



RADIO TEST REPORT

Article 2 paragraph 1 item 19-3

MIC notice 88 Appendix 45

Product : Tablet PC

Trade Mark : BekoQurd

Model Name : BekoQurd M8

Family Model : N/A

Report No. : S25022102116004

Prepared for

Techvision Intelligent Technology Co., Ltd.

12/F, A4, Nanshan Zhiyuan, 1001 Xueyuan Avenue, Nanshan Dist., Shenzhen, PRC

Prepared by

Shenzhen NTEK Testing Technology Co., Ltd.

No. 24 Xinfu East Road, Xiangshan Community, Xinqiao Street, Baoan District,
Shenzhen, Guangdong, People's Republic of China

Tel. 0755-23200050 Website: <http://www.ntek.org.cn>

TEST RESULT CERTIFICATION

Applicant's name..... Techvision Intelligent Technology Co., Ltd

Address 12/F, A4, Nanshan Zhiyuan, 1001 Xueyuan Avenue, Nanshan Dist.,
Shenzhen, PRC

Manufacturer's Name..... Techvision Intelligent Technology Co., Ltd

Address..... 12/F, A4, Nanshan Zhiyuan, 1001 Xueyuan Avenue, Nanshan Dist.,
Shenzhen, PRC

Test specification:

Standard..... Article 2 paragraph 1 item 19-3
MIC Notice No.88 Appendix No.45

Test item description

Product name..... Tablet PC

Trade Mark..... BekoQurd

Model and/or type reference BekoQurd M8
.....

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.

This report shall not be reproduced except in full, without the written approval of NTEK, this document may be altered or revised by NTEK personal only, and shall be noted in the revision of the document

Test Sample Number..... S250221021029

Date (s) of performance of tests.... Apr. 01, 2025 ~ May 15, 2025

Date of Issue May 15, 2025

Test Result Pass

Prepared By: Kieron Luo
Kieron Luo
(Project Engineer)

Reviewed By: Aaron Cheng
Aaron Cheng
(Supervisor)

Approved By: Alex Li
Alex Li
(Manager)

※ ※ Revision History ※ ※

REV.	REPORT NO.	Page Revised	ISSUED DATE	Contents
Original	S25022102116004	Rev.01	Apr. 28, 2025	N/A

Table of Contents

	Page
1 . SUMMARY OF TEST RESULTS	7
1.1 TEST FACILITY	8
1.2 MEASUREMENT UNCERTAINTY	8
2 . GENERAL INFORMATION	9
2.1 GENERAL DESCRIPTION OF EUT	9
2.2 DESCRIPTION OF TEST MODES	11
2.3 TEST CONDITIONS	12
2.4 BLOCK DIGRAM SHOWING THE CONFIGURATION OF SYSTEM TESTED	12
2.5 DESCRIPTION OF SUPPORT UNITS(CONDUCTED MODE)	13
2.6 EQUIPMENTS LIST FOR ALL TEST ITEMS	14
3 . FREQUENCY ERROR	15
3.1 LIMIT	15
3.2 MEASURING INSTRUMENTS AND SETTING	15
3.3 TEST PROCEDURES	15
3.4 TEST SETUP LAYOUT	15
3.5 EUT OPERATION DURING TEST	15
3.6 TEST RESULT	16
4 . OCCUPIED BANDWIDTH MEASUREMENT (99% POWER BANDWIDTH)	17
4.1 LIMIT	17
4.2 TEST PROCEDURES	17
4.3 TEST SETUP LAYOUT	17
4.4 TEST DEVIATION	17
4.5 EUT OPERATION DURING TEST	17
4.6 TEST RESULT	17
5 . SPURIOUS EMISSIONS FOR TRANSMITTER MEASUREMENT	18
5.1 LIMIT	18
5.2 . TEST PROCEDURES	18
5.3 . TEST SETUP LAYOUT	19
5.4 . TEST DEVIATION	19
5.5 . TEST RESULT	19

Table of Contents

Page

6 . ADJACENT CHANNEL POWER TOLERANCE	20
6.1 LIMIT	20
6.2 TEST PROCEDURES	20
6.3 TEST SETUP	21
6.4 TEST DEVIATION	21
7.5 EUT OPERATION DURING TEST	21
7.6 TEST RESULT	21
7 . RF OUTPUT POWER / TOLERANCE	22
7.1 LIMIT	22
8.2 TEST DEVIATION	22
8.3 EUT OPERATION DURING TEST	22
8.4 TEST PROCEDURES	22
8.5 TEST SETUP	23
8.6 TEST RESULT	23
8 . E.I.R.P MEASUREMENT	24
8.1 LIMIT	24
8.2 TEST PROCEDURES	24
8.3 TEST SETUP LAYOUT	24
8.4 TEST DEVIATION	24
8.5 EUT OPERATION DURING TEST	24
8.6 TEST RESULT	24
10 SPURIOUS EMISSIONS FOR RECEIVER	25
10.1 LIMIT	25
10.2 TEST PROCEDURE	25
10.3 TEST SETUP LAYOUT	25
10.4 TEST DEVIATION	25
10.5 EUT OPERATION DURING TEST	25
10.6 TEST RESULT	25
11 BURST LENGTH	26
11.1 LIMITS OF BURST LENGTH	26
11.2 MEASURING INSTRUMENTS	26
11.3 TEST PROCEDURES	26
11.4 TEST SETUP	26

Table of Contents

	Page
11.5 TEST DEVIATION	26
11.6 EUT OPERATION DURING TEST	26
11.7 TEST RESULT	26
12 RADIO INTERFERENCE PREVENTION CAPABILITY MEASUREMENT	27
12.1 LIMIT	27
12.2 MEASURING ID CODE SOFTWARE	27
12.3 TEST PROCEDURES	27
12.4 TEST SETUP LAYOUT	27
12.5 TEST DEVIATION	27
12.6 EUT OPERATION DURING TEST	27
12.7 TEST RESULT	28
13 CARRIER SENSE CAPABILITY	29
13.1 LIMIT	29
13.2 TEST PROCEDURE	29
13.3 TEST RESULT	29
14. TEST RESULTS	30
14.1 ANTENNA AND EIRP POWER	30
14.2 EIRP POWER	45
14.3 OCCUPIED CHANNEL BANDWIDTH	46
14.4 TX SPURIOUS EMISSION	54
14.5 BURST LENGTH	97
14.6 RX SPURIOUS EMISSION	105
14.7 ADJACENT CHANNEL EMITTED POWER	120
14.8 FREQUENCY ERROR	128

1. SUMMARY OF TEST RESULTS

Test procedures according to the technical standards:

Standard	Method	Description of Test	Result
Article 2 paragraph 1 item (19)-3	MIC Notice No.88 Appendix No.45.3	Frequency Error	Complies
	MIC Notice No.88 Appendix No.45.4	Occupied Bandwidth (99%)	Complies
	MIC Notice No.88 Appendix No.45.6	RF Output Power/Tolerance	Complies
	MIC Notice No.88 Appendix No.45.6	E.I.R.P	Complies
	MIC Notice No.88 Appendix No.45.5	Unwanted Emission Strength	Complies
	MIC Notice No.88 Appendix No.45.7	Adjacent Channel Leakage Power	Complies
	MIC Notice No.88 Appendix No.45.8	Out-Band Leakage Power	Complies
	MIC Notice No.88 Appendix No.45.9	Secondary Radiation Emission Strength	Complies
	MIC Notice No.88 Appendix No.45.3.10	Transmission Burst Length	Complies
	MIC Notice No.88 Appendix No.45.11	Interference Prevention Function	Complies
	MIC Notice No.88 Appendix No.45.12	Carrier Sensing Function	Complies
	MIC Notice No.88 Appendix No.45.13,14	DFS	N/A
	MIC Ordinance Regulating Radio Equipment Section 1.A of Article 49.20.3	Construction Protection Confirmation	Please refer to Japan Radio Protection Declaration

Note: "N/A" means not applicable in the report.

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 Xinfa 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	$\pm 1 \times 10^{-6}$
8	Occupied bandwidth	$\pm 4.7\text{dB}$

2. GENERAL INFORMATION

2.1 GENERAL DESCRIPTION OF EUT

Equipment	Tablet PC	
Trade Mark	BekoQurd	
Model Name	BekoQurd M8	
Family Model	N/A	
Model Difference	N/A	
Product Description	The EUT is a Tablet PC	
	Operation Frequency:	5150.0MHz ~ 5250.0MHz
	Modulation Type:	802.11a:OFDM (BPSK / QPSK / 16QAM, 64 QAM) 802.11n:OFDM (QPSK/BPSK/16QAM/64QAM) 802.11ac:OFDM (QPSK/BPSK/16QAM/64QAM)
	Number Of Channel	Please see Note 2.
	Support TPC	☐ YES ☒ NO
	Antenna Designation:	FPC Antenna
	Antenna Gain	2.02 dBi
	Based on the application, features, or specification exhibited in User's Manual, the EUT is considered as an ITE/Computing Device. More details of EUT technical specification, please refer to the User's Manual.	
Channel List	Please refer to the Note 2.	
Adapter	Model: MX21PD-U Input: 100-240V~ 50/60Hz 0.5A Output: 5.0V---3.0A or 9.0V---2.22A or 12.0V---1.67A (20.0W Wax)	
Battery	DC 3.8V, 6000mAh. 22.8Wh	
Rating(s)	DC 3.8V from battery or DC 5V/9V/12V from adapter	
Hardware Version	TVE8402M_MB_V0.1.3	
Software Version	TVE8402MW	

Note:

1. Frequency used for the ARIB STD-T71:
 - (a) The frequency used in the 20 MHz system shall be one of the following.
 - ① 5,180 MHz, 5,200 MHz, 5,240 MHz
 - (b) The frequency used in the 40 MHz system shall be one of the following.
 - ① 5,190 MHz, 5,230 MHz
 - (c) The frequency used in the 80 MHz system shall be one of the following.
 - ① 5, 210 MHz
2. For a more detailed features description, please refer to the manufacturer's specifications or the User's Manual.

3. Carrier Frequency Channel (802.11a)

Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)
36	5180	40	5200	44	5220	48	5240

Carrier Frequency Channel (802.11n20/ac20)

Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)
36	5180	40	5200	44	5220	48	5240

Carrier Frequency Channel (802.11n40/ac40)

Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)
38	5190	46	5230				

Carrier Frequency Channel (802.11ac80)

Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)
42	5210						

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	802.11a /n(20)/ac(20)/ CH 36/ CH 40/ CH 48
Mode 2	802.11n(40)/ac(40)/ CH 38/ CH 46
Mode 3	802.11ac(80)/ CH 42

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 3.8V	DC 4.18V	DC 3.42V
RF Chip	DC 3.3V	DC 3.3V	DC 3.3V

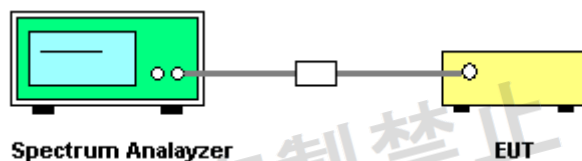
NOTE:

Voltage Variation (%)

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

During the input supply voltage to the EUT from the external power source is varied by +/- 10%, + / - 10% of the external power change, The fluctuation range of the supply voltage in the radio frequency section is less than 1%, so there is no need to evaluate the limiting voltage mode.

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	Tablet PC	BekoQurd M8	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**Radiation Test equipment**

Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Last calibration	Calibrated until	Calibration period	Cal.Infor.
								Method
1	SPECTRUM ANALYZER	AGlient	E4440A	MY41000130	2024.04.26 2025.04.25	2025.04.25 2026.04.24	1 YEAR	C
2	SPECTRUM ANALYZER	AGILENT	N9020A	MY49100060	2024.04.25 2025.04.17	2025.04.24 2026.04.16	1 YEAR	C
3	TEST RECEIVER	R&S	ESPI7	101318	2024.04.26 2025.04.17	2025.04.25 2026.04.16	1 YEAR	C
4	50Ω COAXIAL SWITCH	ANRITSU	MP59B	6200983705	2024.04.26	2027.04.25	3 YEAR	C
5	HORN ANTENNA	SCHWARZBECK	BBHA 9120 D	2816	2024.05.18	2027.05.17	3 YEAR	C
6	HORN ANT	SCHWARZBECK	BBHA 9170	9170-181	2024.05.12	2027.05.11	3 YEAR	C
7	PRE-AMPLIFIER	EMC	EMC051835SE	980246	2024.04.25 2025.04.17	2025.04.24 2026.04.16	1 YEAR	C
8	POWER METER	DARE	RPR3006W	15I00041SNO84	2024.04.25 2025.04.17	2025.04.24 2026.04.16	1 YEAR	C
9	TEMPORARY ANTENNA CONNECTOR (NOTE)	NTS	R001	N/A	N/A	N/A	N/A	N/A
10	DC POWER SUPPLY	ZHAOXIN	PS-6005D	20170402923	2023.05.06	2026.05.05	3 YEAR	C
11	ESG VETCTOR SIGNAL GENERATOR	AGILENT	E4438C	MY45093347	2024.04.13 2025.04.17	2025.04.12 2026.04.16	1 YEAR	C
12	PSG ANALOG SIGNAL GENERATOR	AGILENT	E8257D	MY51110112	2024.05.30	2025.05.29	1 YEAR	C

Note: All the equipments for Guangzhou Lisai Calibration. according to Article 24-2.Paragraph 4 of the Radio Act.

Measurement Software

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

3. FREQUENCY ERROR

3.1 LIMIT

Item	Limits
Frequency Error	+/-20ppm

3.2 MEASURING INSTRUMENTS AND SETTING

The following table is the setting of Spectrum Analyzer.

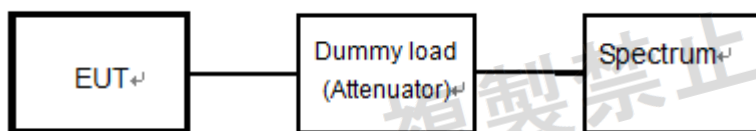
Spectrum Parameter	Setting
Attenuation	Auto
RB / VB	10KHz
Detector	Peak
Trace	Max Hold
Sweep Time	Auto

3.3 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.

3.4 TEST SETUP LAYOUT



3.5 EUT OPERATION DURING TEST

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

3.6 TEST RESULT

EUT:	Tablet PC	Model:	BekoQurd M8
Temperature:	25°C	Pressure:	1010 hPa
Humidity:	55 % RH	Test Voltage	Normal Voltage(DC 3.8V)
Operation Mode:	unmodulated-(5.2G)		

Test data reference attachment

4. OCCUPIED BANDWIDTH MEASUREMENT (99% POWER BANDWIDTH)

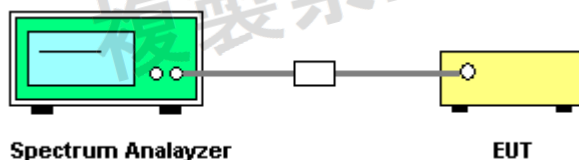
4.1 LIMIT

Items	Limits
(a) ① for Section 2.1, Note 1	≤20MHz;
(b) ① for Section 2.1, Note 1	≤40MHz
(c) ① for Section 2.1, Note 1	≤80MHz

4.2 TEST PROCEDURES

- Setting of SA is following as: RBW: 300KHz /VBW:300KHz/Sweep Mode: Continuous sweep / Detect mode: Positive peak / Trace mode: Max hold.
- EUT have transmitted each modulation signal and fixed channelize (For DSSS or OFDM Device). SA set to 99% of occupied bandwidth to measure occupied bandwidth. The limit is less than specific value as section 3.2.1.

4.3 TEST SETUP LAYOUT



4.4 TEST DEVIATION

There is no deviation with the original standard.

4.5 EUT OPERATION DURING TEST

The EUT was programmed to be in continuously transmitting mode.

4.6 TEST RESULT

EUT :	Tablet PC	Model:	BekoQurd M8
Temperature:	25°C	Pressure:	1010 hPa
Humidity:	55 % RH	Test Voltage	Normal Voltage(DC 3.8V)
Operation Mode:	Normal Voltage-802.11a/n/ac mode(5.2G)		

Test data reference attachment

5. SPURIOUS EMISSIONS FOR TRANSMITTER MEASUREMENT

5.1 LIMIT

W52			
20MHz system		40MHz system	80MHz system
OBW : 18MHz or less	OBW : 18 - 20 MHz		
5,142 MHz or less : 2.5 μ W/MHz	5,142 MHz or less : 2.5 μ W/MHz	5,141.6 MHz or less : 2.5 μ W/MHz	5,123.2 MHz or less : 2.5 μ W/MHz
5,142 - 5,150 MHz : 15 μ W/MHz	5,142 - 5,150 MHz : 15 μ W/MHz	5,141.6 - 5,150 MHz : 15 μ W/MHz	5,123.2 - 5,150 MHz : 15 μ W/MHz
	5,250 - 5,250.2 MHz : $10^{-1-(9/50)(f-5250)}$ mW/MHz		
5,250 - 5,251 MHz : $10^{-1-(f-5250)}$ mW/MHz	5,250.2 - 5,251 MHz : $10^{-1-(f-5250)}$ mW/MHz	5,250 - 5,251 MHz : $10^{-(f-5250)+\log(1/2)}$ mW/MHz	5,250 - 5,251 MHz : $10^{-(f-40)+\log(1/4)}$ mW/MHz
5,251 - 5,260 MHz : $10^{-1-(9/50)(f-5251)}$ mW/MHz	5,251 - 5,260 MHz : $10^{-1-(9/50)(f-5251)}$ mW/MHz	5,251 - 5,270 MHz : $10^{-(9/50)(f-5251)-1+\log(1/2)}$ mW/MHz	5,251 - 5,290 MHz : $10^{-(9/50)(f-41)-1+\log(1/4)}$ mW/MHz
5,260 - 5,266.7 MHz : $10^{-1.8-(6/50)(f-5260)}$ mW/MHz	5,260 - 5,266.7 MHz : $10^{-1.8-(6/50)(f-5260)}$ mW/MHz	5,270 - 5,278.4 MHz : $10^{-(3/50)(f-40)-1.8+\log(1/2)}$ mW/MHz	5,290 - 5,296.7 MHz : $10^{-(3/100)(f-40)-1.8+\log(1/4)}$ mW/MHz
5,266.7 MHz or more : 2.5 μ W/MHz	5,266.7 MHz or more : 2.5 μ W/MHz	5,278.4 MHz or more : 2.5 μ W/MHz	5,296.7 MHz or more : 2.5 μ W/MHz
f = MHz, Difference from 5240 (MHz)	f = MHz, Difference from 5240 (MHz)	f = MHz, Difference from 5230 (MHz)	f = MHz, Difference from 5210 (MHz)

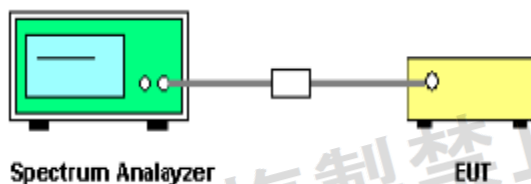
W53			
20MHz system		40MHz system	80MHz system
OBW : 18MHz or less	OBW : 18 - 20 MHz		
5,233.3 MHz or less : 2.5 μ W/MHz	5,233.3 MHz or less : 2.5 μ W/MHz	5,221.6 MHz or less : 2.5 μ W/MHz	5,203.3 MHz or less : 2.5 μ W/MHz
5,233.3 - 5,240 MHz : $10^{-1.8-(6/50)(f-5233)}$ mW/MHz	5,233.3 - 5,240 MHz : $10^{-1.8-(6/50)(f-5233)}$ mW/MHz	5,221.6 - 5,230 MHz : $10^{-(9/50)(f-40)-1.8+\log(1/2)}$ mW/MHz	5,203.3 - 5,210 MHz : $10^{-(9/100)(f-40)-1.8+\log(1/4)}$ mW/MHz
5,240 - 5,249 MHz : $10^{-1-(9/50)(f-5240)}$ mW/MHz	5,240 - 5,249 MHz : $10^{-1-(9/50)(f-5240)}$ mW/MHz	5,230 - 5,249 MHz : $10^{-(9/150)(f-21)-1+\log(1/2)}$ mW/MHz	5,210 - 5,249 MHz : $10^{-(9/300)(f-41)-1+\log(1/4)}$ mW/MHz
5,249 - 5,250 MHz : $10^{-1-(f-5249)}$ mW/MHz	5,249 - 5,249.8 MHz : $10^{-1-(f-5249)}$ mW/MHz	5,249 - 5,250 MHz : $10^{-(f-5249)+\log(1/2)}$ mW/MHz	5,249 - 5,250 MHz : $10^{-(f-40)+\log(1/4)}$ mW/MHz
	5,249.8 - 5,250 MHz : $10^{-1-(9/50)(f-5249)}$ mW/MHz	5,350 - 5,358.4 MHz : 15 μ W/MHz	5,350 - 5,376.8 MHz : 15 μ W/MHz
5,350 MHz or more : 2.5 μ W/MHz	5,350 MHz or more : 2.5 μ W/MHz	5,358.4 MHz or more : 2.5 μ W/MHz	5,376.8 MHz or more : 2.5 μ W/MHz
f = MHz, Difference from 5260 (MHz)	f = MHz, Difference from 5260 (MHz)	f = MHz, Difference from 5270 (MHz)	f = MHz, Difference from 5290 (MHz)

W56			
20MHz system		40MHz system	80MHz system
DSSS, etc.	OFDM		
5,470 MHz or less : 12.5 μ W/MHz	5,460 MHz or less : 2.5 μ W/MHz	5,460 MHz or less : 12.5 μ W/MHz	5,460 MHz or less : 12.5 μ W/MHz
	5,460 - 5,470 MHz : 12.5 μ W/MHz	5,460 - 5,470 MHz : 50 μ W/MHz	5,460 - 5,469.5 MHz : 50 μ W/MHz
	5,745 - 5,765 MHz : 12.5 μ W/MHz		5,469.5 - 5,470 MHz : 51.2 μ W/MHz
5,730 MHz or more : 12.5 μ W/MHz	Over 5,765 MHz : 2.5 μ W/MHz	5,770 MHz or more : 12.5 μ W/MHz	5,770 MHz or more : 12.5 μ W/MHz

5.2. TEST PROCEDURES

1. EUT have transmitted the maximum modulation signal and fixed channelize.
2. 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
3. Setting of SA is following as 30MHz and stop frequency 1000MHz Then to mark peak reading value + cable loss shall be less than 0.25 μ W.
4. SA adjusted to start frequency and stop frequency 26GHz .Then to mark peak reading value + cable loss shall be less than 2.5uW/MHz.
5. If the Result Value is over the requirement, we need to measurement as below steps
6. Span 1~10MHz to find the frequency that have maximum value.
7. Setting of SA is following as: Span: Zero/RBW: 100KHz/VBW: 100KHz under 1GHz,
Sweep time: Auto / Sweep Mode: Singled sweep / Detect mode: Sample.
8. Calculated the mean power value, add all value of test point and division sample point number.
9. Report the mean power

5.3. TEST SETUP LAYOUT



5.4. TEST DEVIATION

There is no deviation with the original standard.

5.5. TEST RESULT

EUT:	Tablet PC	Model:	BekoQurd M8
Temperature:	25°C	Pressure:	1010 hPa
Humidity:	55 % RH	Test Voltage	Normal Voltage(DC 3.8V)
Operation Mode:	Normal Voltage-802.11a/n/ac mode(5.2G)		

Test data reference attachment

6. ADJACENT CHANNEL POWER TOLERANCE

6.1 LIMIT

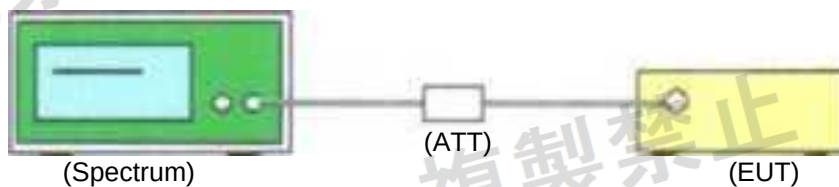
802.11a & 802.11n/ac (20MHz/40MHz/80MHz)

LIMIT
(BW _{ch} 20MHz & CP/OBW≤18MHz) - $f_c \pm 20\text{MHz} \geq 25\text{dB}$; $f_c \pm 40\text{MHz} \geq 40\text{dB}$
(BW _{ch} 20MHz & CP/OBW≤20MHz) - $f_c \pm 20\text{MHz} \geq 25\text{dB}$; $f_c \pm 40\text{MHz} \geq 40\text{dB}$
(BW _{ch} 40MHz & CP/OBW≤40MHz) - $f_c \pm 40\text{MHz} \geq 25\text{dB}$; $f_c \pm 80\text{MHz} \geq 40\text{dB}$
(BW _{ch} 80MHz & CP/OBW≤80MHz) - $f_c \pm 80\text{MHz} \geq 25\text{dB}$

6.2 TEST PROCEDURES

1. EUT has the continuous reception mode and fixed only one channelize.
2. SA set RBW: 300KHz and VBW: 300KHz, Span 100MHz (BW=20MHz/200MHz(BW=40MHz), RMS Detector, trace Maximum Hold and use ACLR Option.
3. Frequency spacing and measuring bandwidth be specified in section 3.6.1.
4. Reporting the worst value

6.3 TEST SETUP



6.4 TEST DEVIATION

There is no deviation with the original standard.

7.5 EUT OPERATION DURING TEST

The EUT was programmed to be in continuously transmitting mode.

7.6 TEST RESULT

EUT :	Tablet PC	Model:	BekoQurd M8
Temperature:	25°C	Pressure:	1010 hPa
Humidity:	55 % RH	Test result:	Pass

Test data reference attachment

7. RF OUTPUT POWER / TOLERANCE

7.1 LIMIT

Band	Item	Limits
W52 Band W53 Band W56 Band	Antenna Power Density	$\leq 10\text{mW(Other) or } \leq 10\text{mW/MHz(DS, OBW} \leq 18\text{MHz)}$ $\leq 10\text{mW/MHz(OFDM, OBW} \leq 20\text{MHz)}$ $\leq 5\text{mW/MHz (OFDM, OBW} \leq 40\text{MHz)}$ $\leq 2.5\text{ mW/MHz (OFDM, OBW} \leq 80\text{MHz)}$
W52 Band W53 Band	Antenna Power Error	+20%, -80%
W56 Band		+50%, -50%

8.2 TEST DEVIATION

There is no deviation with the original standard.

8.3 EUT OPERATION DURING TEST

The EUT was programmed to be in continuously transmitting mode.

8.4 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

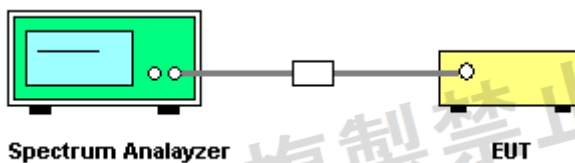
Resolution bandwidth: 1MHz

Video bandwidth: Same as resolution bandwidth

Scanning mode: Continuous scanning

3. Antenna Power Error is definition that actual measure antenna power tolerance between +20% to -80% power range that base on manufacturer declare the conducted power density.

8.5 TEST SETUP



8.6 TEST RESULT

EUT :	Tablet PC	Model:	BekoQurd M8
Temperature:	25°C	Pressure:	1010 hPa
Humidity:	55 % RH	Test Voltage	Normal Voltage(DC 3.8V)
Operation Mode:	Normal Voltage-a/n/ac mode(5.2G)		

Test data reference attachment

8. E.I.R.P MEASUREMENT

8.1 LIMIT

Band	E.I.R.P Power (mW/MHz) Limits					
	20MHz	40MHz	80MHz	80MHz+80MHz	160MHz	Note
W52	10	5	2.5	1.25	1.25	
W53	10	5	2.5	1.25	1.25	With TPC
	5	2.5	1.25	0.625	0.625	Without TPC
W56	50	25	12.5	1.25	6.25	With TPC
	25	12.5	6.25	0.625	3.125	Without TPC

8.2 TEST PROCEDURES

EIRP Power= Conducted power + antenna gain.

8.3 TEST SETUP LAYOUT

Please refer to Section 8.4 of this test report.

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 normal transmitting mode.

8.6 TEST RESULT

EUT :	Tablet PC	Model:	BekoQurd M8
Temperature:	25°C	Pressure:	1010 hPa
Humidity:	55 % RH	Test Voltage	Normal Voltage(DC 3.8V)
Operation Mode:	Normal Voltage-a/n/ac mode(5.2G)		

Test data reference attachment

10 SPURIOUS EMISSIONS FOR RECEIVER

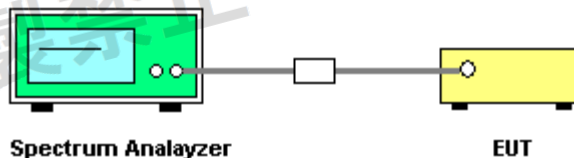
10.1 LIMIT

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

10.2 TEST PROCEDURE

- EUT have the continuous reception mode and fixed only one channelize.
- SA set RBW: 100KHz and VBW: 100KHz. Then adjust to start frequency 30MHz and stop frequency 1000MHz. Search to mark peak reading value + cable loss shall be less than 4nW.
- SA set RBW: 1MHz and VBW: 1MHz. Then adjust to start frequency 1000MHz and stop frequency 12500MHz. Search to mark peak reading value + cable loss shall be less than 20nW.
- If power level of lower emissions are more than 1/10 of limit (0.4nW for $f < 1\text{GHz}$, 2nW for $f \geq 1\text{GHz}$), all those are to be indicated in the 2nd and 3rd lines. If others are 1/10 or less more of the limit, no necessary to be indicated.

10.3 TEST SETUP LAYOUT



10.4 TEST DEVIATION

There is no deviation with the original standard.

10.5 EUT OPERATION DURING TEST

The EUT was programmed to be in continuously reception mode.

10.6 TEST RESULT

EUT :	Tablet PC	Model:	BekoQurd M8
Temperature:	25°C	Pressure:	1010 hPa
Humidity:	55 % RH	Test Voltage	Normal Voltage(DC 3.8V)
Operation Mode:	Normal Voltage-a/n/ac mode(5.2G)		

Test data reference attachment

11 BURST LENGTH**11.1 LIMITS OF BURST LENGTH**

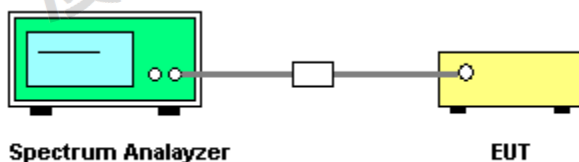
Item	Limits
Transmission Burst	≤8ms

11.2 MEASURING INSTRUMENTS

See list of measuring instruments of this test report.

11.3 TEST PROCEDURES

- Setting of SA is following as: RBW: 8MHz/VBW:8MHz /Sweep Mode:Single sweep/Detect mode: Positive peak/Zero Span I Sweet time: more than burst length.
- Measure the maximum time duration of one burst length.

11.4 TEST SETUP**11.5 TEST DEVIATION**

There is no deviation with the original standard.

11.6 EUT OPERATION DURING TEST

The EUT was programmed to be in continuously transmitting mode.

11.7 TEST RESULT

EUT :	Tablet PC	Model:	BekoQurd M8
Temperature:	25°C	Pressure:	1010 hPa
Humidity:	55 % RH	Test Voltage	Normal Voltage(DC 3.8V)
Operation Mode:	Normal Voltage-a/n/ac mode(5.2G)		

Test data reference attachment

12 RADIO INTERFERENCE PREVENTION CAPABILITY MEASUREMENT

12.1 LIMIT

Item	Limits
Identification code	≥ 48 bits

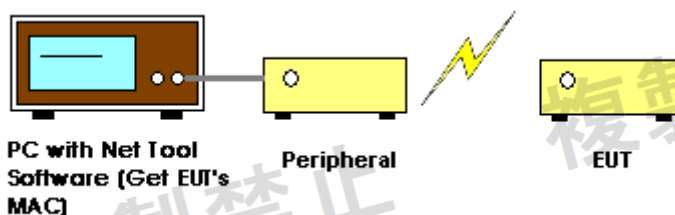
12.2 MEASURING ID CODE SOFTWARE

Item	Limits
MAC IP List	MAC Scan

12.3 TEST PROCEDURES

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

12.4 TEST SETUP LAYOUT



12.5 TEST DEVIATION

There is no deviation with the original standard.

12.6 EUT OPERATION DURING TEST

The EUT was programmed to be in normal transmitting mode.

12.7 TEST RESULT

EUT :	Tablet PC	Model:	BekoQurd M8
Temperature:	25°C	Pressure:	1010 hPa
Humidity:	55 % RH	Test result:	Compliance

Radio interface prevention function

Result	Normal Voltage	High Voltage	Low Voltage
802.11a	OK	/	/
802.11n/ 20/40	OK	/	/
802.11ac/ 20/40/80	OK	/	/

Mac address: 1A:24:52:33:41:22

Result: OK

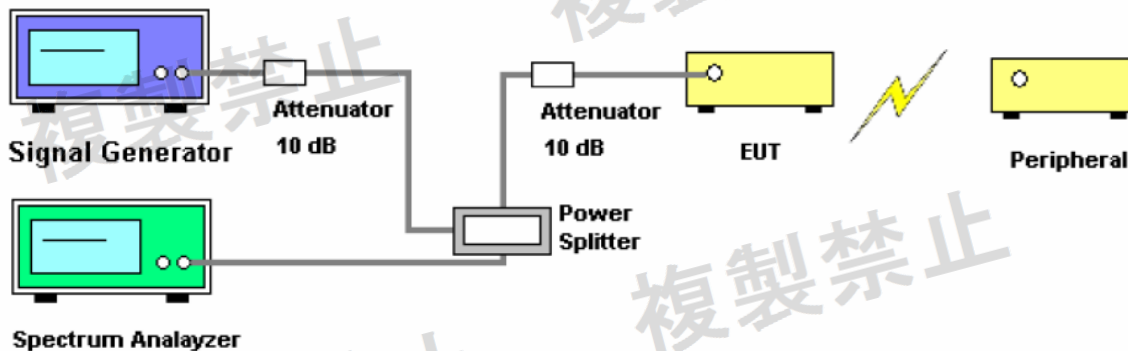
13 CARRIER SENSE CAPABILITY

13.1 LIMIT

EUT stop RF transmission signal after carrier inject to EUT

13.2 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 $(on\ 22.79+G-20*\log(f)\text{dBm})$ (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.

13.3 TEST RESULT

Result	Normal Voltage	High Voltage	Low Voltage
802.11a	OK	/	/
802.11n/ 20/40	OK	/	/
802.11ac/ 20/40/80	OK	/	/

$Pin=22.79+Gr-20*\log(freq_MHz)[\text{dBm}]$

Limit:100mw/m eirp

Confirmed at -50dBm

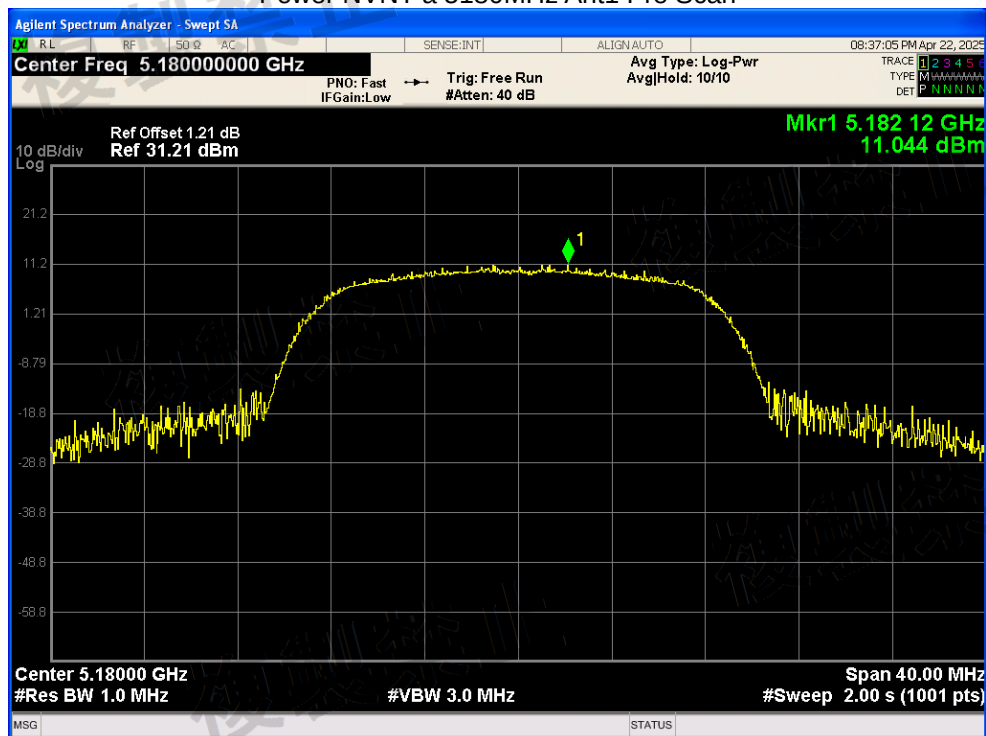
Result:OK

14. TEST RESULTS

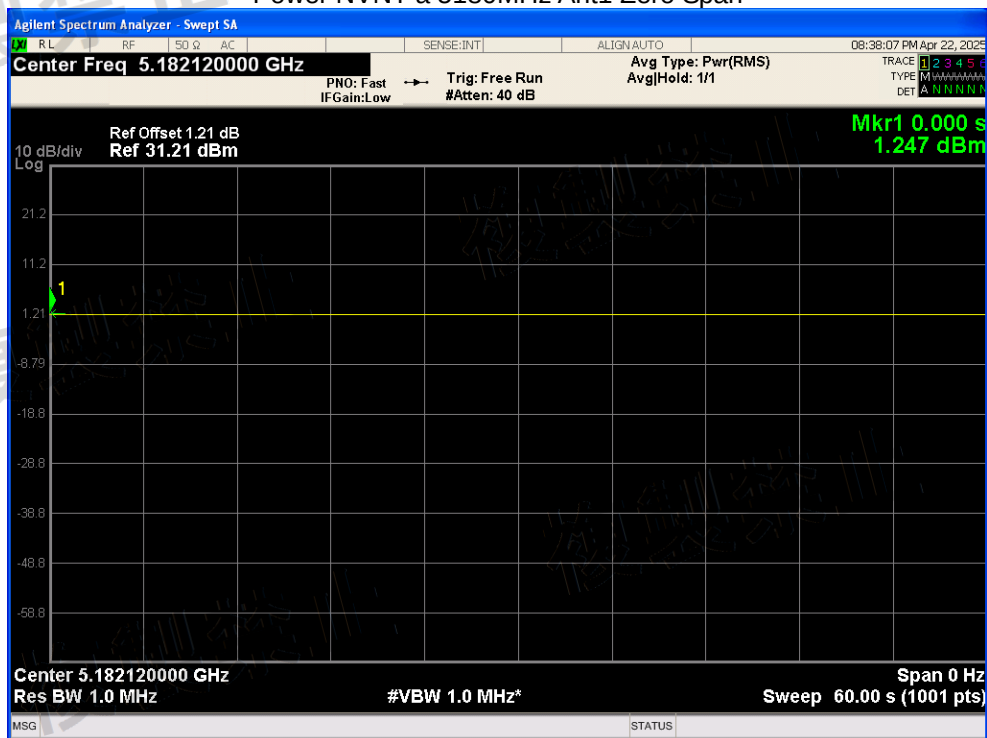
14.1 ANTENNA AND EIRP POWER

Condition	Mode	Frequency (MHz)	Antenna	Antenna Power (mW/MHz)	Declared Power (mW/MHz)	Tolerance (%)	Upper Limit (%)	Lower Limit (%)	Verdict
NVNT	a	5180	Ant1	1.333	2	-33.37	20	-80	Pass
NVNT	a	5200	Ant1	1.468	2	-26.6	20	-80	Pass
NVNT	a	5240	Ant1	1.216	2	-39.22	20	-80	Pass
NVNT	ac20	5180	Ant1	1.028	1	2.85	20	-80	Pass
NVNT	ac20	5200	Ant1	1.001	1	0.07	20	-80	Pass
NVNT	ac20	5240	Ant1	0.888	1	-11.18	20	-80	Pass
NVNT	ac40	5190	Ant1	0.556	0.5	11.13	20	-80	Pass
NVNT	ac40	5230	Ant1	0.589	0.5	17.82	20	-80	Pass
NVNT	ac80	5210	Ant1	0.261	0.5	-47.72	20	-80	Pass
NVNT	n20	5180	Ant1	1.163	2	-41.83	20	-80	Pass
NVNT	n20	5200	Ant1	1.206	2	-39.69	20	-80	Pass
NVNT	n20	5240	Ant1	1.165	2	-41.74	20	-80	Pass
NVNT	n40	5190	Ant1	0.713	1	-28.7	20	-80	Pass
NVNT	n40	5230	Ant1	0.647	1	-35.33	20	-80	Pass

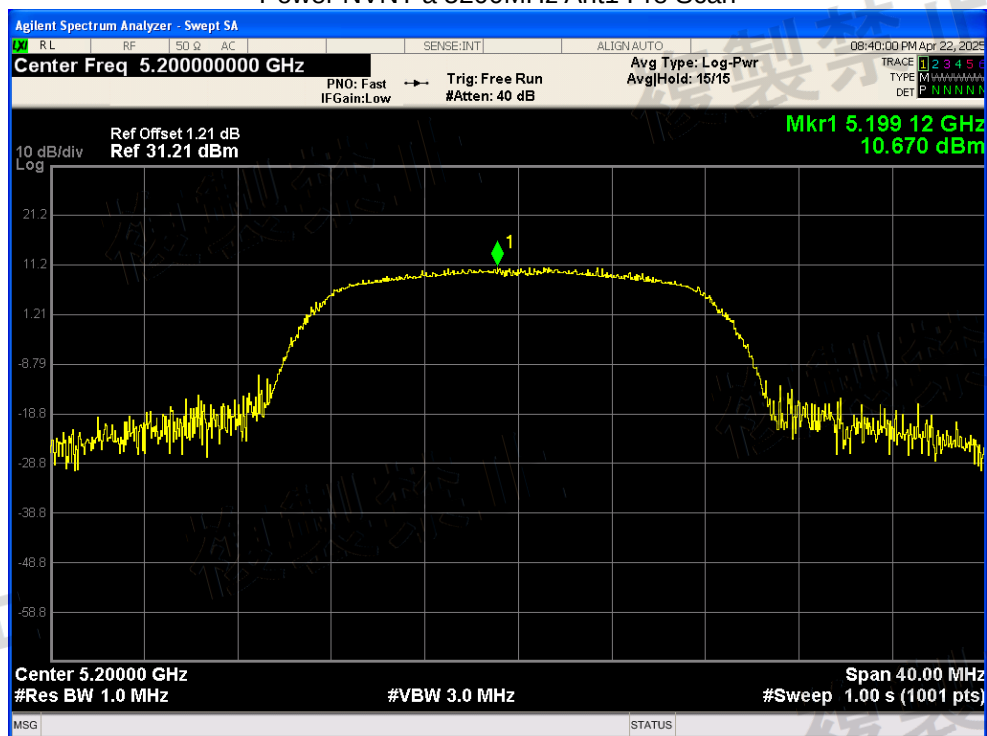
Power NVNT a 5180MHz Ant1 Pre Scan



Power NVNT a 5180MHz Ant1 Zero Span



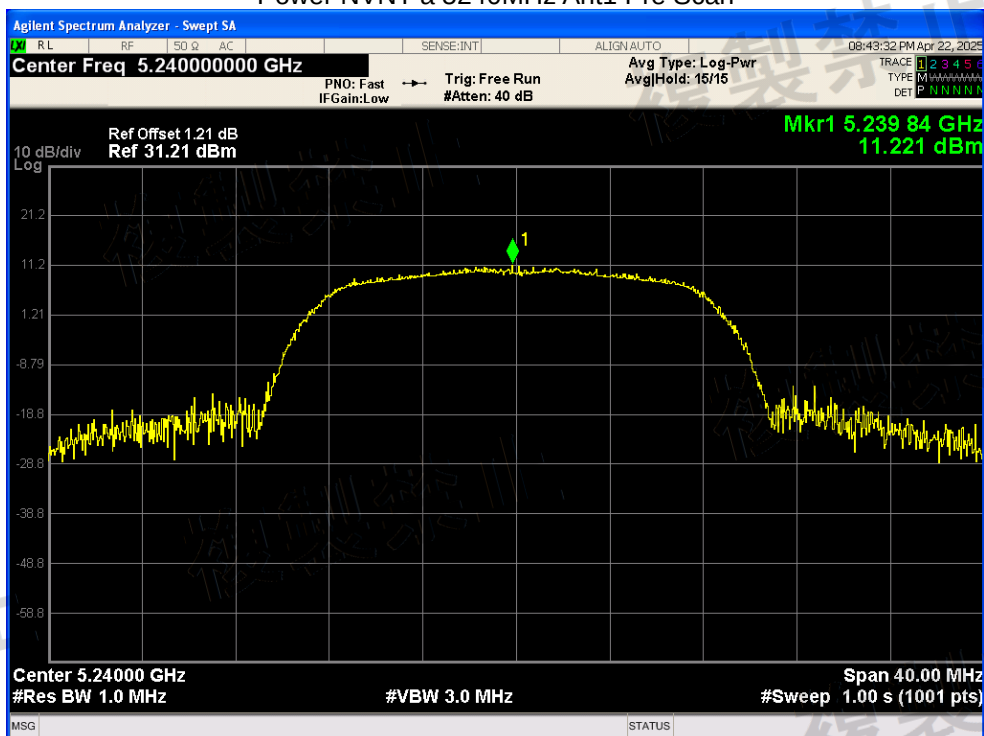
Power NVNT a 5200MHz Ant1 Pre Scan



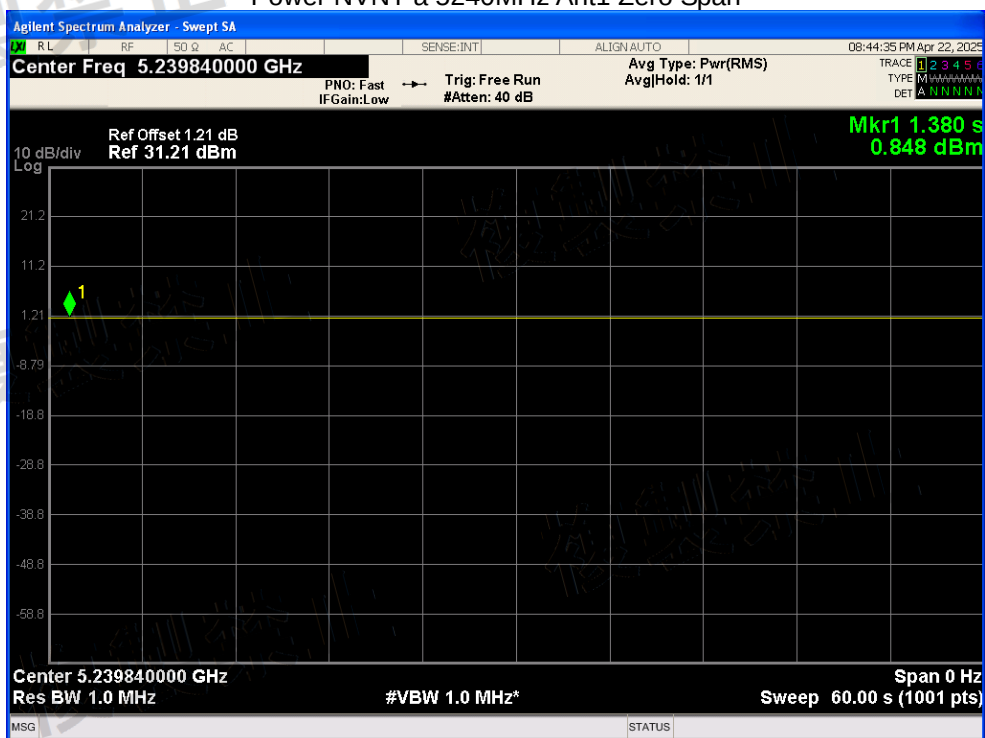
Power NVNT a 5200MHz Ant1 Zero Span



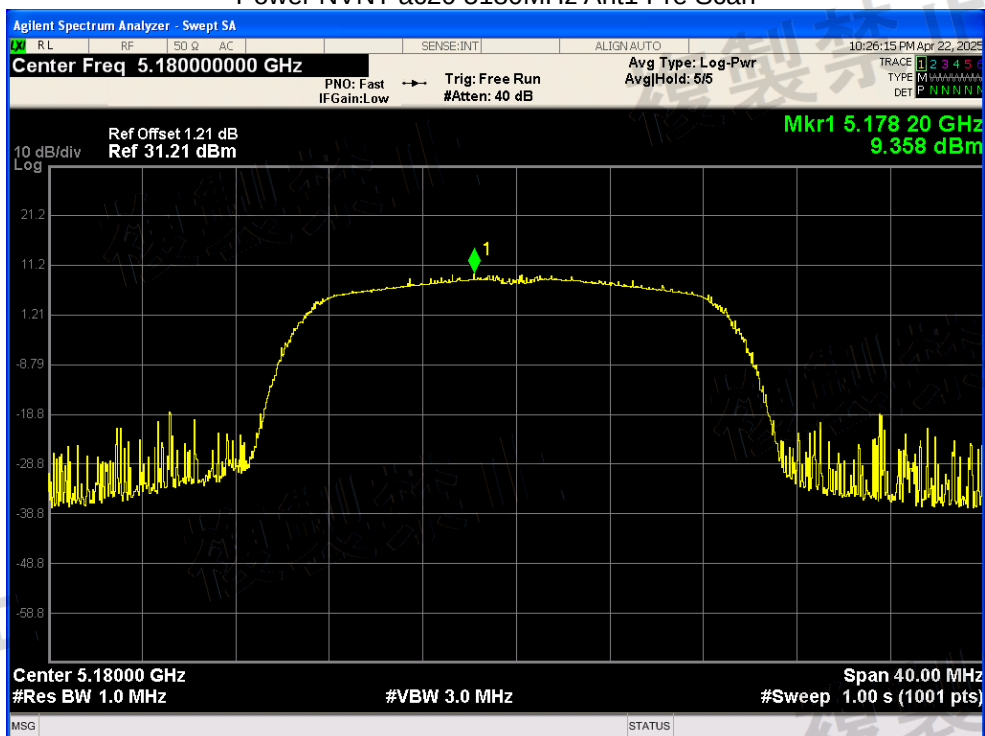
Power NVNT a 5240MHz Ant1 Pre Scan



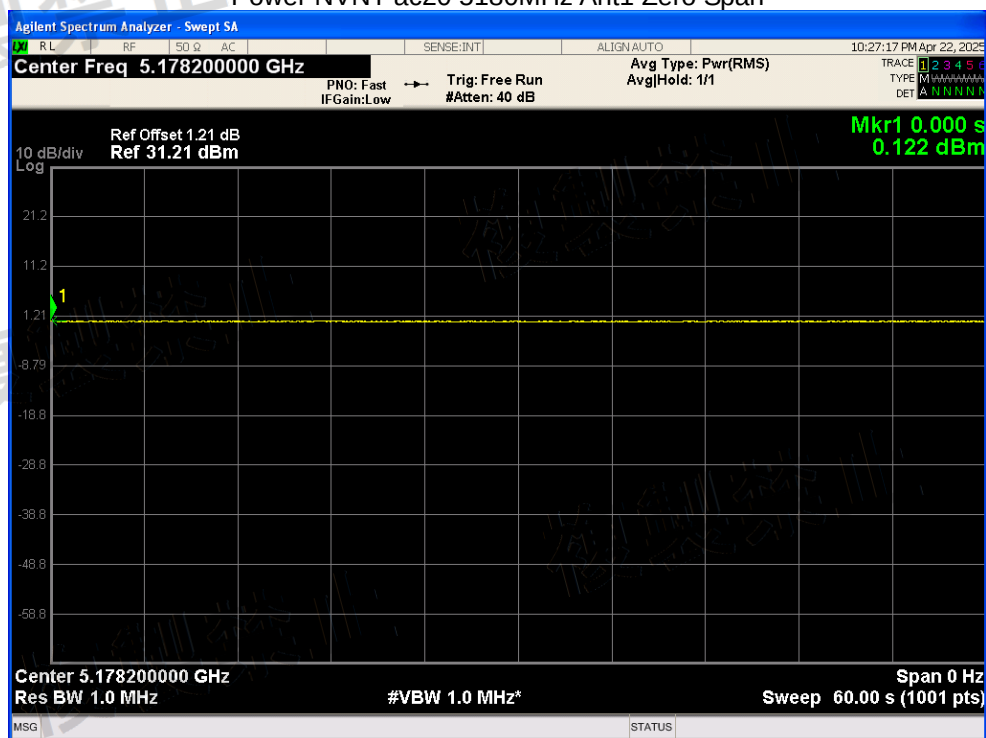
Power NVNT a 5240MHz Ant1 Zero Span



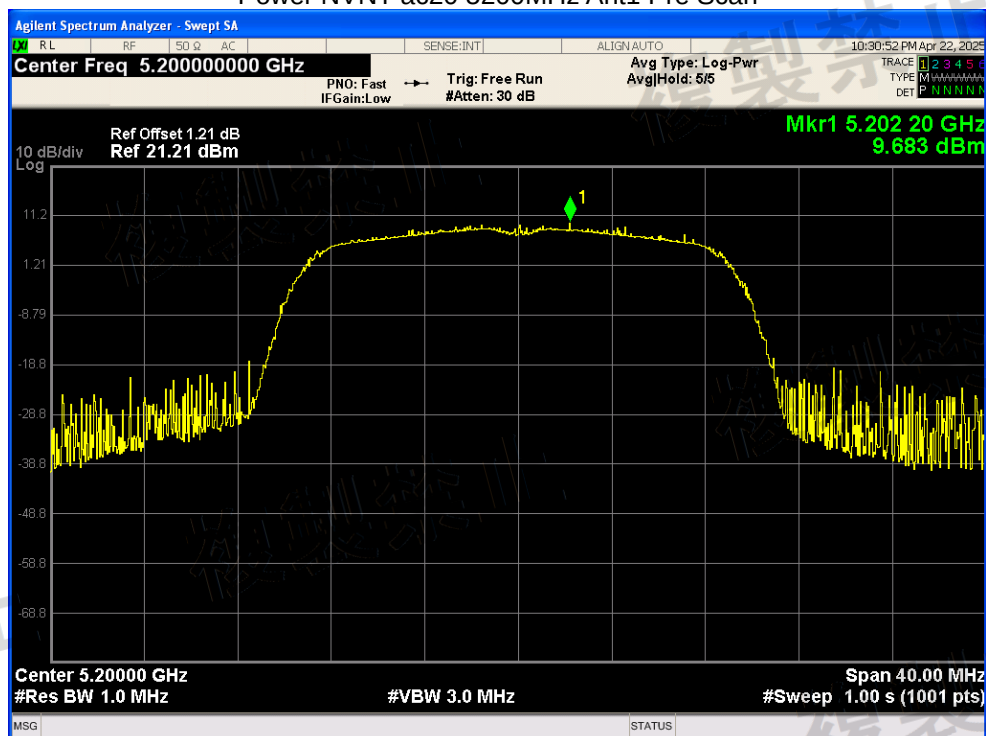
Power NVNT ac20 5180MHz Ant1 Pre Scan



Power NVNT ac20 5180MHz Ant1 Zero Span



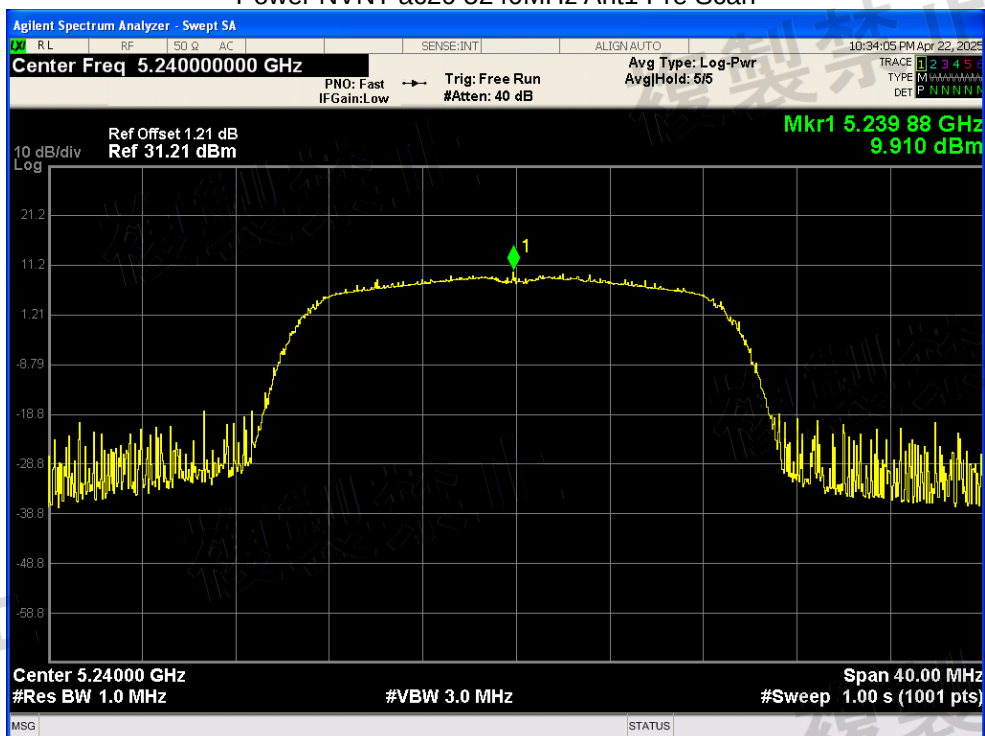
Power NVNT ac20 5200MHz Ant1 Pre Scan



Power NVNT ac20 5200MHz Ant1 Zero Span



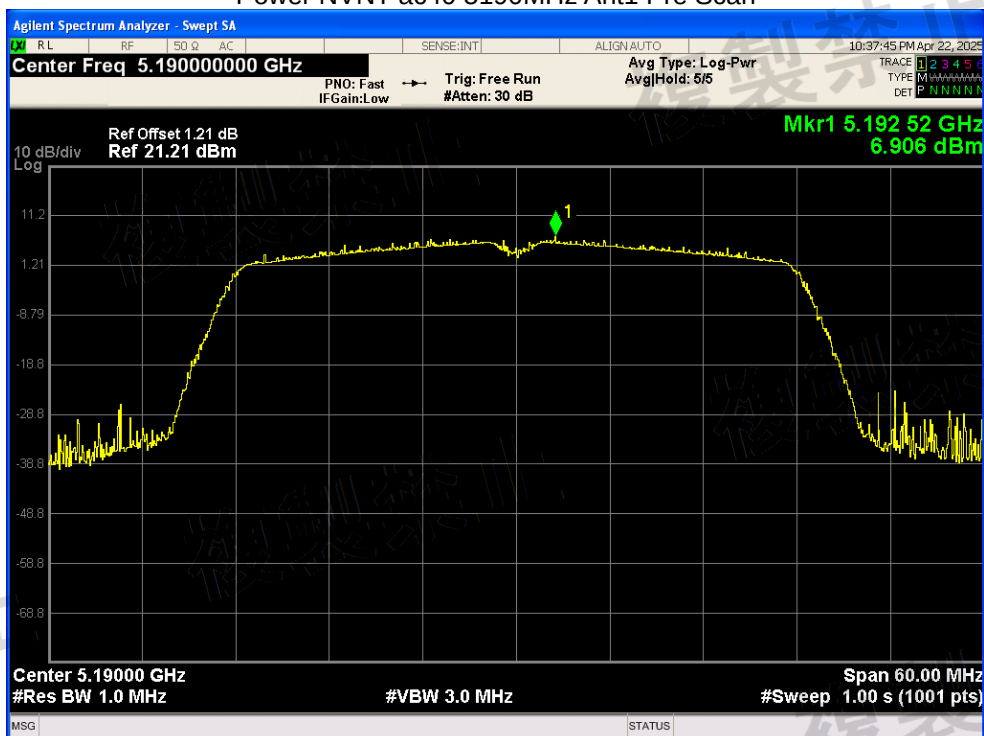
Power NVNT ac20 5240MHz Ant1 Pre Scan



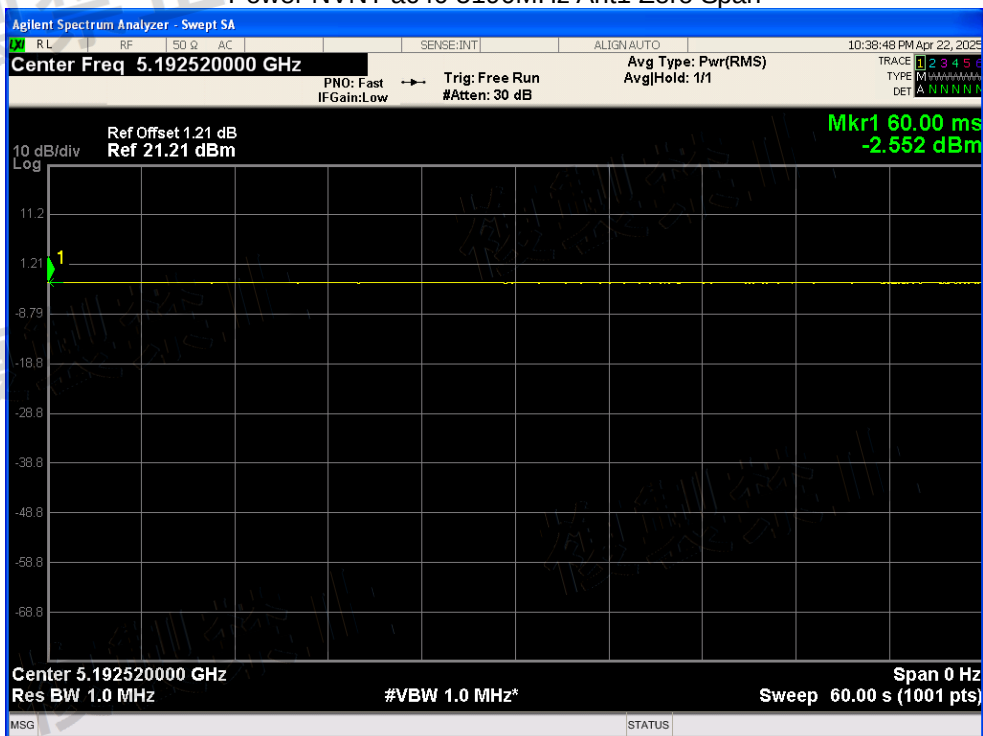
Power NVNT ac20 5240MHz Ant1 Zero Span



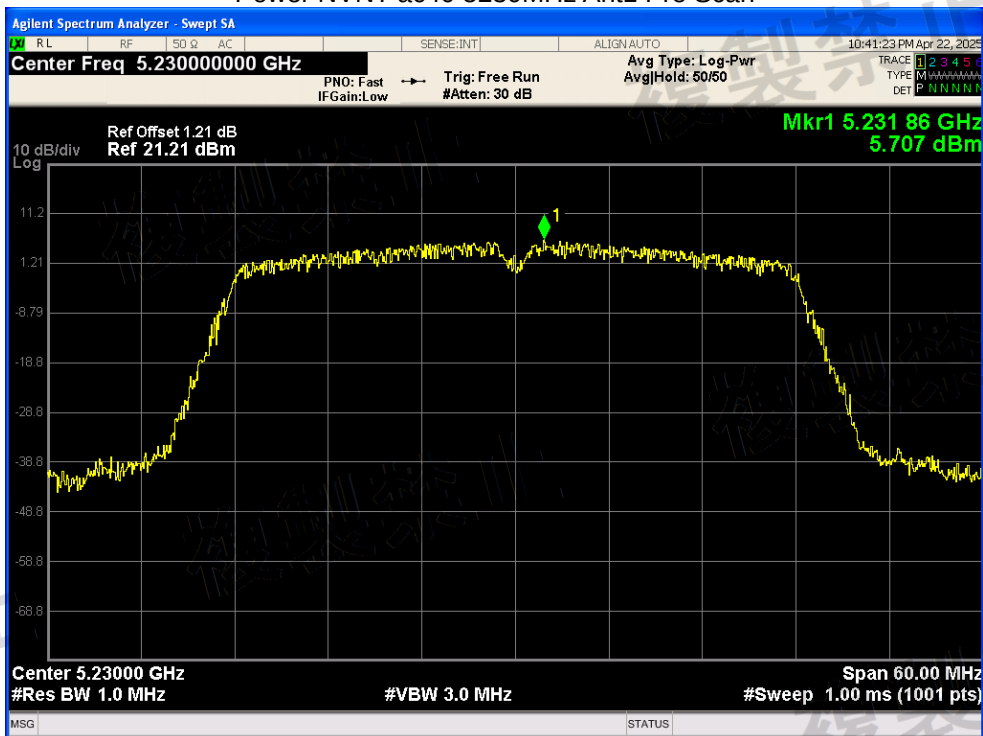
Power NVNT ac40 5190MHz Ant1 Pre Scan



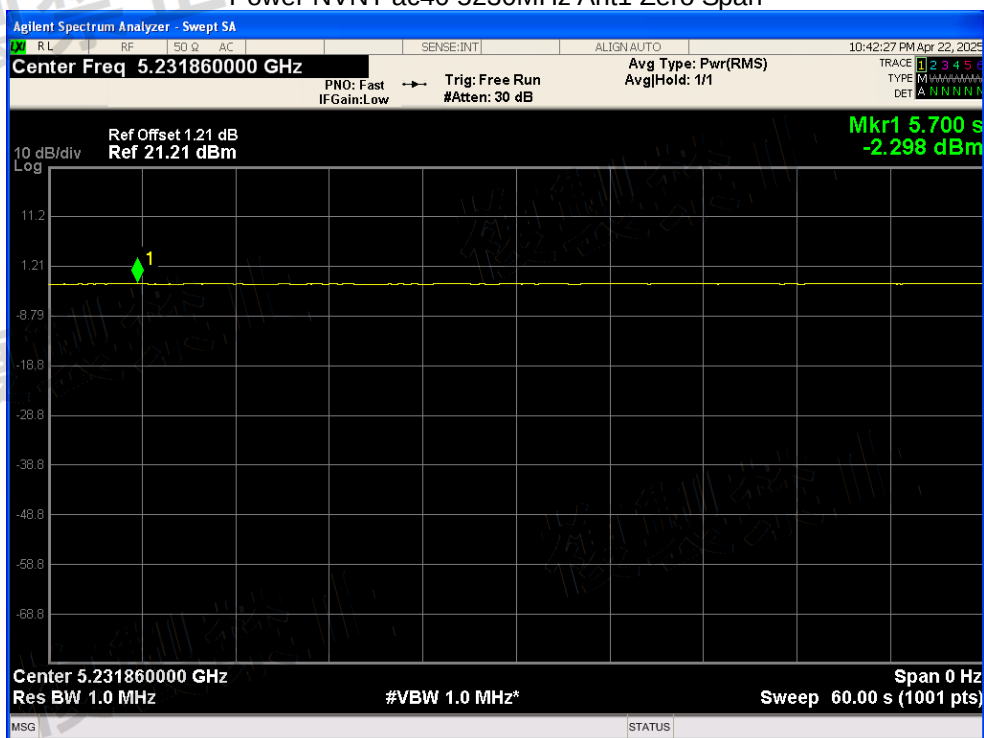
Power NVNT ac40 5190MHz Ant1 Zero Span



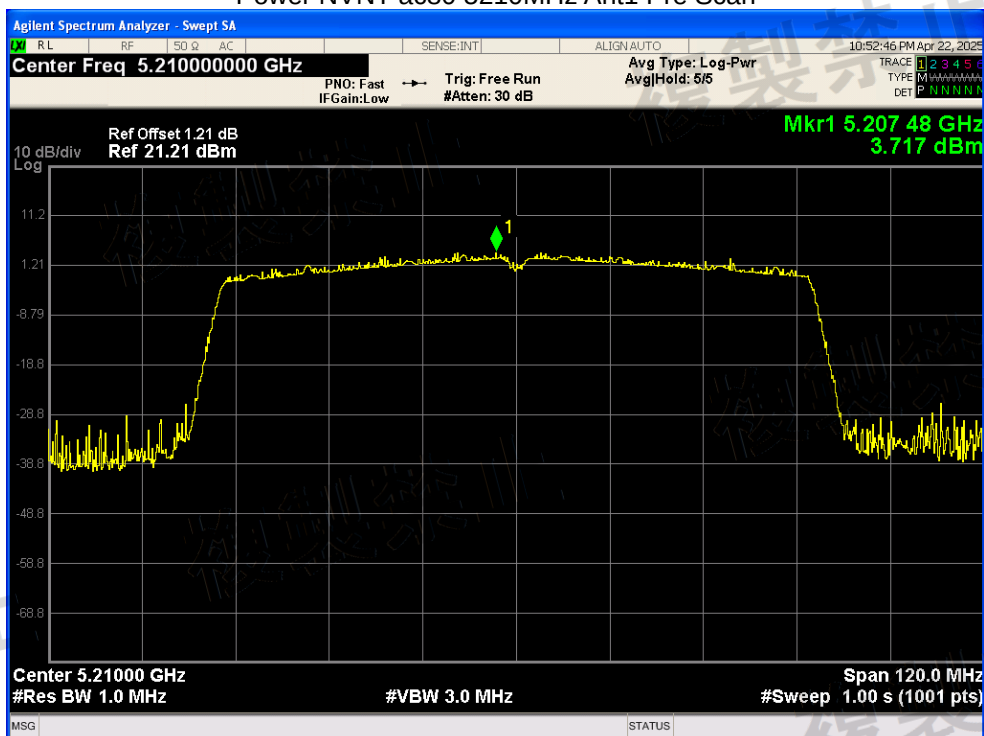
Power NVNT ac40 5230MHz Ant1 Pre Scan



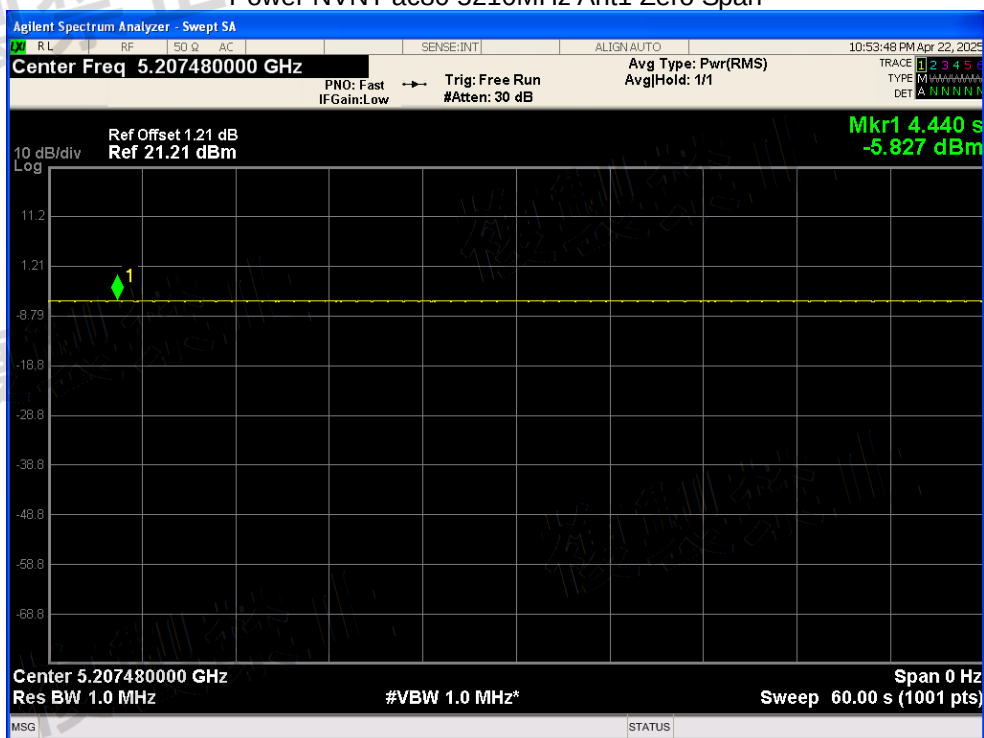
Power NVNT ac40 5230MHz Ant1 Zero Span



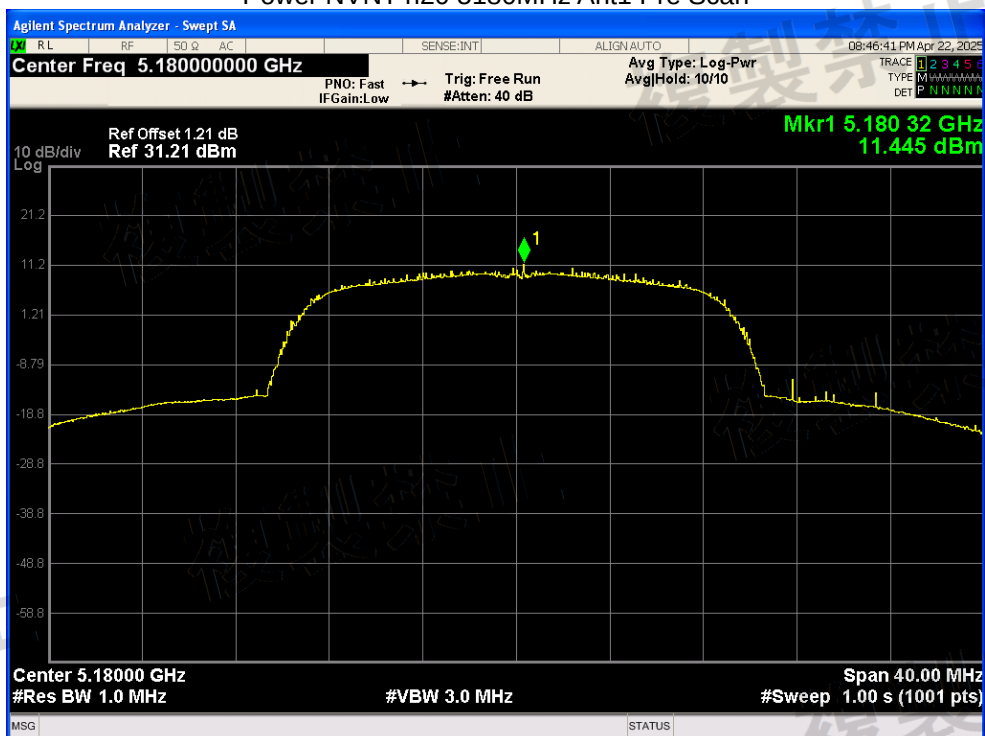
Power NVNT ac80 5210MHz Ant1 Pre Scan



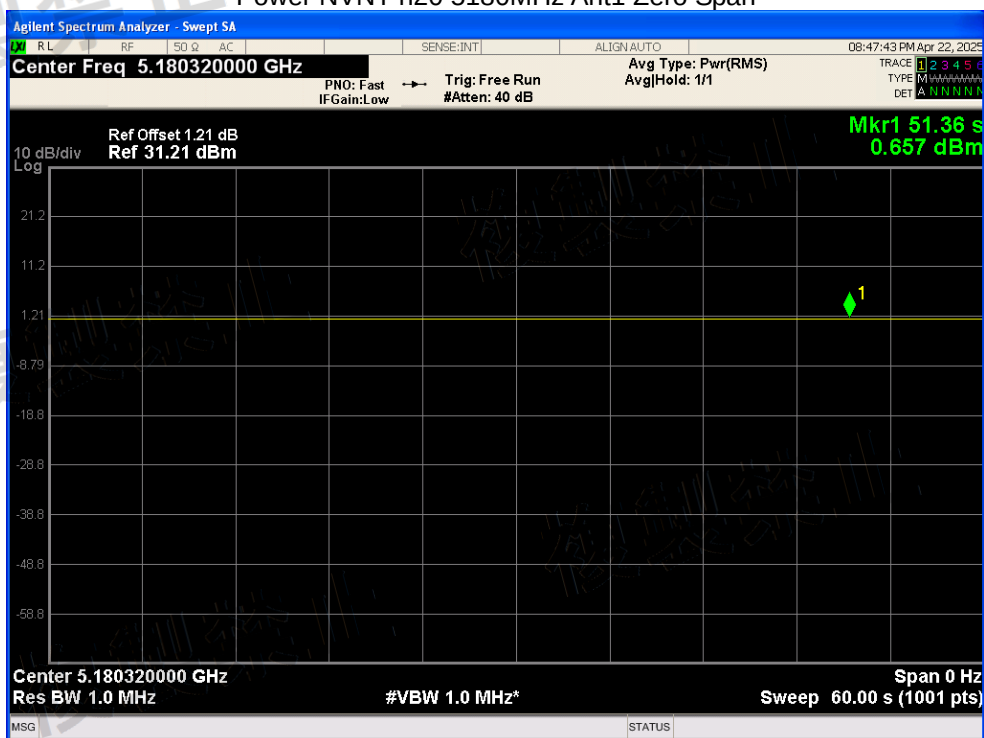
Power NVNT ac80 5210MHz Ant1 Zero Span



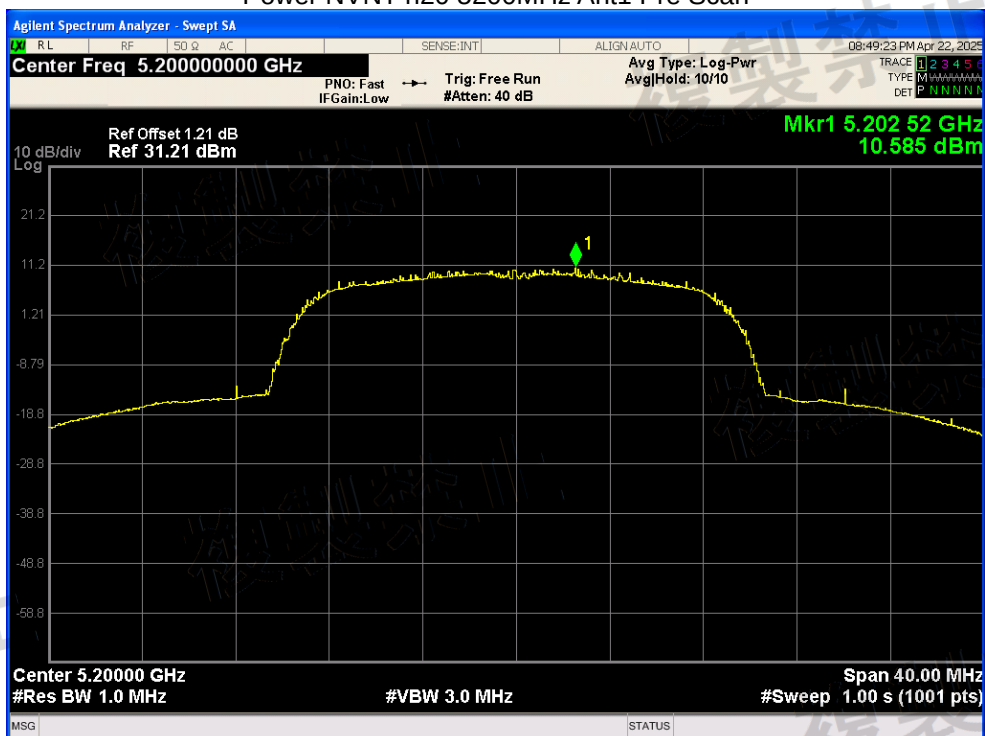
Power NVNT n20 5180MHz Ant1 Pre Scan



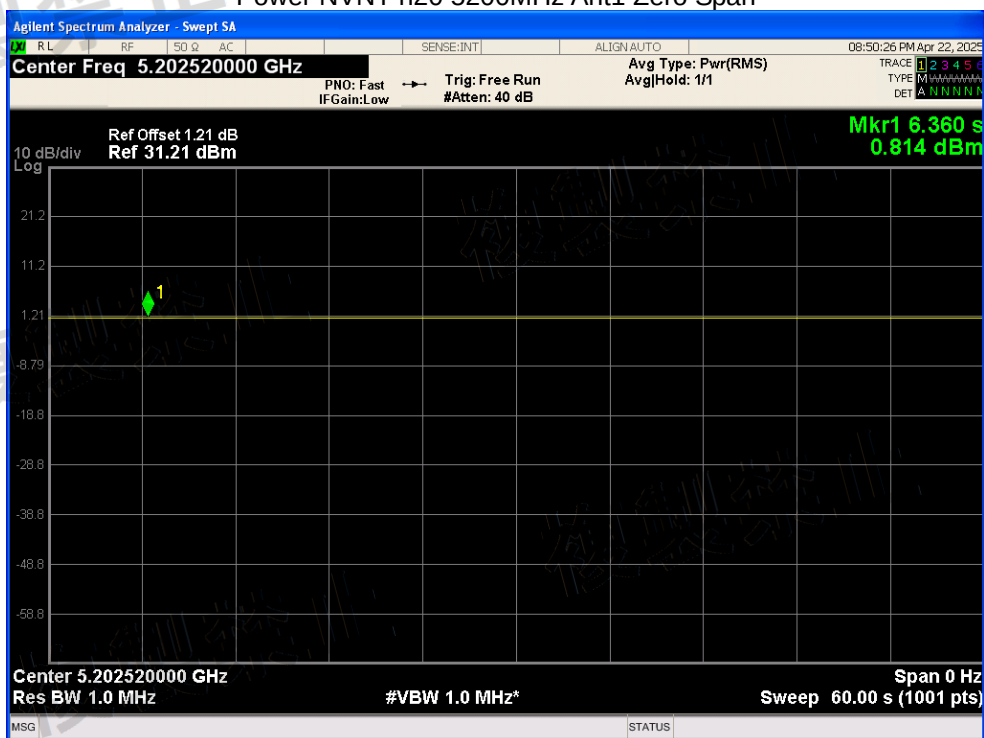
Power NVNT n20 5180MHz Ant1 Zero Span



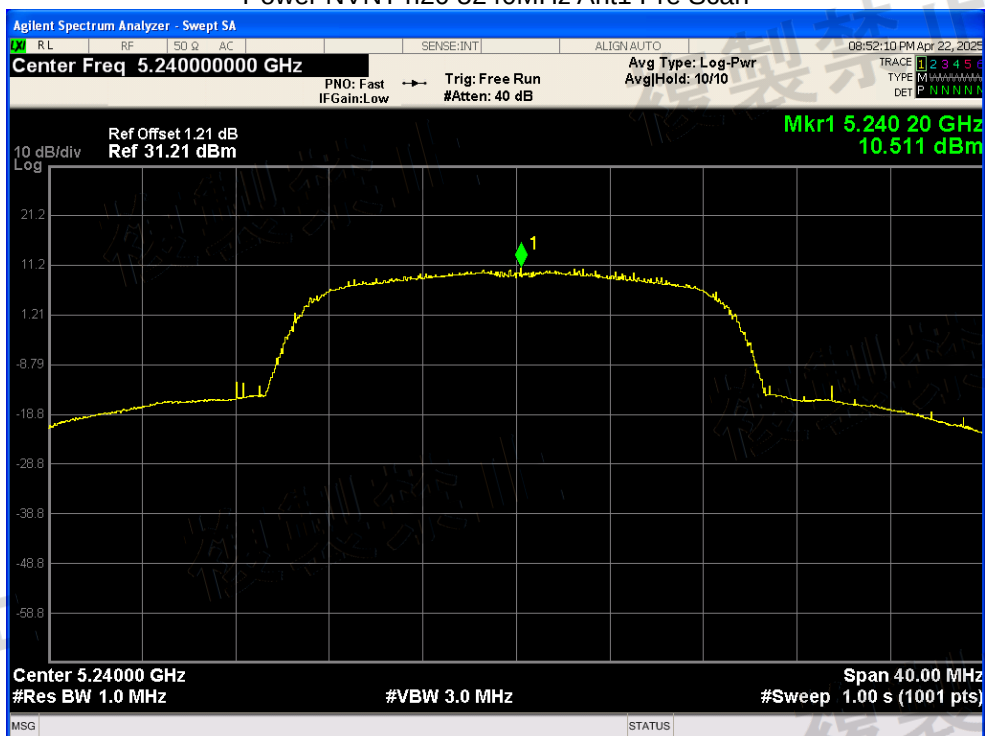
Power NVNT n20 5200MHz Ant1 Pre Scan



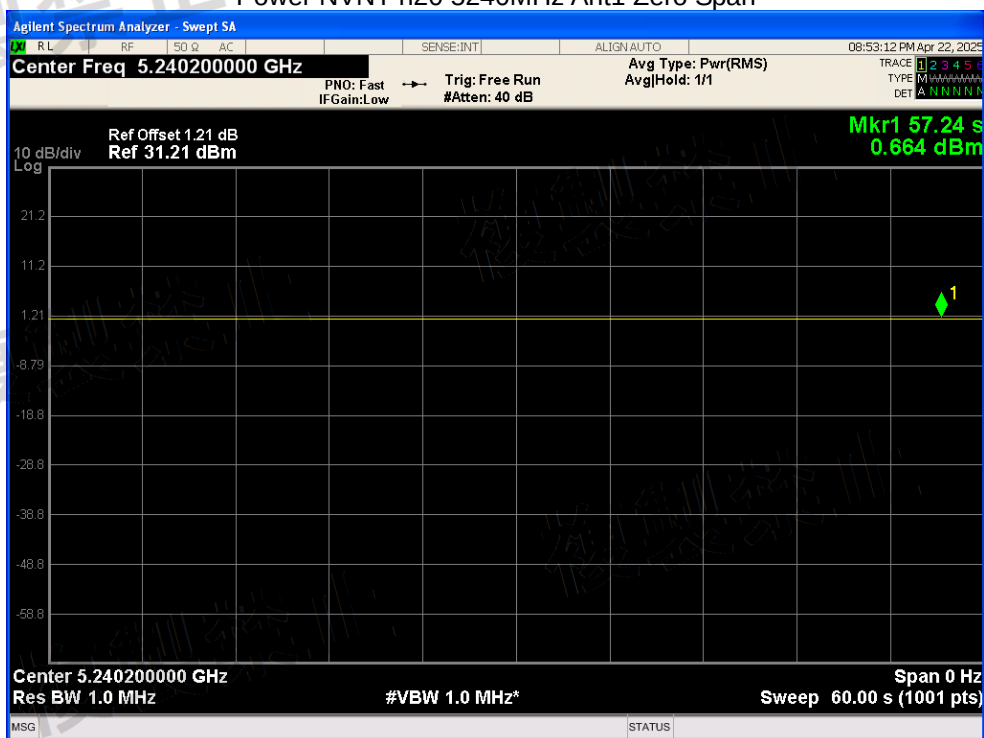
Power NVNT n20 5200MHz Ant1 Zero Span



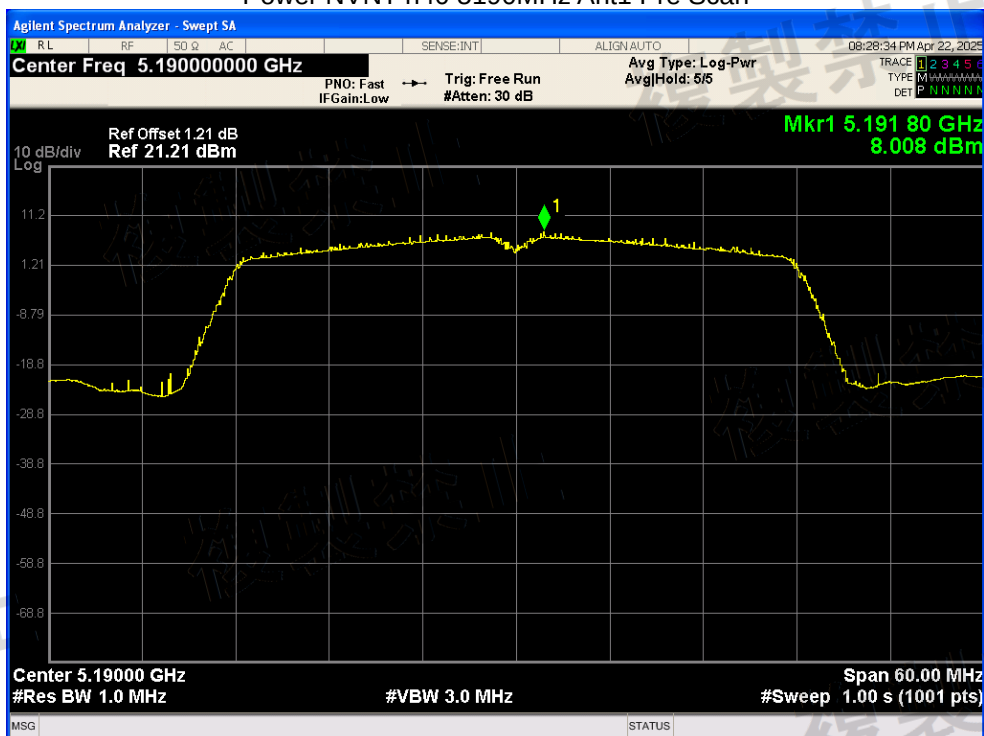
Power NVNT n20 5240MHz Ant1 Pre Scan



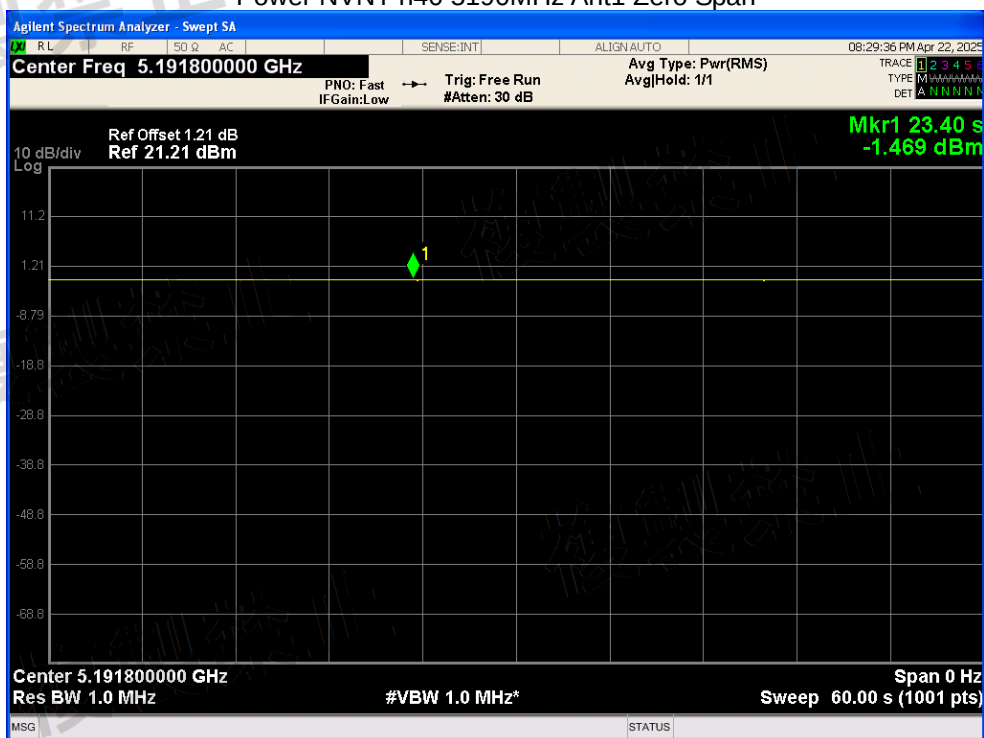
Power NVNT n20 5240MHz Ant1 Zero Span



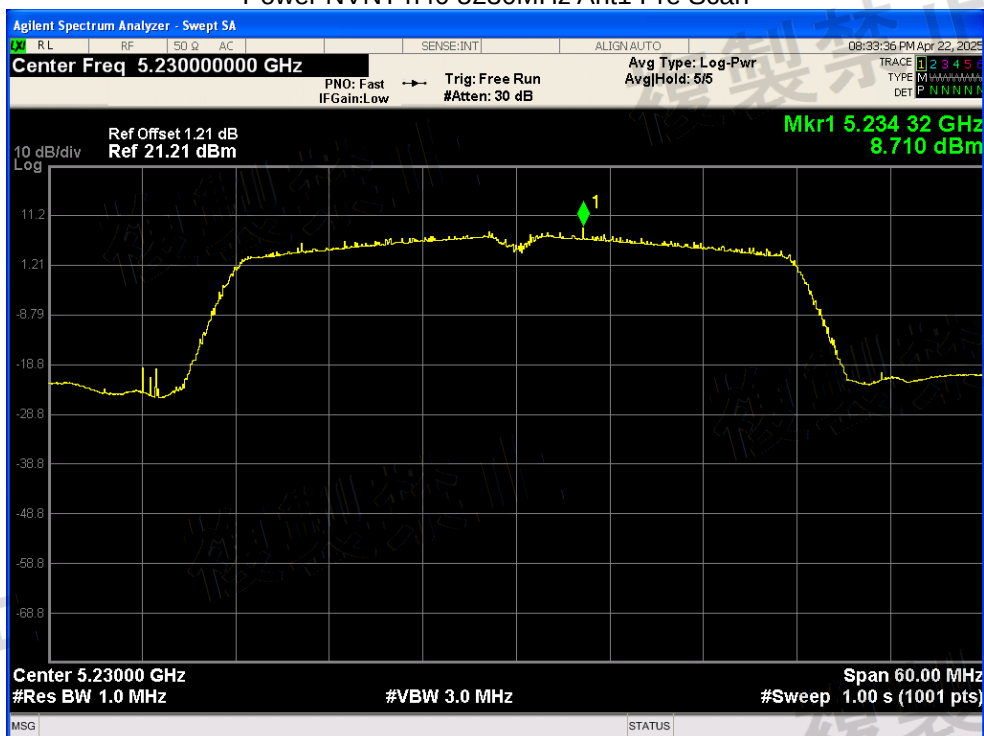
Power NVNT n40 5190MHz Ant1 Pre Scan



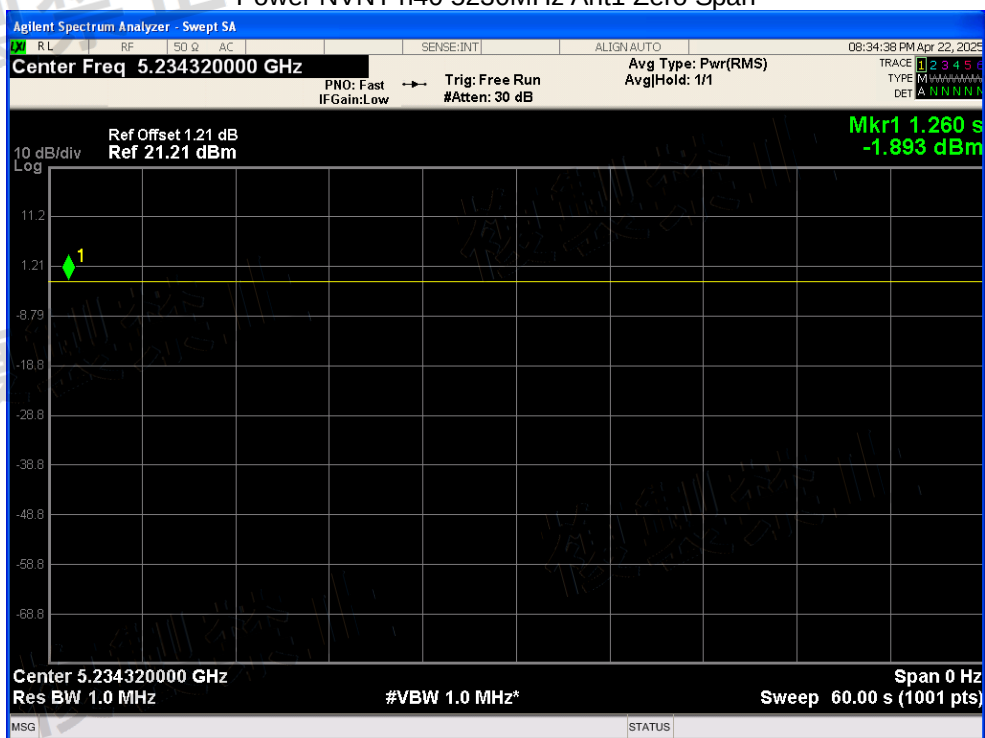
Power NVNT n40 5190MHz Ant1 Zero Span



Power NVNT n40 5230MHz Ant1 Pre Scan



Power NVNT n40 5230MHz Ant1 Zero Span



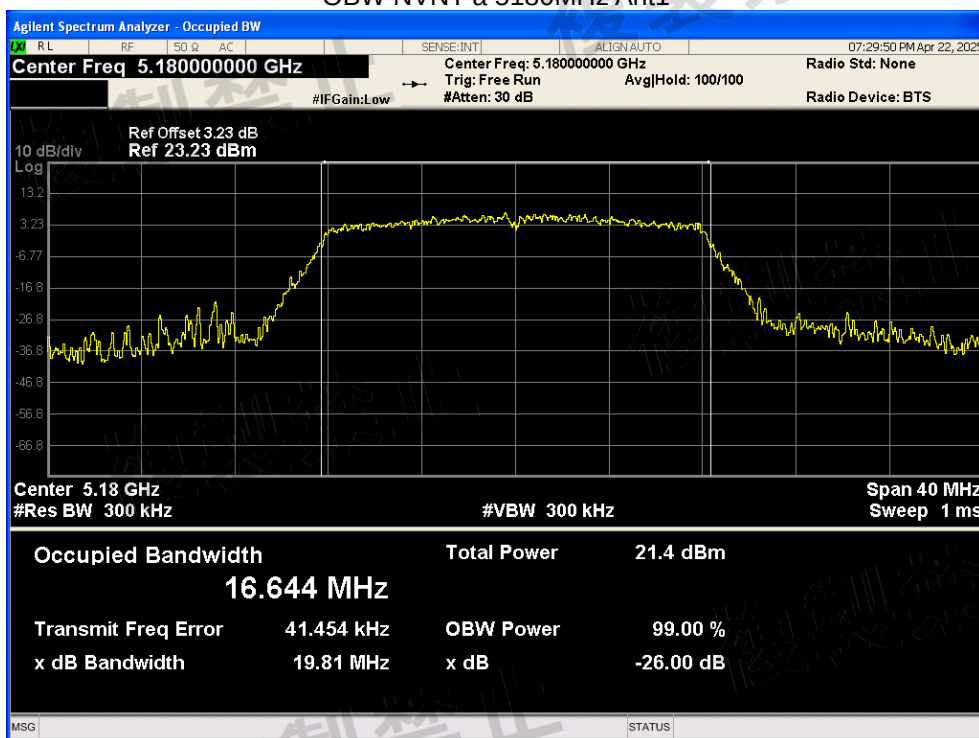
14.2 EIRP POWER

Condition	Mode	Frequency (MHz)	Antenna	Antenna Power (mW/MHz)	Gain (dBi)	EIRP Power (mW/MHz)	Limit (mW/MHz)	Verdict
NVNT	a	5180	Ant1	1.333	2.02	2.122	10	Pass
NVNT	a	5200	Ant1	1.468	2.02	2.337	10	Pass
NVNT	a	5240	Ant1	1.216	2.02	1.936	10	Pass
NVNT	ac20	5180	Ant1	1.028	2.02	1.638	10	Pass
NVNT	ac20	5200	Ant1	1.001	2.02	1.593	10	Pass
NVNT	ac20	5240	Ant1	0.888	2.02	1.414	10	Pass
NVNT	ac40	5190	Ant1	0.556	2.02	0.885	5	Pass
NVNT	ac40	5230	Ant1	0.589	2.02	0.938	5	Pass
NVNT	ac80	5210	Ant1	0.261	2.02	0.416	2.5	Pass
NVNT	n20	5180	Ant1	1.163	2.02	1.852	10	Pass
NVNT	n20	5200	Ant1	1.206	2.02	1.92	10	Pass
NVNT	n20	5240	Ant1	1.165	2.02	1.855	10	Pass
NVNT	n40	5190	Ant1	0.713	2.02	1.135	5	Pass
NVNT	n40	5230	Ant1	0.647	2.02	1.03	5	Pass

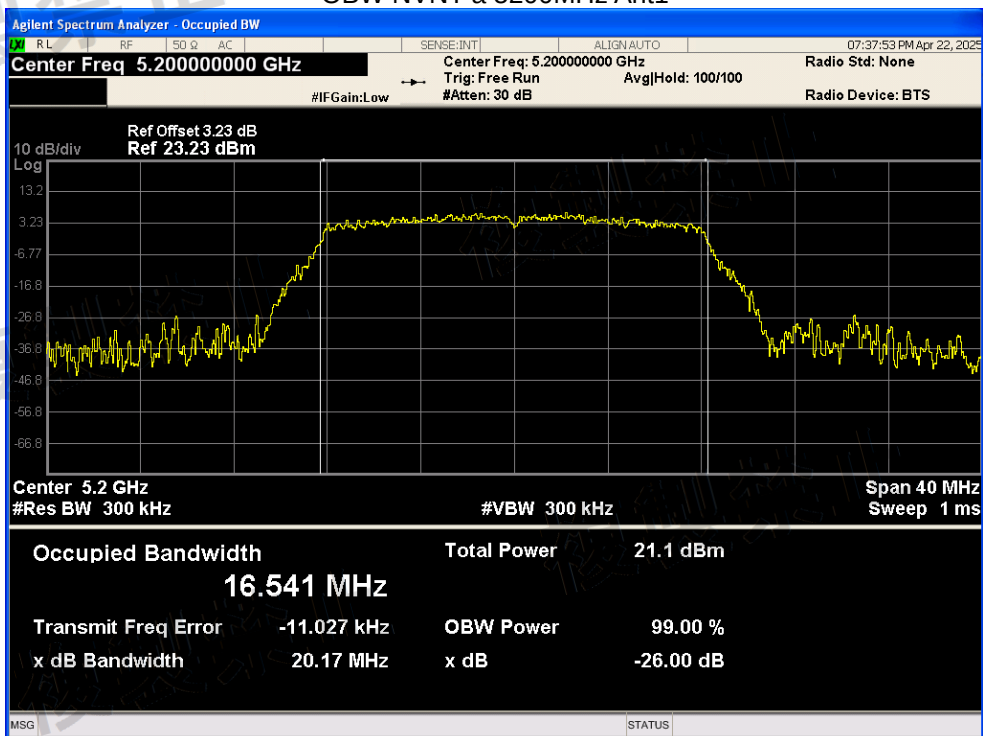
14.3 OCCUPIED CHANNEL BANDWIDTH

Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)	Limit (MHz)	Verdict
NVNT	a	5180	Ant1	16.644	20	Pass
NVNT	a	5200	Ant1	16.541	20	Pass
NVNT	a	5240	Ant1	16.532	20	Pass
NVNT	ac20	5180	Ant1	17.638	20	Pass
NVNT	ac20	5200	Ant1	17.63	20	Pass
NVNT	ac20	5240	Ant1	17.618	20	Pass
NVNT	ac40	5190	Ant1	35.865	40	Pass
NVNT	ac40	5230	Ant1	35.901	40	Pass
NVNT	ac80	5210	Ant1	75.272	80	Pass
NVNT	n20	5180	Ant1	17.666	20	Pass
NVNT	n20	5200	Ant1	17.719	20	Pass
NVNT	n20	5240	Ant1	17.628	20	Pass
NVNT	n40	5190	Ant1	35.983	40	Pass
NVNT	n40	5230	Ant1	35.952	40	Pass

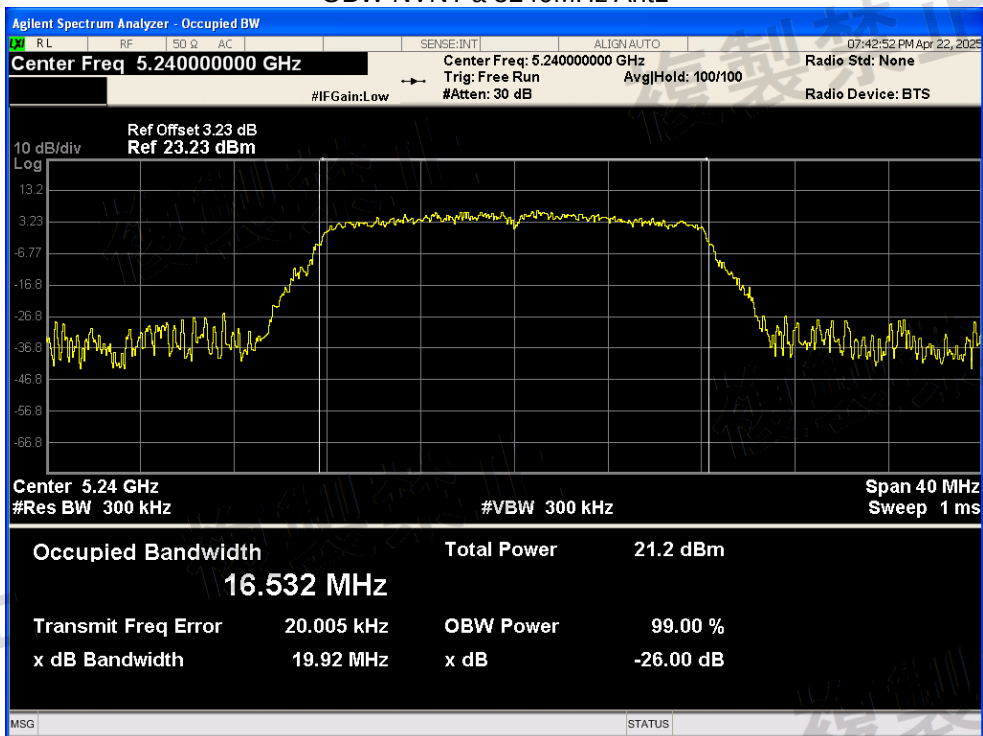
OBW NVNT a 5180MHz Ant1



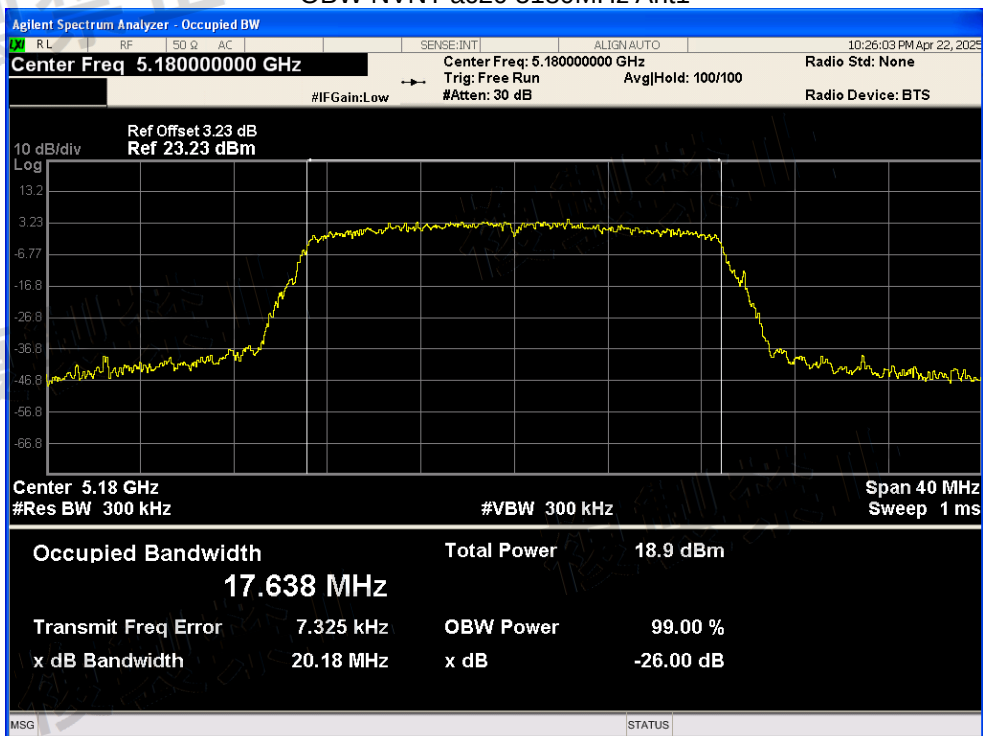
OBW NVNT a 5200MHz Ant1



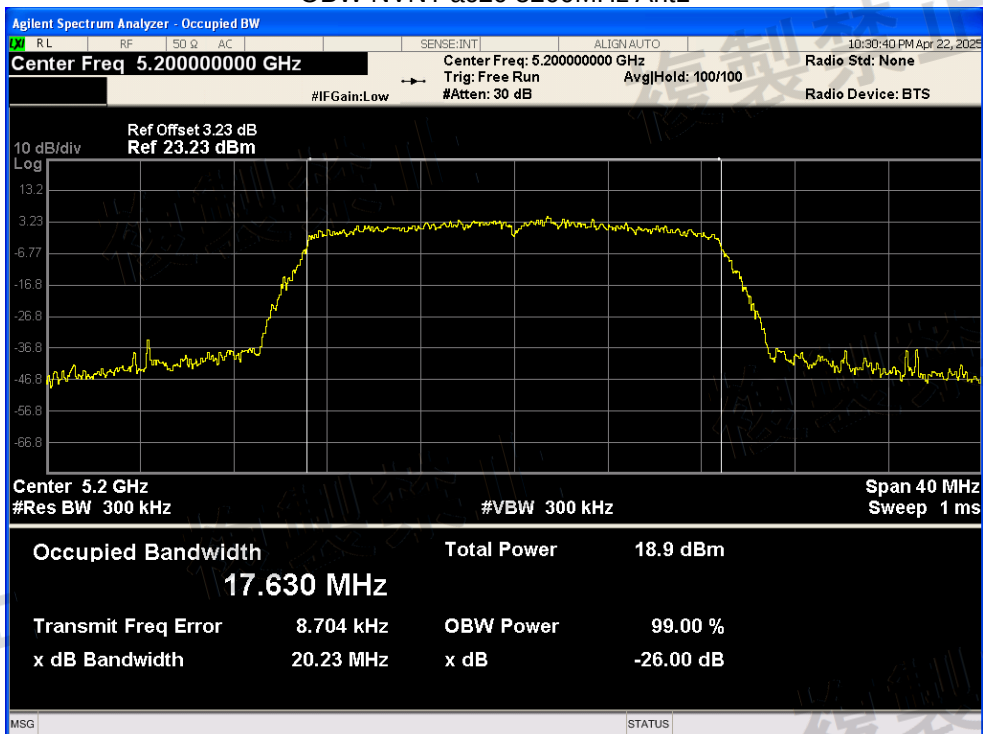
OBW NVNT a 5240MHz Ant1



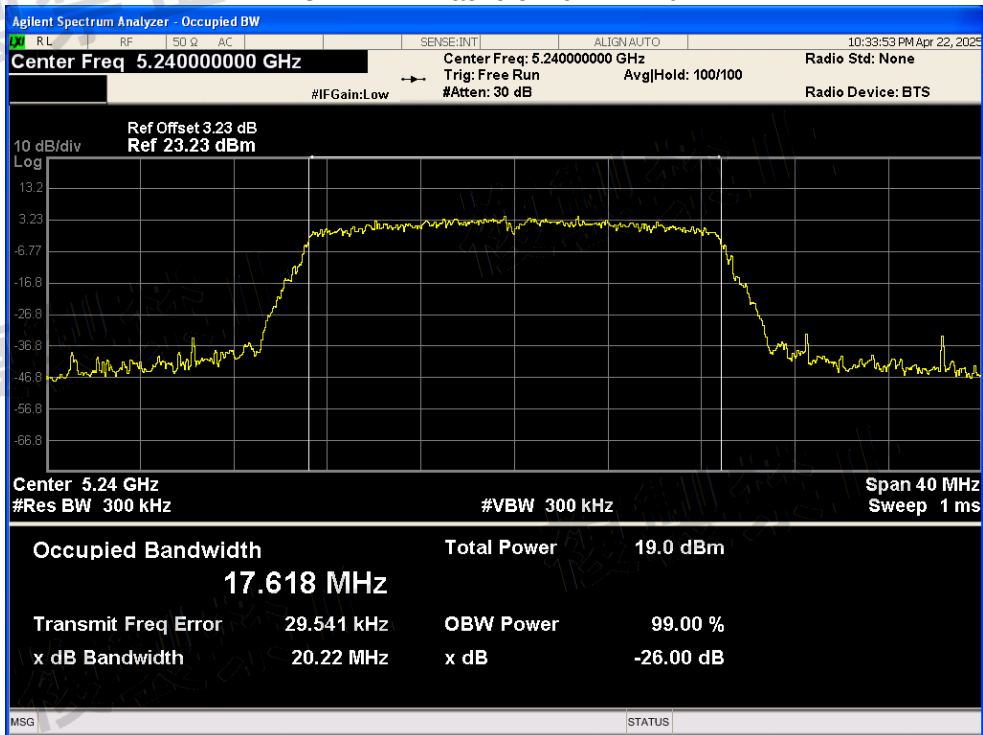
OBW NVNT ac20 5180MHz Ant1



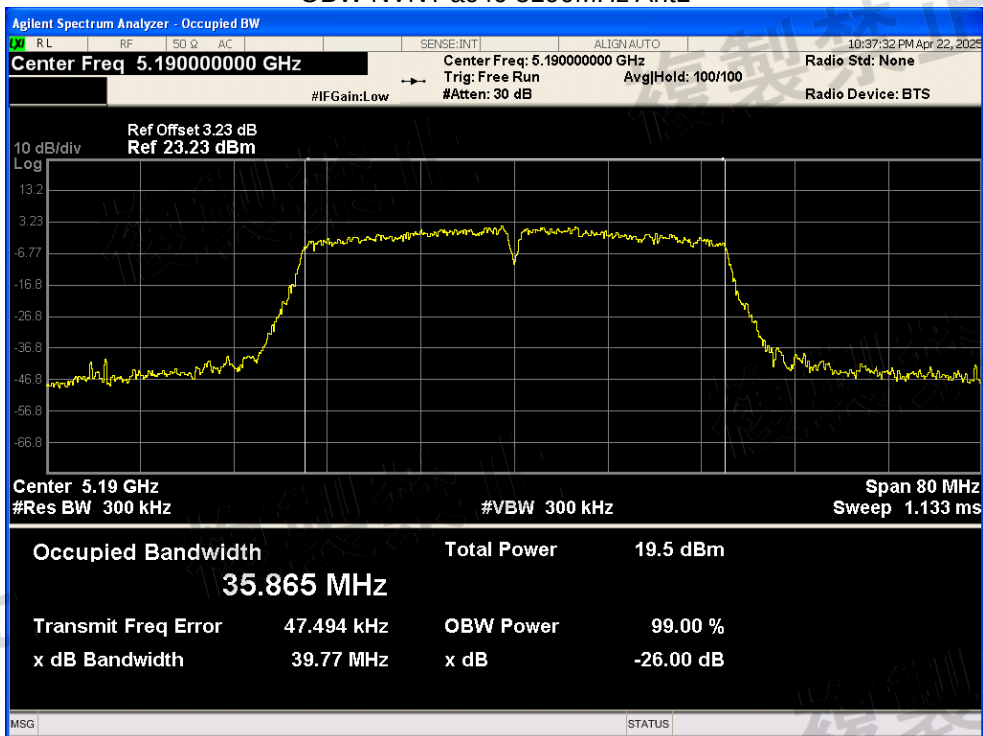
OBW NVNT ac20 5200MHz Ant1



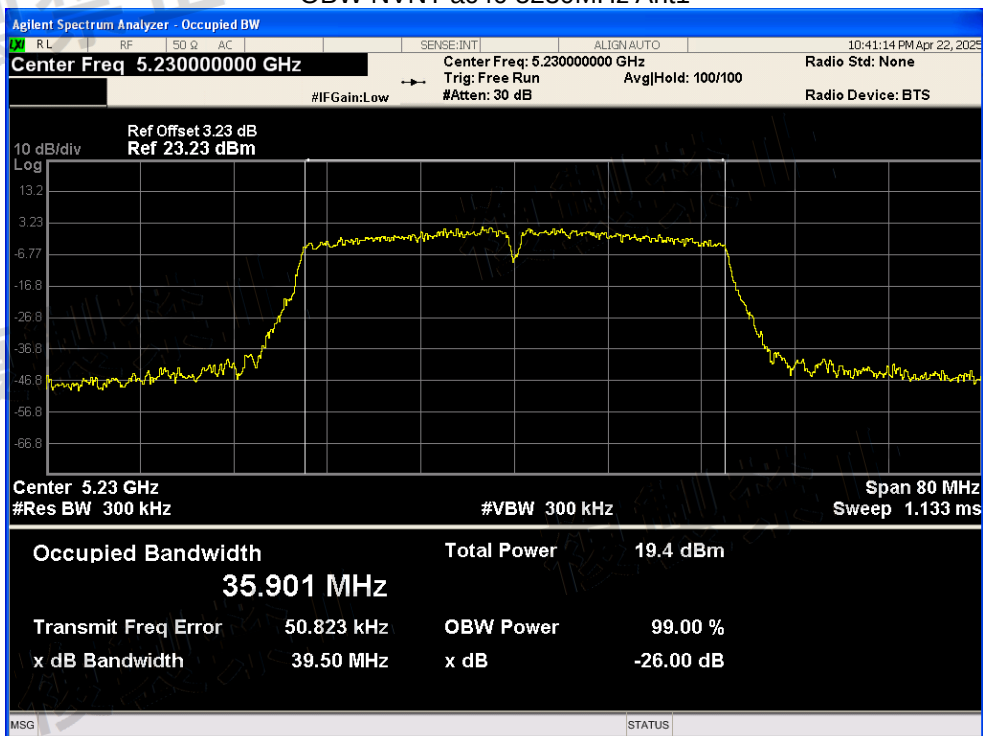
OBW NVNT ac20 5240MHz Ant1



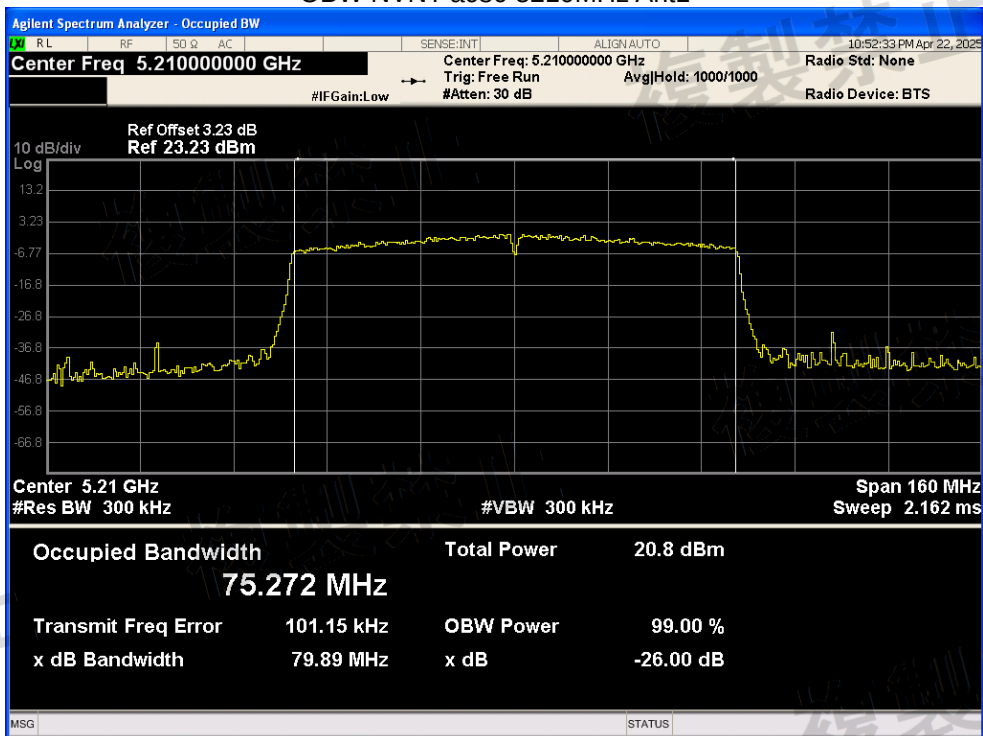
OBW NVNT ac40 5190MHz Ant1



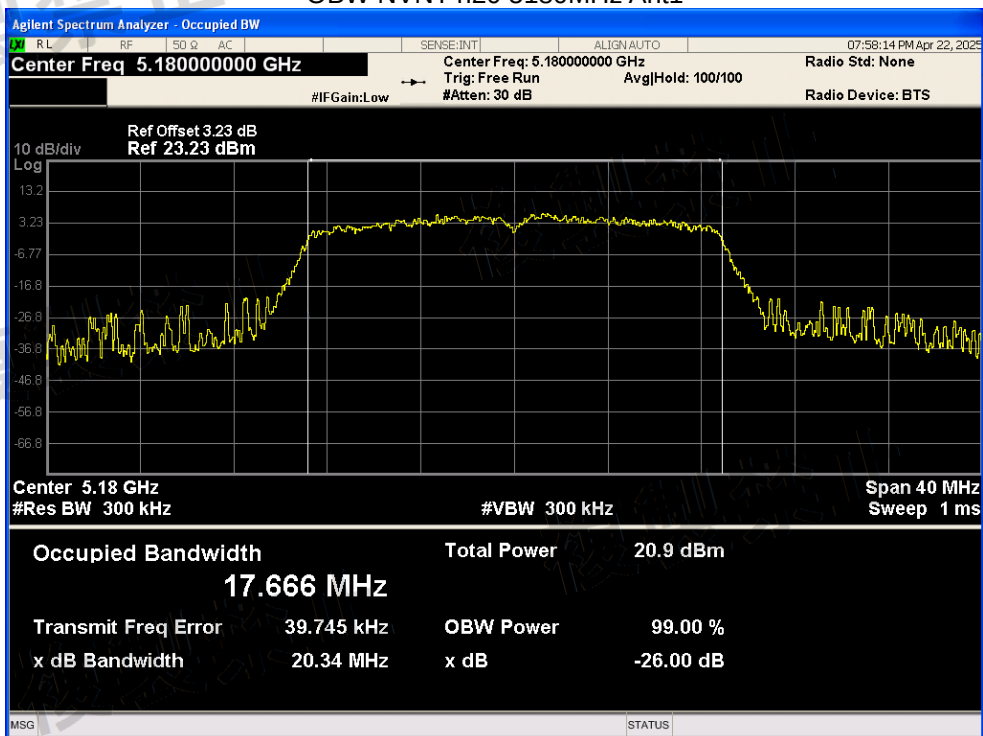
OBW NVNT ac40 5230MHz Ant1



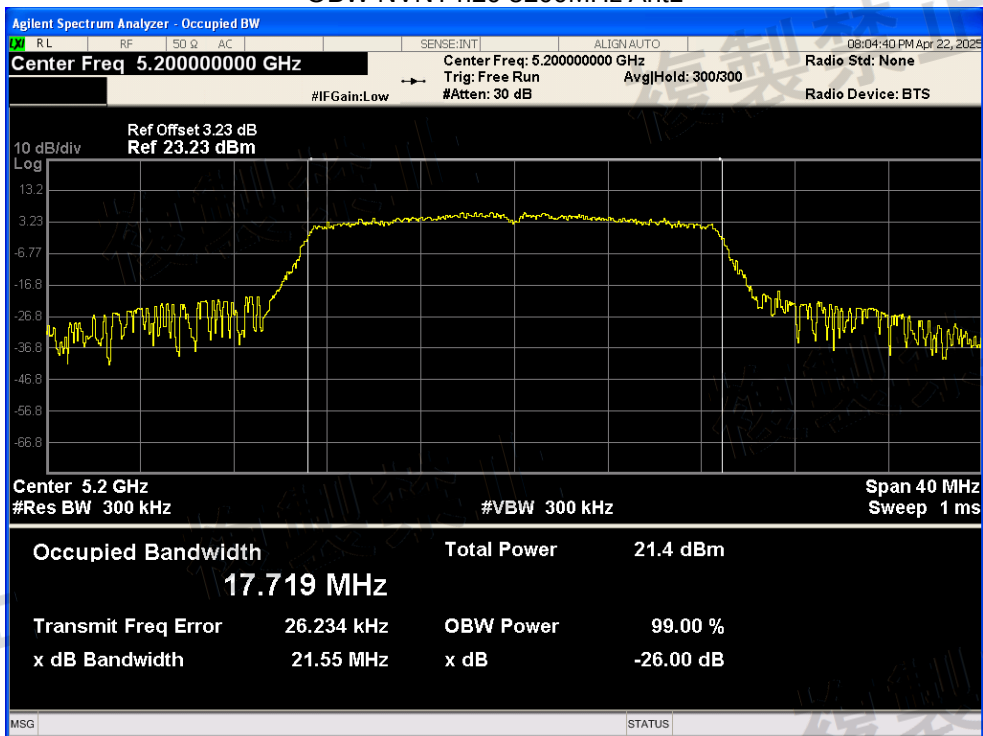
OBW NVNT ac80 5210MHz Ant1



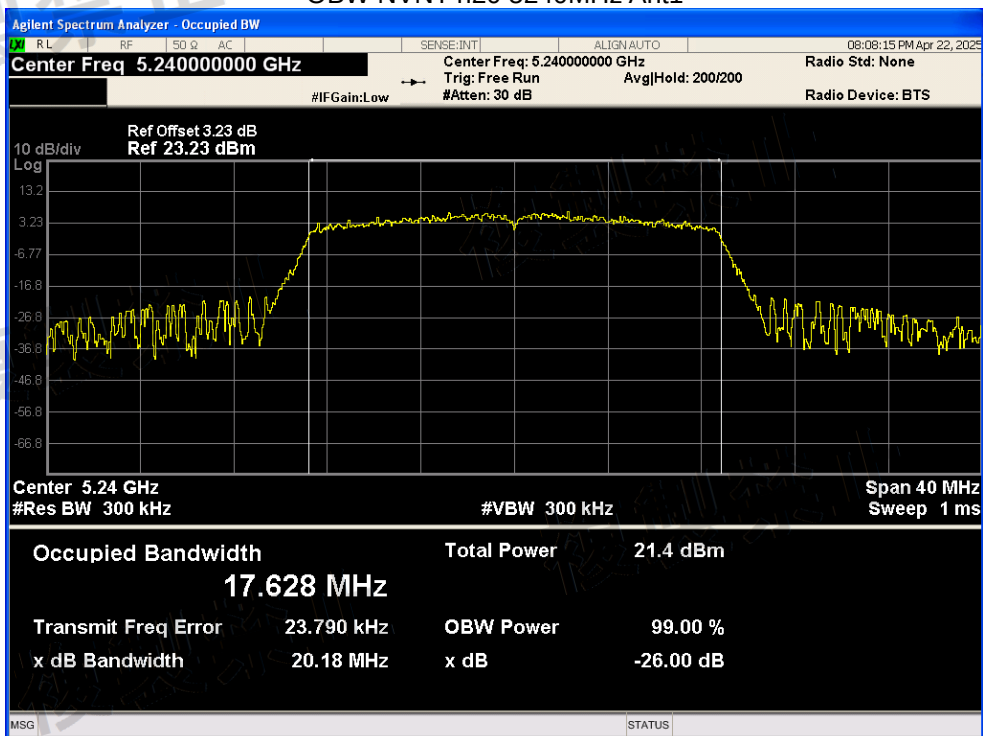
OBW NVNT n20 5180MHz Ant1



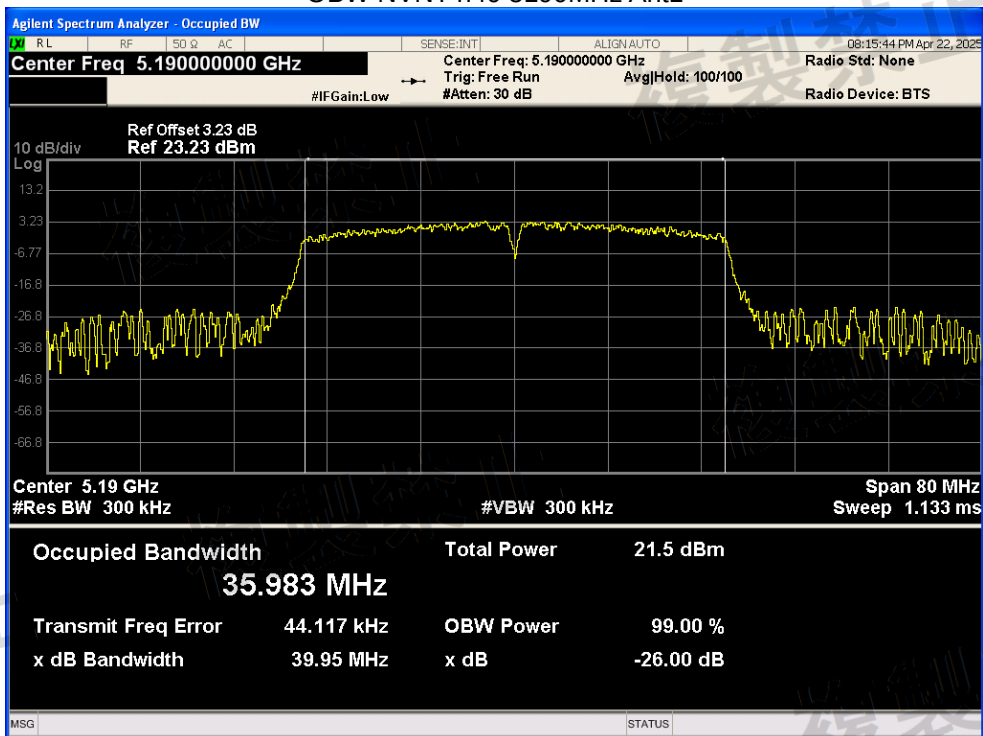
OBW NVNT n20 5200MHz Ant1



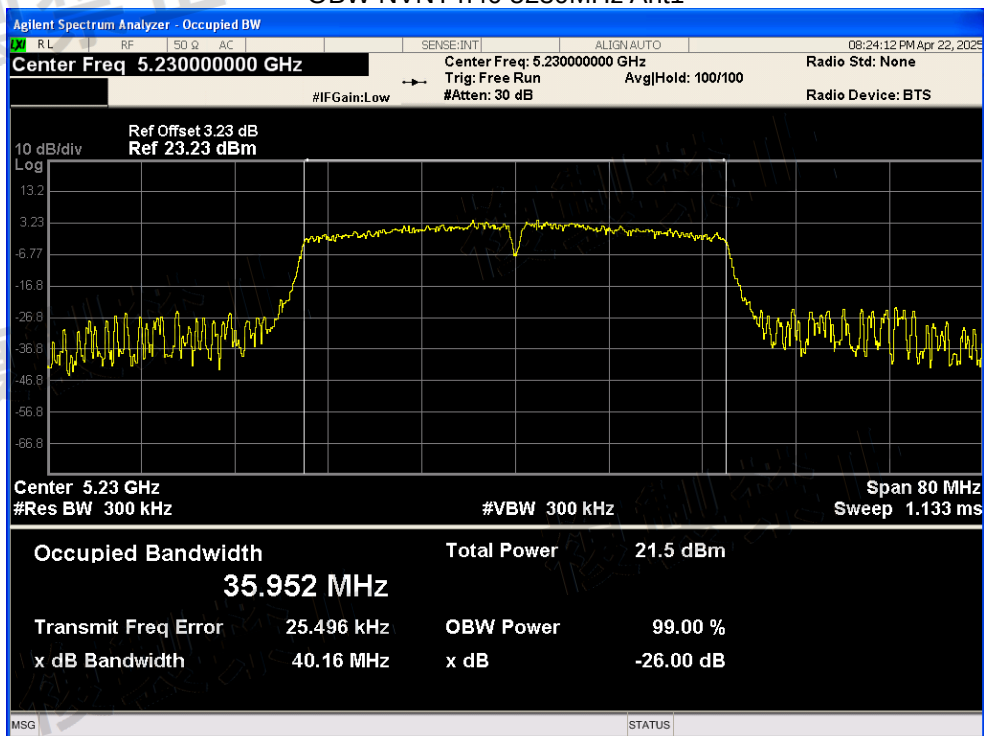
OBW NVNT n20 5240MHz Ant1



OBW NVNT n40 5190MHz Ant1



OBW NVNT n40 5230MHz Ant1



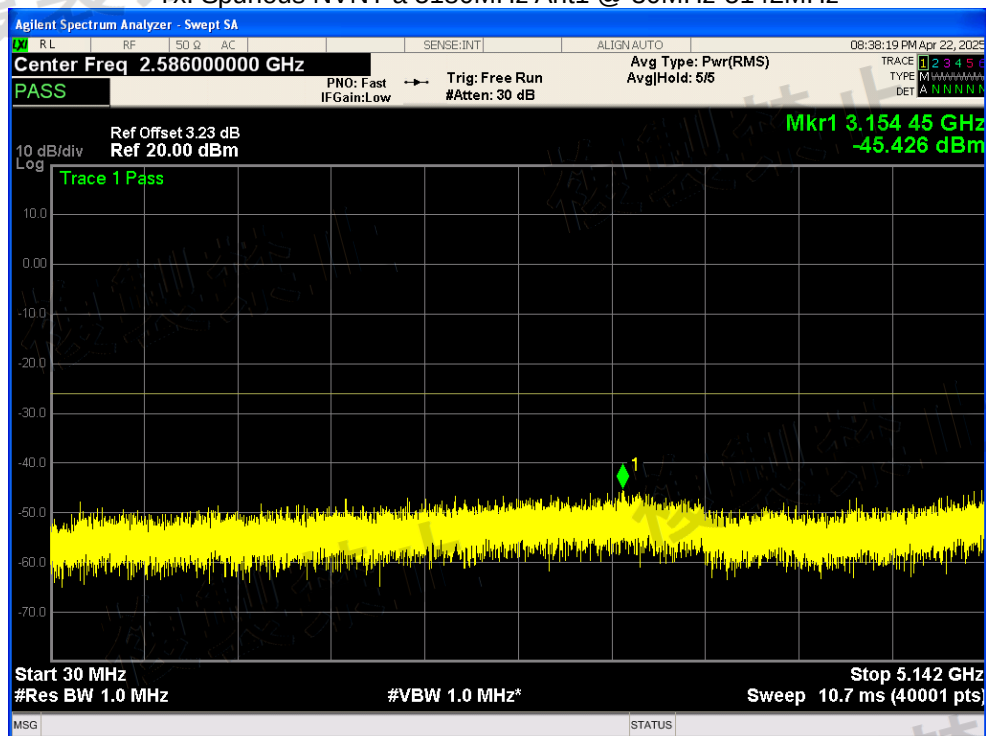
14.4 TX SPURIOUS EMISSION

Condition	Mode	Frequency (MHz)	Antenna	Range (MHz)	Emission Frequency (MHz)	Max Value (dBm)	Max Value (uW)	Limit Start(uW)	Limit Stop (uW)	Verdict
NVNT	a	5180	Ant1	30-5142	3154.45	-45.43	0.0286	2.5	2.5	Pass
NVNT	a	5180	Ant1	5142-5150	5146.34	-33.8	0.4169	15	15	Pass
NVNT	a	5180	Ant1	5250-5251	5250.11	-43.17	0.0482	1000	100	Pass
NVNT	a	5180	Ant1	5251-5260	5255.03	-43.28	0.047	100	15.85	Pass
NVNT	a	5180	Ant1	5260-5266.7	5262	-43.79	0.0418	15.85	2.49	Pass
NVNT	a	5180	Ant1	5266.7-26000	25955.42	-35.76	0.2655	2.5	2.5	Pass
NVNT	a	5200	Ant1	30-5142	3305.13	-44.04	0.0394	2.5	2.5	Pass
NVNT	a	5200	Ant1	5142-5150	5144.41	-42.51	0.0561	15	15	Pass
NVNT	a	5200	Ant1	5250-5251	5250.38	-41.89	0.0647	1000	100	Pass
NVNT	a	5200	Ant1	5251-5260	5256.06	-42.23	0.0598	100	15.85	Pass
NVNT	a	5200	Ant1	5260-5266.7	5263.7	-42.65	0.0543	15.85	2.49	Pass
NVNT	a	5200	Ant1	5266.7-26000	25972.53	-37.17	0.1919	2.5	2.5	Pass
NVNT	a	5240	Ant1	30-5142	3187.81	-43.42	0.0455	2.5	2.5	Pass
NVNT	a	5240	Ant1	5142-5150	5148.31	-44.86	0.0327	15	15	Pass
NVNT	a	5240	Ant1	5250-5251	5250.02	-7.24	188.7991	1000	100	Pass
NVNT	a	5240	Ant1	5251-5260	5258.22	-20.36	9.2045	100	15.85	Pass
NVNT	a	5240	Ant1	5260-5266.7	5260.2	-26.15	2.4266	15.85	2.49	Pass
NVNT	a	5240	Ant1	5266.7-26000	25515.88	-36.81	0.2084	2.5	2.5	Pass
NVNT	ac20	5180	Ant1	30-5142	5137.27	-47.86	0.0164	2.5	2.5	Pass
NVNT	ac20	5180	Ant1	5142-5150	5148.45	-34.09	0.3899	15	15	Pass
NVNT	ac20	5180	Ant1	5250-5251	5250.24	-45.39	0.0289	1000	100	Pass
NVNT	ac20	5180	Ant1	5251-5260	5259.4	-45.81	0.0262	100	15.85	Pass
NVNT	ac20	5180	Ant1	5260-5266.7	5261.35	-45.92	0.0256	15.85	2.49	Pass
NVNT	ac20	5180	Ant1	5266.7-26000	5269.81	-50.41	0.0091	2.5	2.5	Pass
NVNT	ac20	5200	Ant1	30-5142	5116.7	-51.07	0.0078	2.5	2.5	Pass
NVNT	ac20	5200	Ant1	5142-5150	5144.87	-45.63	0.0274	15	15	Pass
NVNT	ac20	5200	Ant1	5250-5251	5250.6	-45.44	0.0286	1000	100	Pass
NVNT	ac20	5200	Ant1	5251-5260	5258.62	-45.72	0.0268	100	15.85	Pass
NVNT	ac20	5200	Ant1	5260-5266.7	5261.54	-44.75	0.0335	15.85	2.49	Pass
NVNT	ac20	5200	Ant1	5266.7-26000	5272.92	-51.04	0.0079	2.5	2.5	Pass
NVNT	ac20	5240	Ant1	30-5142	5127.18	-51.26	0.0075	2.5	2.5	Pass
NVNT	ac20	5240	Ant1	5142-5150	5148.41	-49.09	0.0123	15	15	Pass
NVNT	ac20	5240	Ant1	5250-5251	5250.13	-4.37	365.5948	1000	100	Pass
NVNT	ac20	5240	Ant1	5251-5260	5251.25	-17.16	19.2309	100	15.85	Pass
NVNT	ac20	5240	Ant1	5260-5266.7	5261.54	-24.13	3.8637	15.85	2.49	Pass
NVNT	ac20	5240	Ant1	5266.7-26000	5268.77	-40.14	0.0968	2.5	2.5	Pass
NVNT	ac40	5190	Ant1	30-5141.6	5139.04	-47.11	0.0195	2.5	2.5	Pass
NVNT	ac40	5190	Ant1	5141.6-5150	5148.61	-32.53	0.5585	15	15	Pass
NVNT	ac40	5190	Ant1	5250-5251	5250.04	-38.3	0.1479	500	50	Pass
NVNT	ac40	5190	Ant1	5251-5270	5259.8	-44.62	0.0345	50	7.92	Pass
NVNT	ac40	5190	Ant1	5270-5278.4	5270.6	-45.85	0.026	7.92	2.48	Pass
NVNT	ac40	5190	Ant1	5278.4-26000	5296.53	-50.62	0.0087	2.5	2.5	Pass
NVNT	ac40	5230	Ant1	30-5141.6	3136.19	-44.1	0.0389	2.5	2.5	Pass
NVNT	ac40	5230	Ant1	5141.6-5150	5148.81	-42.78	0.0527	15	15	Pass
NVNT	ac40	5230	Ant1	5250-5251	5250.03	-11.54	70.1455	500	50	Pass
NVNT	ac40	5230	Ant1	5251-5270	5251.02	-19.52	11.1686	50	7.92	Pass
NVNT	ac40	5230	Ant1	5270-5278.4	5271.21	-29.31	1.1722	7.92	2.48	Pass
NVNT	ac40	5230	Ant1	5278.4-26000	25448.81	-37.11	0.1945	2.5	2.5	Pass
NVNT	ac80	5210	Ant1	30-5123.2	5106.9	-41.11	0.0774	2.5	2.5	Pass
NVNT	ac80	5210	Ant1	5123.2-5150	5138.27	-29.86	1.0328	15	15	Pass
NVNT	ac80	5210	Ant1	5250-5251	5250.06	-16.13	24.3781	250	25	Pass
NVNT	ac80	5210	Ant1	5251-5290	5251.36	-25.52	2.8054	25	3.96	Pass
NVNT	ac80	5210	Ant1	5290-5296.7	5296.7	-30.72	0.8472	3.96	2.49	Pass
NVNT	ac80	5210	Ant1	5296.7-26000	5296.7	-36.89	0.2046	2.5	2.5	Pass
NVNT	n20	5180	Ant1	30-5142	5133.95	-40.98	0.0798	2.5	2.5	Pass
NVNT	n20	5180	Ant1	5142-5150	5145.1	-29.77	1.0544	15	15	Pass
NVNT	n20	5180	Ant1	5250-5251	5250.1	-41.9	0.0646	1000	100	Pass
NVNT	n20	5180	Ant1	5251-5260	5251.18	-42.78	0.0527	100	15.85	Pass
NVNT	n20	5180	Ant1	5260-5266.7	5260.73	-44.57	0.0349	15.85	2.49	Pass
NVNT	n20	5180	Ant1	5266.7-26000	25828.43	-46.61	0.0218	2.5	2.5	Pass
NVNT	n20	5200	Ant1	30-5142	5134.46	-47.51	0.0177	2.5	2.5	Pass
NVNT	n20	5200	Ant1	5142-5150	5146.24	-38.09	0.1552	15	15	Pass
NVNT	n20	5200	Ant1	5250-5251	5250.87	-36.8	0.2089	1000	100	Pass
NVNT	n20	5200	Ant1	5251-5260	5252.33	-36.59	0.2193	100	15.85	Pass
NVNT	n20	5200	Ant1	5260-5266.7	5265.41	-40.74	0.0843	15.85	2.49	Pass
NVNT	n20	5200	Ant1	5266.7-26000	25967.86	-47.22	0.019	2.5	2.5	Pass
NVNT	n20	5240	Ant1	30-5142	3162.89	-44.17	0.0383	2.5	2.5	Pass
NVNT	n20	5240	Ant1	5142-5150	5145.8	-45.13	0.0307	15	15	Pass
NVNT	n20	5240	Ant1	5250-5251	5250.02	-3.55	441.5704	1000	100	Pass
NVNT	n20	5240	Ant1	5251-5260	5251.1	-13.37	46.0257	100	15.85	Pass
NVNT	n20	5240	Ant1	5260-5266.7	5260.5	-21.37	7.2946	15.85	2.49	Pass

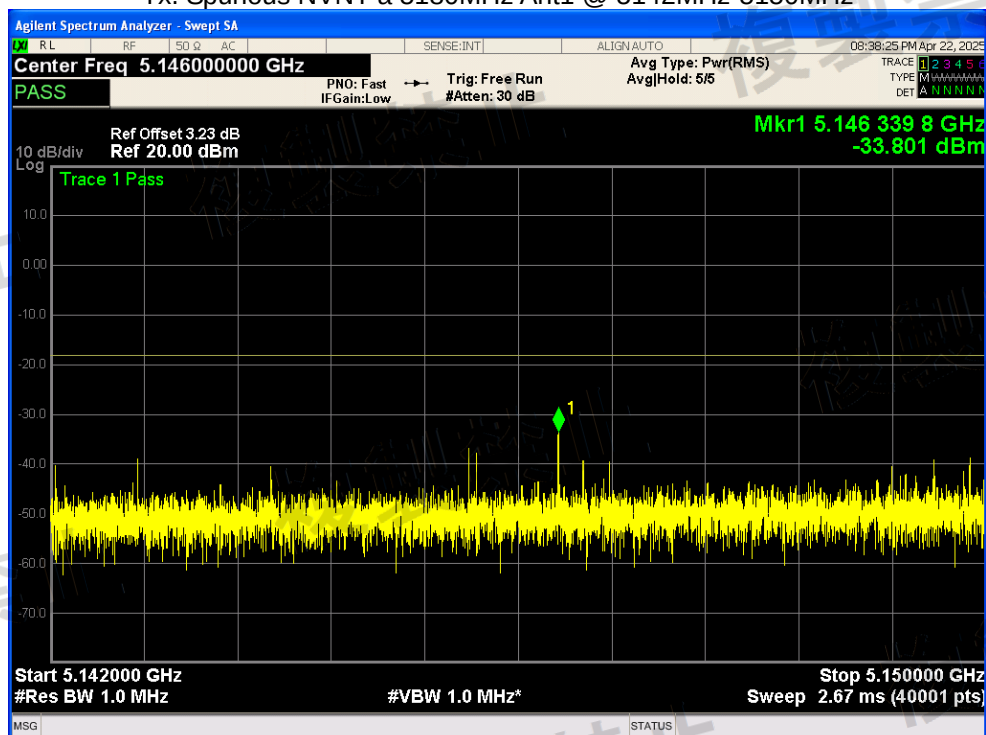
NVNT	n20	5240	Ant1	5266.7-26000	25977.19	-36.01	0.2506	2.5	2.5	Pass
NVNT	n40	5190	Ant1	30-5141.6	5112.98	-34.33	0.369	2.5	2.5	Pass
NVNT	n40	5190	Ant1	5141.6-5150	5149.82	-23.11	4.8865	15	15	Pass
NVNT	n40	5190	Ant1	5250-5251	5250.23	-32.71	0.5358	500	50	Pass
NVNT	n40	5190	Ant1	5251-5270	5262.74	-32.41	0.5741	50	7.92	Pass
NVNT	n40	5190	Ant1	5270-5278.4	5278	-34.29	0.3724	7.92	2.48	Pass
NVNT	n40	5190	Ant1	5278.4-26000	5280.99	-38.38	0.1452	2.5	2.5	Pass
NVNT	n40	5230	Ant1	30-5141.6	5140.83	-44.02	0.0396	2.5	2.5	Pass
NVNT	n40	5230	Ant1	5141.6-5150	5149.17	-36.51	0.2234	15	15	Pass
NVNT	n40	5230	Ant1	5250-5251	5250.02	-11.31	73.9605	500	50	Pass
NVNT	n40	5230	Ant1	5251-5270	5253.04	-17.28	18.7068	50	7.92	Pass
NVNT	n40	5230	Ant1	5270-5278.4	5270.27	-25.78	2.6424	7.92	2.48	Pass
NVNT	n40	5230	Ant1	5278.4-26000	25982.9	-37.2	0.1905	2.5	2.5	Pass

Note: This test has increased antenna gain.

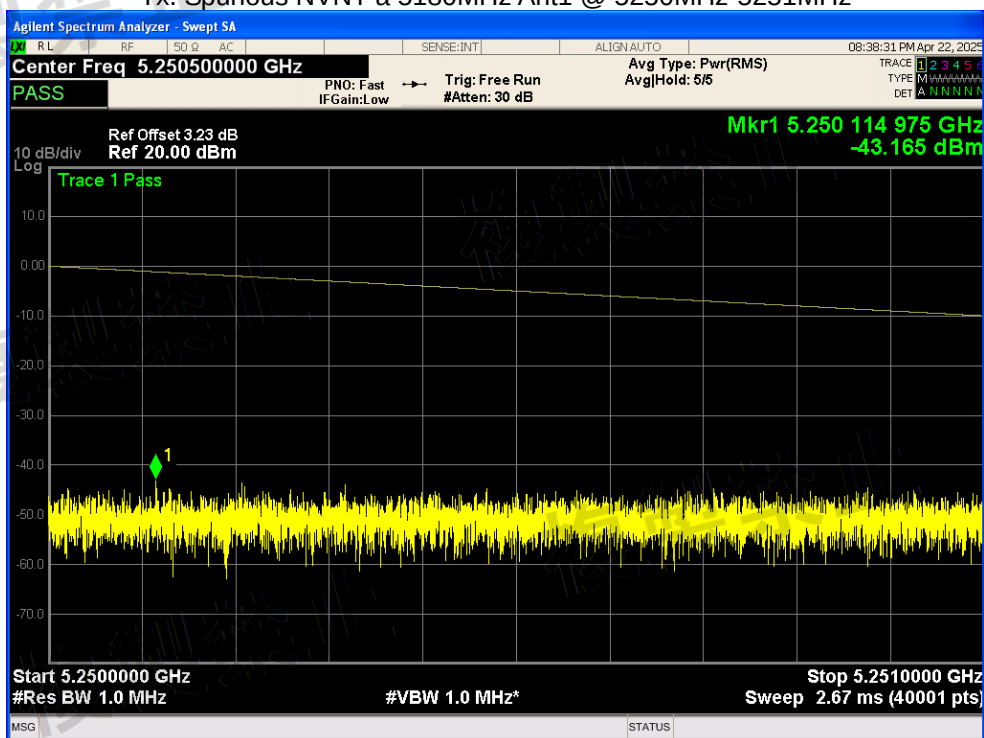
Tx. Spurious NVNT a 5180MHz Ant1 @ 30MHz-5142MHz



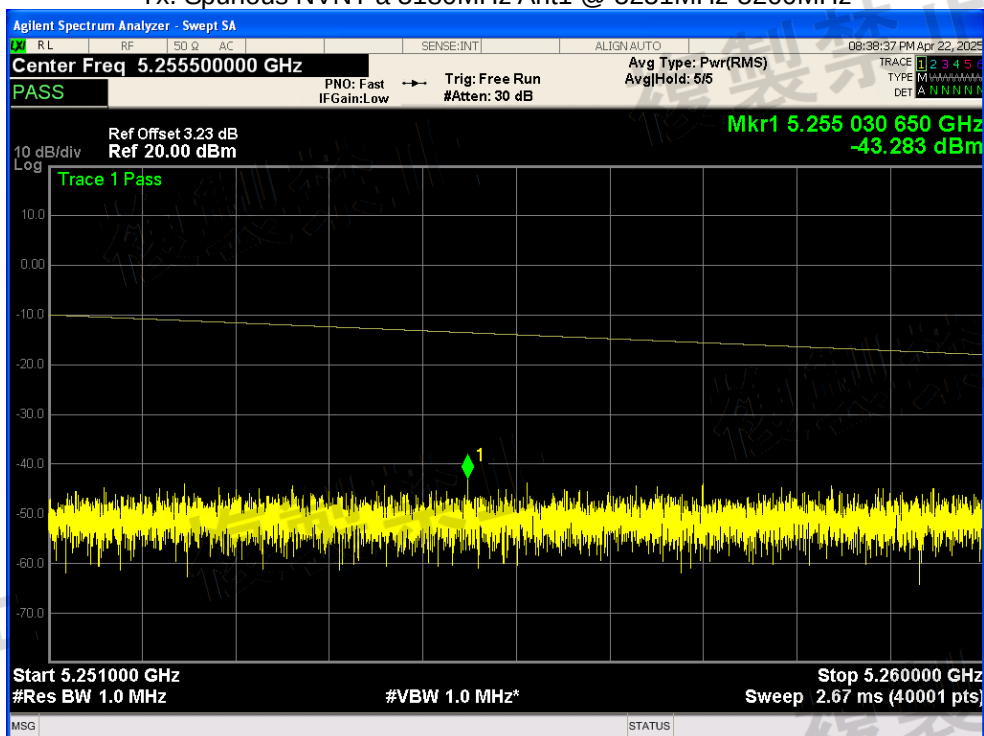
Tx. Spurious NVNT a 5180MHz Ant1 @ 5142MHz-5150MHz



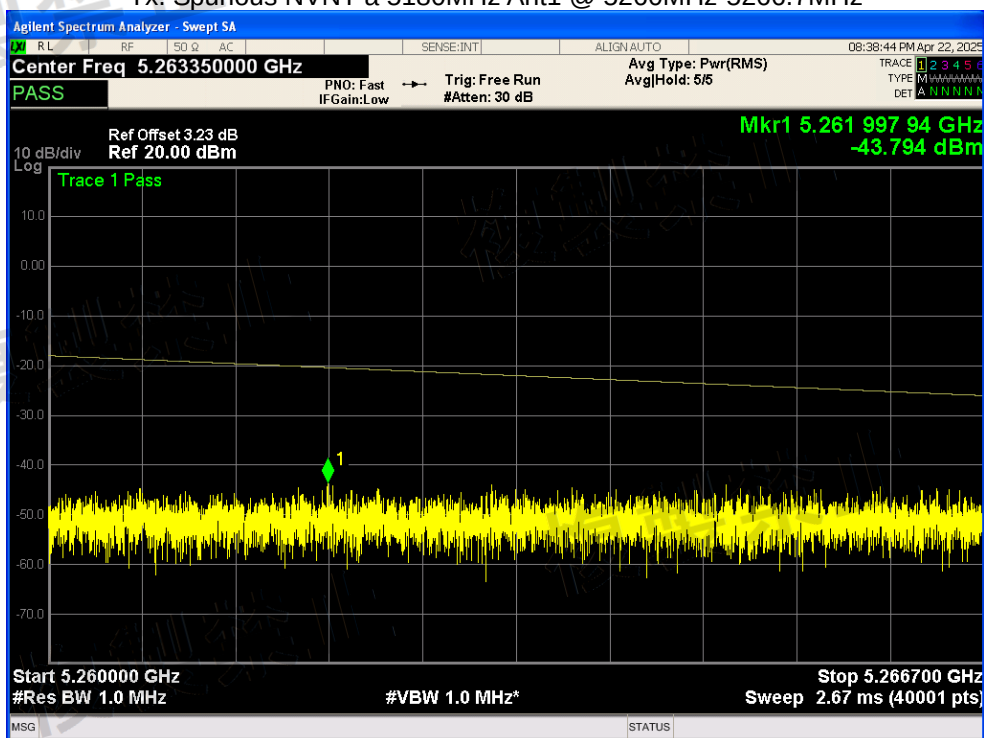
Tx. Spurious NVNT a 5180MHz Ant1 @ 5250MHz-5251MHz



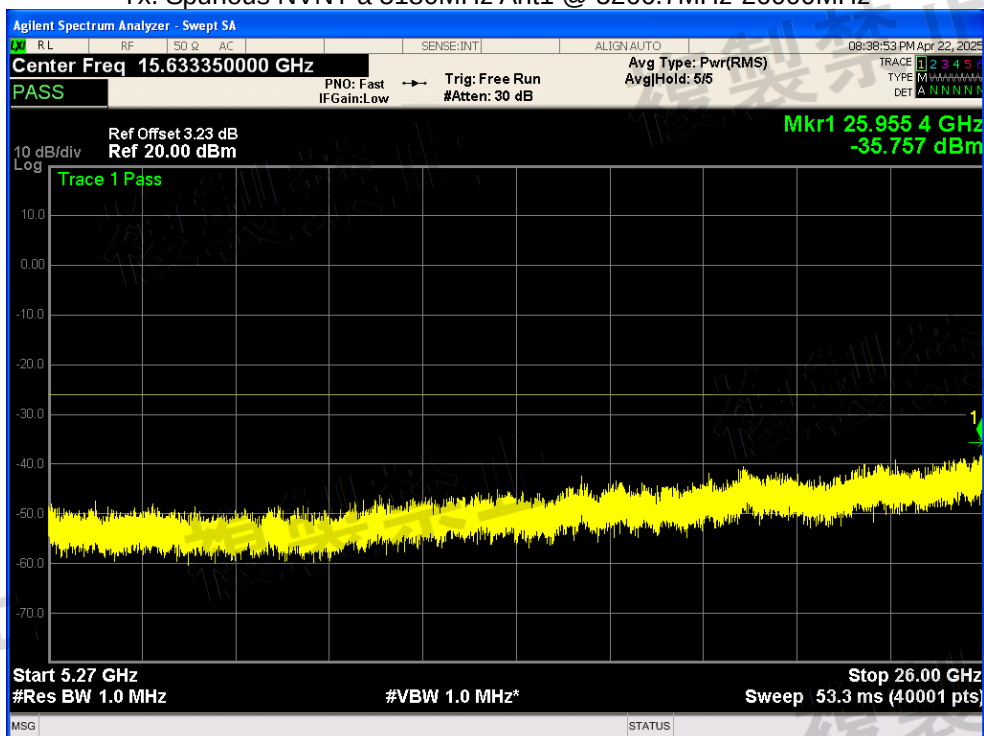
Tx. Spurious NVNT a 5180MHz Ant1 @ 5251MHz-5260MHz



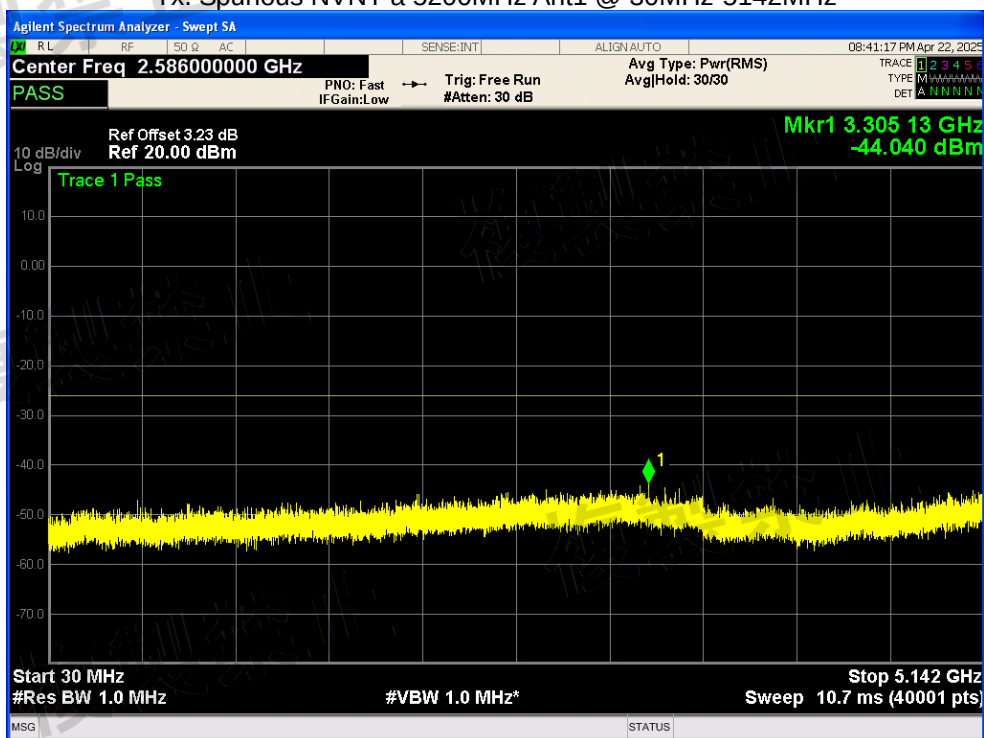
Tx. Spurious NVNT a 5180MHz Ant1 @ 5260MHz-5266.7MHz



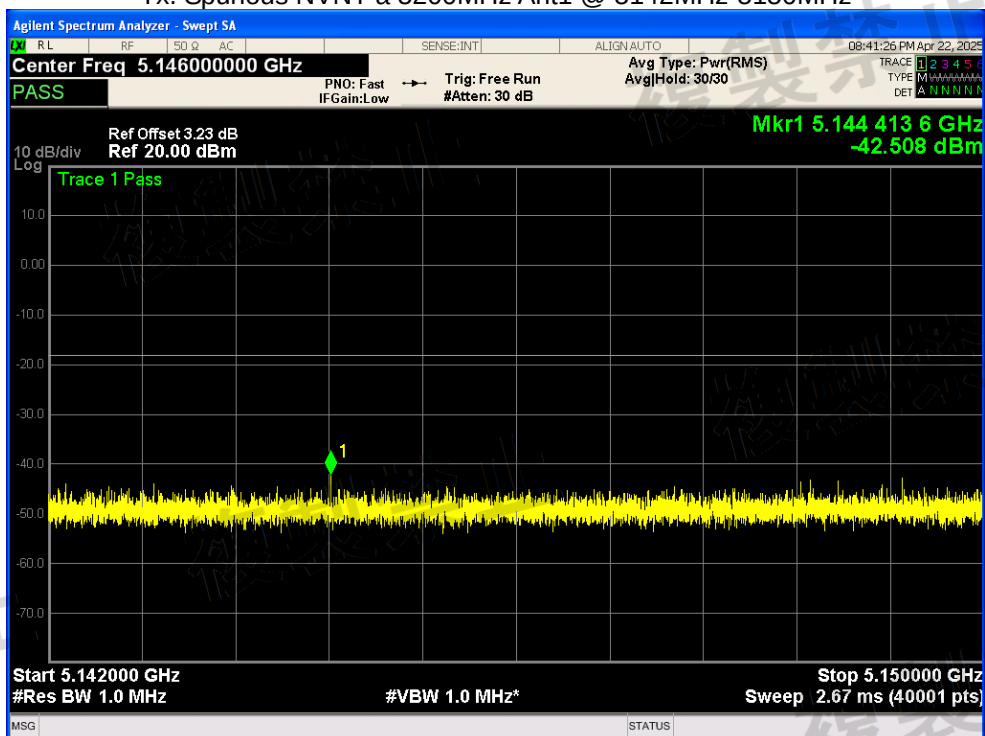
Tx. Spurious NVNT a 5180MHz Ant1 @ 5266.7MHz-26000MHz



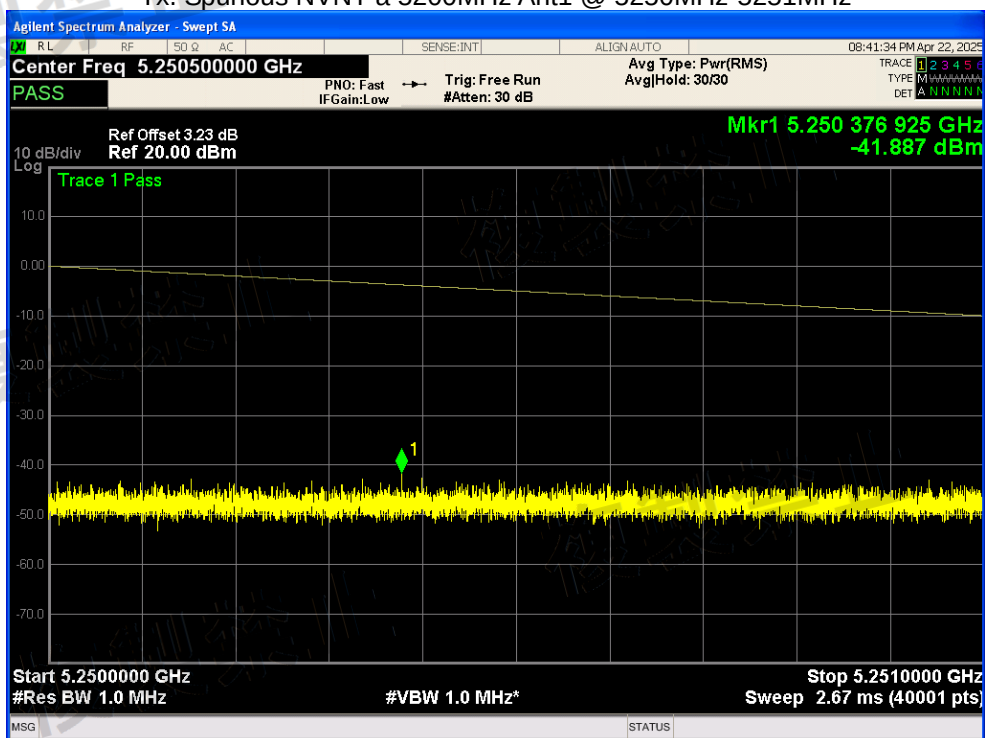
Tx. Spurious NVNT a 5200MHz Ant1 @ 30MHz-5142MHz



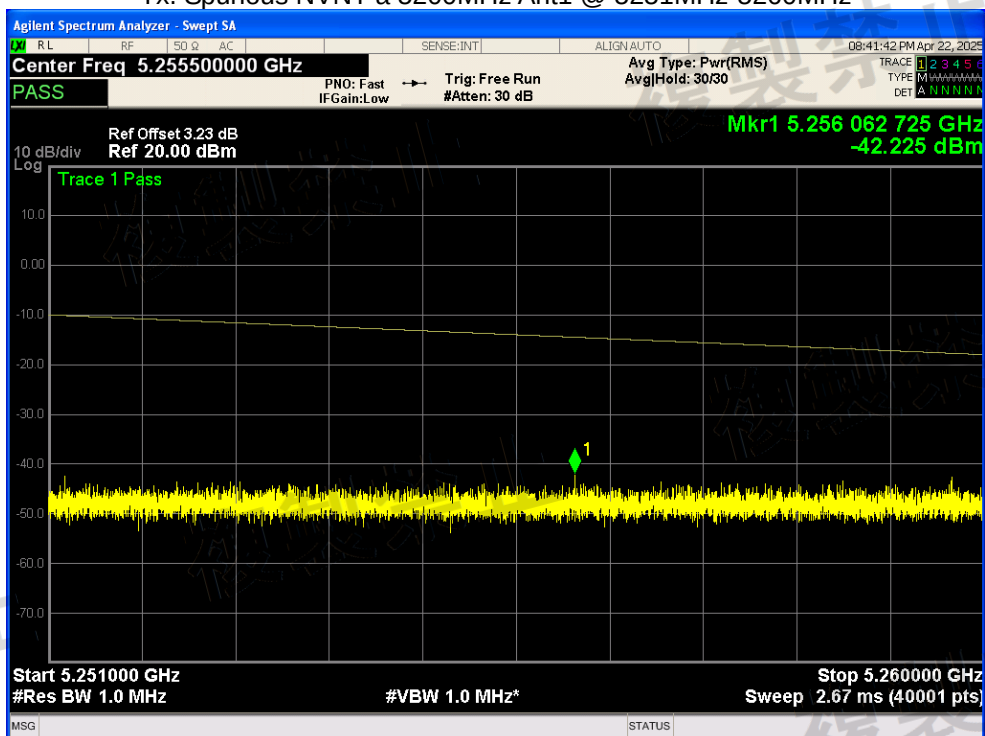
Tx. Spurious NVNT a 5200MHz Ant1 @ 5142MHz-5150MHz



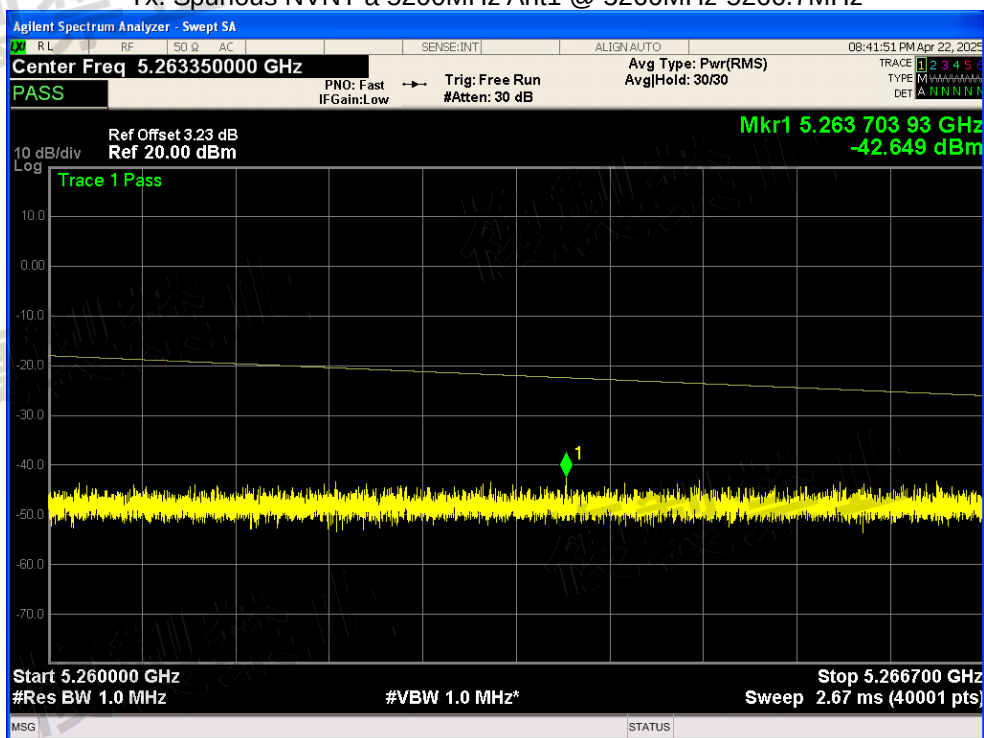
Tx. Spurious NVNT a 5200MHz Ant1 @ 5250MHz-5251MHz



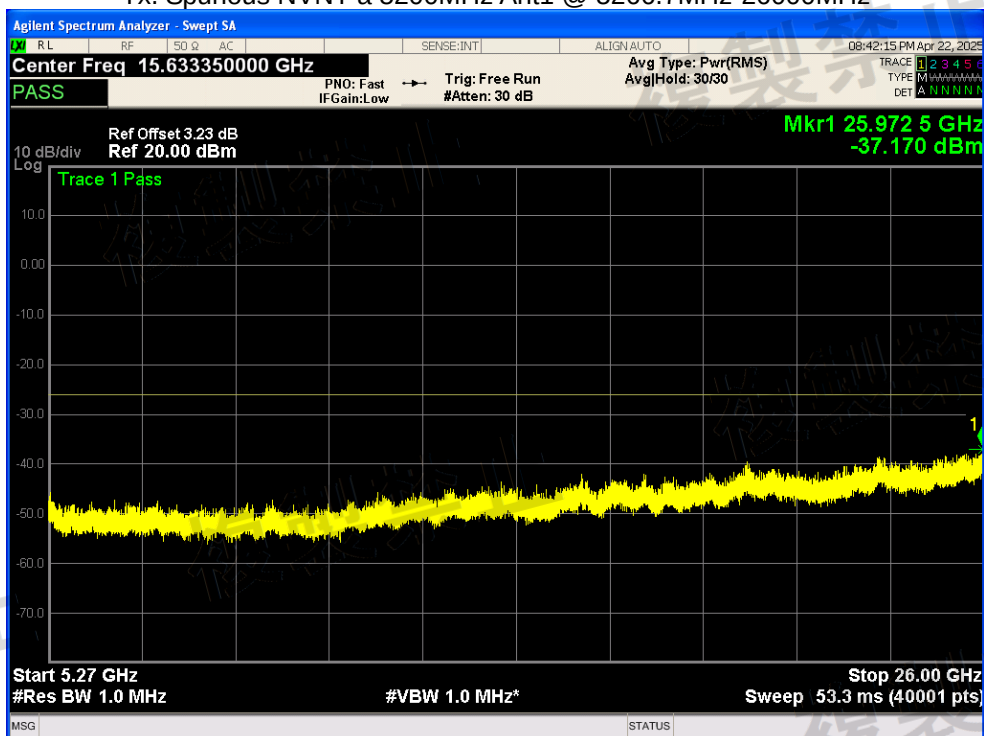
Tx. Spurious NVNT a 5200MHz Ant1 @ 5251MHz-5260MHz



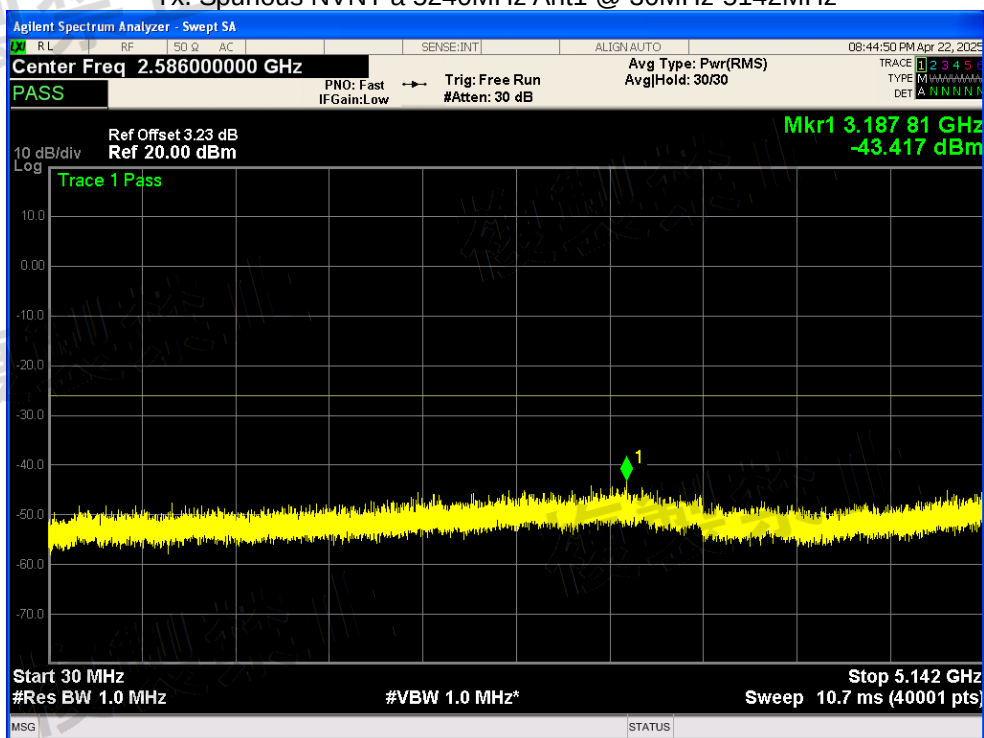
Tx. Spurious NVNT a 5200MHz Ant1 @ 5260MHz-5266.7MHz



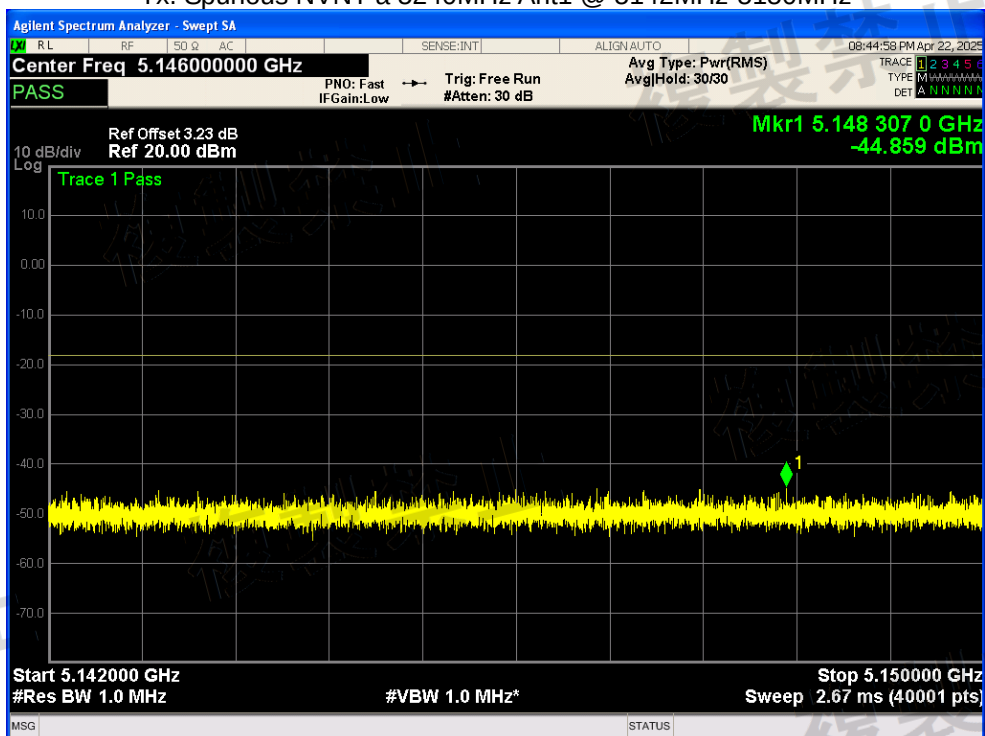
Tx. Spurious NVNT a 5200MHz Ant1 @ 5266.7MHz-26000MHz



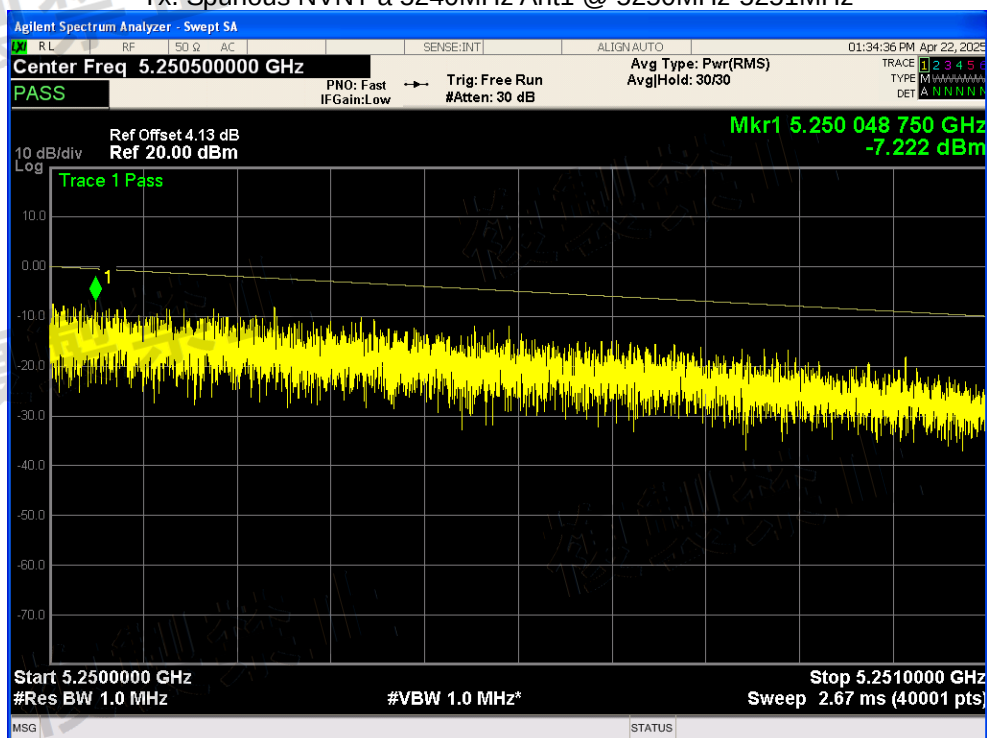
Tx. Spurious NVNT a 5240MHz Ant1 @ 30MHz-5142MHz



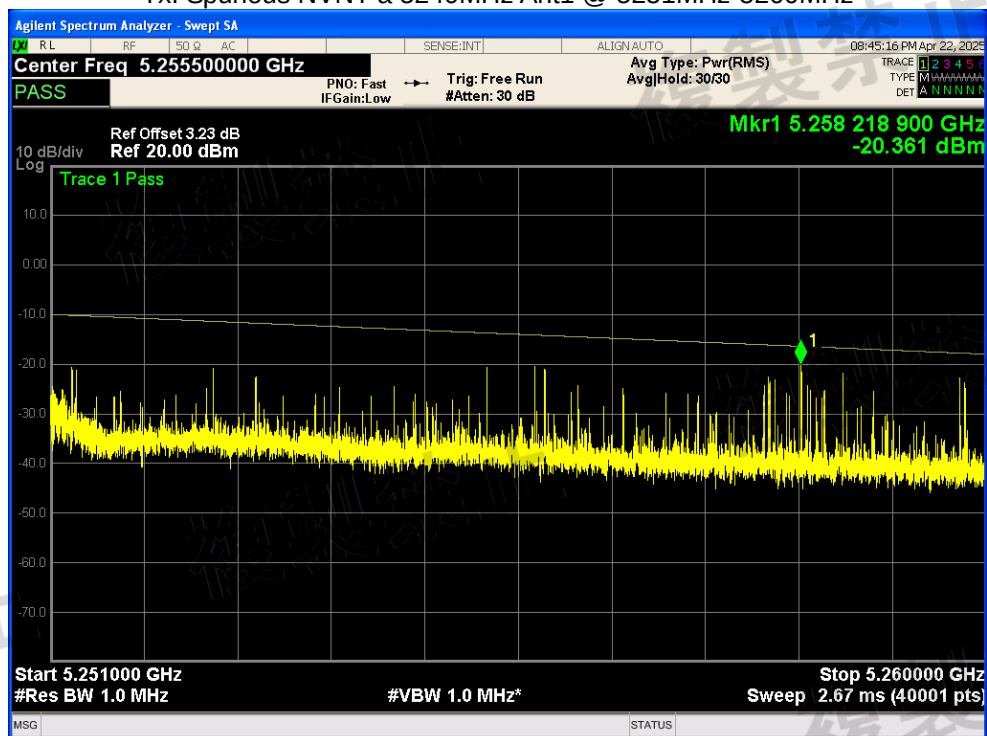
Tx. Spurious NVNT a 5240MHz Ant1 @ 5142MHz-5150MHz



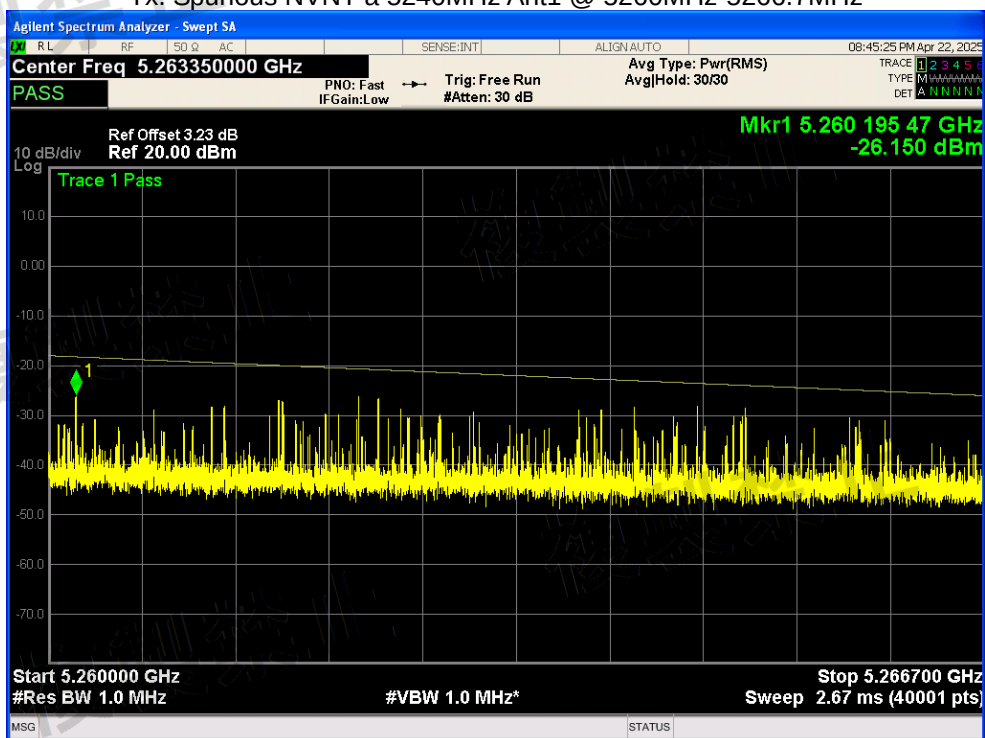
Tx. Spurious NVNT a 5240MHz Ant1 @ 5250MHz-5251MHz



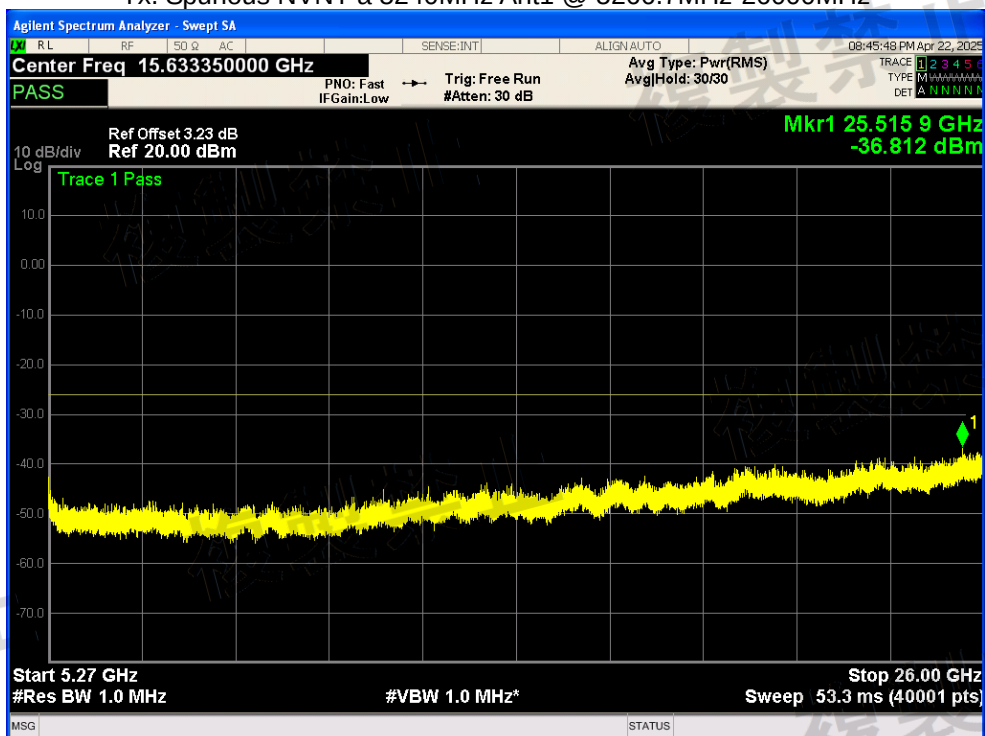
Tx. Spurious NVNT a 5240MHz Ant1 @ 5251MHz-5260MHz



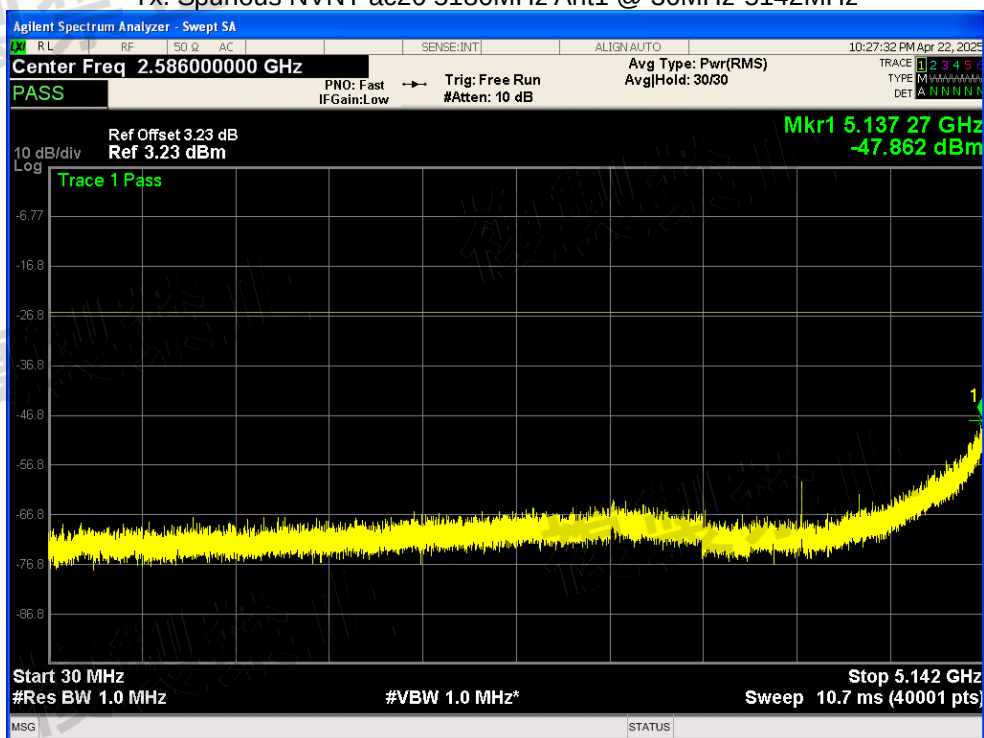
Tx. Spurious NVNT a 5240MHz Ant1 @ 5260MHz-5266.7MHz



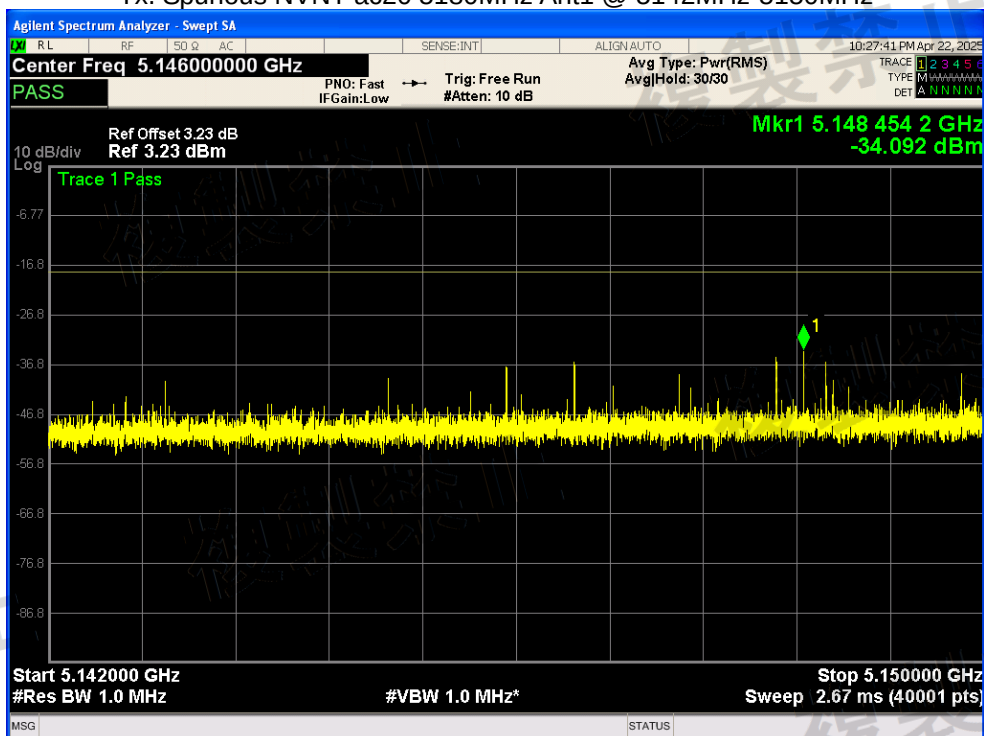
Tx. Spurious NVNT a 5240MHz Ant1 @ 5266.7MHz-26000MHz



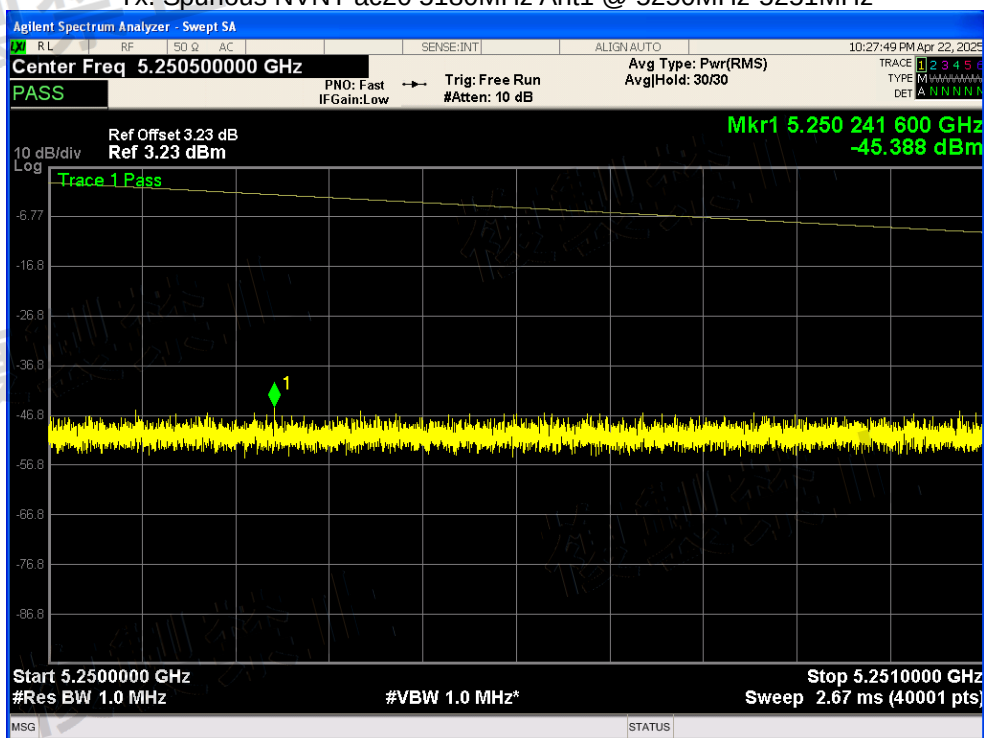
Tx. Spurious NVNT ac20 5180MHz Ant1 @ 30MHz-5142MHz



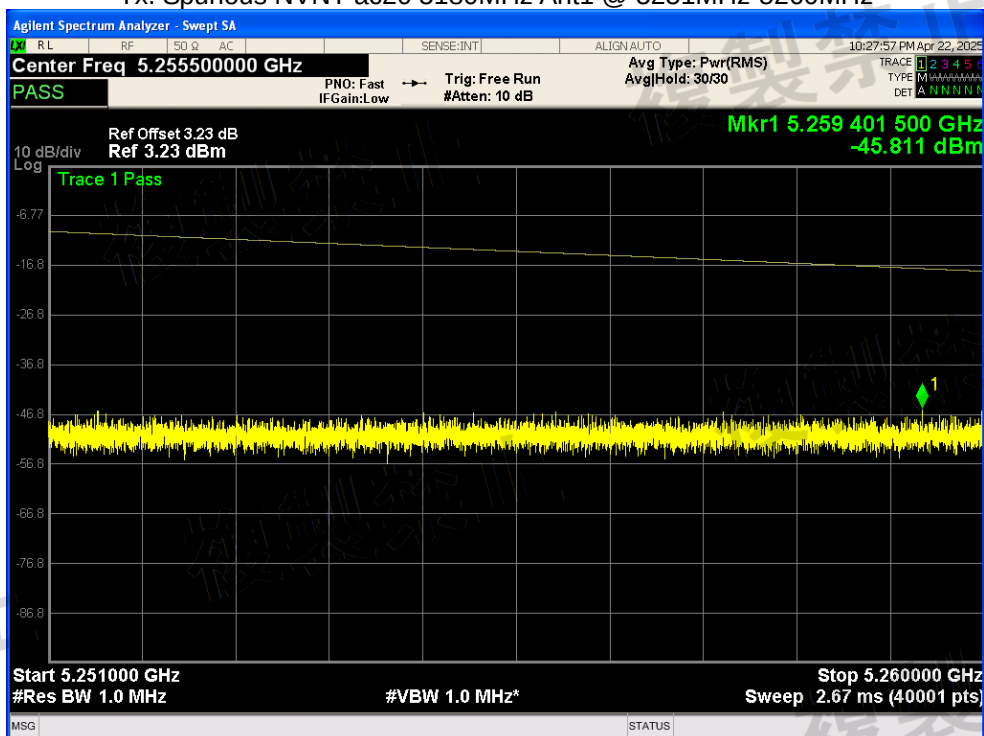
Tx. Spurious NVNT ac20 5180MHz Ant1 @ 5142MHz-5150MHz



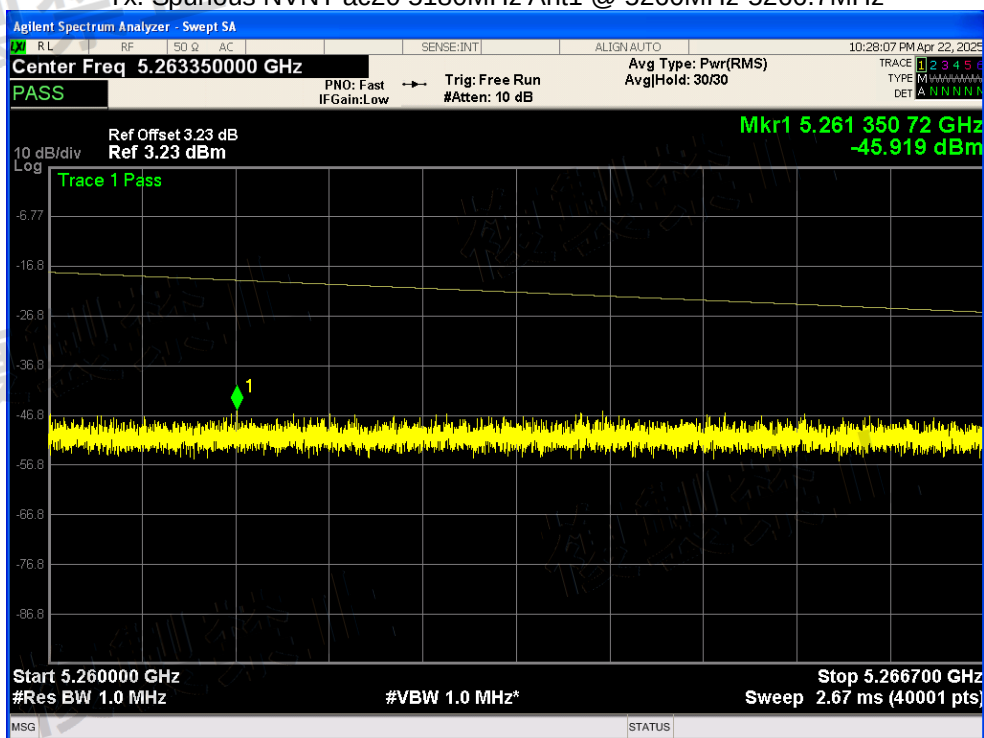
Tx. Spurious NVNT ac20 5180MHz Ant1 @ 5250MHz-5251MHz



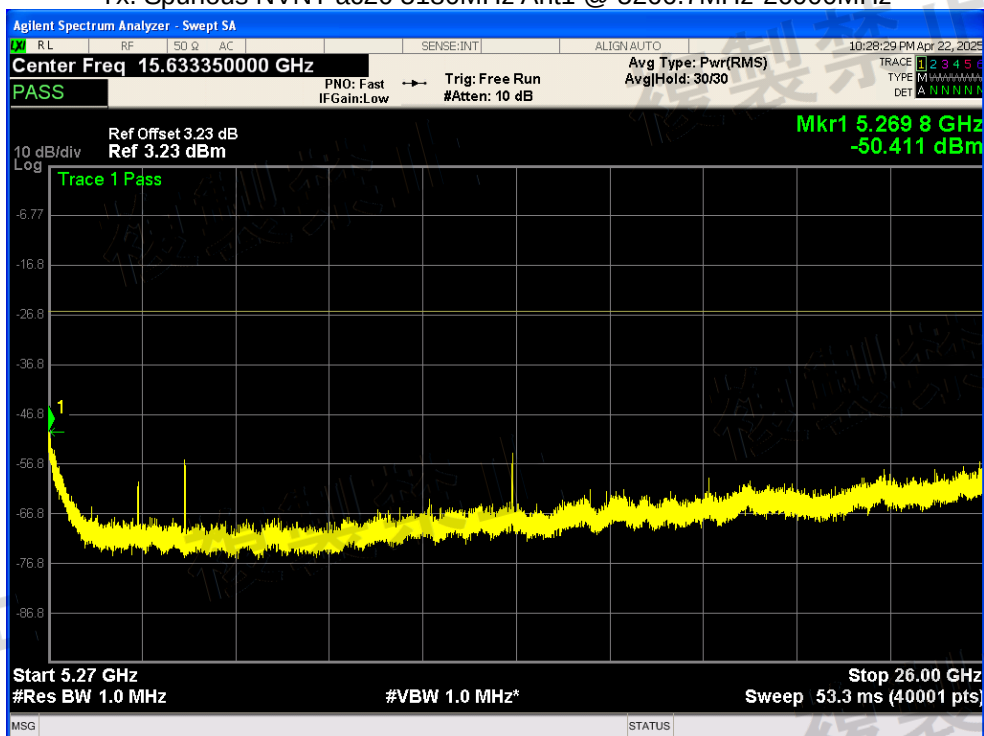
Tx. Spurious NVNT ac20 5180MHz Ant1 @ 5251MHz-5260MHz



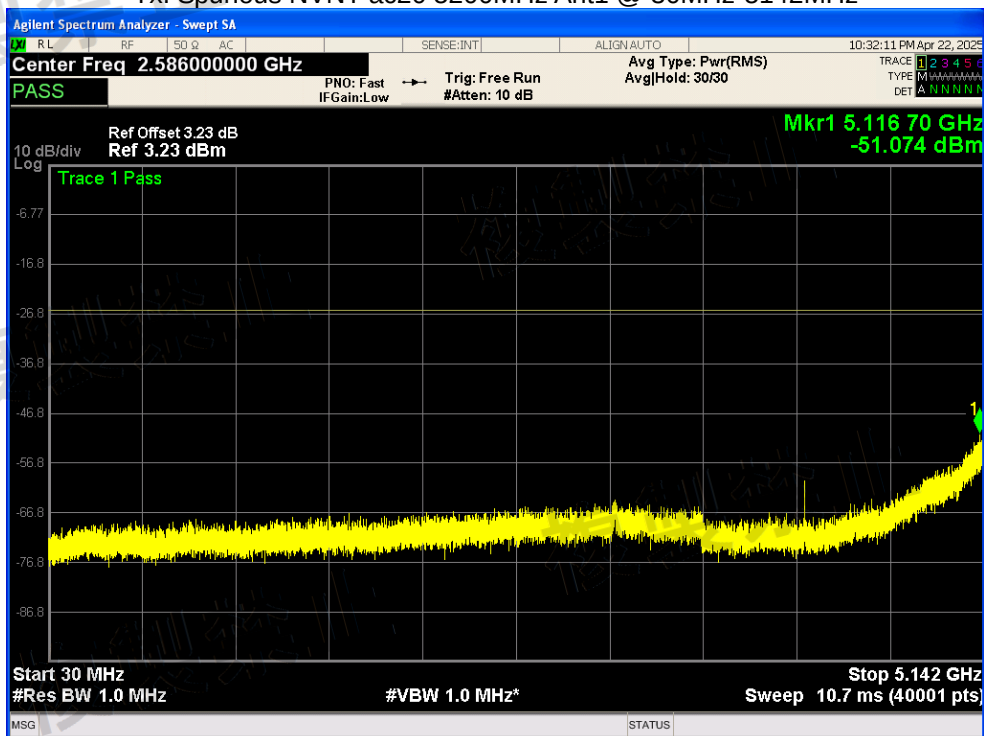
Tx. Spurious NVNT ac20 5180MHz Ant1 @ 5260MHz-5266.7MHz



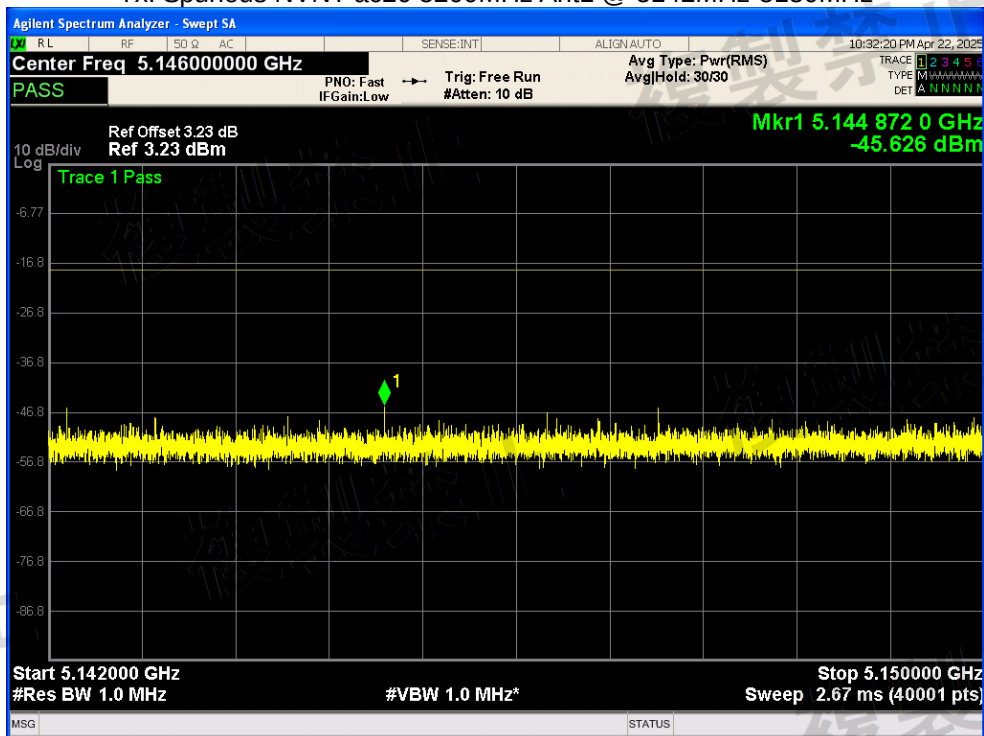
Tx. Spurious NVNT ac20 5180MHz Ant1 @ 5266.7MHz-26000MHz



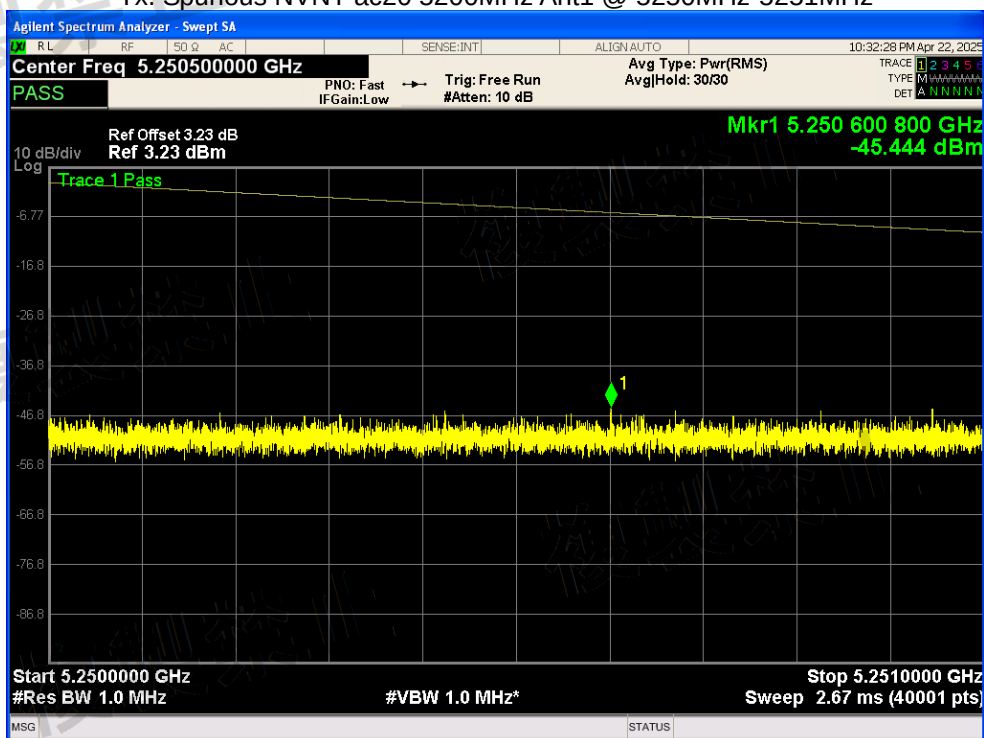
Tx. Spurious NVNT ac20 5200MHz Ant1 @ 30MHz-5142MHz



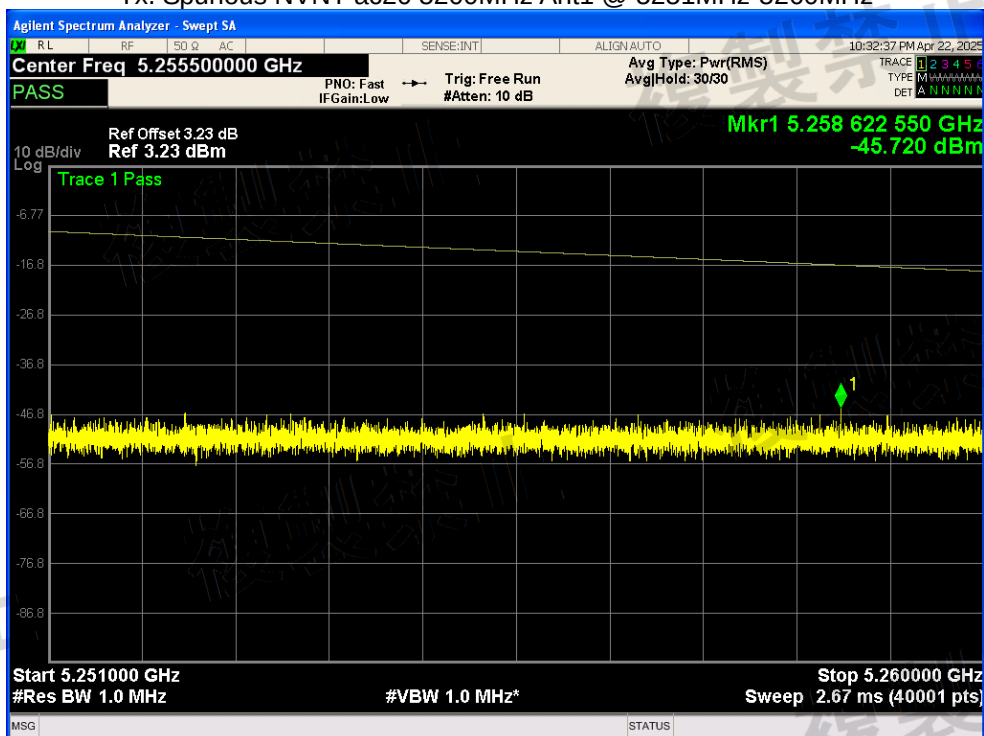
Tx. Spurious NVNT ac20 5200MHz Ant1 @ 5142MHz-5150MHz



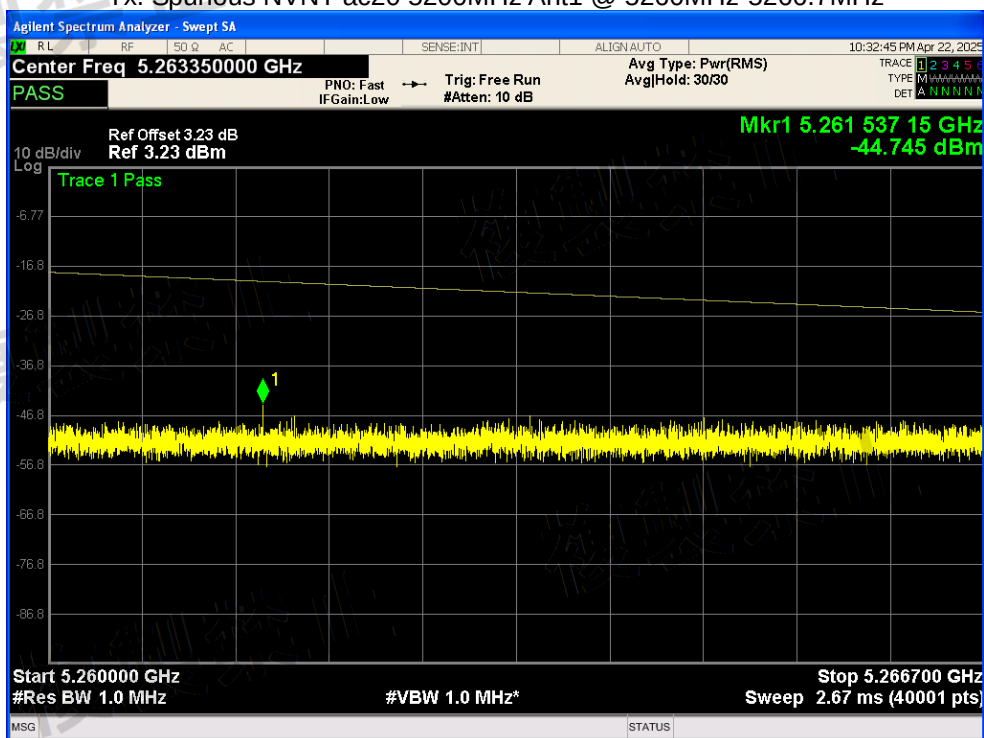
Tx. Spurious NVNT ac20 5200MHz Ant1 @ 5250MHz-5251MHz



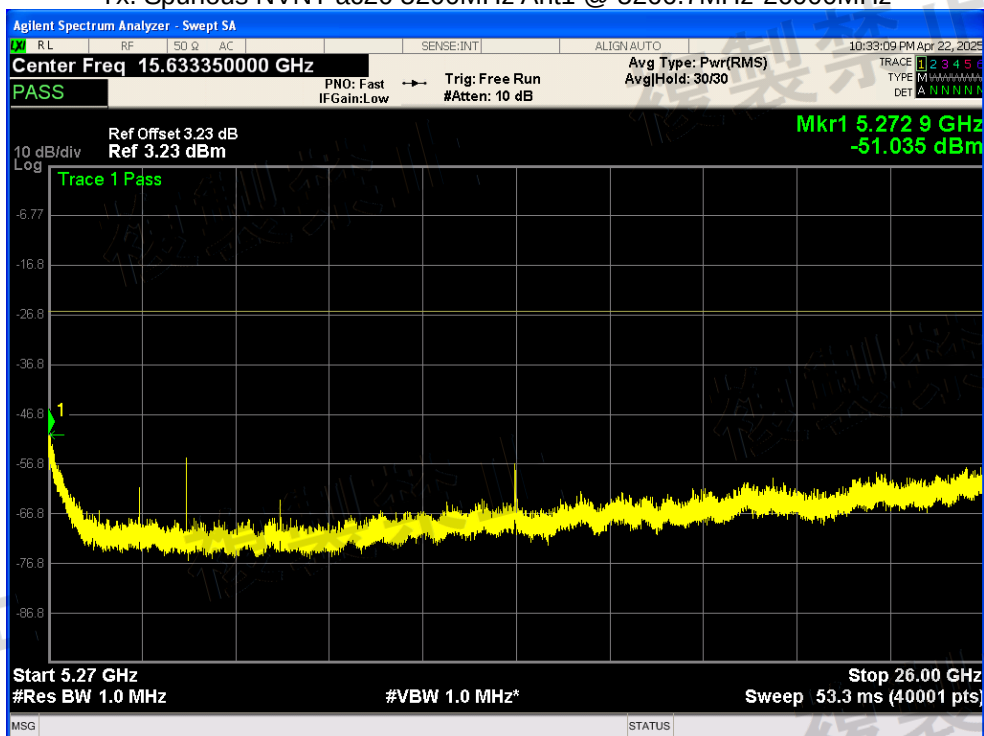
Tx. Spurious NVNT ac20 5200MHz Ant1 @ 5251MHz-5260MHz



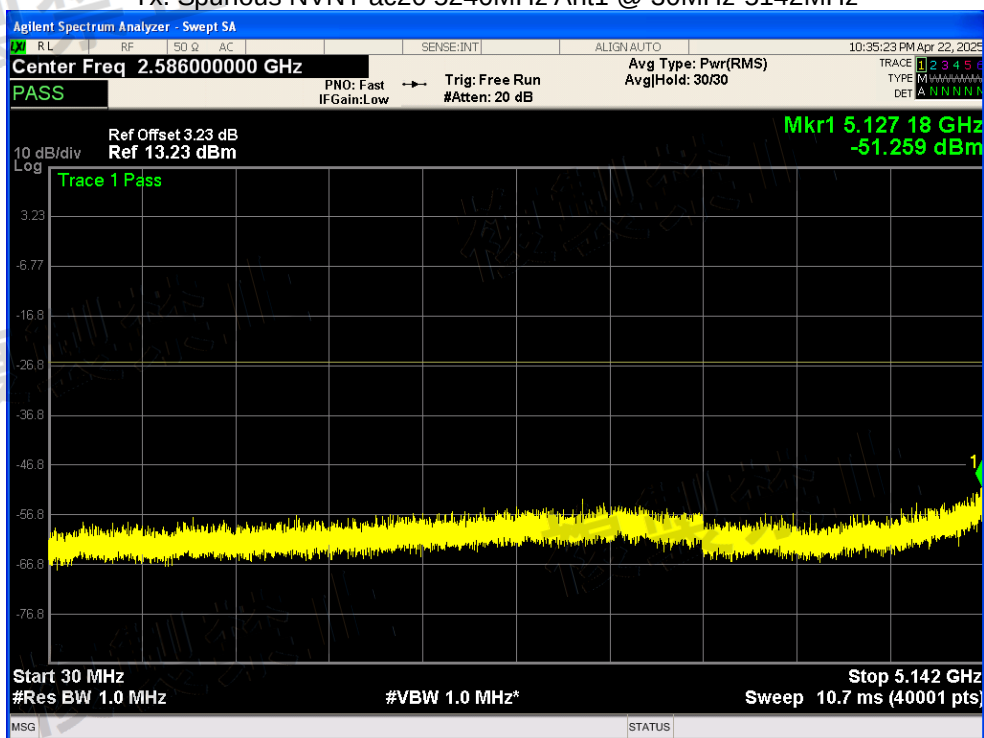
Tx. Spurious NVNT ac20 5200MHz Ant1 @ 5260MHz-5266.7MHz



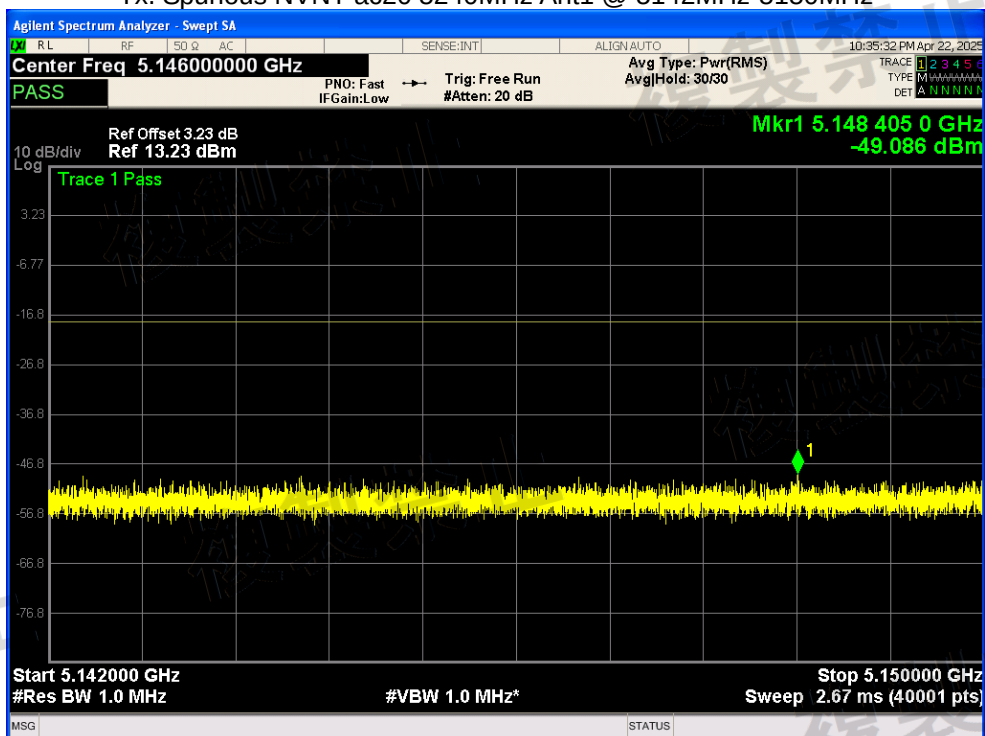
Tx. Spurious NVNT ac20 5200MHz Ant1 @ 5266.7MHz-26000MHz



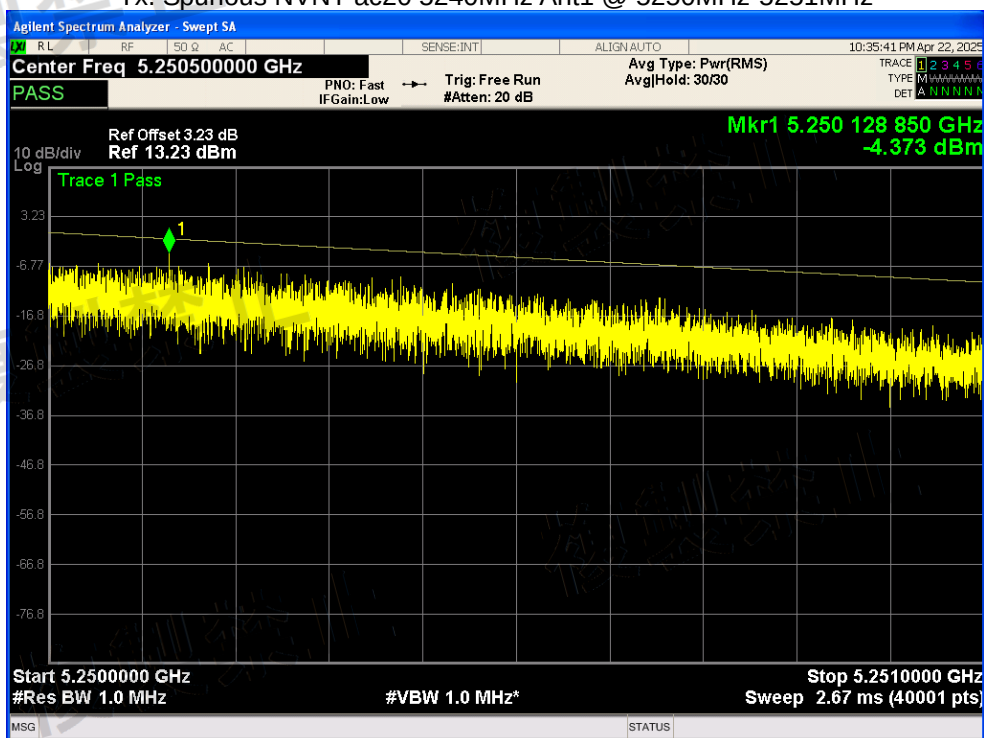
Tx. Spurious NVNT ac20 5240MHz Ant1 @ 30MHz-5142MHz



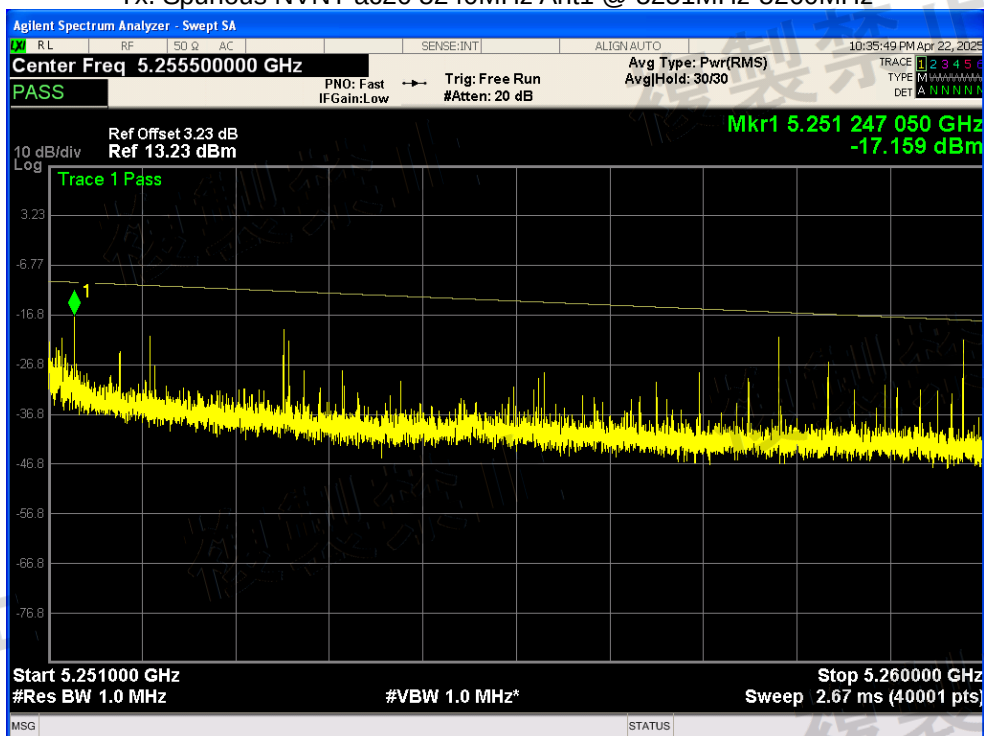
Tx. Spurious NVNT ac20 5240MHz Ant1 @ 5142MHz-5150MHz



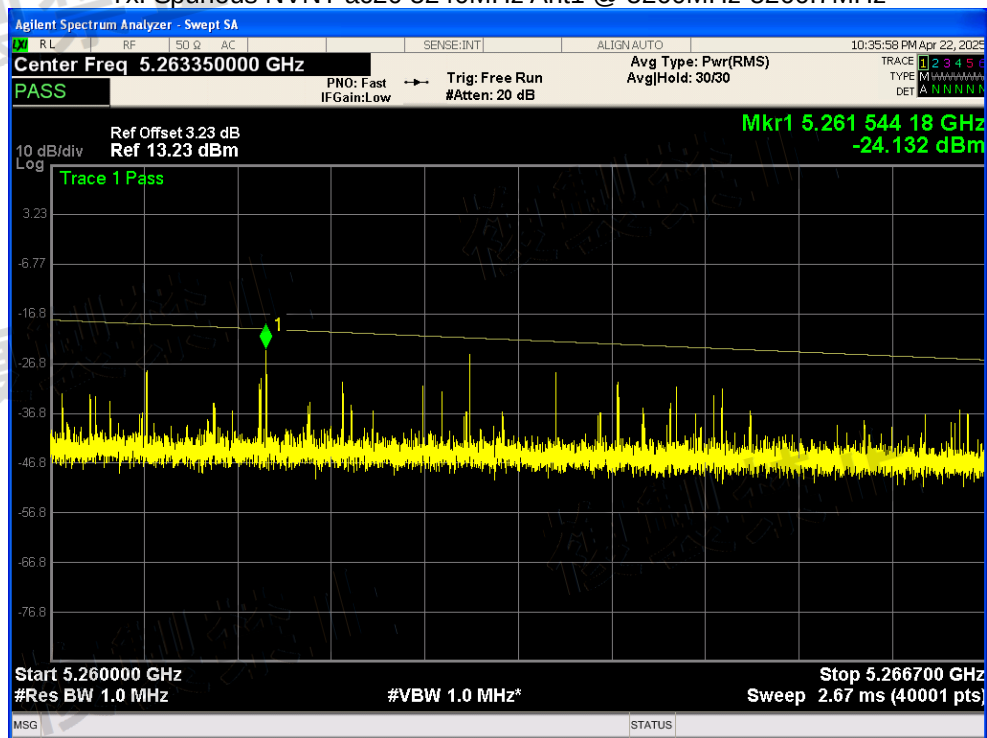
Tx. Spurious NVNT ac20 5240MHz Ant1 @ 5250MHz-5251MHz



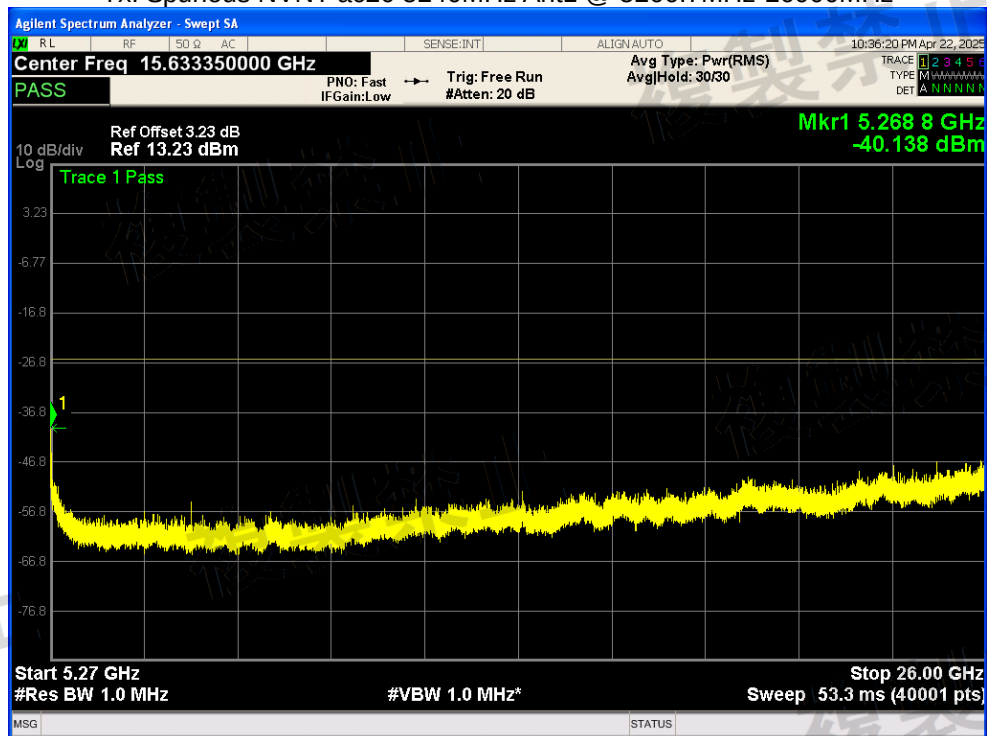
Tx. Spurious NVNT ac20 5240MHz Ant1 @ 5251MHz-5260MHz



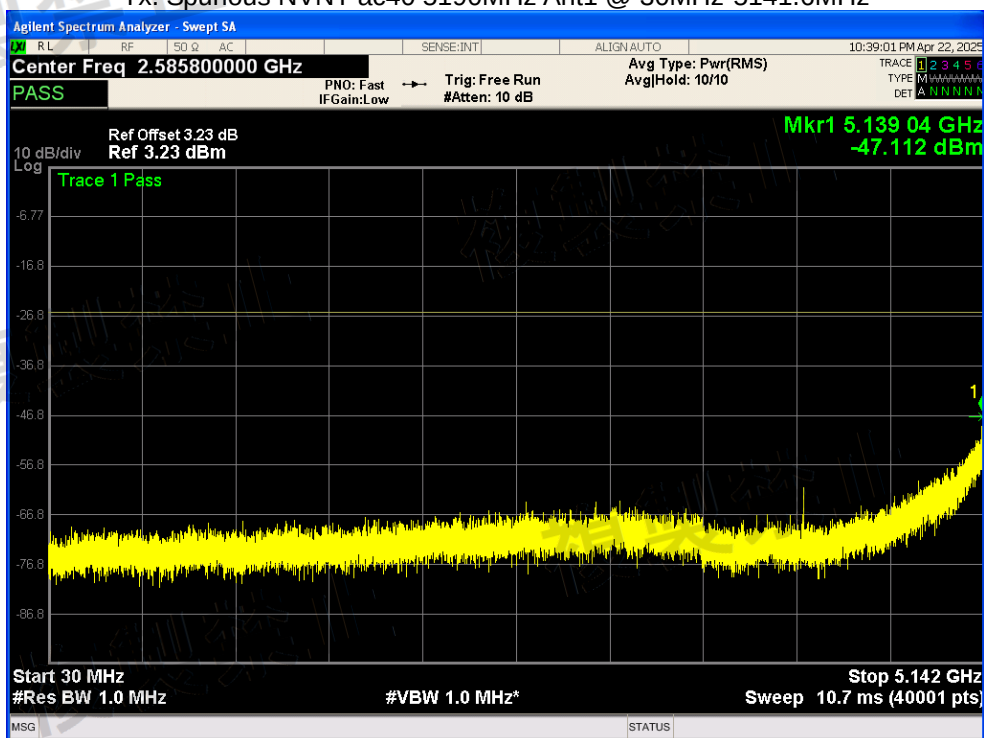
Tx. Spurious NVNT ac20 5240MHz Ant1 @ 5260MHz-5266.7MHz



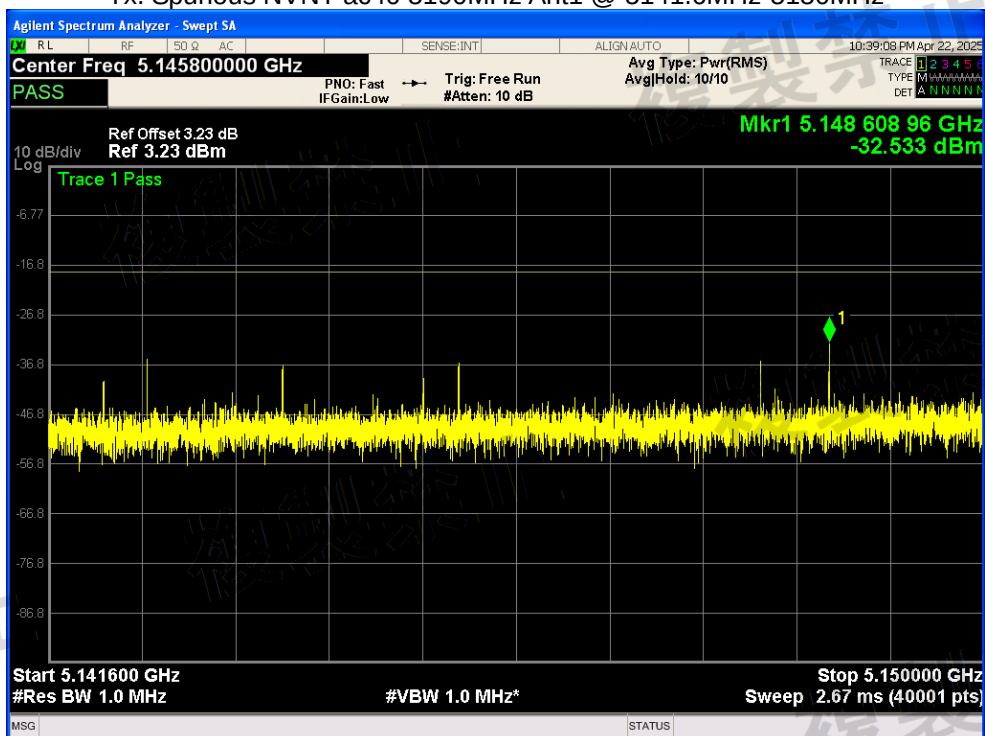
Tx. Spurious NVNT ac20 5240MHz Ant1 @ 5266.7MHz-26000MHz



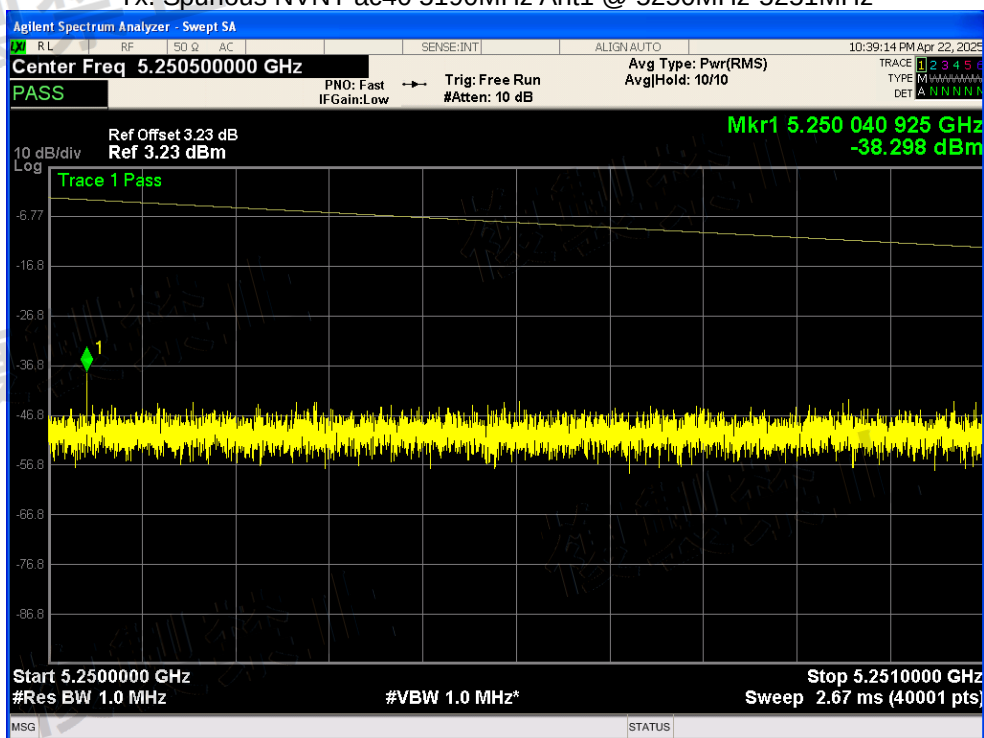
Tx. Spurious NVNT ac40 5190MHz Ant1 @ 30MHz-5141.6MHz



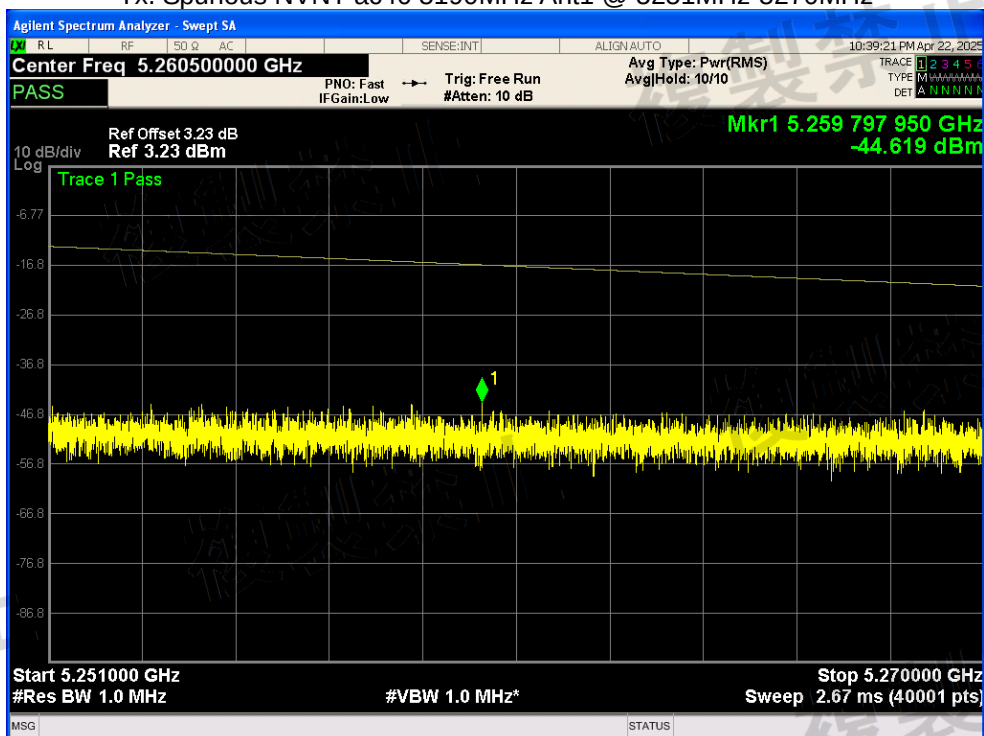
Tx. Spurious NVNT ac40 5190MHz Ant1 @ 5141.6MHz-5150MHz



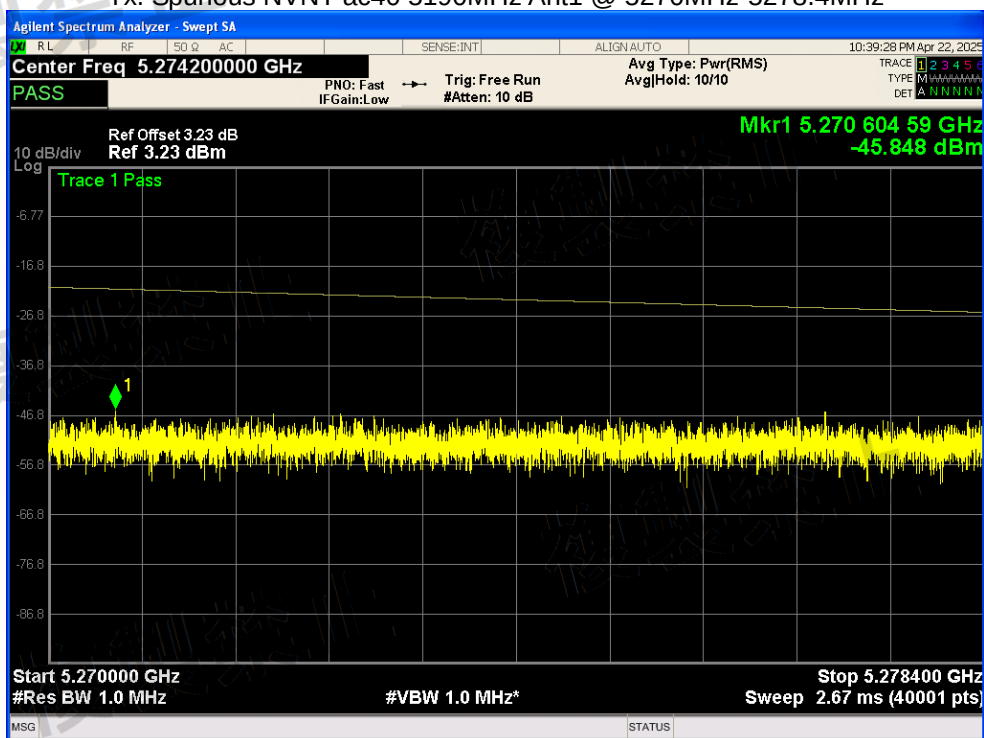
Tx. Spurious NVNT ac40 5190MHz Ant1 @ 5250MHz-5251MHz



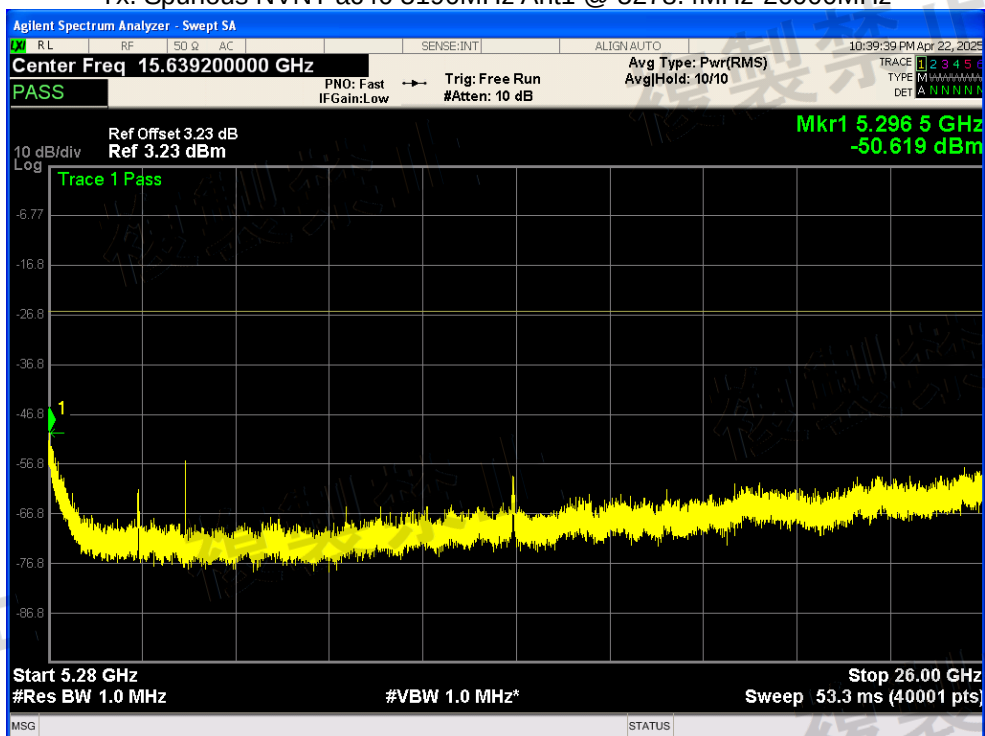
Tx. Spurious NVNT ac40 5190MHz Ant1 @ 5251MHz-5270MHz



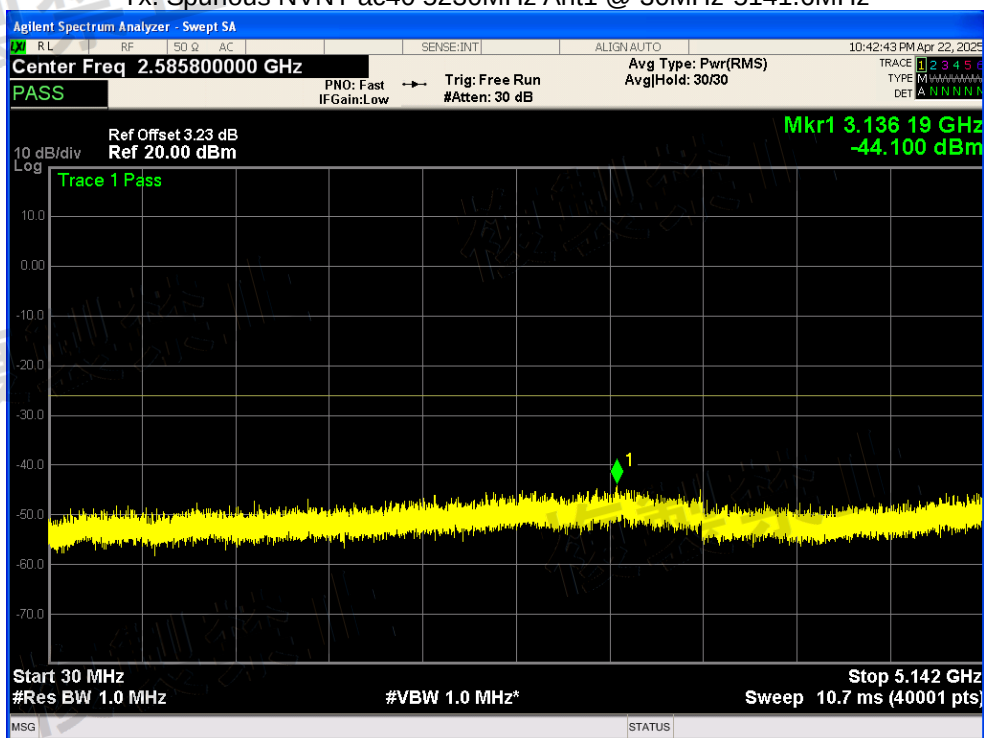
Tx. Spurious NVNT ac40 5190MHz Ant1 @ 5270MHz-5278.4MHz



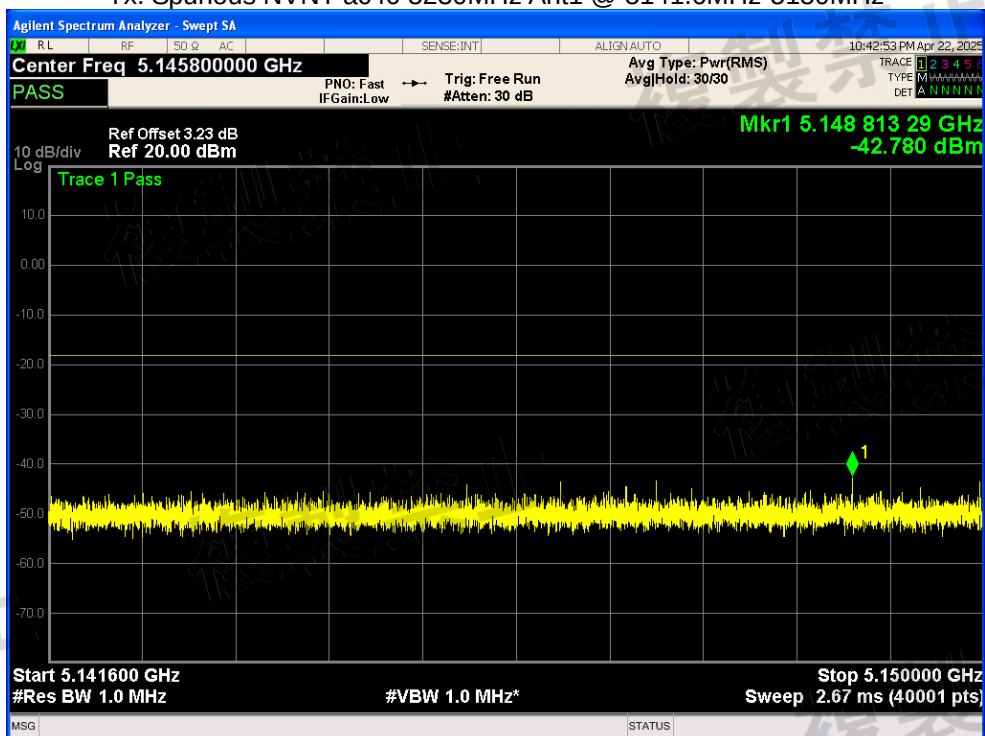
Tx. Spurious NVNT ac40 5190MHz Ant1 @ 5278.4MHz-26000MHz



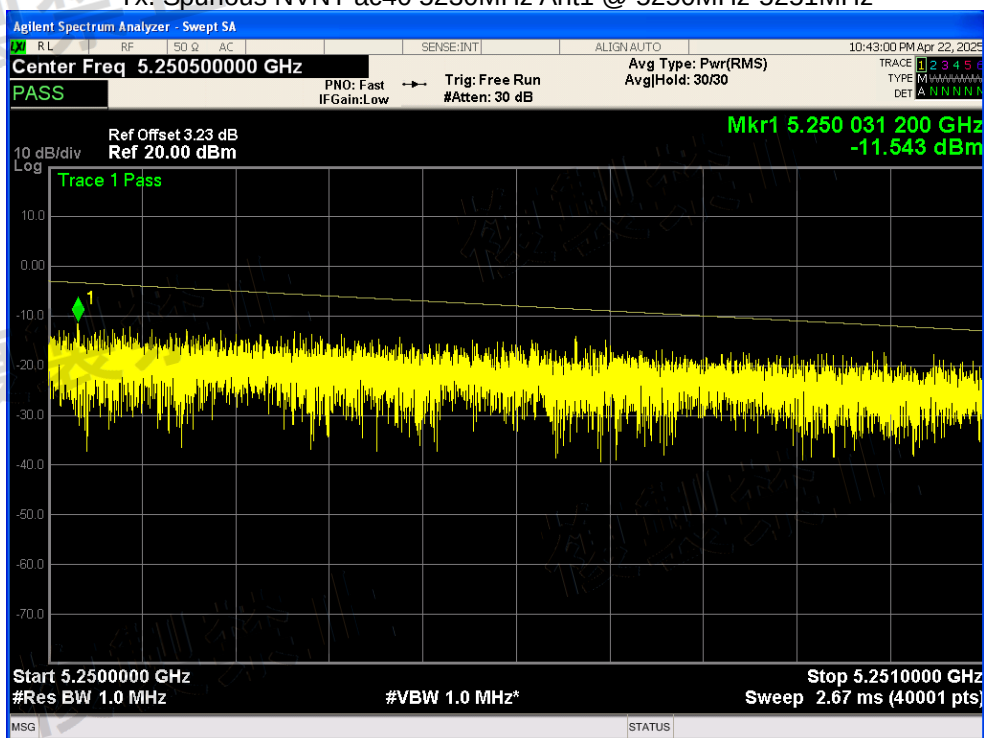
Tx. Spurious NVNT ac40 5230MHz Ant1 @ 30MHz-5141.6MHz



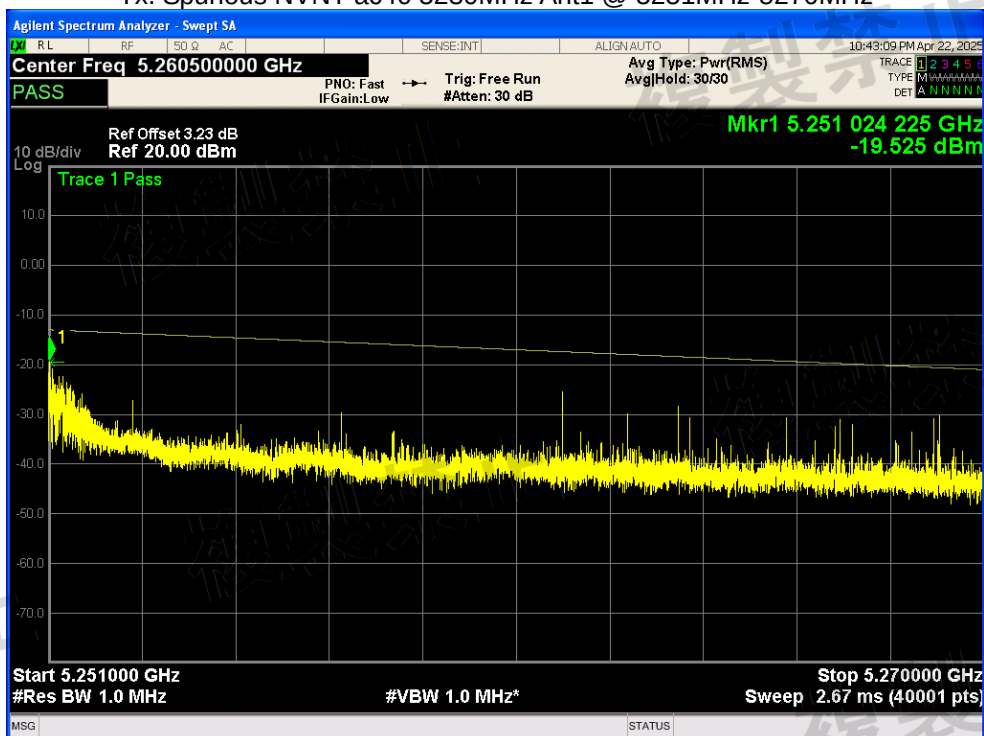
Tx. Spurious NVNT ac40 5230MHz Ant1 @ 5141.6MHz-5150MHz



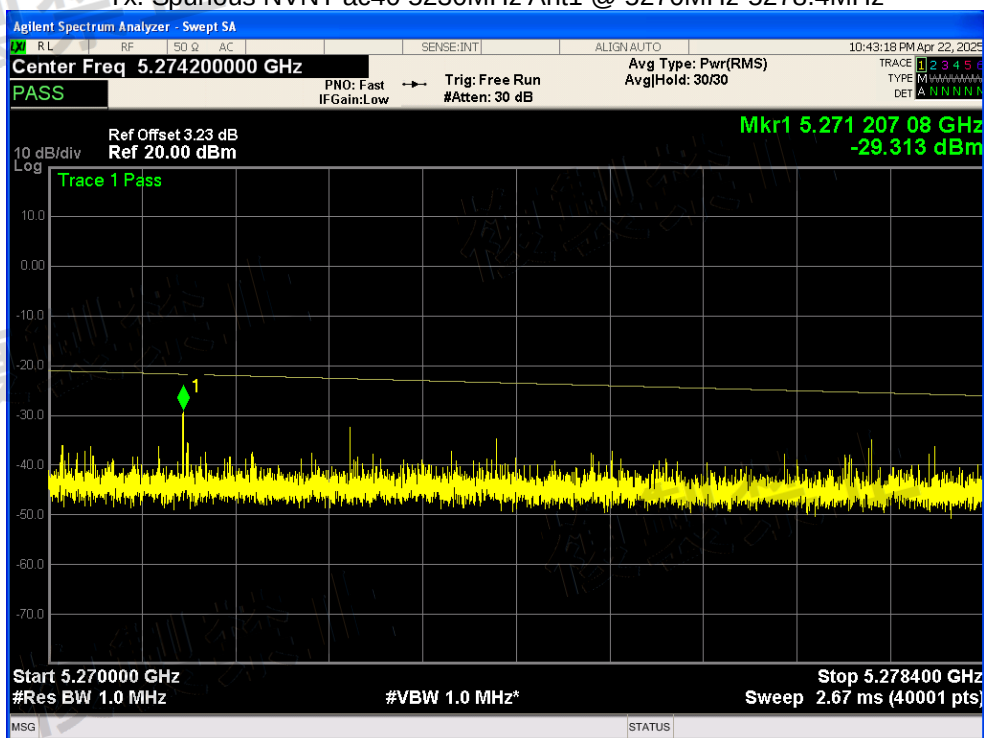
Tx. Spurious NVNT ac40 5230MHz Ant1 @ 5250MHz-5251MHz



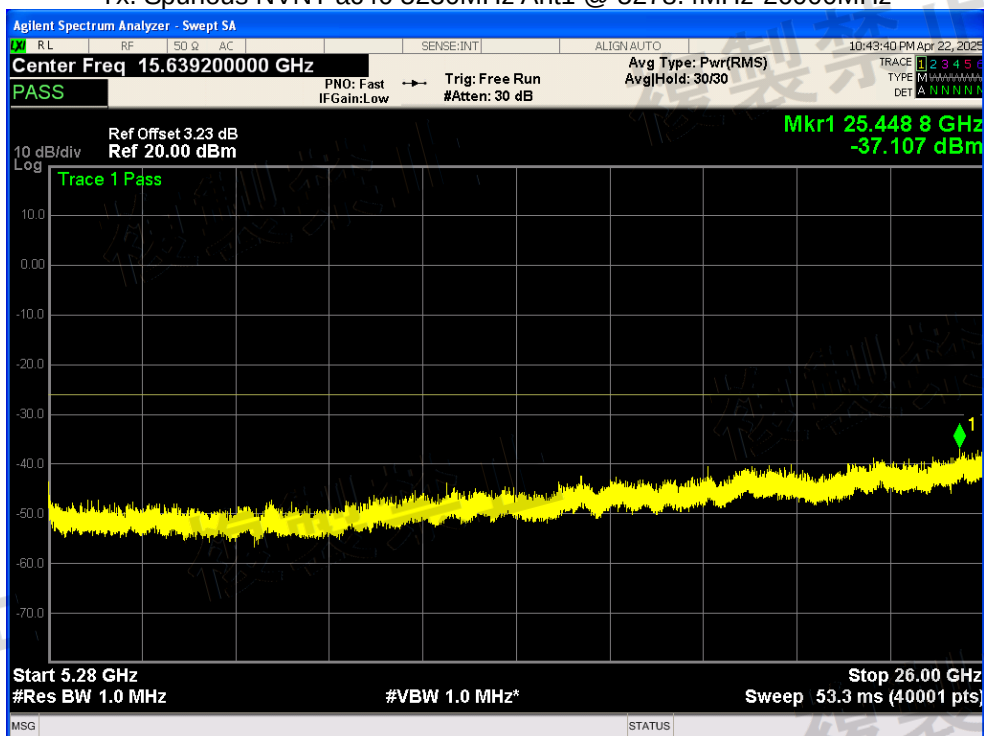
Tx. Spurious NVNT ac40 5230MHz Ant1 @ 5251MHz-5270MHz



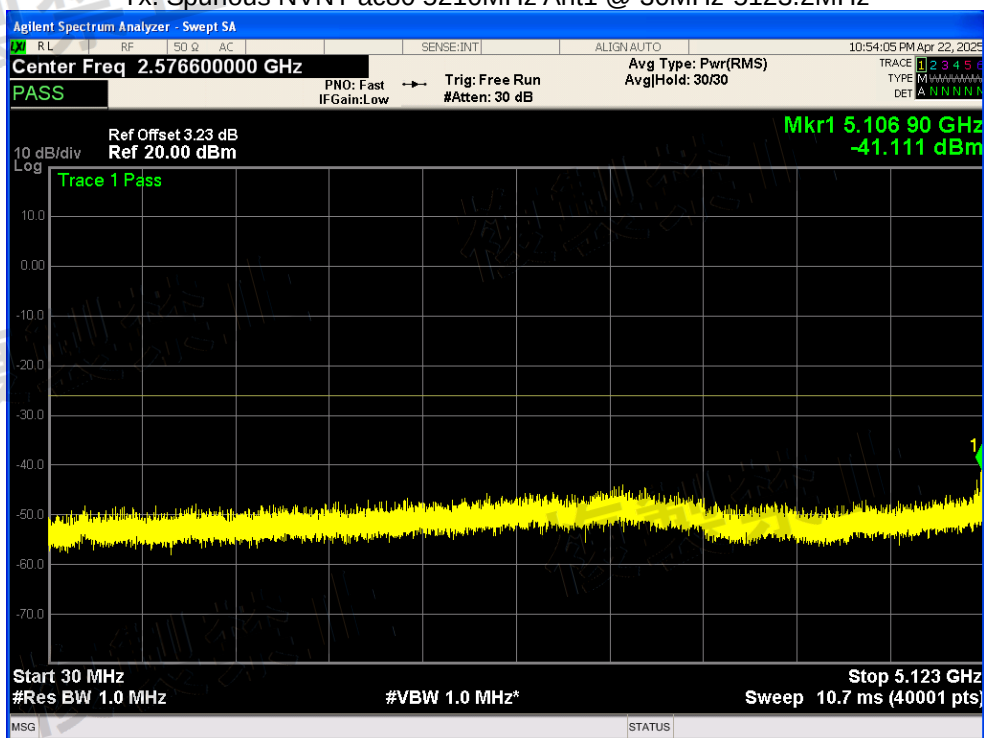
Tx. Spurious NVNT ac40 5230MHz Ant1 @ 5270MHz-5278.4MHz



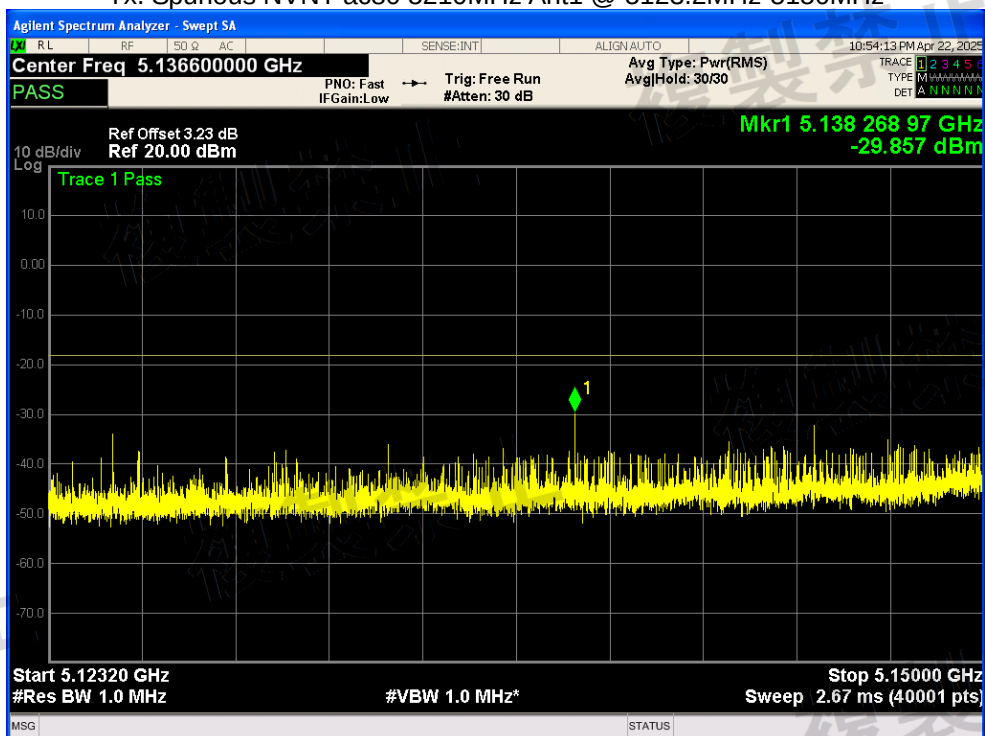
Tx. Spurious NVNT ac40 5230MHz Ant1 @ 5278.4MHz-26000MHz



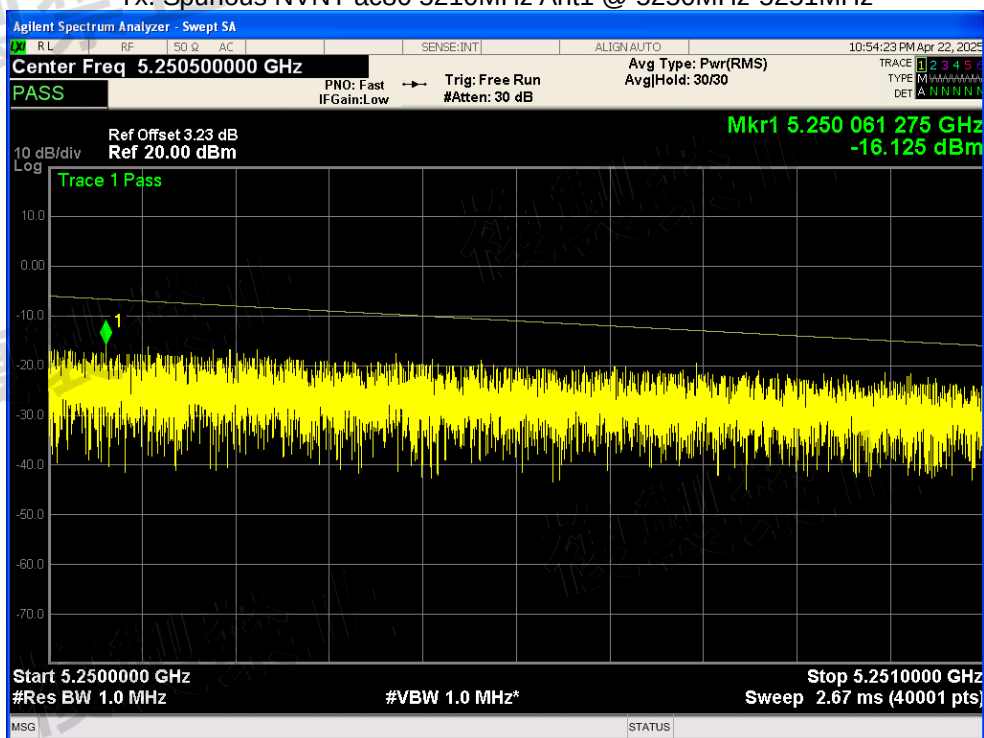
Tx. Spurious NVNT ac80 5210MHz Ant1 @ 30MHz-5123.2MHz



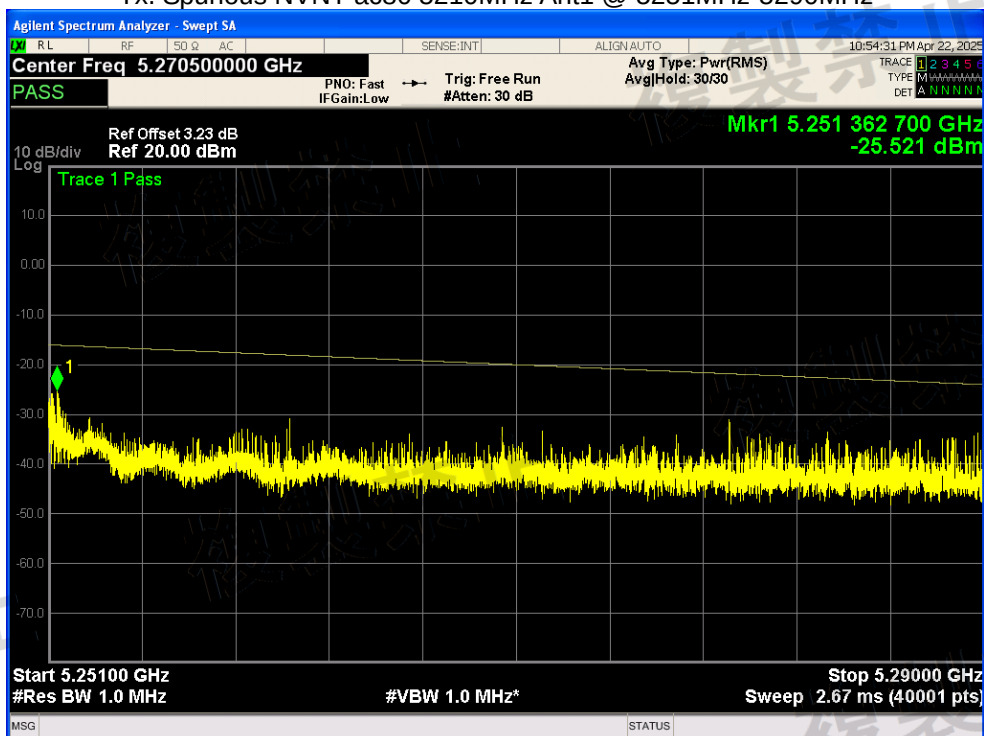
Tx. Spurious NVNT ac80 5210MHz Ant1 @ 5123.2MHz-5150MHz



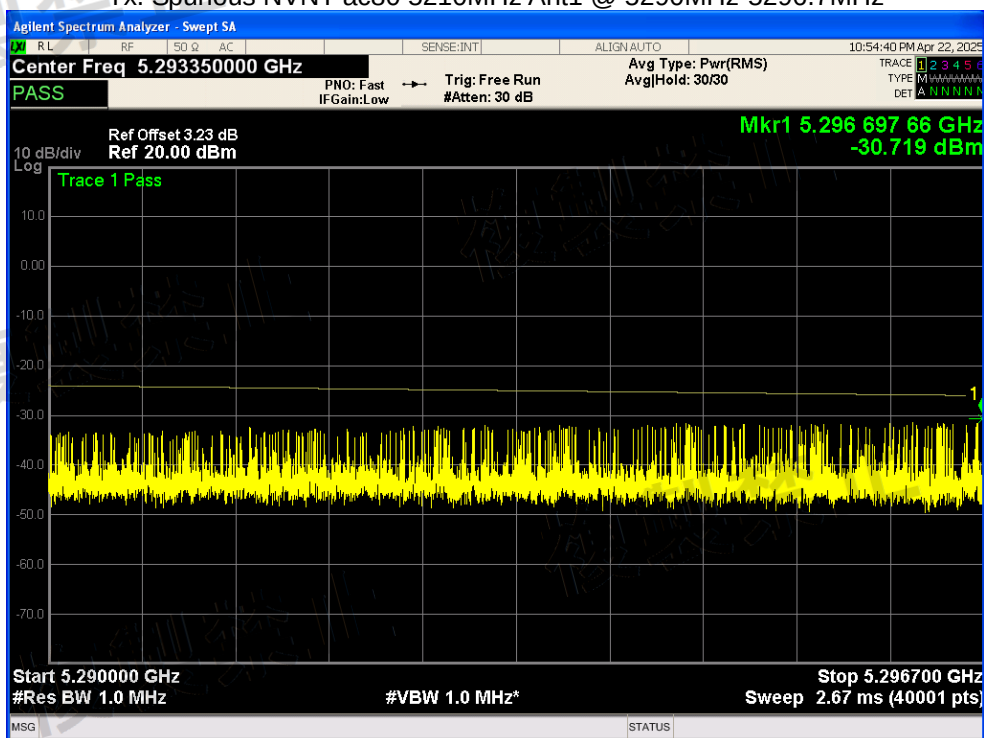
Tx. Spurious NVNT ac80 5210MHz Ant1 @ 5250MHz-5251MHz



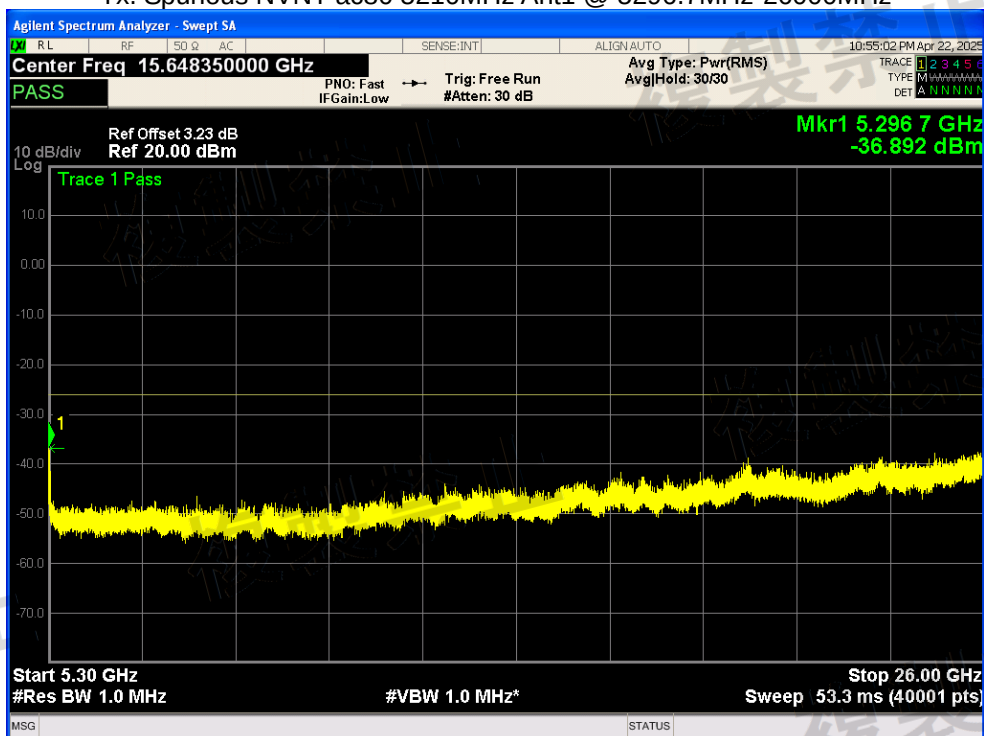
Tx. Spurious NVNT ac80 5210MHz Ant1 @ 5251MHz-5290MHz



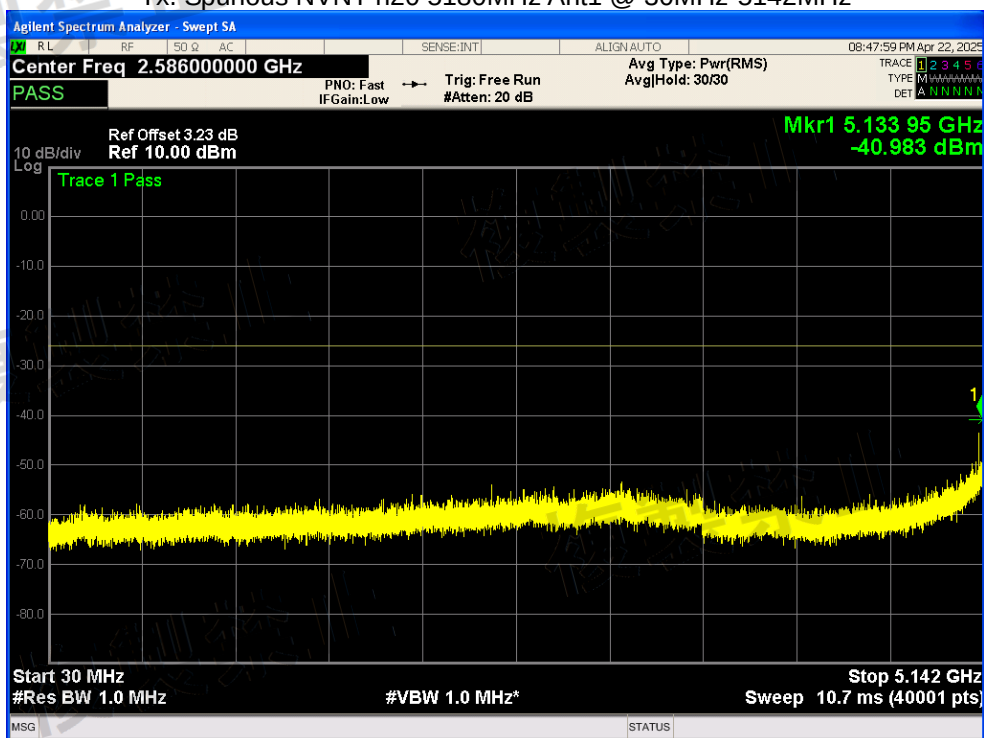
Tx. Spurious NVNT ac80 5210MHz Ant1 @ 5290MHz-5296.7MHz



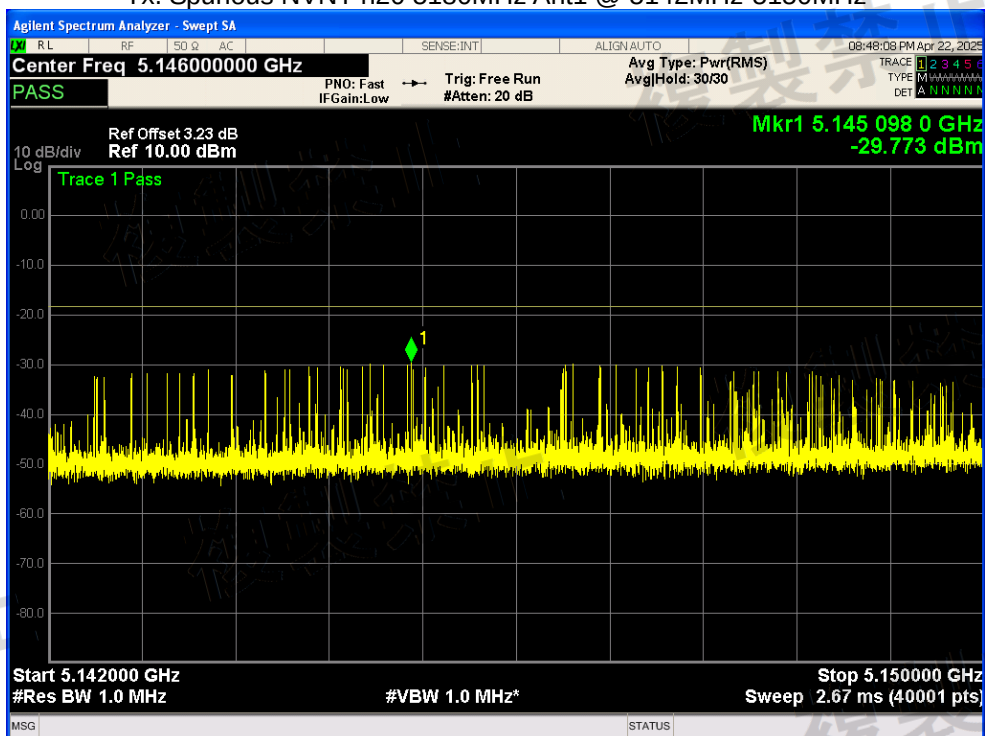
Tx. Spurious NVNT ac80 5210MHz Ant1 @ 5296.7MHz-26000MHz



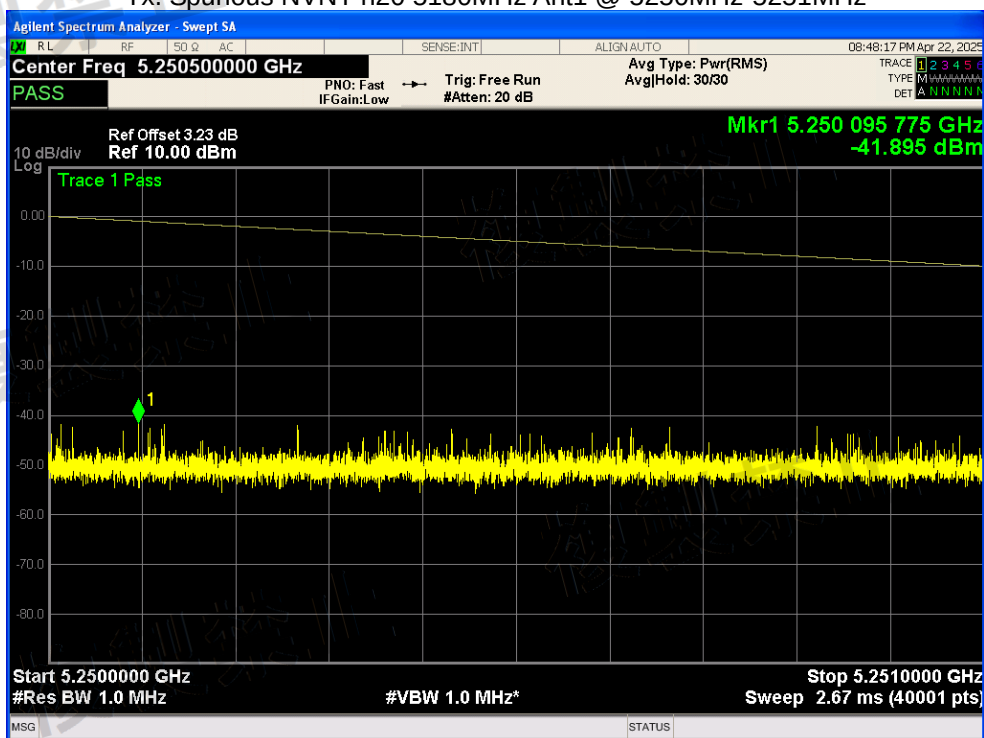
Tx. Spurious NVNT n20 5180MHz Ant1 @ 30MHz-5142MHz



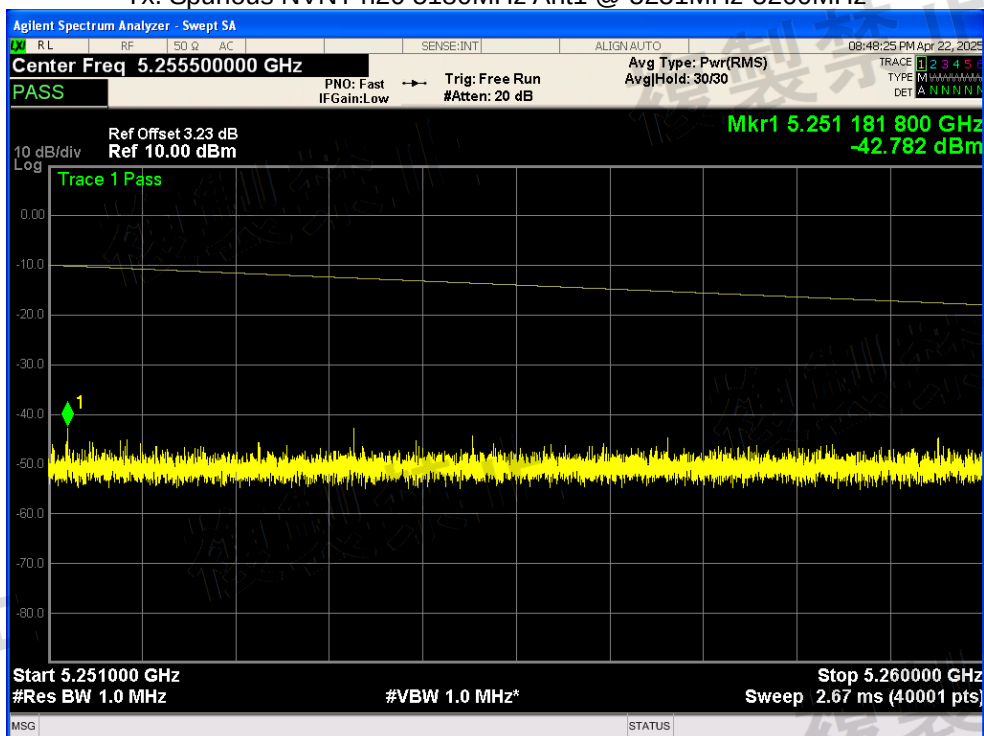
Tx. Spurious NVNT n20 5180MHz Ant1 @ 5142MHz-5150MHz



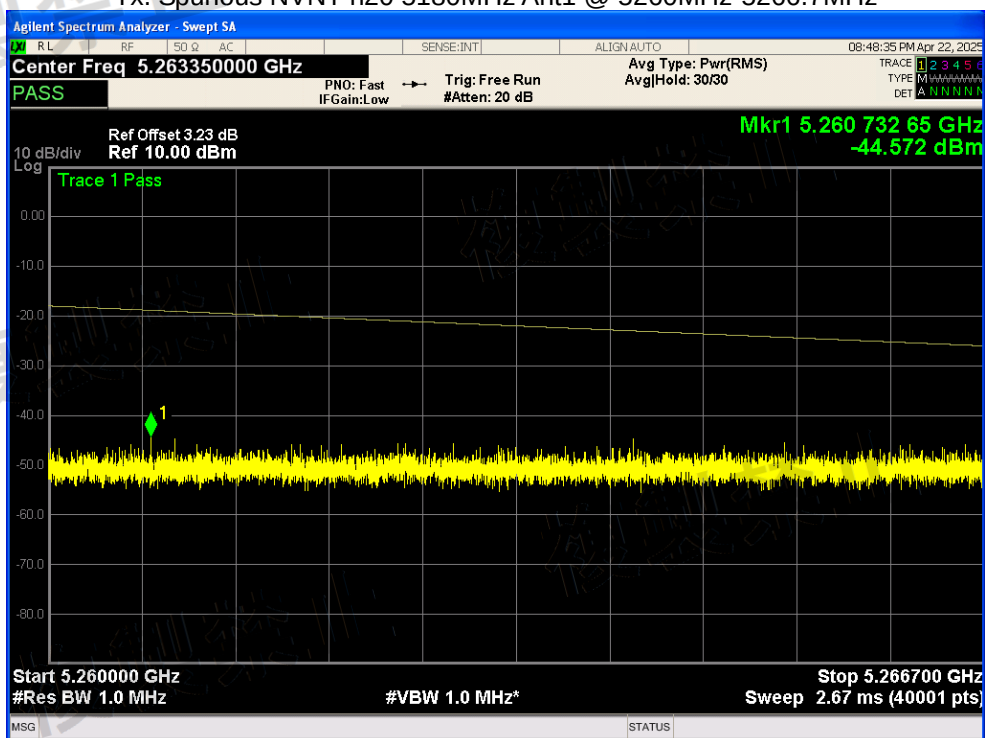
Tx. Spurious NVNT n20 5180MHz Ant1 @ 5250MHz-5251MHz



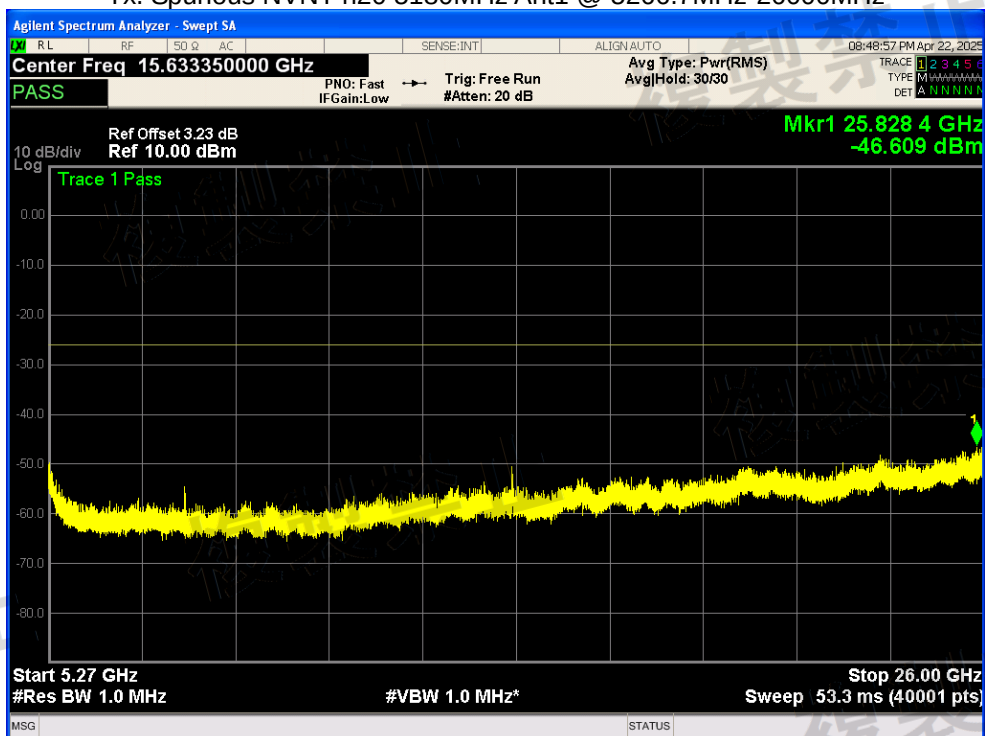
Tx. Spurious NVNT n20 5180MHz Ant1 @ 5251MHz-5260MHz



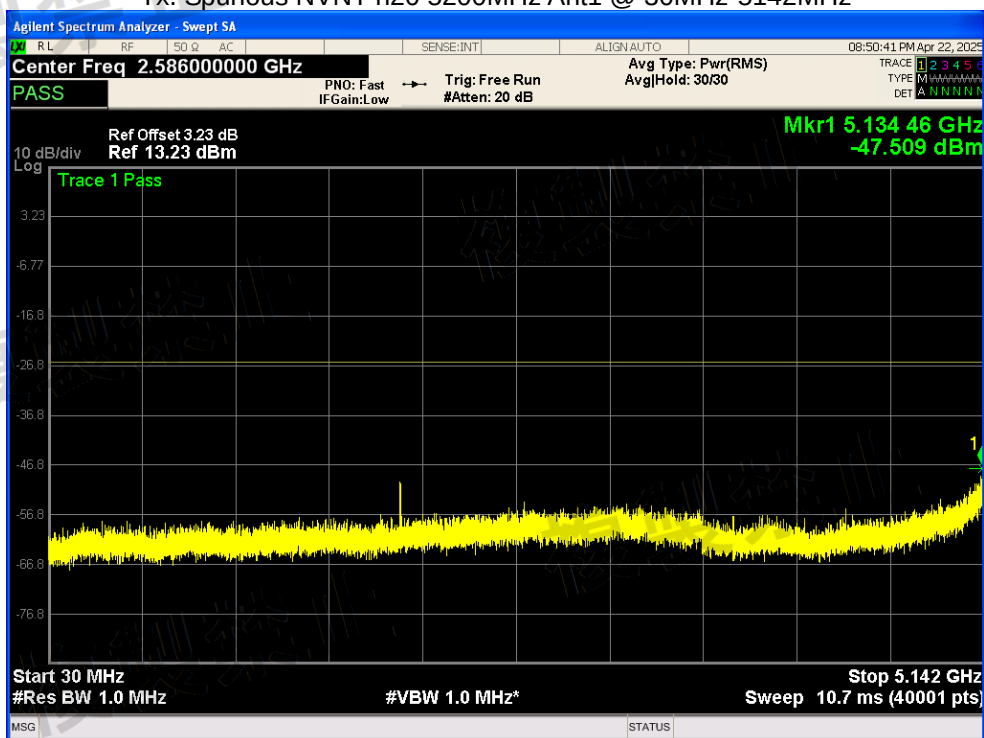
Tx. Spurious NVNT n20 5180MHz Ant1 @ 5260MHz-5266.7MHz



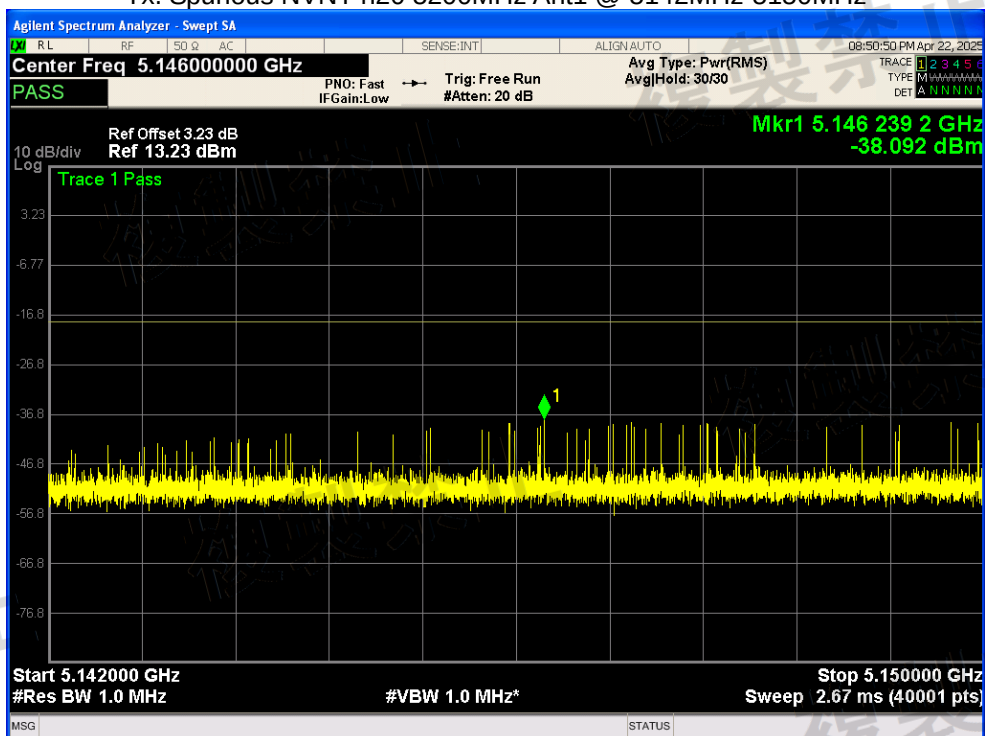
Tx. Spurious NVNT n20 5180MHz Ant1 @ 5266.7MHz-26000MHz



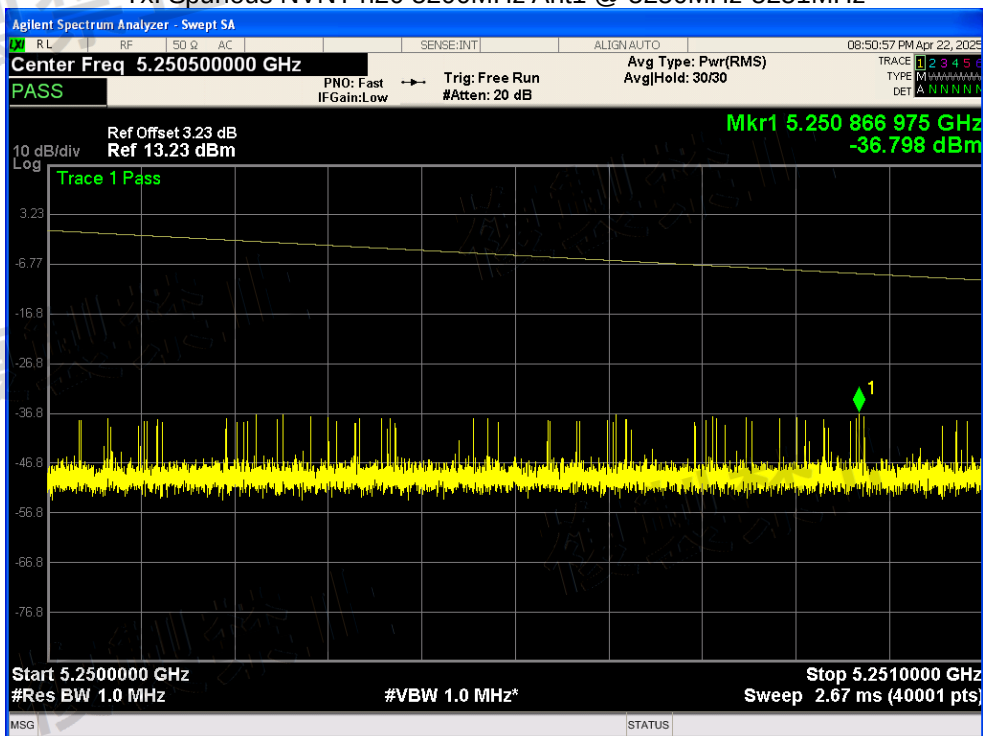
Tx. Spurious NVNT n20 5200MHz Ant1 @ 30MHz-5142MHz



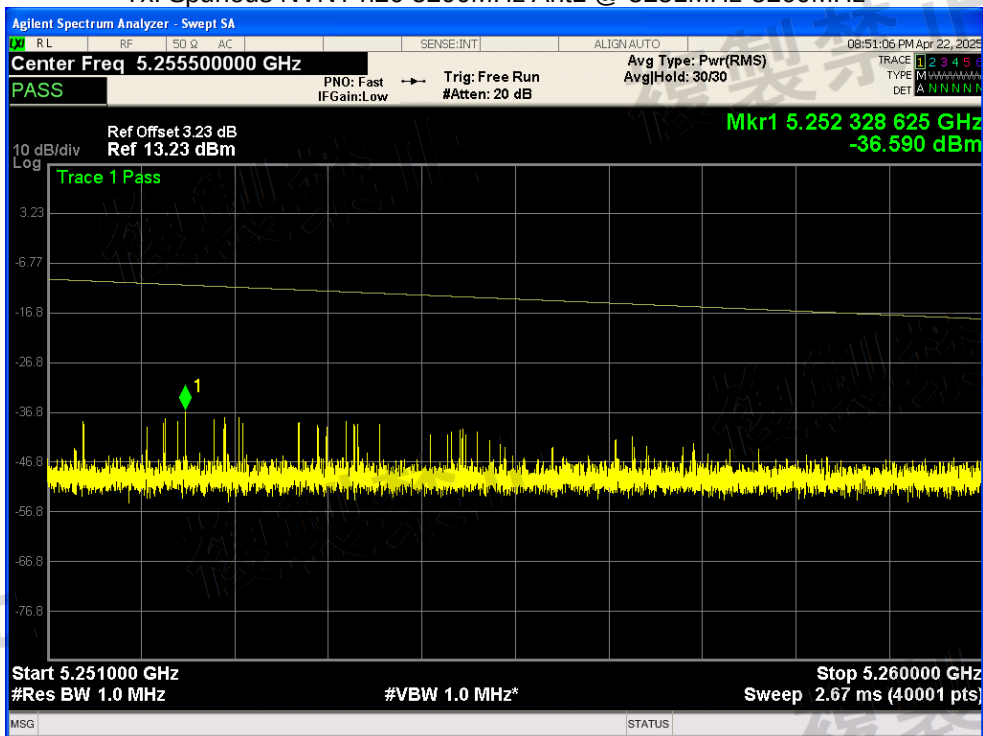
Tx. Spurious NVNT n20 5200MHz Ant1 @ 5142MHz-5150MHz



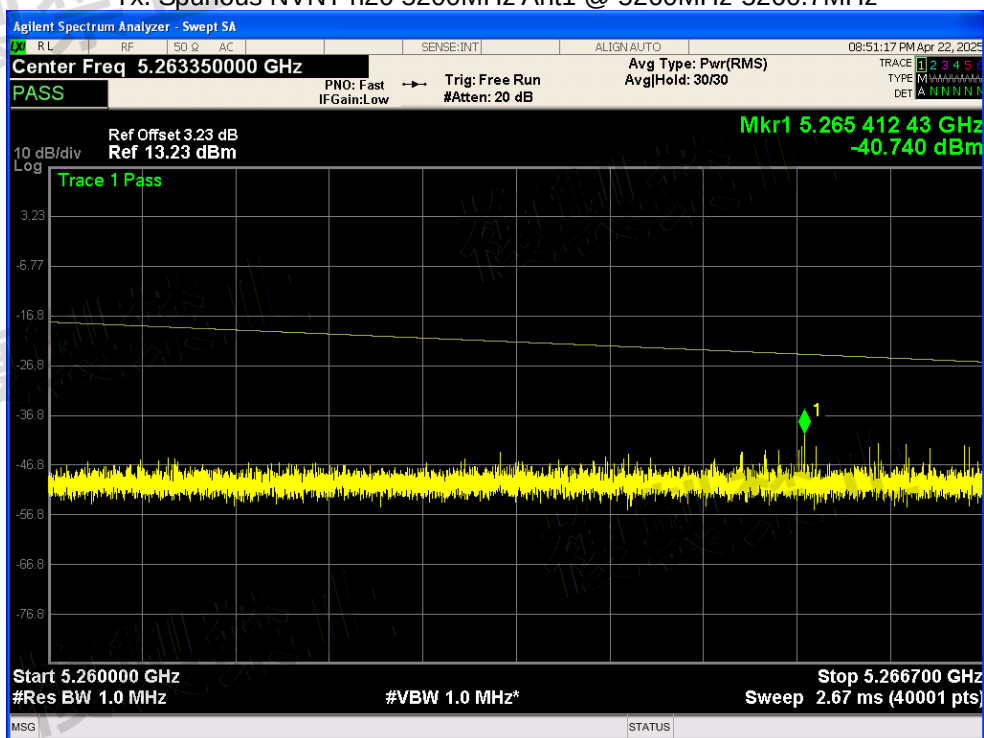
Tx. Spurious NVNT n20 5200MHz Ant1 @ 5250MHz-5251MHz



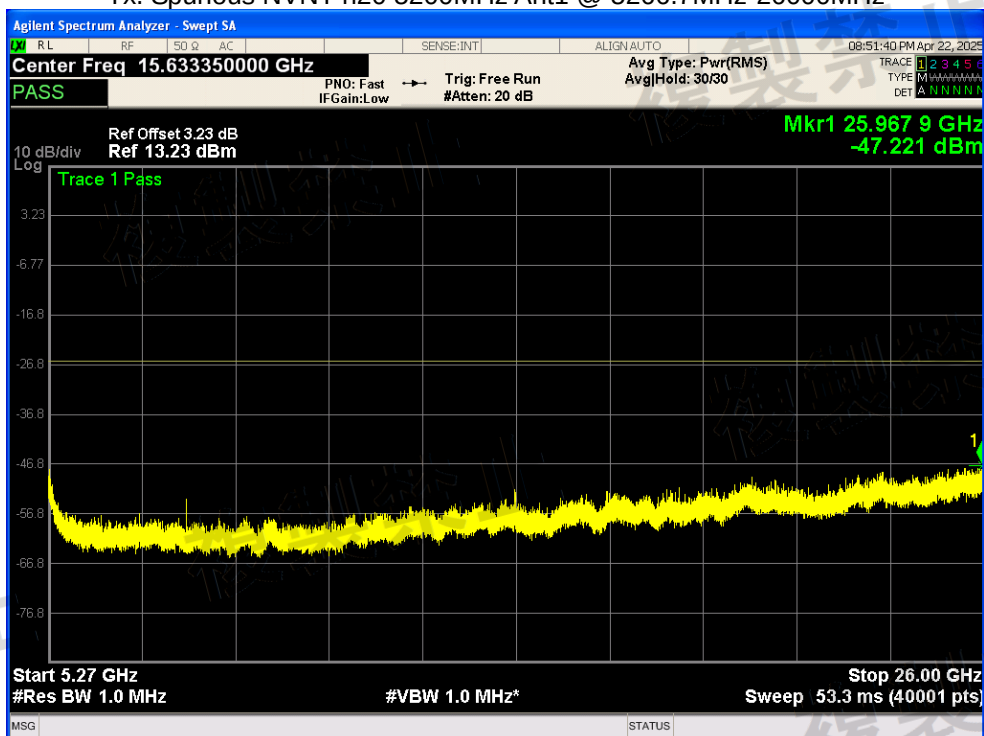
Tx. Spurious NVNT n20 5200MHz Ant1 @ 5251MHz-5260MHz



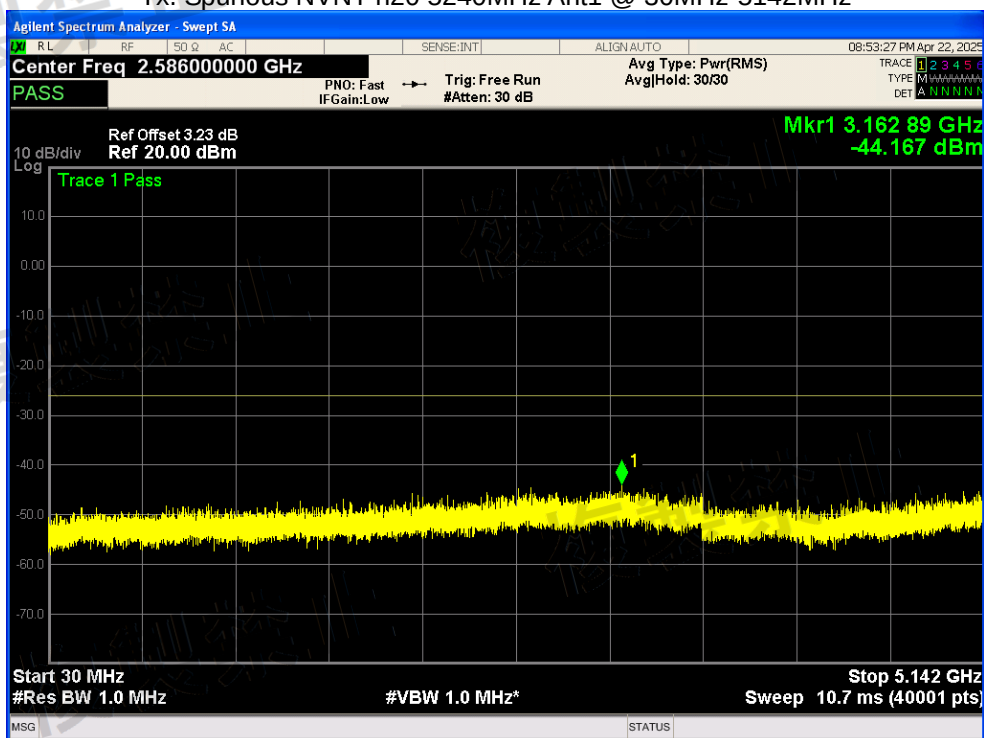
Tx. Spurious NVNT n20 5200MHz Ant1 @ 5260MHz-5266.7MHz



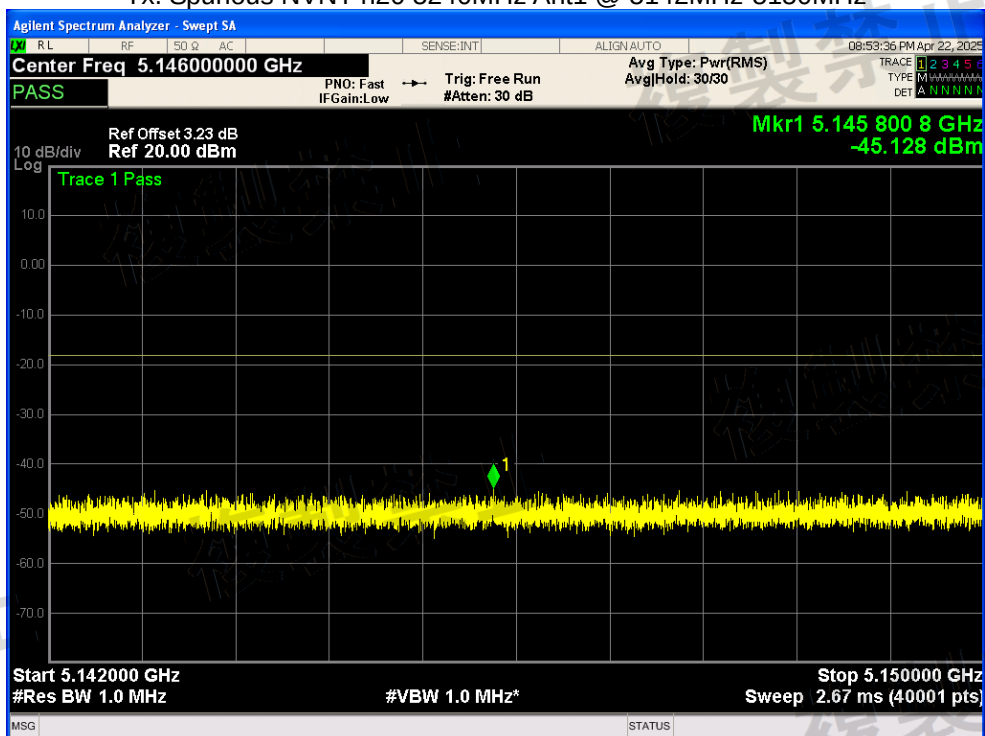
Tx. Spurious NVNT n20 5200MHz Ant1 @ 5266.7MHz-26000MHz



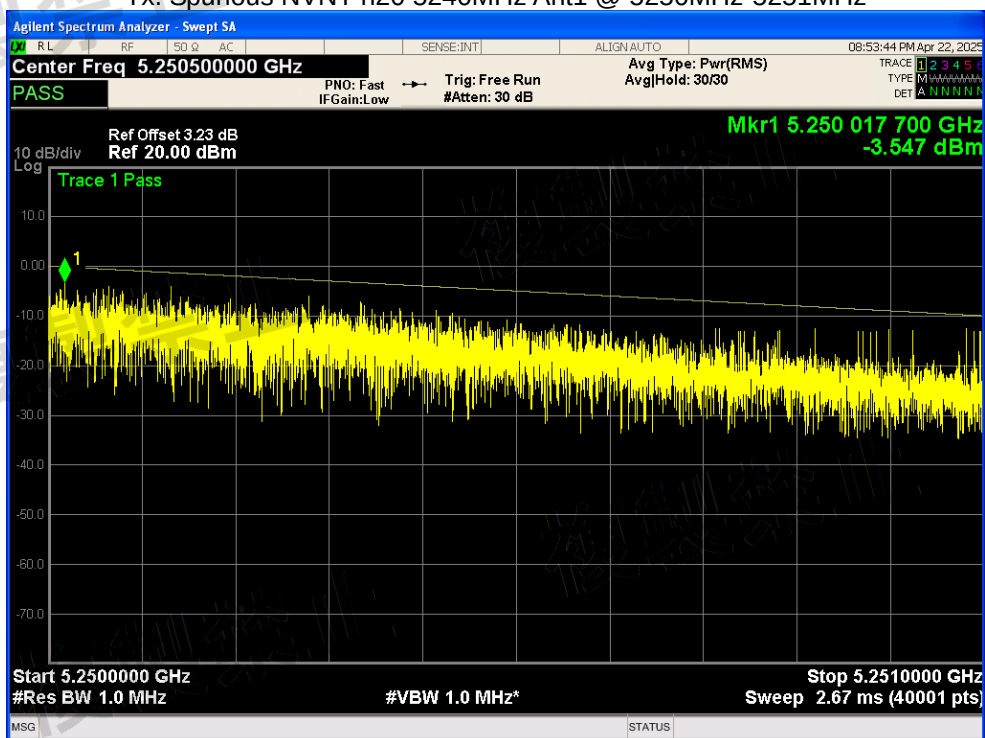
Tx. Spurious NVNT n20 5240MHz Ant1 @ 30MHz-5142MHz



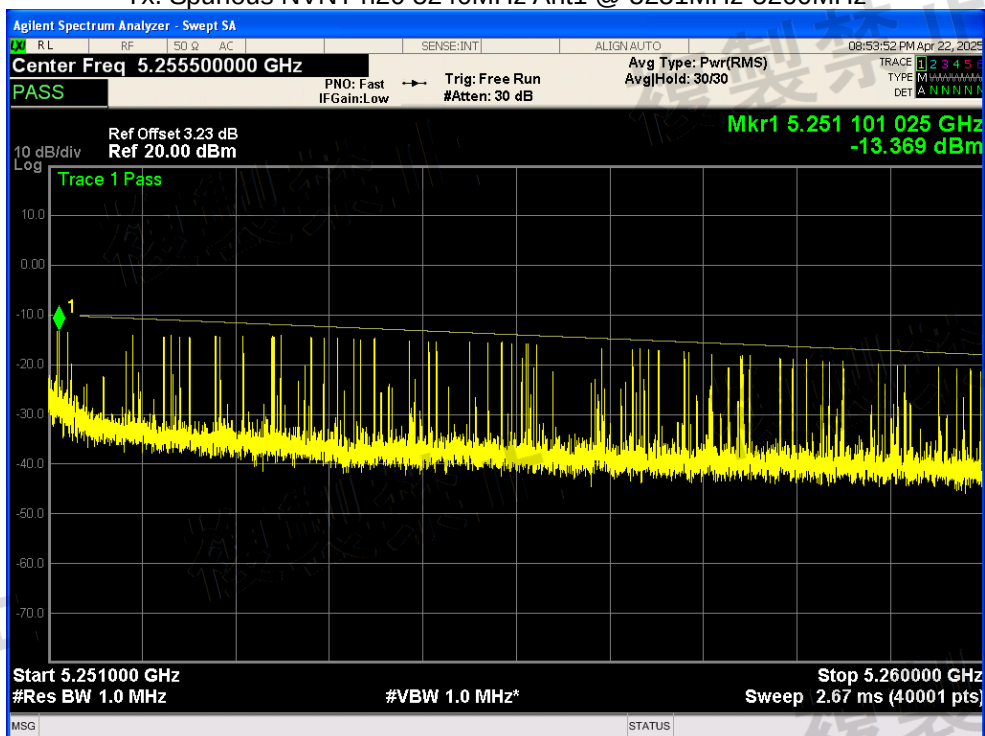
Tx. Spurious NVNT n20 5240MHz Ant1 @ 5142MHz-5150MHz



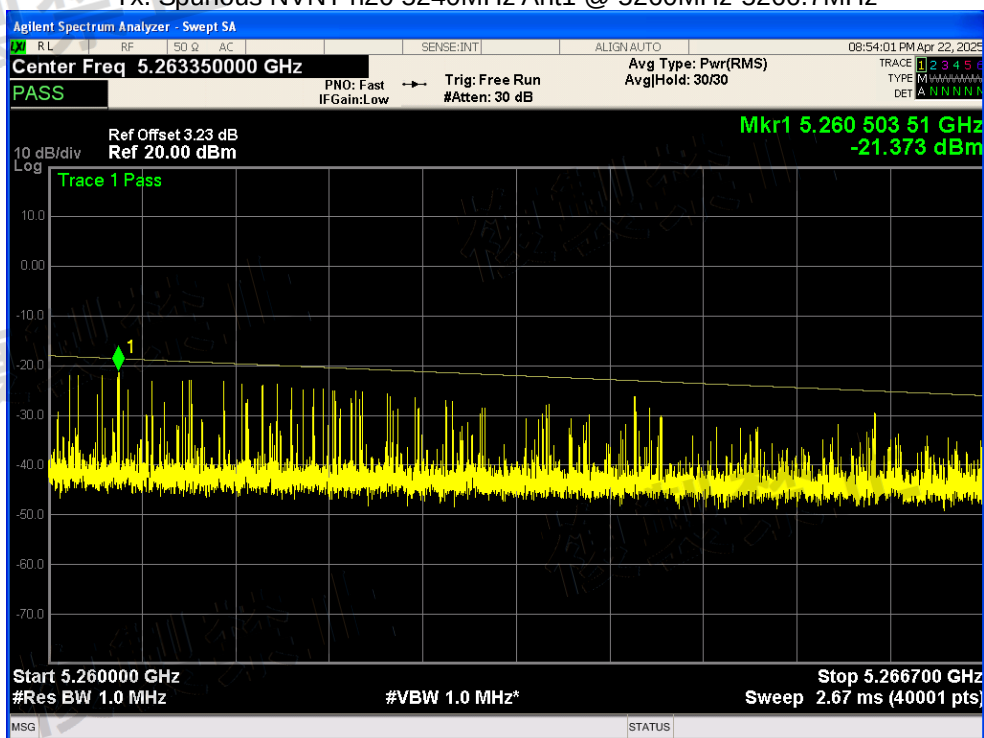
Tx. Spurious NVNT n20 5240MHz Ant1 @ 5250MHz-5251MHz



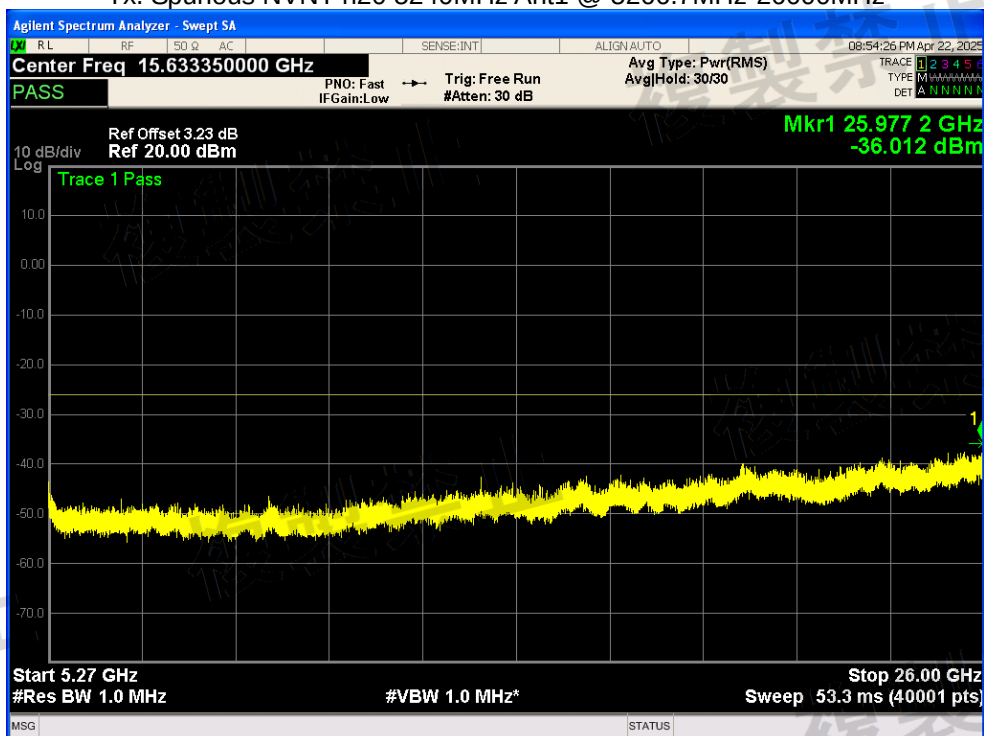
Tx. Spurious NVNT n20 5240MHz Ant1 @ 5251MHz-5260MHz



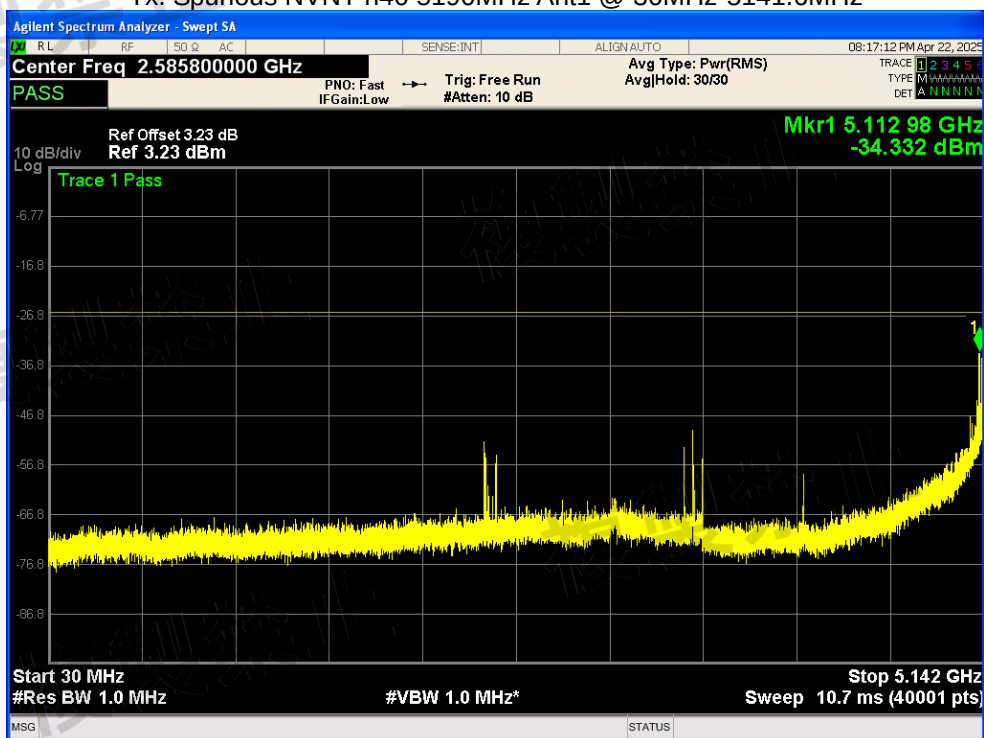
Tx. Spurious NVNT n20 5240MHz Ant1 @ 5260MHz-5266.7MHz



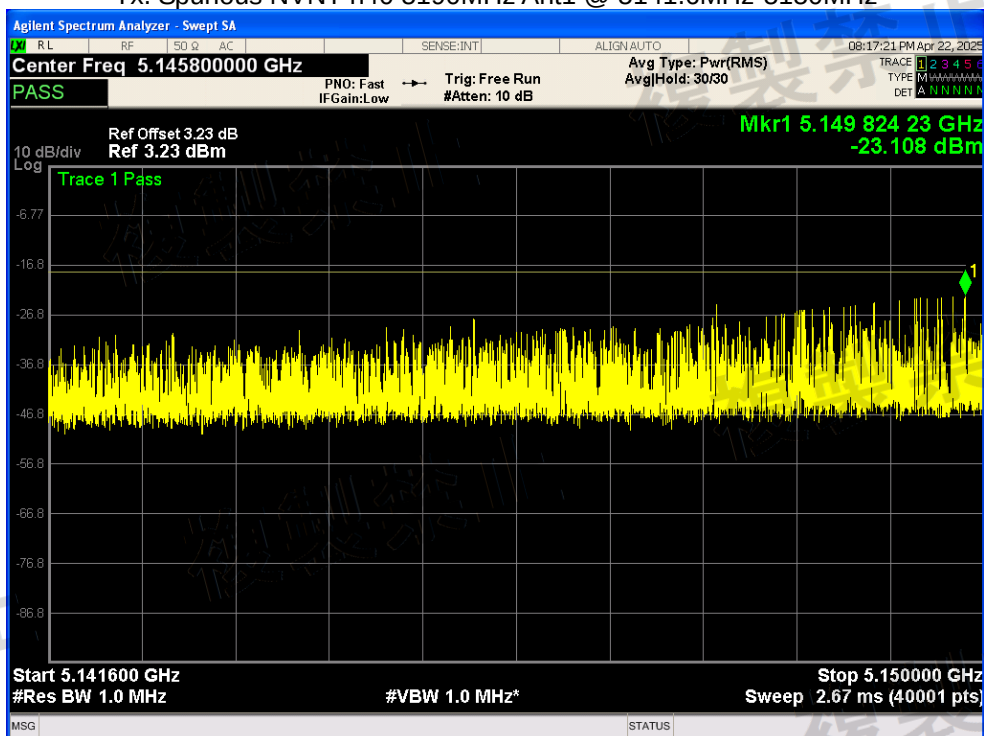
Tx. Spurious NVNT n20 5240MHz Ant1 @ 5266.7MHz-26000MHz



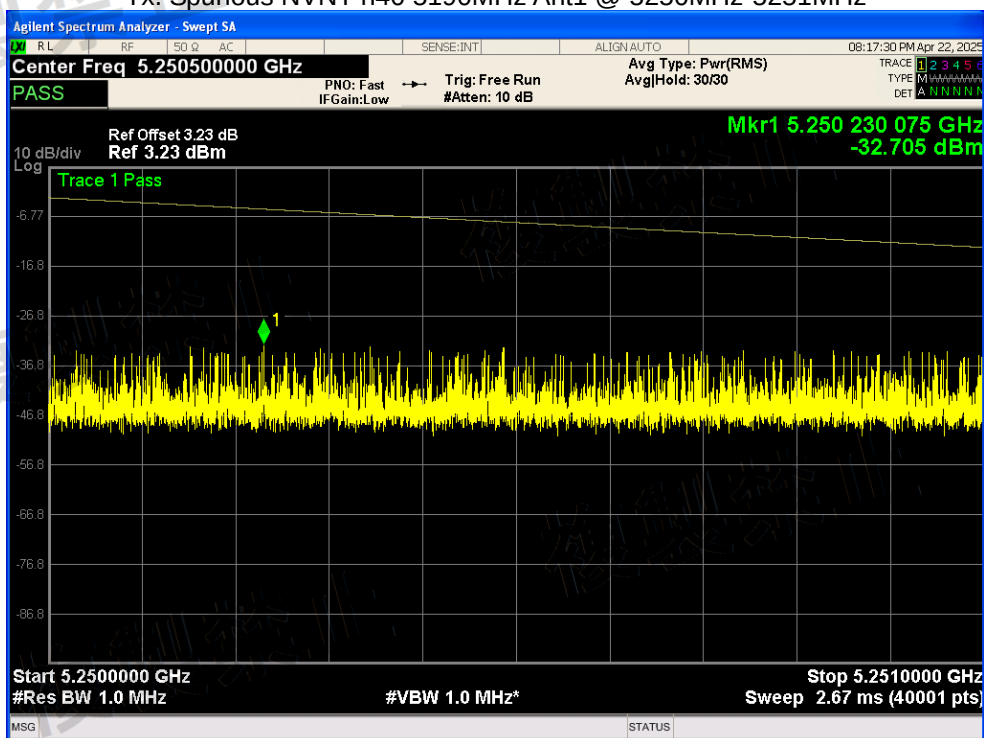
Tx. Spurious NVNT n40 5190MHz Ant1 @ 30MHz-5141.6MHz



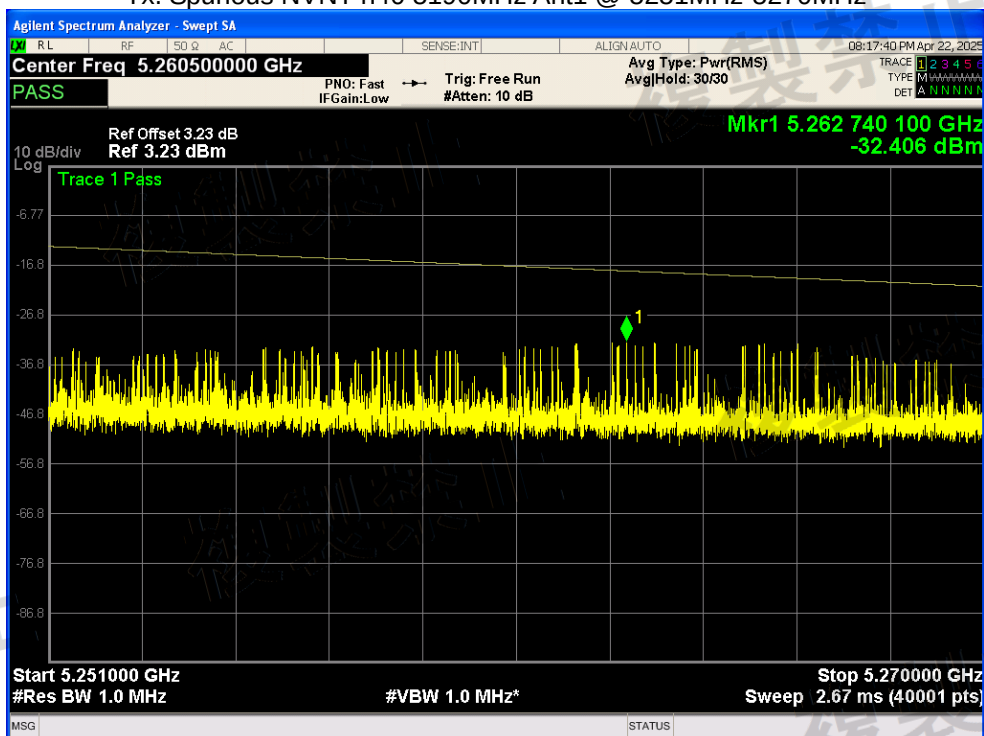
Tx. Spurious NVNT n40 5190MHz Ant1 @ 5141.6MHz-5150MHz



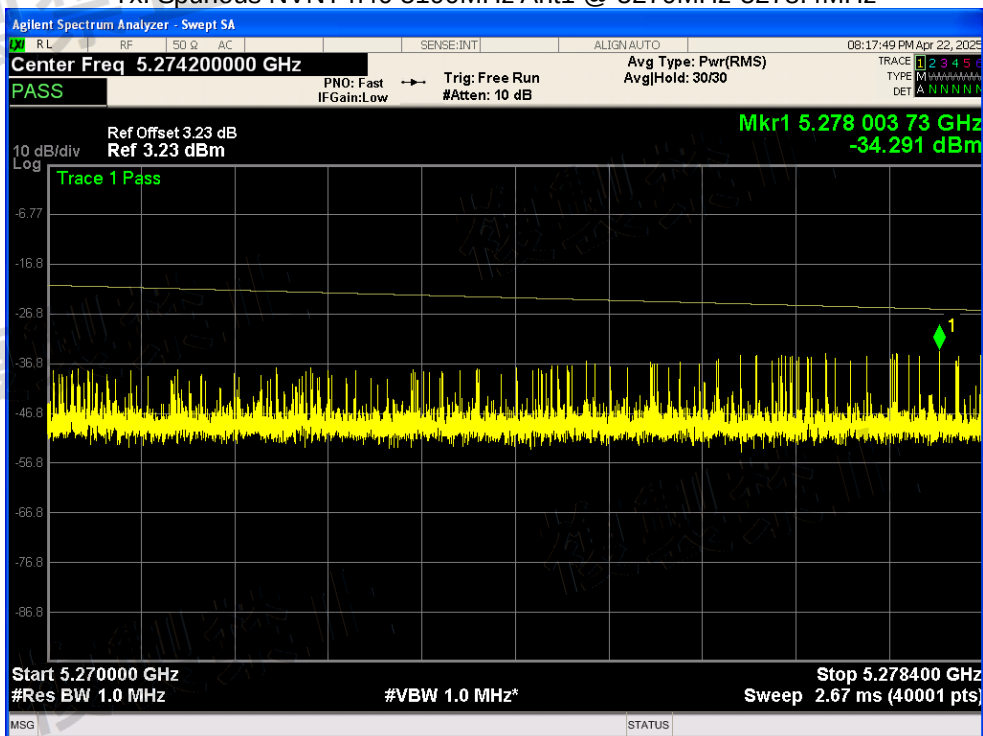
Tx. Spurious NVNT n40 5190MHz Ant1 @ 5250MHz-5251MHz



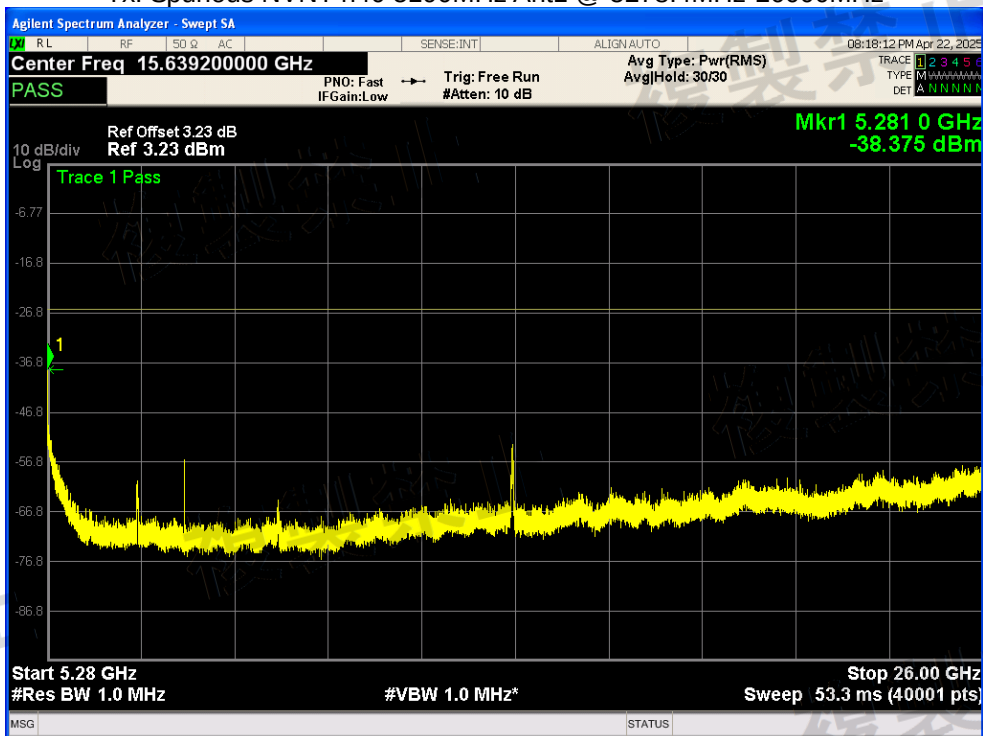
Tx. Spurious NVNT n40 5190MHz Ant1 @ 5251MHz-5270MHz



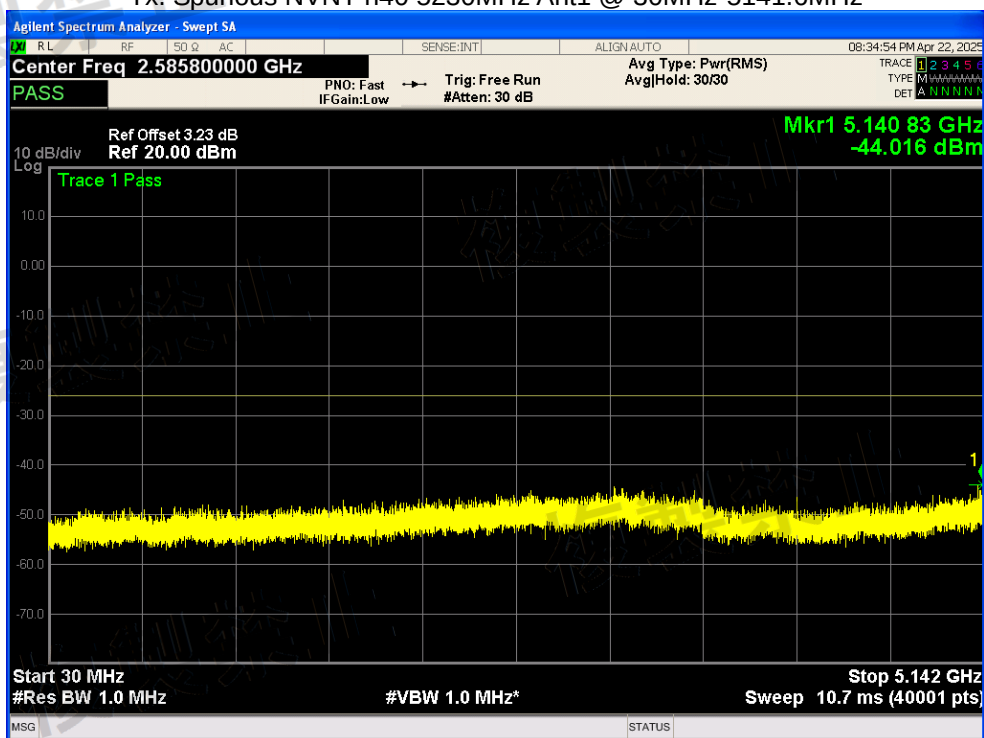
Tx. Spurious NVNT n40 5190MHz Ant1 @ 5270MHz-5278.4MHz



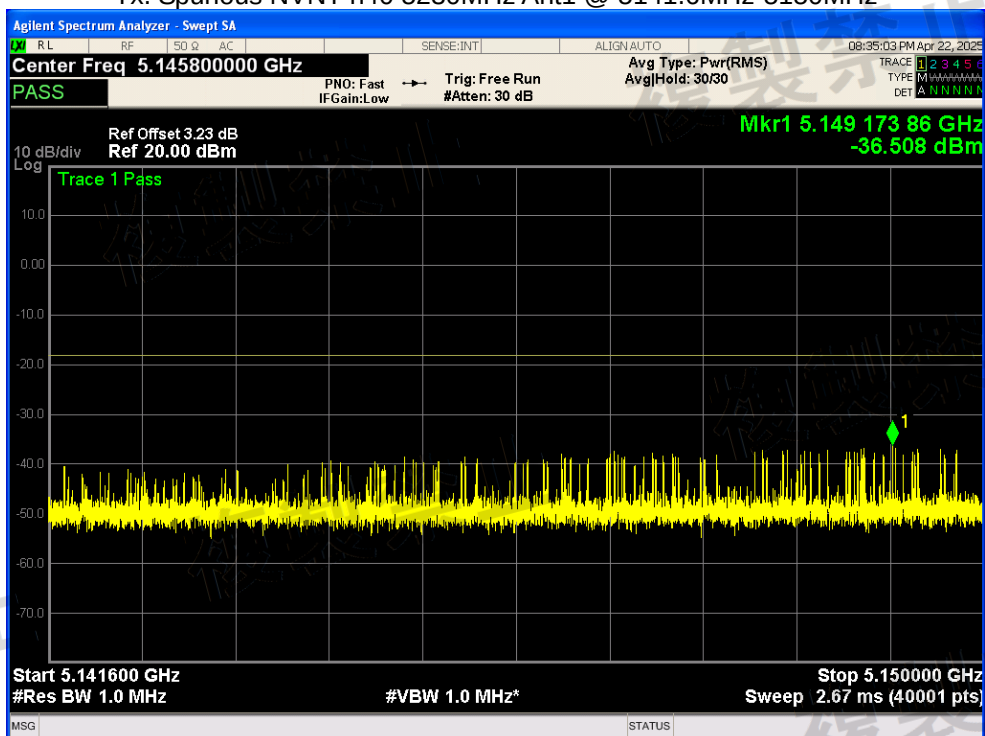
Tx. Spurious NVNT n40 5190MHz Ant1 @ 5278.4MHz-26000MHz



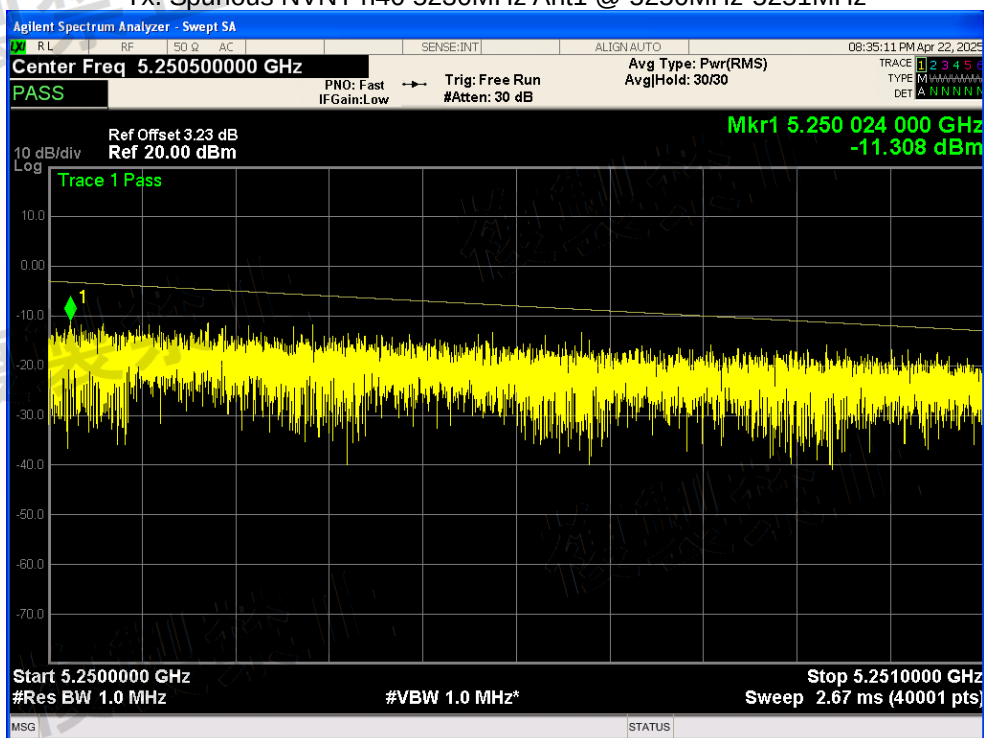
Tx. Spurious NVNT n40 5230MHz Ant1 @ 30MHz-5141.6MHz



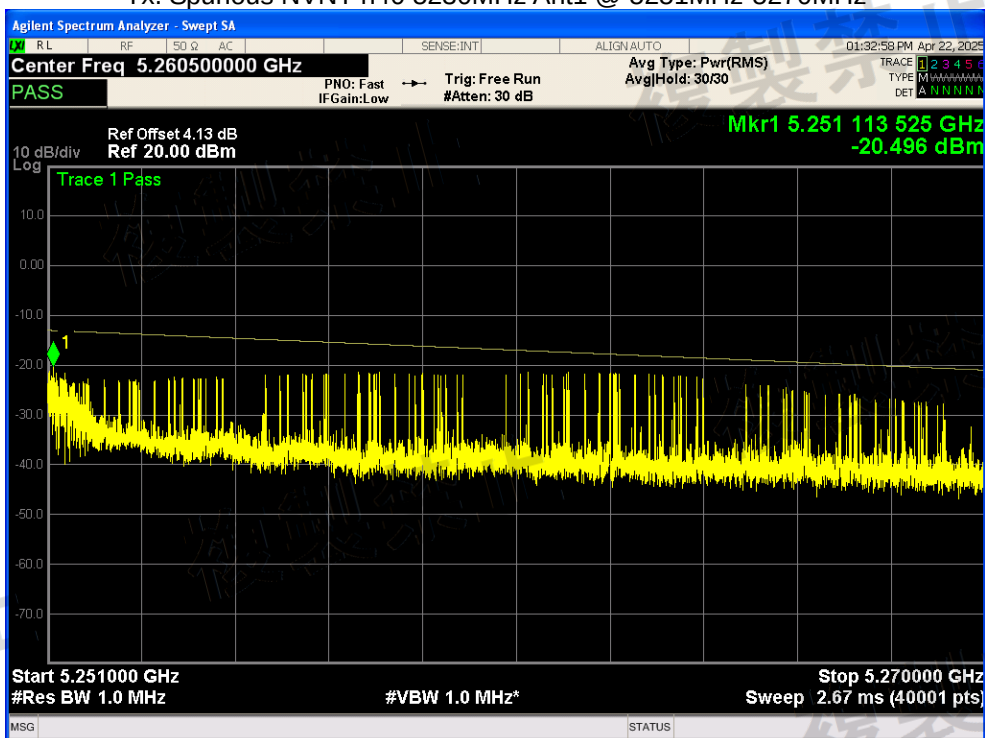
Tx. Spurious NVNT n40 5230MHz Ant1 @ 5141.6MHz-5150MHz



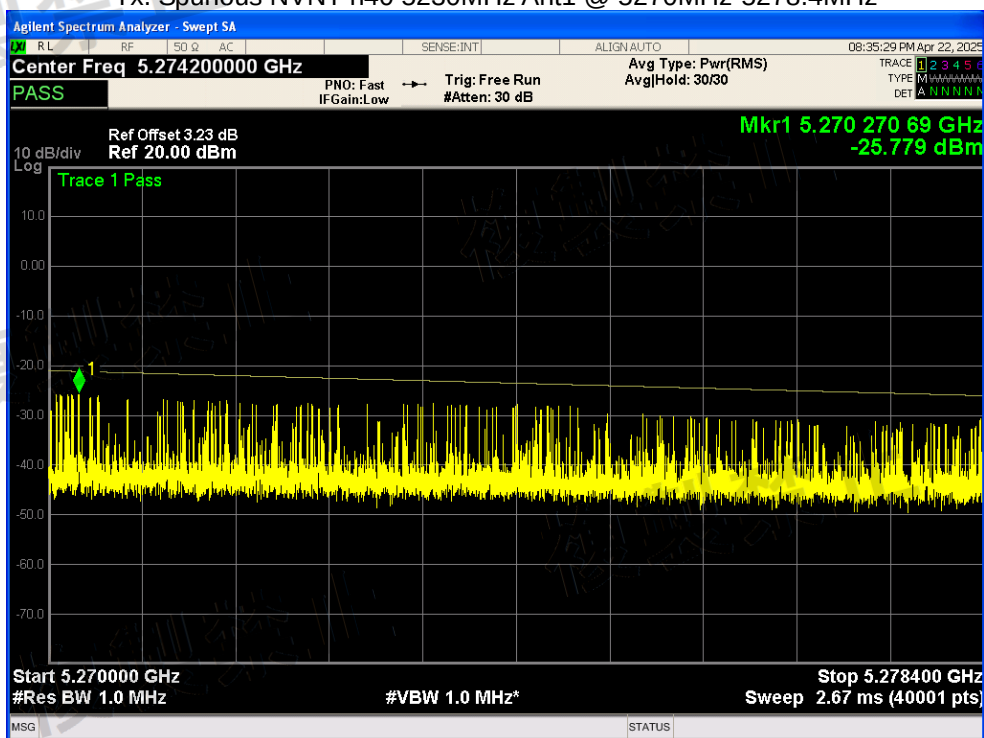
Tx. Spurious NVNT n40 5230MHz Ant1 @ 5250MHz-5251MHz



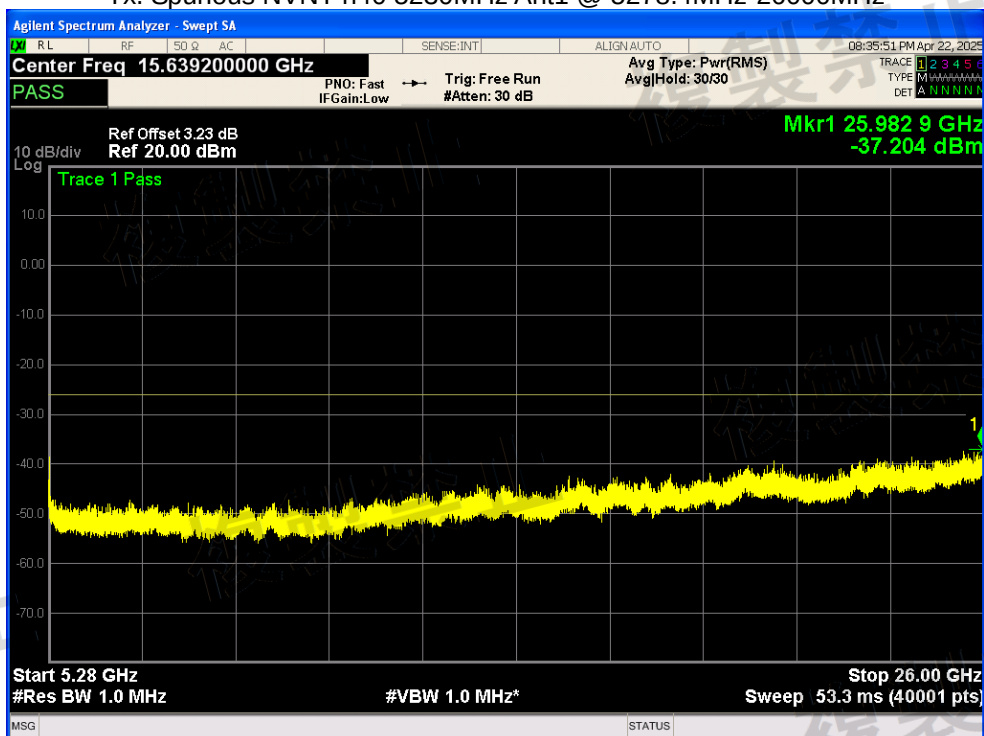
Tx. Spurious NVNT n40 5230MHz Ant1 @ 5251MHz-5270MHz



Tx. Spurious NVNT n40 5230MHz Ant1 @ 5270MHz-5278.4MHz



Tx. Spurious NVNT n40 5230MHz Ant1 @ 5278.4MHz-26000MHz



Condition	Mode	Frequency (MHz)	Antenna	Burst Length (ms)	Limit (ms)	Verdict
NVNT	a	Ant1	5180	1.392	8	Pass
NVNT	a	Ant1	5200	1.393	8	Pass
NVNT	a	Ant1	5240	1.392	8	Pass
NVNT	ac20	Ant1	5180	1.312	8	Pass
NVNT	ac20	Ant1	5200	1.313	8	Pass
NVNT	ac20	Ant1	5240	1.313	8	Pass
NVNT	ac40	Ant1	5190	0.652	8	Pass
NVNT	ac40	Ant1	5230	0.653	8	Pass
NVNT	ac80	Ant1	5210	0.324	8	Pass
NVNT	n20	Ant1	5180	1.301	8	Pass
NVNT	n20	Ant1	5200	1.3	8	Pass
NVNT	n20	Ant1	5240	1.301	8	Pass
NVNT	n40	Ant1	5190	0.649	8	Pass
NVNT	n40	Ant1	5230	0.648	8	Pass

Agilent Spectrum Analyzer - Swept SA

Center Freq 5.18000000 GHz

Res BW 8 MHz

Span 0 Hz

Sweep 10.00 ms (10001 pts)

10 dB/div Log

Ref Offset 1.21 dB

Ref 30.00 dBm

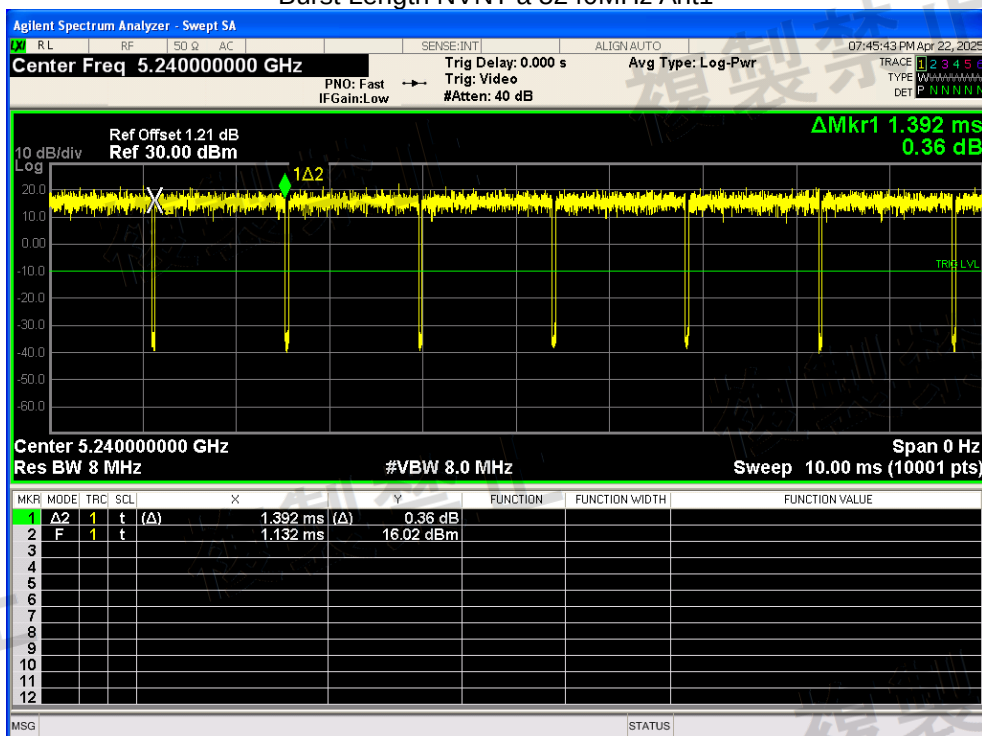
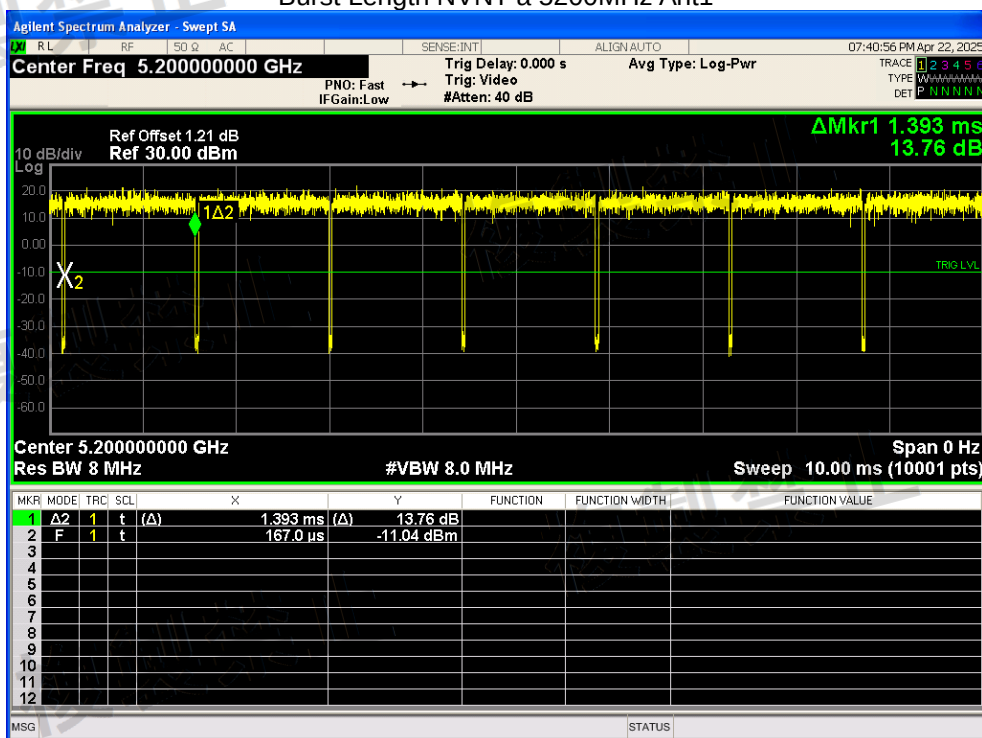
ΔMkr1 1.392 ms

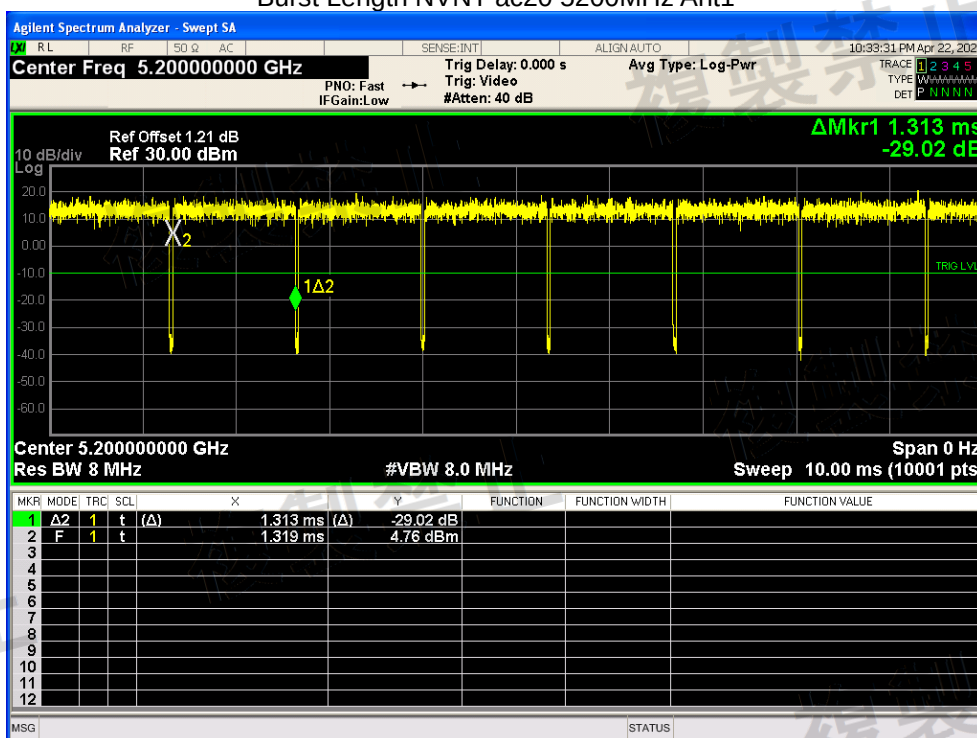
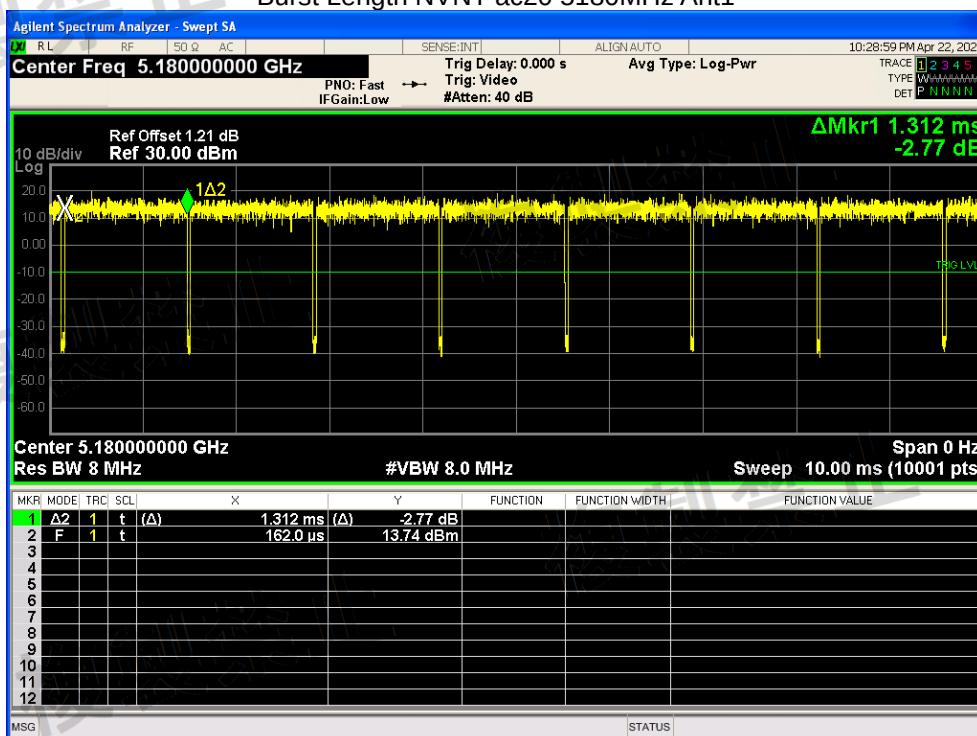
-1.48 dB

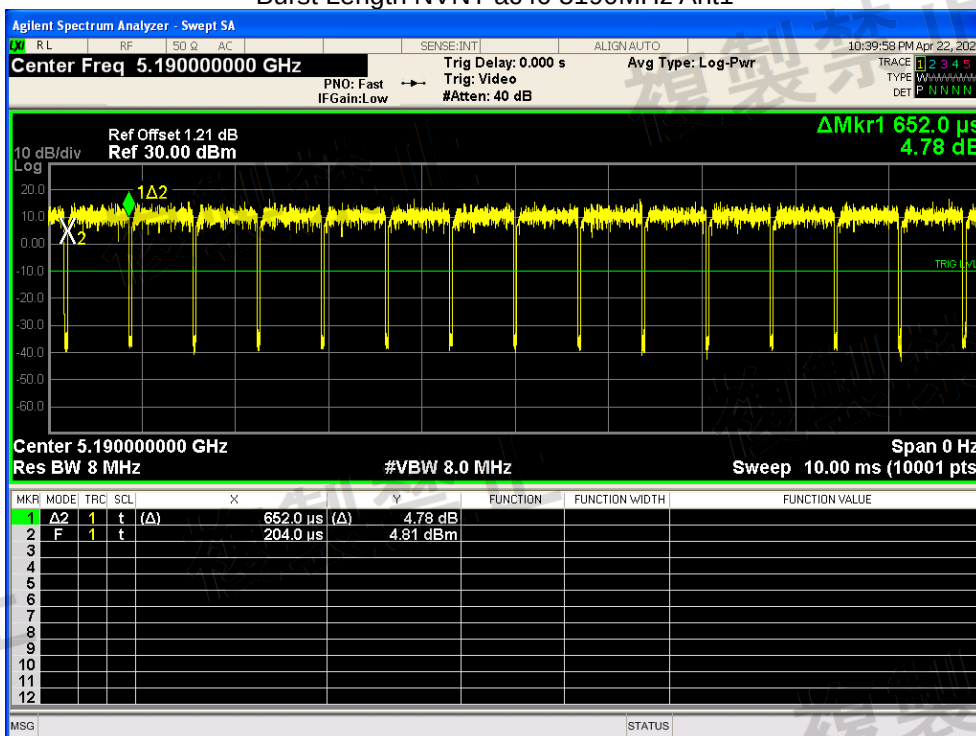
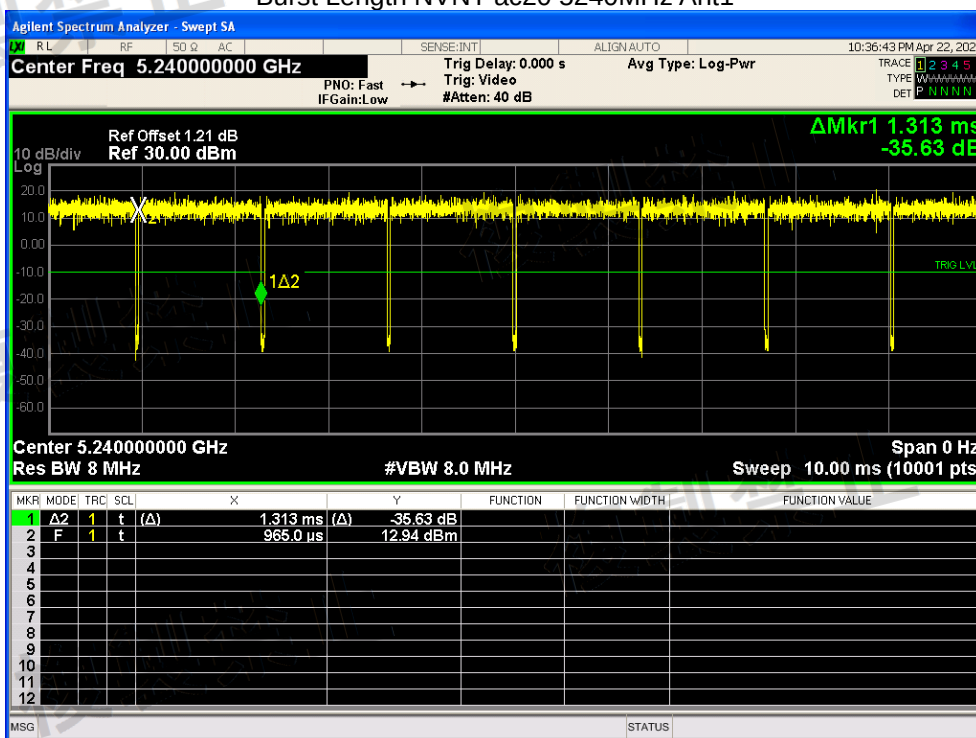
1Δ2

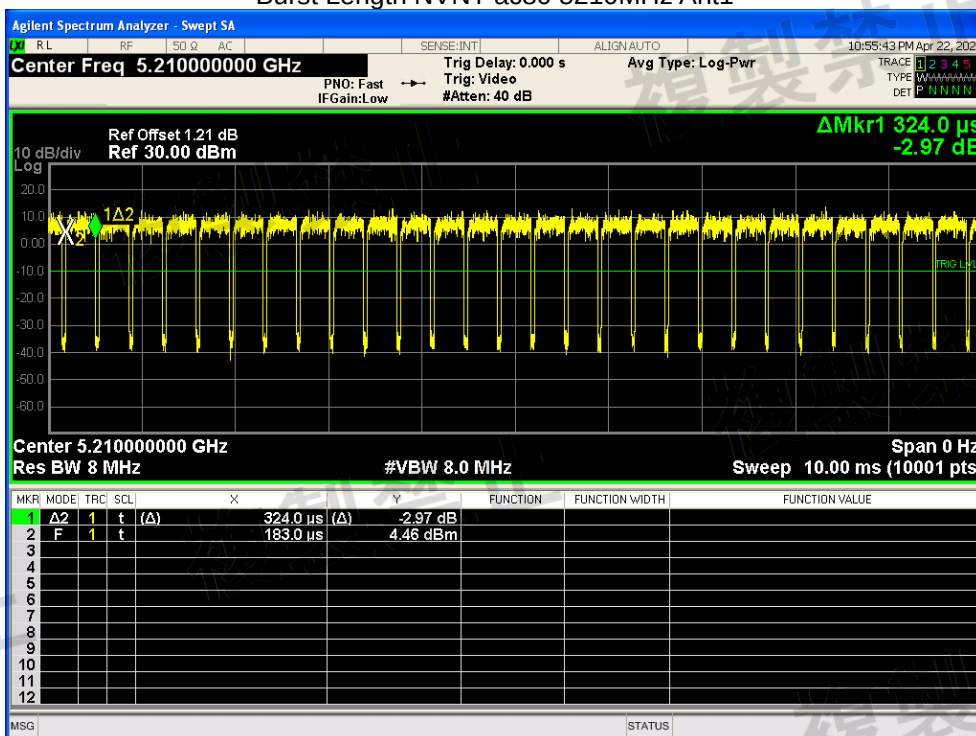
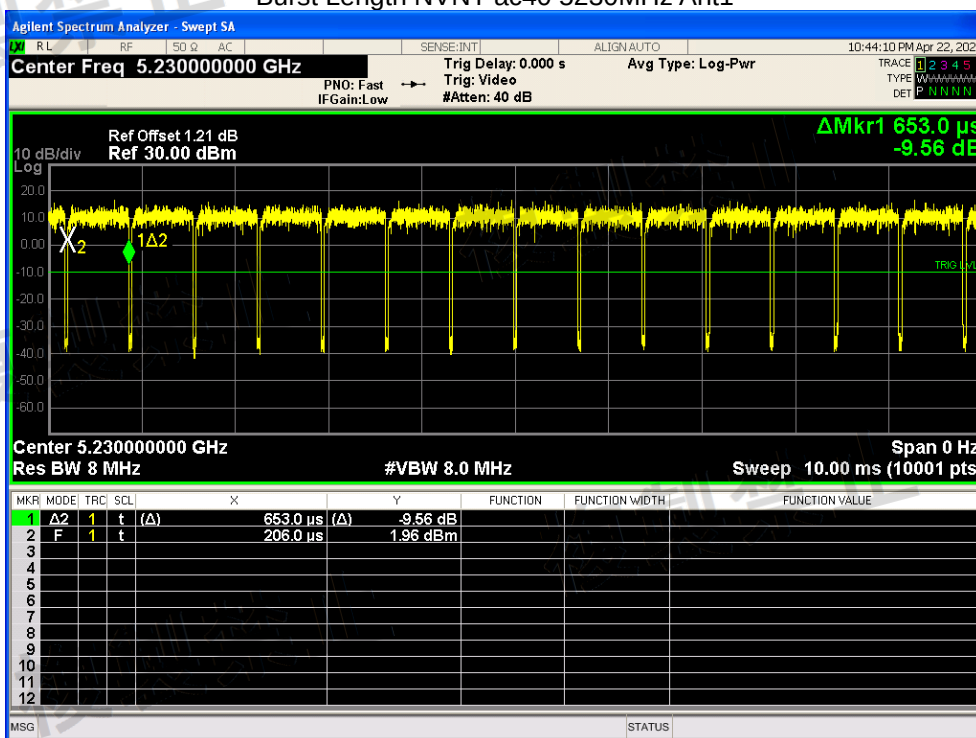
TRIG LVL

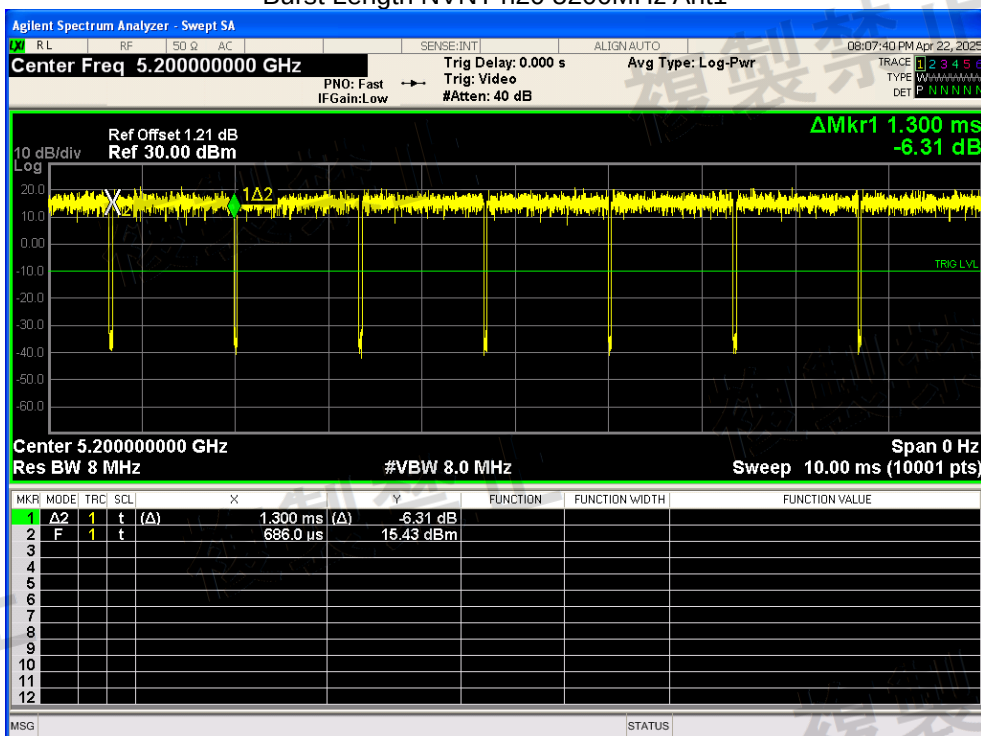
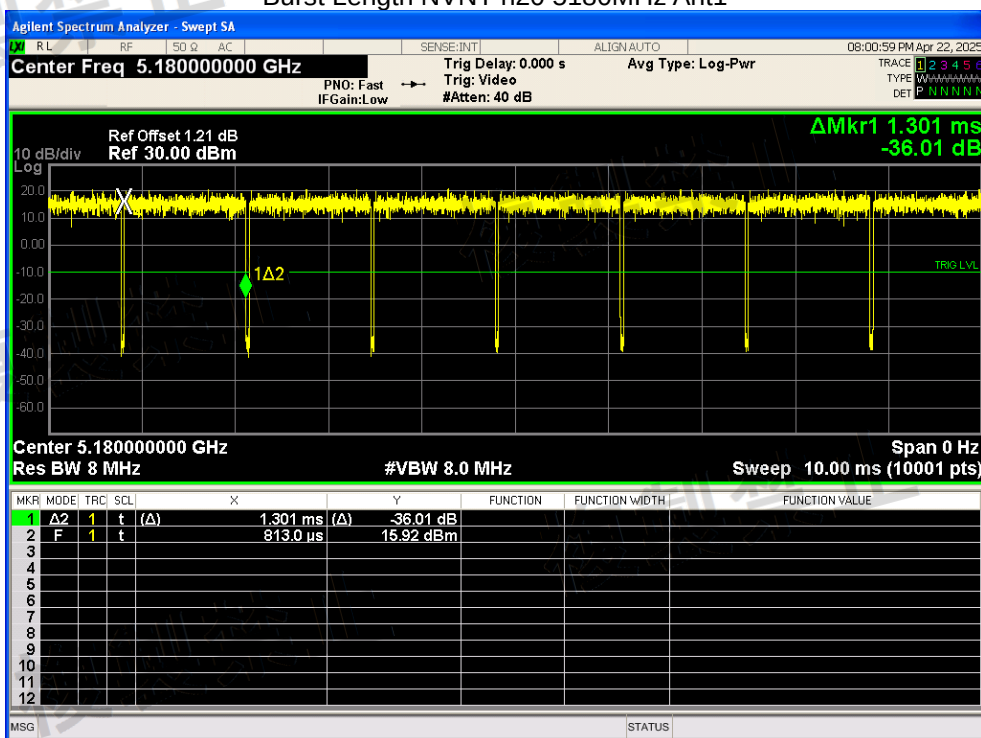
MSG STATUS

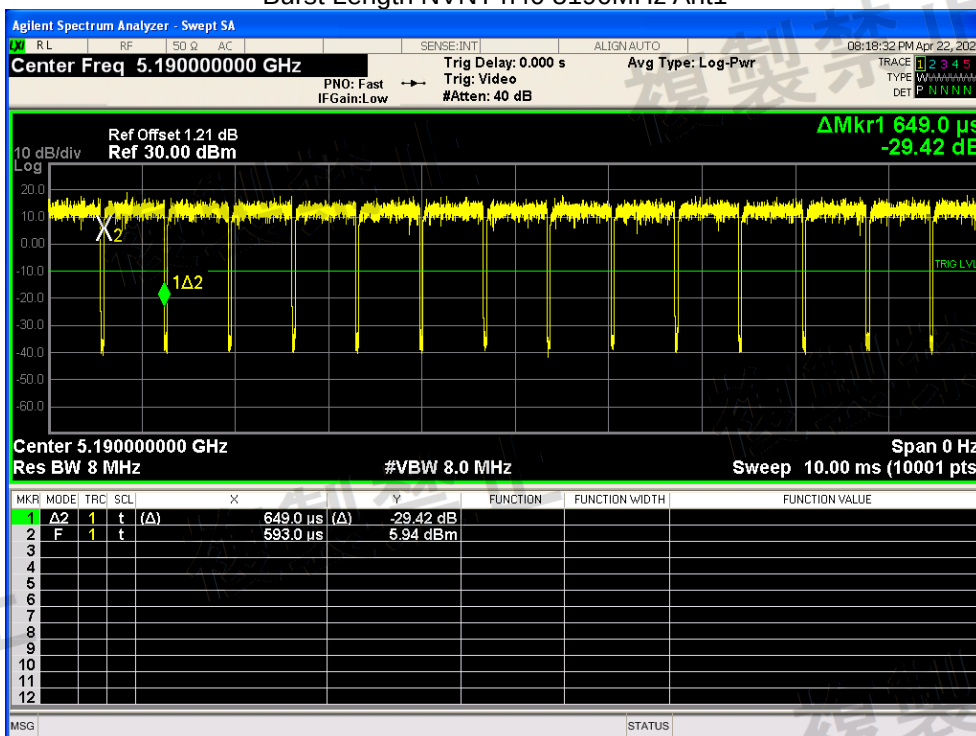
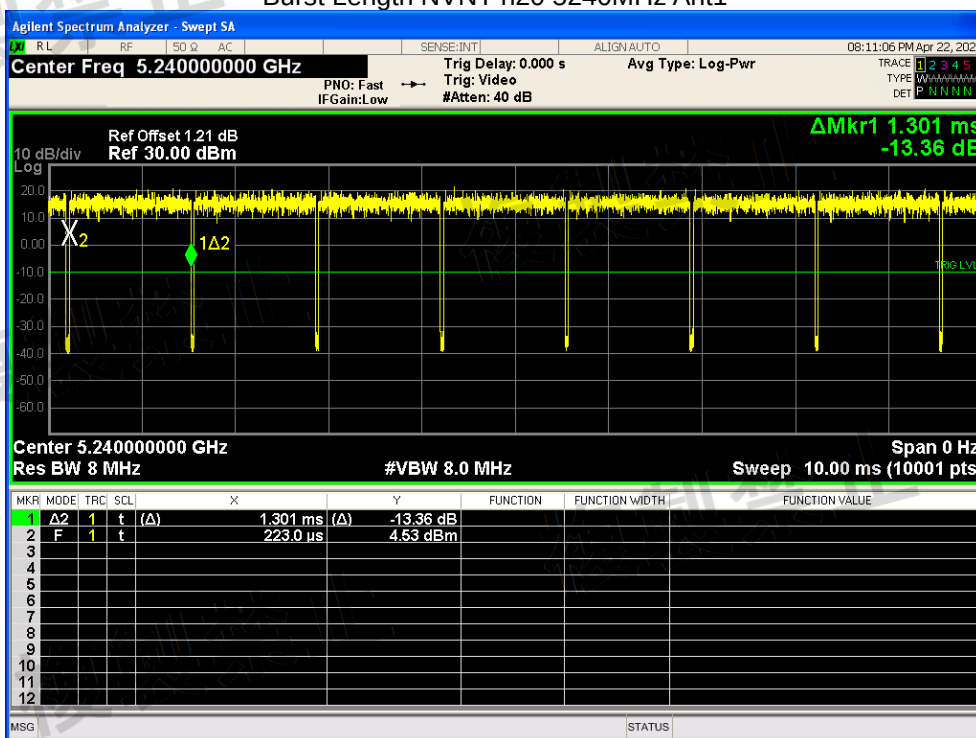












Burst Length NVNT n40 5230MHz Ant1

Agilent Spectrum Analyzer - Swept SA

Center Freq 5.230000000 GHz PNO: Fast IFGain: Low Trig Delay: 0.000 s Trig: Video #Atten: 40 dB Avg Type: Log-Pwr

08:26:55 PM Apr 22, 2025

Ref Offset 1.21 dB Ref 30.00 dBm $\Delta \text{Mkr1 } 648.0 \mu\text{s}$ 1.89 dB

The spectrum analyzer display shows a signal at 5.23 GHz. The vertical axis is labeled '10 dB/div Log' and ranges from -60.0 to 20.0 dBm. The horizontal axis is labeled 'Span 0 Hz' and ranges from -60.0 to 60.0 MHz. A green horizontal line indicates the 'TRIG LVL' at approximately -10 dBm. A yellow signal is visible, and a green marker labeled '1Δ2' is placed on the signal. The signal is identified as 'Δ2' and 'F'.

MKR	MODE	TRC	SCL	X	Y	FUNCTION	FUNCTION WIDTH	FUNCTION VALUE
1	Δ2	1	t	(Δ)	648.0 μs	(Δ)	1.89 dBm	
2	F	1	t		502.0 μs			
3								
4								
5								
6								
7								
8								
9								
10								
11								
12								

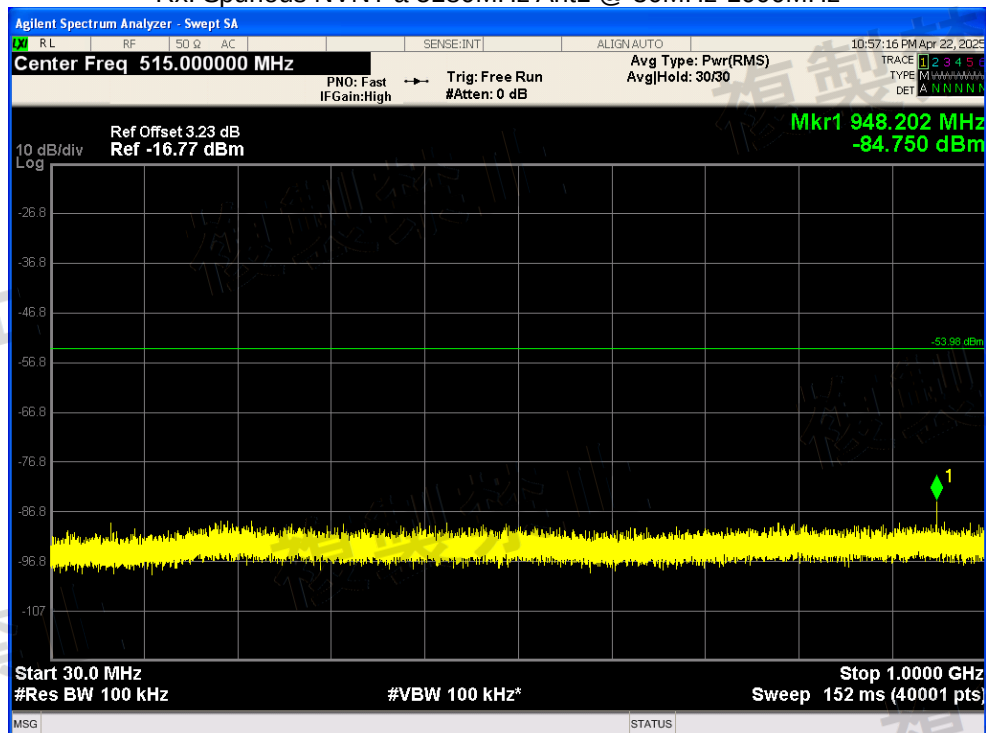
MSG STATUS

14.6 RX SPURIOUS EMISSION

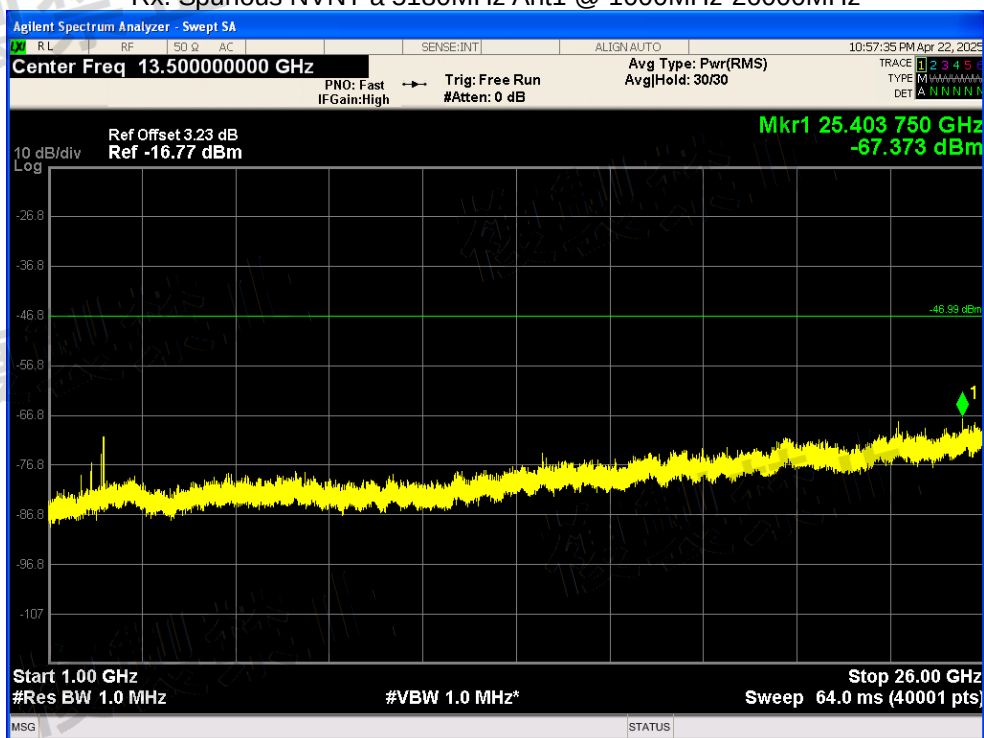
Condition	Mode	Frequency (MHz)	Antenna	Range (MHz)	Emission Frequency (MHz)	Max Value (dBm)	Max Value (nW)	Limit (nW)	Verdict
NVNT	a	5180	Ant1	30-1000	948.2	-84.75	0.0033	4	Pass
NVNT	a	5180	Ant1	1000-26000	25403.75	-67.37	0.1832	20	Pass
NVNT	a	5200	Ant1	30-1000	948.2	-86.4	0.0023	4	Pass
NVNT	a	5200	Ant1	1000-26000	25903.75	-66.72	0.2128	20	Pass
NVNT	a	5240	Ant1	30-1000	948.2	-84.4	0.0036	4	Pass
NVNT	a	5240	Ant1	1000-26000	25948.13	-67.64	0.1722	20	Pass
NVNT	ac20	5180	Ant1	30-1000	948.15	-86.16	0.0024	4	Pass
NVNT	ac20	5180	Ant1	1000-26000	25891.88	-68	0.1585	20	Pass
NVNT	ac20	5200	Ant1	30-1000	948.2	-86.57	0.0022	4	Pass
NVNT	ac20	5200	Ant1	1000-26000	25976.88	-66.84	0.207	20	Pass
NVNT	ac20	5240	Ant1	30-1000	948.18	-87.25	0.0019	4	Pass
NVNT	ac20	5240	Ant1	1000-26000	25525.63	-68	0.1585	20	Pass
NVNT	ac40	5190	Ant1	30-1000	948.23	-84.61	0.0035	4	Pass
NVNT	ac40	5190	Ant1	1000-26000	25939.38	-66.94	0.2023	20	Pass
NVNT	ac40	5230	Ant1	30-1000	948.2	-87.75	0.0017	4	Pass
NVNT	ac40	5230	Ant1	1000-26000	25989.38	-68.21	0.151	20	Pass
NVNT	ac80	5210	Ant1	30-1000	948.25	-85.89	0.0026	4	Pass
NVNT	ac80	5210	Ant1	1000-26000	25521.88	-67.73	0.1687	20	Pass
NVNT	n20	5180	Ant1	30-1000	948.18	-83.98	0.004	4	Pass
NVNT	n20	5180	Ant1	1000-26000	25885	-68.17	0.1524	20	Pass
NVNT	n20	5200	Ant1	30-1000	948.23	-85.27	0.003	4	Pass
NVNT	n20	5200	Ant1	1000-26000	25959.38	-67.63	0.1726	20	Pass
NVNT	n20	5240	Ant1	30-1000	948.2	-86.14	0.0024	4	Pass
NVNT	n20	5240	Ant1	1000-26000	25960	-67.49	0.1782	20	Pass
NVNT	n40	5190	Ant1	30-1000	948.15	-85.89	0.0026	4	Pass
NVNT	n40	5190	Ant1	1000-26000	25983.75	-67.69	0.1702	20	Pass
NVNT	n40	5230	Ant1	30-1000	948.18	-85.64	0.0027	4	Pass
NVNT	n40	5230	Ant1	1000-26000	25776.25	-68.48	0.1419	20	Pass

Note: This test has increased antenna gain.

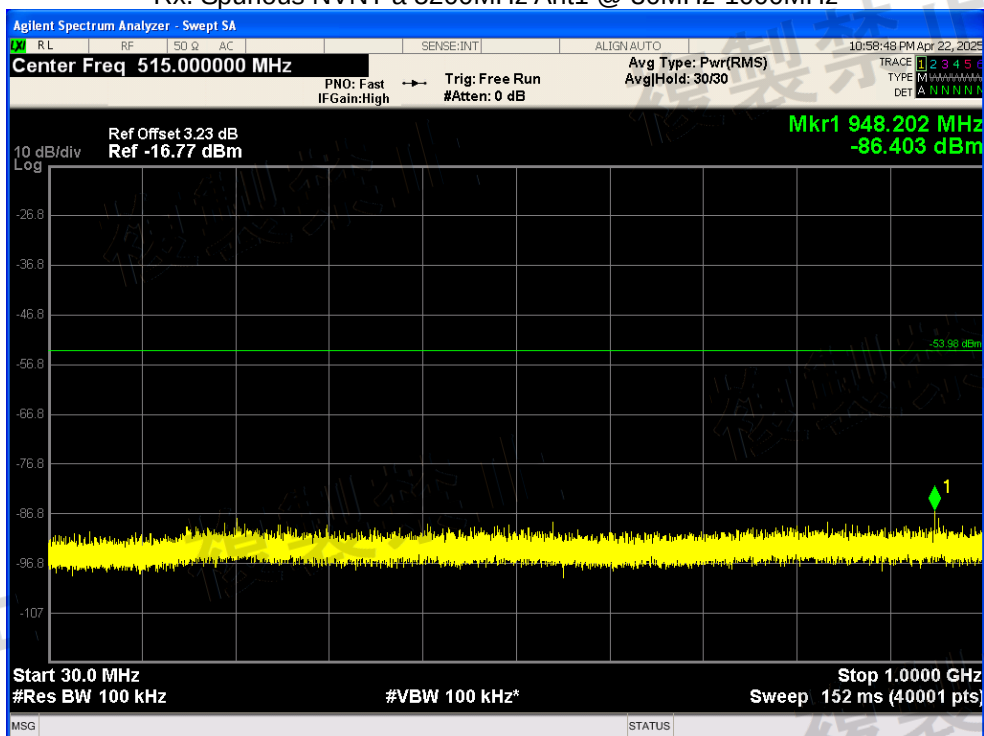
Rx. Spurious NVNT a 5180MHz Ant1 @ 30MHz-1000MHz



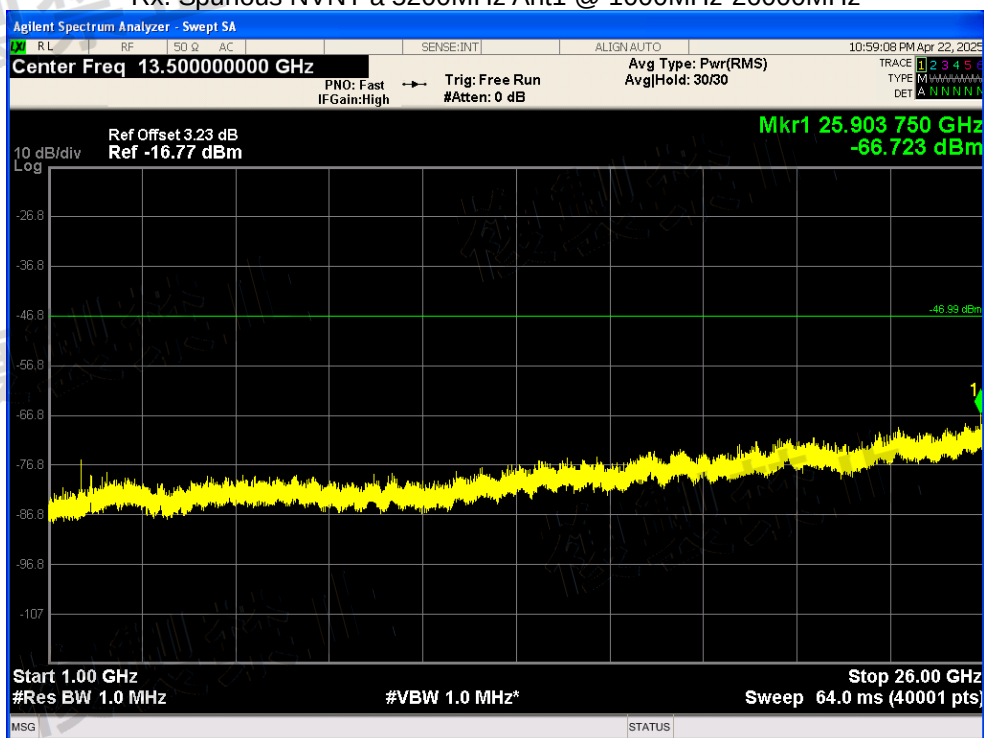
Rx. Spurious NVNT a 5180MHz Ant1 @ 1000MHz-26000MHz



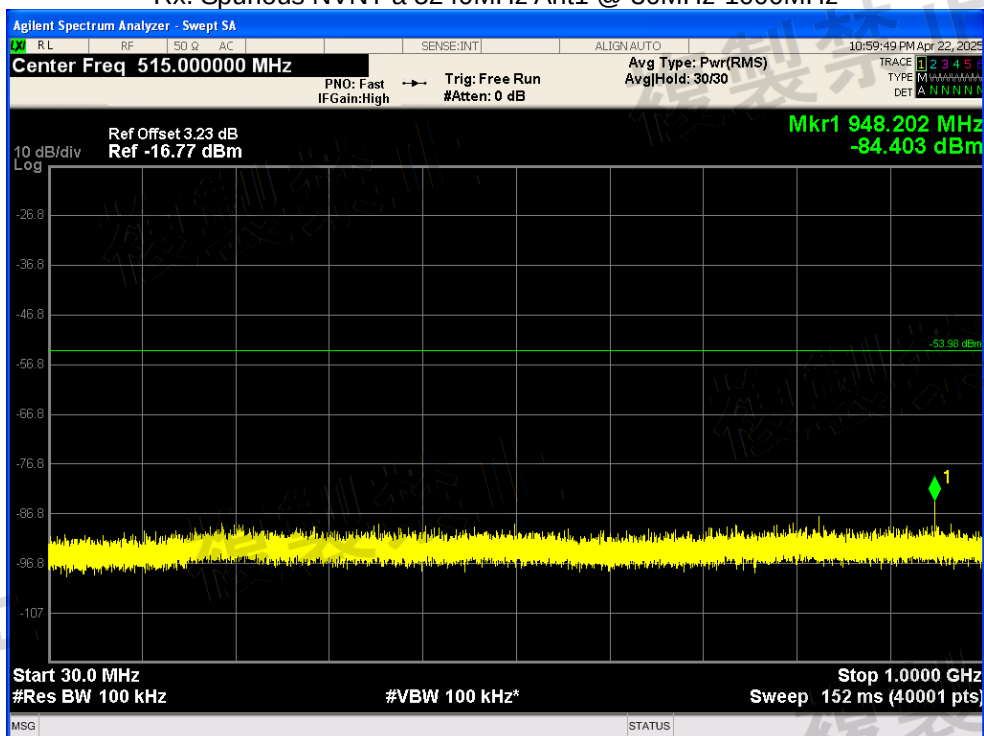
Rx. Spurious NVNT a 5200MHz Ant1 @ 30MHz-1000MHz



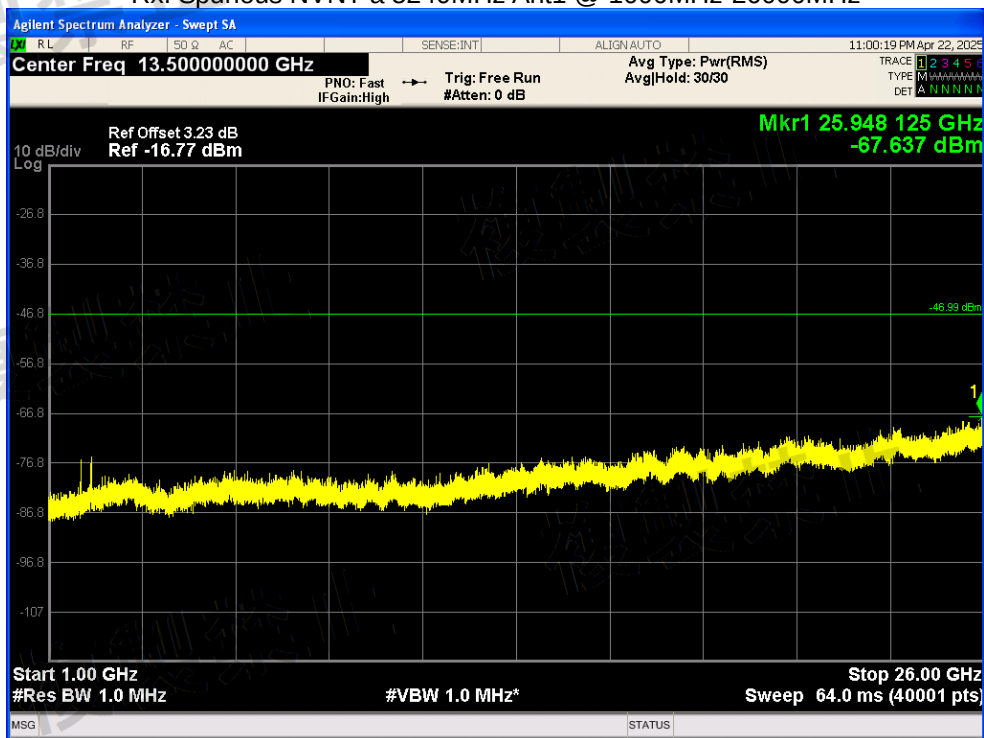
Rx. Spurious NVNT a 5200MHz Ant1 @ 1000MHz-26000MHz



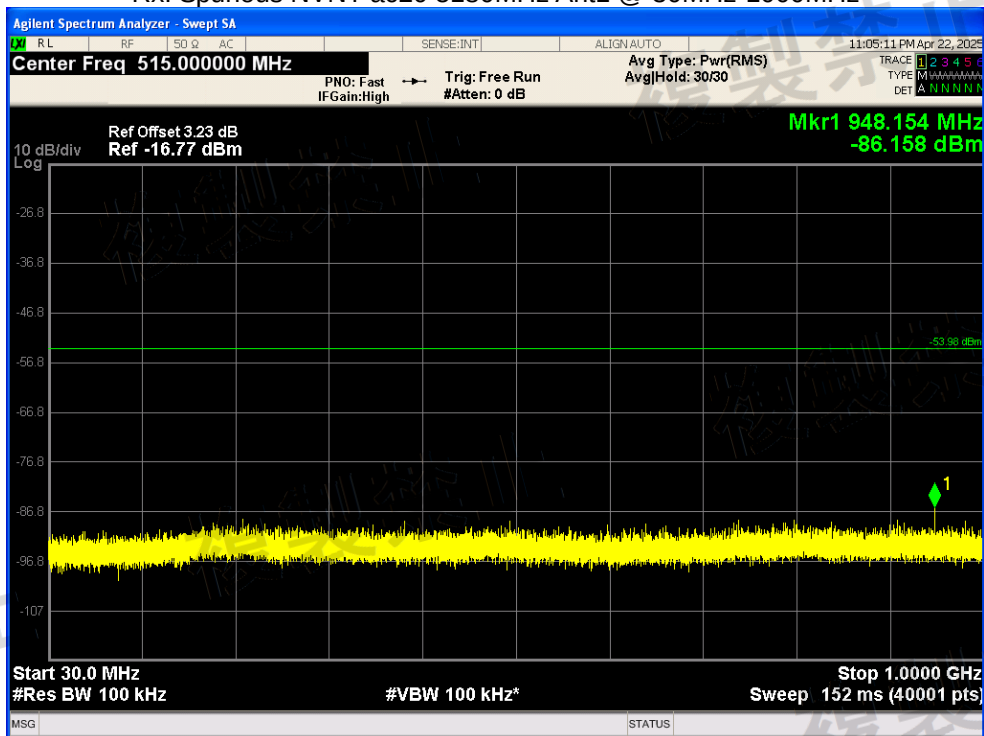
Rx. Spurious NVNT a 5240MHz Ant1 @ 30MHz-1000MHz



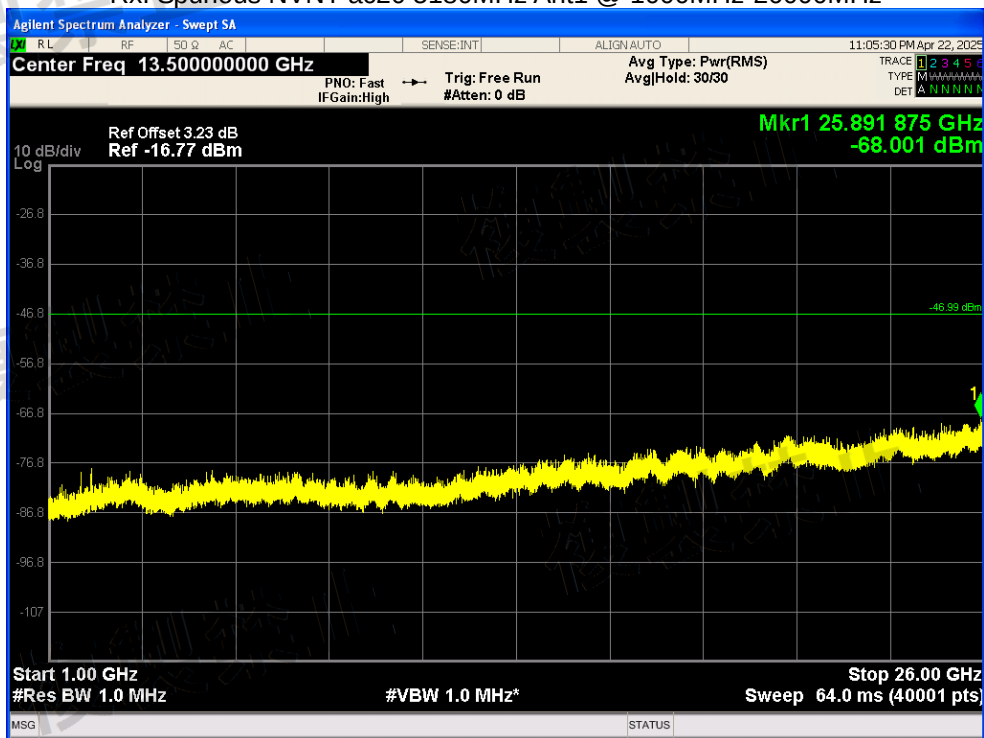
Rx. Spurious NVNT a 5240MHz Ant1 @ 1000MHz-26000MHz



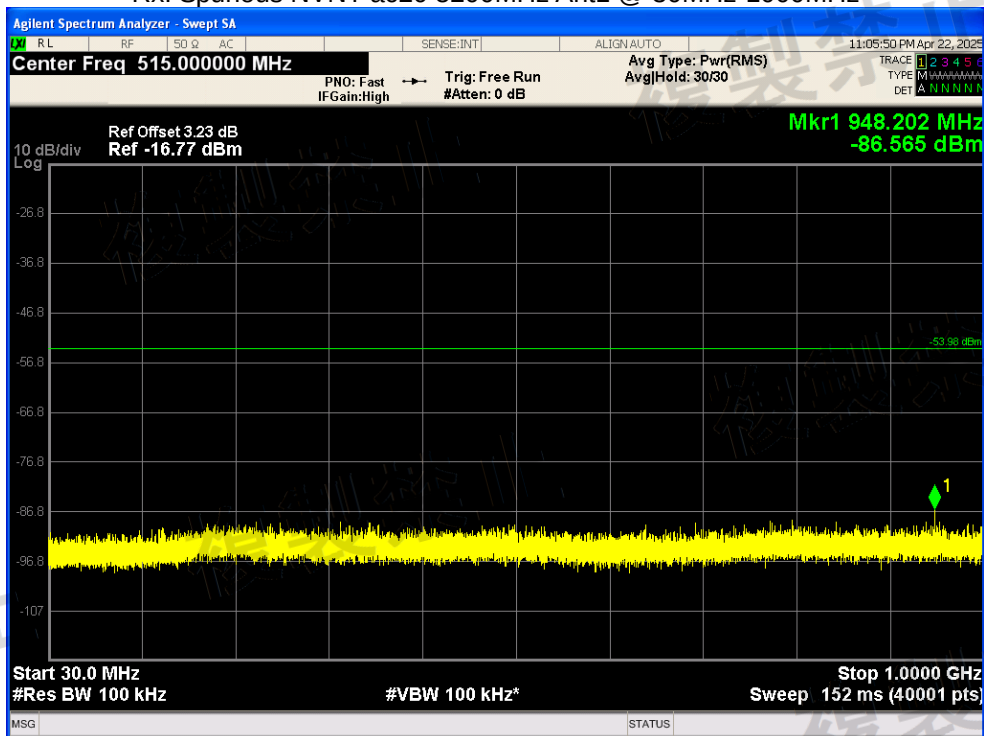
Rx. Spurious NVNT ac20 5180MHz Ant1 @ 30MHz-1000MHz



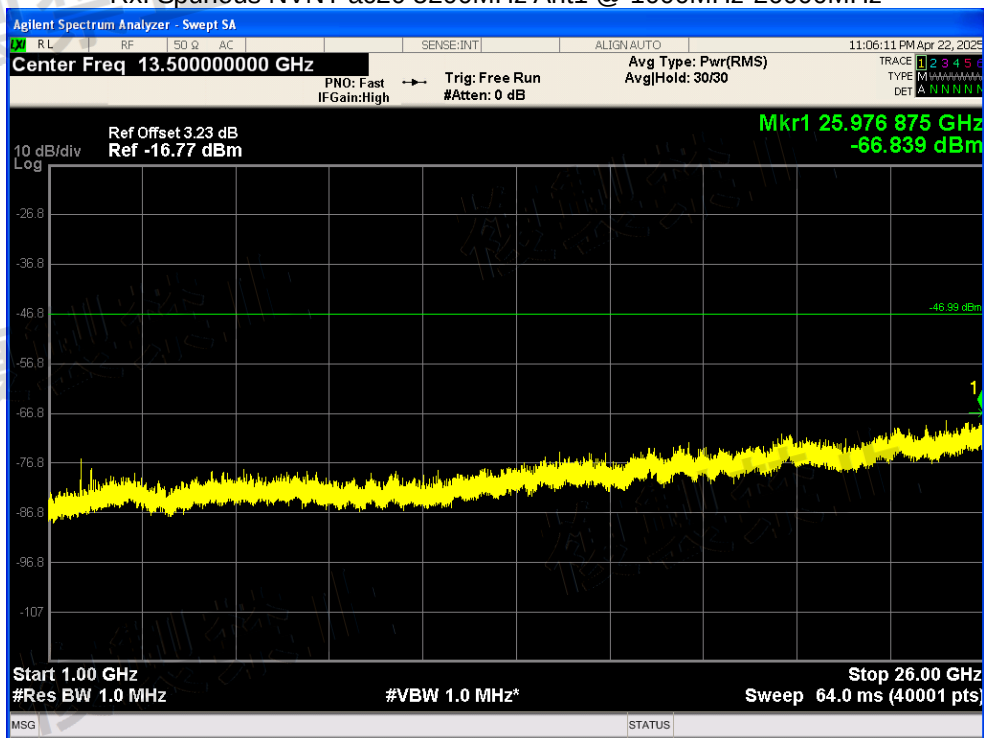
Rx. Spurious NVNT ac20 5180MHz Ant1 @ 1000MHz-26000MHz



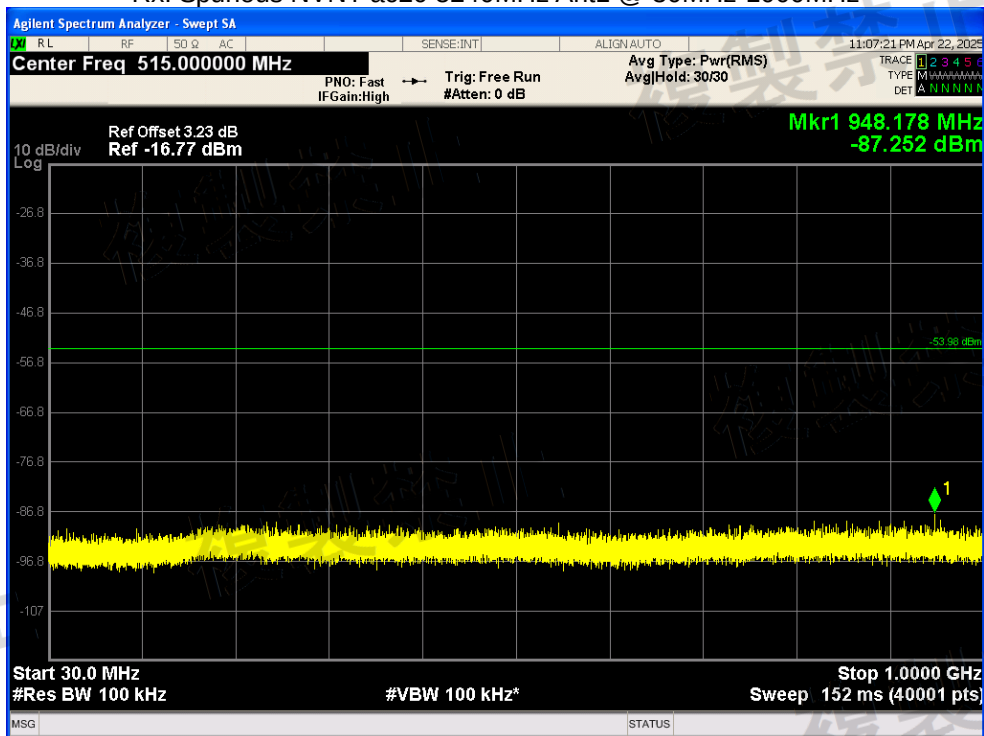
Rx. Spurious NVNT ac20 5200MHz Ant1 @ 30MHz-1000MHz



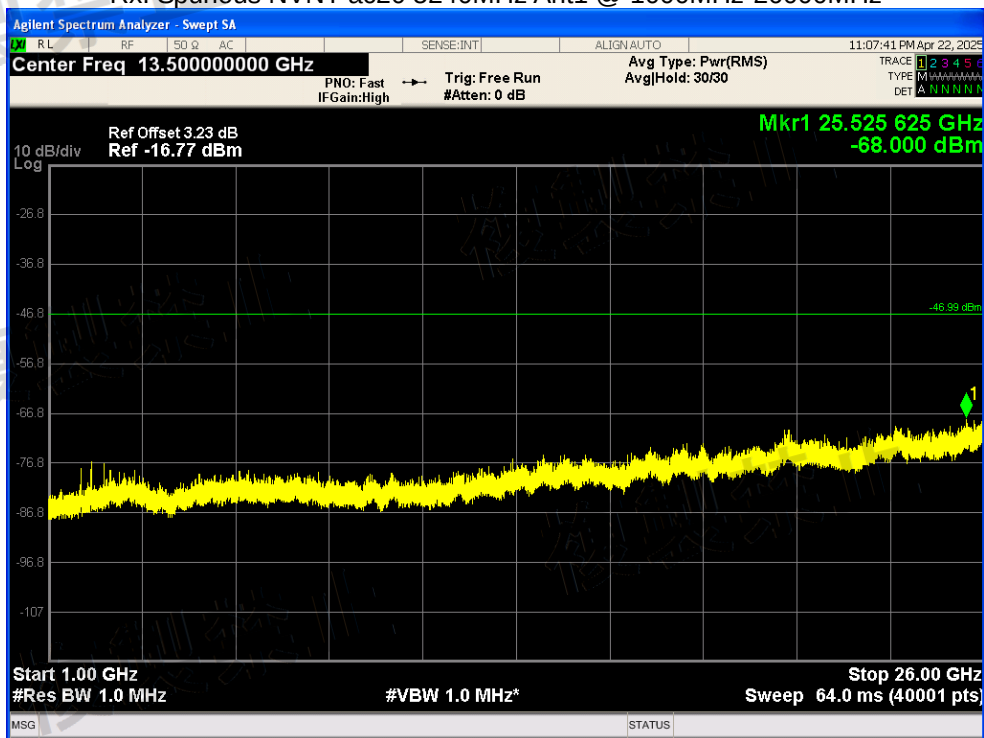
Rx. Spurious NVNT ac20 5200MHz Ant1 @ 1000MHz-26000MHz



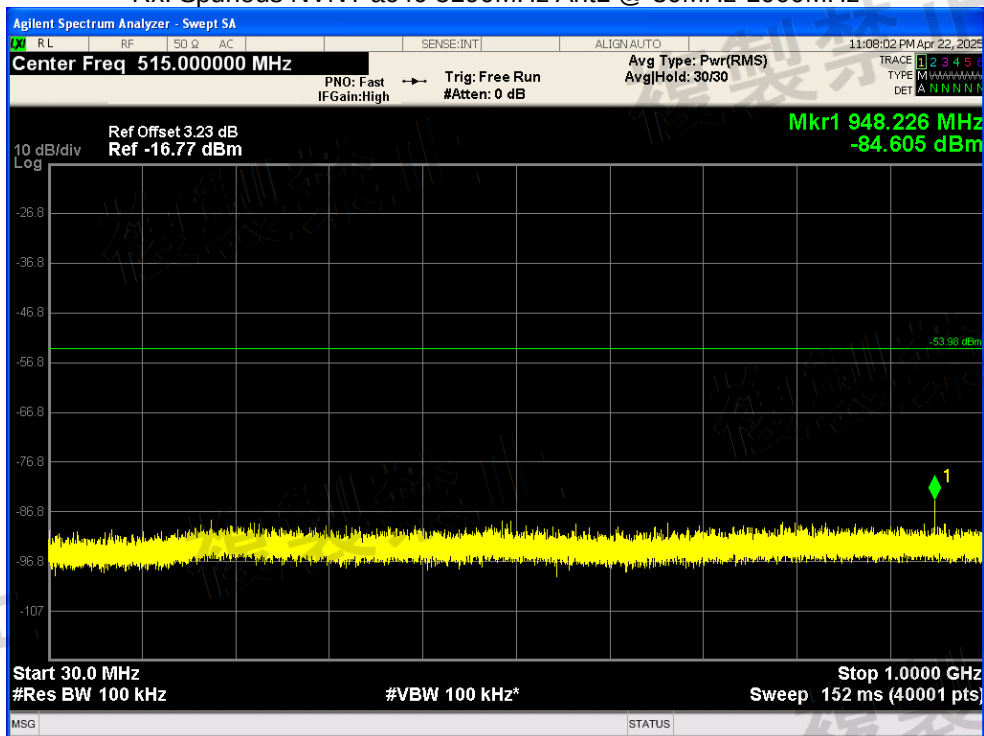
Rx. Spurious NVNT ac20 5240MHz Ant1 @ 30MHz-1000MHz



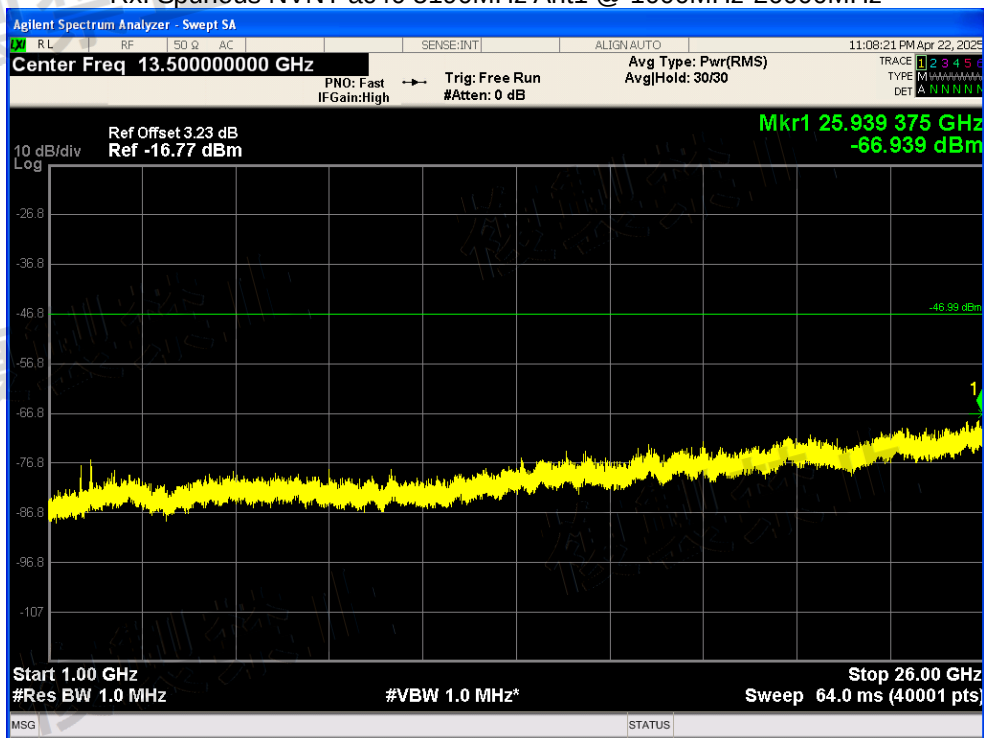
Rx. Spurious NVNT ac20 5240MHz Ant1 @ 1000MHz-26000MHz



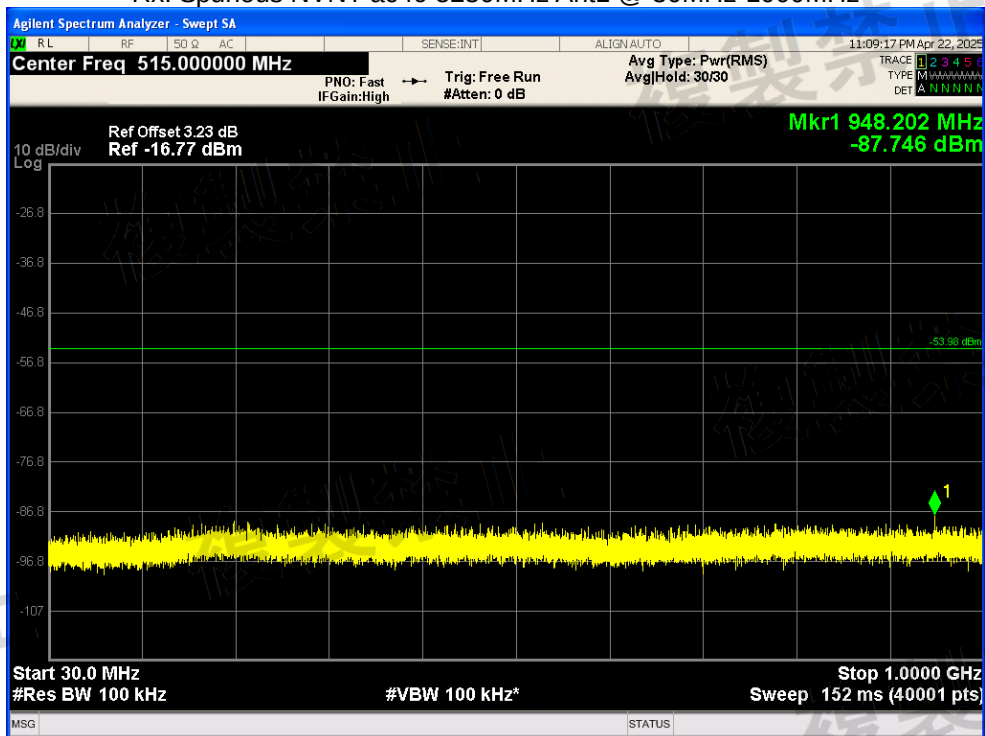
Rx. Spurious NVNT ac40 5190MHz Ant1 @ 30MHz-1000MHz



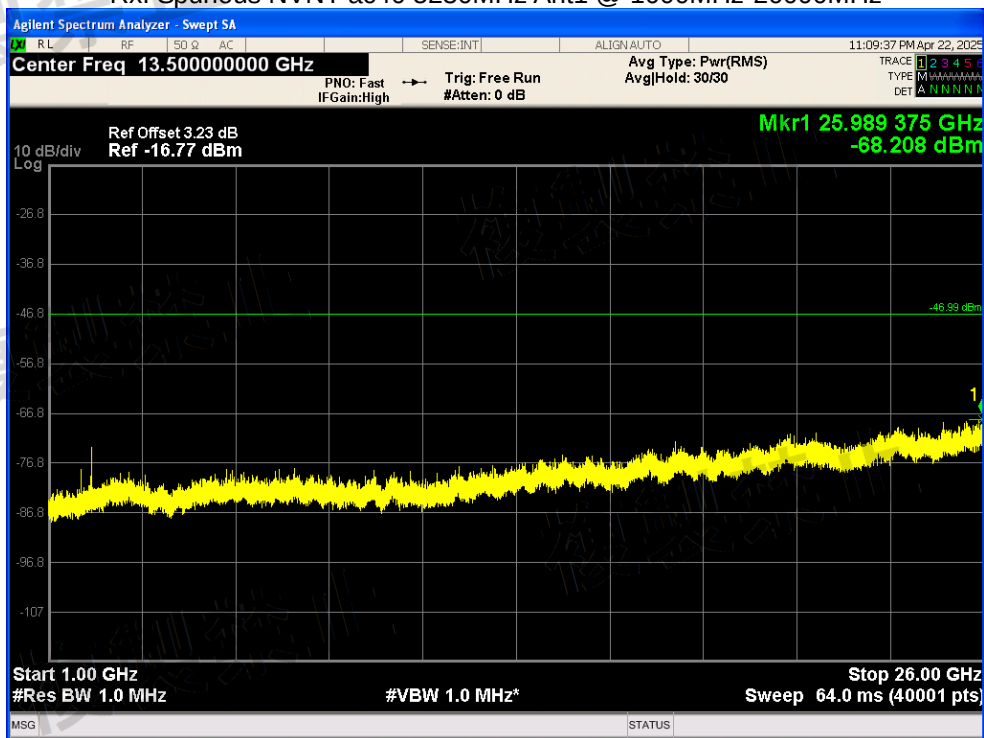
Rx. Spurious NVNT ac40 5190MHz Ant1 @ 1000MHz-26000MHz



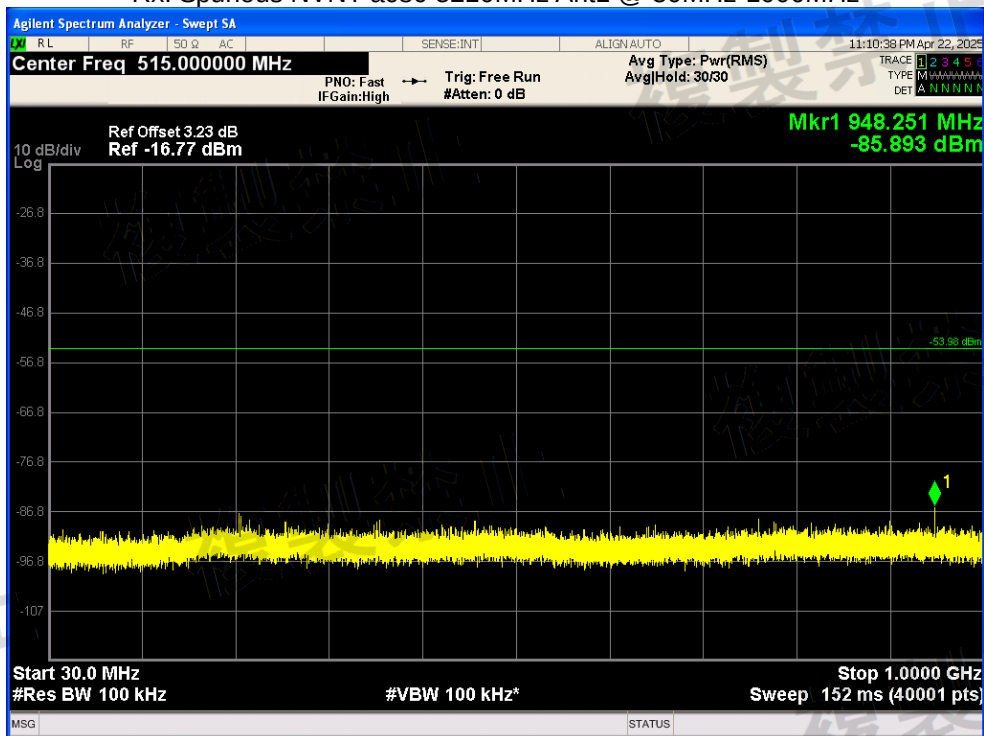
Rx. Spurious NVNT ac40 5230MHz Ant1 @ 30MHz-1000MHz



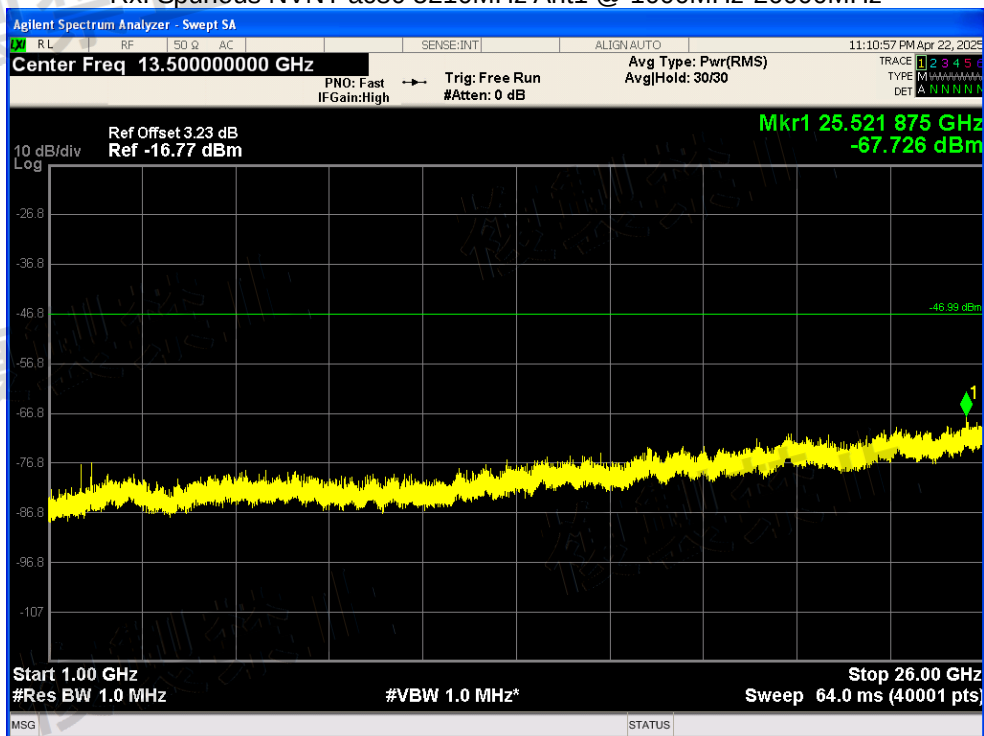
Rx. Spurious NVNT ac40 5230MHz Ant1 @ 1000MHz-26000MHz



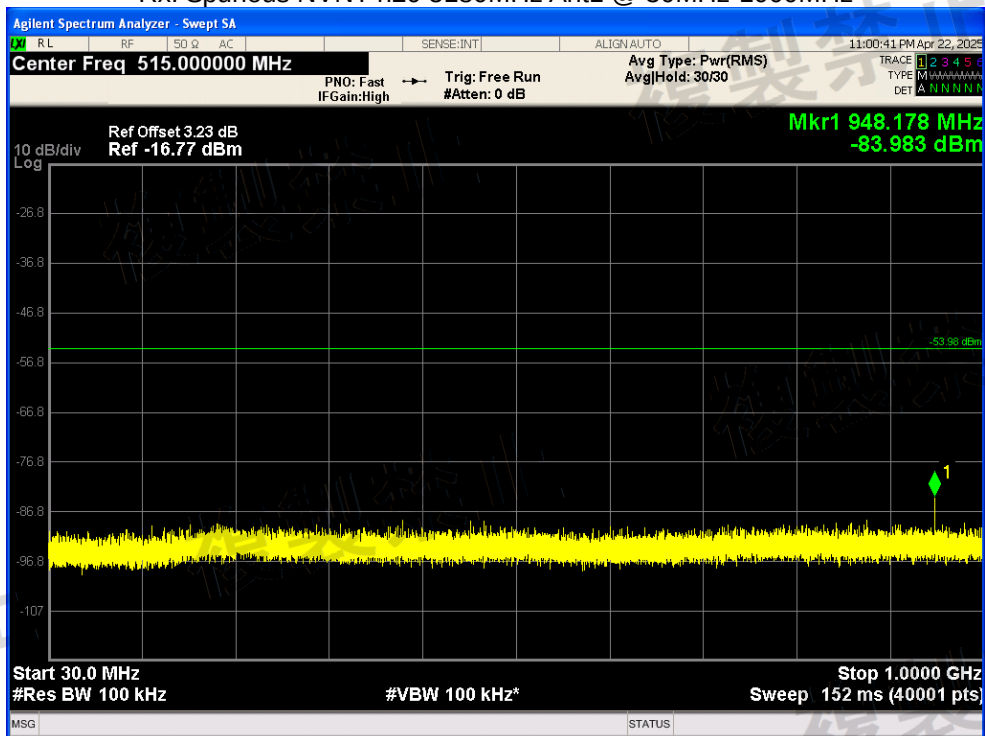
Rx. Spurious NVNT ac80 5210MHz Ant1 @ 30MHz-1000MHz



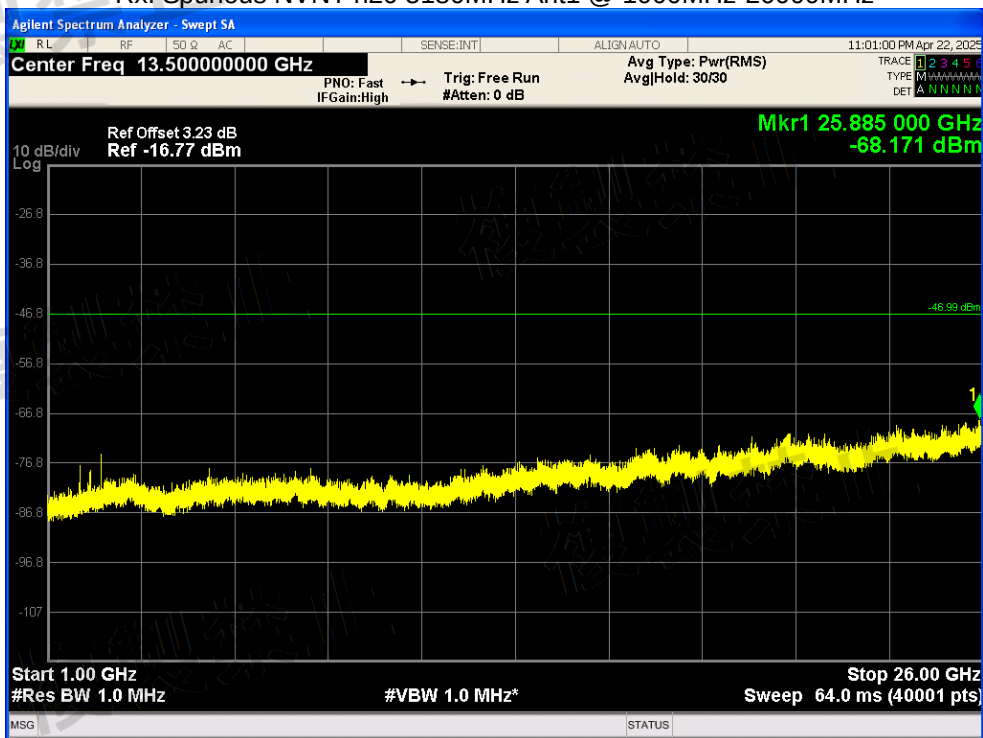
Rx. Spurious NVNT ac80 5210MHz Ant1 @ 1000MHz-26000MHz



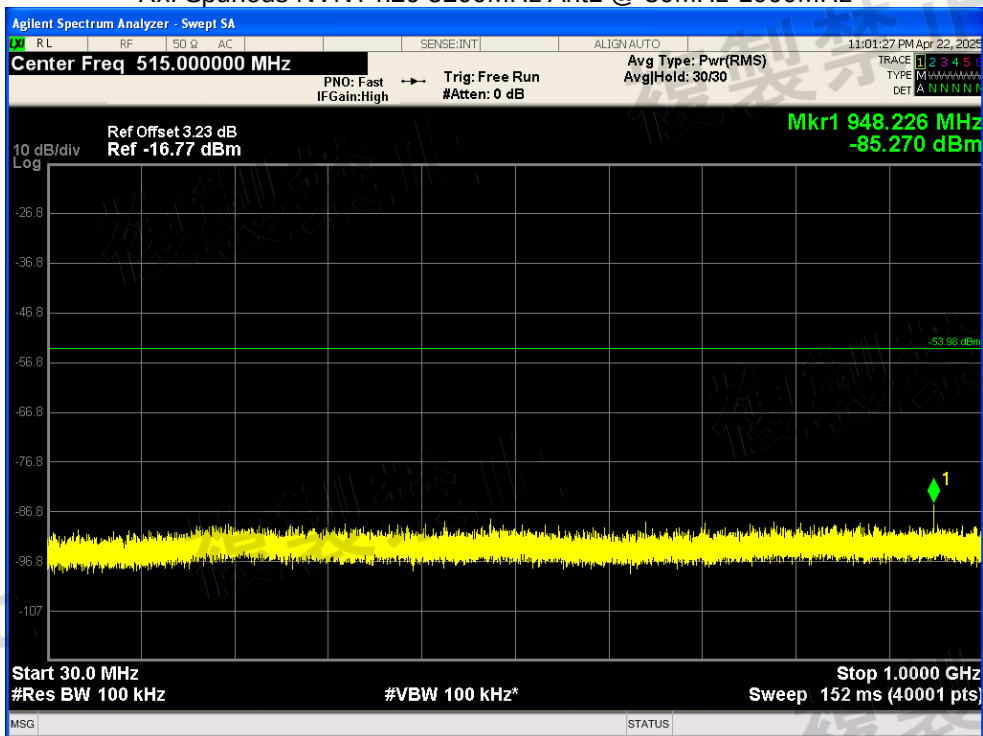
Rx. Spurious NVNT n20 5180MHz Ant1 @ 30MHz-1000MHz



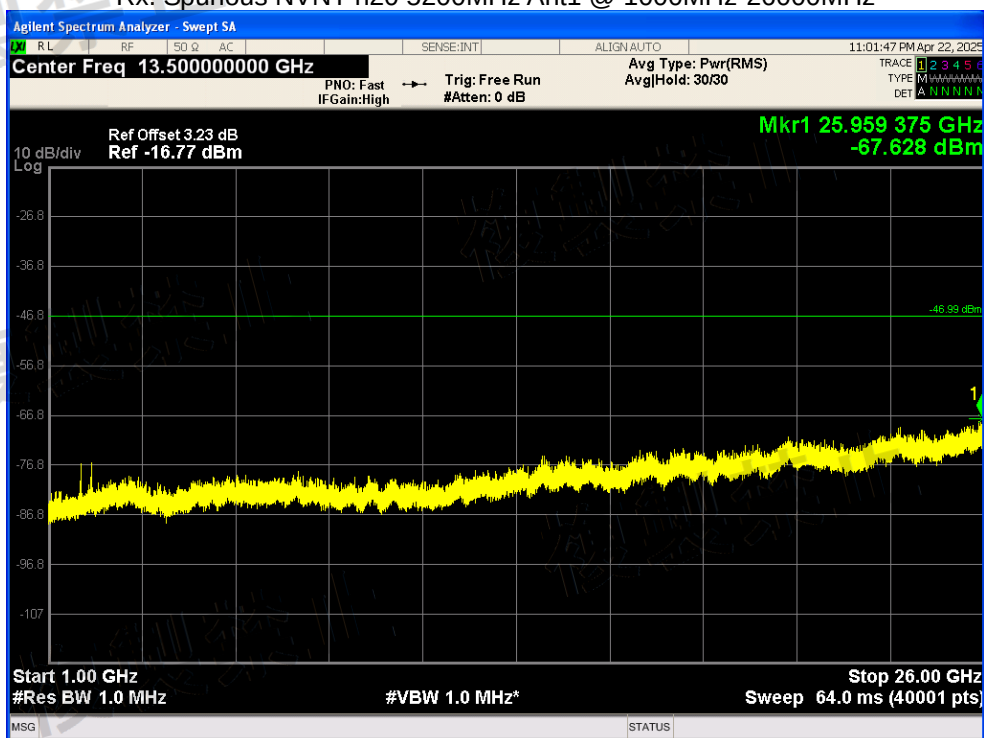
Rx. Spurious NVNT n20 5180MHz Ant1 @ 1000MHz-26000MHz



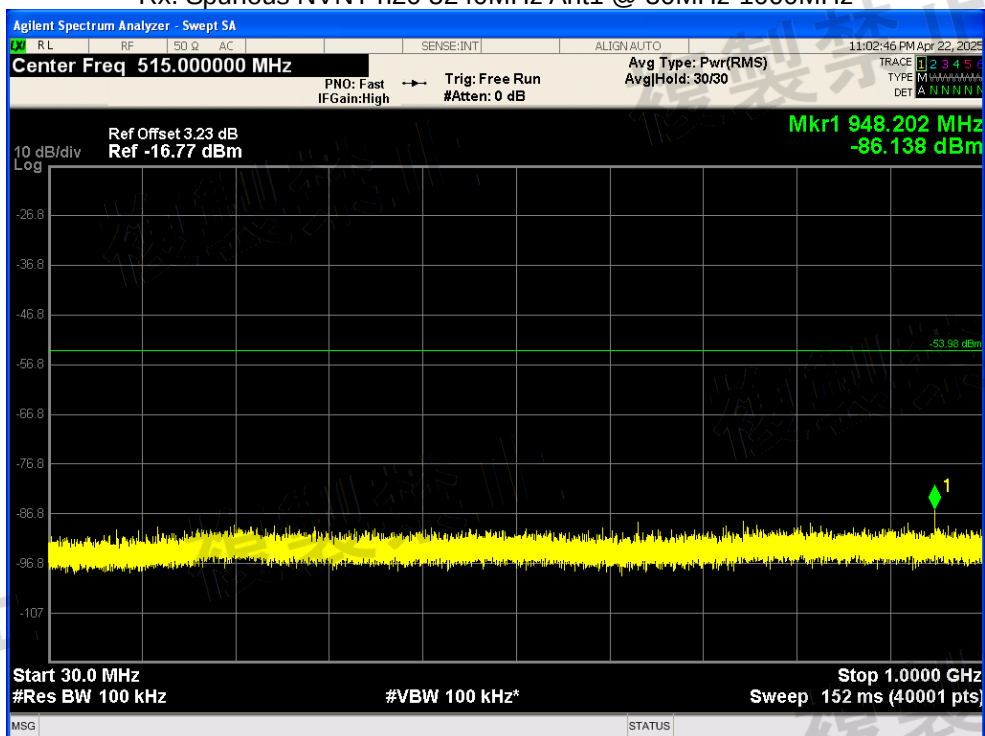
Rx. Spurious NVNT n20 5200MHz Ant1 @ 30MHz-1000MHz



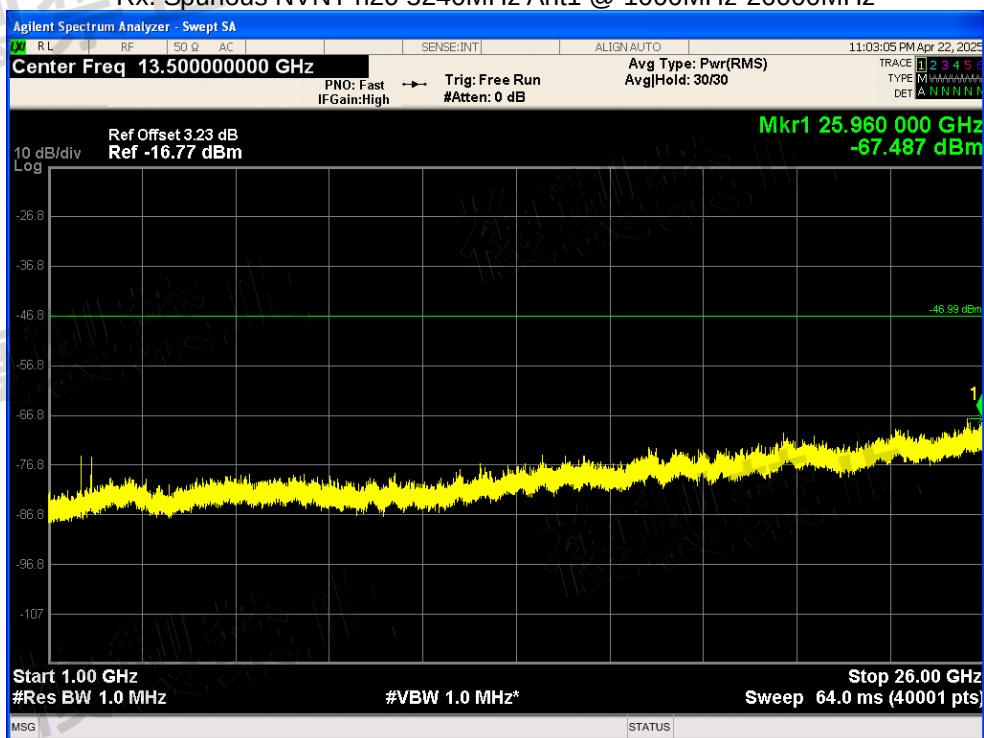
Rx. Spurious NVNT n20 5200MHz Ant1 @ 1000MHz-26000MHz



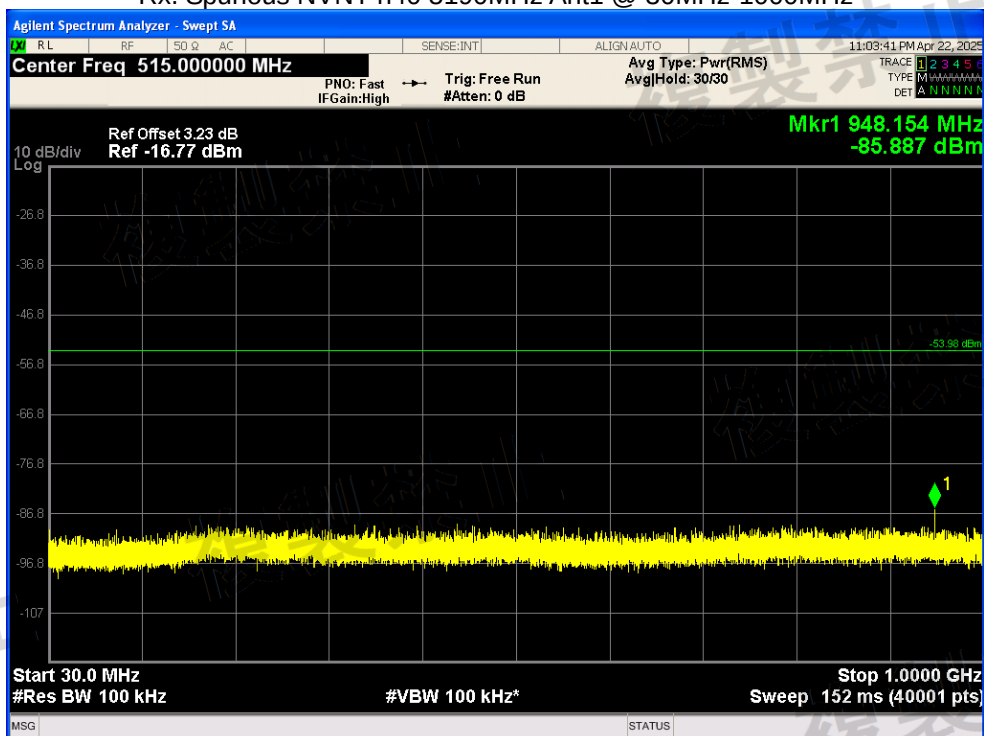
Rx. Spurious NVNT n20 5240MHz Ant1 @ 30MHz-1000MHz



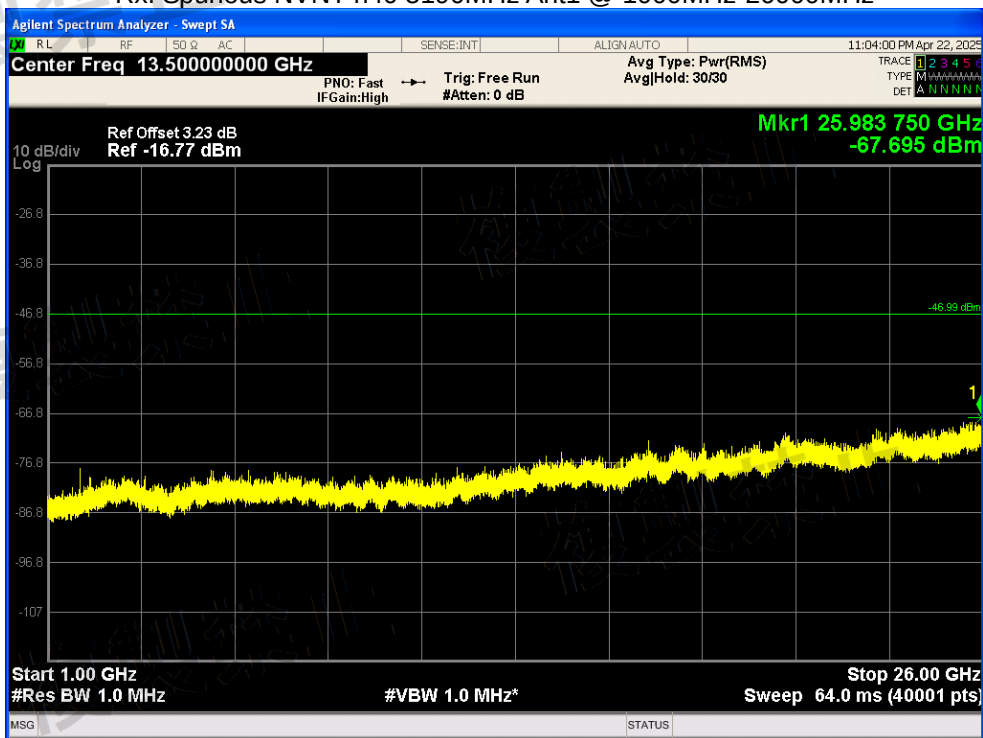
Rx. Spurious NVNT n20 5240MHz Ant1 @ 1000MHz-26000MHz



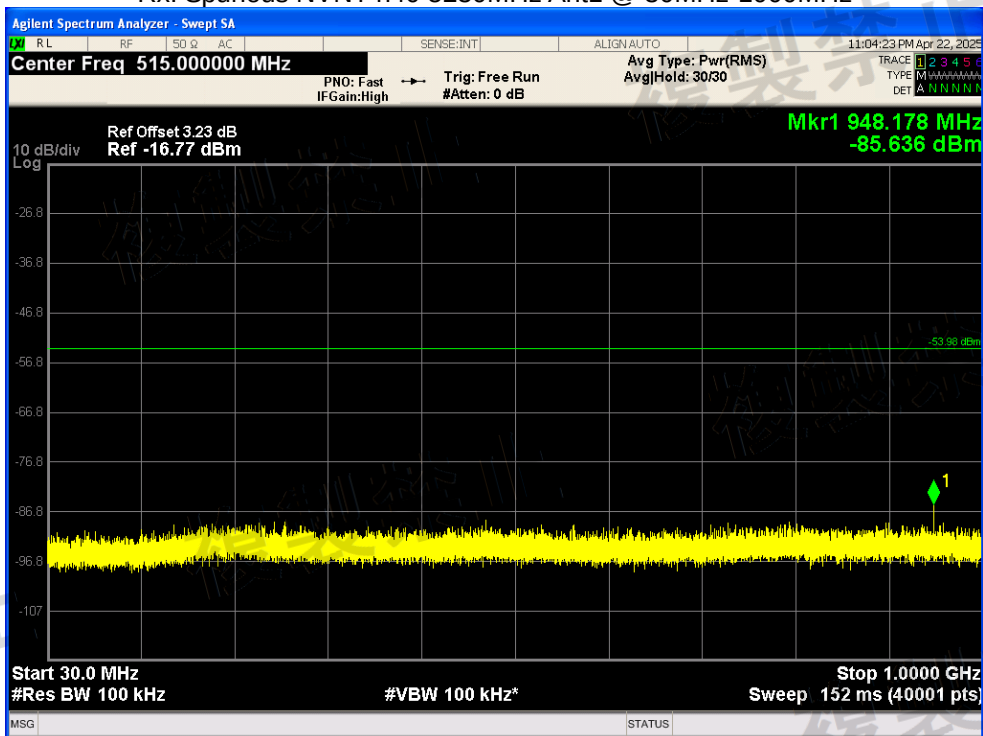
Rx. Spurious NVNT n40 5190MHz Ant1 @ 30MHz-1000MHz



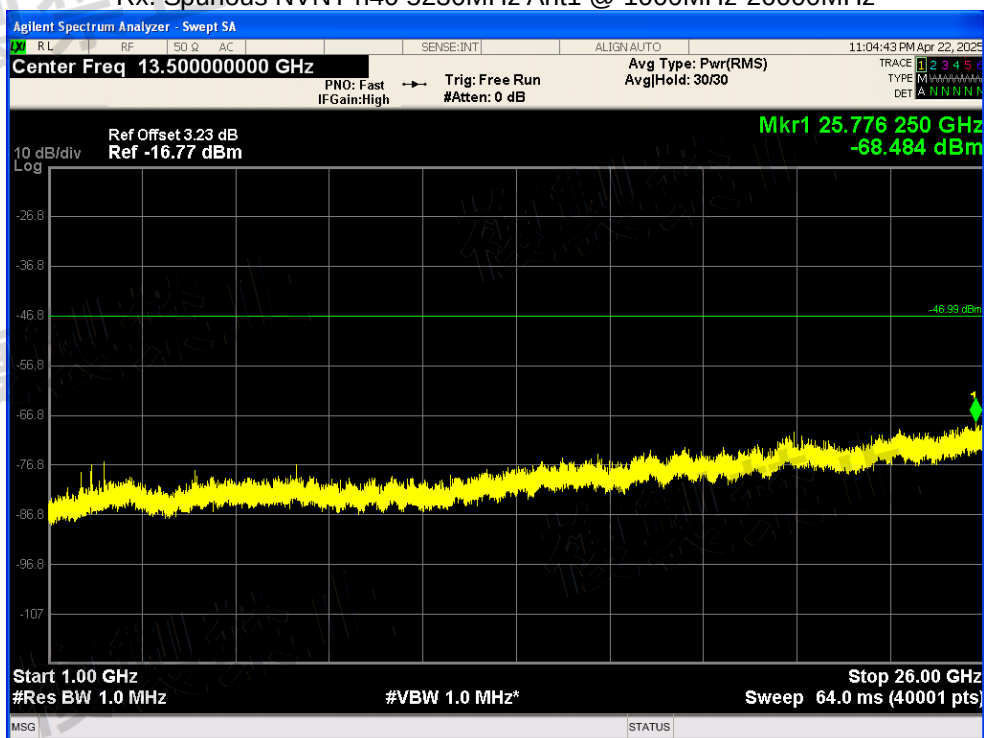
Rx. Spurious NVNT n40 5190MHz Ant1 @ 1000MHz-26000MHz



Rx. Spurious NVNT n40 5230MHz Ant1 @ 30MHz-1000MHz



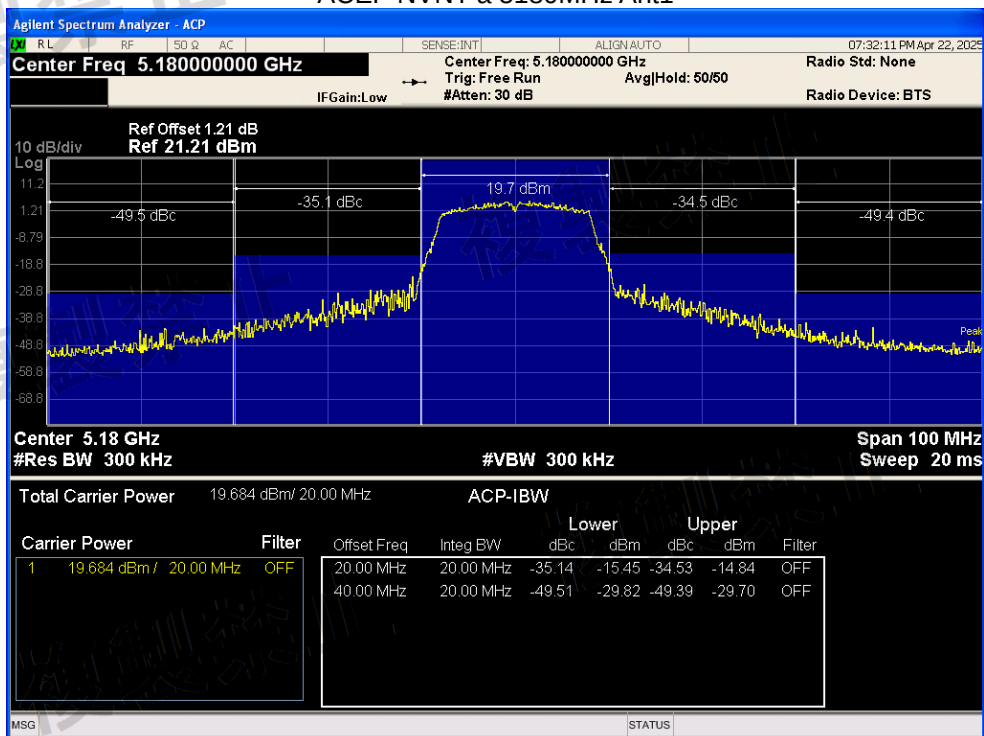
Rx. Spurious NVNT n40 5230MHz Ant1 @ 1000MHz-26000MHz



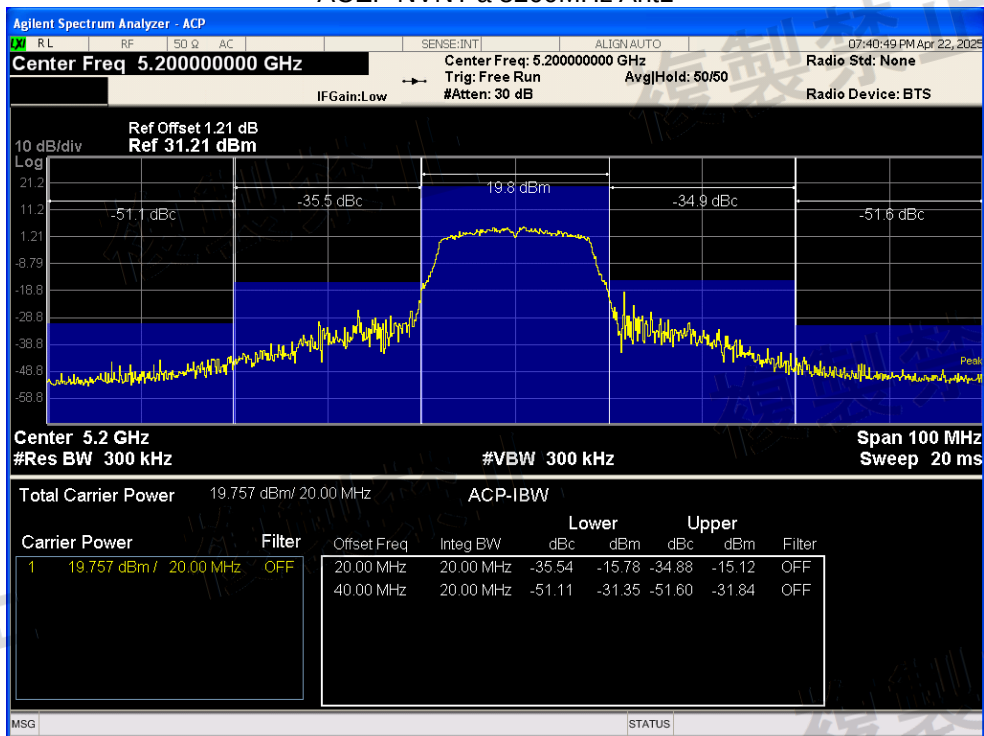
14.7 ADJACENT CHANNEL EMITTED POWER

Condition	Mode	Frequency (MHz)	Antenna	Offset (MHz)	Value (dBc)	Limit (dBc)	Verdict
NVNT	a	5180	Ant1	-20	-35.14	-25	Pass
NVNT	a	5180	Ant1	-40	-49.51	-40	Pass
NVNT	a	5180	Ant1	20	-34.53	-25	Pass
NVNT	a	5180	Ant1	40	-49.39	-40	Pass
NVNT	a	5200	Ant1	-20	-35.54	-25	Pass
NVNT	a	5200	Ant1	-40	-51.11	-40	Pass
NVNT	a	5200	Ant1	20	-34.88	-25	Pass
NVNT	a	5200	Ant1	40	-51.6	-40	Pass
NVNT	a	5240	Ant1	-20	-34.52	-25	Pass
NVNT	a	5240	Ant1	-40	-49.53	-40	Pass
NVNT	a	5240	Ant1	20	-34.63	-25	Pass
NVNT	a	5240	Ant1	40	-51.33	-40	Pass
NVNT	ac20	5180	Ant1	-20	-37.3	-25	Pass
NVNT	ac20	5180	Ant1	-40	-51.2	-40	Pass
NVNT	ac20	5180	Ant1	20	-36.68	-25	Pass
NVNT	ac20	5180	Ant1	40	-50.62	-40	Pass
NVNT	ac20	5200	Ant1	-20	-37.51	-25	Pass
NVNT	ac20	5200	Ant1	-40	-52	-40	Pass
NVNT	ac20	5200	Ant1	20	-37.34	-25	Pass
NVNT	ac20	5200	Ant1	40	-51.73	-40	Pass
NVNT	ac20	5240	Ant1	-20	-37.38	-25	Pass
NVNT	ac20	5240	Ant1	-40	-51.26	-40	Pass
NVNT	ac20	5240	Ant1	20	-37.47	-25	Pass
NVNT	ac20	5240	Ant1	40	-51.32	-40	Pass
NVNT	ac40	5190	Ant1	-40	-39.65	-25	Pass
NVNT	ac40	5190	Ant1	-80	-50.77	-40	Pass
NVNT	ac40	5190	Ant1	40	-39.3	-25	Pass
NVNT	ac40	5190	Ant1	80	-49.36	-40	Pass
NVNT	ac40	5230	Ant1	-40	-39.75	-25	Pass
NVNT	ac40	5230	Ant1	-80	-50.49	-40	Pass
NVNT	ac40	5230	Ant1	40	-39.07	-25	Pass
NVNT	ac40	5230	Ant1	80	-49.59	-40	Pass
NVNT	ac80	5210	Ant1	-80	-40.36	-25	Pass
NVNT	ac80	5210	Ant1	80	-37.87	-25	Pass
NVNT	n20	5180	Ant1	-20	-34.2	-25	Pass
NVNT	n20	5180	Ant1	-40	-49.58	-40	Pass
NVNT	n20	5180	Ant1	20	-33.62	-25	Pass
NVNT	n20	5180	Ant1	40	-49.32	-40	Pass
NVNT	n20	5200	Ant1	-20	-30.01	-25	Pass
NVNT	n20	5200	Ant1	-40	-46.23	-40	Pass
NVNT	n20	5200	Ant1	20	-30.73	-25	Pass
NVNT	n20	5200	Ant1	40	-47.93	-40	Pass
NVNT	n20	5240	Ant1	-20	-31.22	-25	Pass
NVNT	n20	5240	Ant1	-40	-46.64	-40	Pass
NVNT	n20	5240	Ant1	20	-31.62	-25	Pass
NVNT	n20	5240	Ant1	40	-48.41	-40	Pass
NVNT	n40	5190	Ant1	-40	-31.73	-25	Pass
NVNT	n40	5190	Ant1	-80	-47	-40	Pass
NVNT	n40	5190	Ant1	40	-31.2	-25	Pass
NVNT	n40	5190	Ant1	80	-45.98	-40	Pass
NVNT	n40	5230	Ant1	-40	-34.07	-25	Pass
NVNT	n40	5230	Ant1	-80	-47.59	-40	Pass
NVNT	n40	5230	Ant1	40	-33.49	-25	Pass
NVNT	n40	5230	Ant1	80	-48.05	-40	Pass

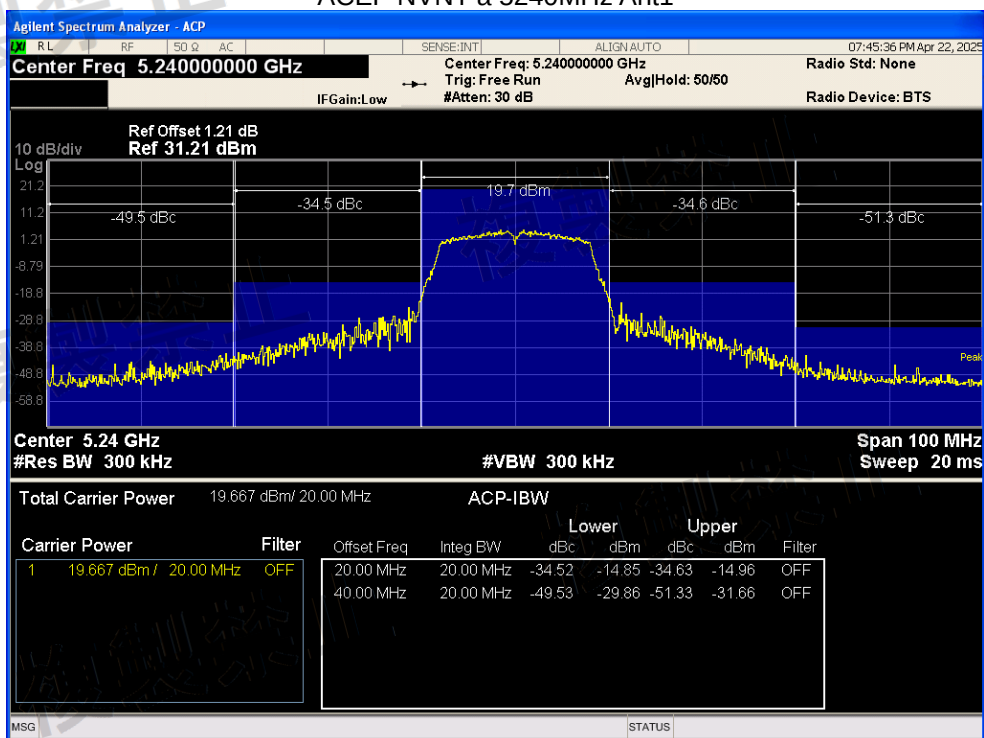
ACEP NVNT a 5180MHz Ant1



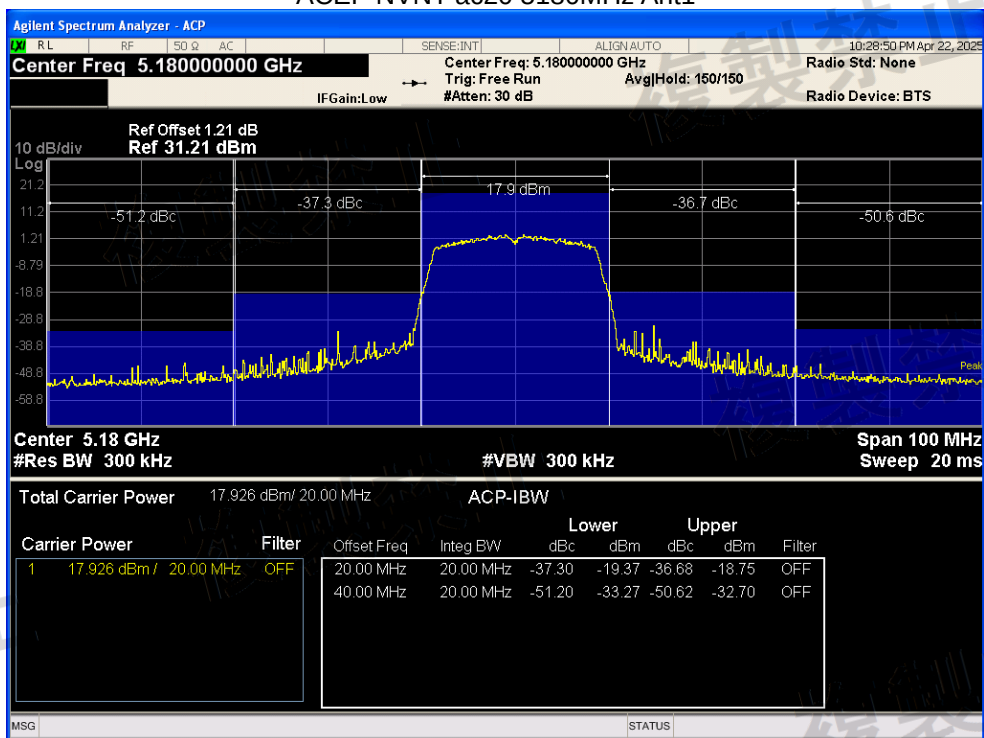
ACEP NVNT a 5200MHz Ant1



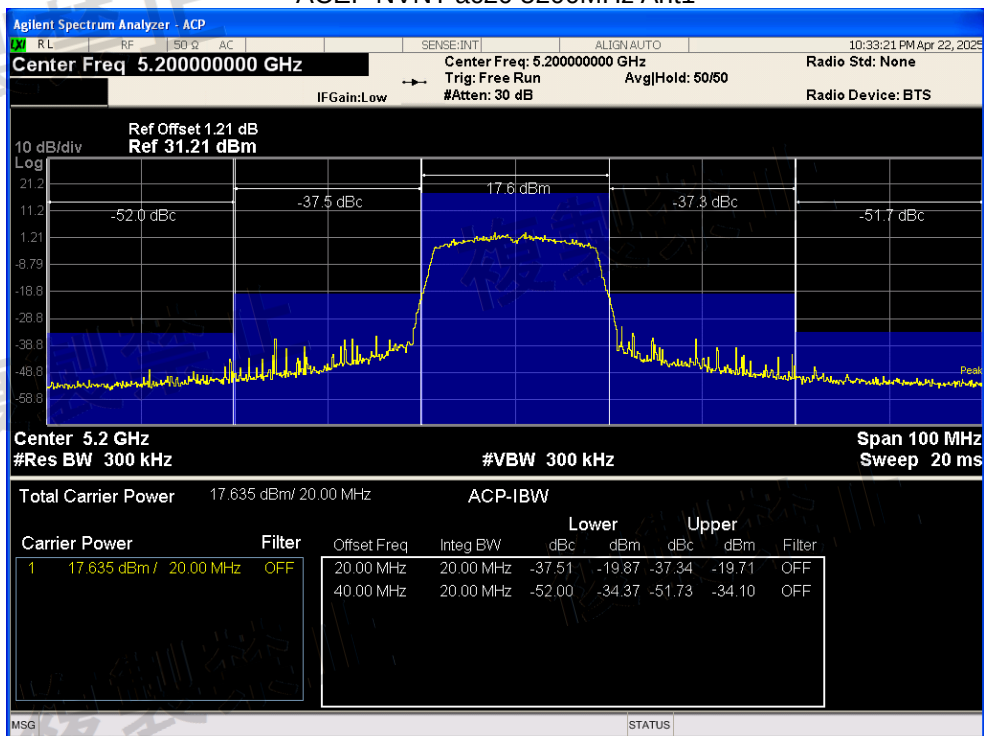
ACEP NVNT a 5240MHz Ant1



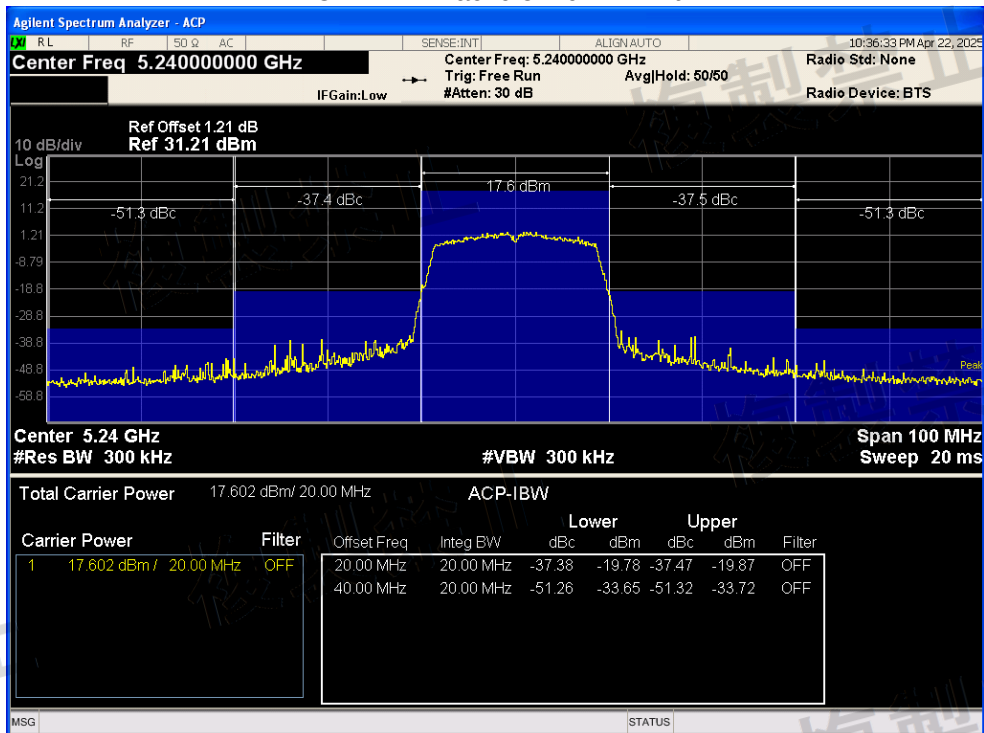
ACEP NVNT ac20 5180MHz Ant1



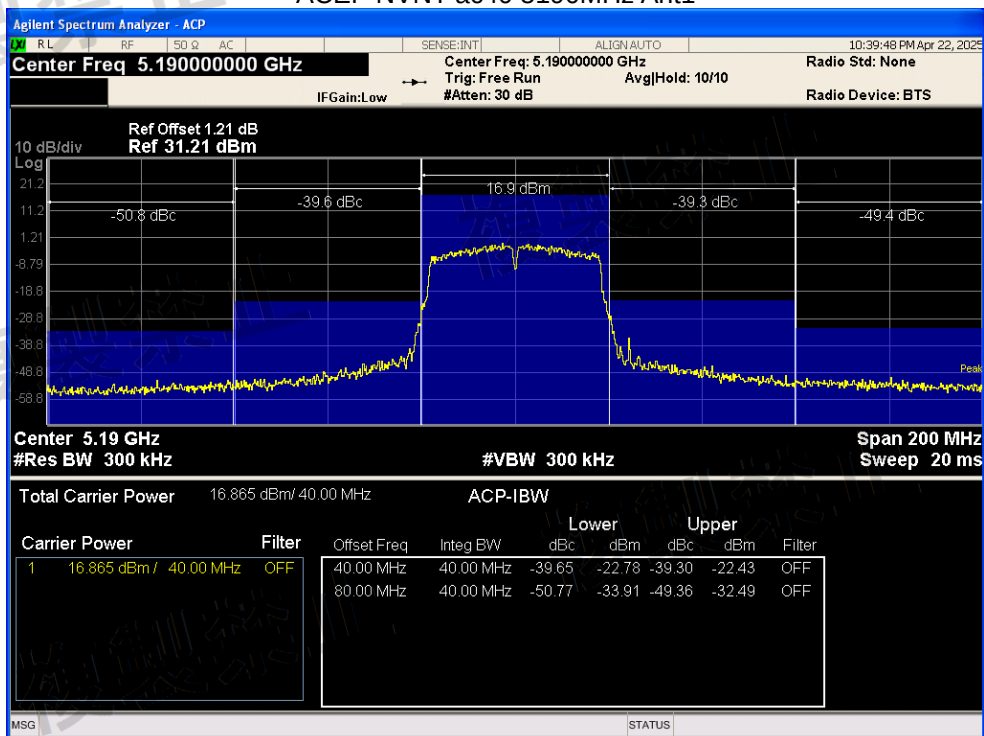
ACEP NVNT ac20 5200MHz Ant1



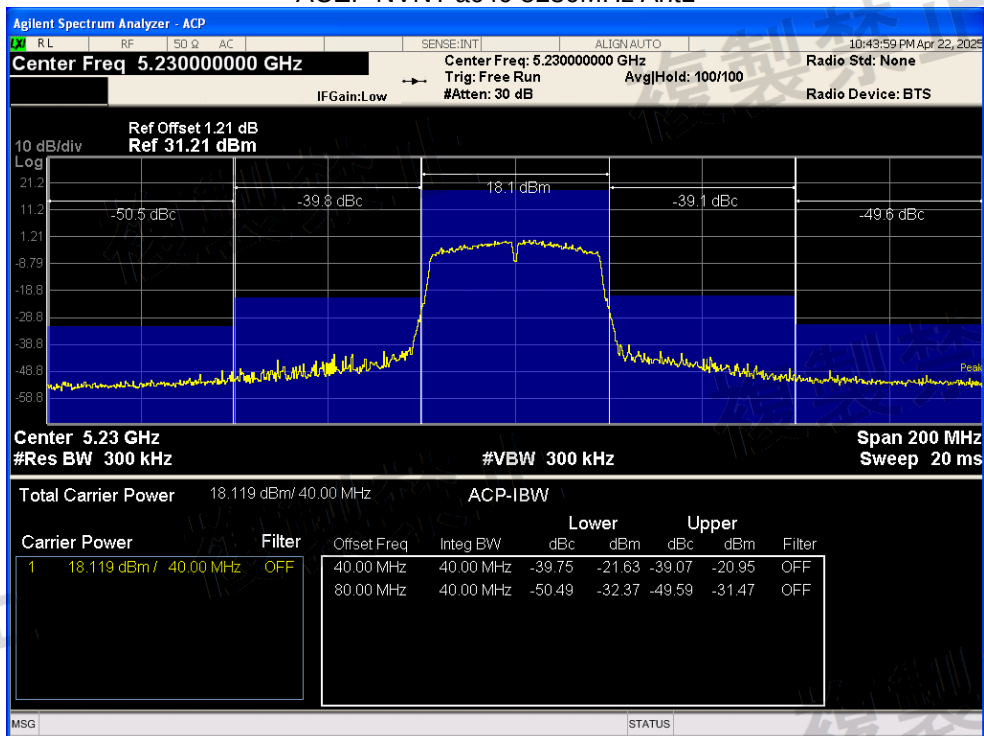
ACEP NVNT ac20 5240MHz Ant1



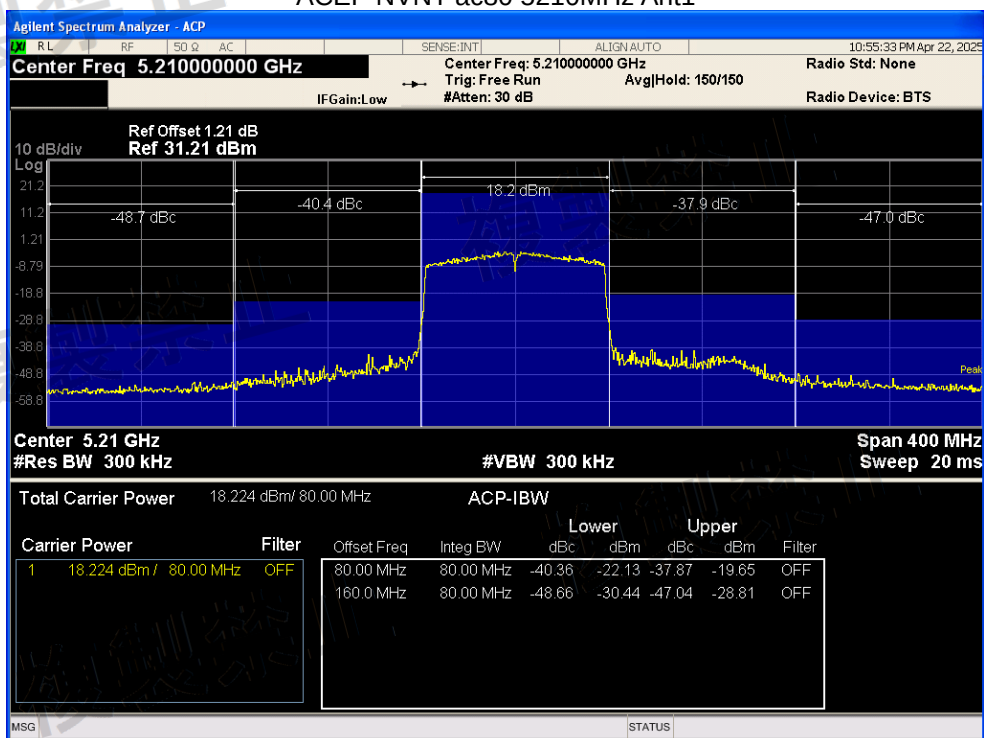
ACEP NVNT ac40 5190MHz Ant1



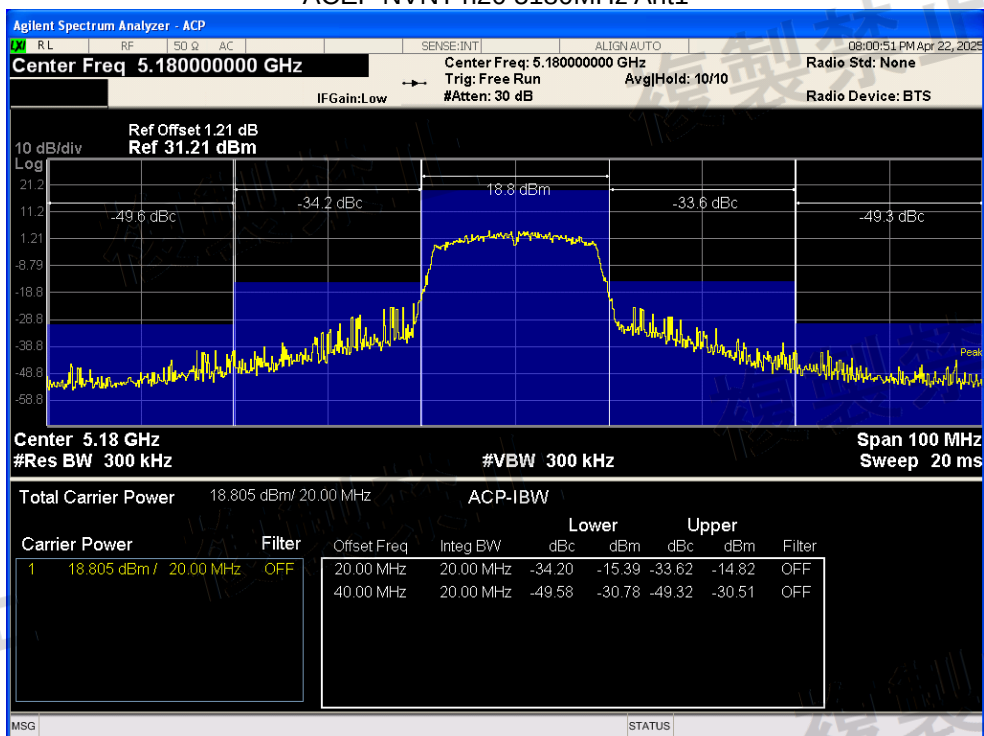
ACEP NVNT ac40 5230MHz Ant1



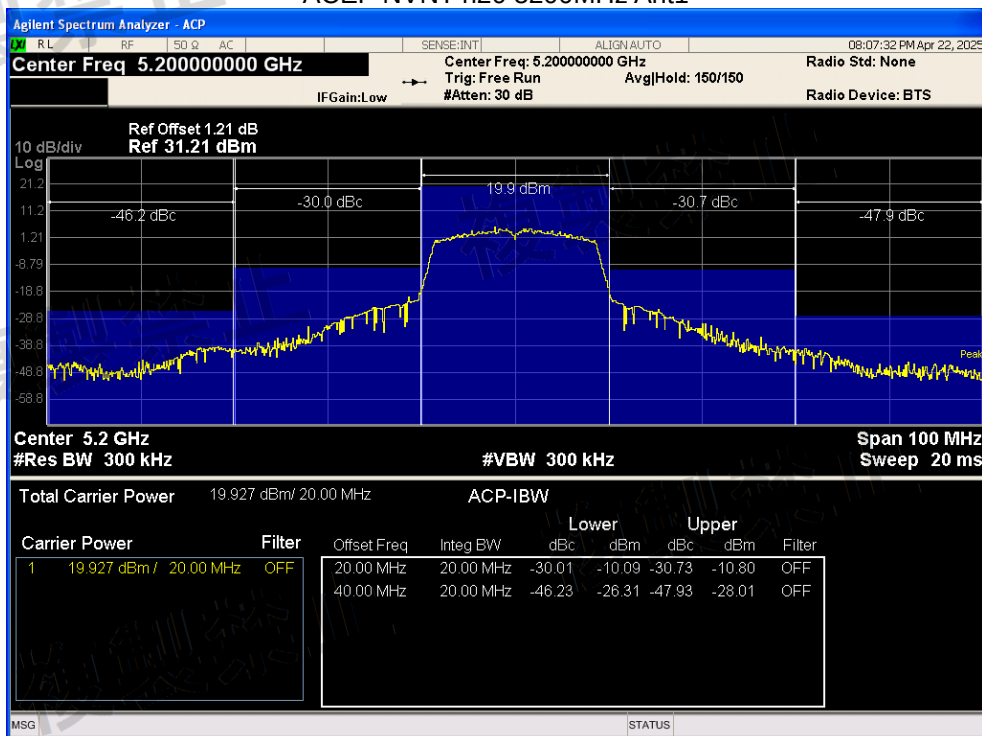
ACEP NVNT ac80 5210MHz Ant1



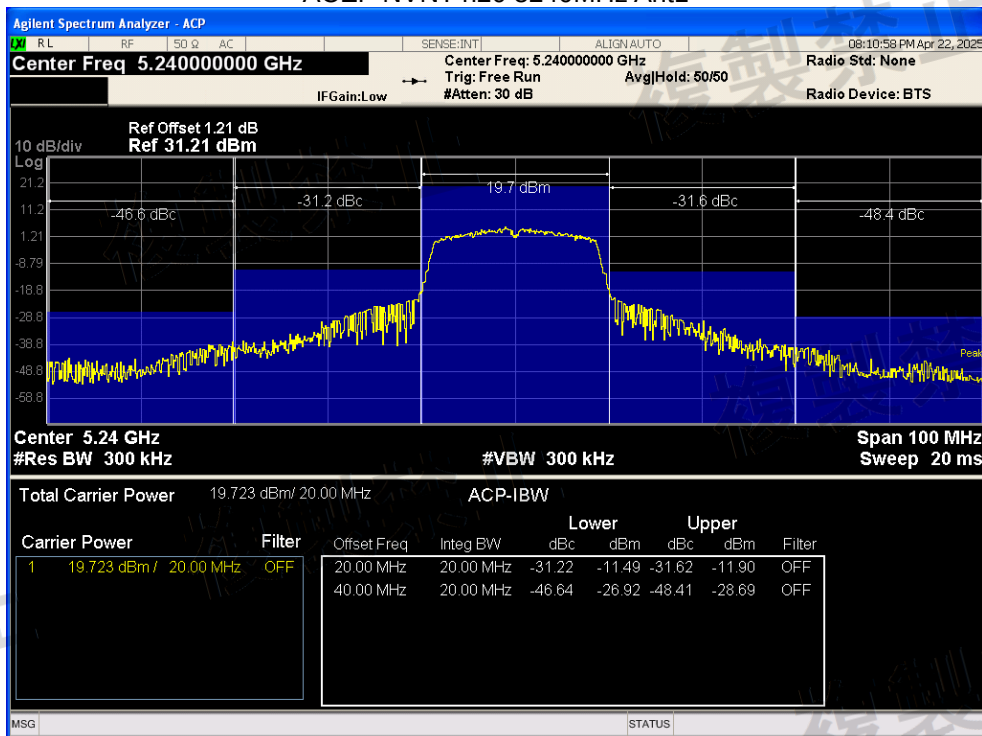
ACEP NVNT n20 5180MHz Ant1



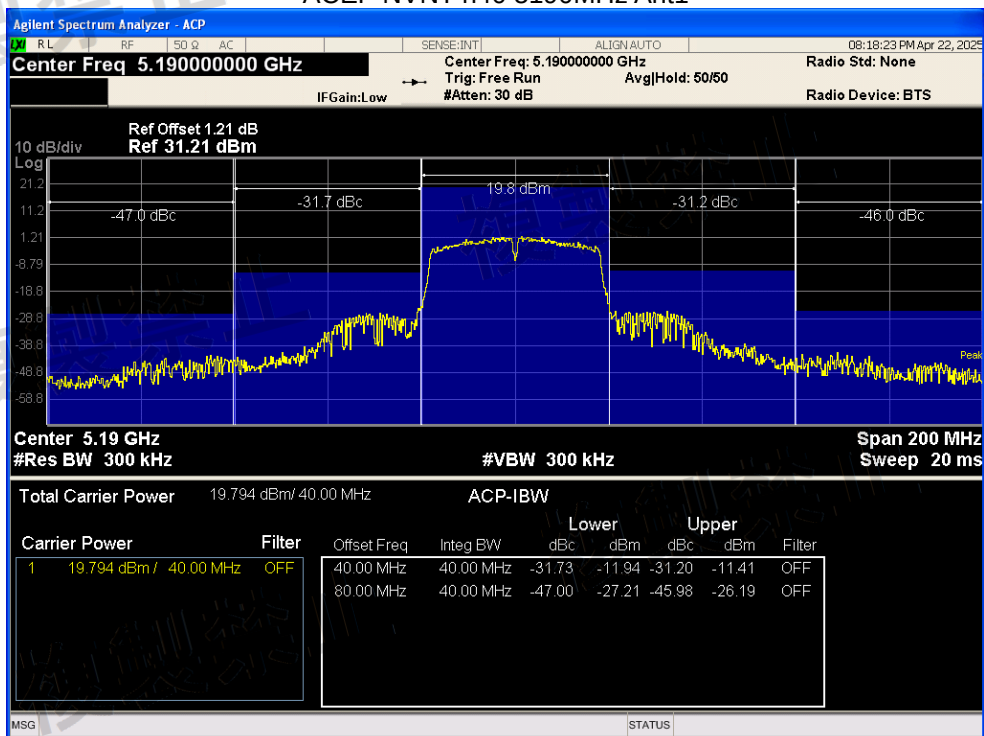
ACEP NVNT n20 5200MHz Ant1



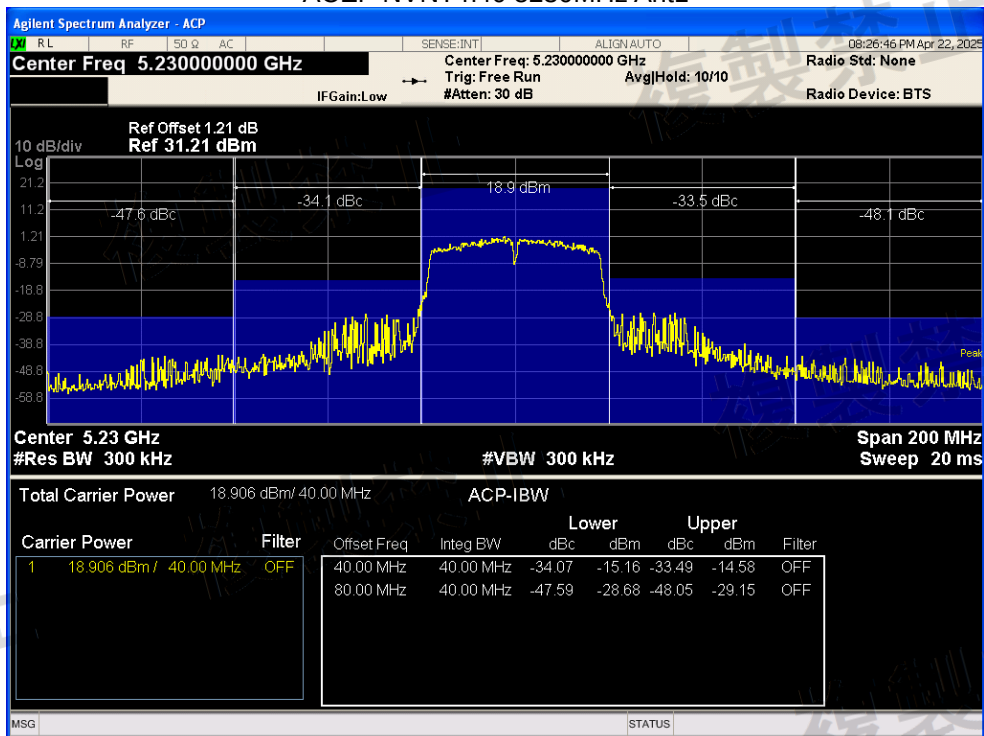
ACEP NVNT n20 5240MHz Ant1



ACEP NVNT n40 5190MHz Ant1



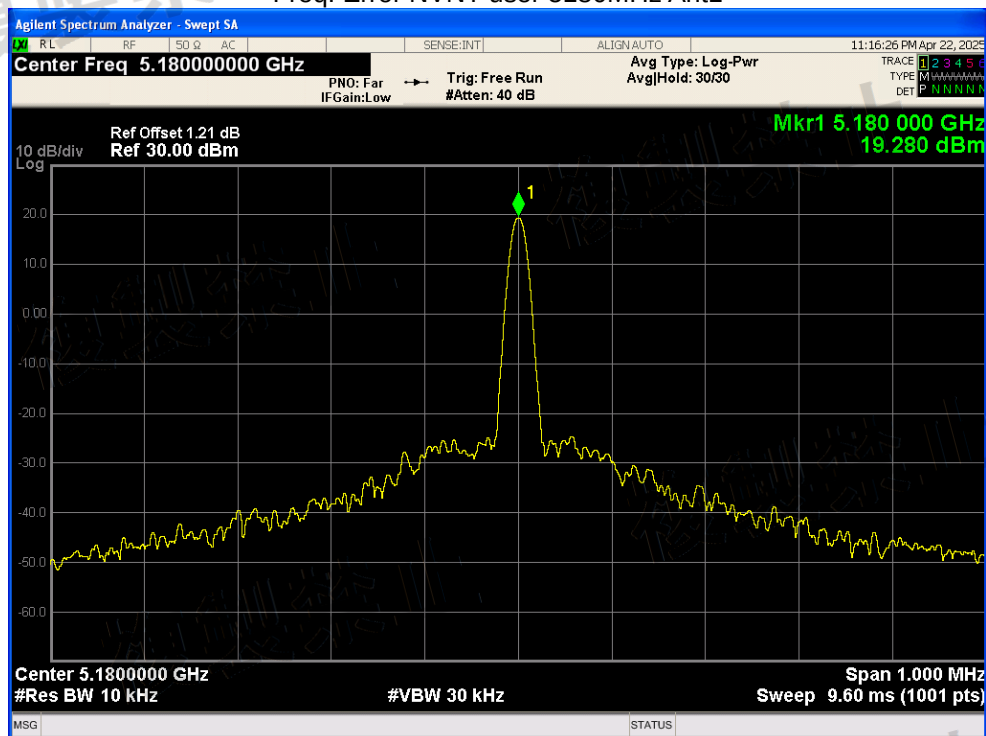
ACEP NVNT n40 5230MHz Ant1



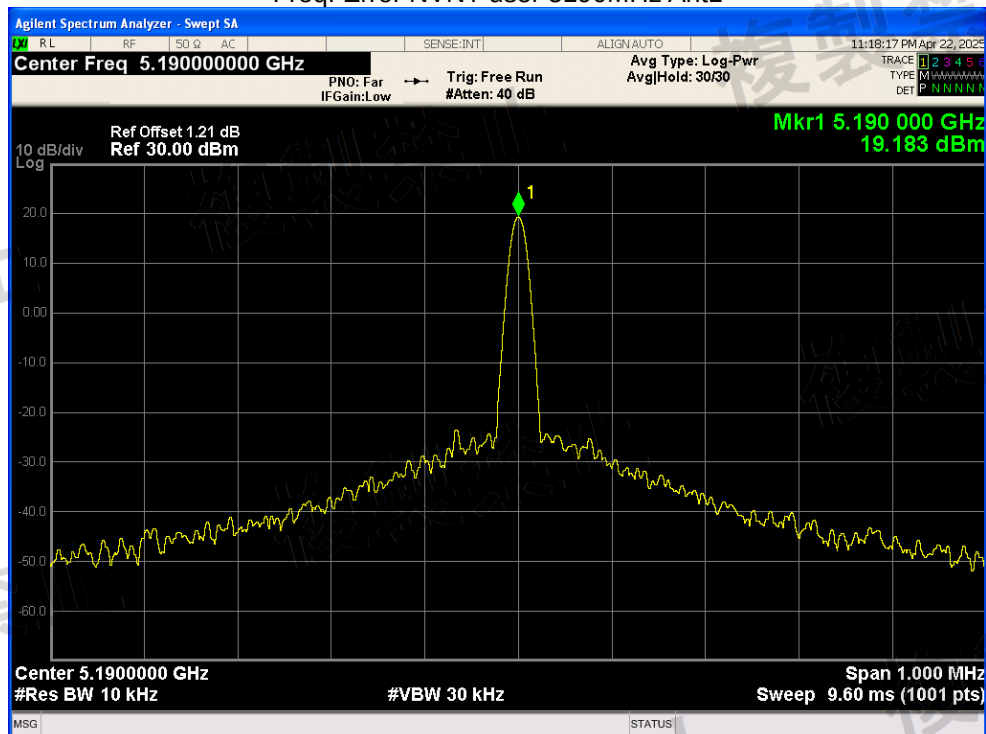
14.8 FREQUENCY ERROR

Condition	Mode	Frequency (MHz)	Antenna	Measured Frequency (MHz)	Deviation (ppm)	Limit (ppm)	Verdict
NVNT	Un-modulation	5180	Ant1	5180	0	20	Pass
NVNT	Un-modulation	5190	Ant1	5190	0	20	Pass
NVNT	Un-modulation	5200	Ant1	5200	0	20	Pass
NVNT	Un-modulation	5210	Ant1	5210	0	20	Pass
NVNT	Un-modulation	5230	Ant1	5230	0	20	Pass
NVNT	Un-modulation	5240	Ant1	5240	0	20	Pass

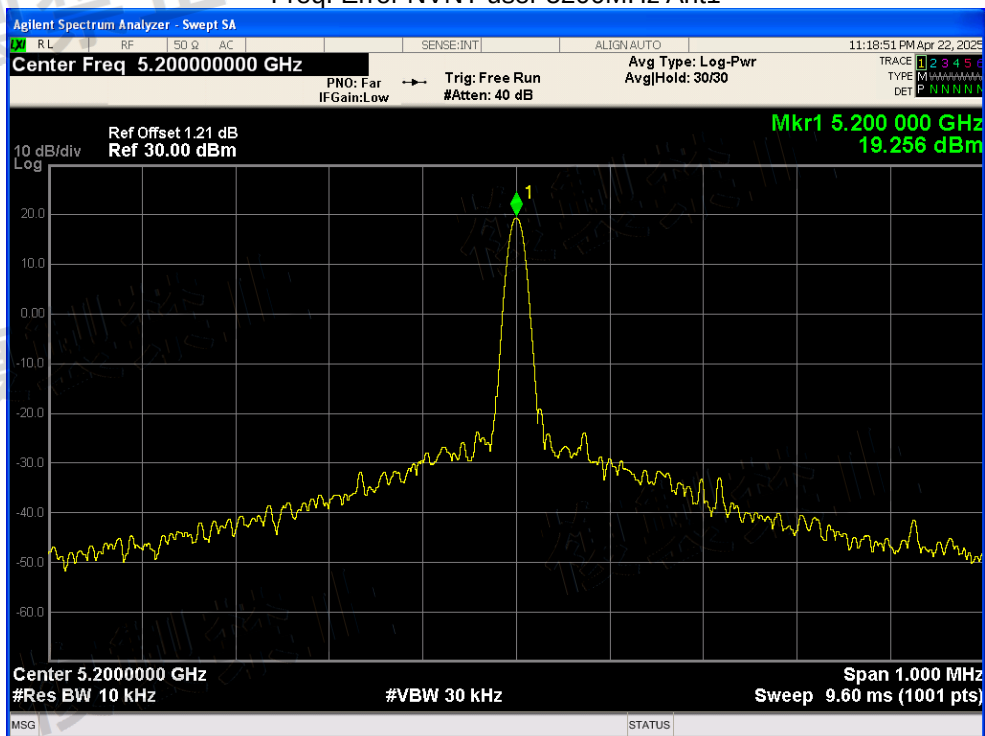
Freq. Error NVNT user 5180MHz Ant1



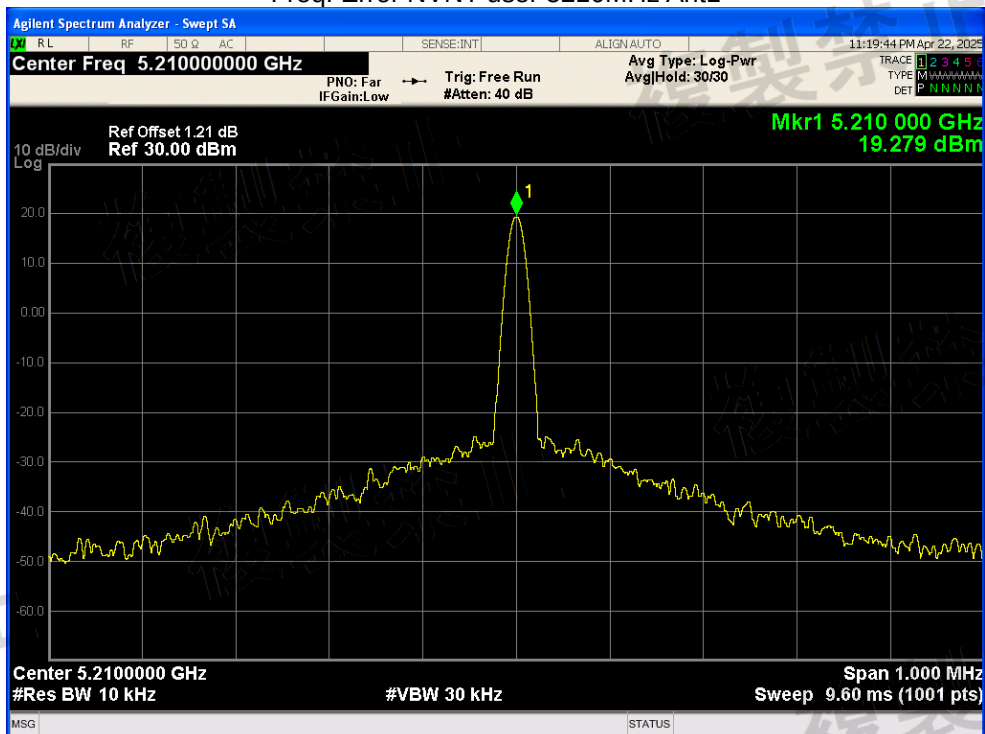
Freq. Error NVNT user 5190MHz Ant1



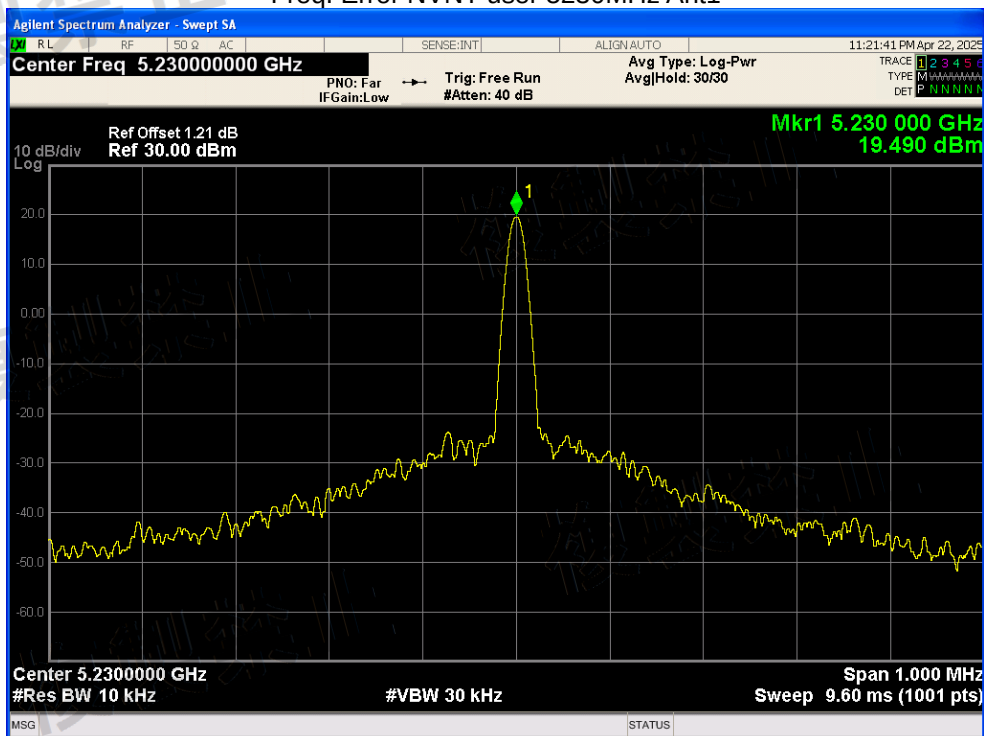
Freq. Error NVNT user 5200MHz Ant1



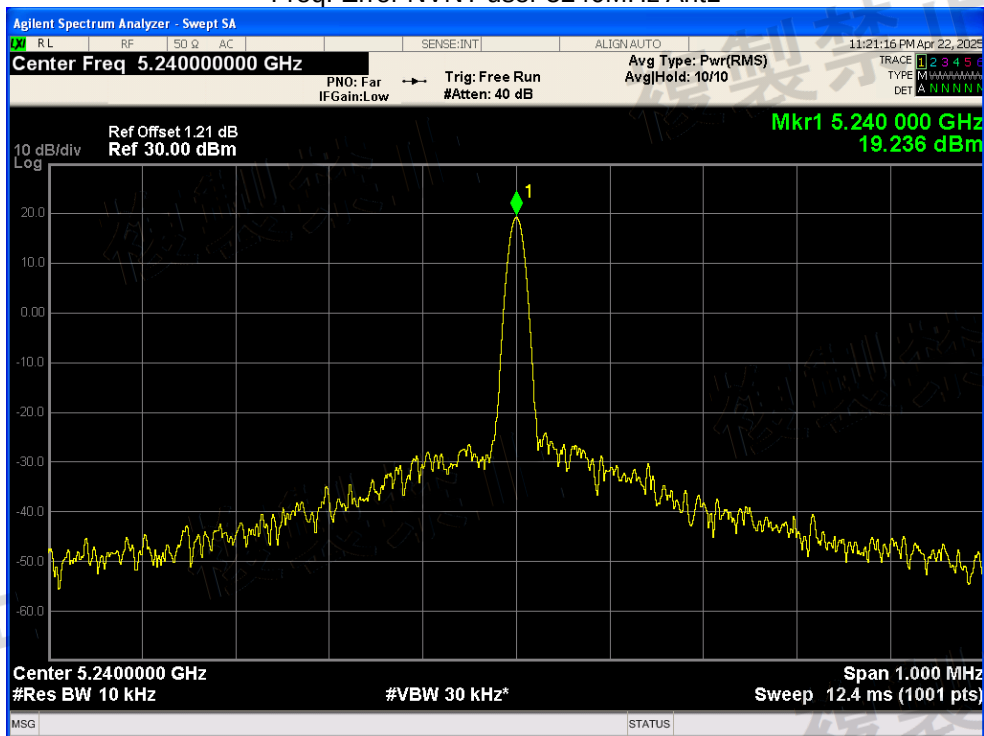
Freq. Error NVNT user 5210MHz Ant1



Freq. Error NVNT user 5230MHz Ant1



Freq. Error NVNT user 5240MHz Ant1



END OF REPORT