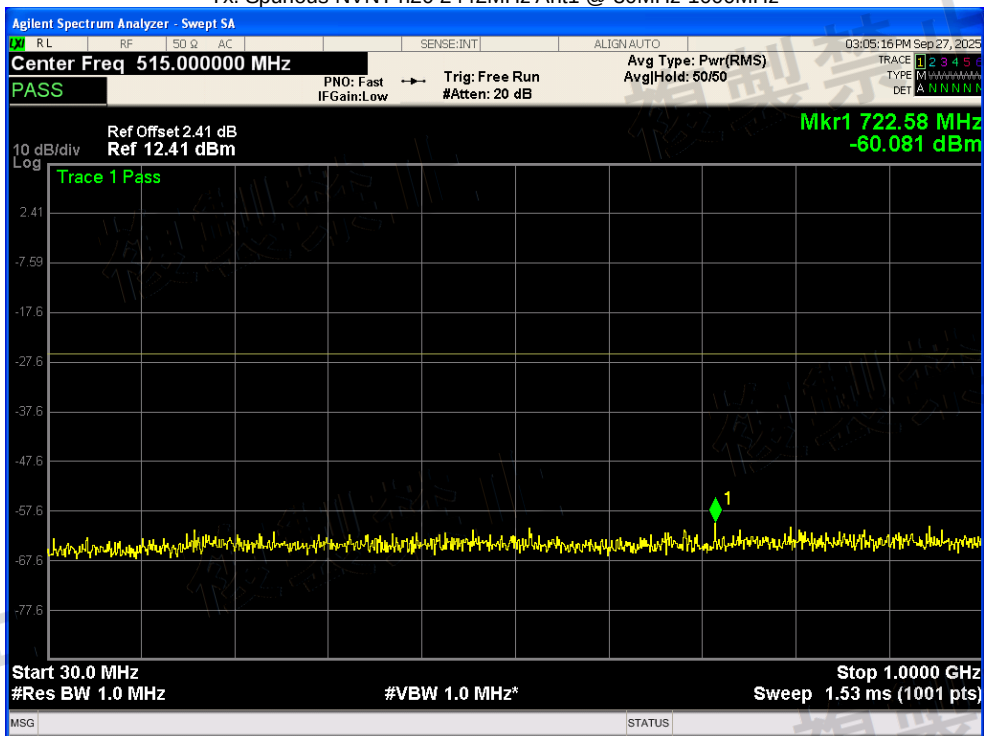
Tx. Spurious NVNT n20 2412MHz Ant1 @ 2483.5MHz-2496.5MHz



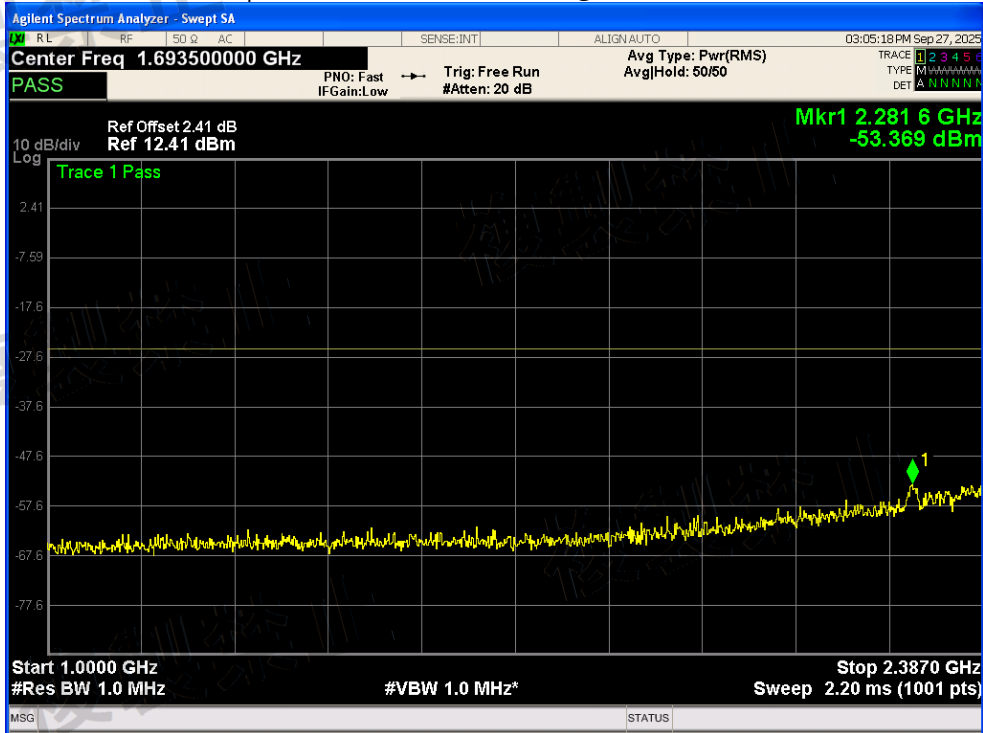
Tx. Spurious NVNT n20 2412MHz Ant1 @ 2496.5MHz-13000MHz



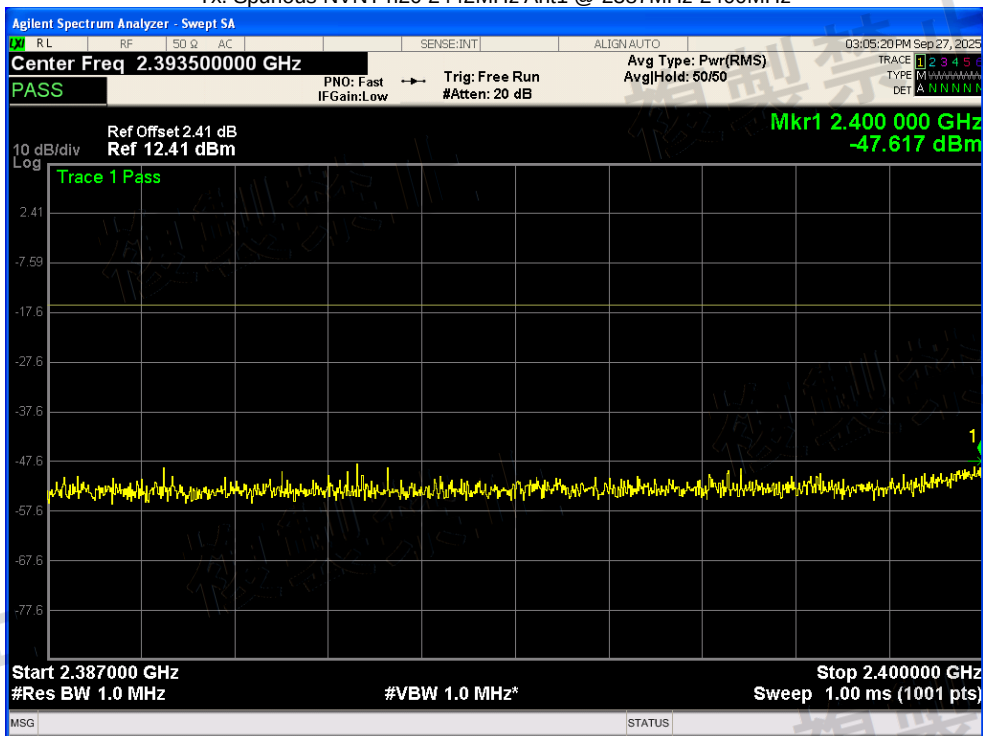
Tx. Spurious NVNT n20 2442MHz Ant1 @ 30MHz-1000MHz



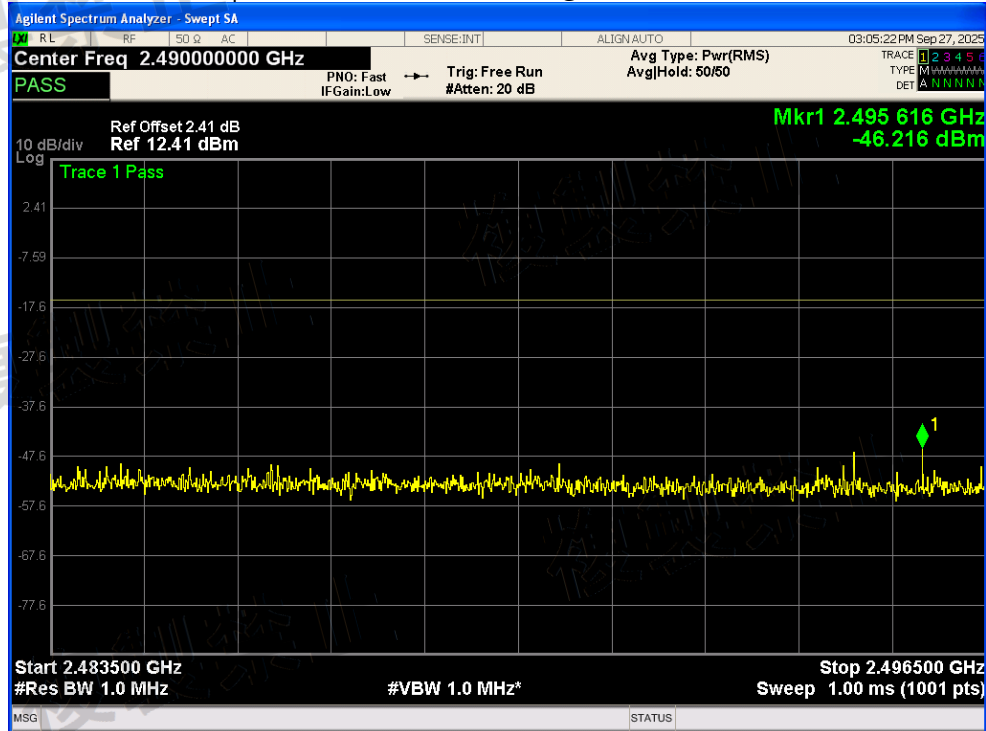
Tx. Spurious NVNT n20 2442MHz Ant1 @ 1000MHz-2387MHz



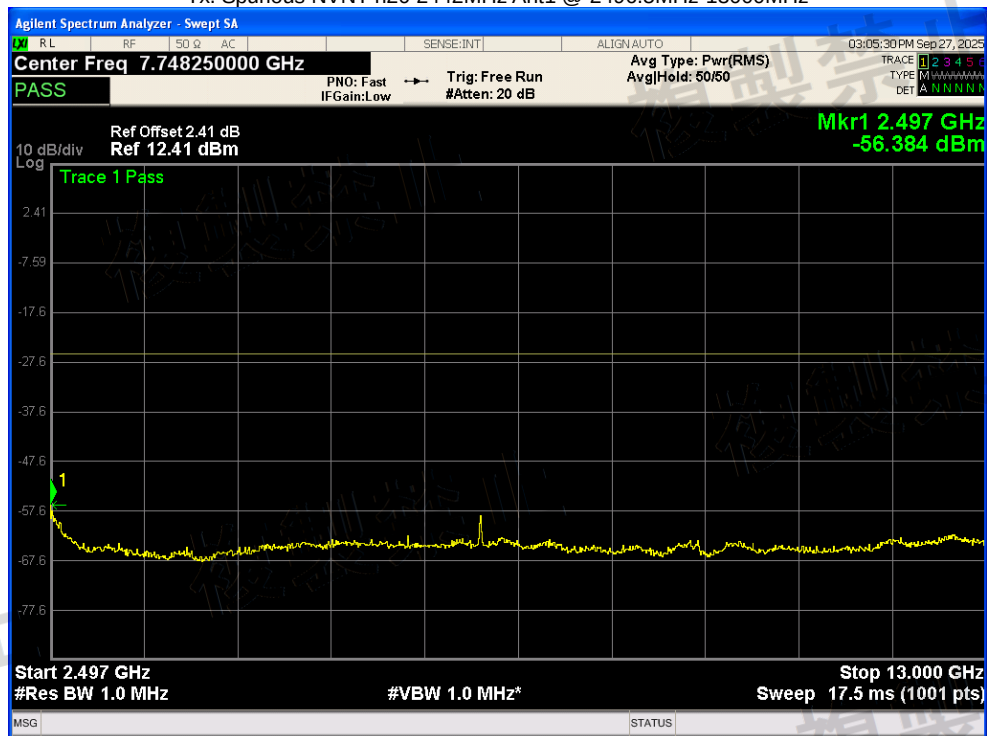
Tx. Spurious NVNT n20 2442MHz Ant1 @ 2387MHz-2400MHz



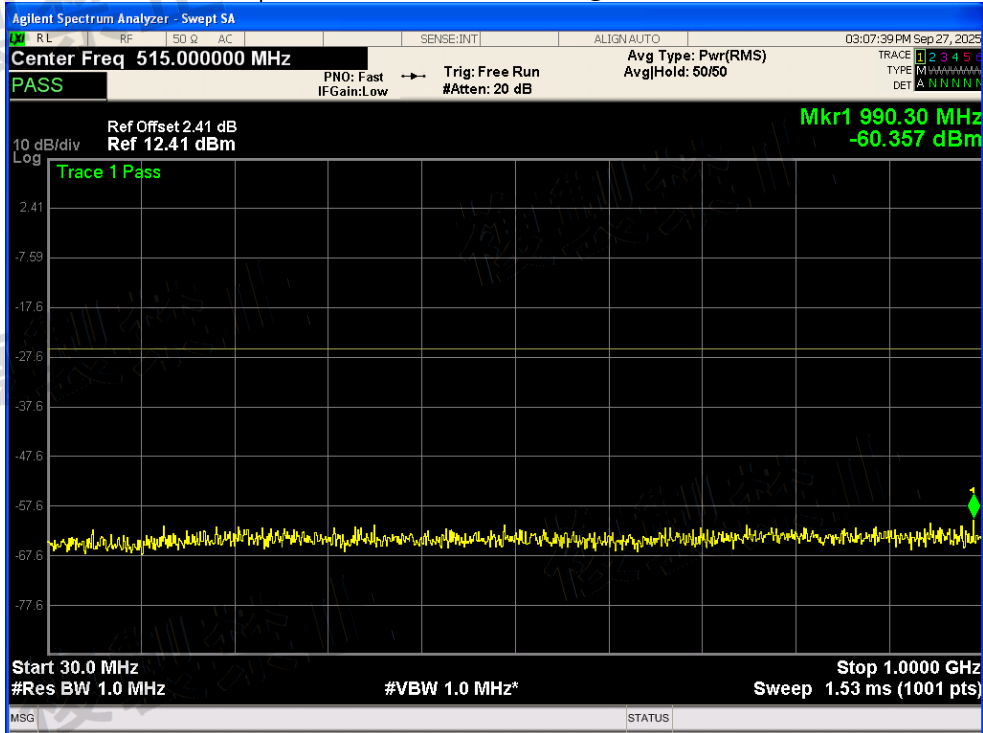
Tx. Spurious NVNT n20 2442MHz Ant1 @ 2483.5MHz-2496.5MHz



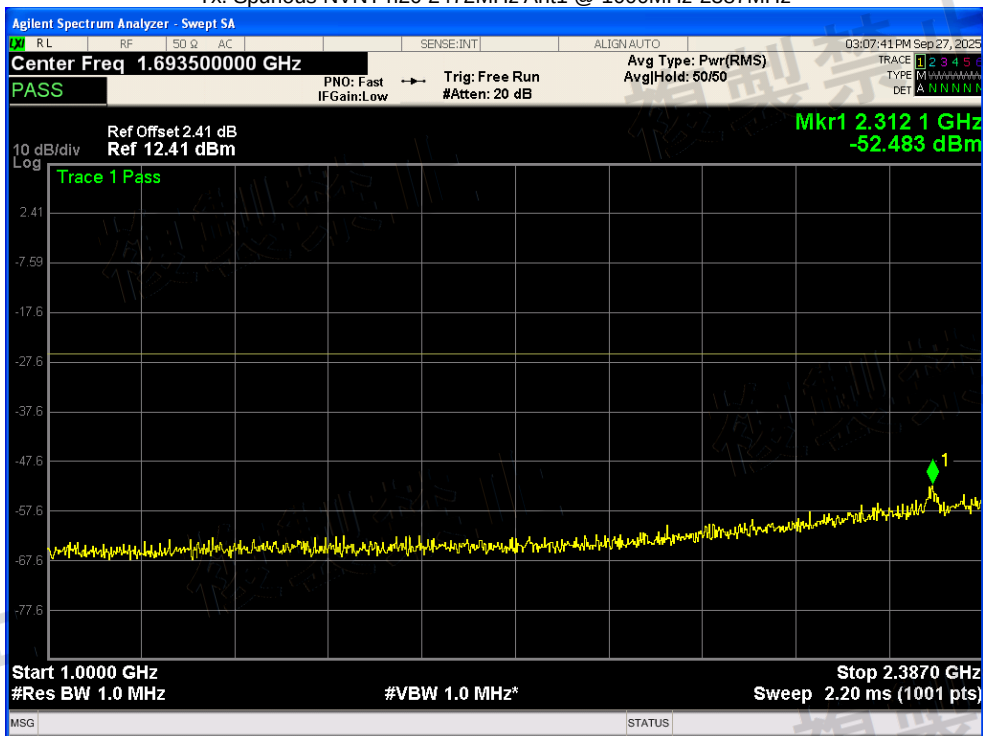
Tx. Spurious NVNT n20 2442MHz Ant1 @ 2496.5MHz-13000MHz



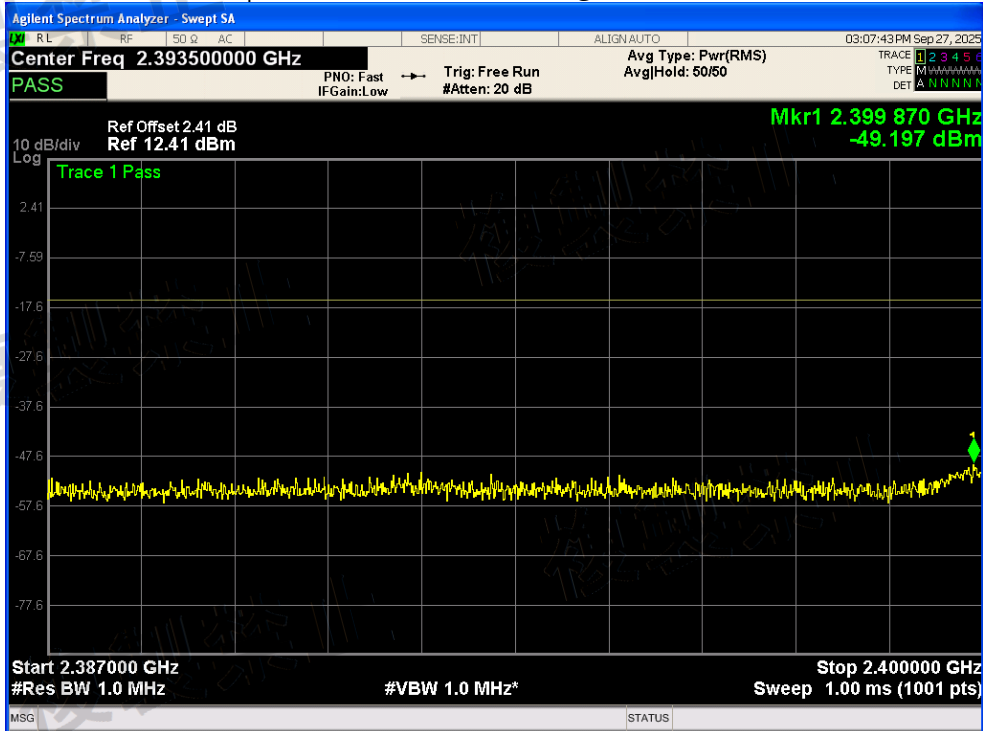
Tx. Spurious NVNT n20 2472MHz Ant1 @ 30MHz-1000MHz



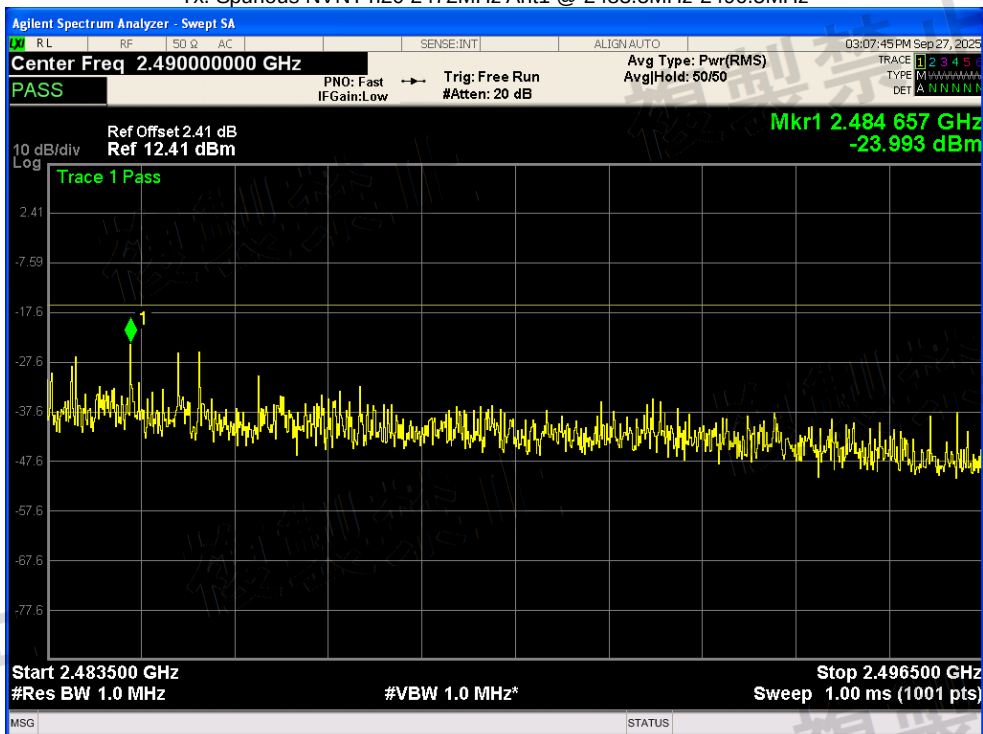
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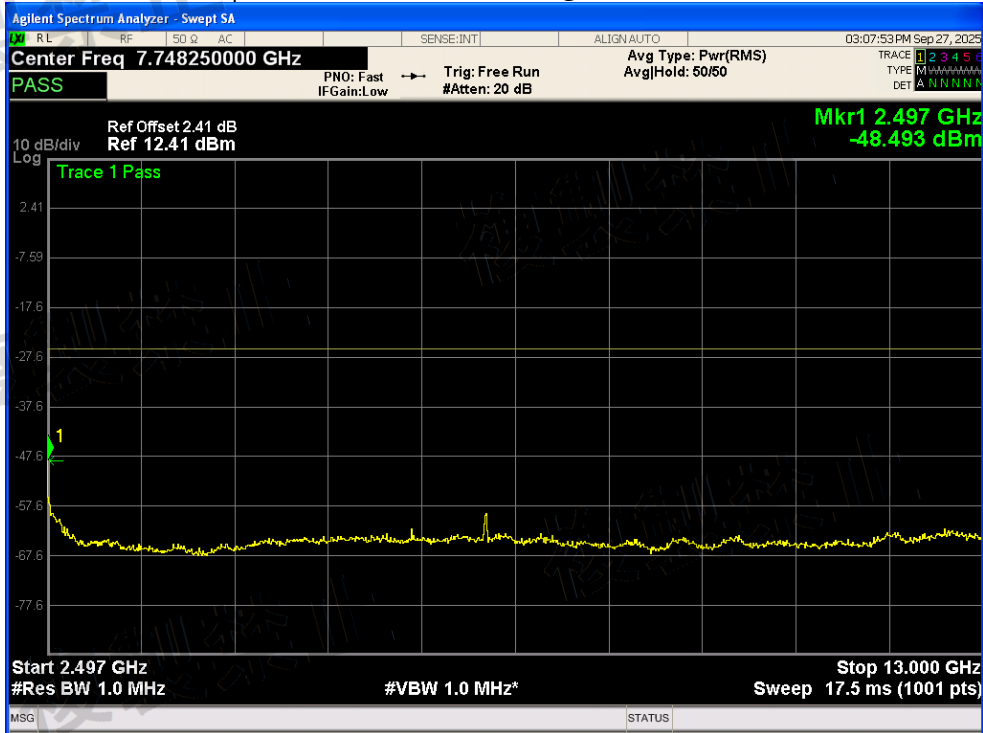
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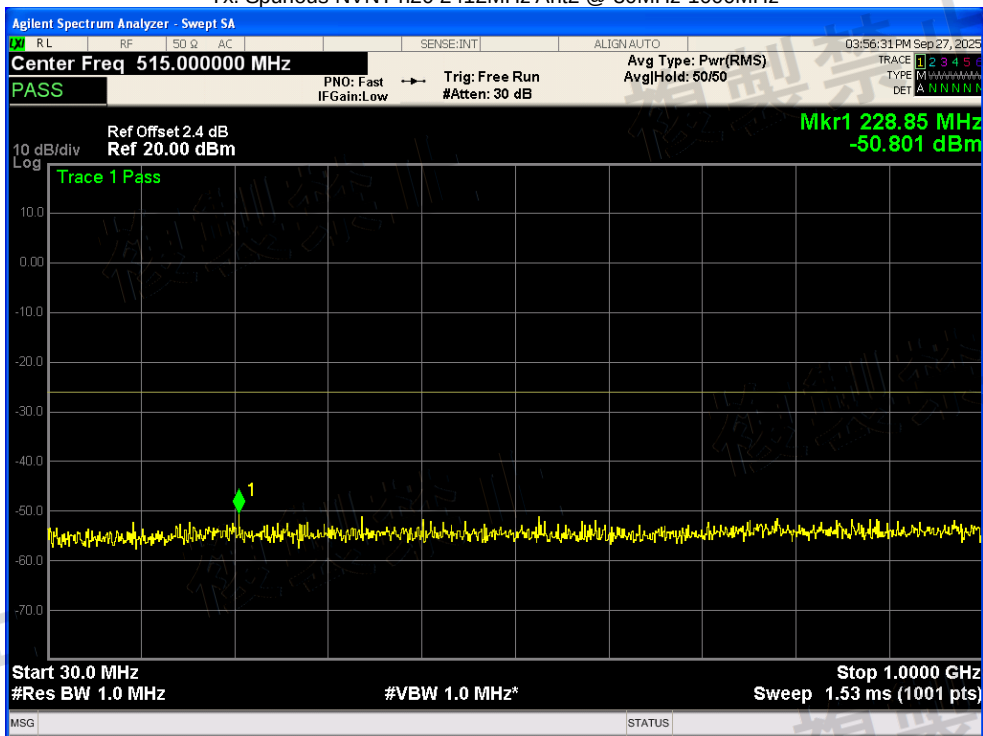
Tx. Spurious NVNT n20 2472MHz Ant1 @ 2483.5MHz-2496.5MHz



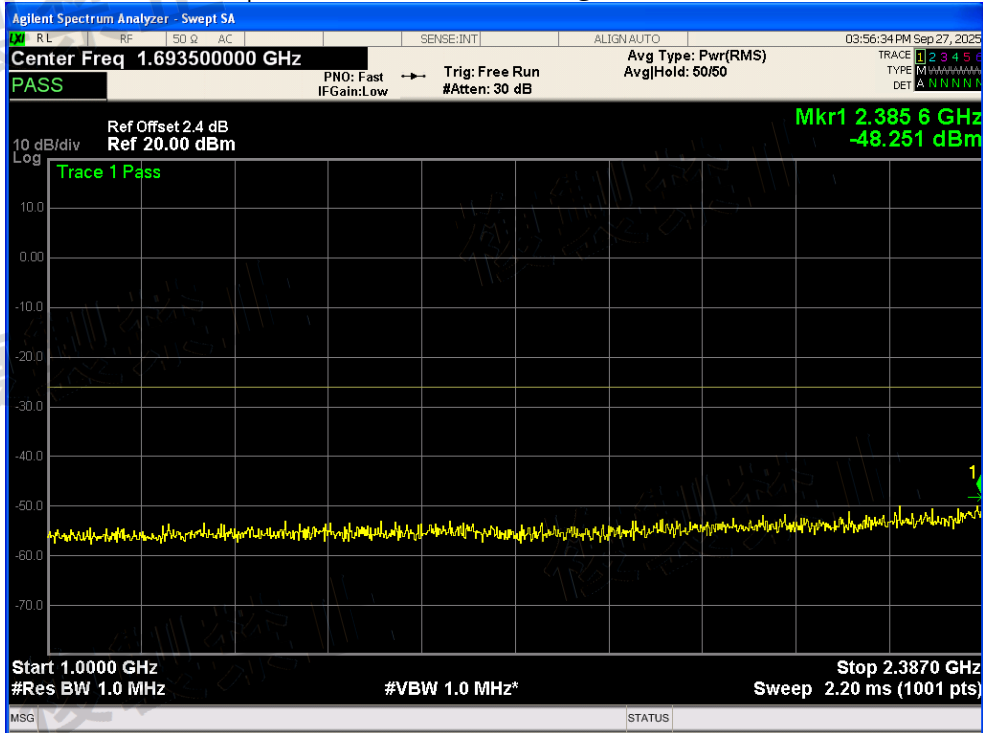
Tx. Spurious NVNT n20 2472MHz Ant1 @ 2496.5MHz-13000MHz



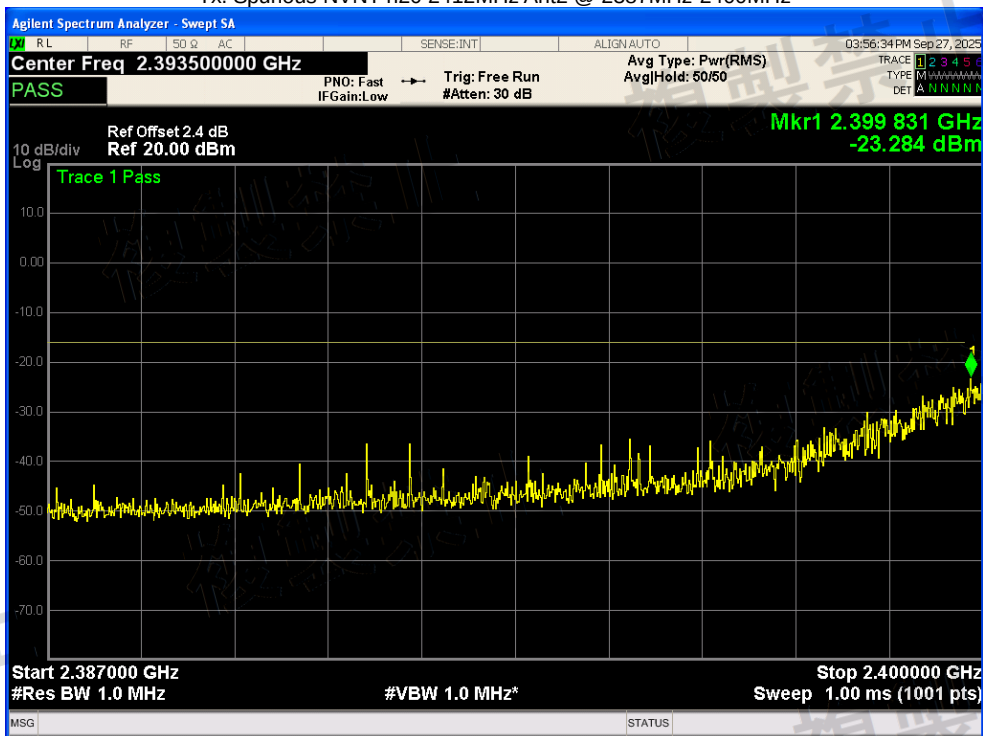
Tx. Spurious NVNT n20 2412MHz Ant2 @ 30MHz-1000MHz



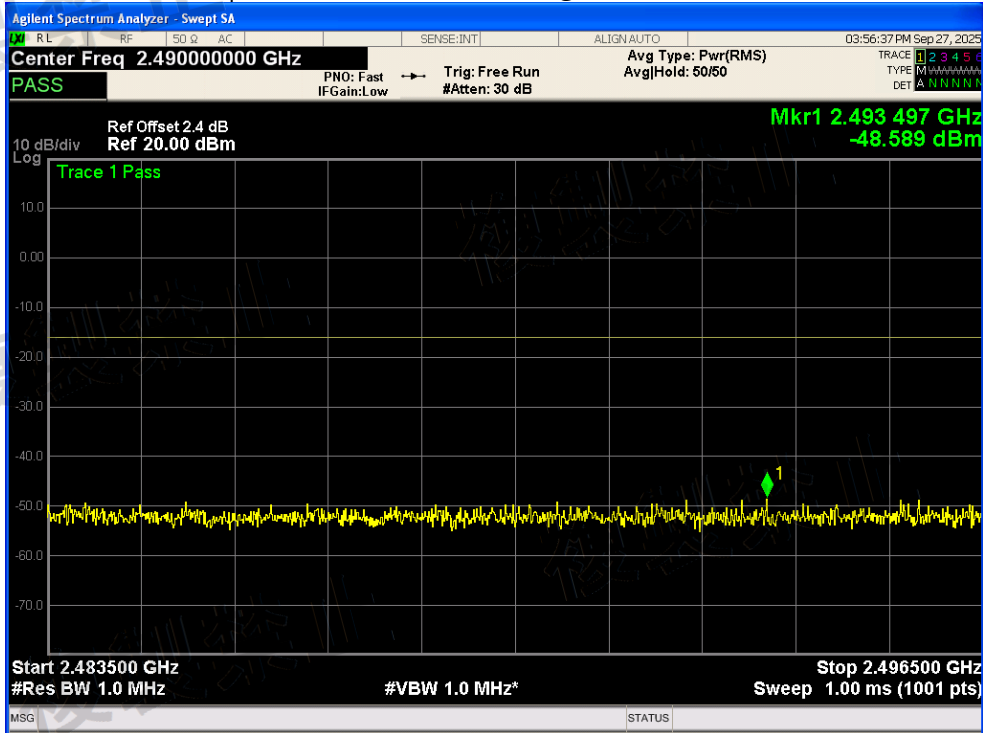
Tx. Spurious NVNT n20 2412MHz Ant2 @ 1000MHz-2387MHz



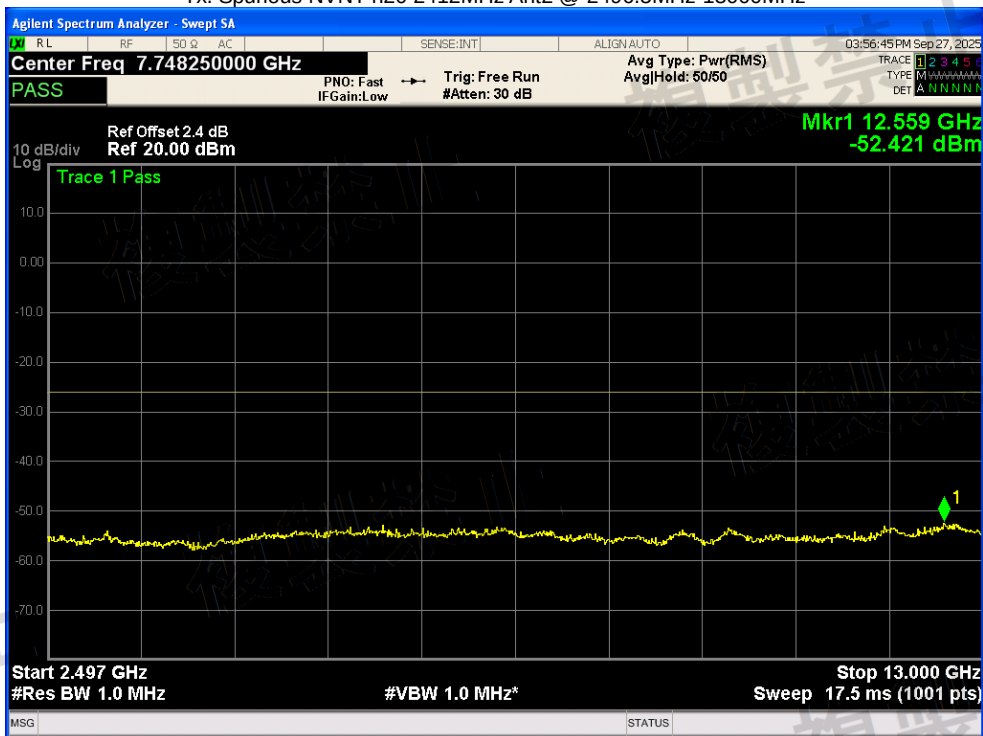
Tx. Spurious NVNT n20 2412MHz Ant2 @ 2387MHz-2400MHz



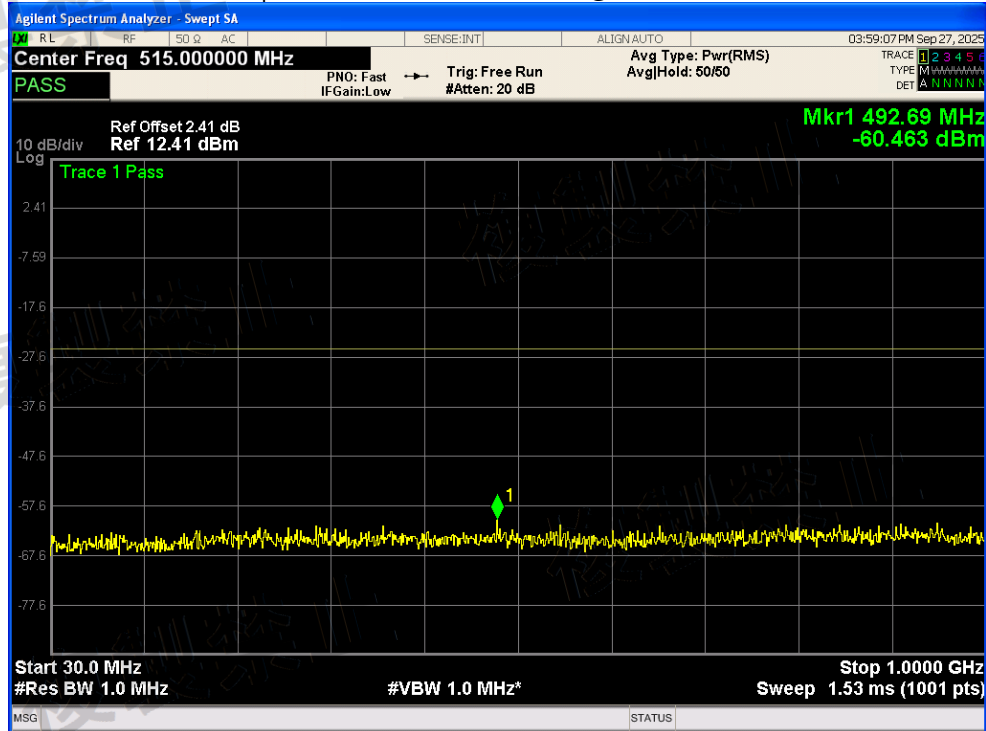
Tx. Spurious NVNT n20 2412MHz Ant2 @ 2483.5MHz-2496.5MHz



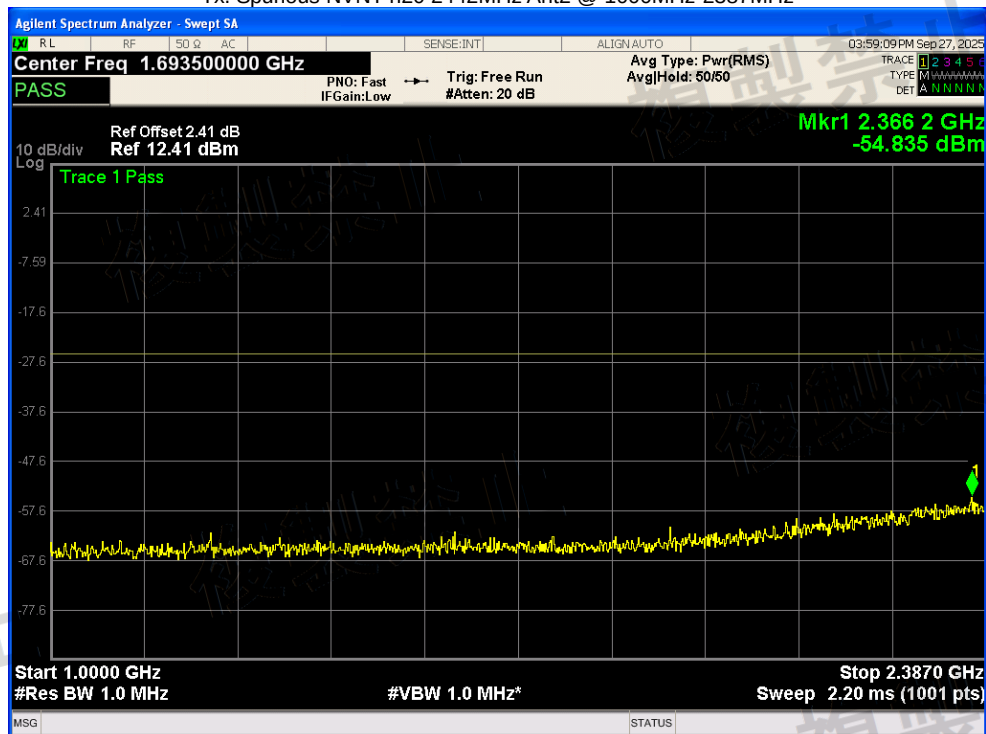
Tx. Spurious NVNT n20 2412MHz Ant2 @ 2496.5MHz-13000MHz



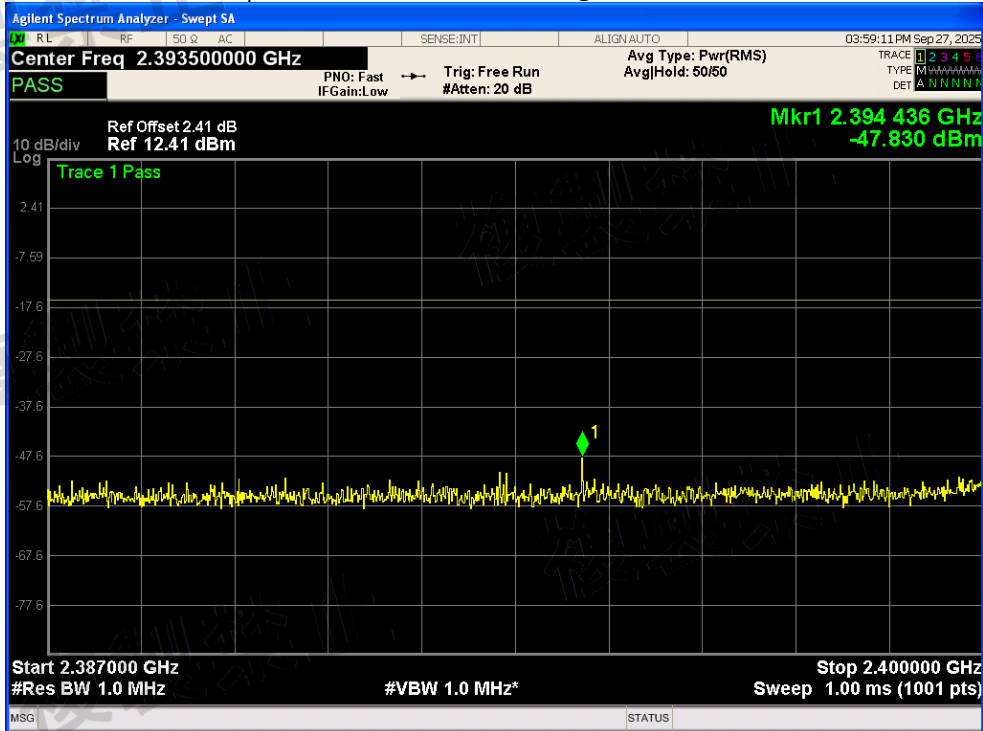
Tx. Spurious NVNT n20 2442MHz Ant2 @ 30MHz-1000MHz



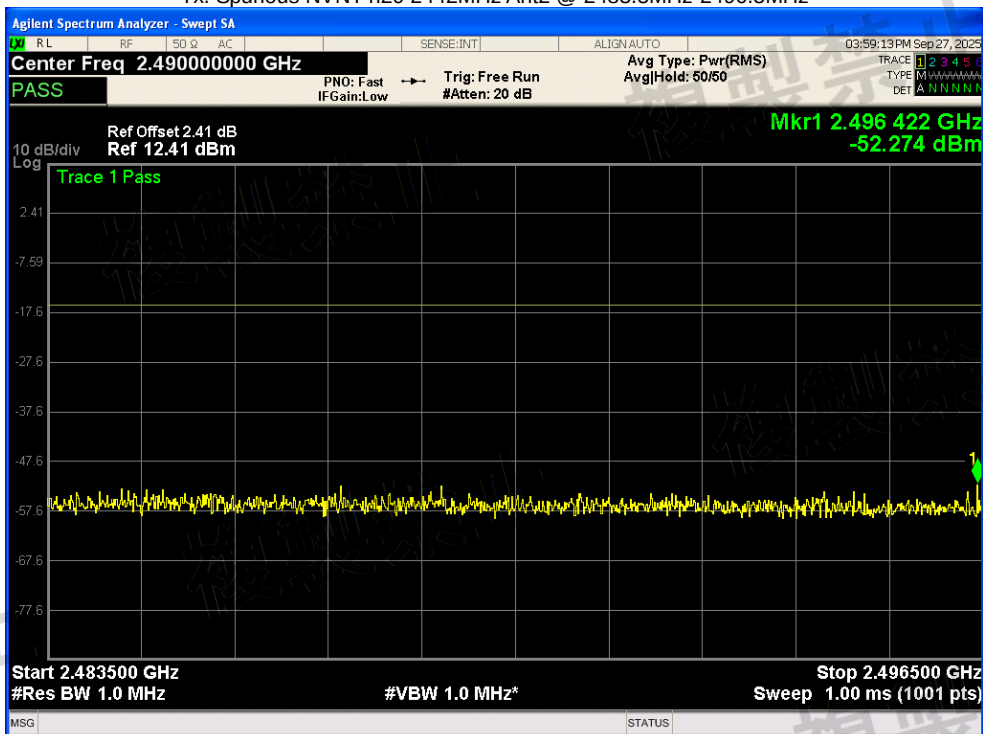
Tx. Spurious NVNT n20 2442MHz Ant2 @ 1000MHz-2387MHz



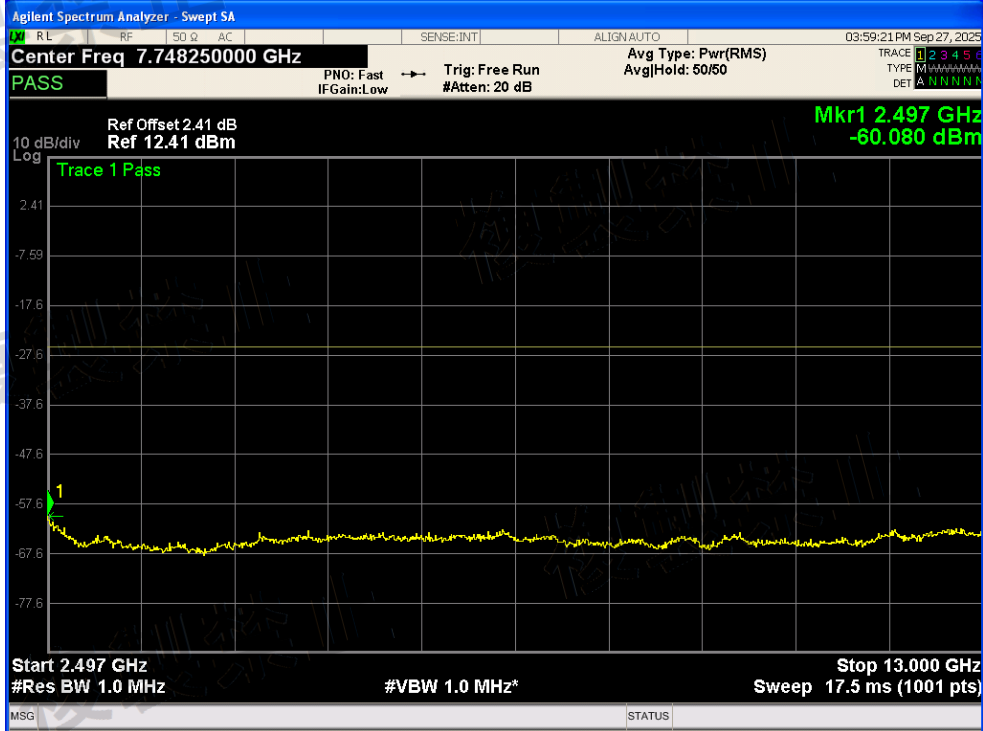
Tx. Spurious NVNT n20 2442MHz Ant2 @ 2387MHz-2400MHz



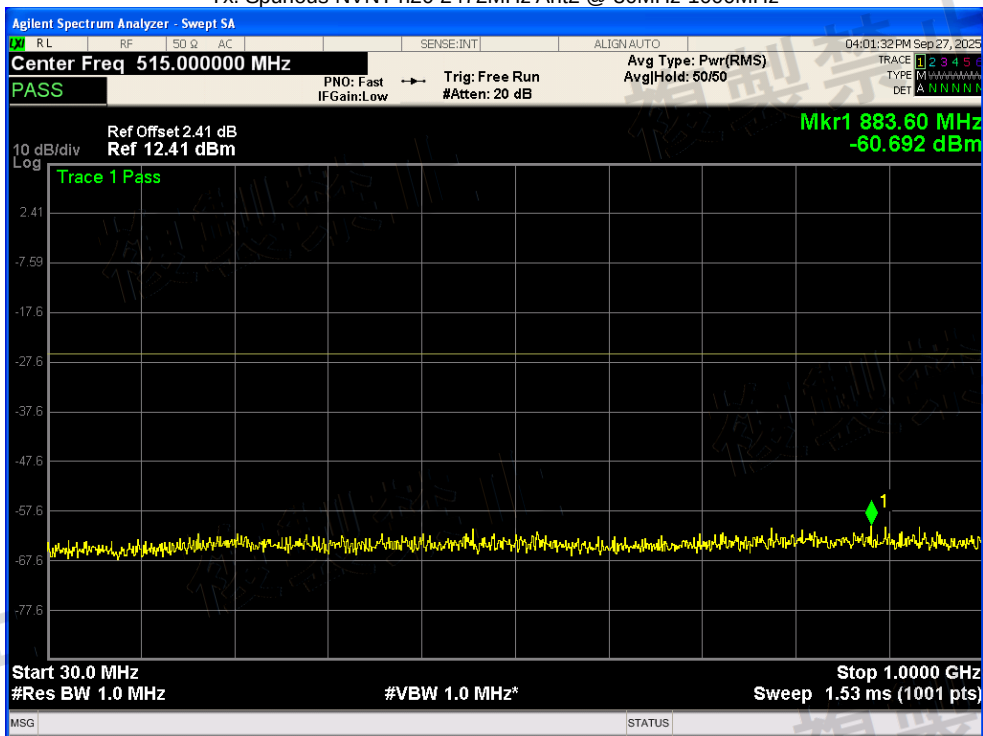
Tx. Spurious NVNT n20 2442MHz Ant2 @ 2483.5MHz-2496.5MHz



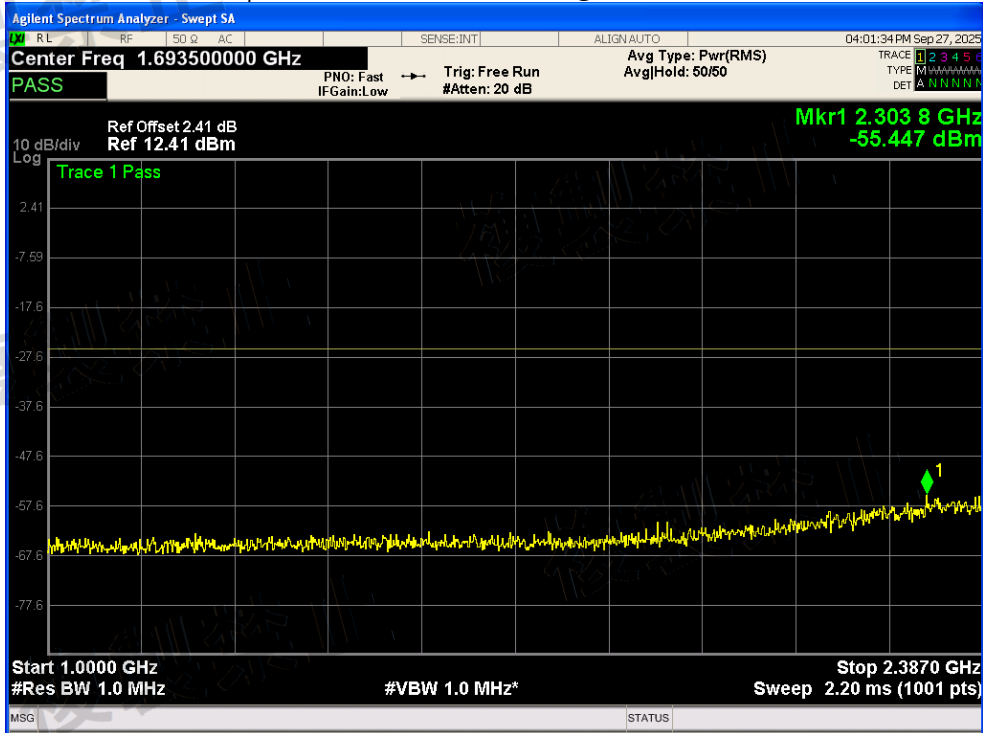
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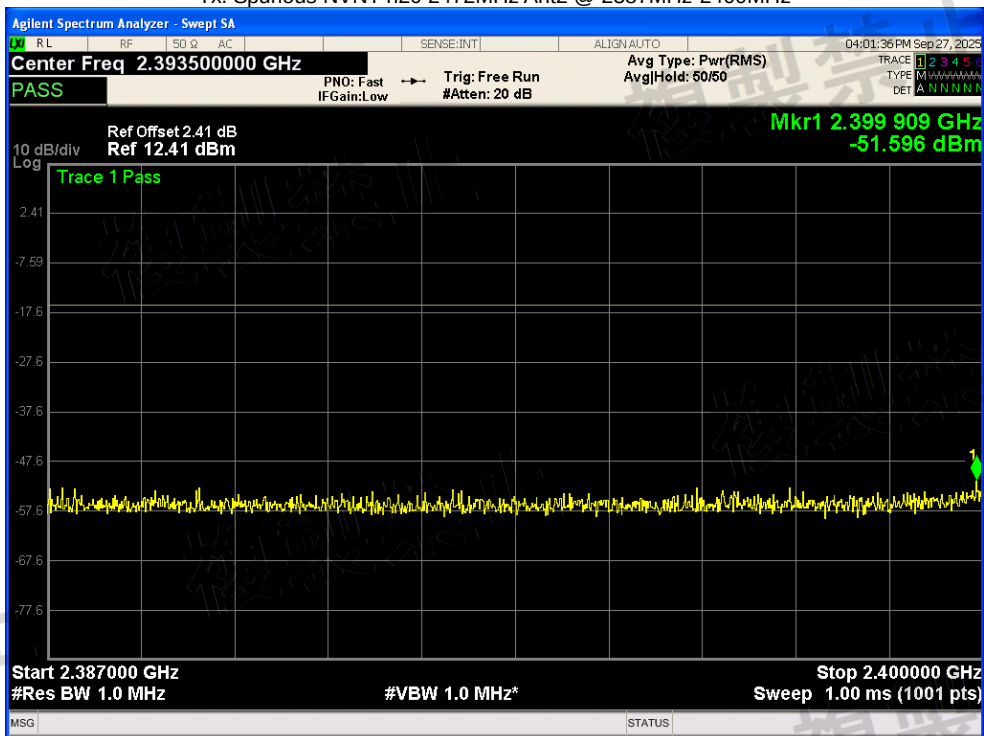
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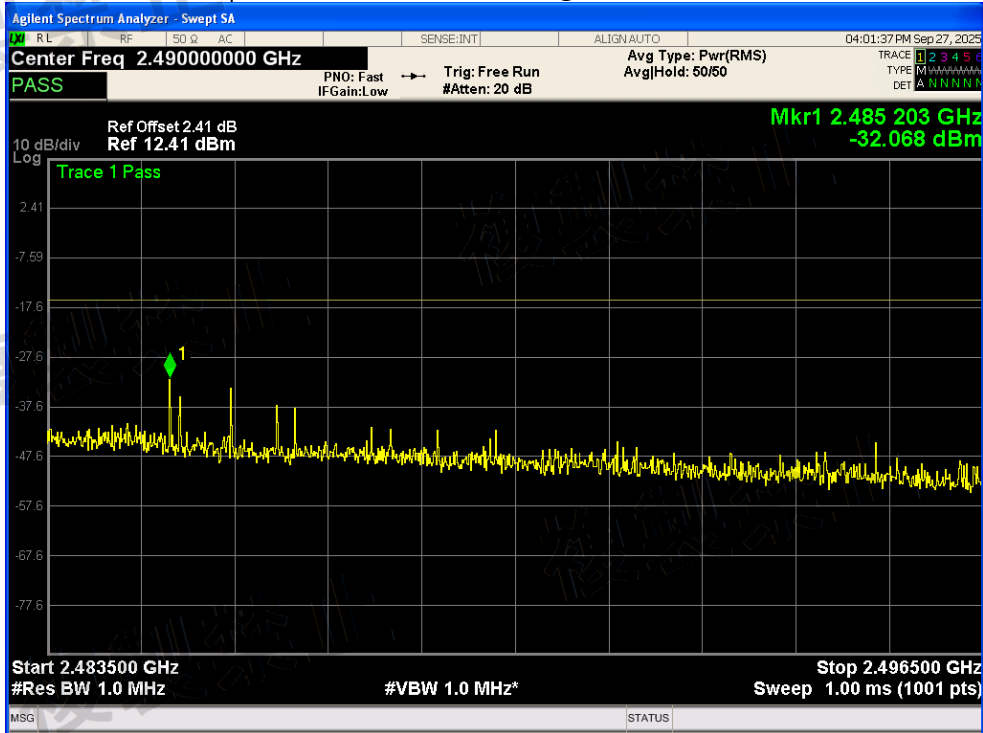
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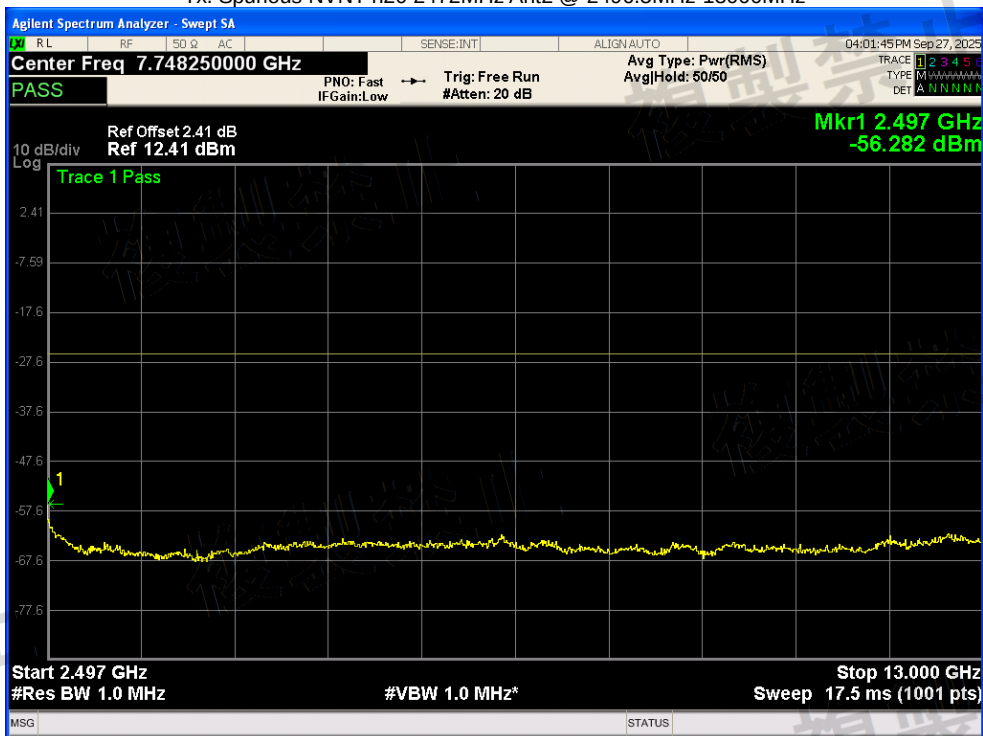
Tx. Spurious NVNT n20 2472MHz Ant2 @ 2387MHz-2400MHz



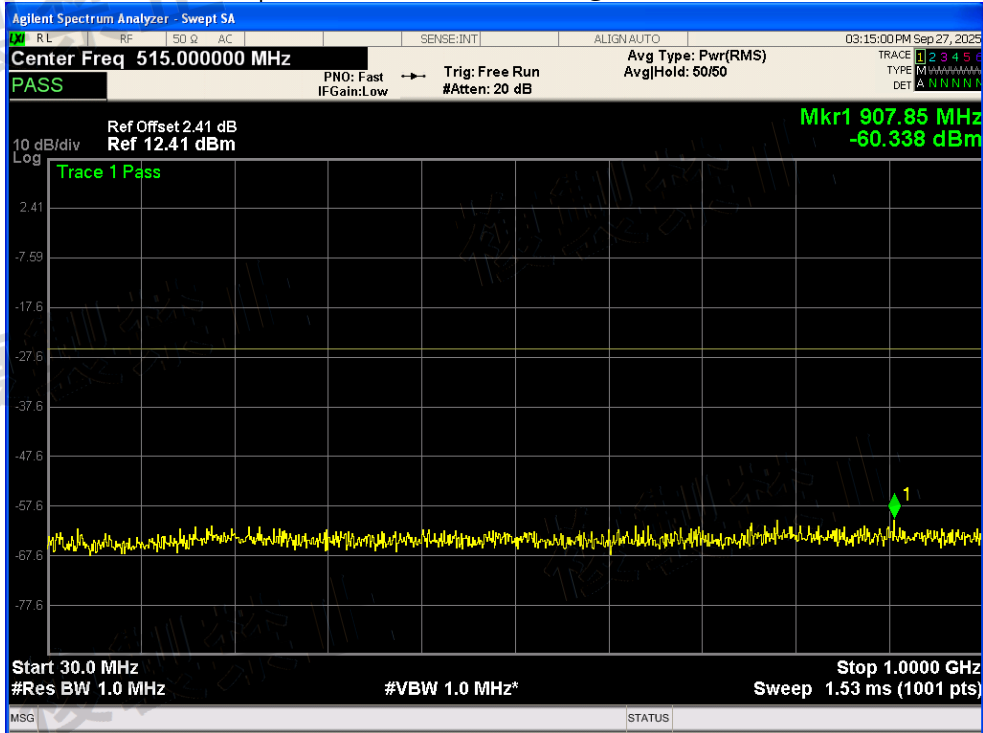
Tx. Spurious NVNT n20 2472MHz Ant2 @ 2483.5MHz-2496.5MHz



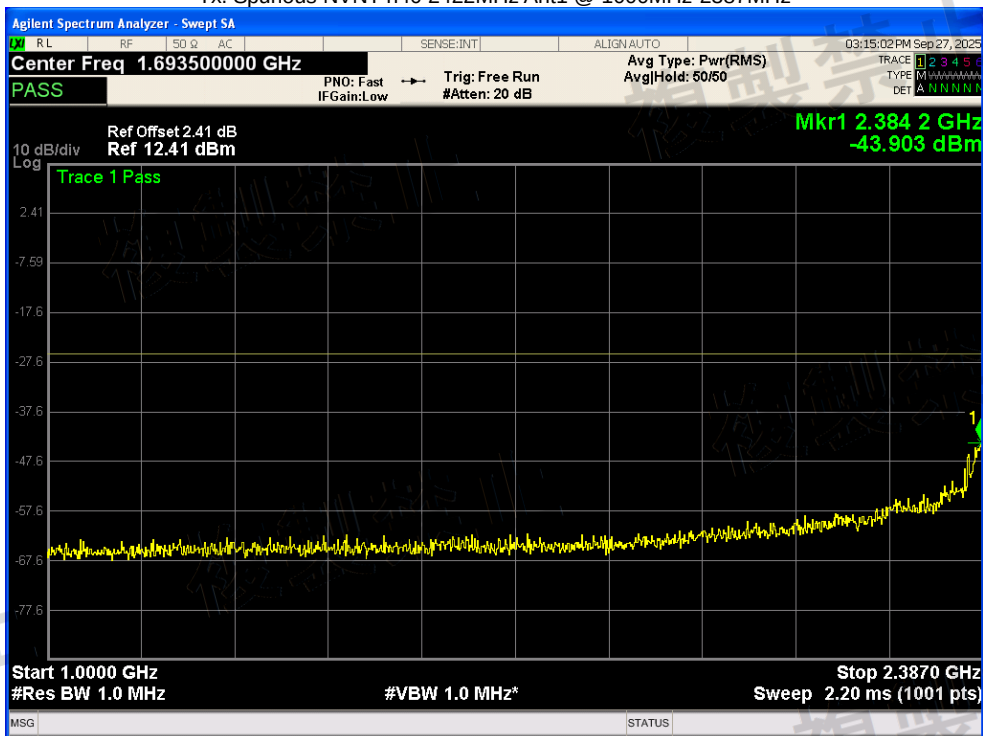
Tx. Spurious NVNT n20 2472MHz Ant2 @ 2496.5MHz-13000MHz



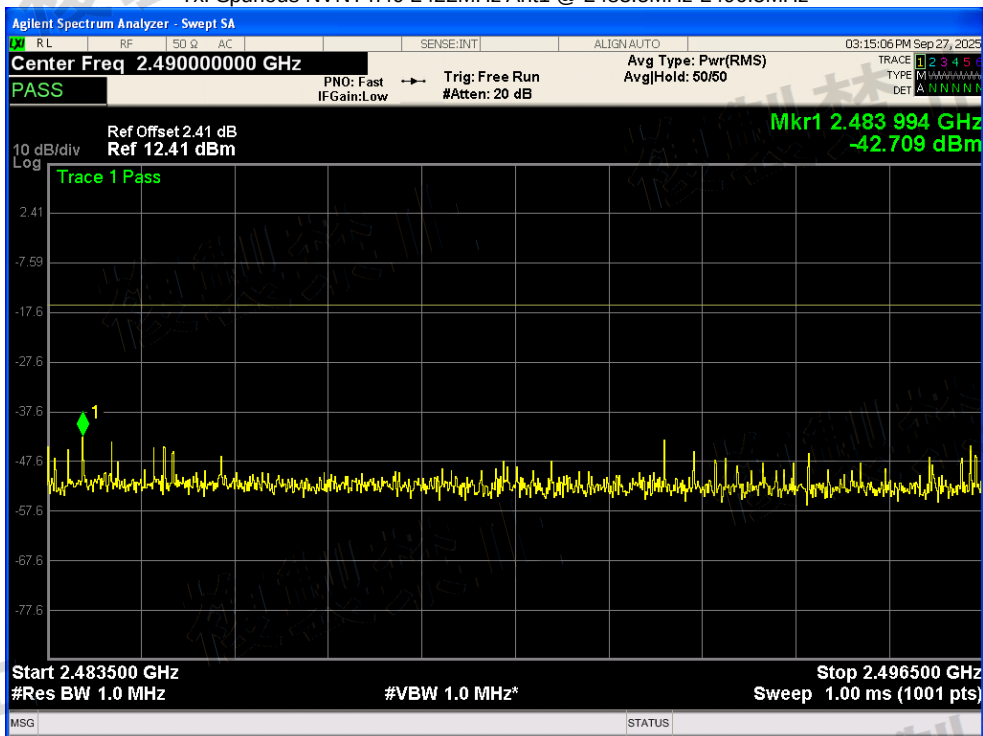
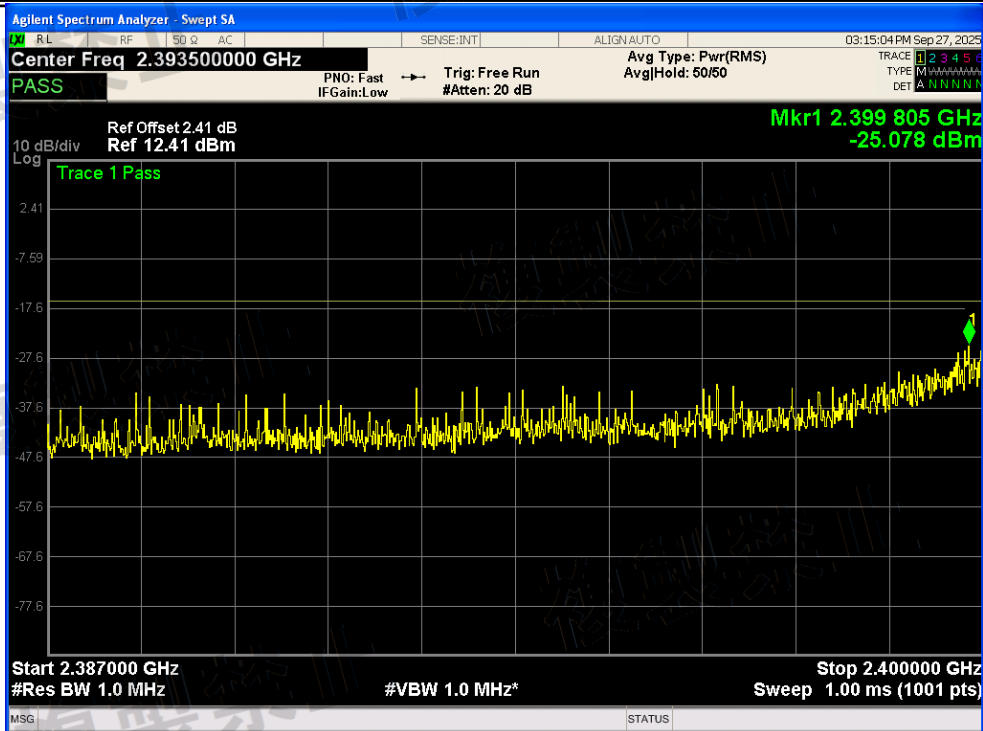
Tx. Spurious NVNT n40 2422MHz Ant1 @ 30MHz-1000MHz

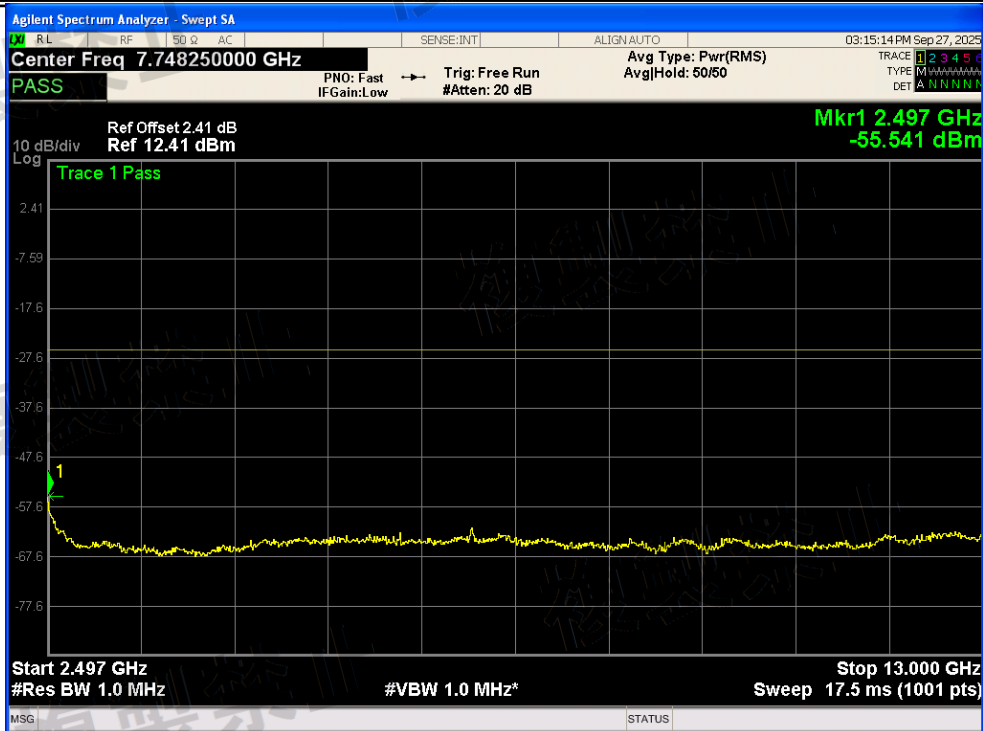


Tx. Spurious NVNT n40 2422MHz Ant1 @ 1000MHz-2387MHz

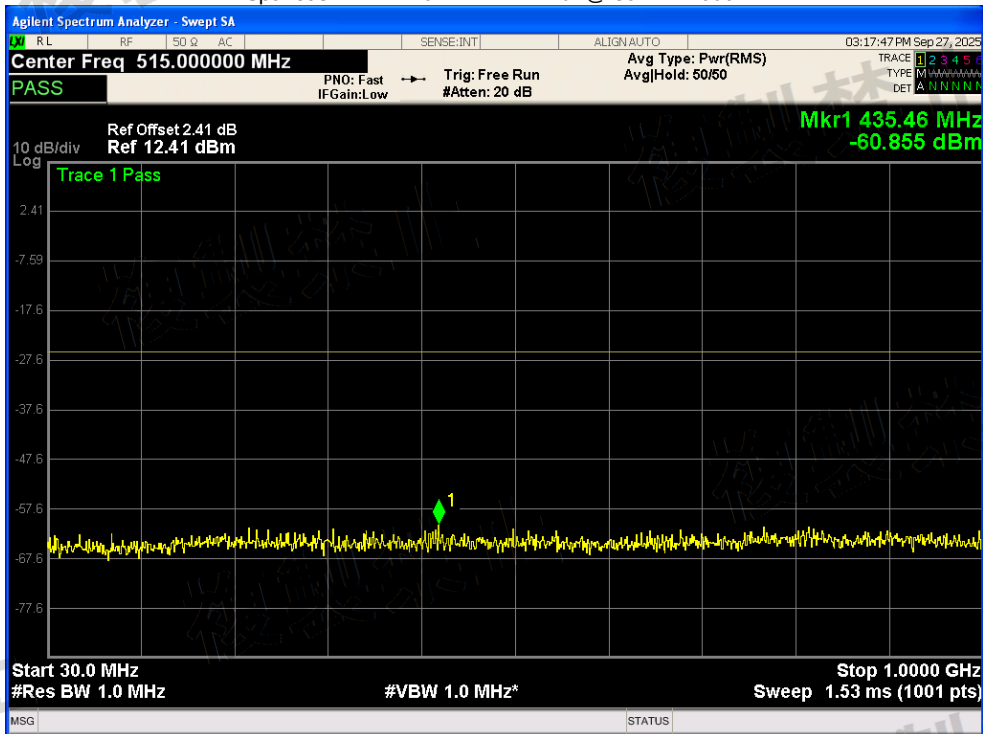


Tx. Spurious NVNT n40 2422MHz Ant1 @ 2387MHz-2400MHz

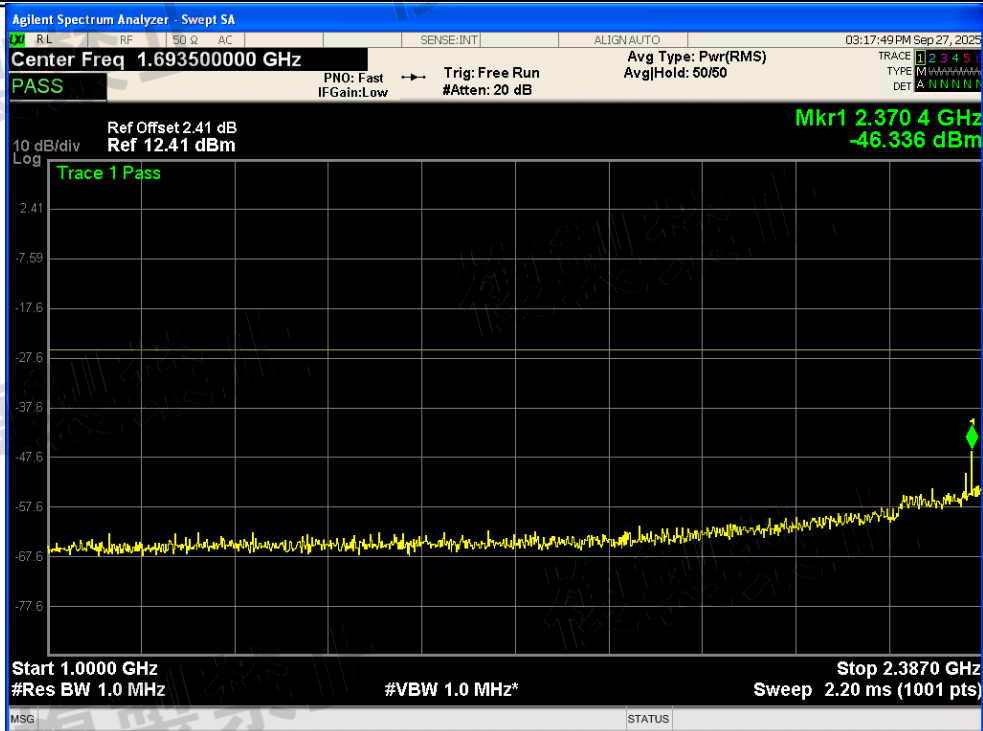




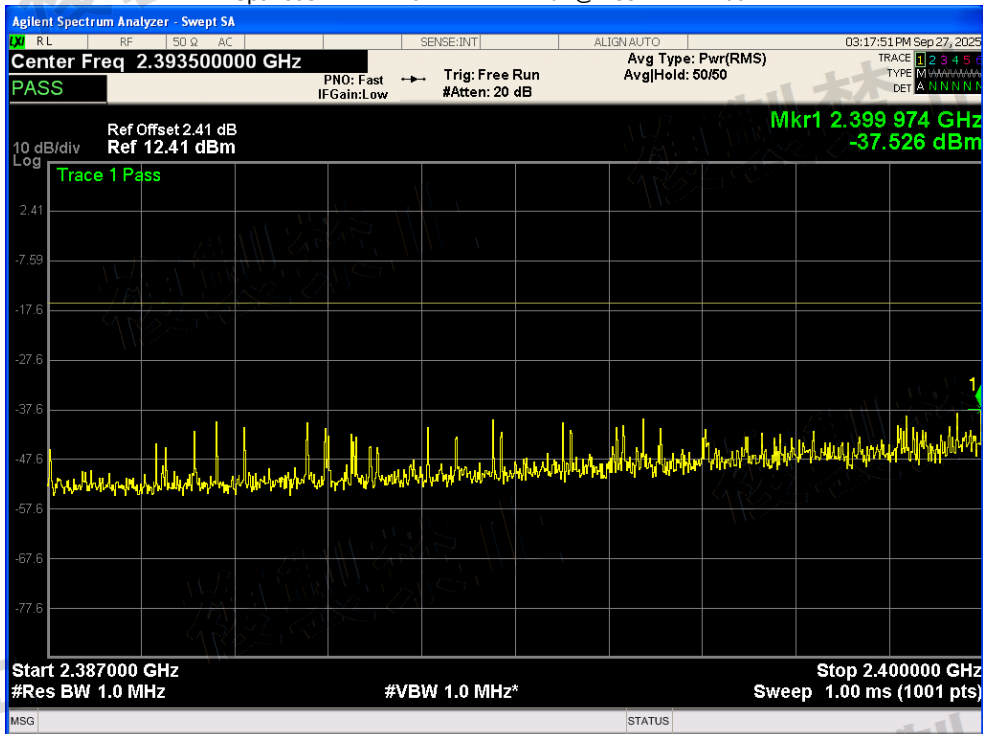
Tx. Spurious NVNT n40 2442MHz Ant1 @ 30MHz-1000MHz



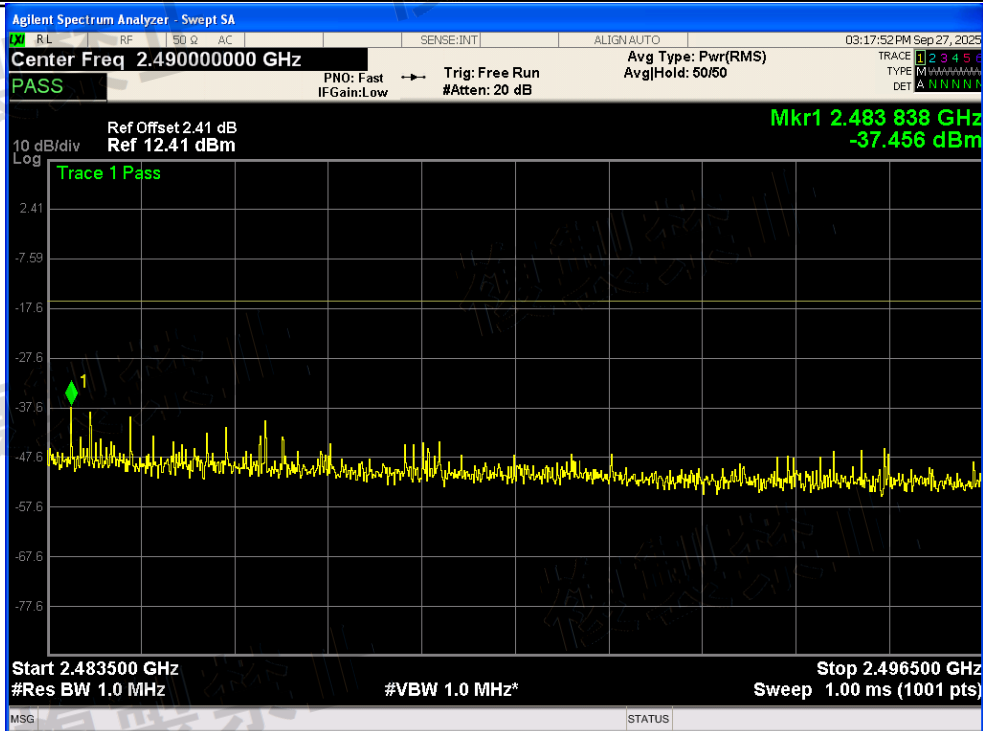
Tx. Spurious NVNT n40 2442MHz Ant1 @ 1000MHz-2387MHz



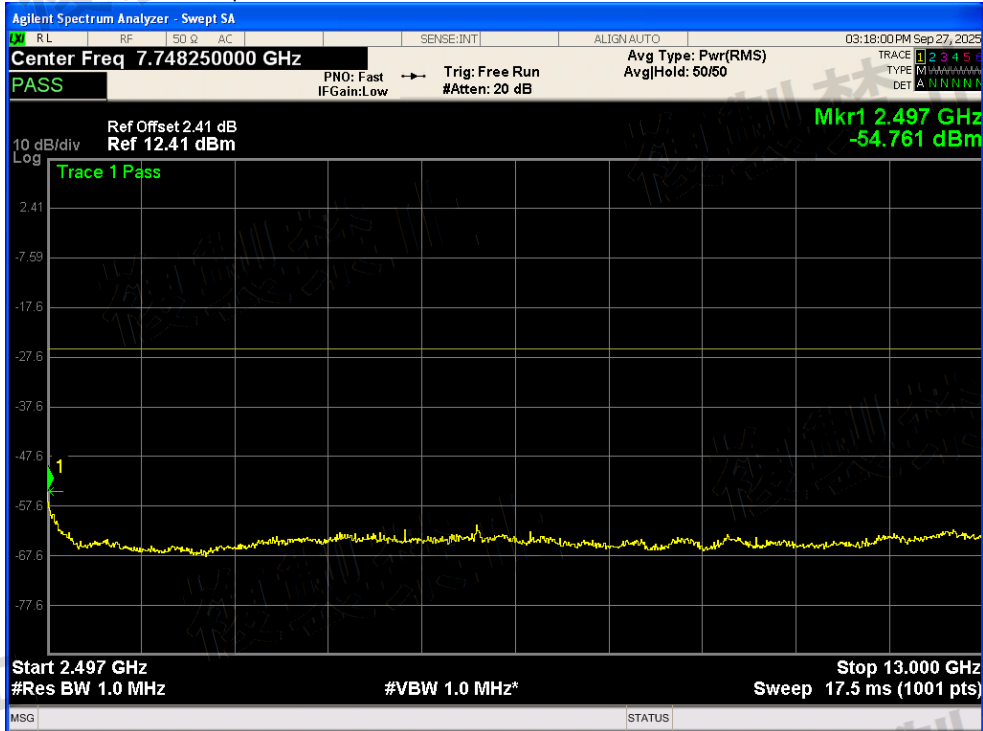
Tx. Spurious NVNT n40 2442MHz Ant1 @ 2387MHz-2400MHz



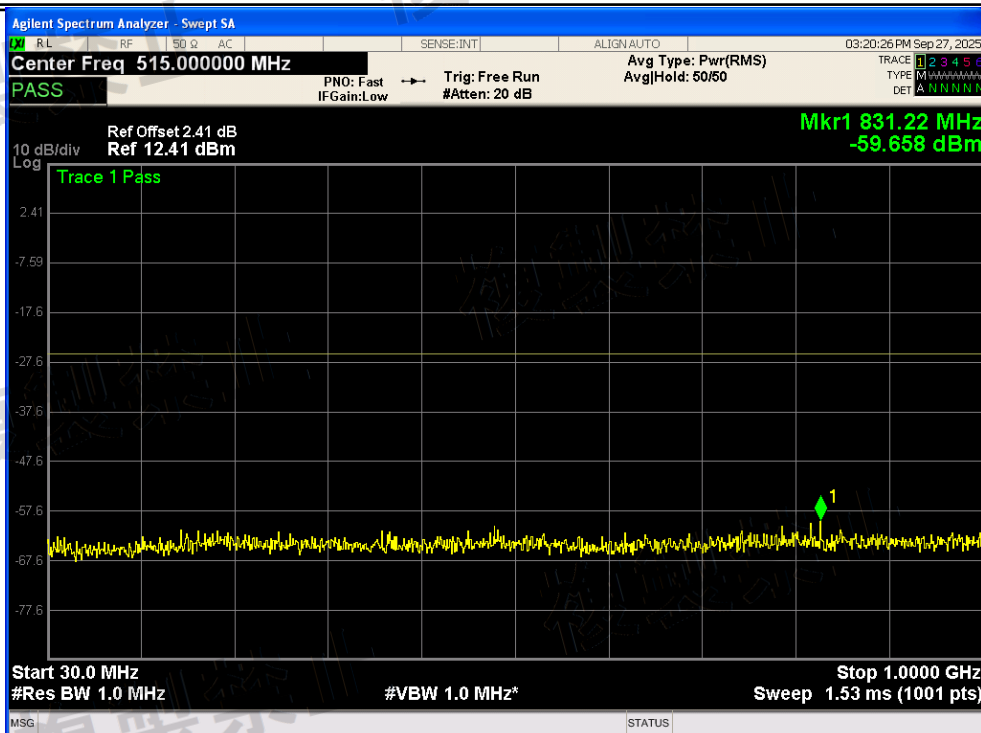
Tx. Spurious NVNT n40 2442MHz Ant1 @ 2483.5MHz-2496.5MHz



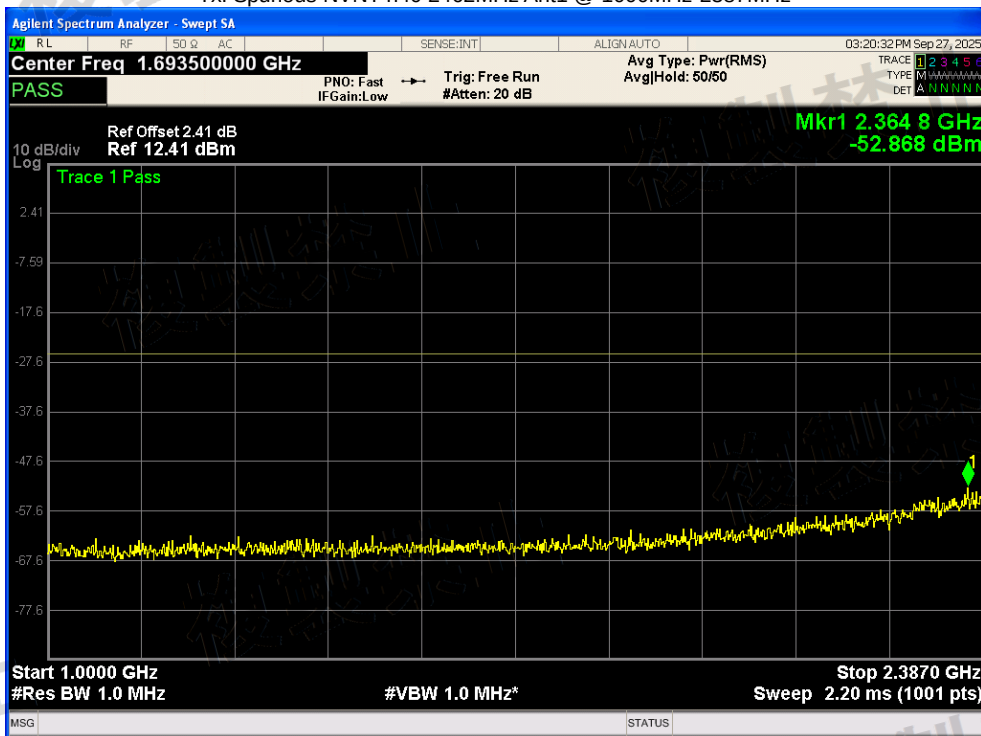
Tx. Spurious NVNT n40 2442MHz Ant1 @ 2496.5MHz-13000MHz



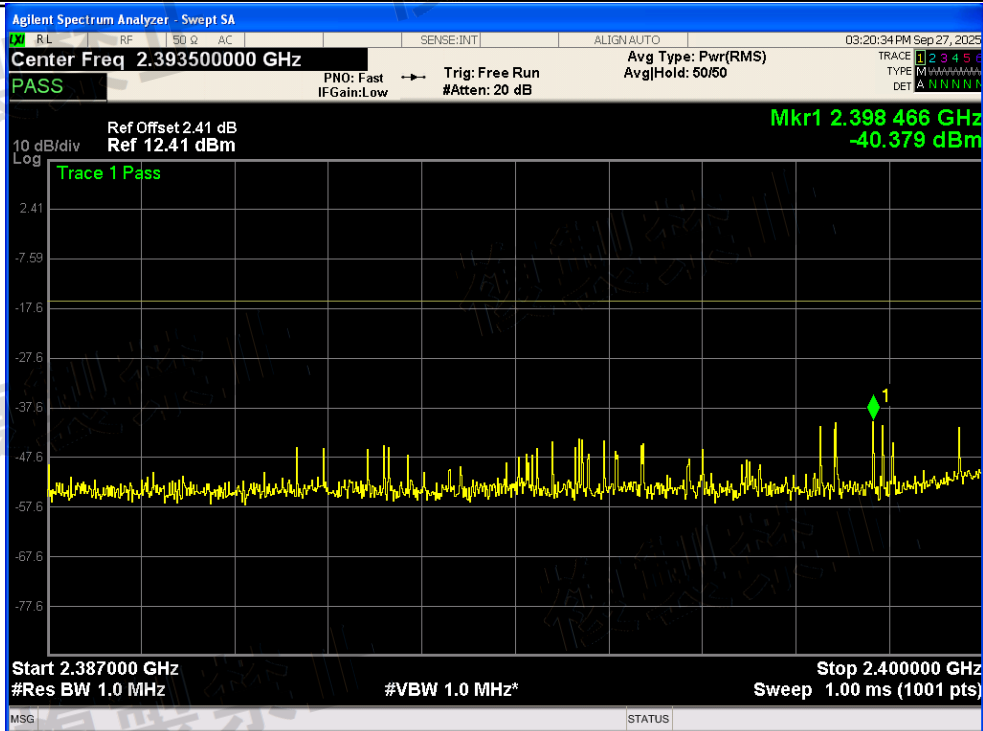
Tx. Spurious NVNT n40 2462MHz Ant1 @ 30MHz-1000MHz



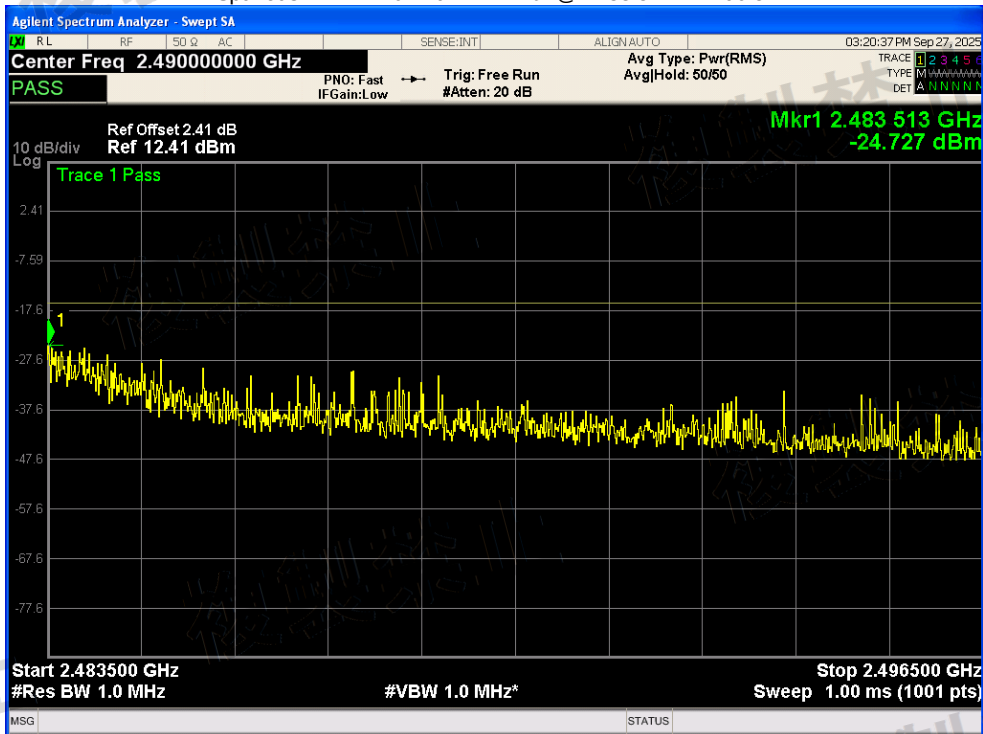
Tx. Spurious NVNT n40 2462MHz Ant1 @ 1000MHz-2387MHz



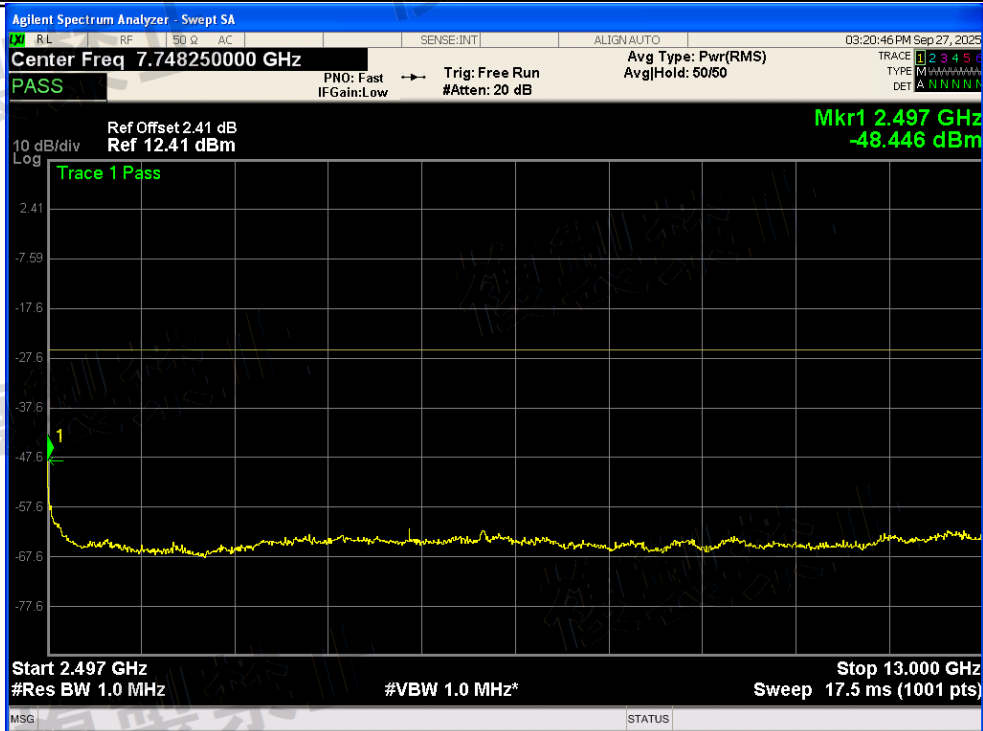
Tx. Spurious NVNT n40 2462MHz Ant1 @ 2387MHz-2400MHz



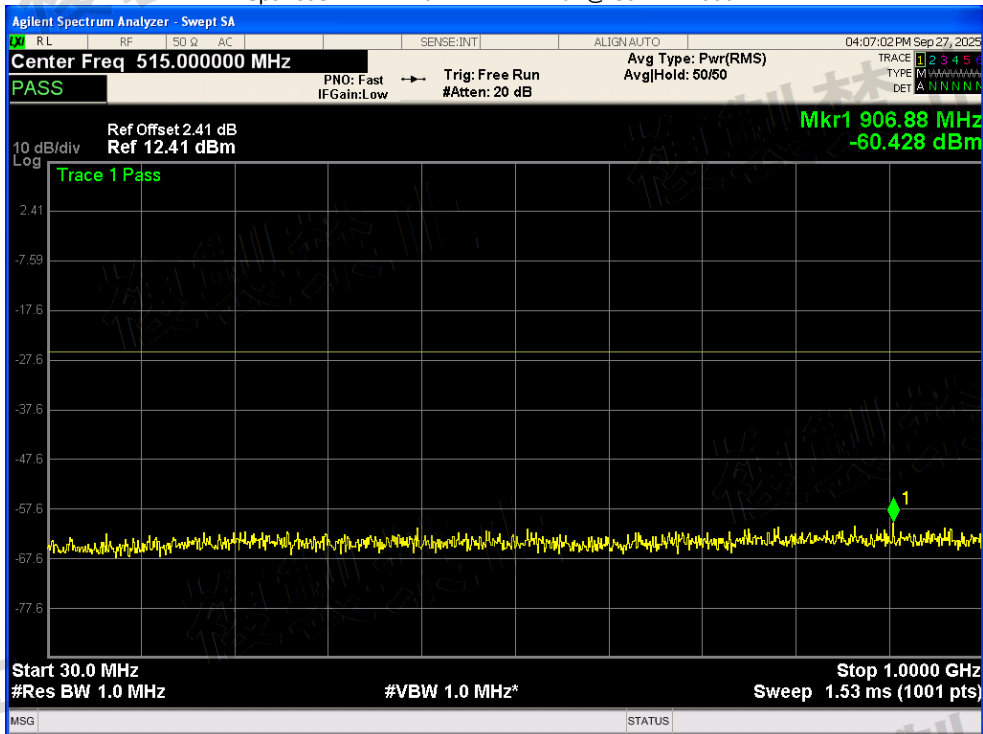
Tx. Spurious NVNT n40 2462MHz Ant1 @ 2483.5MHz-2496.5MHz



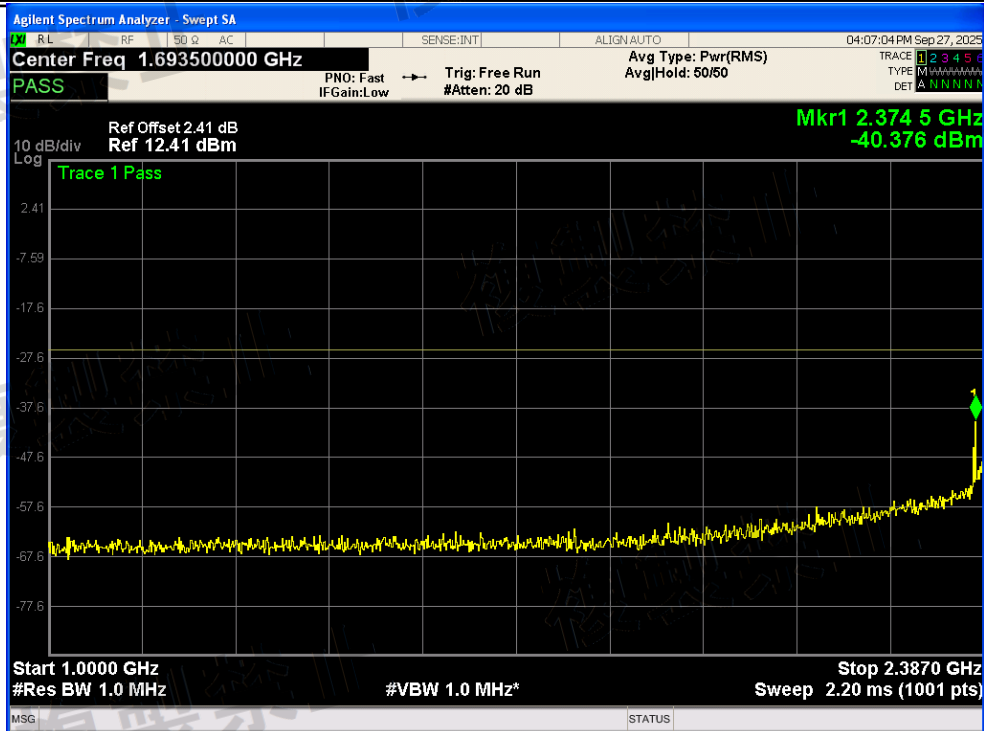
Tx. Spurious NVNT n40 2462MHz Ant1 @ 2496.5MHz-13000MHz



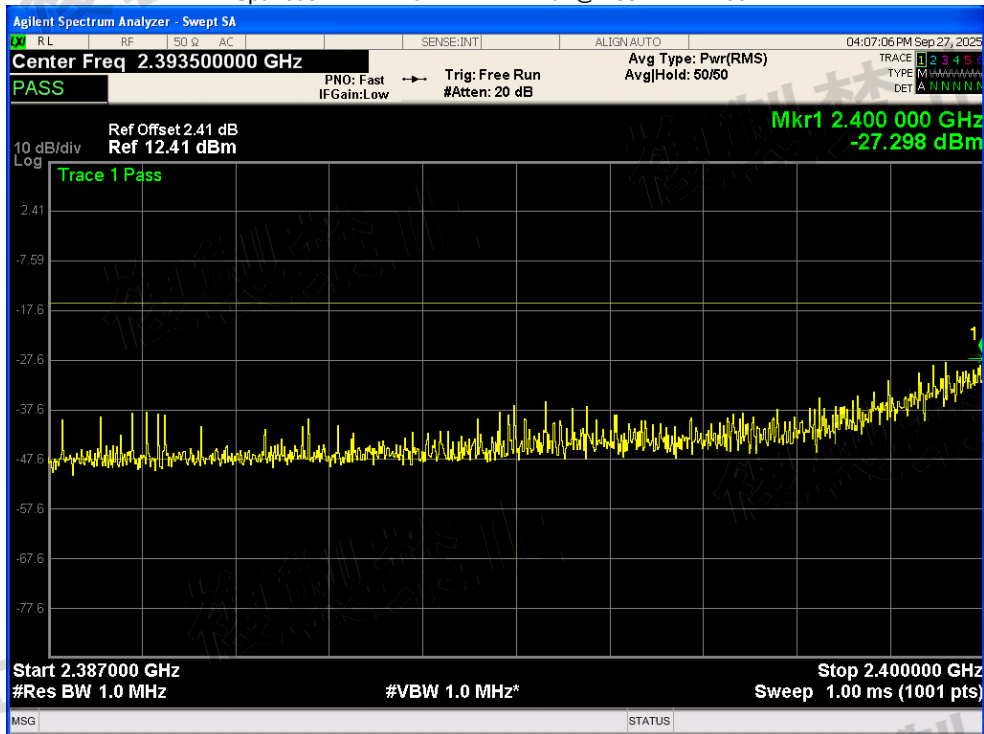
Tx. Spurious NVNT n40 2422MHz Ant2 @ 30MHz-1000MHz



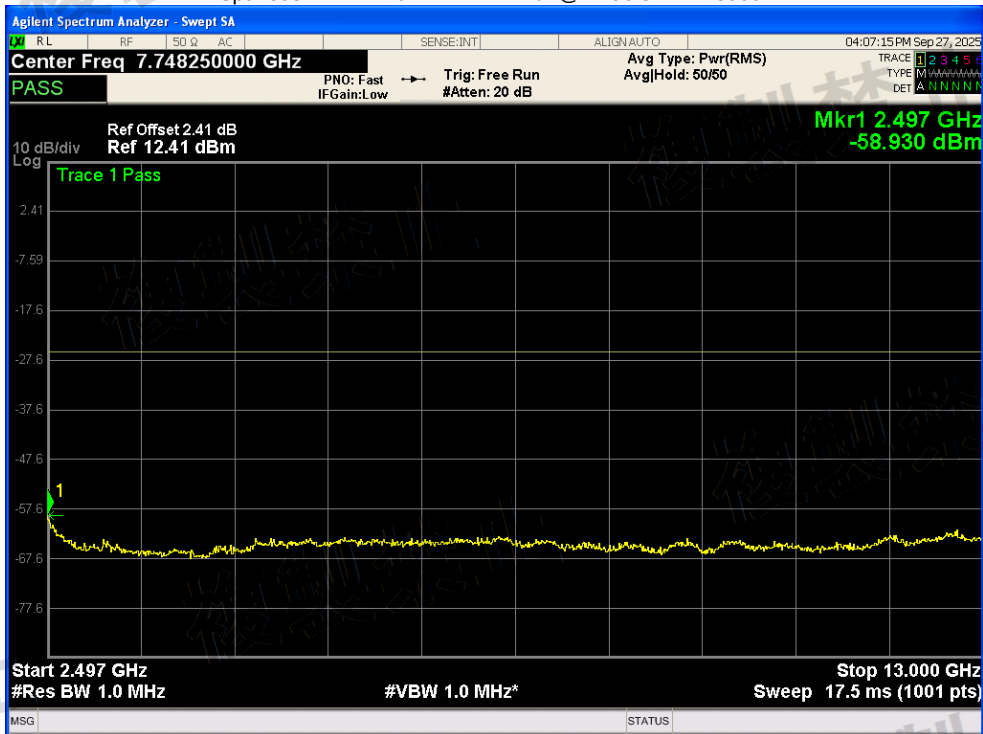
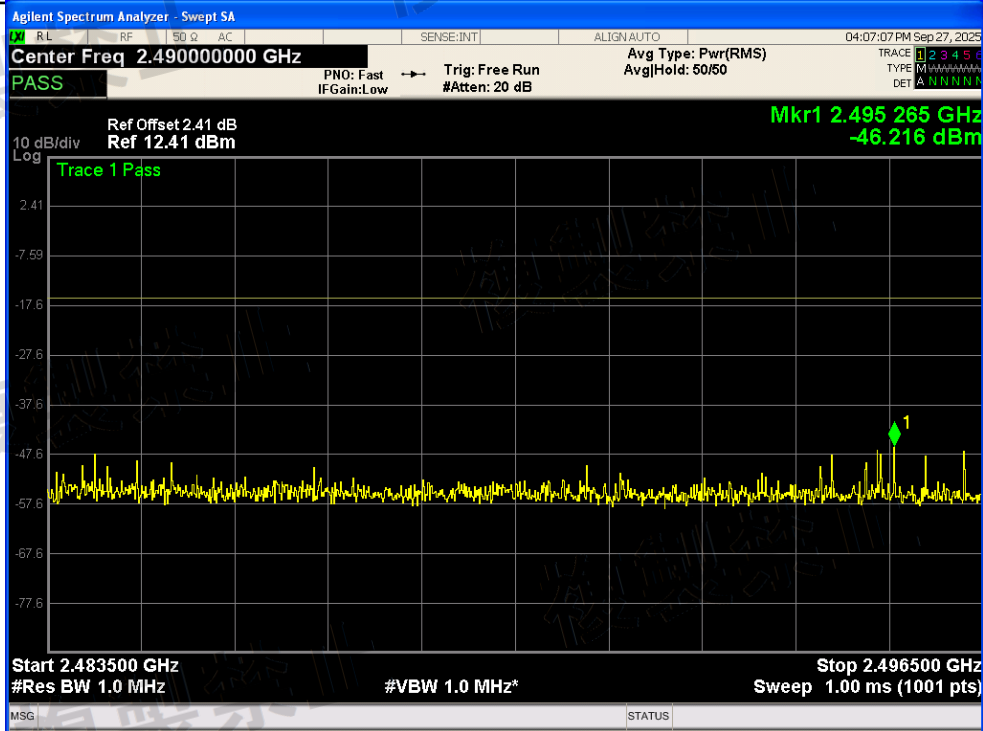
Tx. Spurious NVNT n40 2422MHz Ant2 @ 1000MHz-2387MHz

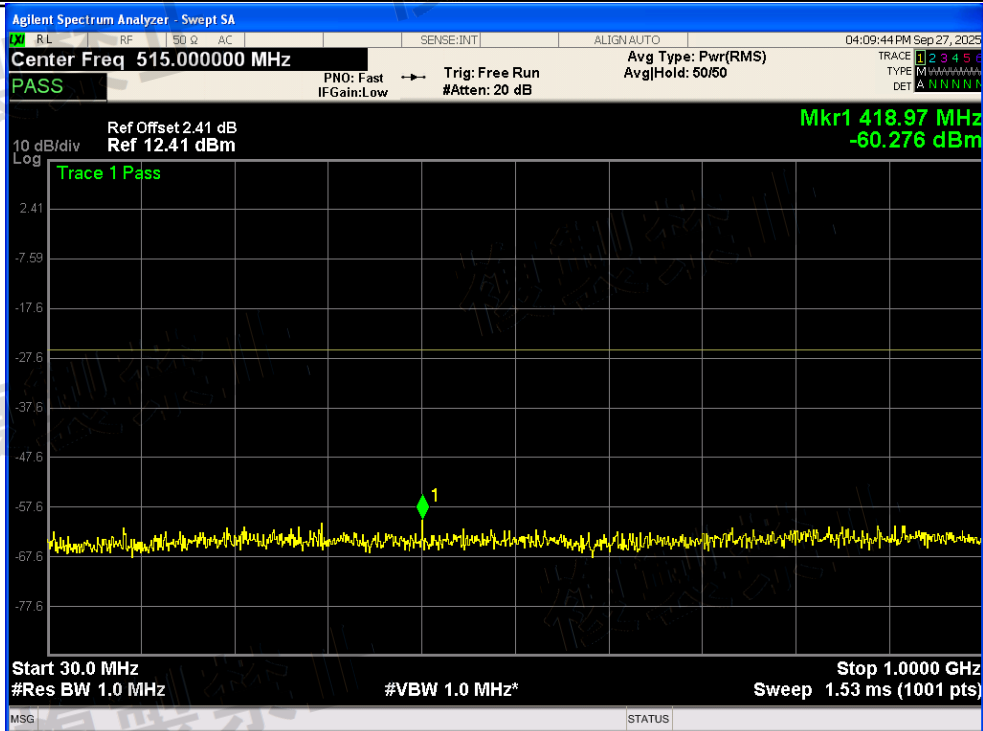


Tx. Spurious NVNT n40 2422MHz Ant2 @ 2387MHz-2400MHz

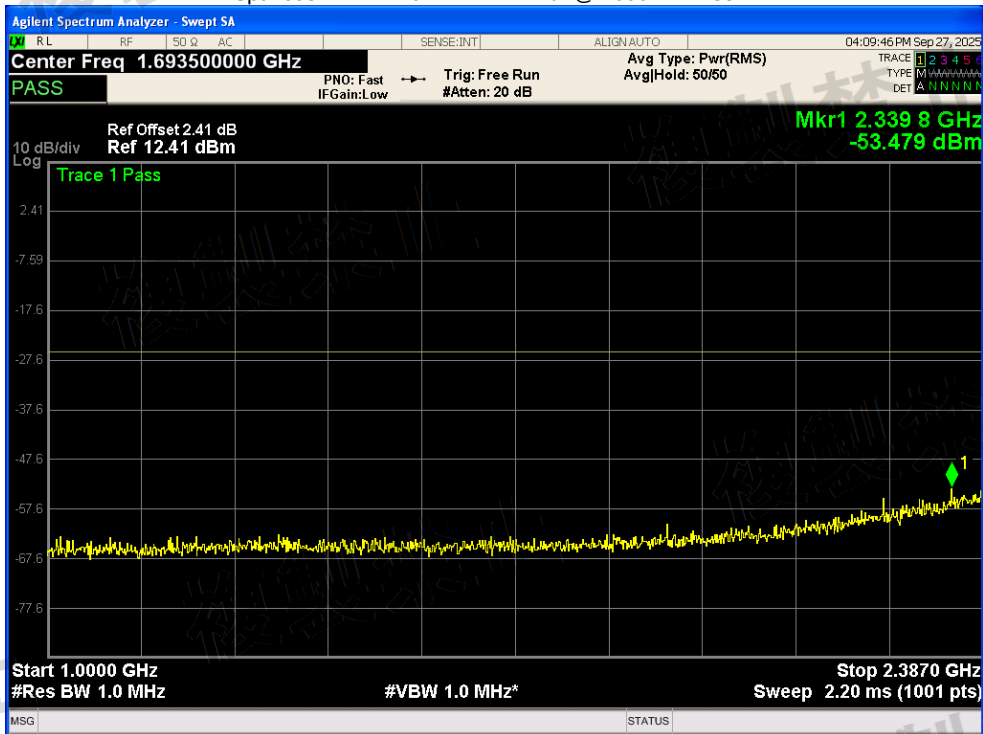


Tx. Spurious NVNT n40 2422MHz Ant2 @ 2483.5MHz-2496.5MHz

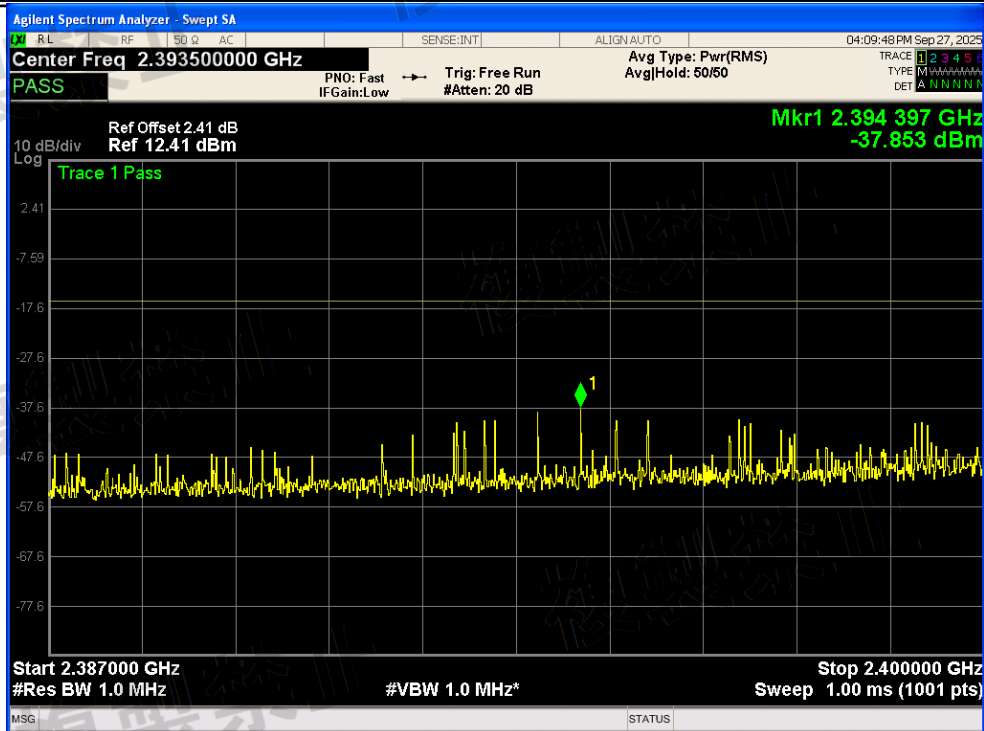




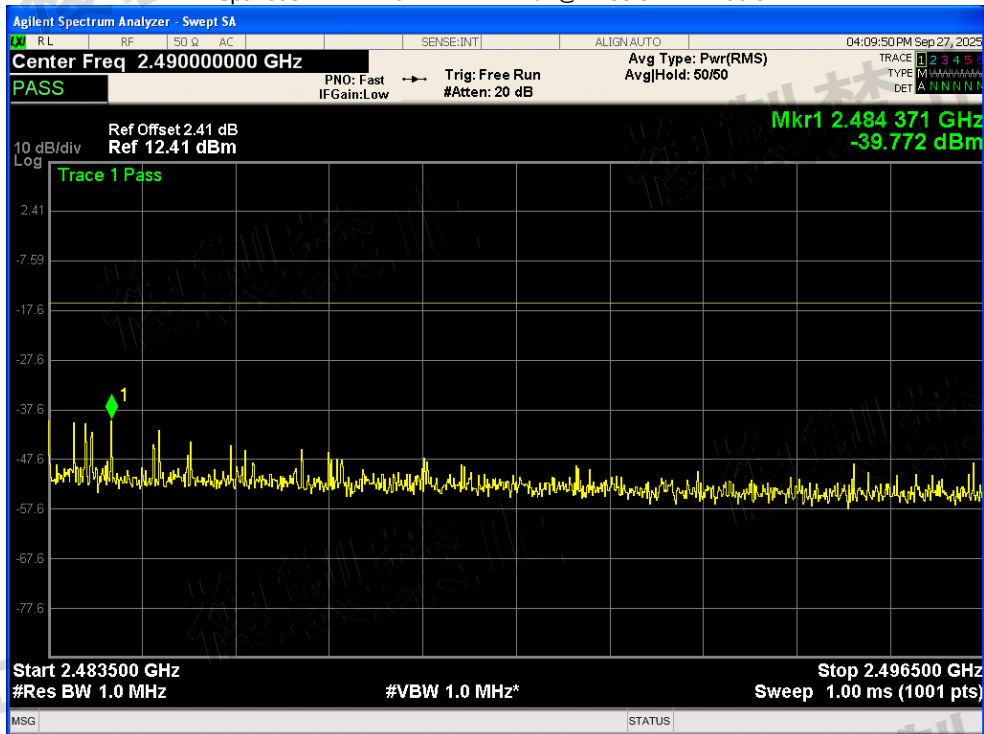
Tx. Spurious NVNT n40 2442MHz Ant2 @ 1000MHz-2387MHz



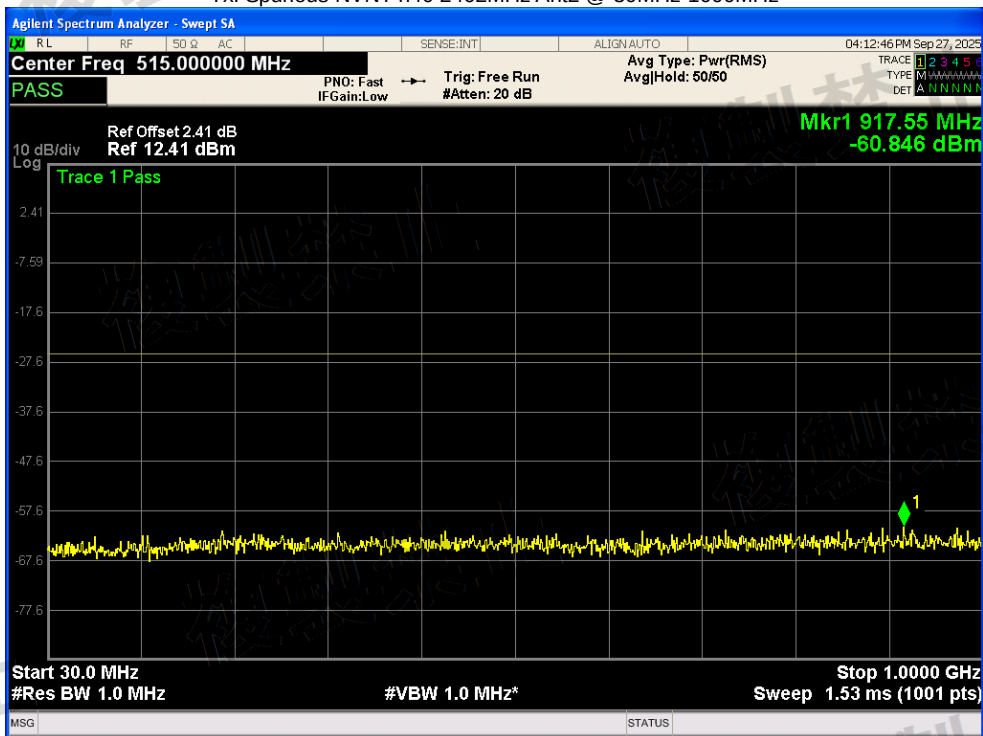
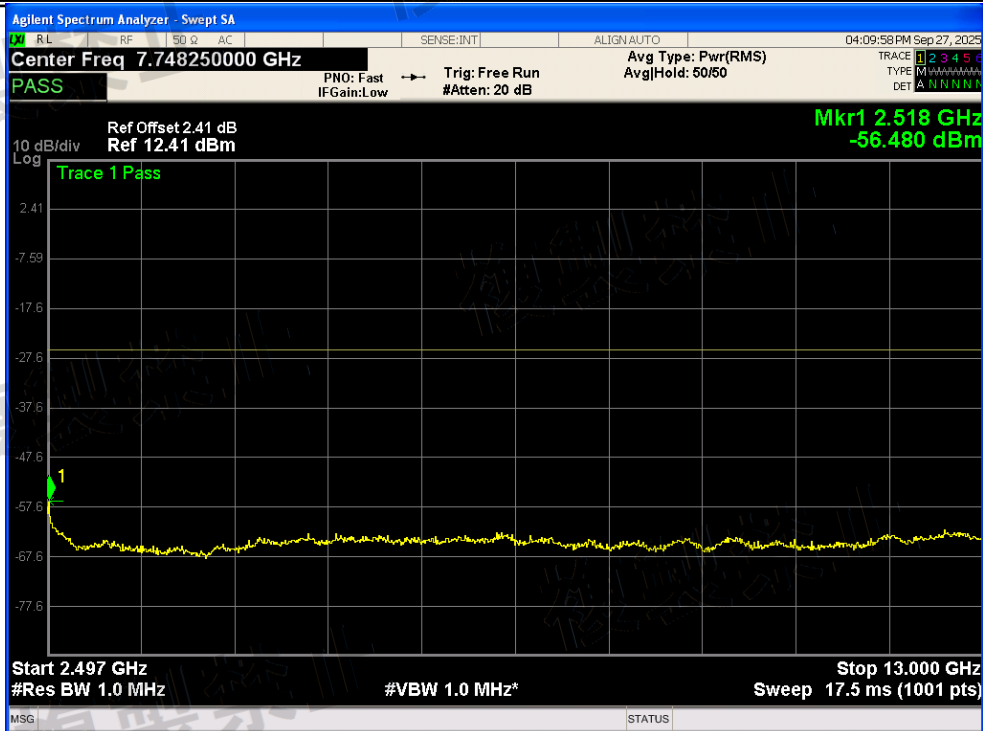
Tx. Spurious NVNT n40 2442MHz Ant2 @ 2387MHz-2400MHz

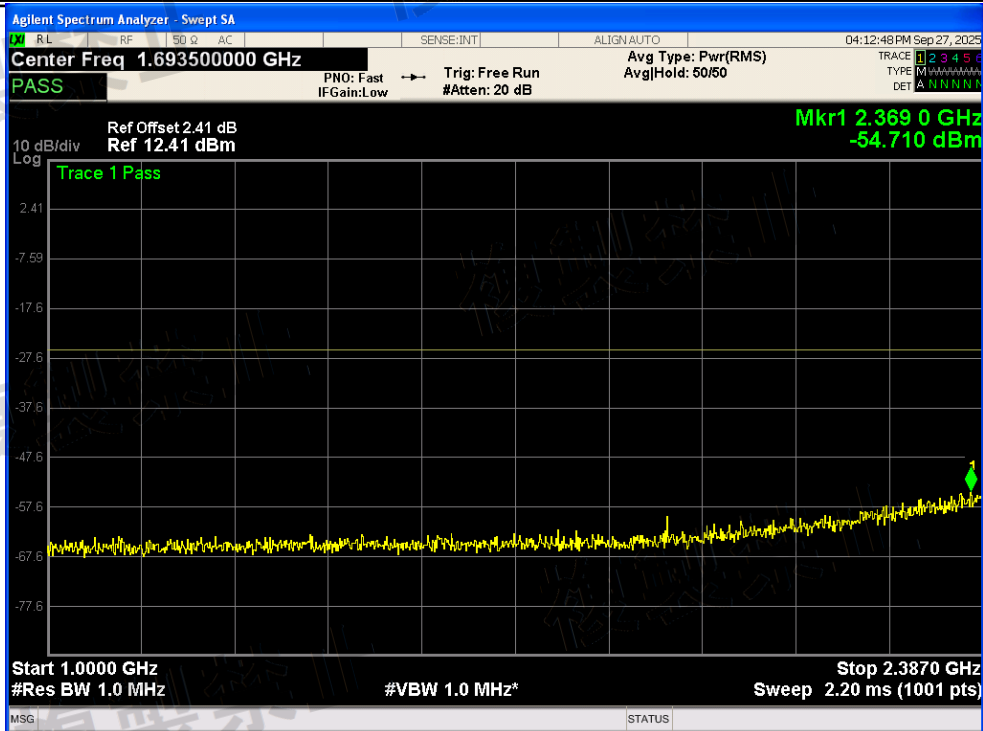


Tx. Spurious NVNT n40 2442MHz Ant2 @ 2483.5MHz-2496.5MHz

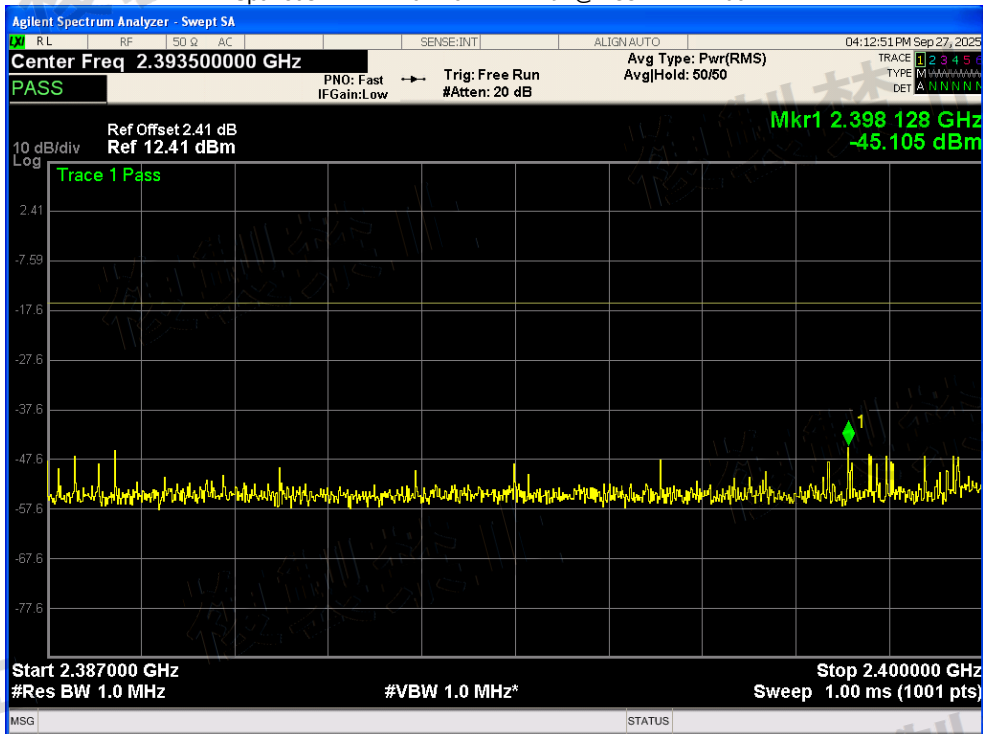


Tx. Spurious NVNT n40 2442MHz Ant2 @ 2496.5MHz-13000MHz

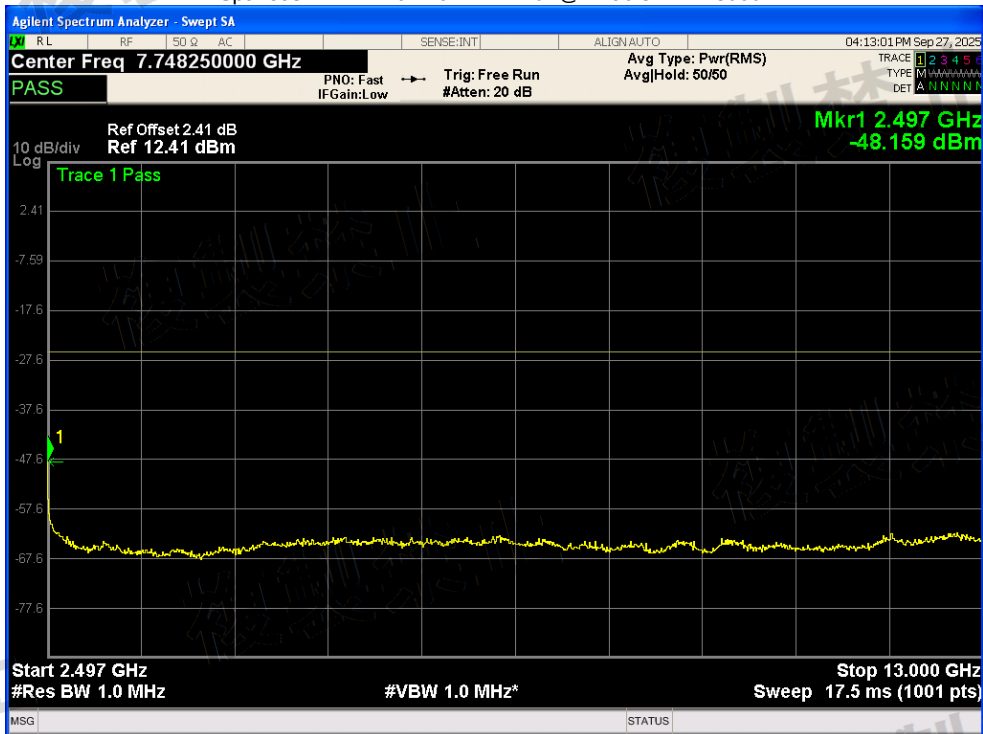
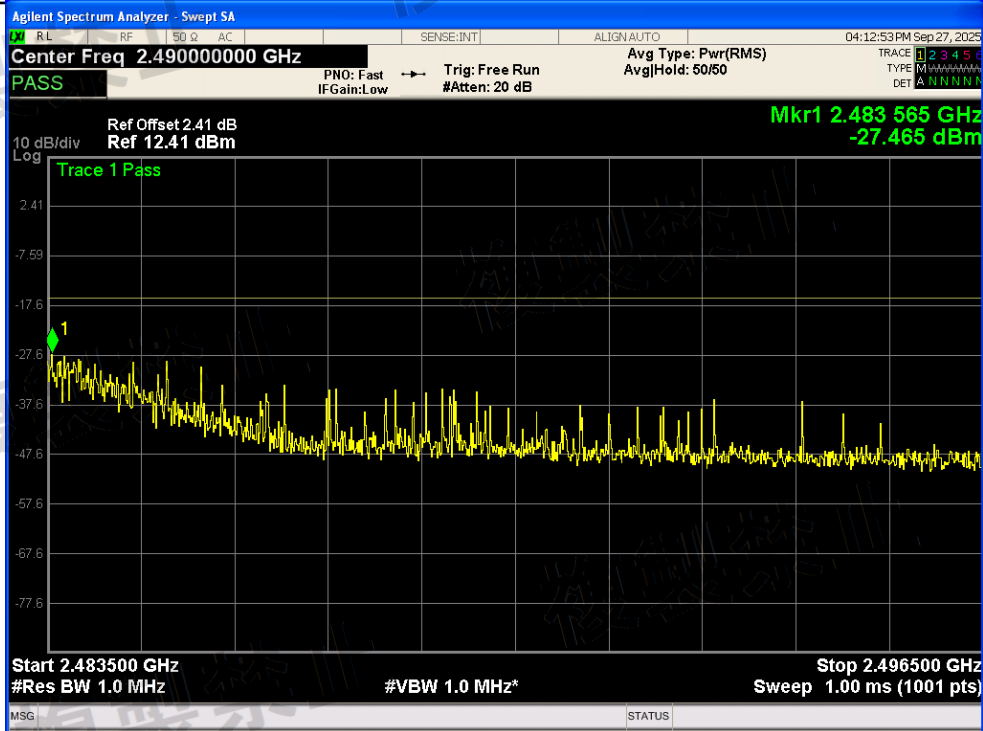




Tx. Spurious NVNT n40 2462MHz Ant2 @ 2387MHz-2400MHz



Tx. Spurious NVNT n40 2462MHz Ant2 @ 2483.5MHz-2496.5MHz

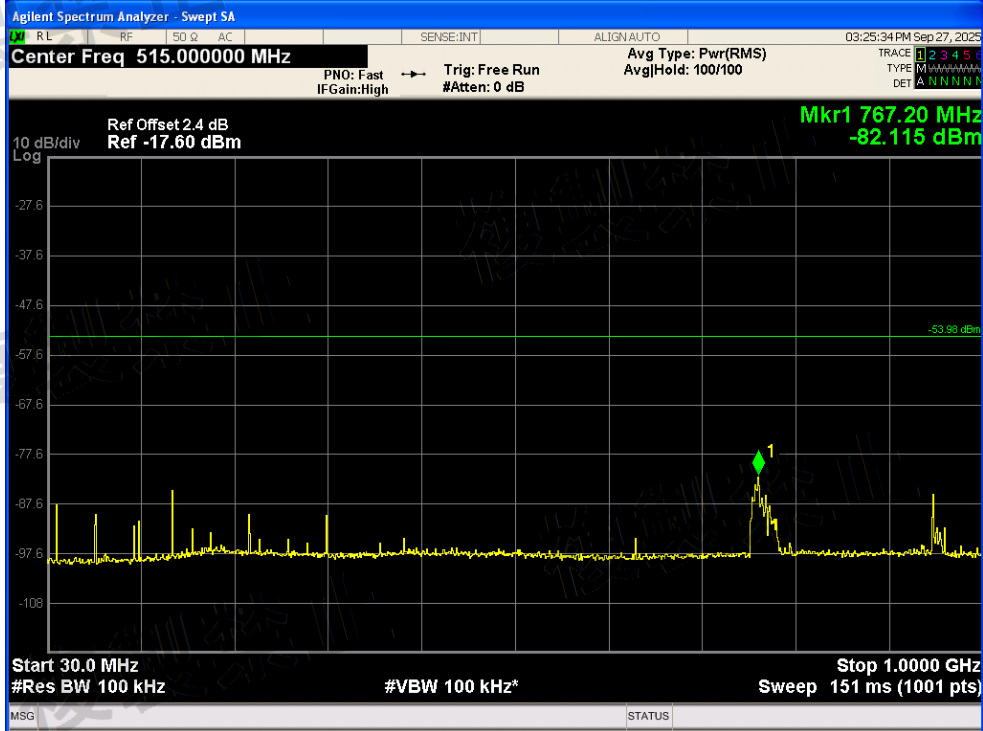


12.5 RX SPURIOUS EMISSION

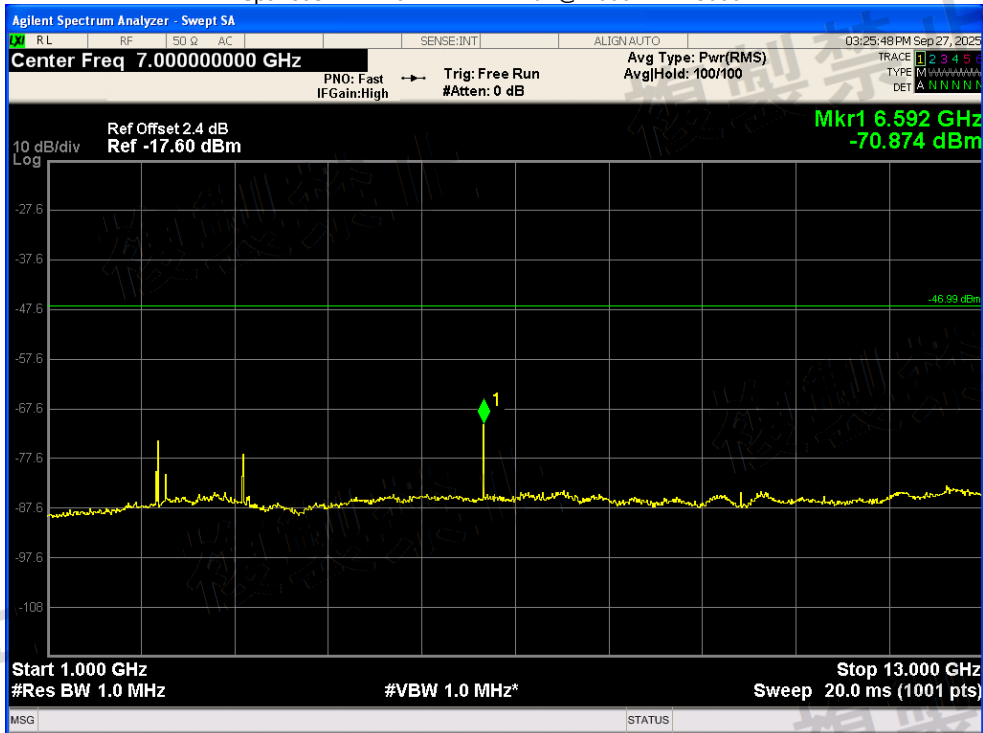
Condition	Mode	Frequency (MHz)	Antenna	Range (MHz)	Emission Frequency (MHz)	Max Value (dBm)	Max Value (nW)	Limit (nW)	Verdict
NVNT	b	2412	Ant1	30-1000	767.2	-82.12	0.0061	4	Pass
NVNT	b	2412	Ant1	1000-13000	6592	-70.87	0.0818	20	Pass
NVNT	b	2442	Ant1	30-1000	767.2	-82.72	0.0053	4	Pass
NVNT	b	2442	Ant1	1000-13000	2464	-68.18	0.1521	20	Pass
NVNT	b	2472	Ant1	30-1000	771.08	-83.75	0.0042	4	Pass
NVNT	b	2472	Ant1	1000-13000	6592	-70.73	0.0845	20	Pass
NVNT	b	2412	Ant2	30-1000	767.2	-84.62	0.0035	4	Pass
NVNT	b	2412	Ant2	1000-13000	3496	-74.68	0.034	20	Pass
NVNT	b	2442	Ant2	30-1000	767.2	-82.85	0.0052	4	Pass
NVNT	b	2442	Ant2	1000-13000	6592	-76.41	0.0229	20	Pass
NVNT	b	2472	Ant2	30-1000	767.2	-85.2	0.003	4	Pass
NVNT	b	2472	Ant2	1000-13000	6592	-76.52	0.0223	20	Pass
NVNT	g	2412	Ant1	30-1000	948.59	-84.24	0.0038	4	Pass
NVNT	g	2412	Ant1	1000-13000	6592	-70.76	0.0839	20	Pass
NVNT	g	2442	Ant1	30-1000	767.2	-82.06	0.0062	4	Pass
NVNT	g	2442	Ant1	1000-13000	6592	-70.73	0.0845	20	Pass
NVNT	g	2472	Ant1	30-1000	771.08	-84.63	0.0034	4	Pass
NVNT	g	2472	Ant1	1000-13000	6592	-70.67	0.0857	20	Pass
NVNT	g	2412	Ant2	30-1000	767.2	-84.49	0.0036	4	Pass
NVNT	g	2412	Ant2	1000-13000	6592	-76.29	0.0235	20	Pass
NVNT	g	2442	Ant2	30-1000	767.2	-85.53	0.0028	4	Pass
NVNT	g	2442	Ant2	1000-13000	6592	-76.45	0.0226	20	Pass
NVNT	g	2472	Ant2	30-1000	767.2	-84.53	0.0035	4	Pass
NVNT	g	2472	Ant2	1000-13000	6592	-76.44	0.0227	20	Pass
NVNT	n20	2412	Ant1	30-1000	767.2	-83.81	0.0042	4	Pass
NVNT	n20	2412	Ant1	1000-13000	6592	-70.82	0.0828	20	Pass
NVNT	n20	2442	Ant1	30-1000	159.98	-84.97	0.0032	4	Pass
NVNT	n20	2442	Ant1	1000-13000	2476	-66.11	0.2449	20	Pass
NVNT	n20	2472	Ant1	30-1000	767.2	-83.87	0.0041	4	Pass
NVNT	n20	2472	Ant1	1000-13000	6592	-70.72	0.0847	20	Pass
NVNT	n20	2412	Ant2	30-1000	767.2	-84.64	0.0034	4	Pass
NVNT	n20	2412	Ant2	1000-13000	6592	-76.45	0.0226	20	Pass
NVNT	n20	2442	Ant2	30-1000	767.2	-84.87	0.0033	4	Pass
NVNT	n20	2442	Ant2	1000-13000	6592	-76.57	0.022	20	Pass
NVNT	n20	2472	Ant2	30-1000	767.2	-84.41	0.0036	4	Pass
NVNT	n20	2472	Ant2	1000-13000	6592	-76.64	0.0217	20	Pass
NVNT	n40	2422	Ant1	30-1000	767.2	-84.36	0.0037	4	Pass
NVNT	n40	2422	Ant1	1000-13000	6592	-70.75	0.0841	20	Pass
NVNT	n40	2442	Ant1	30-1000	159.98	-85.14	0.0031	4	Pass
NVNT	n40	2442	Ant1	1000-13000	6592	-70.66	0.0859	20	Pass
NVNT	n40	2462	Ant1	30-1000	159.98	-84.98	0.0032	4	Pass
NVNT	n40	2462	Ant1	1000-13000	3592	-69.33	0.1167	20	Pass
NVNT	n40	2422	Ant2	30-1000	766.23	-84.75	0.0033	4	Pass
NVNT	n40	2422	Ant2	1000-13000	6592	-76.25	0.0237	20	Pass
NVNT	n40	2442	Ant2	30-1000	767.2	-84.5	0.0035	4	Pass
NVNT	n40	2442	Ant2	1000-13000	6592	-76.33	0.0233	20	Pass
NVNT	n40	2462	Ant2	30-1000	767.2	-84.31	0.0037	4	Pass
NVNT	n40	2462	Ant2	1000-13000	2416	-73.61	0.0436	20	Pass

Note : The emissions of ANT 1& ANT 2 both have 3dB margin for the limits, so the MIMO test data is below the limits.

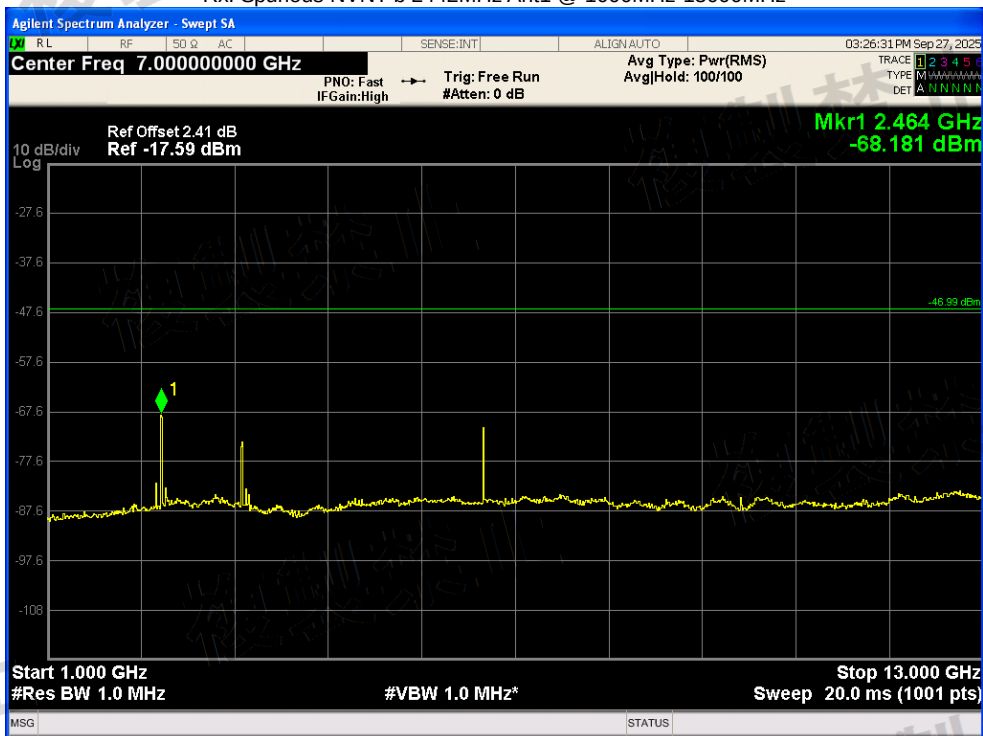
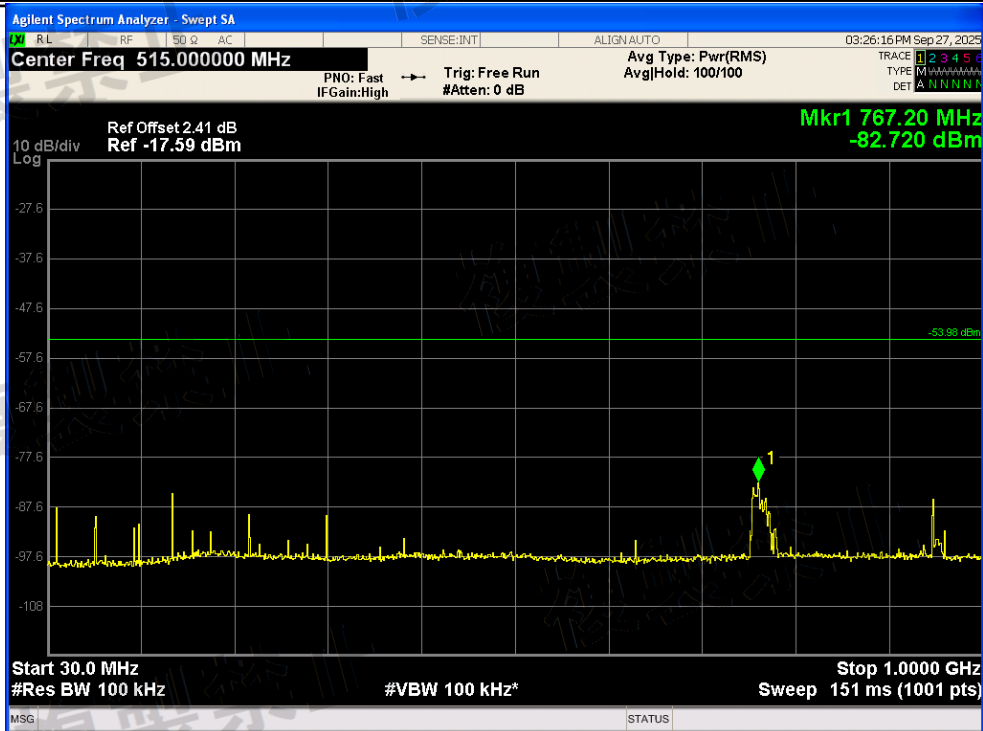
Rx. Spurious NVNT b 2412MHz Ant1 @ 30MHz-1000MHz

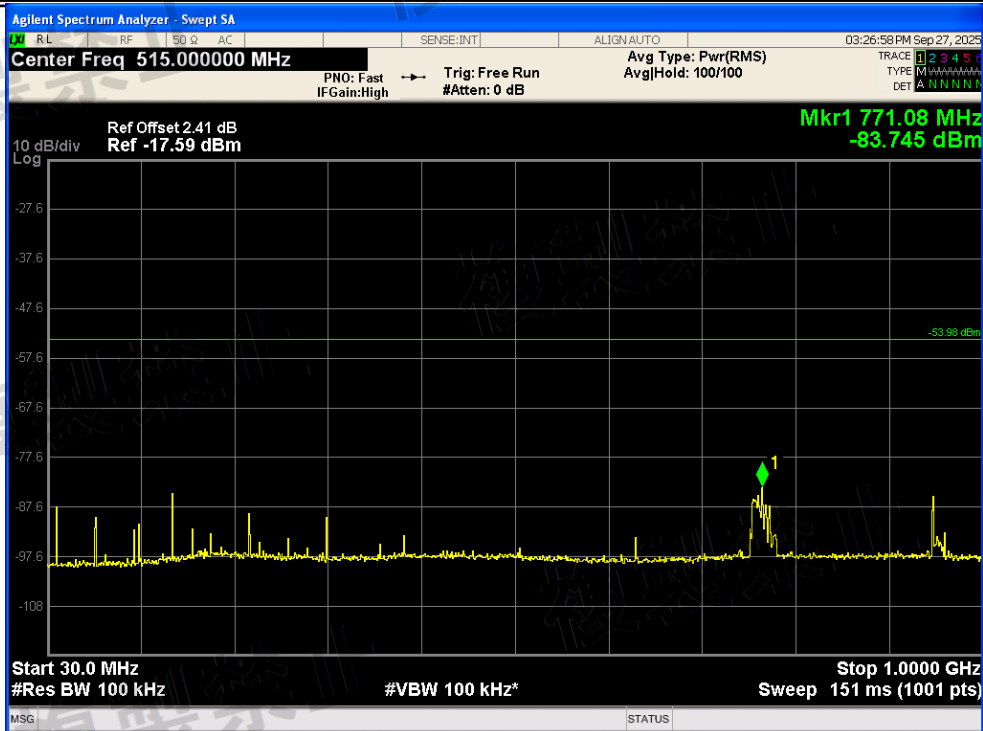


Rx. Spurious NVNT b 2412MHz Ant1 @ 1000MHz-13000MHz

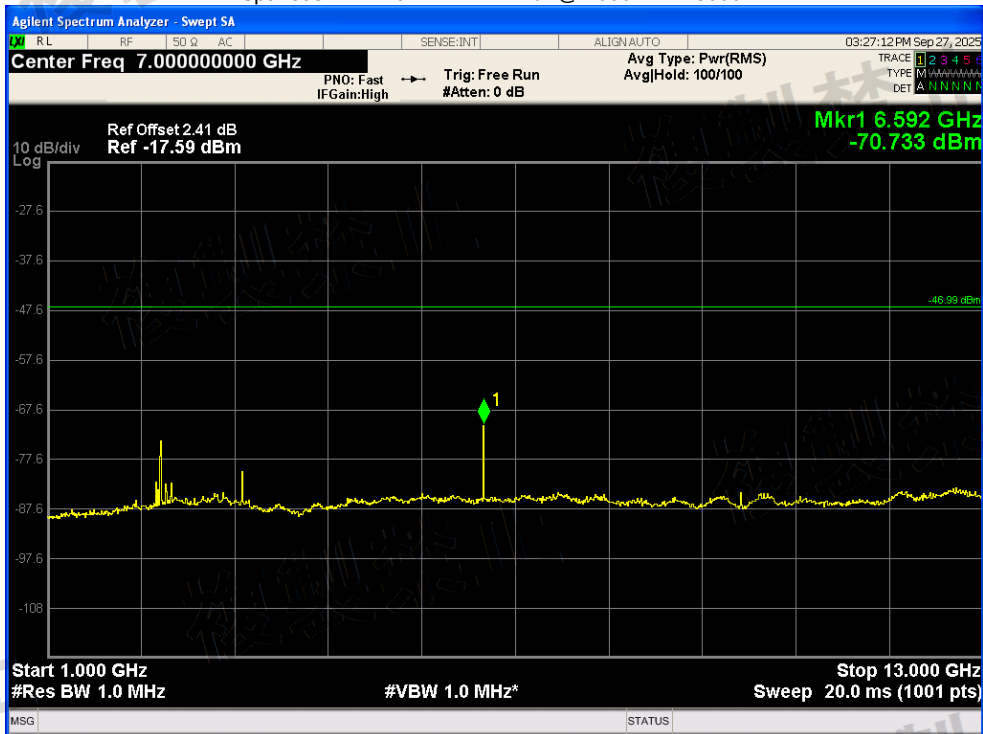


Rx. Spurious NVNT b 2442MHz Ant1 @ 30MHz-1000MHz

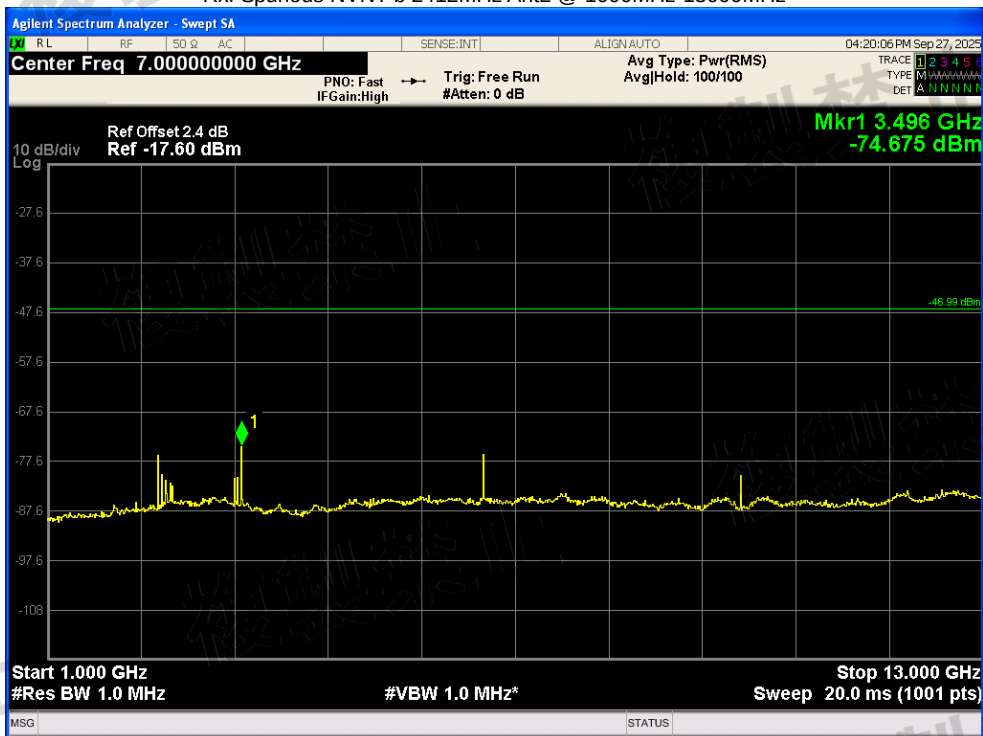
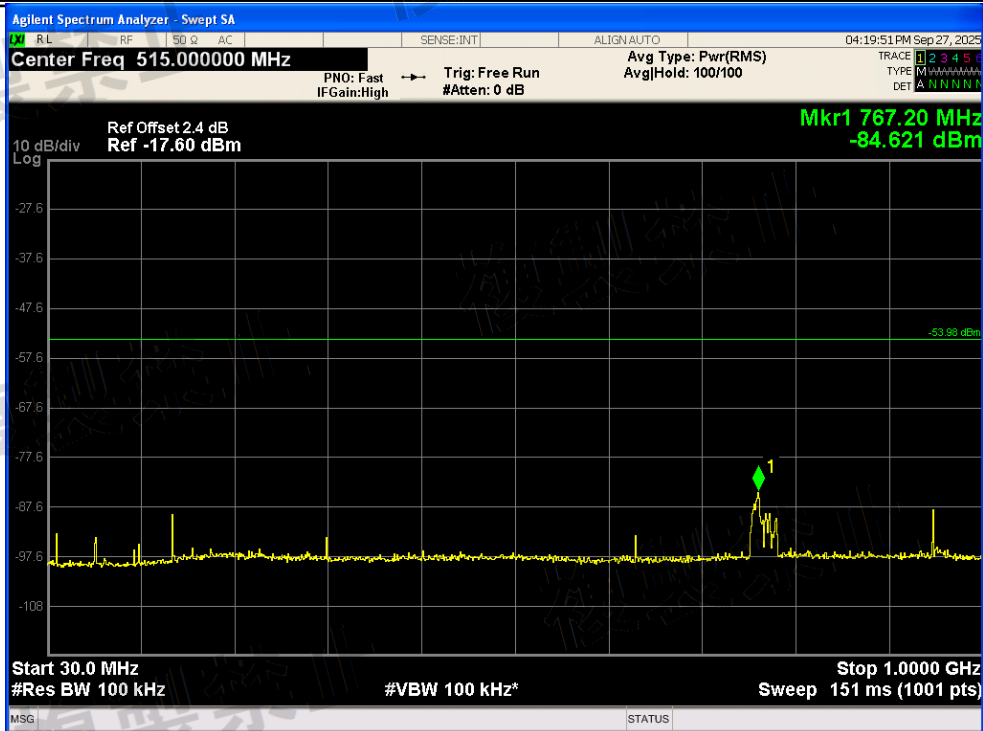


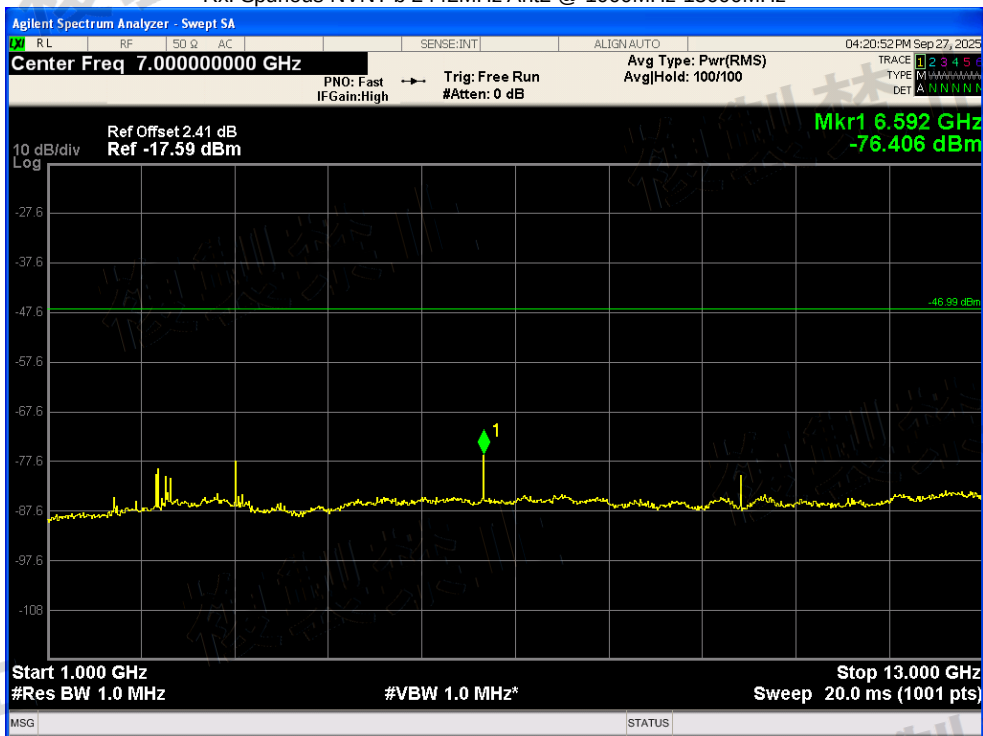
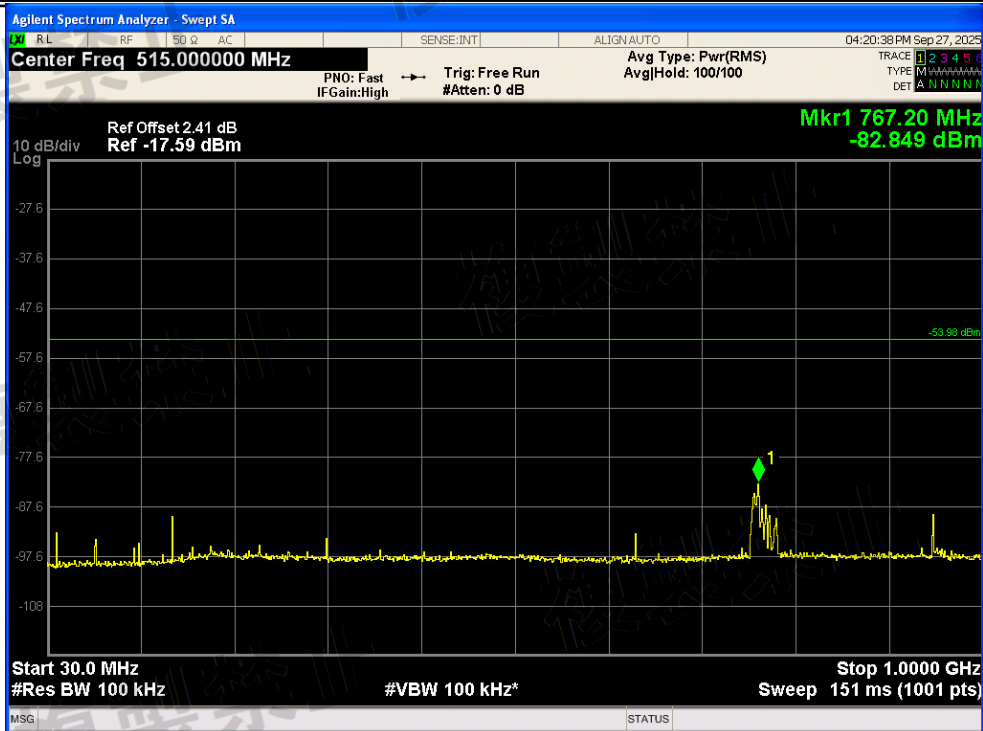


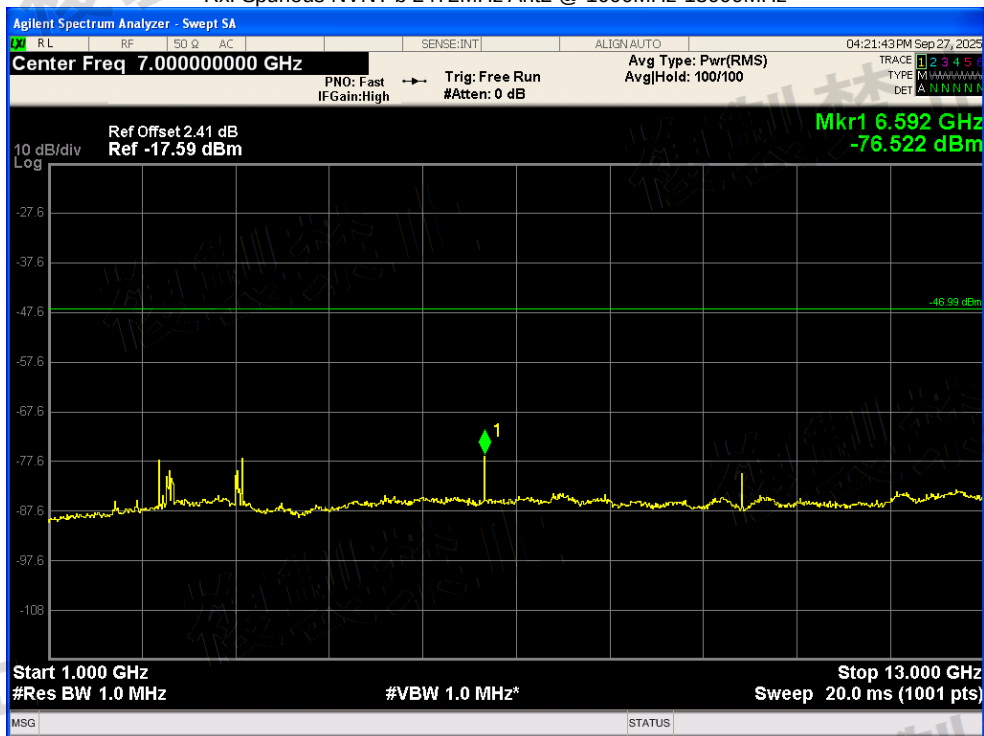
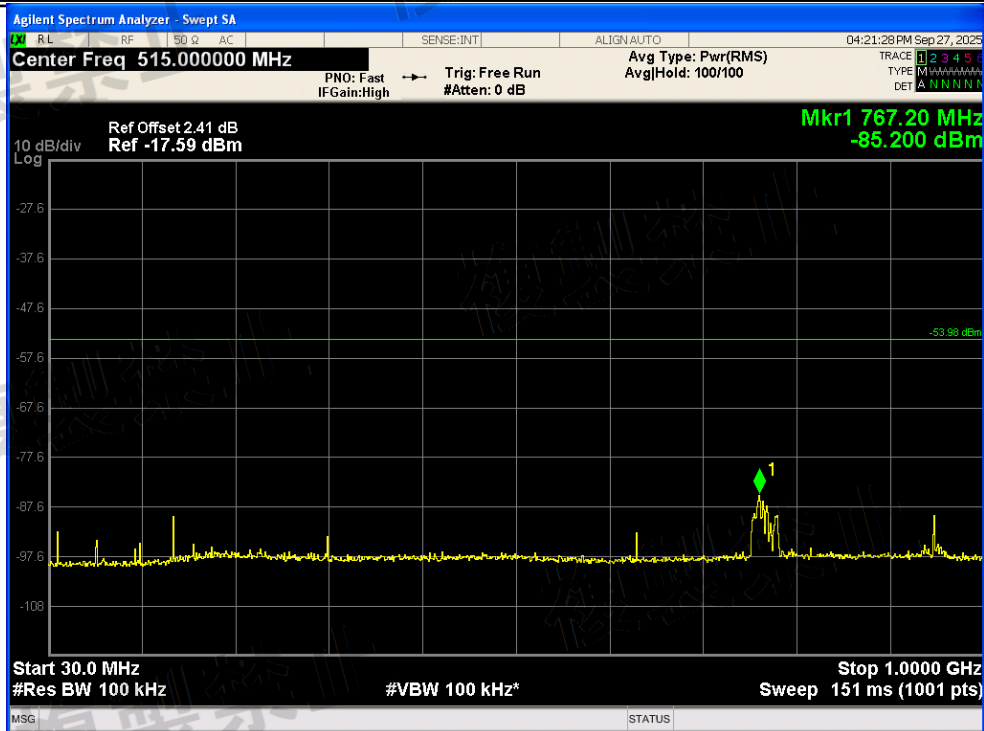
Rx. Spurious NVNT b 2472MHz Ant1 @ 1000MHz-13000MHz

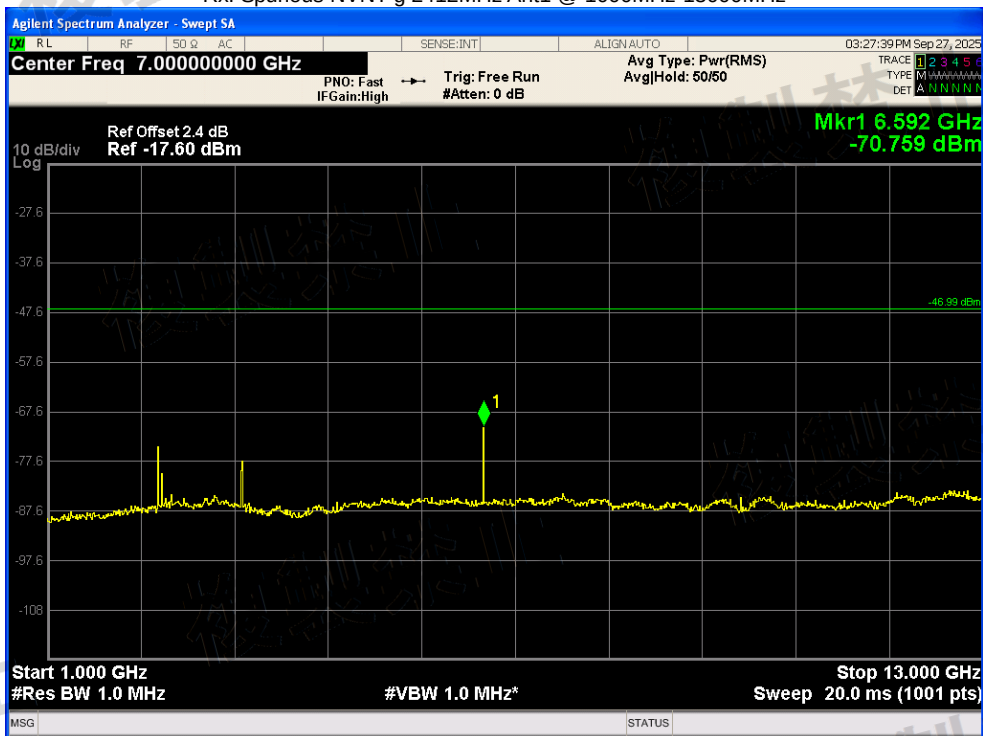
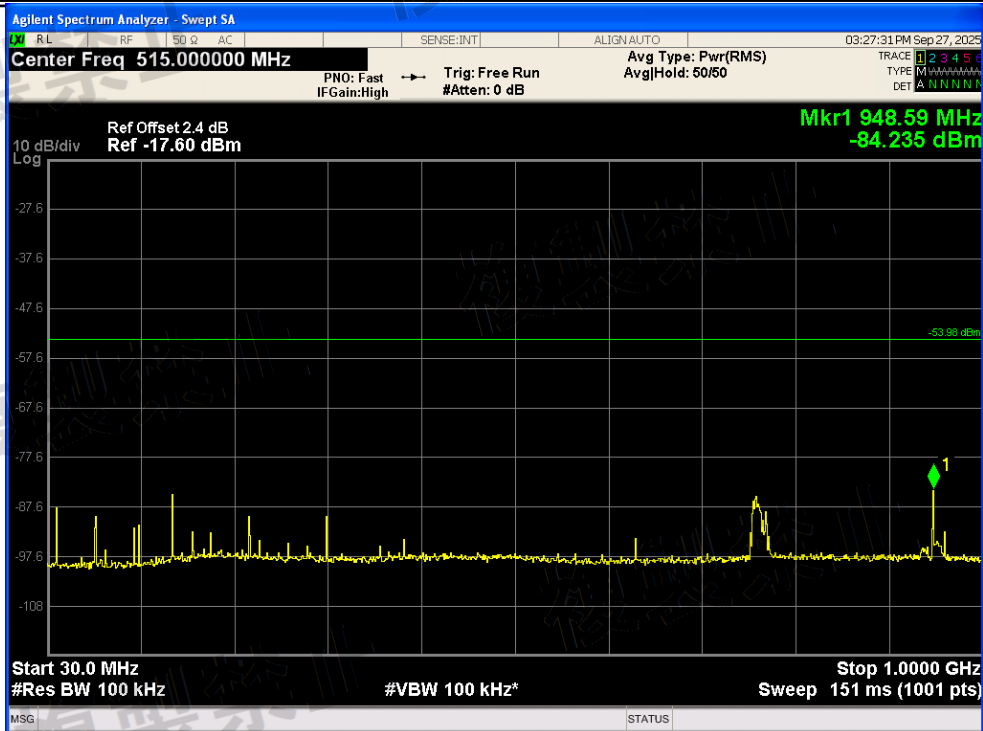


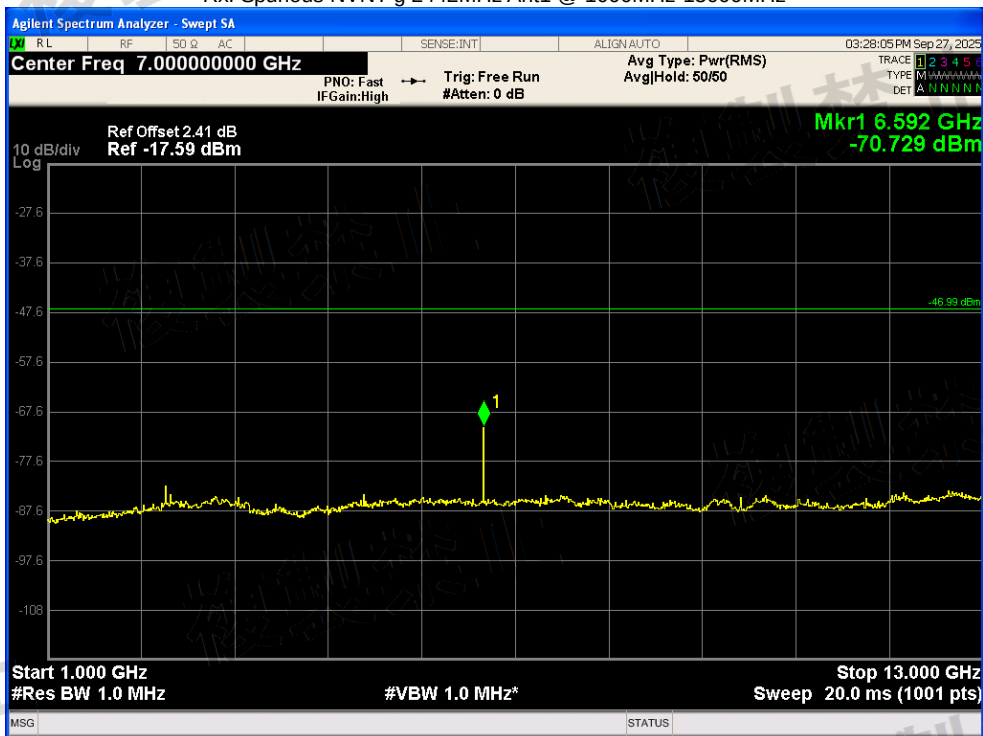
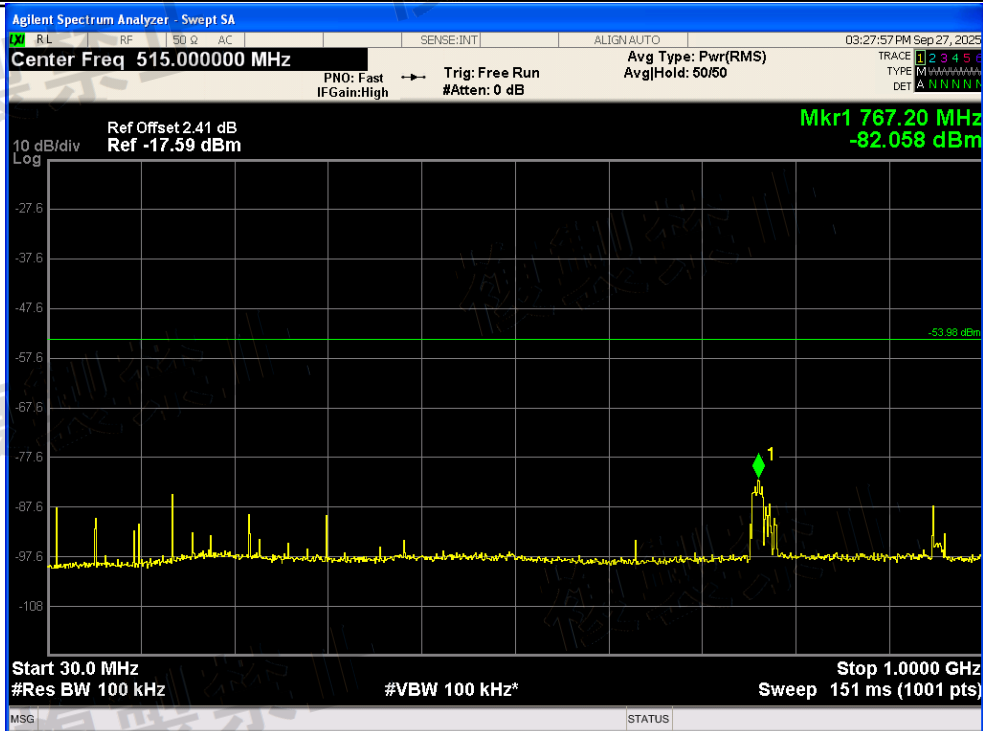
Rx. Spurious NVNT b 2412MHz Ant2 @ 30MHz-1000MHz

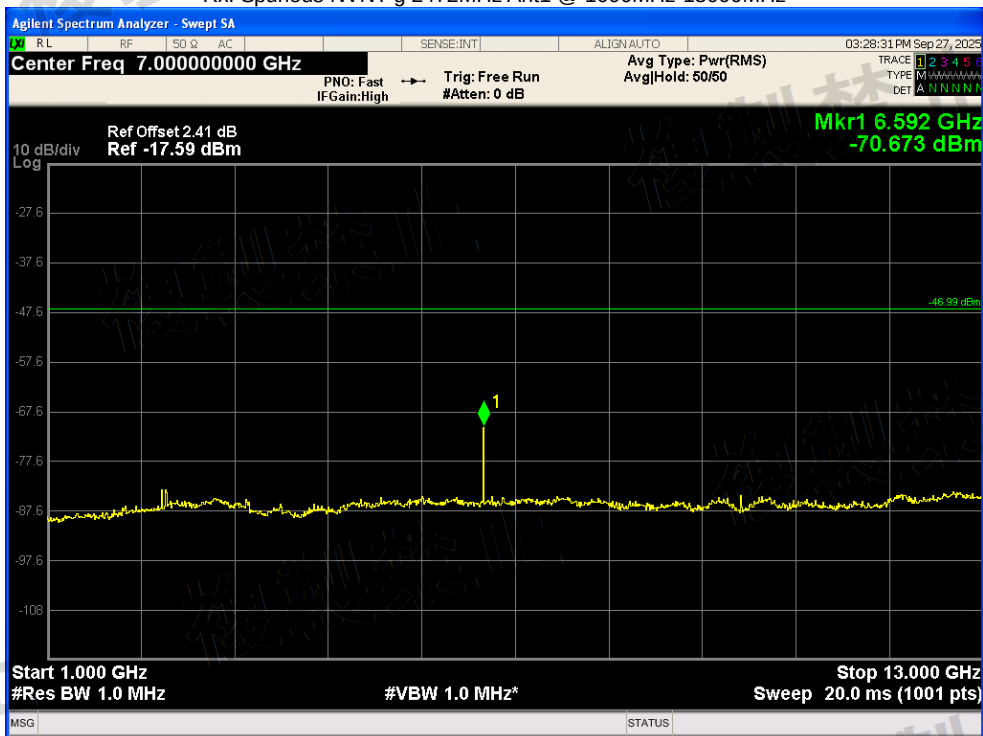
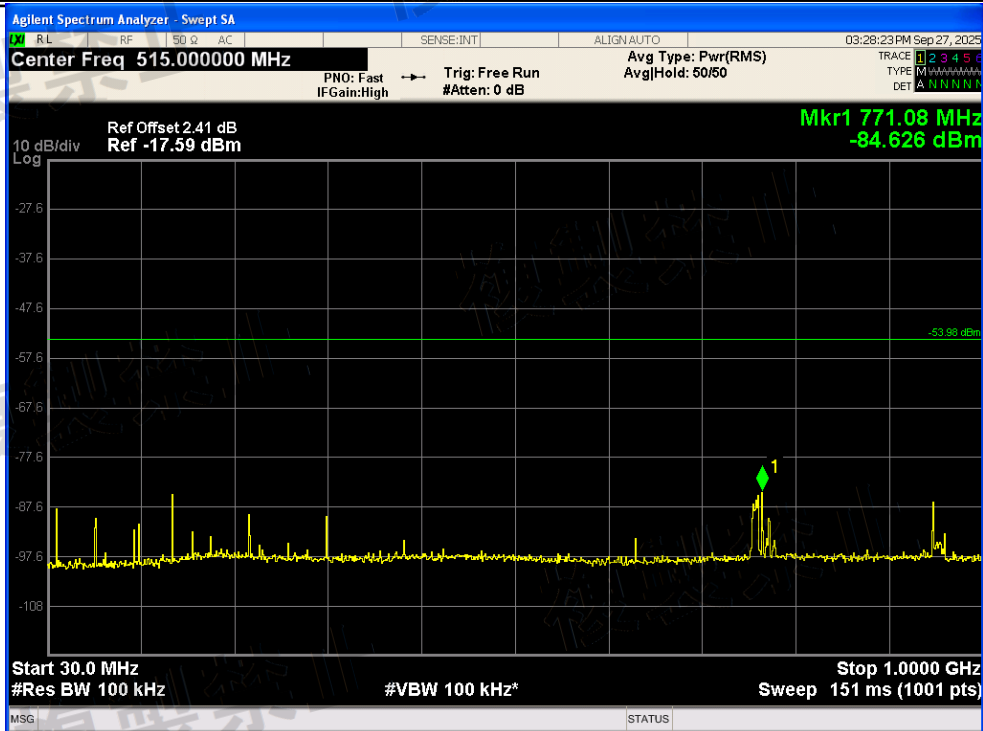


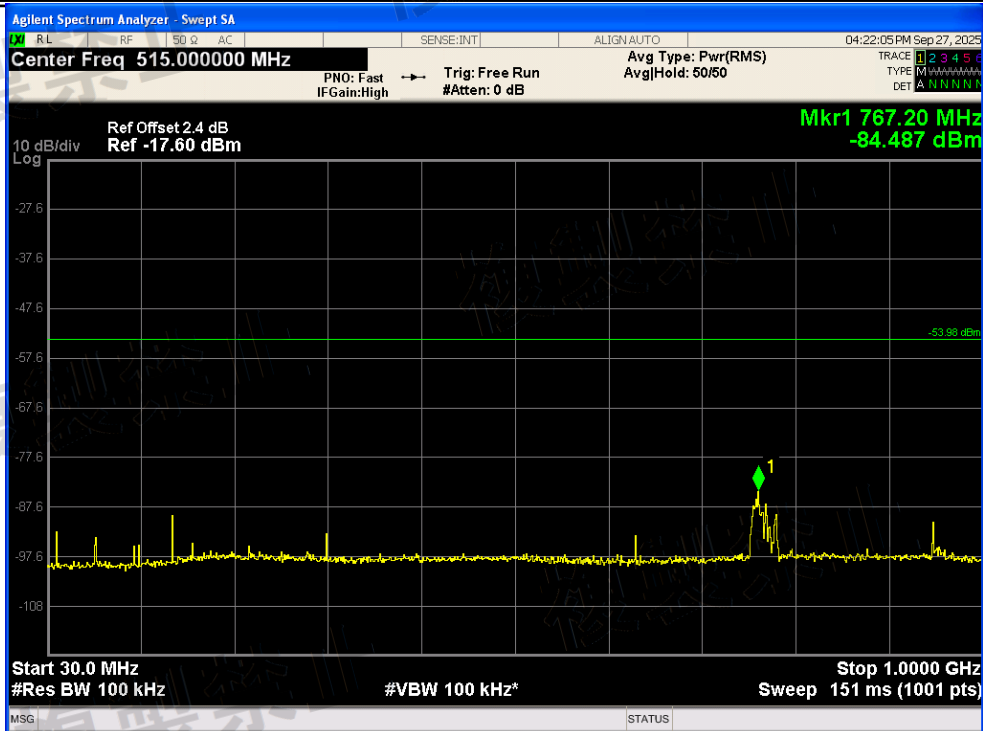




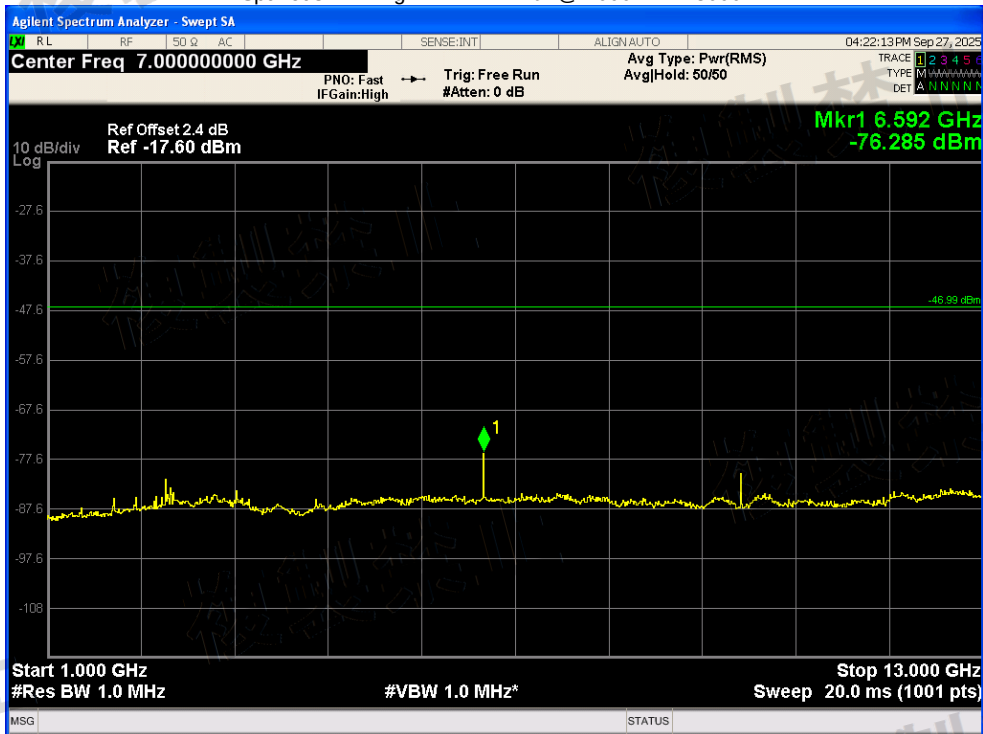




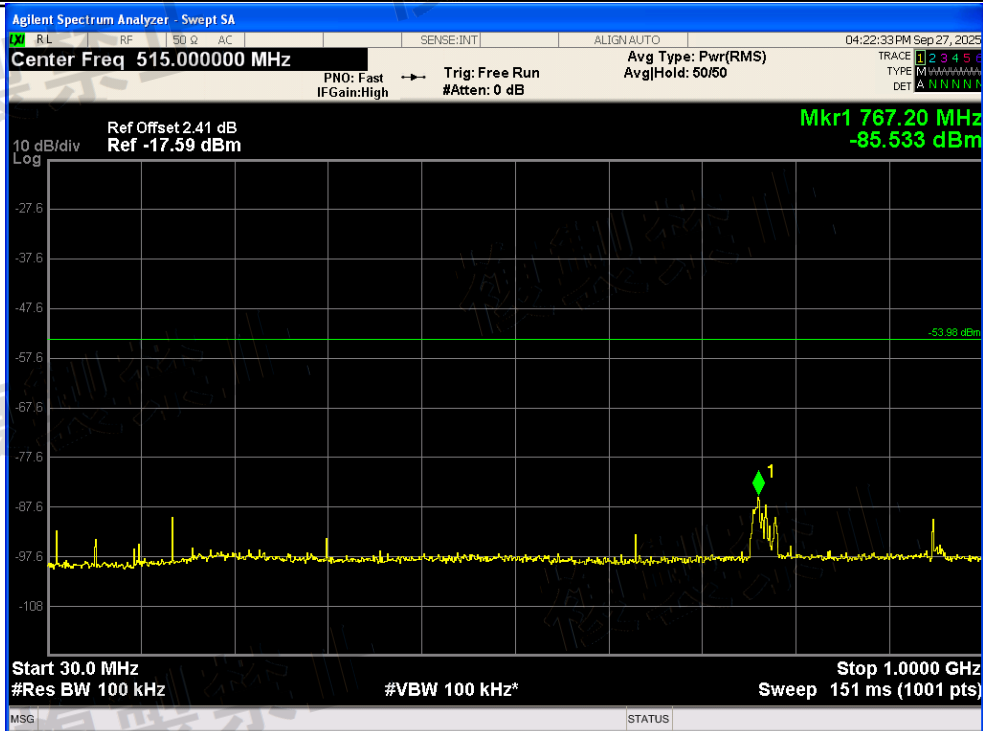




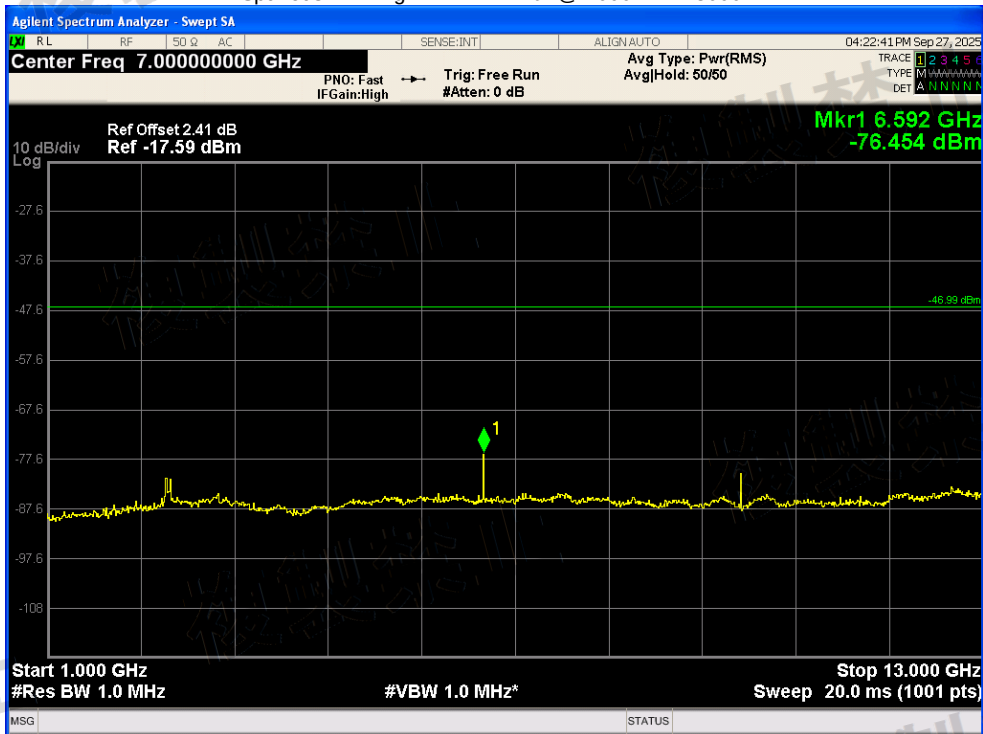
Rx. Spurious NVNT g 2412MHz Ant2 @ 1000MHz-13000MHz



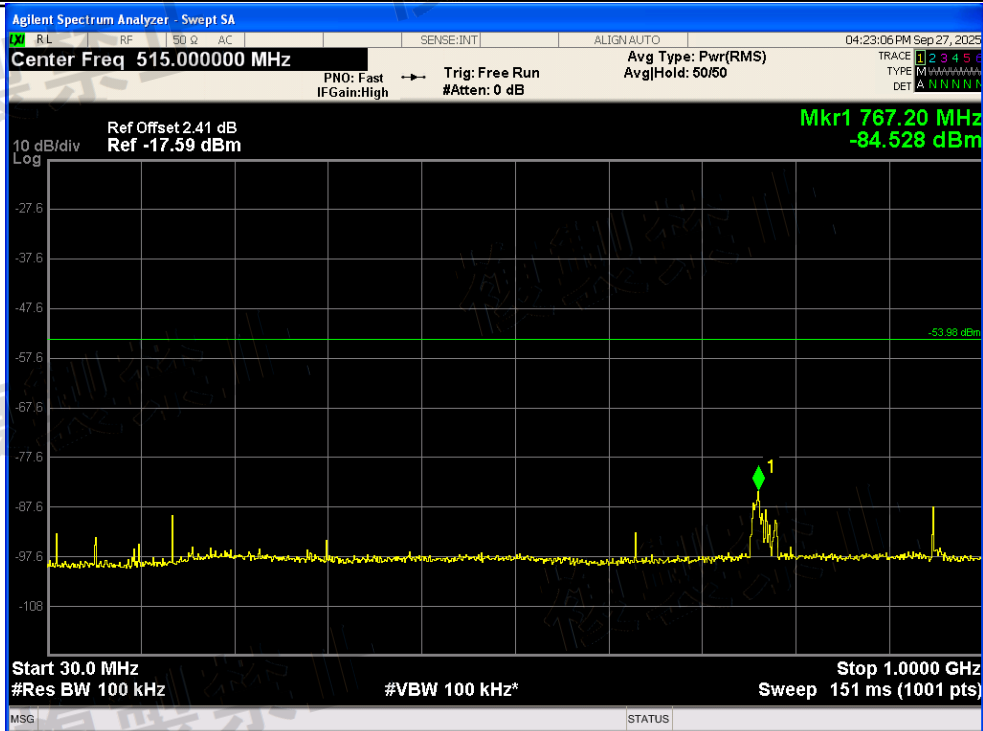
Rx. Spurious NVNT g 2442MHz Ant2 @ 30MHz-1000MHz



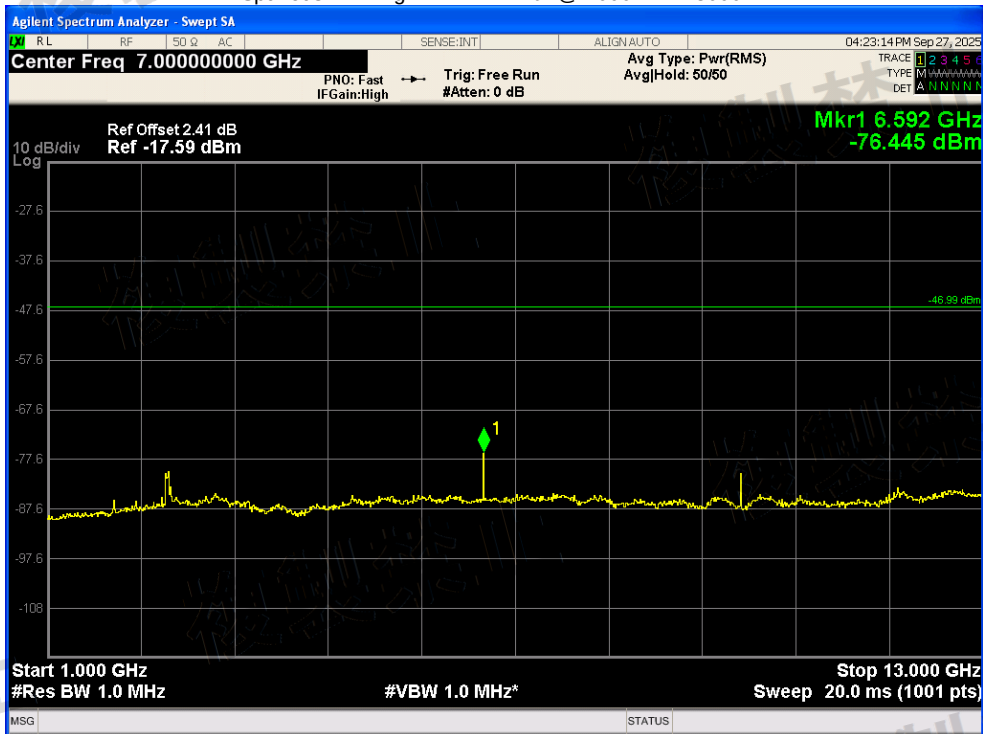
Rx. Spurious NVNT g 2442MHz Ant2 @ 1000MHz-13000MHz



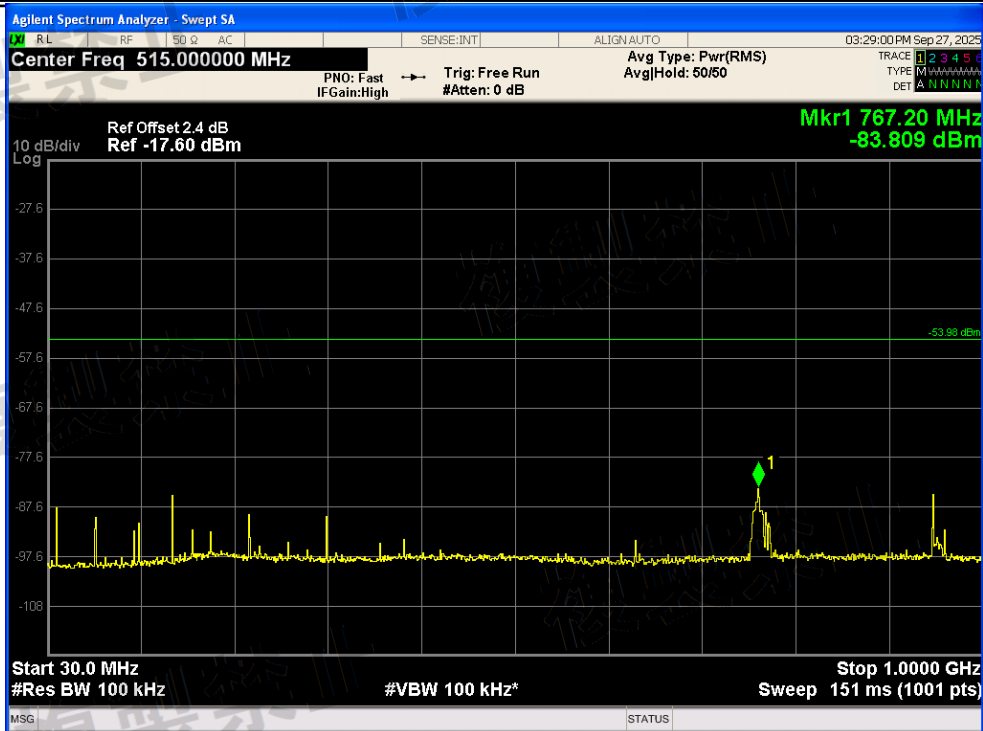
Rx. Spurious NVNT g 2472MHz Ant2 @ 30MHz-1000MHz



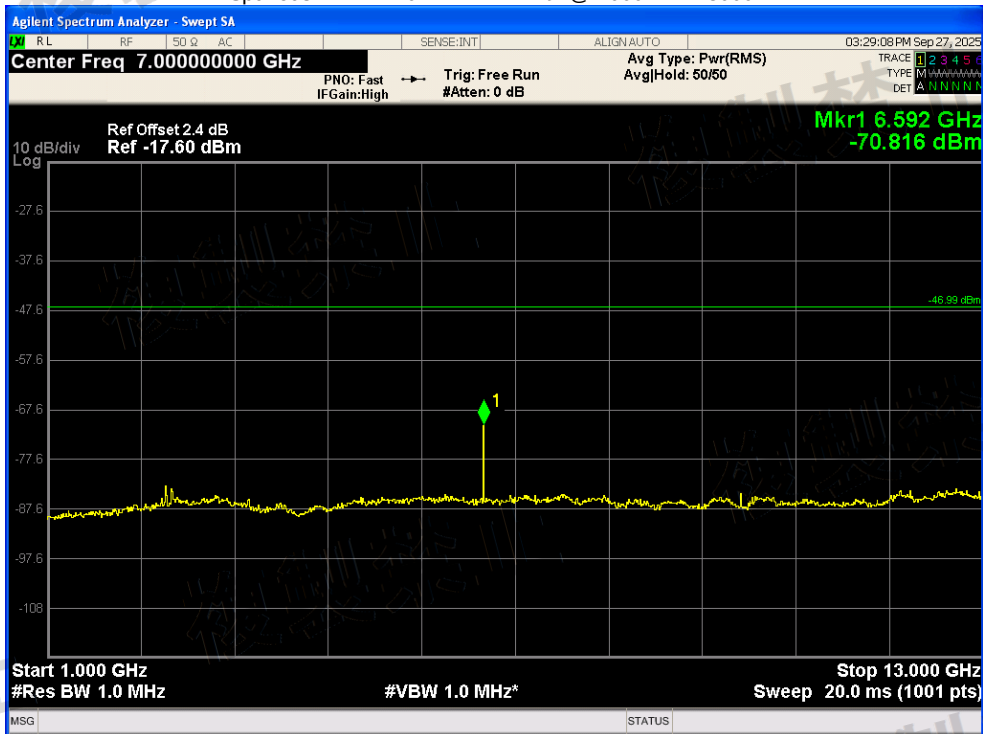
Rx. Spurious NVNT g 2472MHz Ant2 @ 1000MHz-13000MHz



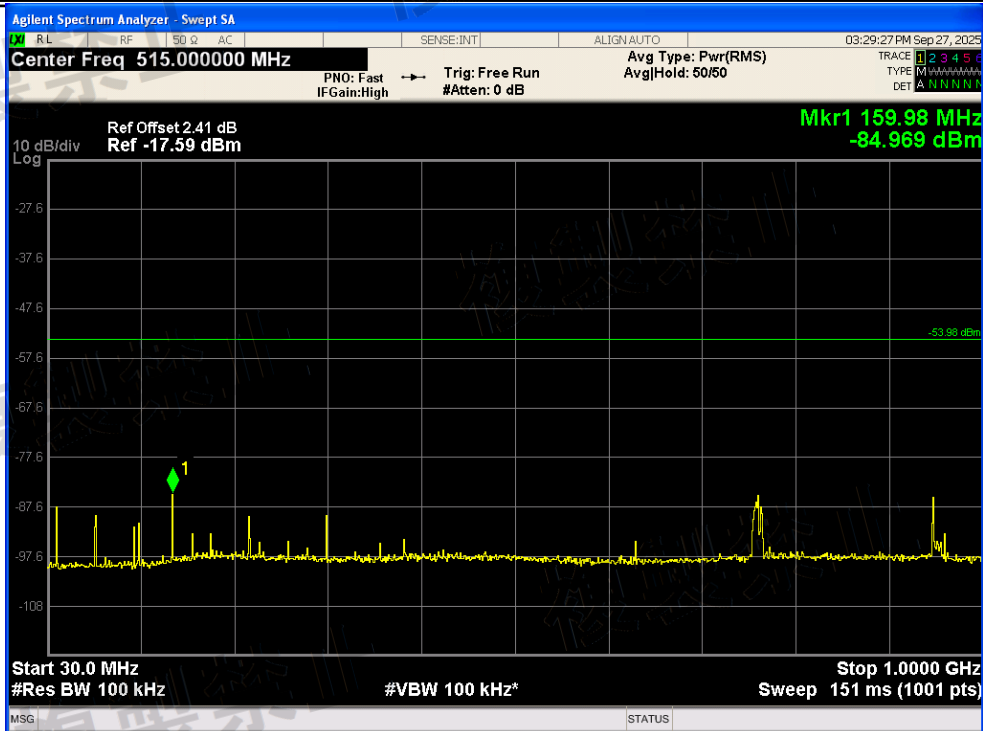
Rx. Spurious NVNT n20 2412MHz Ant1 @ 30MHz-1000MHz



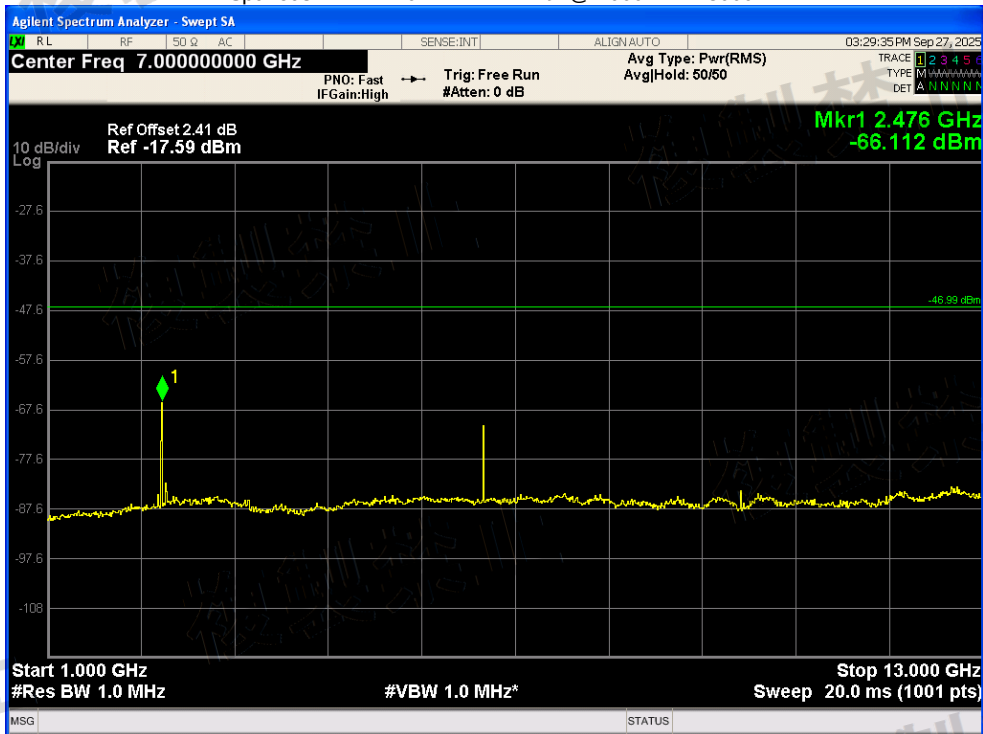
Rx. Spurious NVNT n20 2412MHz Ant1 @ 1000MHz-13000MHz



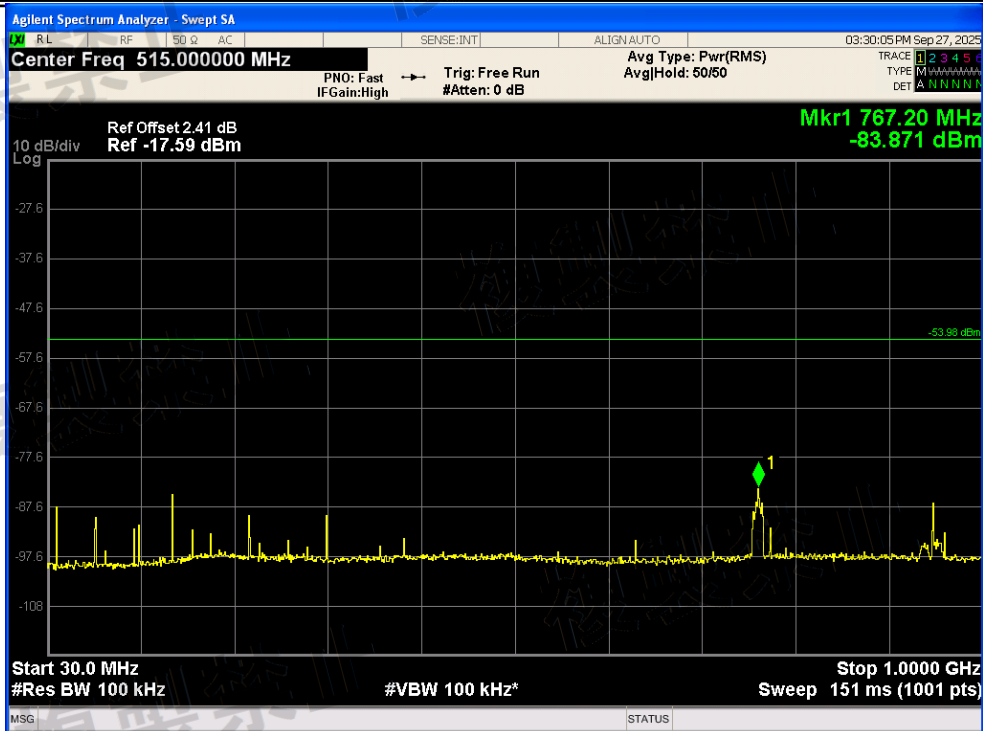
Rx. Spurious NVNT n20 2442MHz Ant1 @ 30MHz-1000MHz



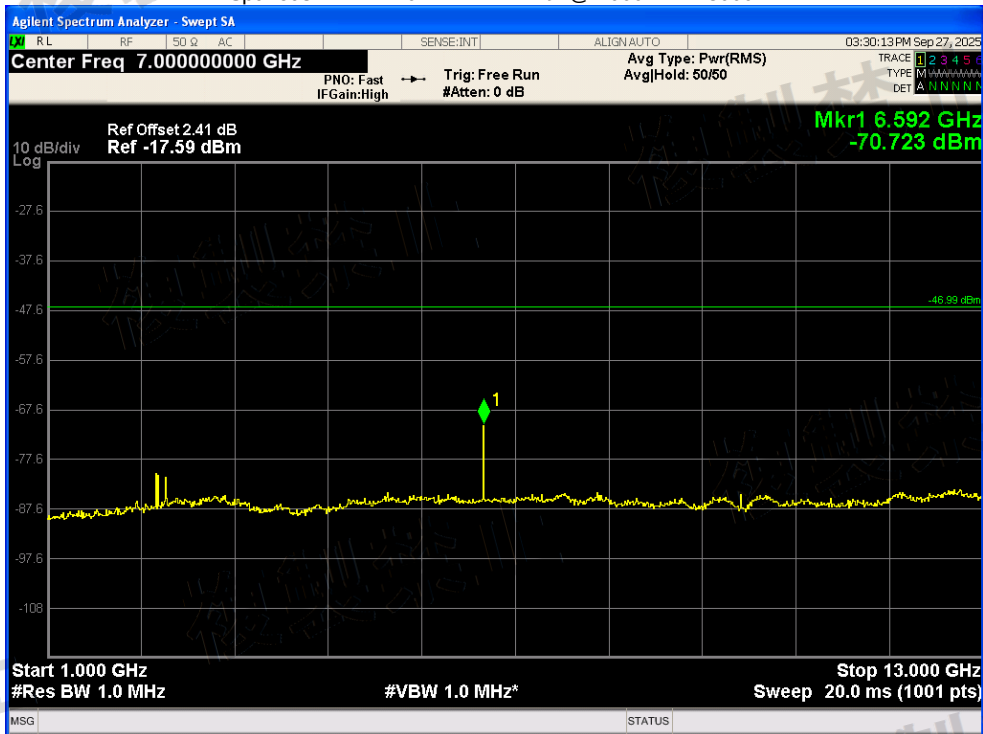
Rx. Spurious NVNT n20 2442MHz Ant1 @ 1000MHz-13000MHz



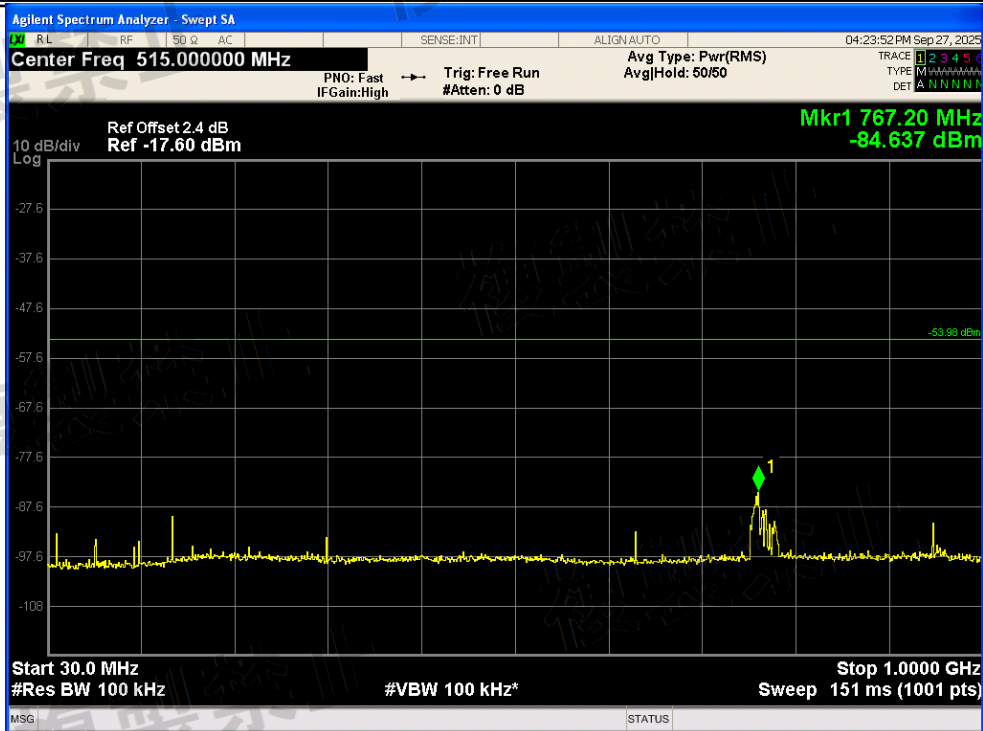
Rx. Spurious NVNT n20 2472MHz Ant1 @ 30MHz-1000MHz



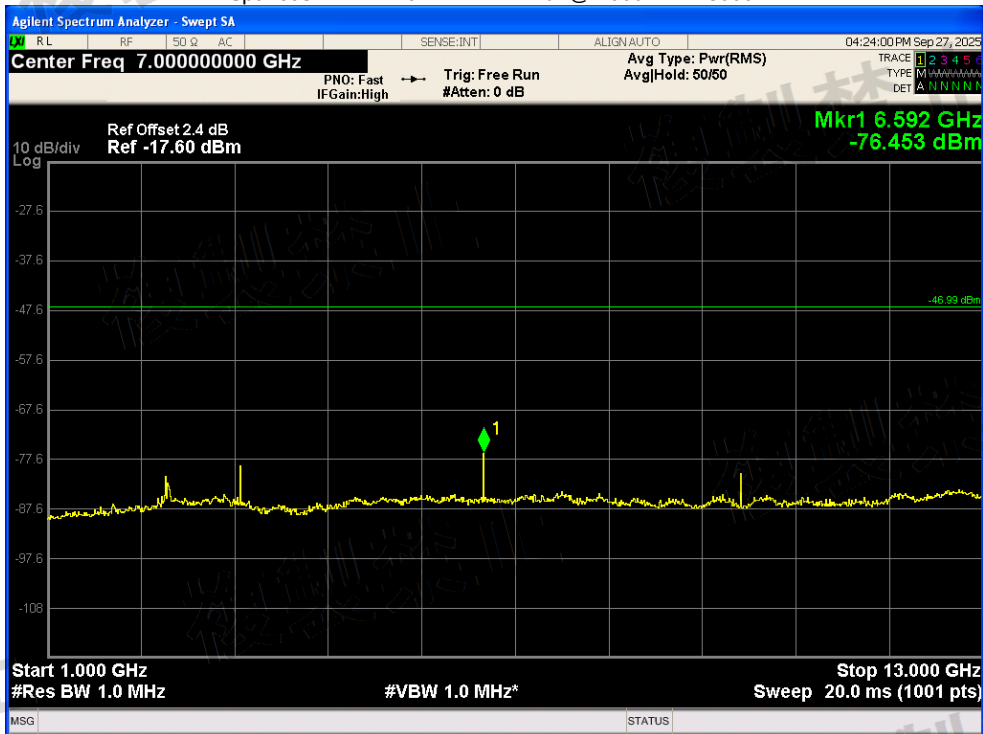
Rx. Spurious NVNT n20 2472MHz Ant1 @ 1000MHz-13000MHz



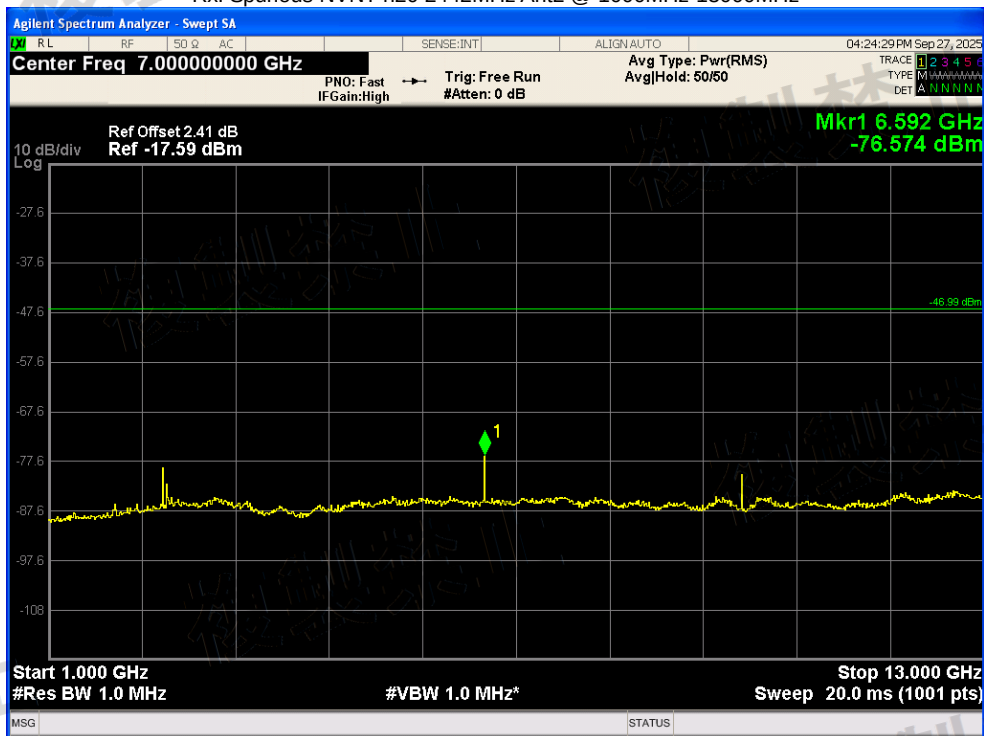
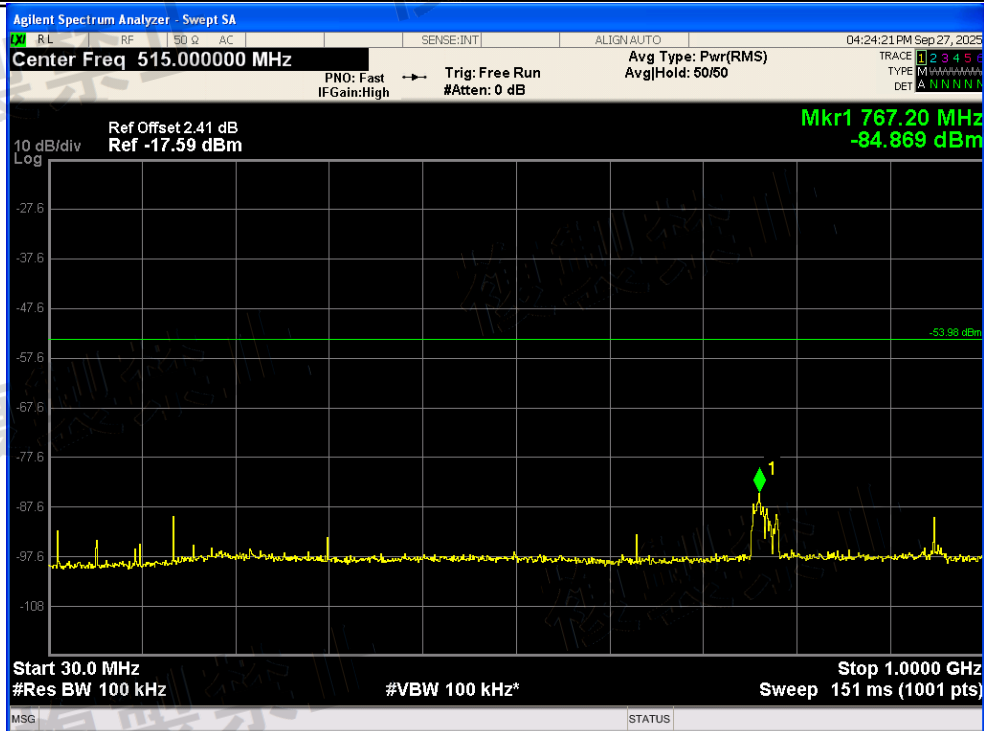
Rx. Spurious NVNT n20 2412MHz Ant2 @ 30MHz-1000MHz

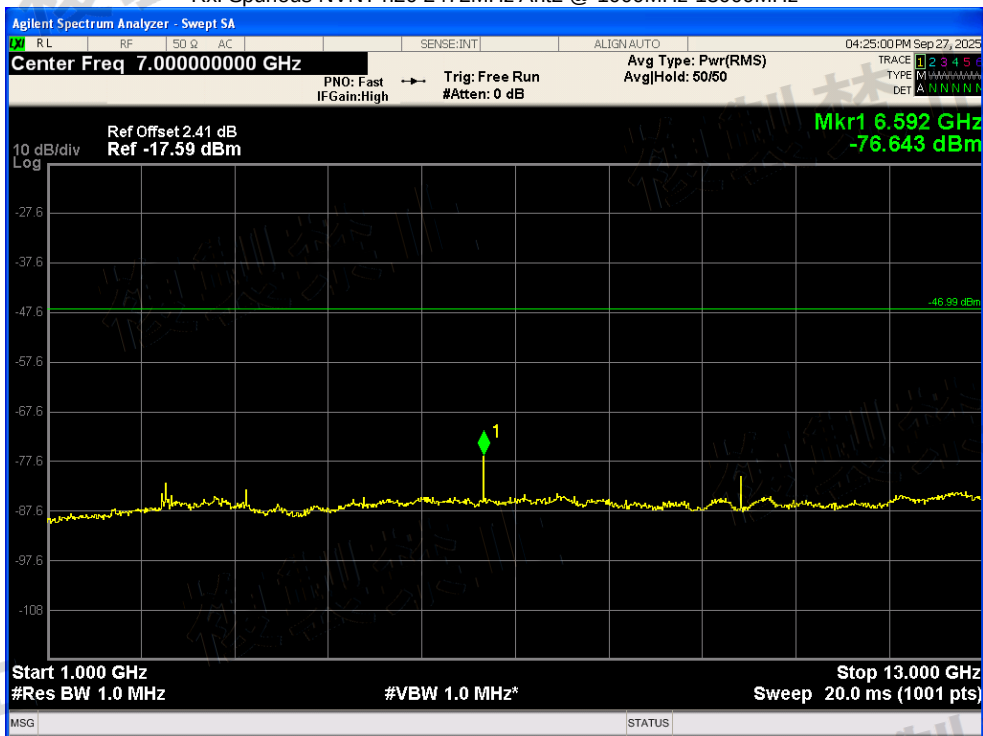
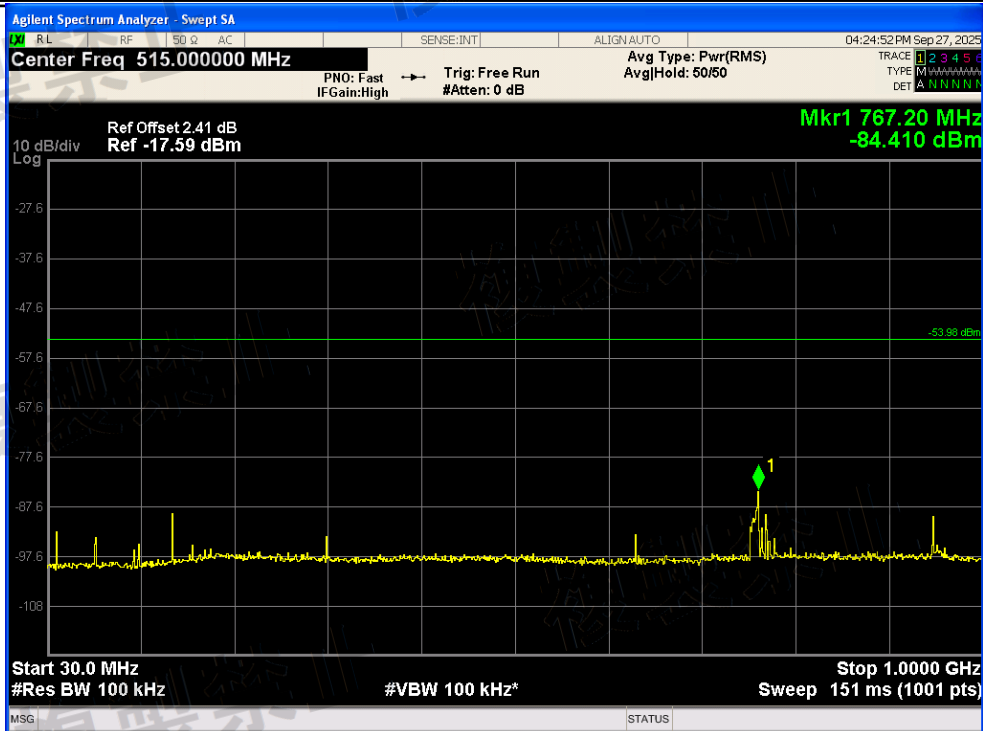


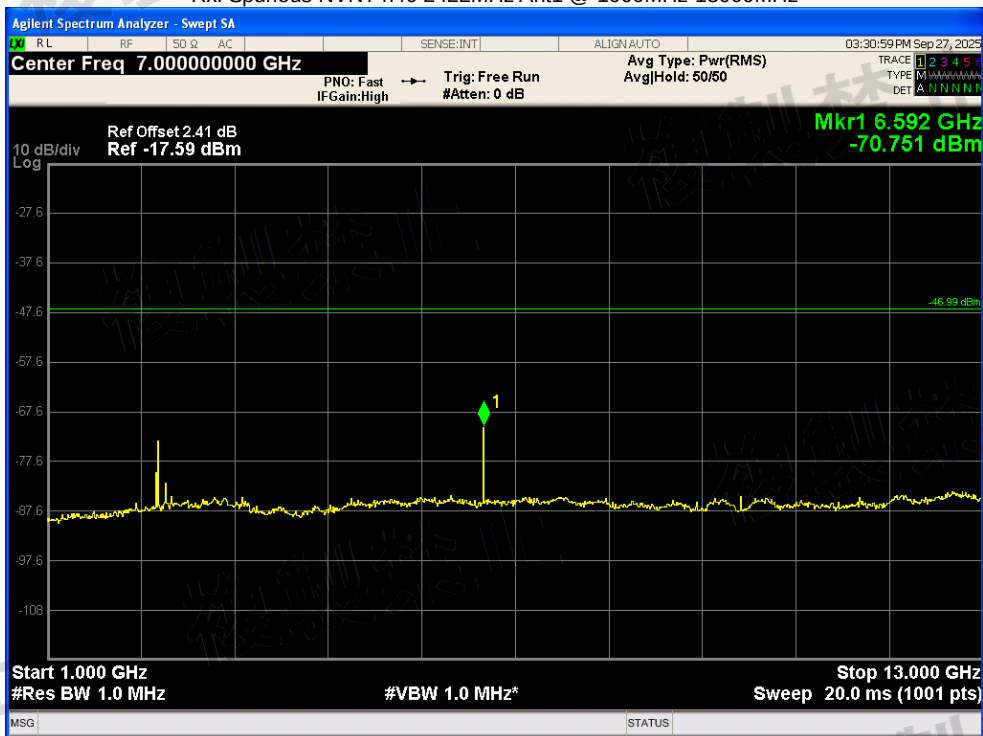
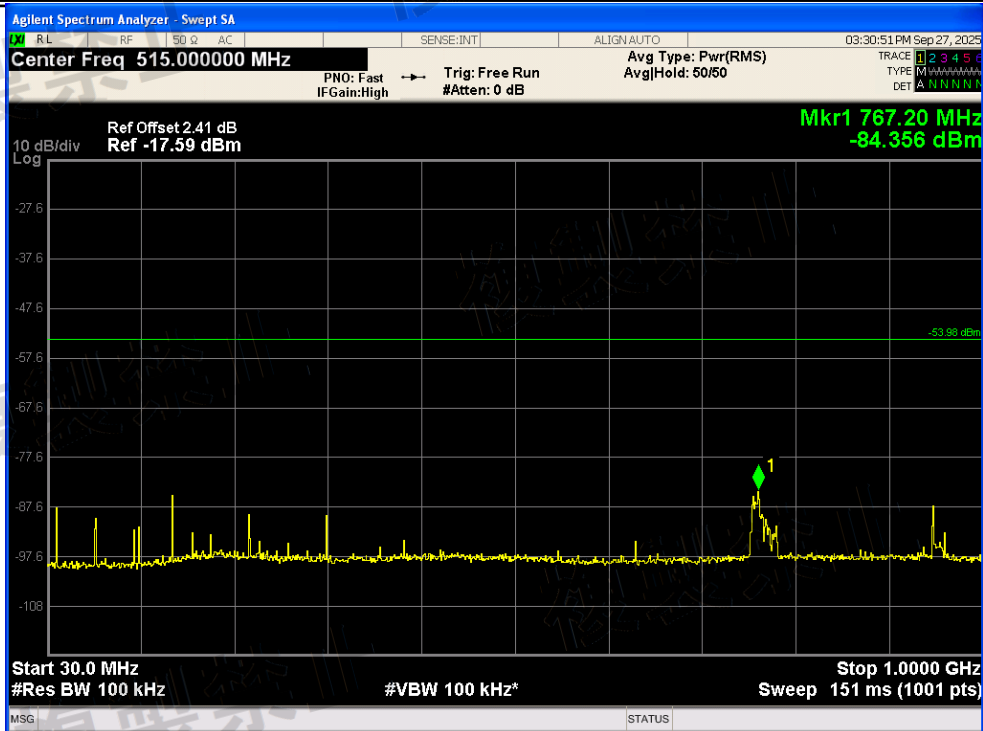
Rx. Spurious NVNT n20 2412MHz Ant2 @ 1000MHz-13000MHz

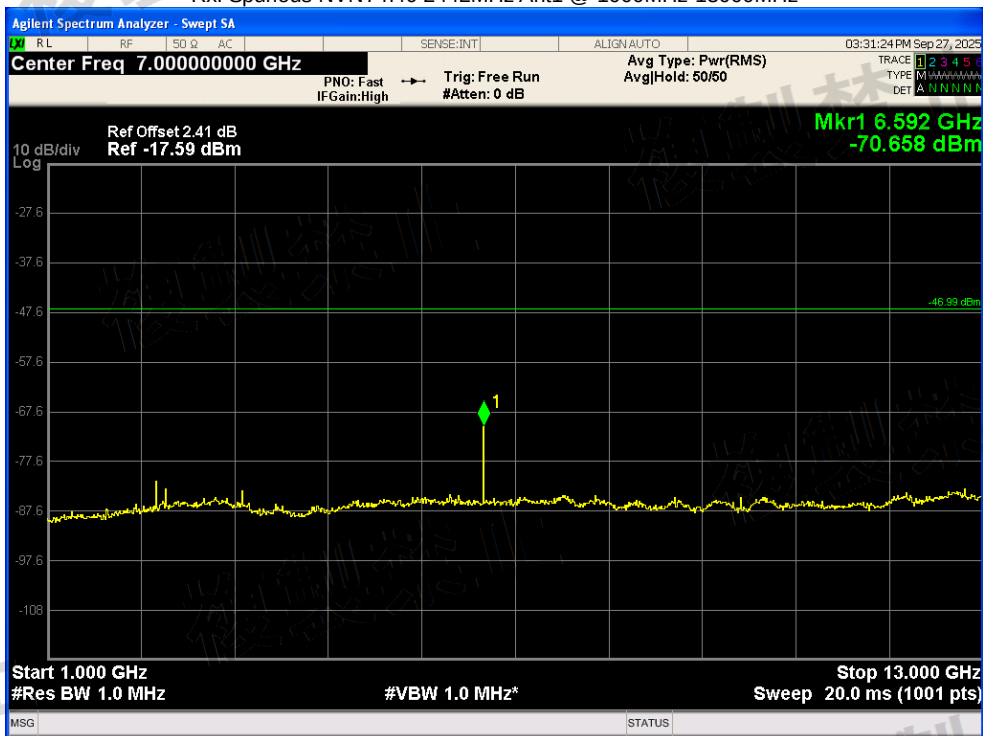
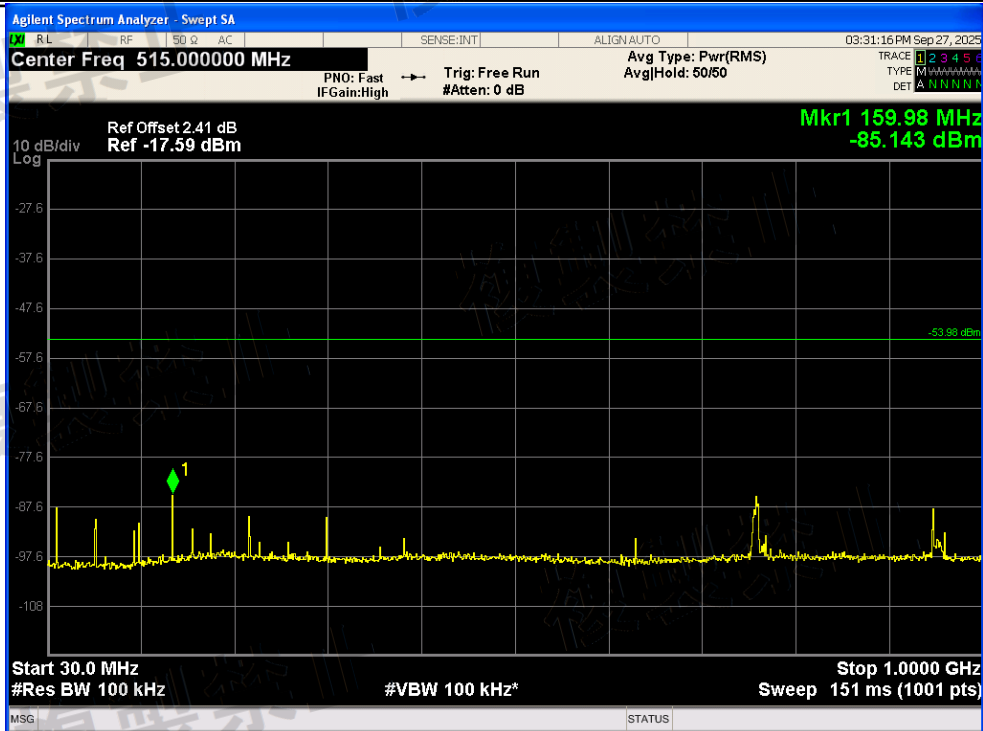


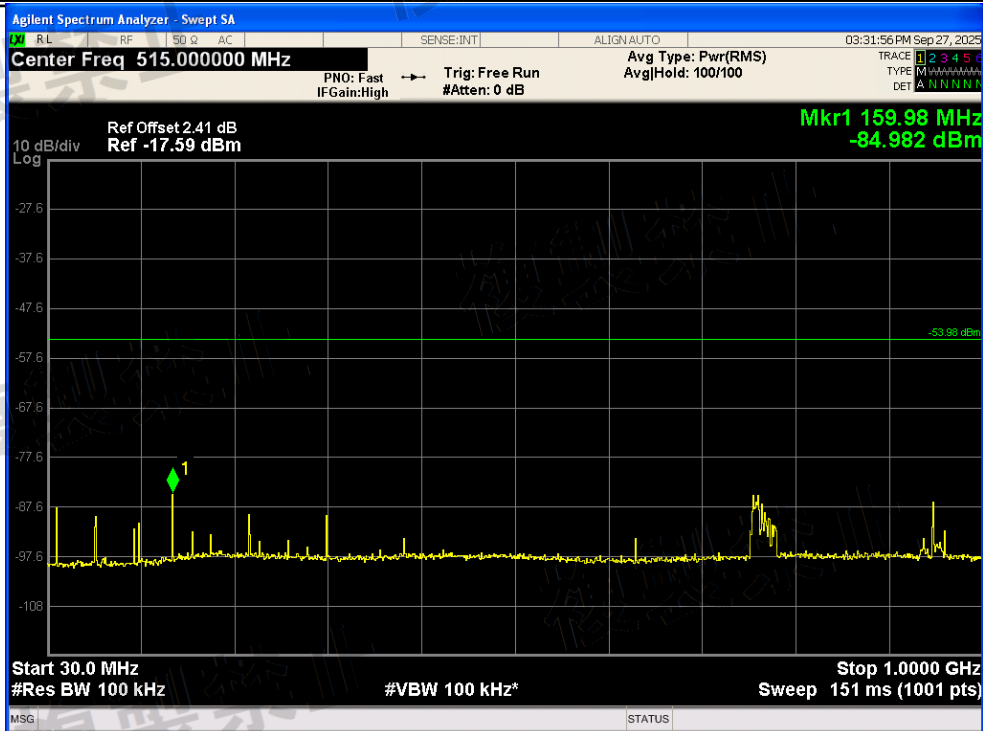
Rx. Spurious NVNT n20 2442MHz Ant2 @ 30MHz-1000MHz



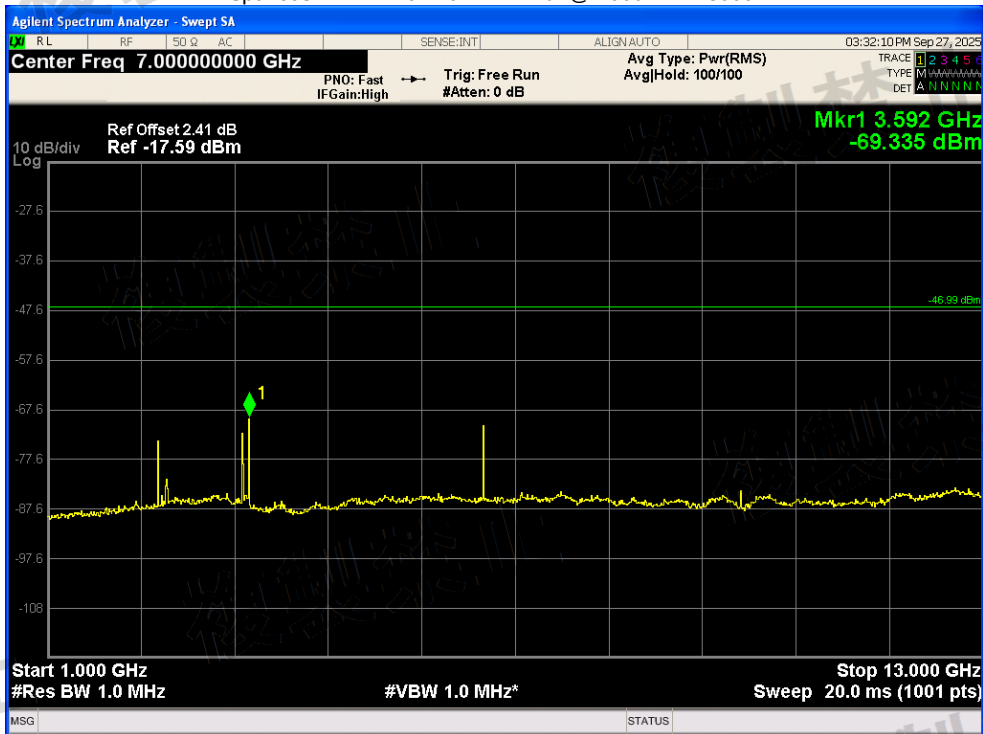




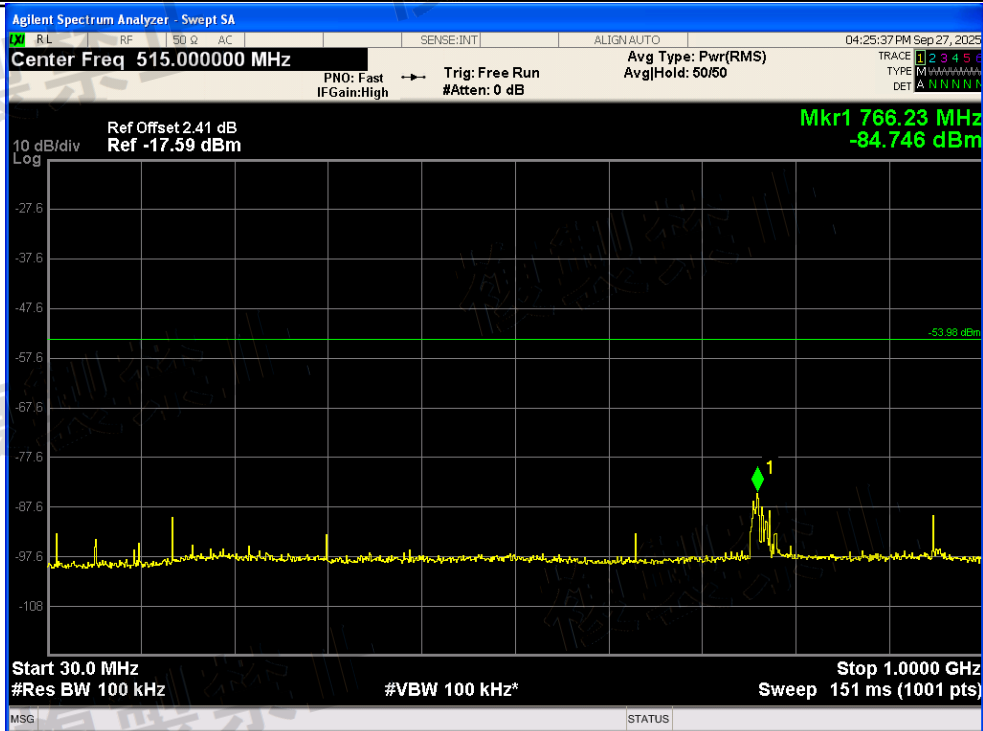




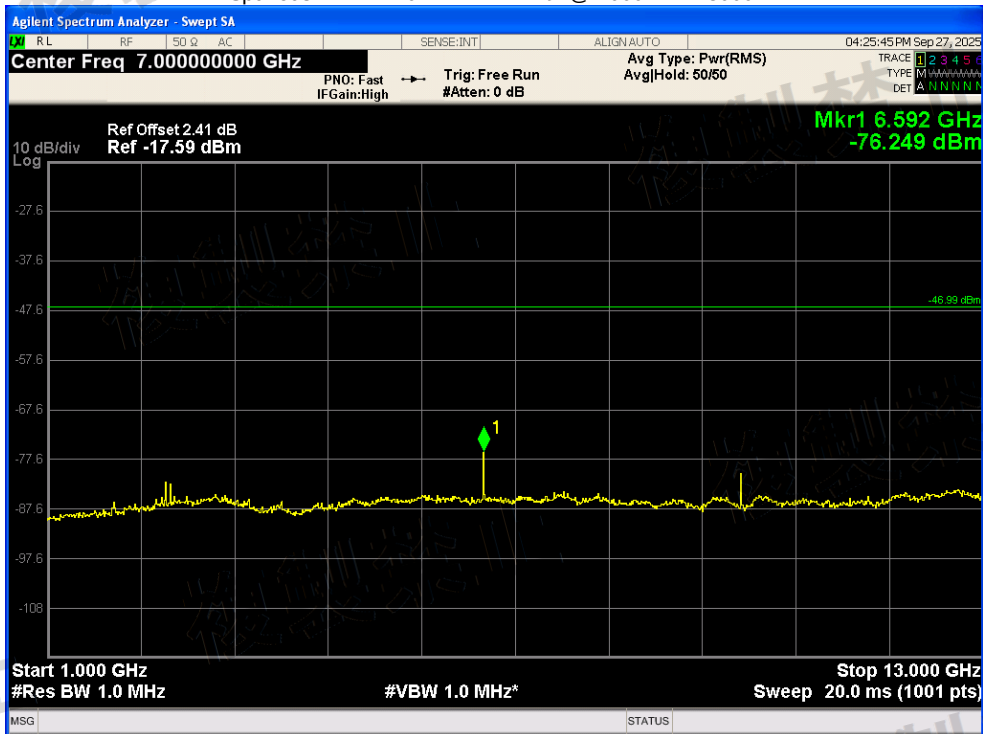
Rx. Spurious NVNT n40 2462MHz Ant1 @ 1000MHz-13000MHz



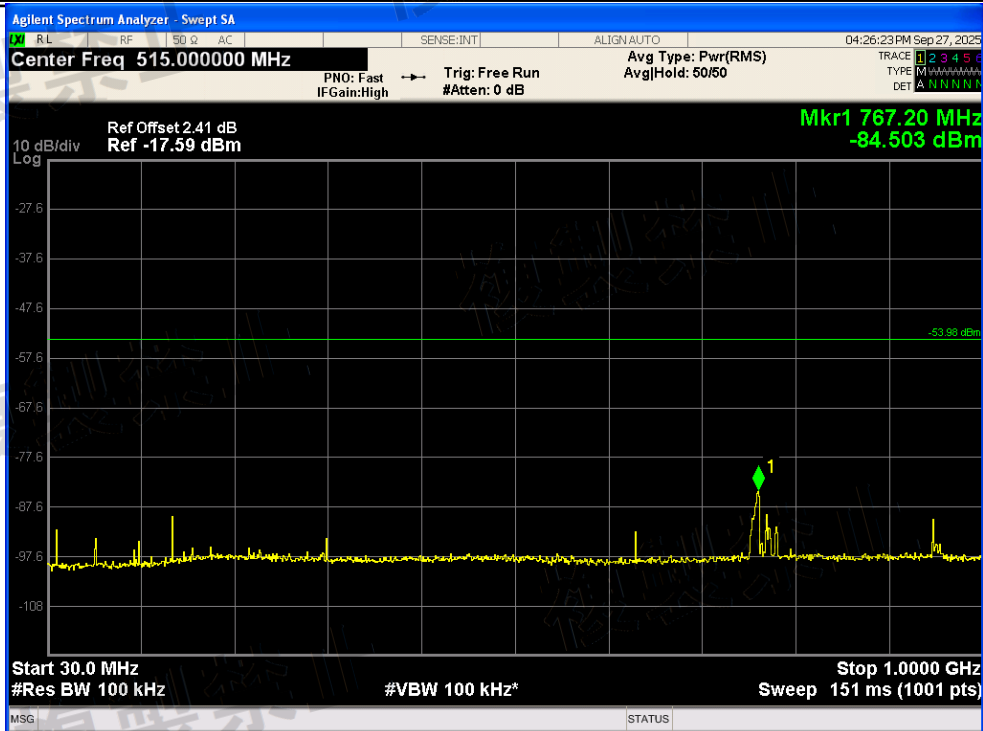
Rx. Spurious NVNT n40 2422MHz Ant2 @ 30MHz-1000MHz



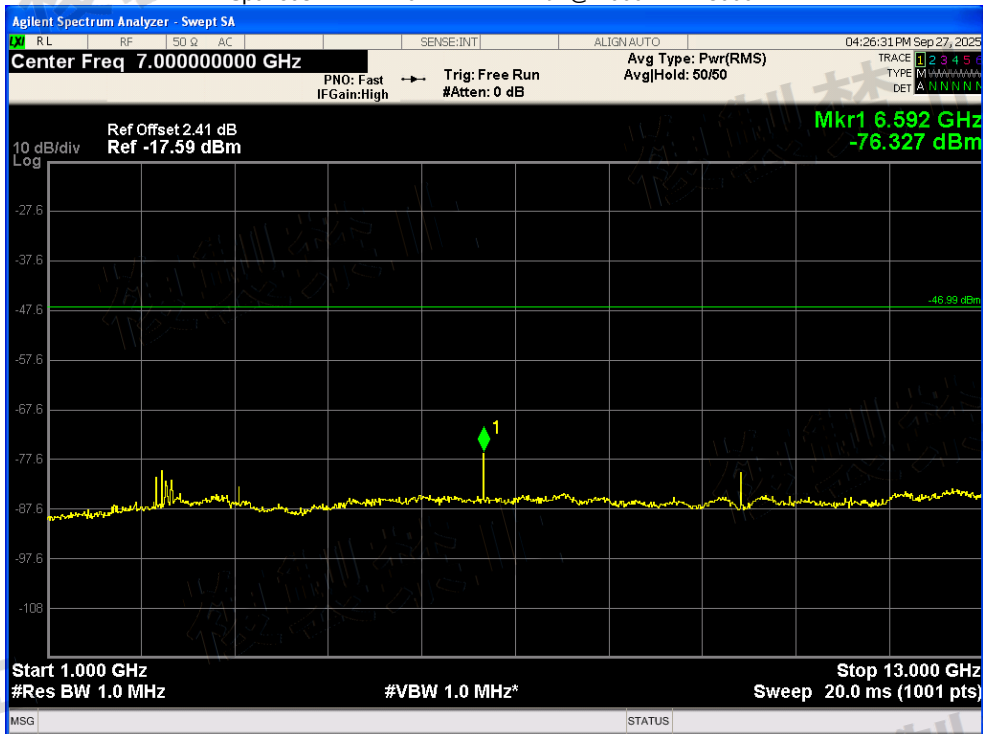
Rx. Spurious NVNT n40 2422MHz Ant2 @ 1000MHz-13000MHz



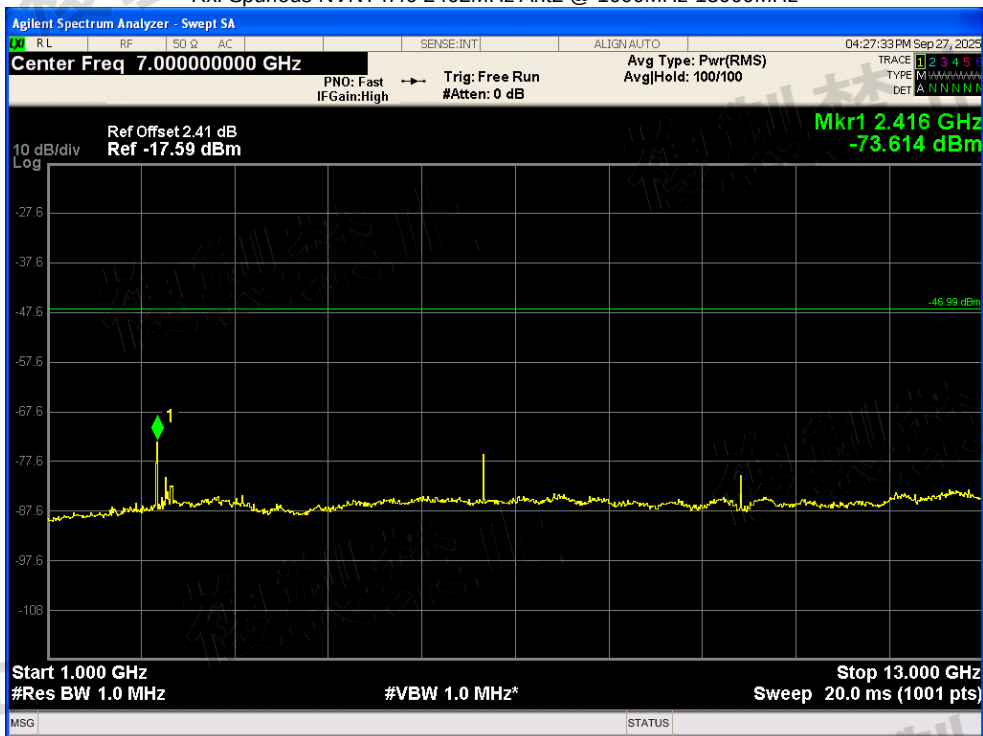
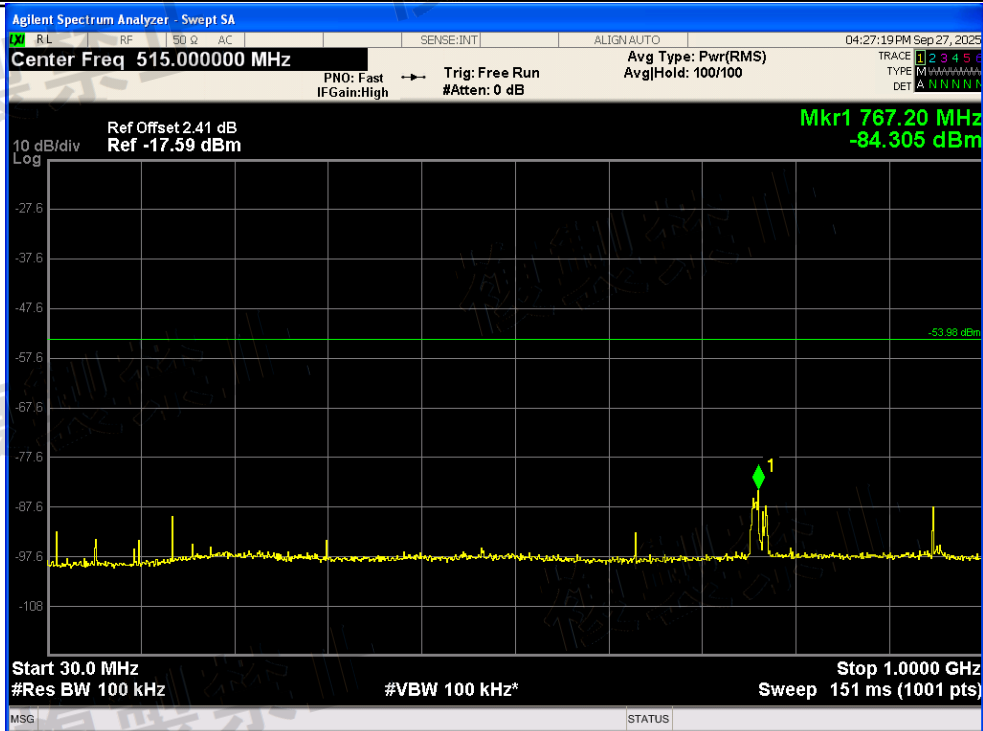
Rx. Spurious NVNT n40 2442MHz Ant2 @ 30MHz-1000MHz



Rx. Spurious NVNT n40 2442MHz Ant2 @ 1000MHz-13000MHz



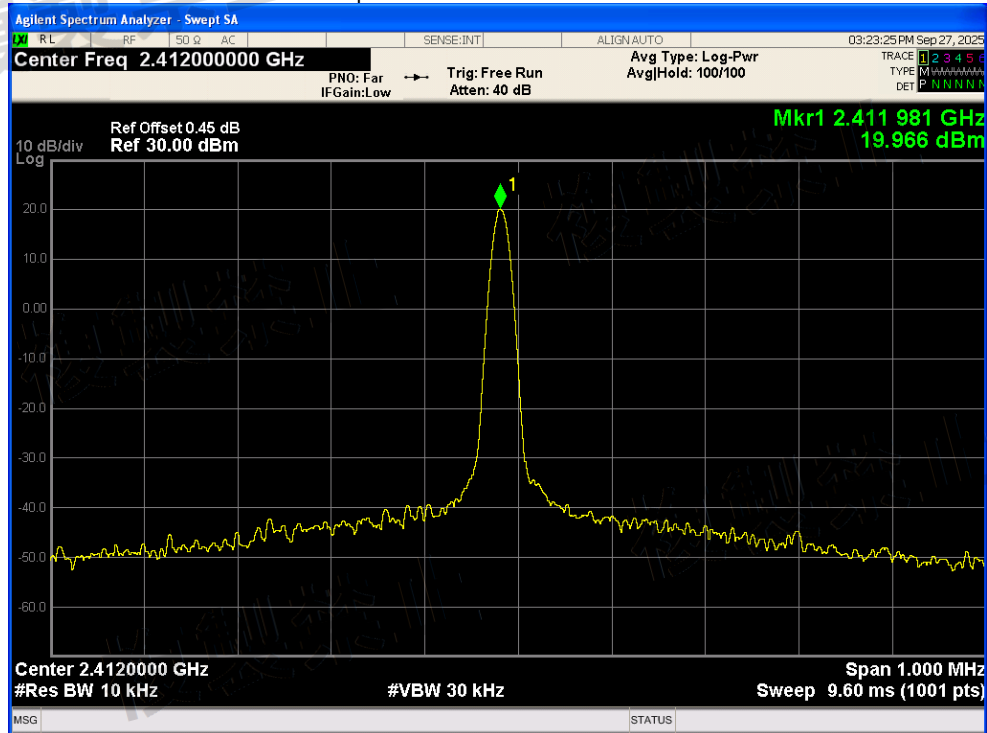
Rx. Spurious NVNT n40 2462MHz Ant2 @ 30MHz-1000MHz



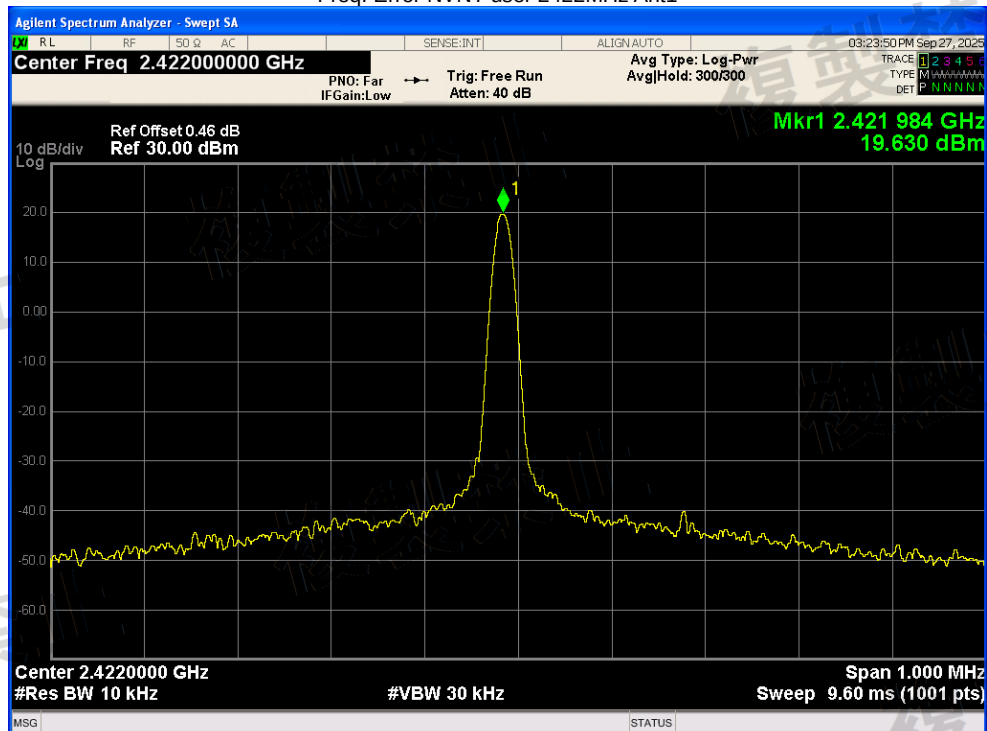
12.6 FREQUENCY ERROR

Condition	Mode	Frequency (MHz)	Antenna	Measured Frequency (MHz)	Deviation (ppm)	Limit (ppm)	Verdict
NVNT	CW	2412	Ant1	2411.981	-7.88	50	Pass
NVNT	CW	2422	Ant1	2421.984	-6.61	50	Pass
NVNT	CW	2442	Ant1	2441.986	-5.73	50	Pass
NVNT	CW	2462	Ant1	2461.987	-5.28	50	Pass
NVNT	CW	2472	Ant1	2471.989	-4.45	50	Pass
NVNT	CW	2412	Ant2	2411.983	-7.05	50	Pass
NVNT	CW	2422	Ant2	2421.984	-6.61	50	Pass
NVNT	CW	2442	Ant2	2441.985	-6.14	50	Pass
NVNT	CW	2462	Ant2	2461.985	-6.09	50	Pass
NVNT	CW	2472	Ant2	2471.985	-6.07	50	Pass

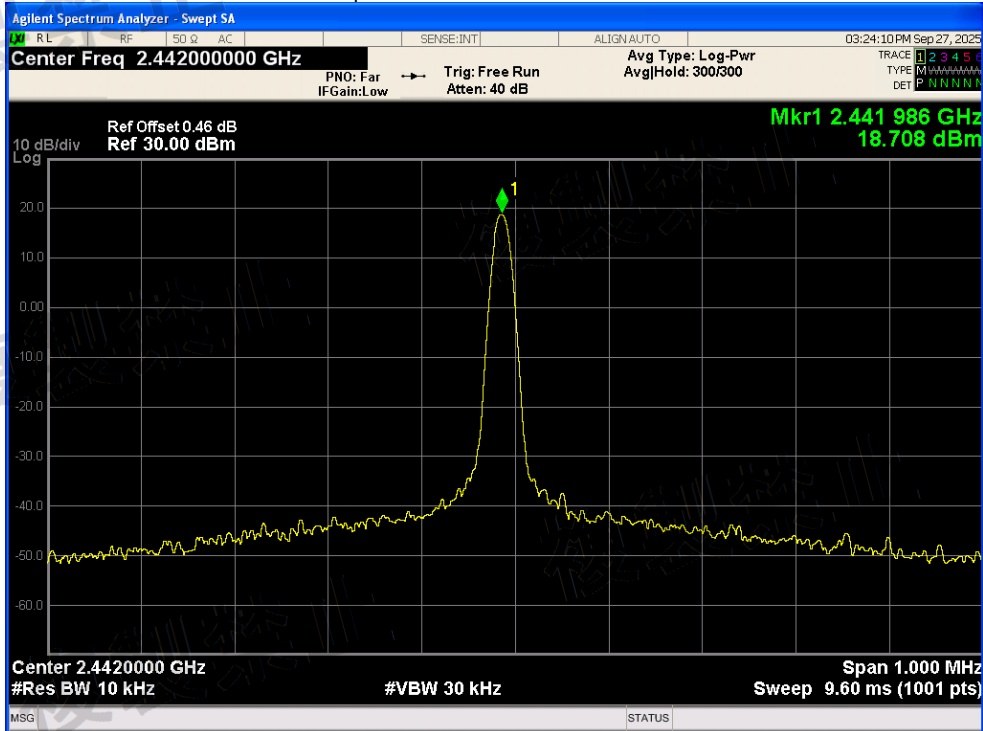
Freq. Error NVNT user 2412MHz Ant1



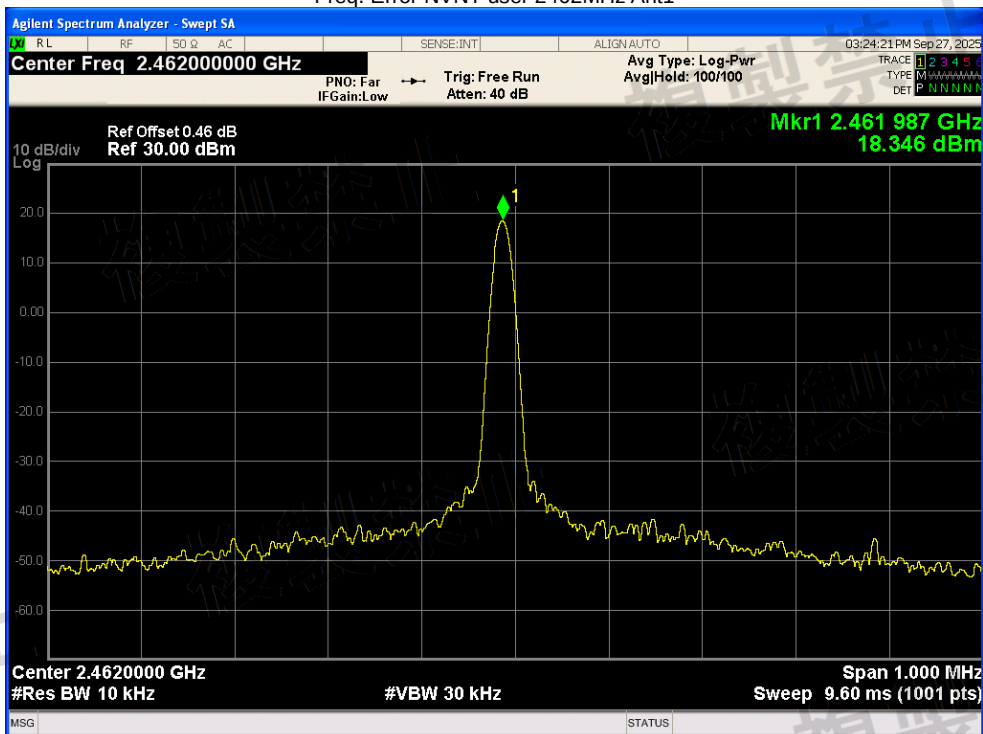
Freq. Error NVNT user 2422MHz Ant1



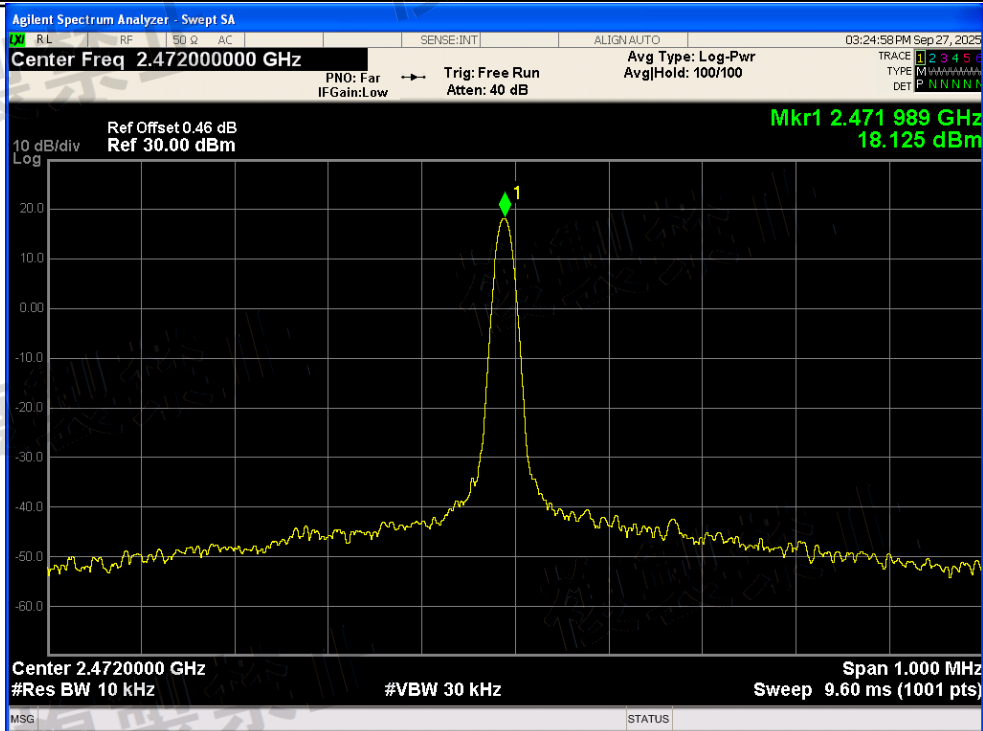
Freq. Error NVNT user 2442MHz Ant1



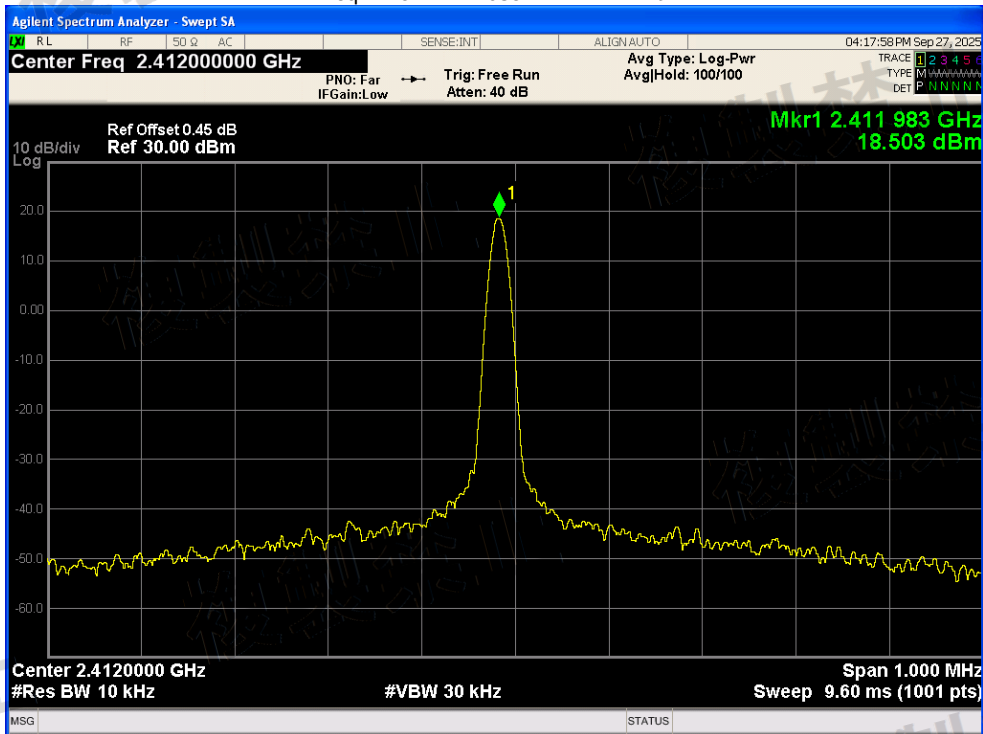
Freq. Error NVNT user 2462MHz Ant1



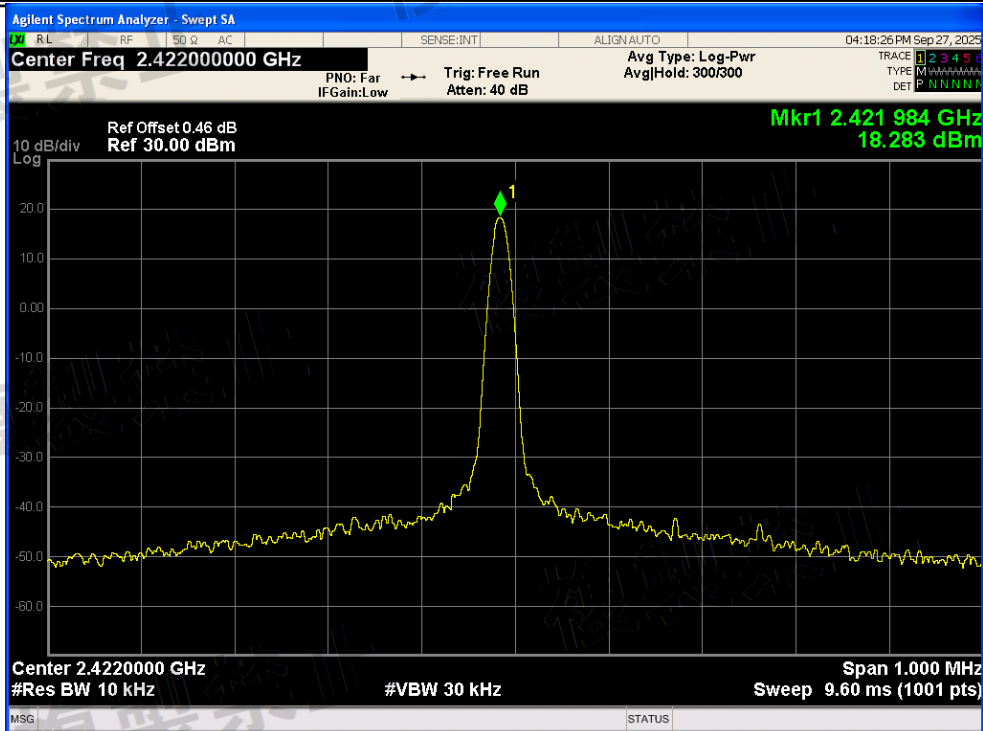
Freq. Error NVNT user 2472MHz Ant1



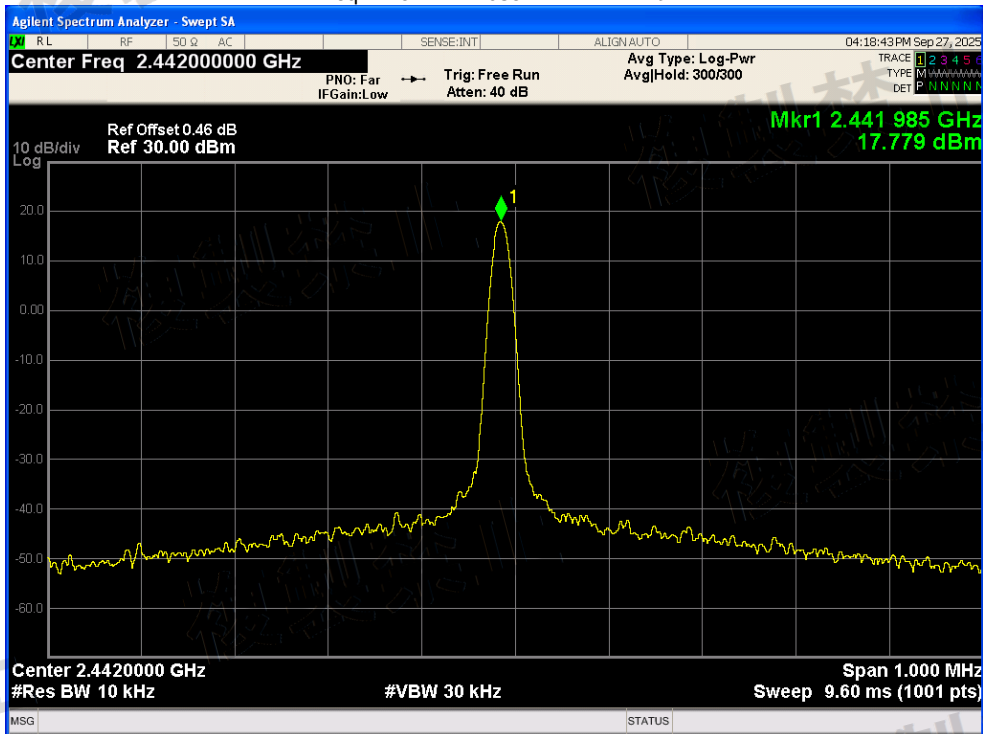
Freq. Error NVNT user 2412MHz Ant2



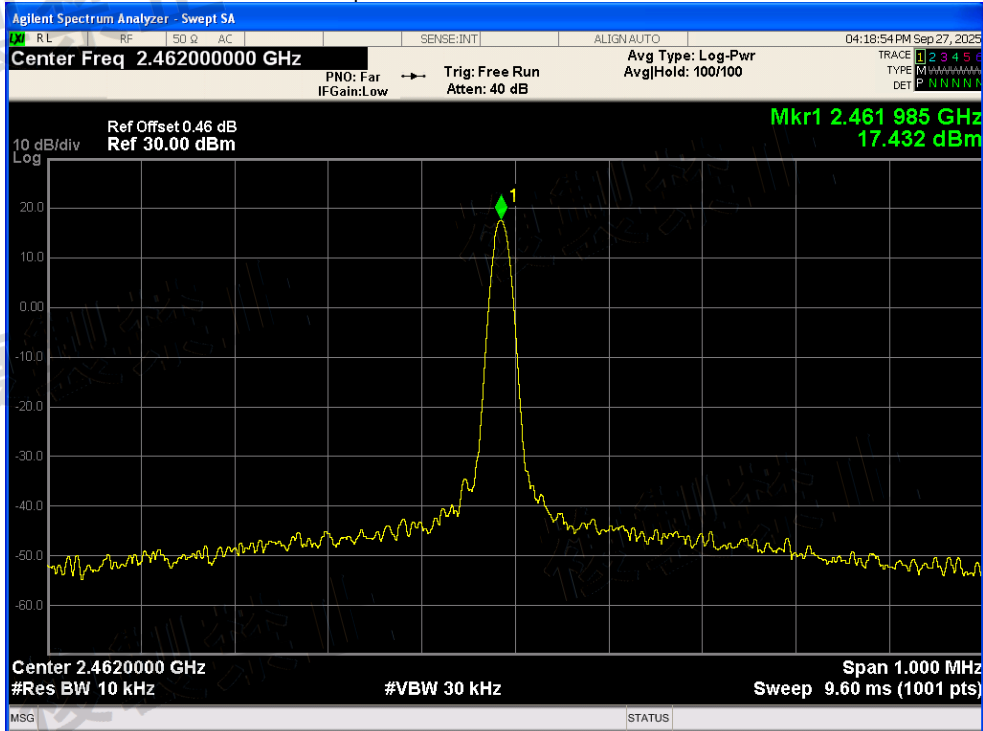
Freq. Error NVNT user 2422MHz Ant2



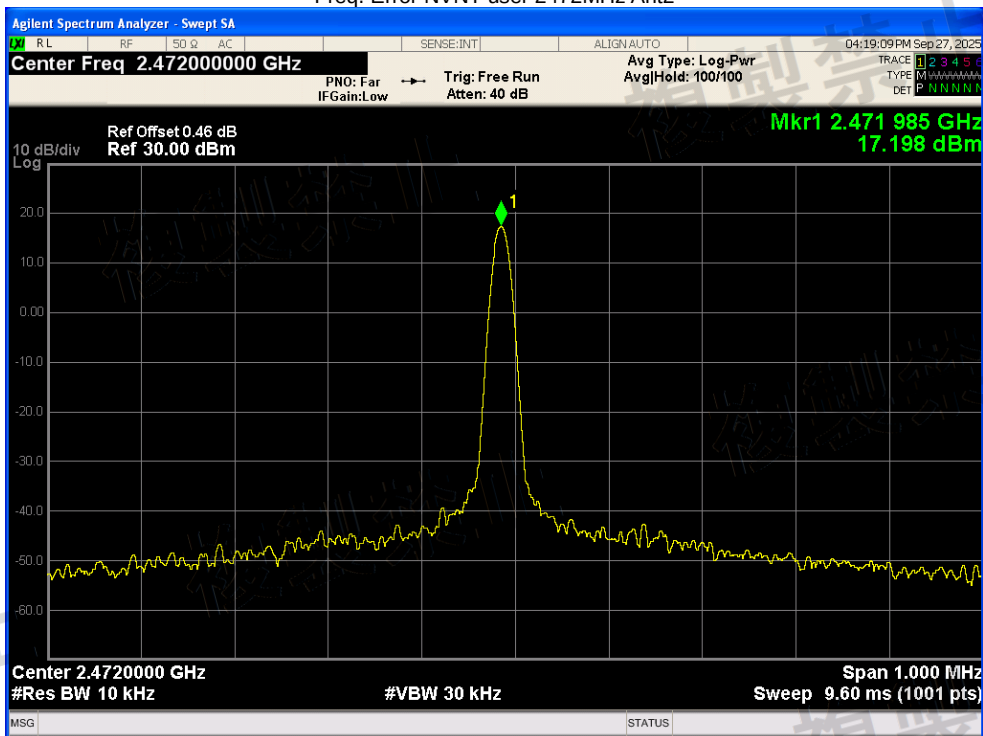
Freq. Error NVNT user 2442MHz Ant2



Freq. Error NVNT user 2462MHz Ant2



Freq. Error NVNT user 2472MHz Ant2



REPORT IS FINISHED.