



RADIO TEST REPORT

Article 2 paragraph 1 item (19)

MIC Notice No.88 Appendix No.43

Product : Helmet Bluetooth Intercom Headset

Trade Mark : FreedConn

Model Name : FM10

Family Model: FM10 Pro, FM10 Plus

Report No. : N26020303111E

Prepared for

Shen Zhen FDC Electronic Co.,Ltd.

East Area of 4th Floor, E building, Hua Chuang Da Industry Park, Hangcheng Road,
Gushu Community, Xixiang street, Baoan District, Shenzhen City, Guangdong
Province, P.R.China

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: Shen Zhen FDC Electronic Co.,Ltd.
Address: East Area of 4th Floor, E building, Hua Chuang Da Industry Park, Hangcheng Road, Gushu Community, Xixiang street, Baoan District, Shenzhen City, Guangdong Province, P.R.China
Manufacturer's Name: Shen Zhen FDC Electronic Co.,Ltd.
Address: East Area of 4th Floor, E building, Hua Chuang Da Industry Park, Hangcheng Road, Gushu Community, Xixiang street, Baoan District, Shenzhen City, Guangdong Province, P.R.China
Test specification:
Standard: Article 2 paragraph 1 item (19)
MIC Notice No.88 Appendix No.43
Test item description
Product name.....: Helmet Bluetooth Intercom Headset
Trade Mark.....: FreedConn
Model and/or type reference . : FM10 , FM10 Pro, FM10 Plus

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 : S2602040129-1#

Testing

Date (s) of performance of tests Feb. 03, 2026 ~ Apr. 29, 2026

Date of Issue..... Apr. 29, 2026

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

Prepared By : Mary Hu
Mary Hu
(Project Engineer)

Reviewed By : Aaron Cheng
Aaron Cheng
(Supervisor)

Approved By : Alex Li
Alex Li
(Manager)

※ ※ Revision History ※ ※

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1. SUMMARY OF TEST RESULTS

Test procedures according to the technical standards:

Article 2 paragraph 1 item (19)			
Standard Section	Test Item	Judgment	Remark
General provisions			
5	Frequency Error	PASS	
6	Occupied Bandwidth	PASS	
7	Spurious Emissions Intensity	PASS	
Transmitting equipment			
14	Antenna Power	PASS	
14.2	SAR	N/A	
Transmitting antenna			
20	Type, Configuration, etc., of Transmitting Antenna	PASS	
22	Direction Pattern of Transmitting Antenna (Provided at Individual Antenna Report)	PASS	
Receiving antenna			
24	Limitation of Collateral Emission of Receiver	PASS	
26	Refer to All Articles for Transmitting Antenna	PASS	
Operating frequency 2400~2483.5MHz			
49.20(1);a	RF Shielding Method	PASS	
49.20(1);a	Communication Method	PASS	
49.20(1);b	Spread-spectrum Method	PASS	
49.20(1);c	Antenna Power	PASS	
49.20(1);d	Absolute Antenna Gain (Provided at Individual Antenna Report)	PASS	
49.20(1);e	Spread-Spectrum Bandwidth	just reported	
49.20(1);g	Hopping Frequency Dwell Time (FH employed)	PASS	

NOTE:

(1) "N/A" denotes test is not applicable in this Test Report

1.1 TEST FACILITY

Shenzhen NTEK Testing Technology Co., Ltd

Add. : No. 24 Xinfu East Road, Xiangshan Community, Xinqiao Street, Baoan District,

Shenzhen, Guangdong, People's Republic of China

FCC Registration No.:463705; IC Registration No.:9270A-1

CNAS Registration No.:L5516

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	$\pm 3.7\%$
9	Time	$\pm 5\%$

2. GENERAL INFORMATION

2.1 GENERAL DESCRIPTION OF EUT

Equipment	Helmet Bluetooth Intercom Headset	
Trade Mark	FreedConn	
Model Name	FM10	
Family Model	FM10 Pro, FM10 Plus	
Model Difference	All models have the same circuit and RF module, except for model names and appearances.	
Product Description	The EUT is Helmet Bluetooth Intercom Headset	
	Operation Frequency:	2402~2480 MHz
	Modulation Type:	GFSK, $\pi/4$ -DQPSK, 8-DPSK
	Number Of Channel	79 CH
	Antenna Designation:	Patch Antenna
	Antenna Gain(Peak)	1.42 dBi
Channel List	Please refer to the Note 2.	
Adapter	N/A	
Battery	DC 3.85V, 1950mAh, 7.05Wh	
Rating(s)	DC 3.85V from battery or DC 5V from adapter	
Hardware Version	N/A	
Firmware 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 List					
Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)
00	2402	27	2429	54	2456
01	2403	28	2430	55	2457
02	2404	29	2431	56	2458
03	2405	30	2432	57	2459
04	2406	31	2433	58	2460
05	2407	32	2434	59	2461
06	2408	33	2435	60	2462
07	2409	34	2436	61	2463
08	2410	35	2437	62	2464
09	2411	36	2438	63	2465
10	2412	37	2439	64	2466
11	2413	38	2440	65	2467
12	2414	39	2441	66	2468
13	2415	40	2442	67	2469
14	2416	41	2443	68	2470
15	2417	42	2444	69	2471
16	2418	43	2445	70	2472
17	2419	44	2446	71	2473
18	2420	45	2447	72	2474
19	2421	46	2448	73	2475
20	2422	47	2449	74	2476
21	2423	48	2450	75	2477
22	2424	49	2451	76	2478
23	2425	50	2452	77	2479
24	2426	51	2453	78	2480
25	2427	52	2454		
26	2428	53	2455		

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	GFSK(CH00 CH39 CH78)
Mode 2	$\pi/4$ -DQPSK (CH00 CH39 CH78)
Mode 3	8-DPSK (CH00 CH39 CH78)

For Radiated Emission	
Final Test Mode	Description
Mode 1	GFSK(CH00 CH39 CH78)
Mode 2	$\pi/4$ -DQPSK (CH00 CH39 CH78)
Mode 3	8-DPSK (CH00 CH39 CH78)

2.3 TEST CONDITIONS

Voltage Fluctuation Test	Normal Voltage	High Voltage + 10% of Normal Voltage	Low Voltage - 10% of Normal Voltage
DC Power	DC 3.85V	DC 4.24V	DC 3.47V
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, will not affect the voltage of the RF, so only operated in normal voltage to test all regulations.

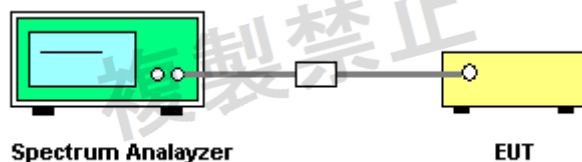
2.4 TABLE OF PARAMETERS OF TEXT SOFTWARE SETTING

During testing channel & power controlling software provided by the customer was used to control the operating channel as well as the output power level. The RF output power selection is for the setting of RF output power expected by the customer and is going to be fixed on the firmware of the final end product power parameters of FHSS

Test software Version	Test program: SSCOM V5.13.1		
Frequency	2402 MHz	2441 MHz	2480 MHz
Parameters	DEF	DEF	DEF

2.5 BLOCK DIGRAM SHOWING THE CONFIGURATION OF SYSTEM TESTED

Mode :



2.6 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	Helmet Bluetooth Intercom Headset	FM10	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”.

2.7 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 2026.04.15	2026.04.23 2027.04.14	1 year
2	SPECTRUM ANALYZER	AGILENT	N9020A	MY49100060	2025.04.17 2026.04.08	2026.04.16 2027.04.07	1 year
3	TEST RECEIVER	R&S	ESPI7	101318	2025.04.17 2026.04.08	2026.04.16 2027.04.07	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	EMC0518 35SE	980246	2025.04.17 2026.04.08	2026.04.16 2027.04.07	1 year
8	POWER METER	DARE	RPR3006 W	15I00041SN O84	2025.04.17 2026.04.08	2026.04.16 2027.04.07	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 VECTOR SIGNAL GENERATOR	AGILENT	E4438C	MY45093347	2025.04.17 2026.04.08	2026.04.16 2027.04.07	1 year
12	PSG ANALOG SIGNAL GENERATOR	AGILENT	E8257D	MY51110112	2025.05.06	2026.05.05	1 year

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

Remark:

- (a) Calibration conducted by the National institute of information and Communications Technology (NICT) in Japan (hereinafter referred to as "NICT") or a designated calibration agency under Article 102-18 paragraph (1) in JRL.
- (b) Correction conducted pursuant to the provisions of Article 135 or Article 144 of the Measurement Act (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 (1).
- (d) Calibration, etc, conducted by using measuring instruments and other equipment listed in the right column of appended table No. 3, which shall have been given any type of calibration, etc. listed above from (a) to (c) From JRL Article 24-2, paragraph 4, Item 2

3. FREQUENCY ERROR

3.1 LIMIT

Item	Limits
Frequency Error	±50ppm

3.2 MEASURING INSTRUMENTS AND SETTING

The following table is the setting of Spectrum Analyzer.

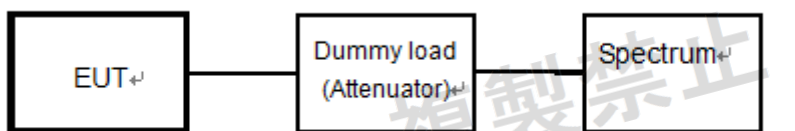
Spectrum Parameter	Setting
Attenuation	Auto
RB / VB	10KHz/30KHz
Detector	Peak
Trace	Max Hold
Sweep Time	Auto

3.3 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



3.4.1 TEST RESULT

EUT :	Helmet Bluetooth Intercom Headset	Model:	FM10
Temperature:	25°C	Tested by:	Mary Hu
Humidity:	55 % RH	Test Voltage	DC 3.85V
Operation Mode:	TX CH 00/CH 39/CH 78		

Test data reference attachment

4. ANTENNA POWER

4.1 LIMIT

Modulation	Frequency band	Antenna power	Max EIRP		Antenna power Tolerance
			Non-directional	Beam directional ^{Note1}	
DS	2,400-2,483.5MHz	10mW/MHz	12.14dBm/MHz	22.14dBm/MHz	+20% No lower limit
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-OFDM	2,400-2,483.5MHz	3mW/MHz	6.91dBm/MHz	16.91dBm/MHz	
	2,427-2,470.75MHz	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 RESULT

EUT :	Helmet Bluetooth Intercom Headset	Model:	FM10
Temperature:	25°C	Tested by:	Mary Hu
Humidity:	55 % RH	Test Voltage	DC 3.85V
Operation Mode:	GFSK/ $\pi/4$ -DQPSK/ 8-DPSK TX CH 00/CH 39/CH 78		

Test data reference attachment

5. OCCUPIED BANDWIDTH (99%)**5.1 LIMIT**

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

5.2 TEST RESULT

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

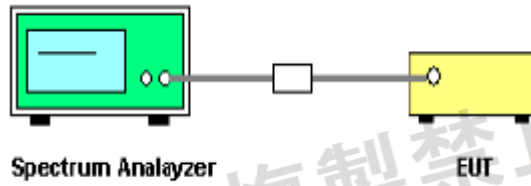
Please refer to section 5 in this report. The following table is the setting of Spectrum Analyzer.

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

6.3. TEST PROCEDURES

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 2.5μW.
4. Setting of SA is following as 1000MHz and stop frequency 2387MHz Then to mark peak reading value + cable loss shall be less than 2.5μW.
5. SA adjusted to start frequency 2387MHz and stop frequency 2400MHz. Then to mark peak reading value + cable loss shall be less than 25μW.
6. SA adjusted to start frequency 2483.5MHz and stop frequency 2496.5MHz Then to mark peak reading value + cable loss shall be less than 25μW
7. SA adjusted to start frequency 2496.5MHz and stop frequency 12500MHz Then to mark peak reading value + cable loss shall be less than 2.5μW
8. If the Result_Value is over the requirement, take total sum of 1MHz band centered at the spur frequency like ACLP measurement as Result_Value.

6.4. TEST SETUP LAYOUT



6.5. TEST DEVIATION

There is no deviation with the original standard.

6.6. TEST RESULT

EUT :	Helmet Bluetooth Intercom Headset	Model:	FM10
Temperature:	25°C	Tested by:	Mary Hu
Humidity:	55 % RH	Test Voltage	DC 3.85V
Operation Mode:	TX for GFSK, $\pi/4$ -DQPSK, 8-DPSK; Normal Voltage		

Test data reference attachment

7. DWELL TIME

7.1 LIMIT

Item	Limits
Hopping Freq. Dwell Time	$\leq 0.4 \text{ sec (In } 0.4 \text{ sec} \times \text{ spreading rate)}$

7.2 MEASURING INSTRUMENTS AND SETTING

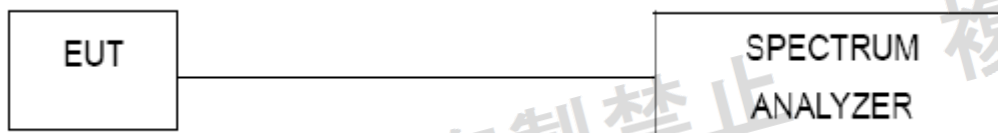
Please refer to section 5 in this report. The following table is the setting of the spectrum analyzer.

Spectrum Parameter	Setting
Attenuation	Auto
Span Frequency	0 MHz
RB	3 MHz
VB	3 MHz
Detector	Peak
Trace	Max Hold
Sweep	Continuous

7.3 TEST PROCEDURES

- The transmitter output (antenna port) was connected to the spectrum analyzer
- Set RBW of spectrum analyzer to 3MHz and VBW to 3MHz.
- Use a video trigger with the trigger level set to enable triggering only on full pulses.
- Sweep Time is more than once pulse time.
- Set the center frequency on any frequency would be measure and set the frequency span to zero span.
- Measure the maximum time duration of one single pulse.
- Set the EUT for DH5, DH3 and DH1 packet transmitting.
- Measure the maximum time duration of one single pulse.
- Dwell time = Pulse Time x Burst Count. (to be determined for each mode, DH1, DH3, DH5)

7.4 TEST SETUP LAYOUT



7.5 TEST RESULT

EUT :	Helmet Bluetooth Intercom Headset	Model:	FM10
Temperature:	25°C	Tested by:	Mary Hu
Humidity:	55 % RH	Test Voltage	DC 3.85V
Test Mode:	GFSK / $\pi/4$ -DQPSK/ 8-DPSK		

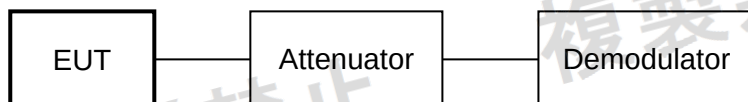
Test data reference attachment

8. CARRIER SENSE

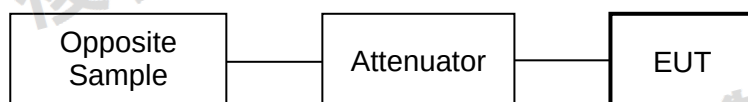
Not applicable, Since the EUT belong to FHSS Device.

9. INTERFERENCE PREVENTION FUNCTION

9.1 IN CASE IDENTIFICATION CODE IS TRANSMITTED



9.2 IN CASE IDENTIFICATION CODE IS RECEIVED



9.3 MEASURING EQUIPMENT CONDITIONS

- a. The Demodulator shall demodulate the TX-signal transmitted by the EUT and be able to display the contents of the identification code.
- b. The opposite sample shall be able to transmit TX-signal equivalent to the TX-signal transmitted by the EUT.

9.4 CONDITIONS OF EUT

The EUT is set on the usual operating mode.

9.5 MEASUREMENT PROCEDURE

- (1) In case the EUT possesses function to transmit identification code automatically
 - a Predetermined identification code is transmitted by the EUT.
 - b Verify the transmitted identification code.
- (2) In case the EUT possesses function to receive identification code automatically
 - a Predetermined identification code is transmitted by the opposite sample.
 - b Verify the working of the normal communication.
 - c Other code than the predetermined identification code is transmitted by the opposite sample.
 - d Verify the EUT to stop transmitting or to display that the ID code is different.

Radio interface prevention function

	Normal voltage	Low voltage	High voltage
Result	OK	N/A	N/A

Mac address: Mac address: 10: d9: 4f: a0:13: 57

Result: OK

10. IMITATION OF COLLATERAL EMISSION OF RECEIVER MEASUREMENT**10.1 LIMIT**

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

10.2 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

10.3 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.

10.4 TEST RESULT

EUT :	Helmet Bluetooth Intercom Headset	Model:	FM10
Temperature:	25°C	Tested by:	Mary Hu
Humidity:	55 % RH	Test Voltage	DC 3.85V
Operation Mode:	GFSK / $\pi/4$ -DQPSK/ 8-DPSK		

Test data reference attachment

11. EIRP ANTENNA POWER MEASUREMENT

11.1 LIMIT

Modulation	Frequency band	Antenna power	Max EIRP		Antenna power Tolerance
			Non-directional	Beam directional ^{Note1}	
DS	2,400-2,483.5MHz	10mW/MHz	12.14dBm/MHz	22.14dBm/MHz	+20% No lower limit
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-OFDM	2,400-2,483.5MHz	3mW/MHz	6.91dBm/MHz	16.91dBm/MHz	
	2,427-2,470.75MHz	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.

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

11.2 MEASURING INSTRUMENTS AND SETTING



11.3 TEST DEVIATION

There is no deviation with the original standard.

11.4 EUT OPERATION DURING TEST

The EUT was programmed to be in continuously transmitting mode.

11.5 RESULTS OF TRANSMISSION ANTENNA GAIN

EUT :	Helmet Bluetooth Intercom Headset	Model:	FM10
Temperature:	25°C	Tested by:	Mary Hu
Humidity:	55 % RH	Test Voltage	N/A
Operation Mode:	N/A		

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

Note: EIRP= Peak Output Power+ ANT Gain

12. TRANSMISSION RADIATION ANGLE WIDTH (3DB BEAMWIDTH) MEASUREMENT**12.1 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	

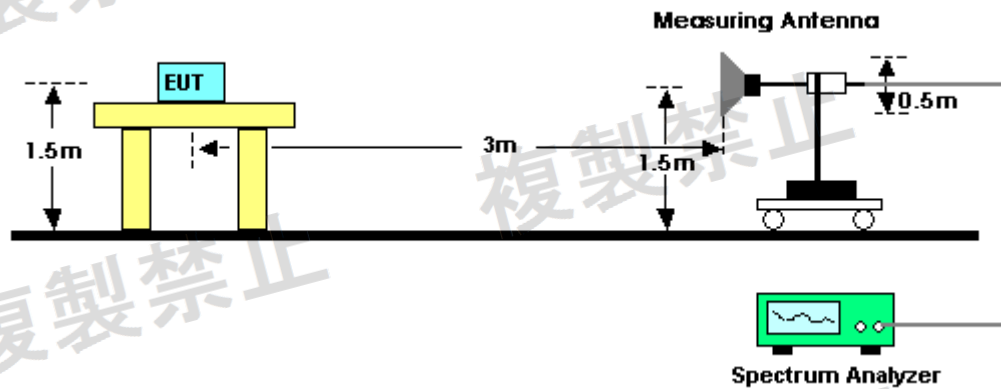
12.2 MEASURING INSTRUMENTS AND SETTING

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

12.3 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
 $A = \{\text{EIRP Power [mW]} / 4.9 \text{ for FH}\}$

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 continuously transmitting mode.

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

EUT :	Helmet Bluetooth Intercom Headset	Model:	FM10
Temperature:	25°C	Tested by:	N/A
Humidity:	55 % RH	Test Voltage	N/A
Operation Mode:	N/A		

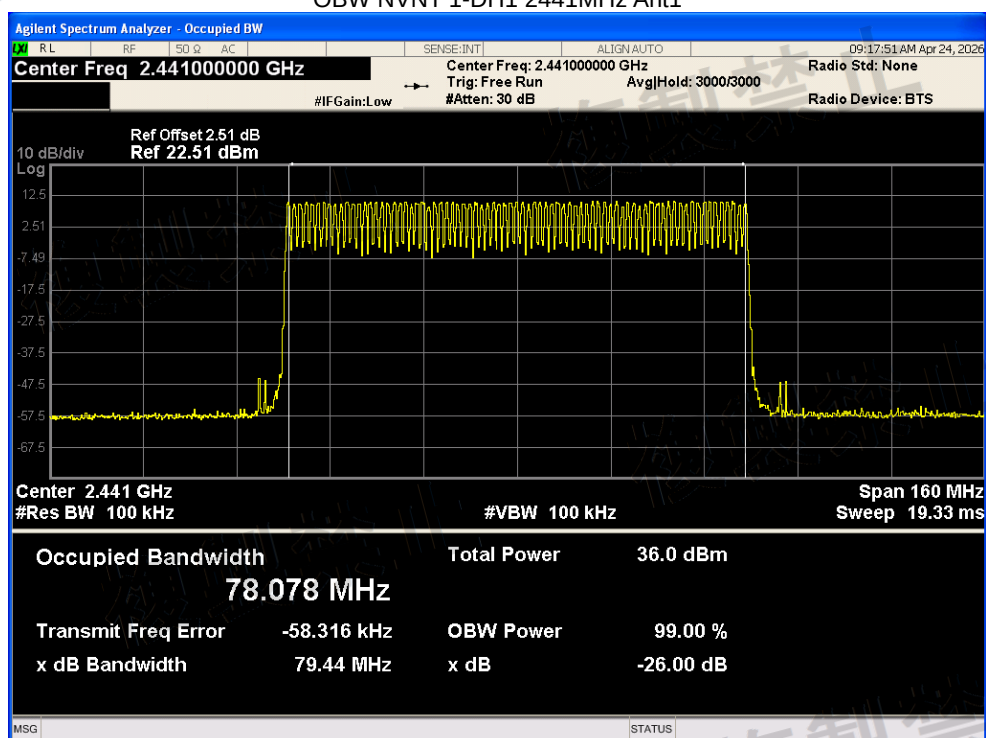
Note: This item is not applicable, when EIRP power is lower than the limit of 6.91dBm/MHz.

13. TEST RESULTS

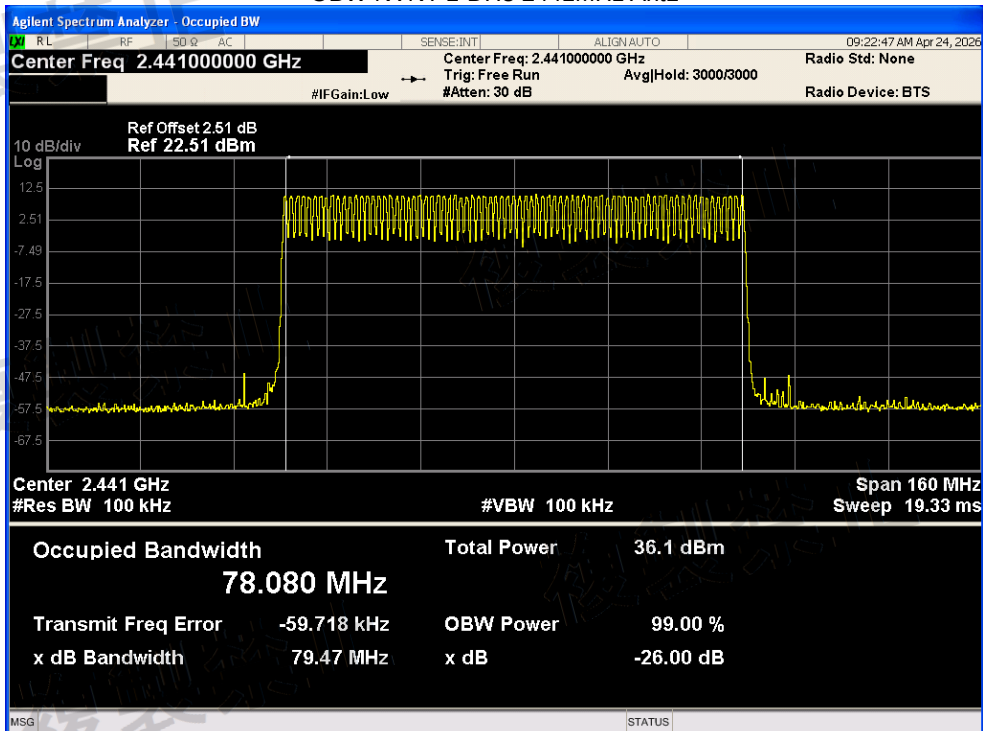
13.1 OCCUPIED CHANNEL BANDWIDTH

Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	1-DH1	2441	Ant1	78.078
NVNT	1-DH3	2441	Ant1	78.08
NVNT	1-DH5	2441	Ant1	78.098
NVNT	2-DH1	2441	Ant1	78.21
NVNT	2-DH3	2441	Ant1	78.295
NVNT	2-DH5	2441	Ant1	78.288
NVNT	3-DH1	2441	Ant1	78.056
NVNT	3-DH3	2441	Ant1	78.138
NVNT	3-DH5	2441	Ant1	78.324

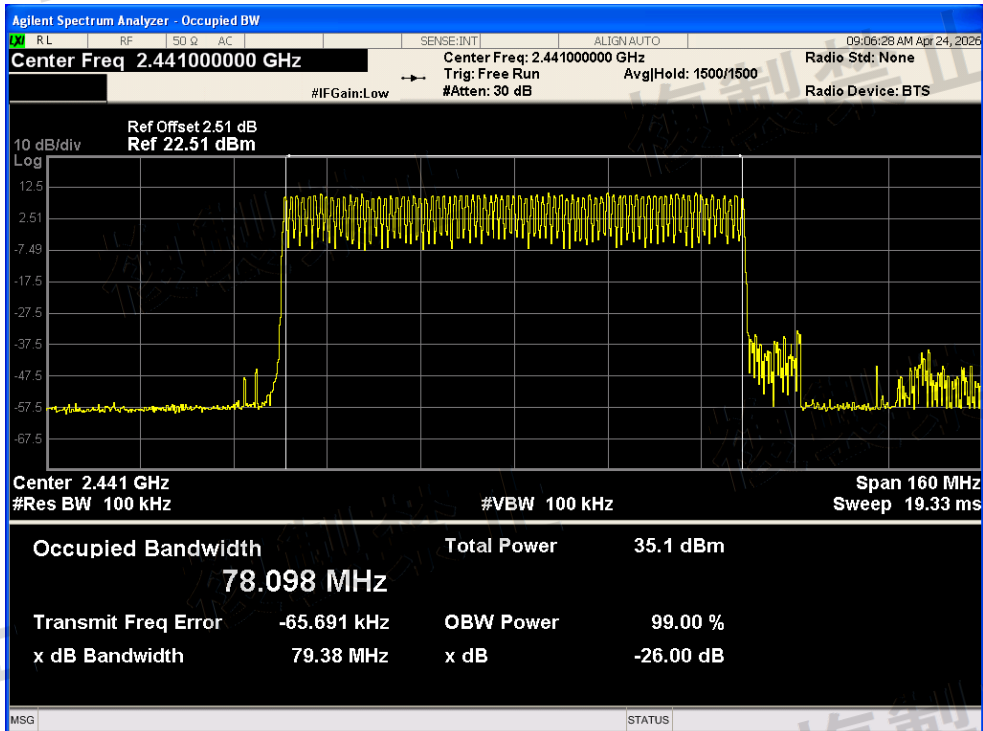
OBW NVNT 1-DH1 2441MHz Ant1



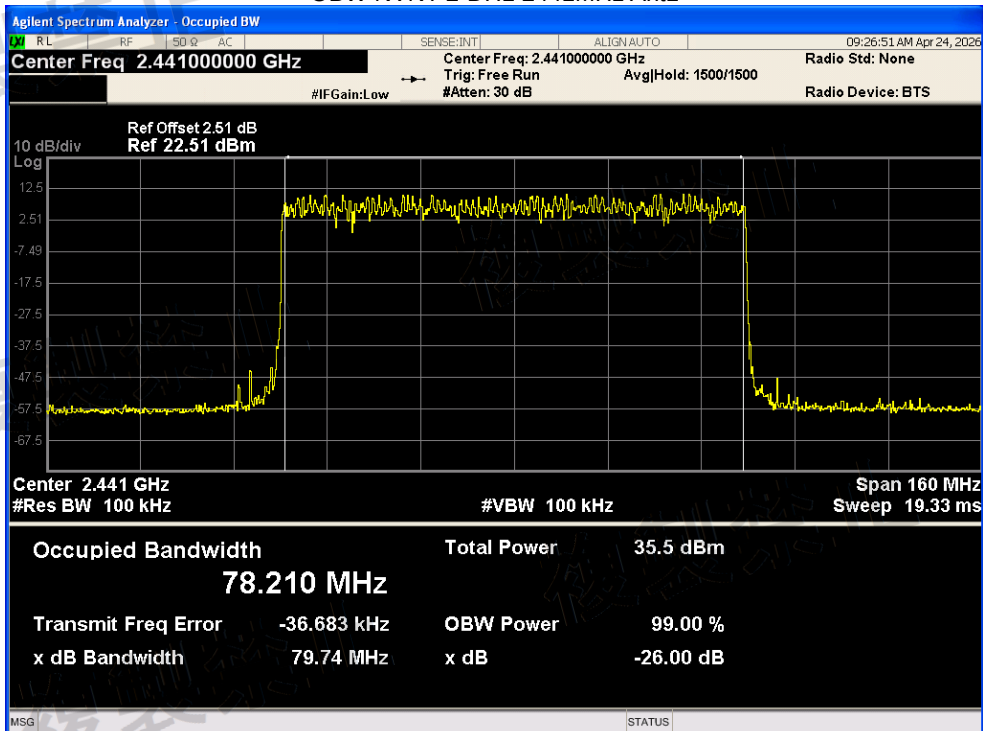
OBW NVNT 1-DH3 2441MHz Ant1



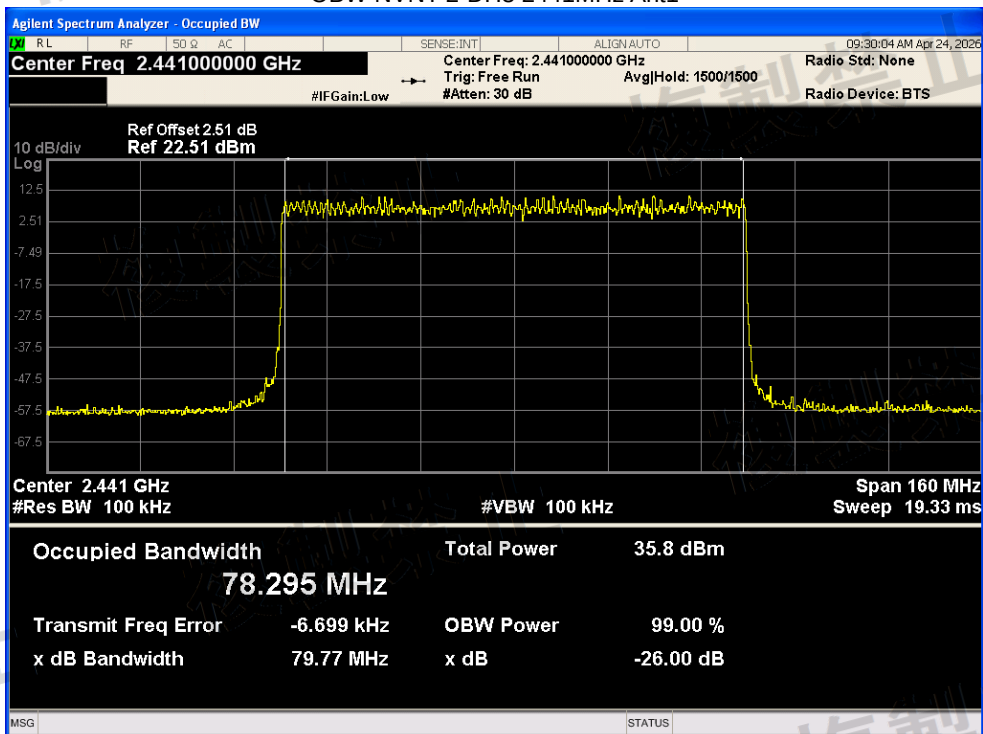
OBW NVNT 1-DH5 2441MHz Ant1



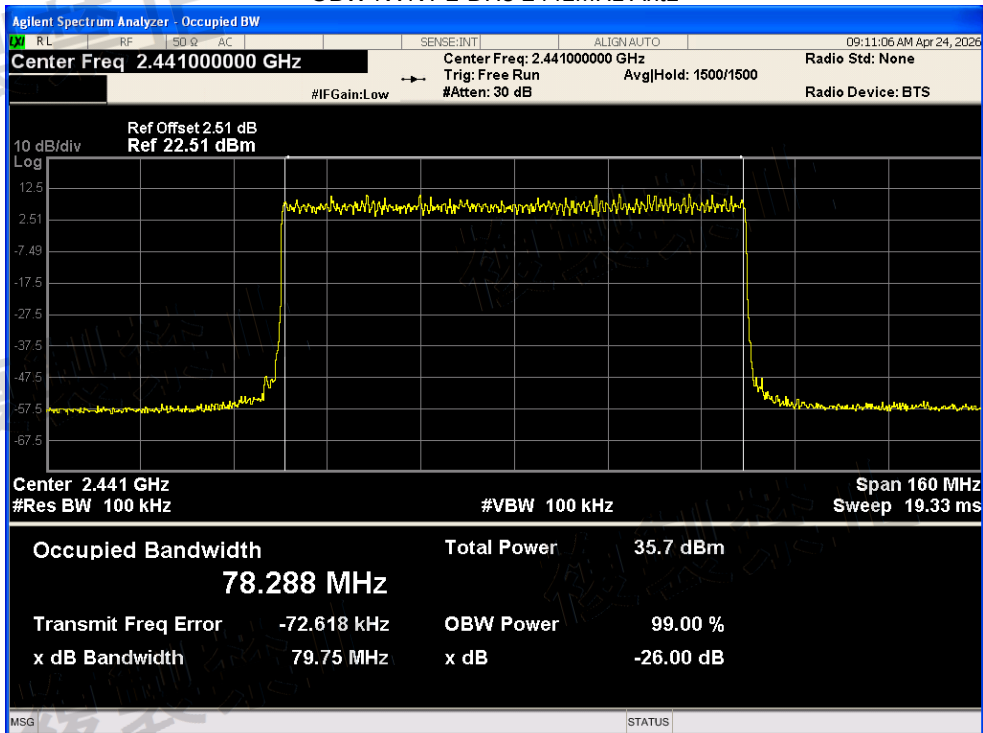
OBW NVNT 2-DH1 2441MHz Ant1



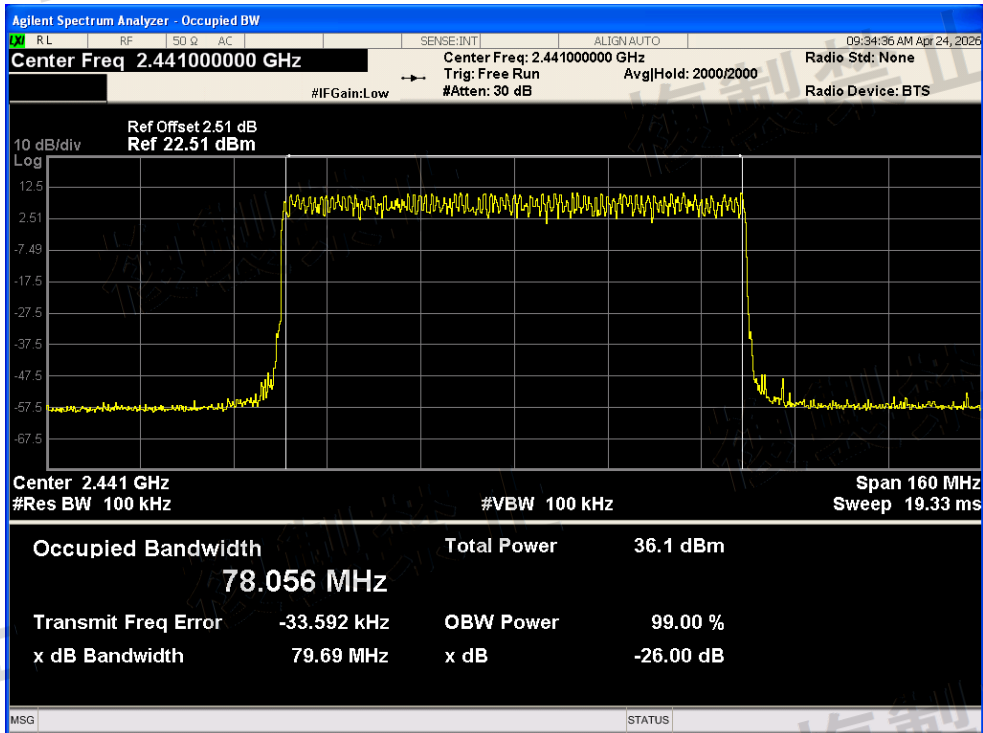
OBW NVNT 2-DH3 2441MHz Ant1



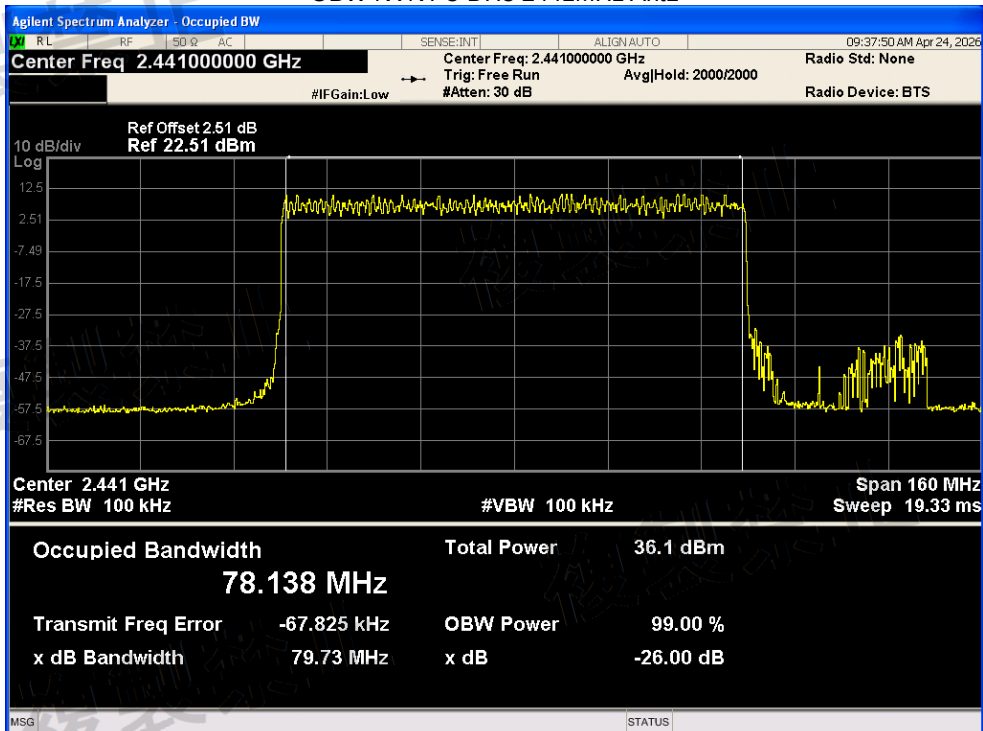
OBW NVNT 2-DH5 2441MHz Ant1



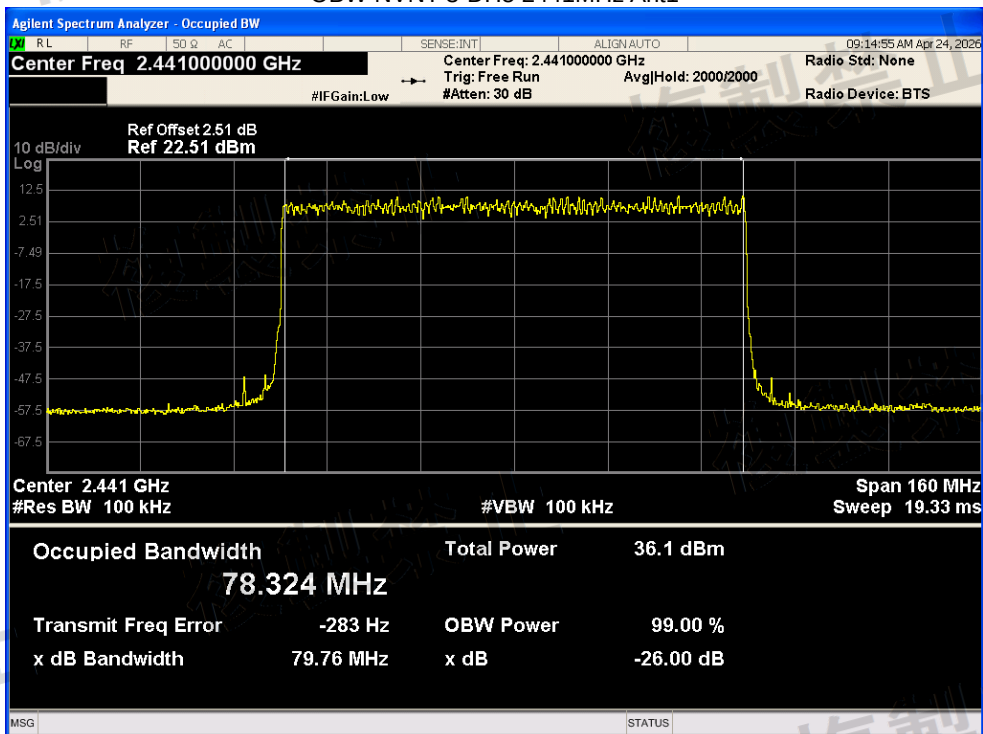
OBW NVNT 3-DH1 2441MHz Ant1



OBW NVNT 3-DH3 2441MHz Ant1



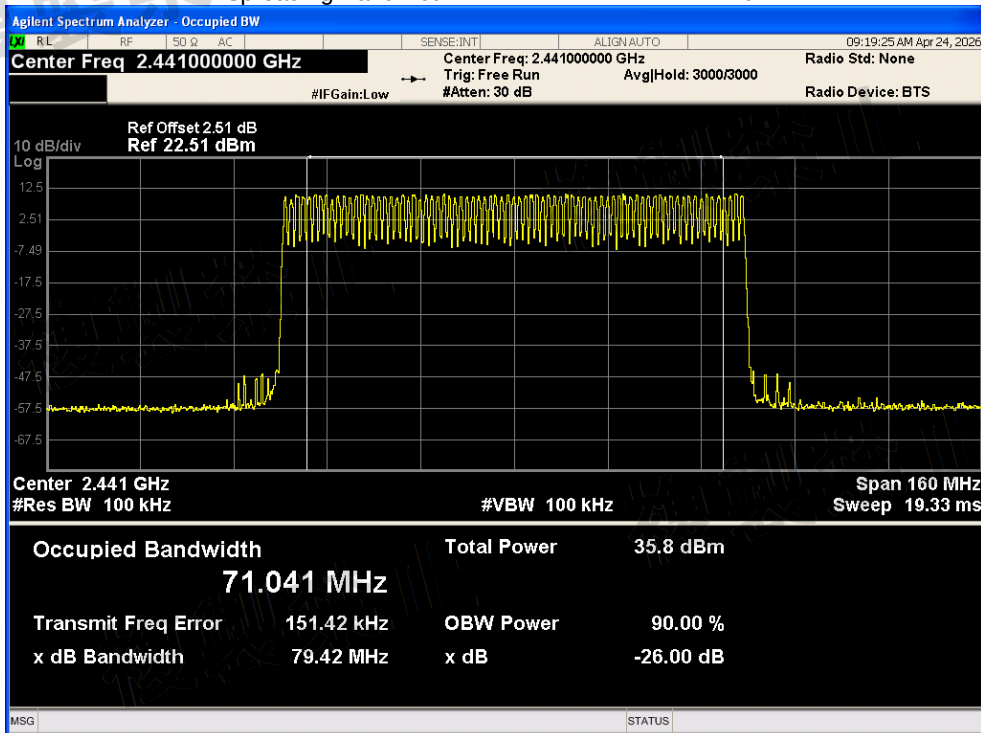
OBW NVNT 3-DH5 2441MHz Ant1



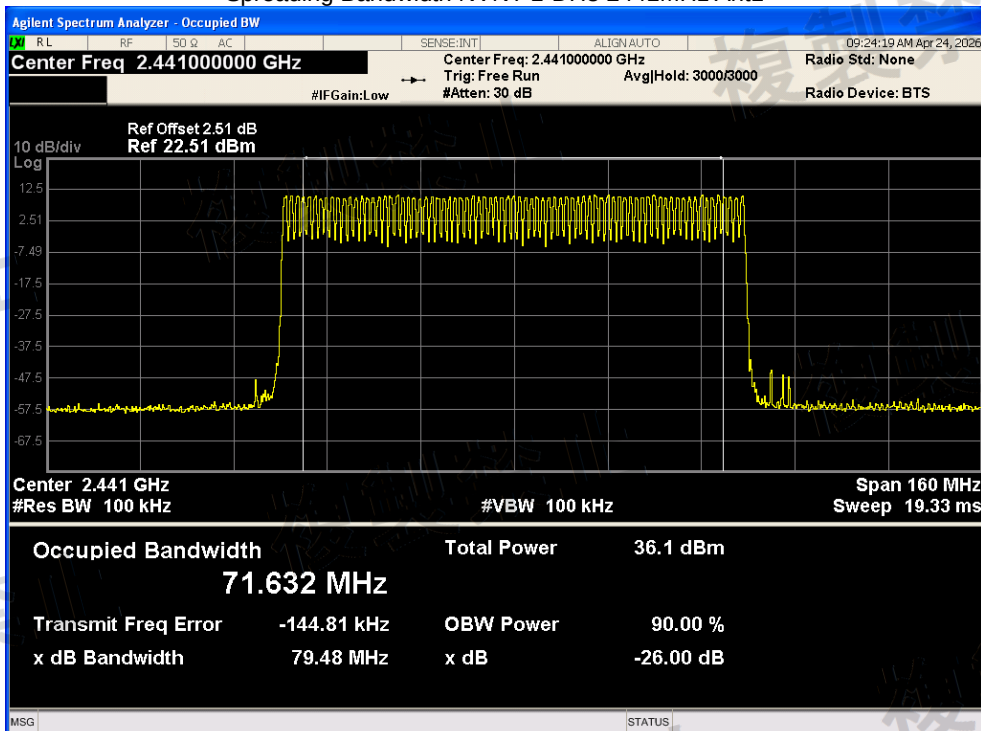
13.2 SPREADING BANDWIDTH

Condition	Mode	Frequency (MHz)	Antenna	90% OBW (MHz)
NVNT	1-DH1	2441	Ant1	71.041
NVNT	1-DH3	2441	Ant1	71.632
NVNT	1-DH5	2441	Ant1	71.6
NVNT	2-DH1	2441	Ant1	71.646
NVNT	2-DH3	2441	Ant1	71.764
NVNT	2-DH5	2441	Ant1	70.53
NVNT	3-DH1	2441	Ant1	71.608
NVNT	3-DH3	2441	Ant1	70.993
NVNT	3-DH5	2441	Ant1	71.339

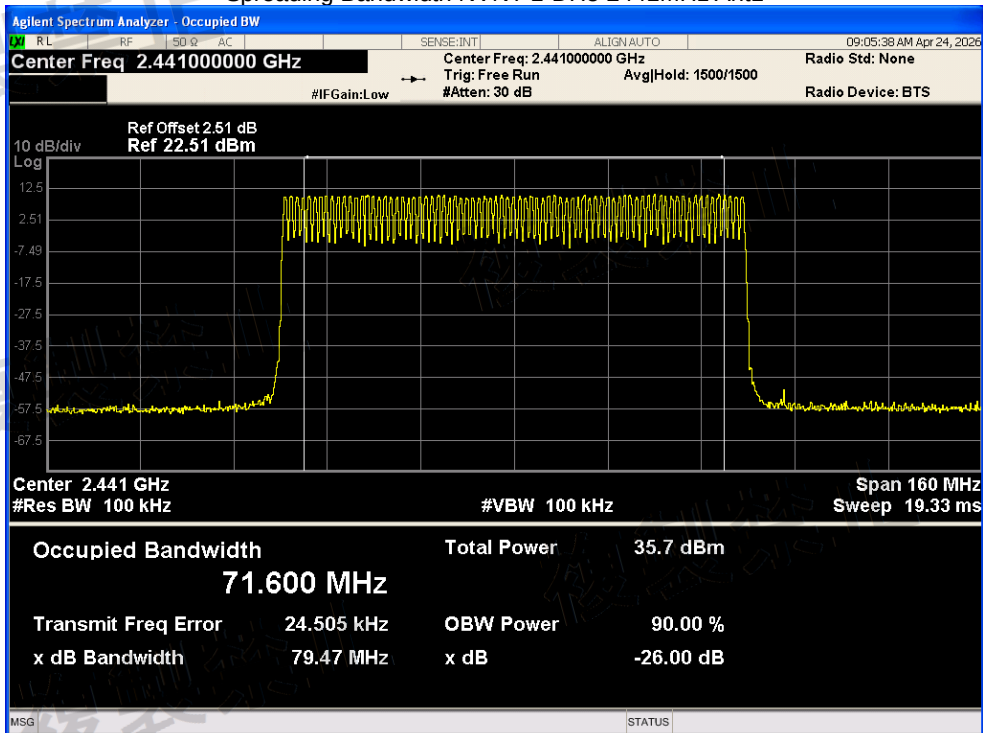
Spreading Bandwidth NVNT 1-DH1 2441MHz Ant1



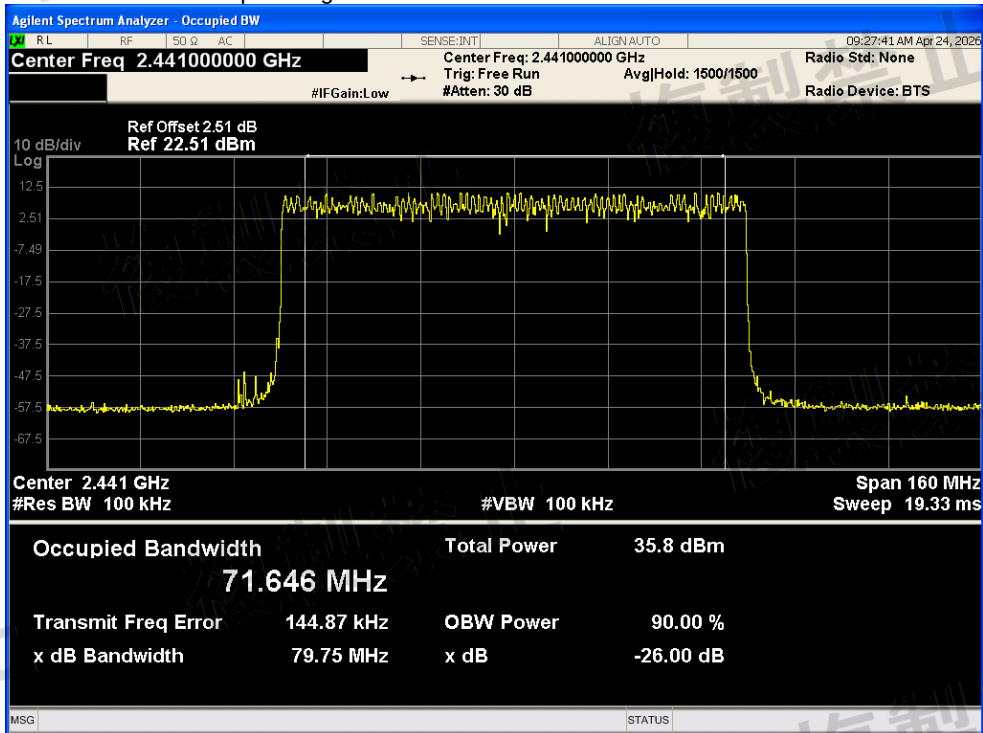
Spreading Bandwidth NVNT 1-DH3 2441MHz Ant1



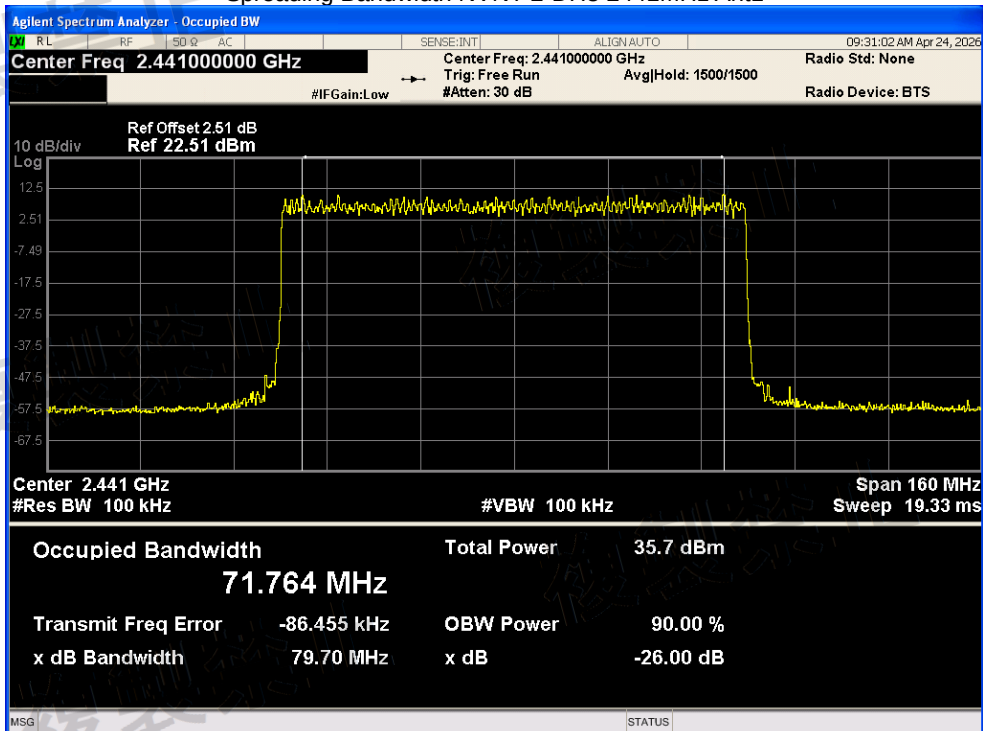
Spreading Bandwidth NVNT 1-DH5 2441MHz Ant1



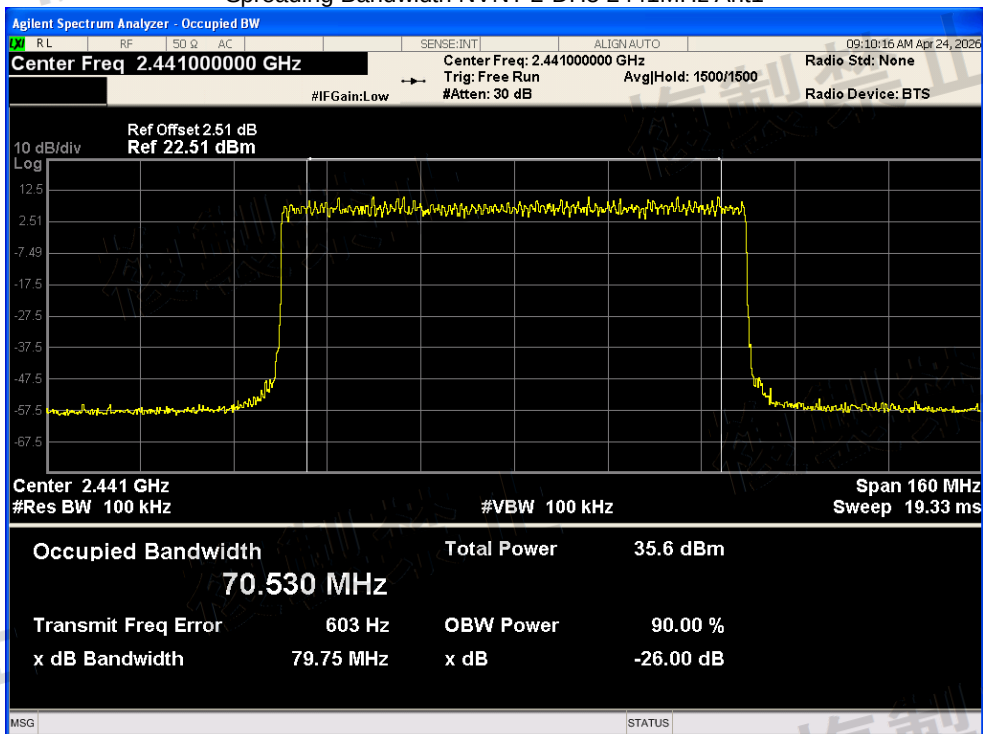
Spreading Bandwidth NVNT 2-DH1 2441MHz Ant1



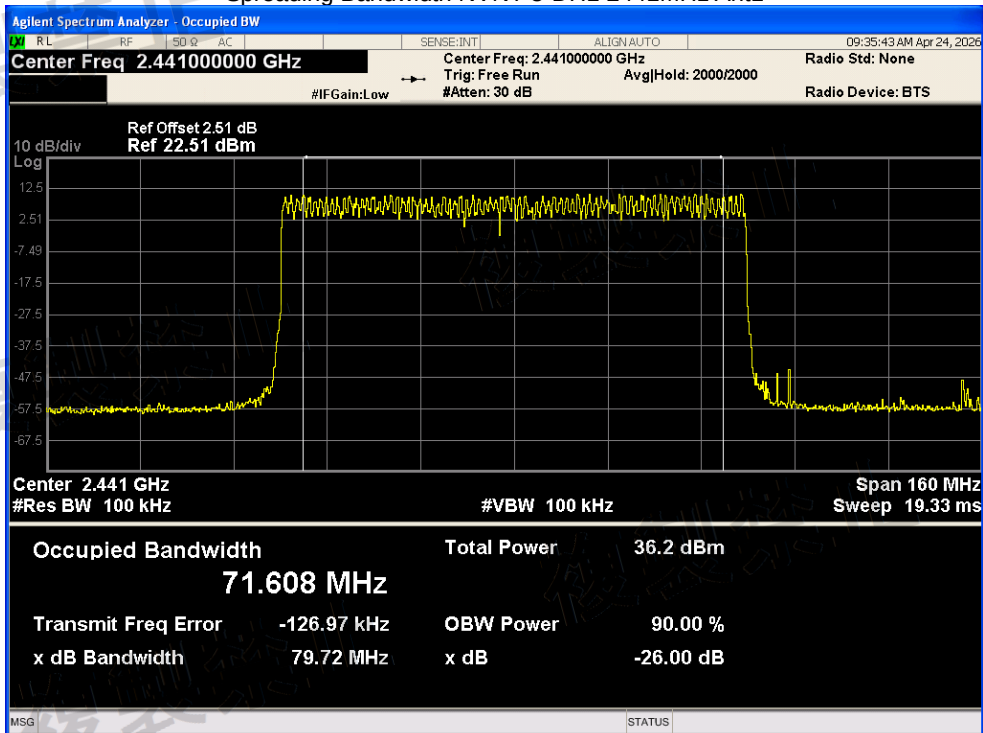
Spreading Bandwidth NVNT 2-DH3 2441MHz Ant1



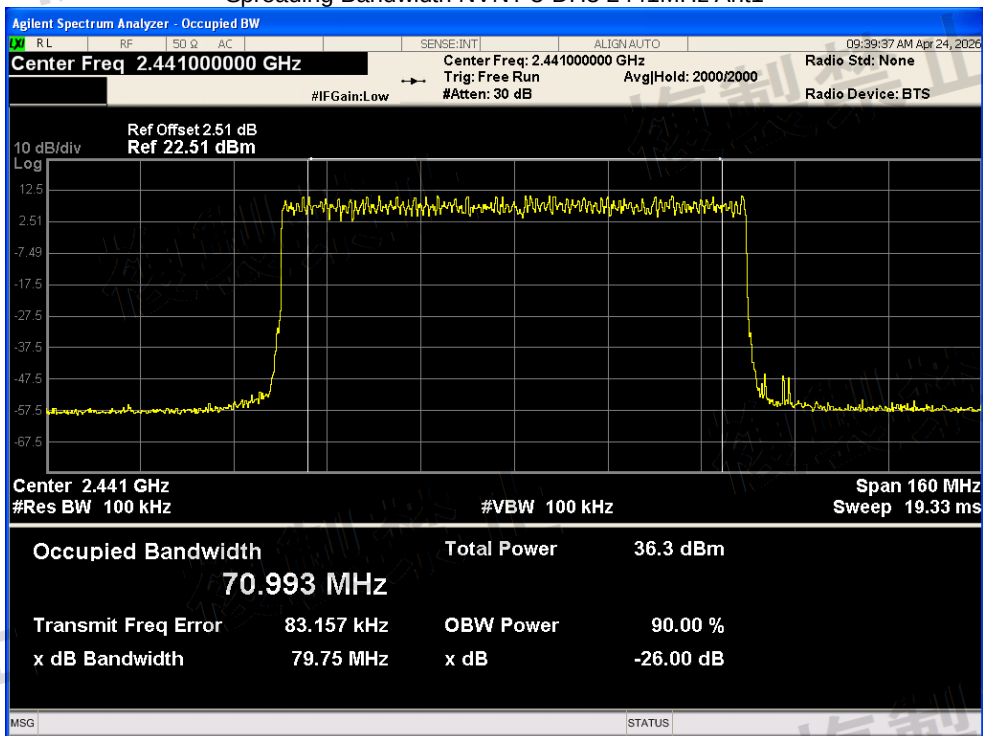
Spreading Bandwidth NVNT 2-DH5 2441MHz Ant1



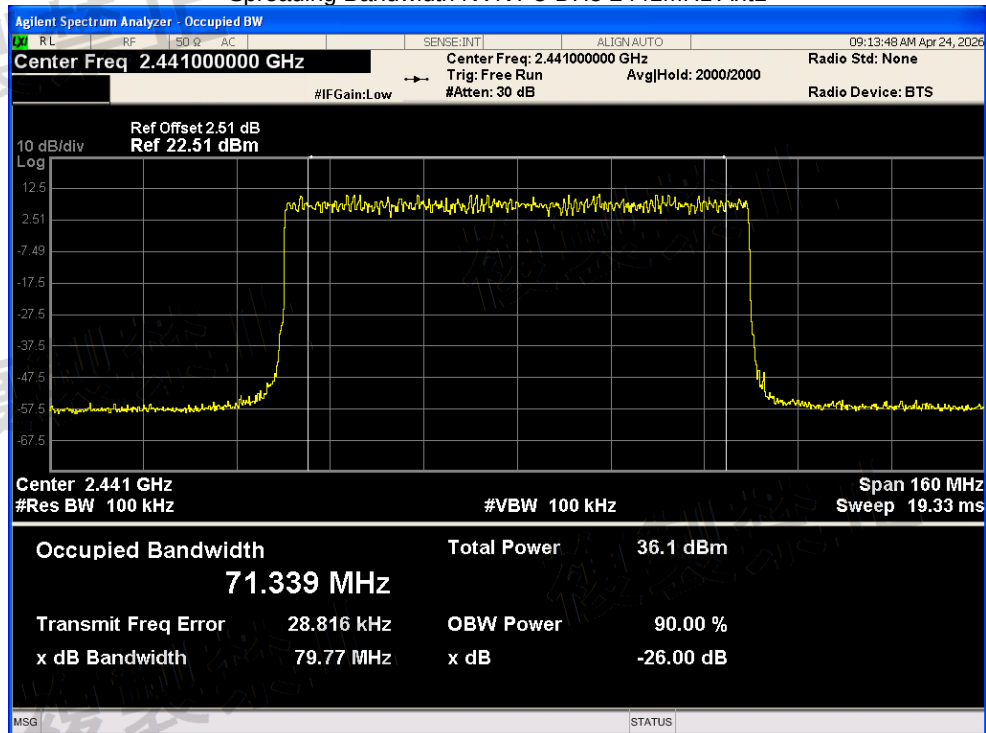
Spreading Bandwidth NVNT 3-DH1 2441MHz Ant1



Spreading Bandwidth NVNT 3-DH3 2441MHz Ant1



Spreading Bandwidth NVNT 3-DH5 2441MHz Ant1



Condition	Mode	Frequency (MHz)	Antenna	Pulse Time (ms)	Total Dwell Time (ms)	Burst Count	Period Time (ms)	Limit (ms)	Verdict
NVNT	1-DH1	2441	Ant1	0.383	122.177	319	31600	400	Pass
NVNT	1-DH3	2441	Ant1	1.64	262.4	160	31600	400	Pass
NVNT	1-DH5	2441	Ant1	2.887	308.909	107	31600	400	Pass
NVNT	2-DH1	2441	Ant1	0.394	126.08	320	31600	400	Pass
NVNT	2-DH3	2441	Ant1	1.639	262.24	160	31600	400	Pass
NVNT	2-DH5	2441	Ant1	2.887	306.022	106	31600	400	Pass
NVNT	3-DH1	2441	Ant1	0.387	123.453	319	31600	400	Pass
NVNT	3-DH3	2441	Ant1	1.638	260.442	159	31600	400	Pass
NVNT	3-DH5	2441	Ant1	2.888	309.016	107	31600	400	Pass

Agilent Spectrum Analyzer - Swept SA

Center Freq 2.441000000 GHz
Res BW 1.0 MHz
Sweep 6.000 ms (10001 pts)

PNO: Fast IF Gain: Low
Trig Delay: -1.000 ms
Trig: Video
#Atten: 30 dB

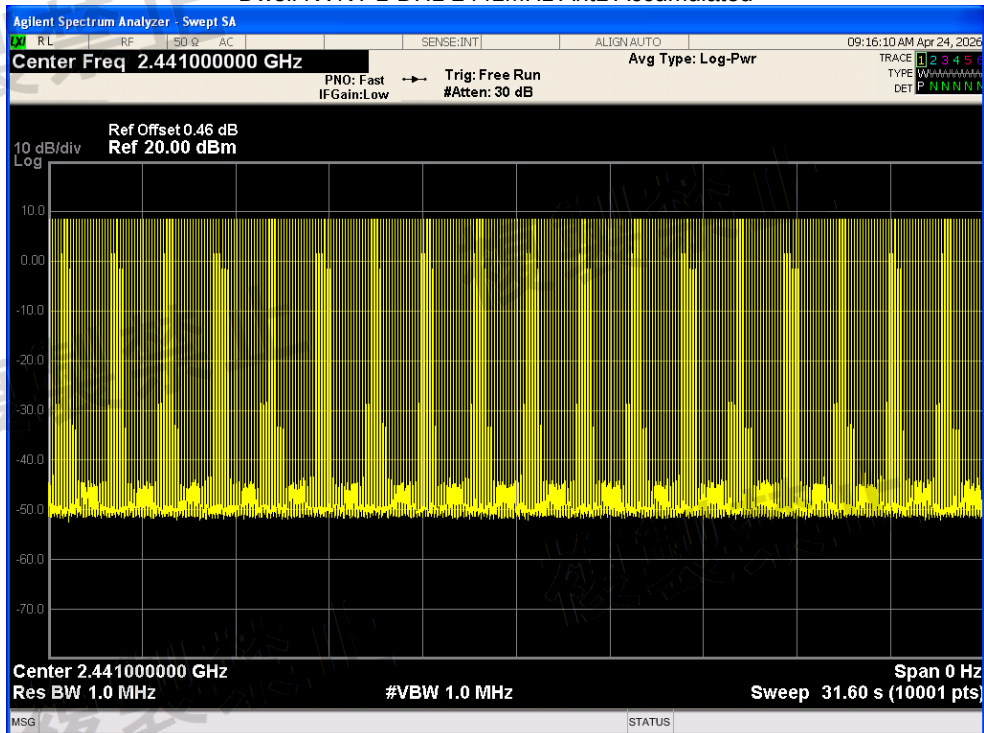
Avg Type: Log-Pwr

Ref Offset 0.46 dB
Ref 20.00 dBm

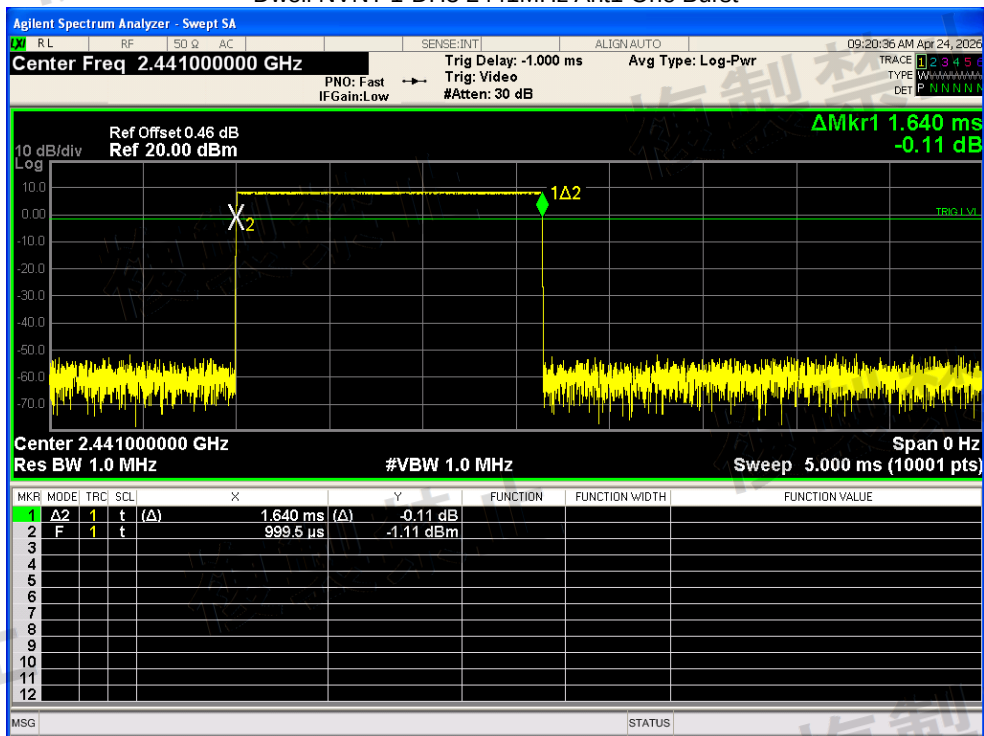
ΔMkr1 383.0 μs
5.35 dB

MKR MODE	TRG	SCL	X	Y	FUNCTION	FUNCTION WIDTH	FUNCTION VALUE
1	Δ2	t	(Δ) 383.0 μs	(Δ) 5.35 dB			
2	F	t	999.6 μs	-0.58 dBm			
3							
4							
5							
6							
7							
8							
9							
10							
11							
12							

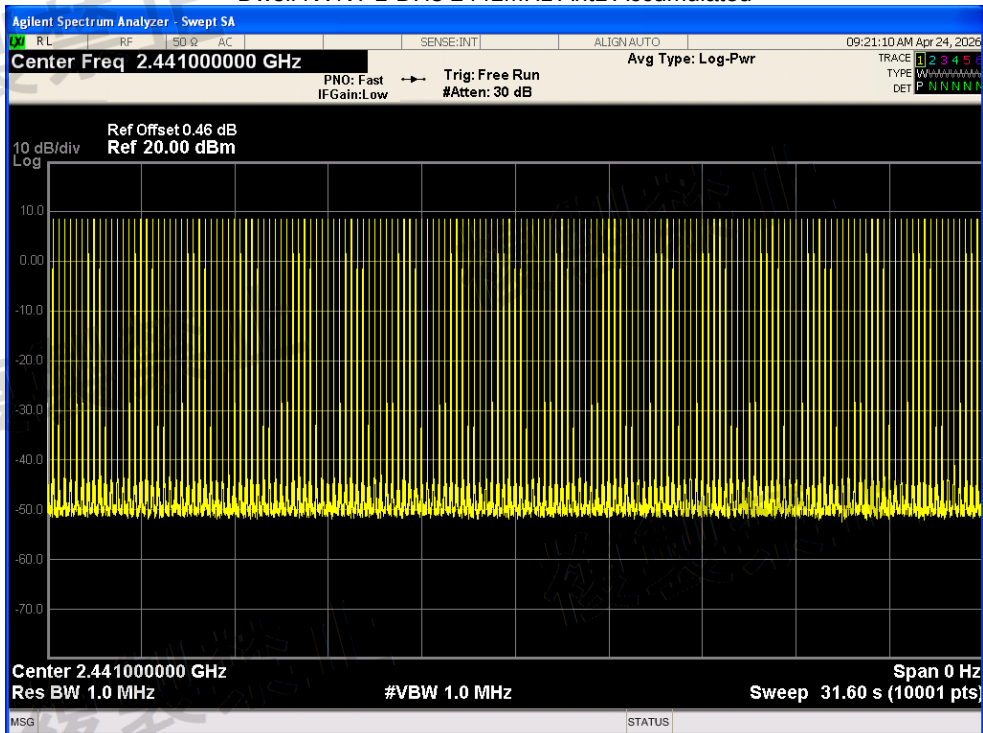
Dwell NVNT 1-DH1 2441MHz Ant1 Accumulated



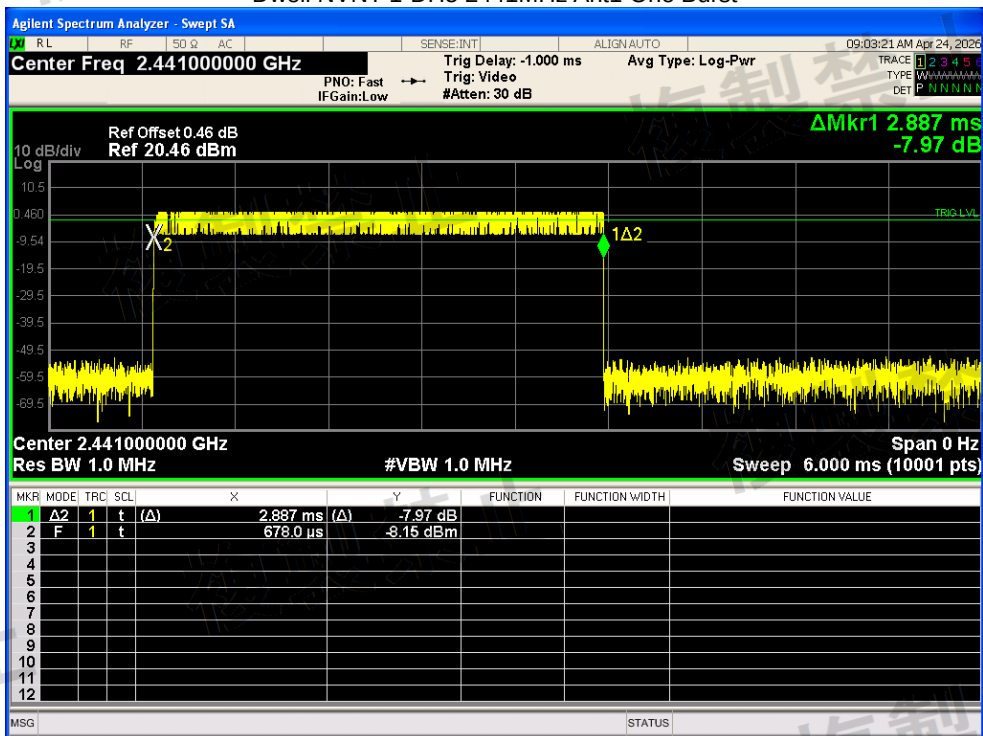
Dwell NVNT 1-DH3 2441MHz Ant1 One Burst



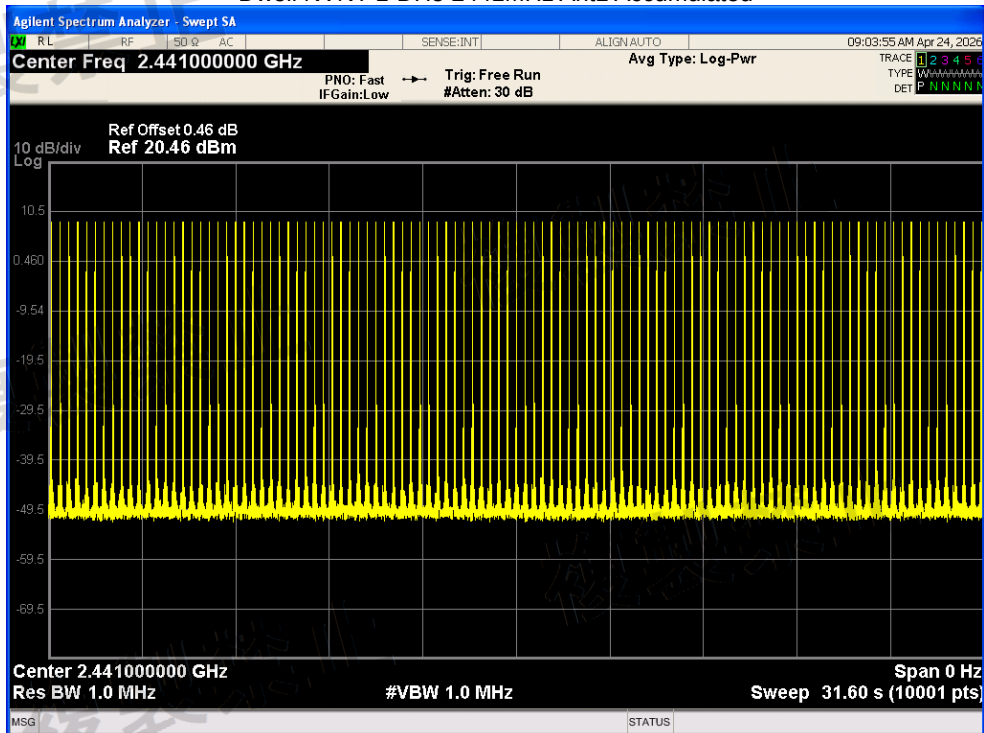
Dwell NVNT 1-DH3 2441MHz Ant1 Accumulated



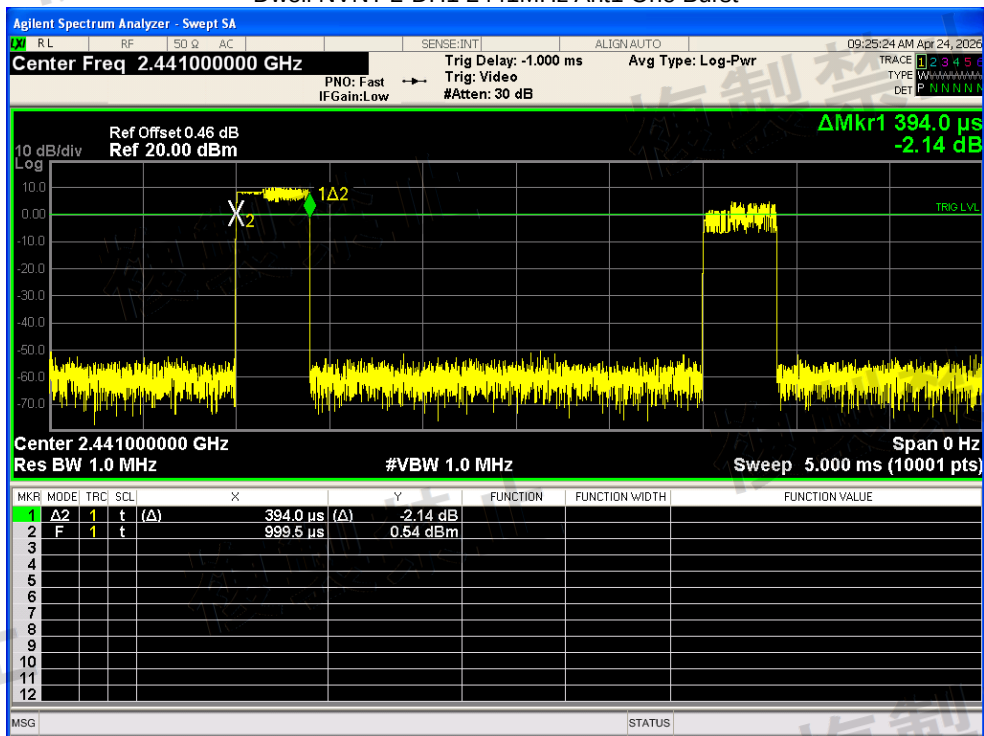
Dwell NVNT 1-DH5 2441MHz Ant1 One Burst



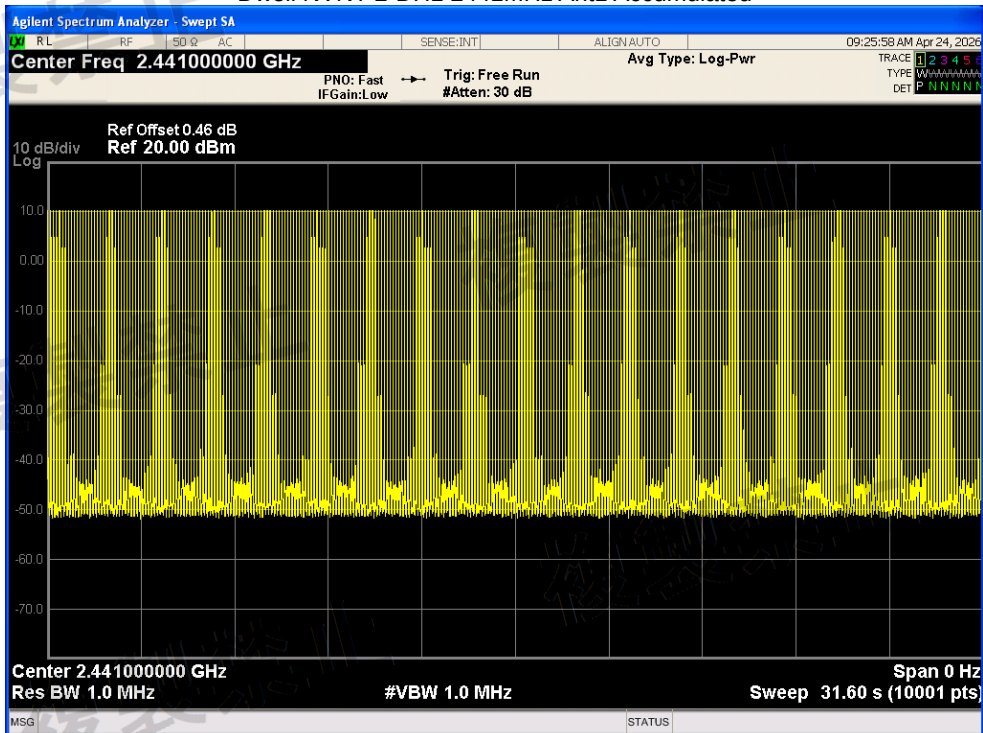
Dwell NVNT 1-DH5 2441MHz Ant1 Accumulated



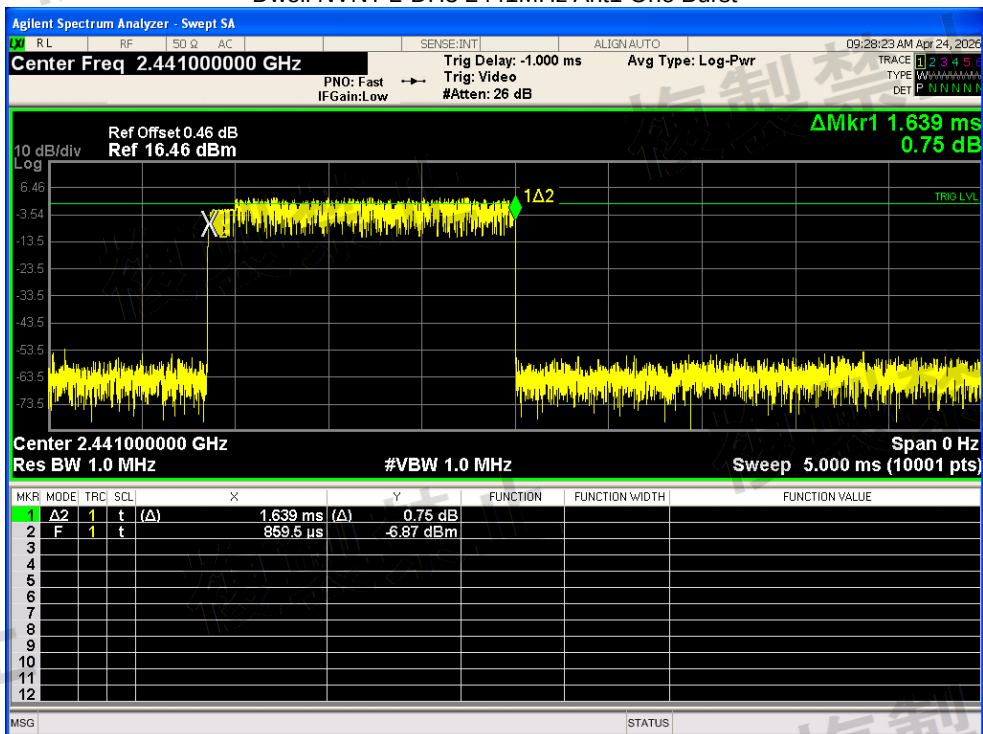
Dwell NVNT 2-DH1 2441MHz Ant1 One Burst



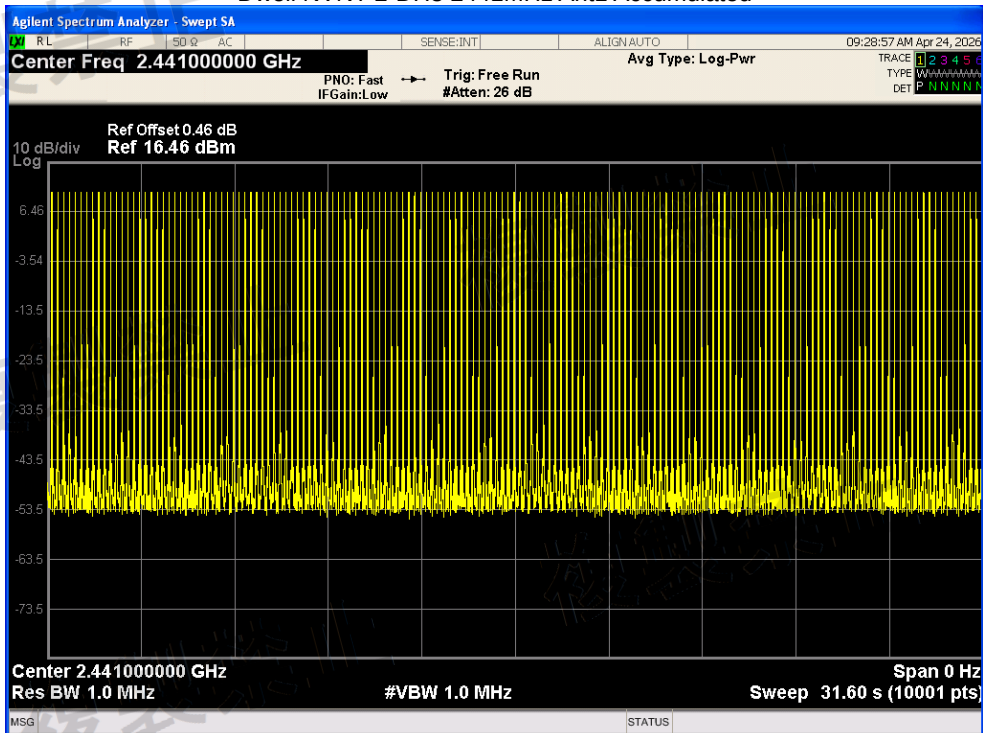
Dwell NVNT 2-DH1 2441MHz Ant1 Accumulated



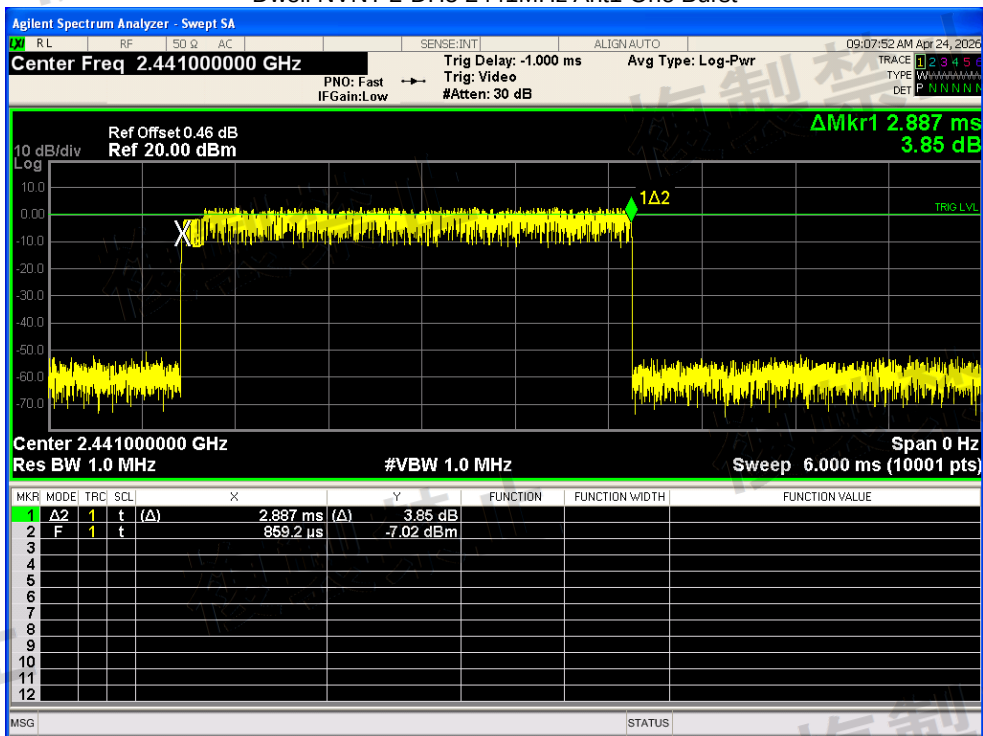
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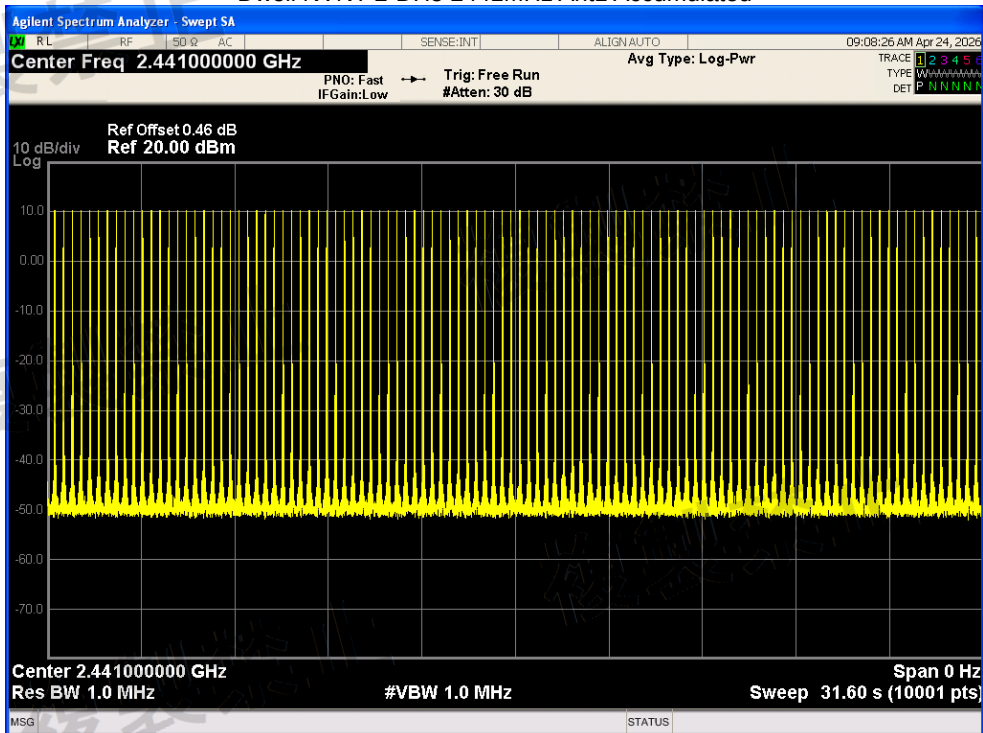
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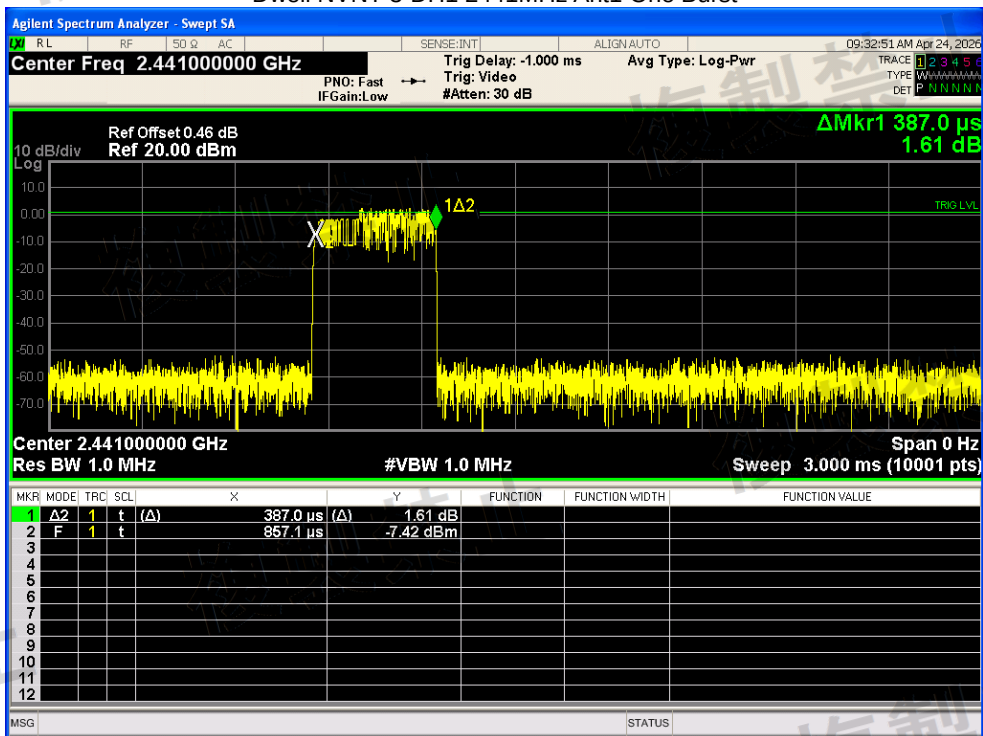
Dwell NVNT 2-DH5 2441MHz Ant1 One Burst



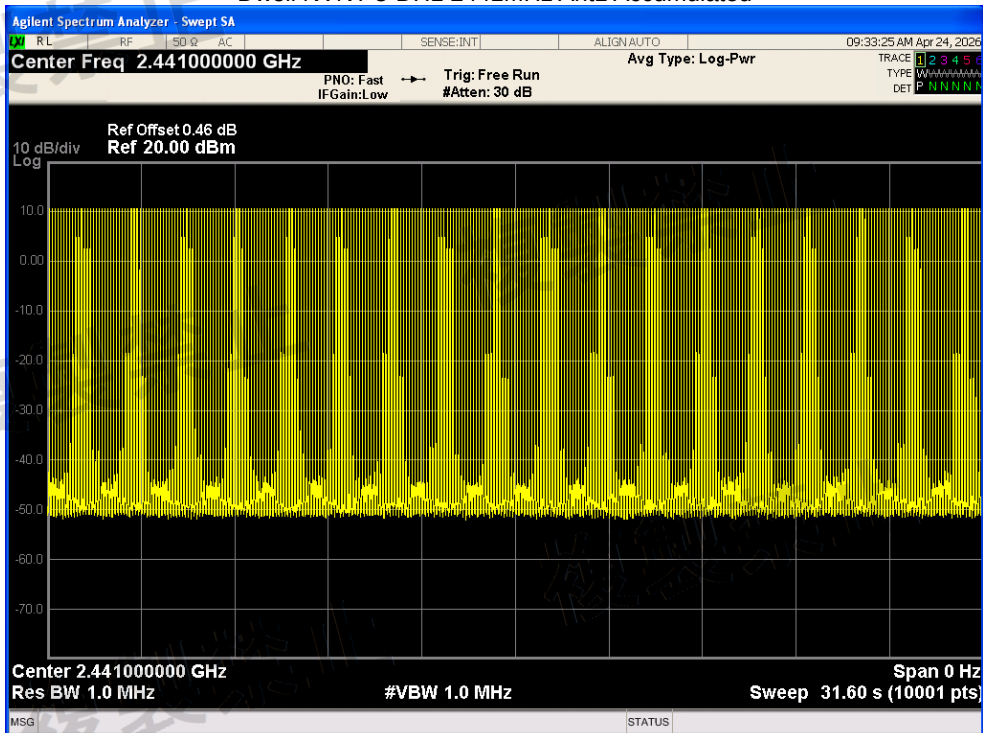
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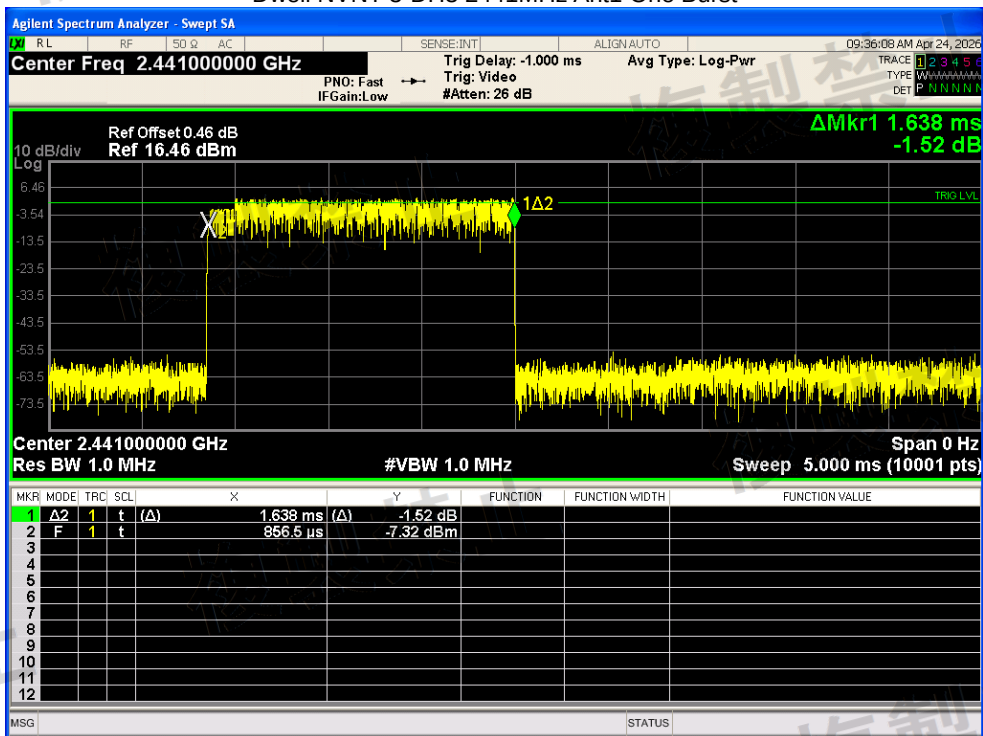
Dwell NVNT 3-DH1 2441MHz Ant1 One Burst



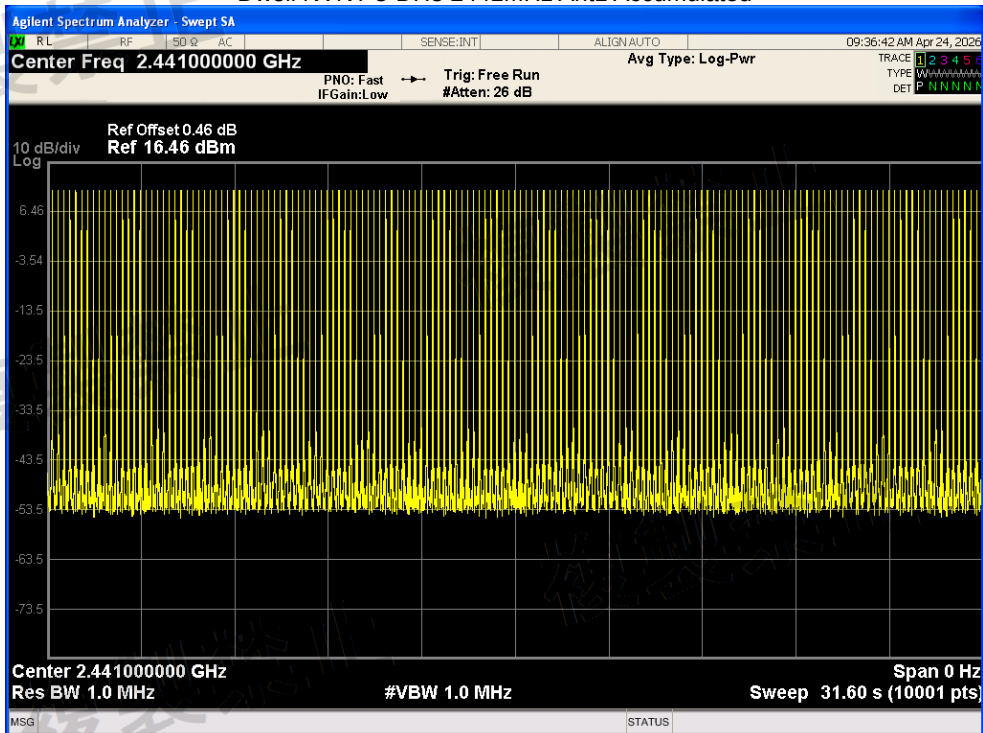
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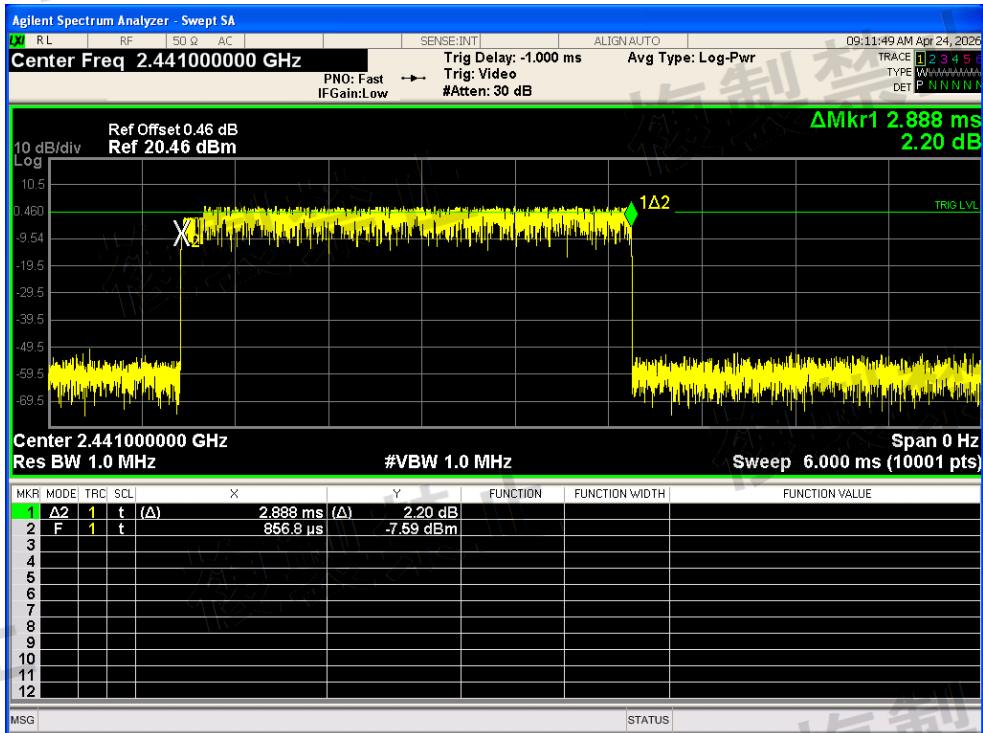
Dwell NVNT 3-DH3 2441MHz Ant1 One Burst



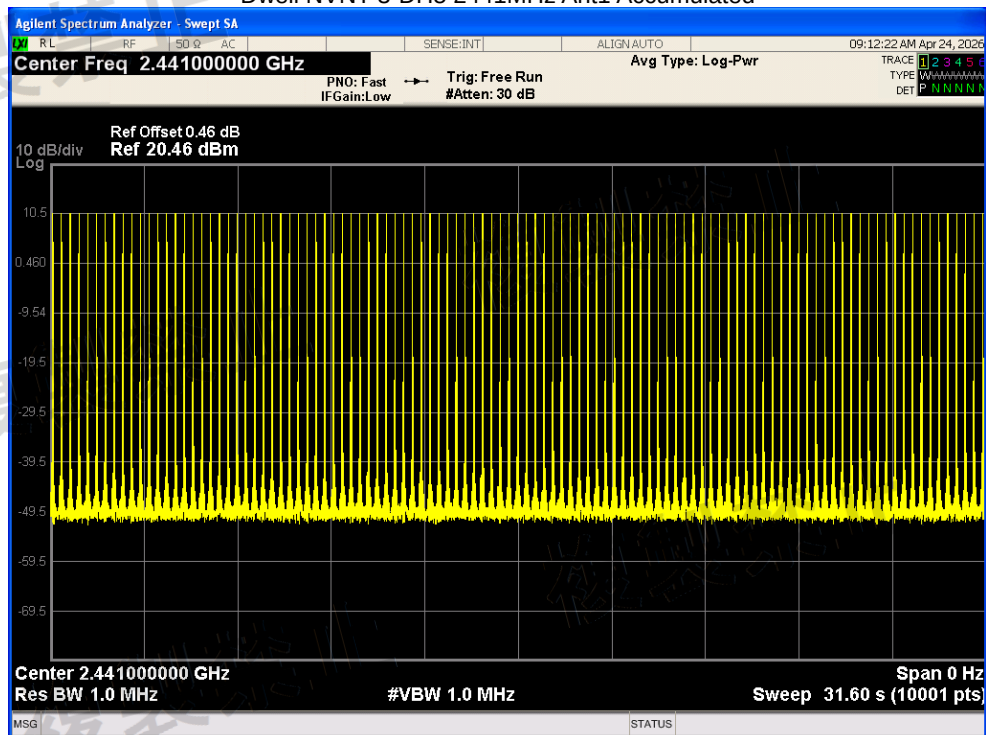
Dwell NVNT 3-DH3 2441MHz Ant1 Accumulated



Dwell NVNT 3-DH5 2441MHz Ant1 One Burst



Dwell NVNT 3-DH5 2441MHz Ant1 Accumulated



13.4 ANTENNA AND EIRP POWER

Condition	Mode	Frequency (MHz)	Antenna	Total FHSS power		Spread bandwidth	Antenna power (mW/MHz)	Declared Power (mW/MHz)	Tolerance (%)	Upper Limit (%)	Verdict
				(dBm)	(mW)						
NVNT	1-DH5	Hopping	Ant1	20.36	108.643	71.041	1.5293	2	-23.54	20	Pass
NVNT	2-DH5	Hopping	Ant1	20.12	102.802	71.646	1.4349	2	-28.26	20	Pass
NVNT	3-DH5	Hopping	Ant1	20.13	103.039	71.608	1.4389	2	-28.05	20	Pass

Note: Antenna Power = Total FHSS Power / Spread bandwidth.

13.5 EIRP POWER

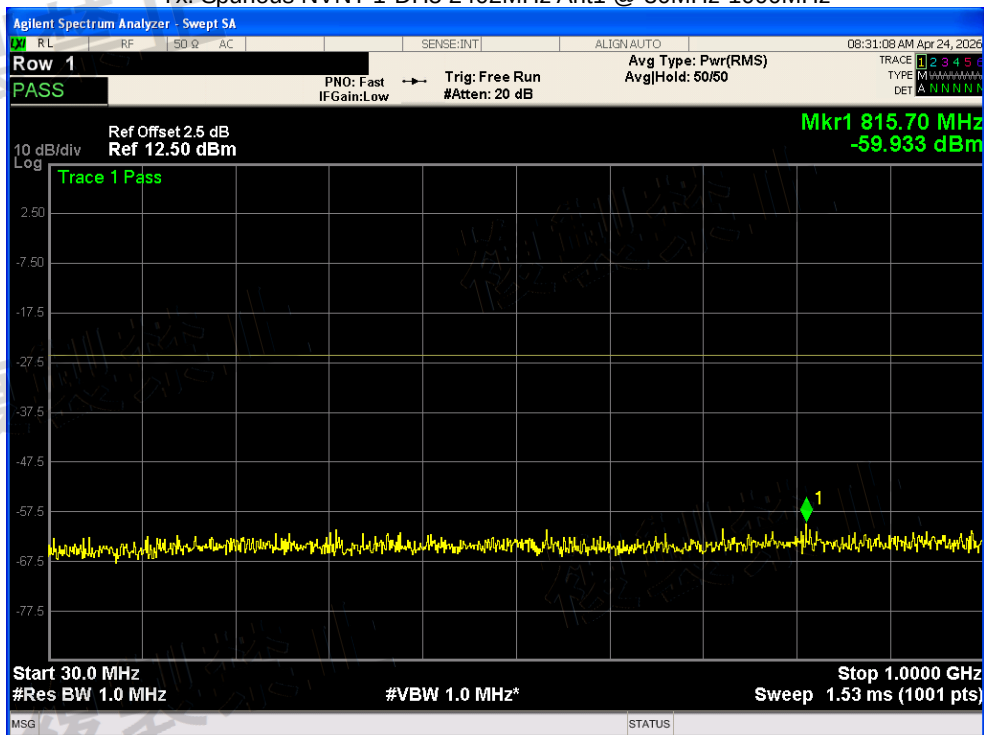
Condition	Mode	Frequency (MHz)	Antenna	Antenna Power (mW/MHz)	Gain (dBi)	EIRP Power (dBm/MHz)	Limit (dBm/MHz)	Verdict
NVNT	1-DH5	Hopping	Ant1	1.5293	1.42	3.265	6.91	Pass
NVNT	2-DH5	Hopping	Ant1	1.4349	1.42	2.988	6.91	Pass
NVNT	3-DH5	Hopping	Ant1	1.4389	1.42	3.000	6.91	Pass

Note: EIRP Power = Antenna Power + Antenna gain

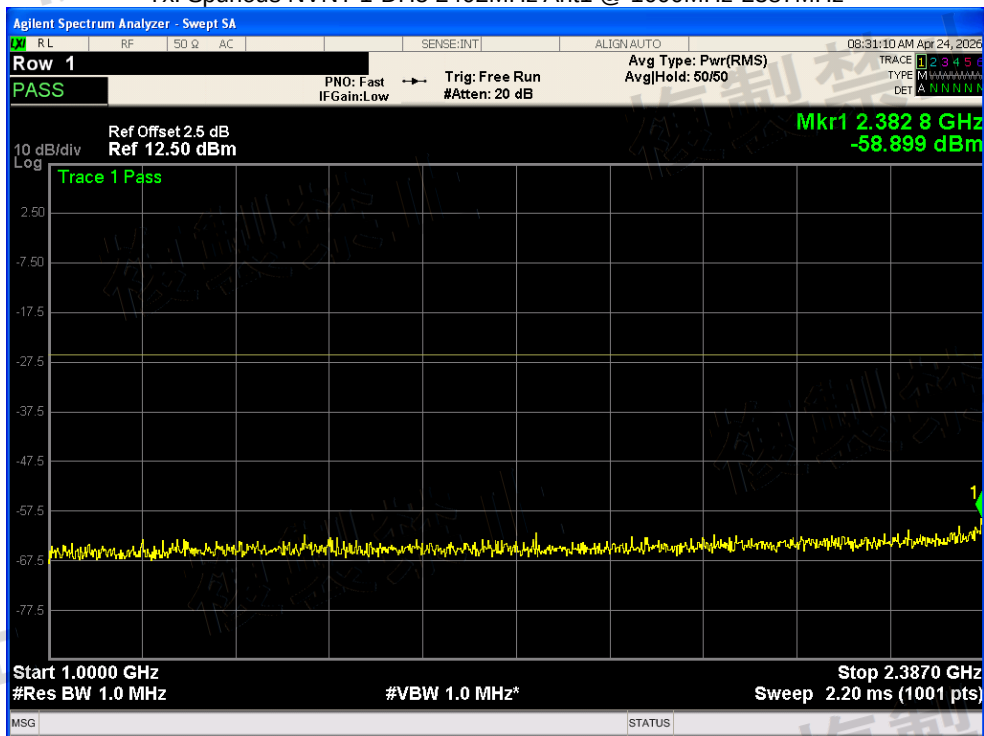
13.6 TX SPURIOUS EMISSION

Condition	Mode	Frequency (MHz)	Antenna	Range (MHz)	Emission Frequency (MHz)	Max Value (dBm)	Max Value (uW)	Limit Start (uW)	Limit Stop (uW)	Verdict
NVNT	1-DH5	2402	Ant1	30-1000	815.7	-59.93	0.001	2.5	2.5	Pass
NVNT	1-DH5	2402	Ant1	1000-2387	2382.84	-58.89	0.0013	2.5	2.5	Pass
NVNT	1-DH5	2402	Ant1	2387-2400	2399.99	-36.89	0.2046	25	25	Pass
NVNT	1-DH5	2402	Ant1	2483.5-2496.5	2495.99	-58.42	0.0014	25	25	Pass
NVNT	1-DH5	2402	Ant1	2496.5-13000	4807.27	-53.63	0.0043	2.5	2.5	Pass
NVNT	1-DH5	2441	Ant1	30-1000	927.25	-60.29	0.0009	2.5	2.5	Pass
NVNT	1-DH5	2441	Ant1	1000-2387	2256.62	-60.77	0.0008	2.5	2.5	Pass
NVNT	1-DH5	2441	Ant1	2387-2400	2392.34	-58.96	0.0013	25	25	Pass
NVNT	1-DH5	2441	Ant1	2483.5-2496.5	2494.54	-58.44	0.0014	25	25	Pass
NVNT	1-DH5	2441	Ant1	2496.5-13000	4880.79	-53.73	0.0042	2.5	2.5	Pass
NVNT	1-DH5	2480	Ant1	30-1000	931.13	-60.21	0.001	2.5	2.5	Pass
NVNT	1-DH5	2480	Ant1	1000-2387	2327.36	-60.51	0.0009	2.5	2.5	Pass
NVNT	1-DH5	2480	Ant1	2387-2400	2396.67	-59.7	0.0011	25	25	Pass
NVNT	1-DH5	2480	Ant1	2483.5-2496.5	2484.16	-49.18	0.0121	25	25	Pass
NVNT	1-DH5	2480	Ant1	2496.5-13000	7443.65	-53.06	0.0049	2.5	2.5	Pass
NVNT	2-DH5	2402	Ant1	30-1000	926.28	-60.57	0.0009	2.5	2.5	Pass
NVNT	2-DH5	2402	Ant1	1000-2387	2387	-56.81	0.0021	2.5	2.5	Pass
NVNT	2-DH5	2402	Ant1	2387-2400	2400	-28.37	1.4555	25	25	Pass
NVNT	2-DH5	2402	Ant1	2483.5-2496.5	2494.76	-58.74	0.0013	25	25	Pass
NVNT	2-DH5	2402	Ant1	2496.5-13000	4807.27	-53.43	0.0045	2.5	2.5	Pass
NVNT	2-DH5	2441	Ant1	30-1000	776.9	-59.79	0.001	2.5	2.5	Pass
NVNT	2-DH5	2441	Ant1	1000-2387	2384.23	-60.11	0.001	2.5	2.5	Pass
NVNT	2-DH5	2441	Ant1	2387-2400	2394.45	-59.11	0.0012	25	25	Pass
NVNT	2-DH5	2441	Ant1	2483.5-2496.5	2487.89	-58.69	0.0014	25	25	Pass
NVNT	2-DH5	2441	Ant1	2496.5-13000	4880.79	-53.92	0.0041	2.5	2.5	Pass
NVNT	2-DH5	2480	Ant1	30-1000	821.52	-60.43	0.0009	2.5	2.5	Pass
NVNT	2-DH5	2480	Ant1	1000-2387	2264.94	-61.07	0.0008	2.5	2.5	Pass
NVNT	2-DH5	2480	Ant1	2387-2400	2393.68	-59.45	0.0011	25	25	Pass
NVNT	2-DH5	2480	Ant1	2483.5-2496.5	2483.85	-47.2	0.0191	25	25	Pass
NVNT	2-DH5	2480	Ant1	2496.5-13000	7443.65	-52.44	0.0057	2.5	2.5	Pass
NVNT	2-DH5	2402	Ant1	30-1000	862.26	-60.64	0.0009	2.5	2.5	Pass
NVNT	3-DH5	2402	Ant1	1000-2387	2387	-57.77	0.0017	2.5	2.5	Pass
NVNT	3-DH5	2402	Ant1	2387-2400	2400	-28.56	1.3932	25	25	Pass
NVNT	3-DH5	2402	Ant1	2483.5-2496.5	2495.98	-58.93	0.0013	25	25	Pass
NVNT	3-DH5	2402	Ant1	2496.5-13000	4807.27	-53.45	0.0045	2.5	2.5	Pass
NVNT	3-DH5	2441	Ant1	30-1000	955.38	-60.74	0.0008	2.5	2.5	Pass
NVNT	3-DH5	2441	Ant1	1000-2387	2278.81	-61.22	0.0008	2.5	2.5	Pass
NVNT	3-DH5	2441	Ant1	2387-2400	2393.99	-58.87	0.0013	25	25	Pass
NVNT	3-DH5	2441	Ant1	2483.5-2496.5	2487.05	-58.27	0.0015	25	25	Pass
NVNT	3-DH5	2441	Ant1	2496.5-13000	4880.79	-54.14	0.0039	2.5	2.5	Pass
NVNT	3-DH5	2480	Ant1	30-1000	806.97	-60.98	0.0008	2.5	2.5	Pass
NVNT	3-DH5	2480	Ant1	1000-2387	2373.13	-60.24	0.0009	2.5	2.5	Pass
NVNT	3-DH5	2480	Ant1	2387-2400	2396.69	-58.6	0.0014	25	25	Pass
NVNT	3-DH5	2480	Ant1	2483.5-2496.5	2483.8	-43.23	0.0475	25	25	Pass
NVNT	3-DH5	2480	Ant1	2496.5-13000	7443.65	-53.55	0.0044	2.5	2.5	Pass

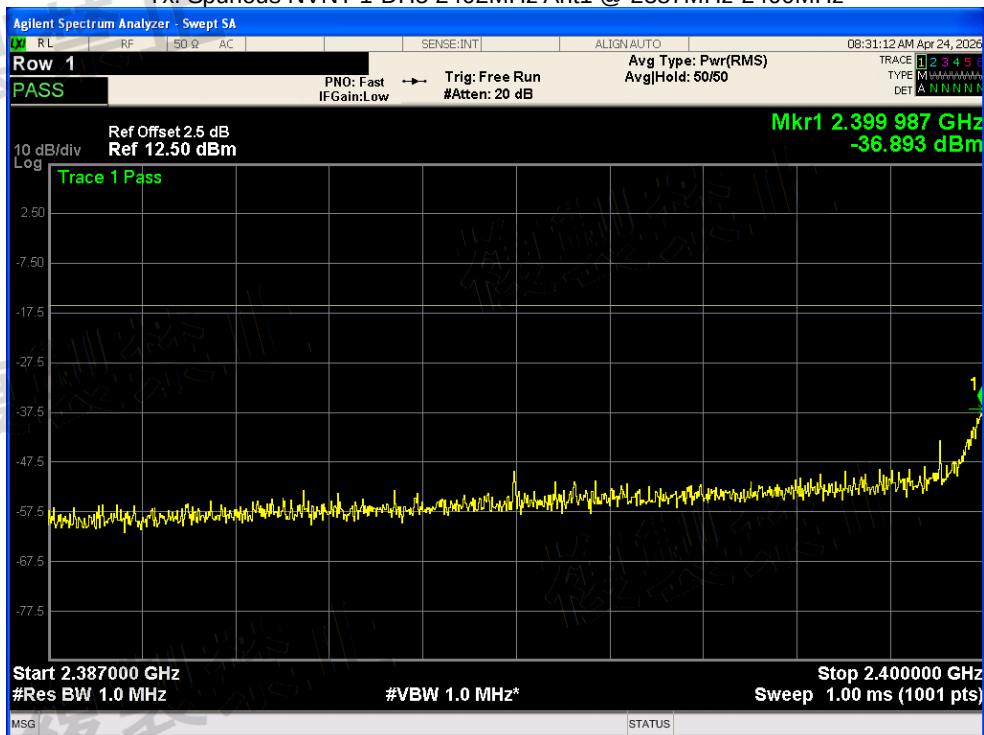
Tx. Spurious NVNT 1-DH5 2402MHz Ant1 @ 30MHz-1000MHz



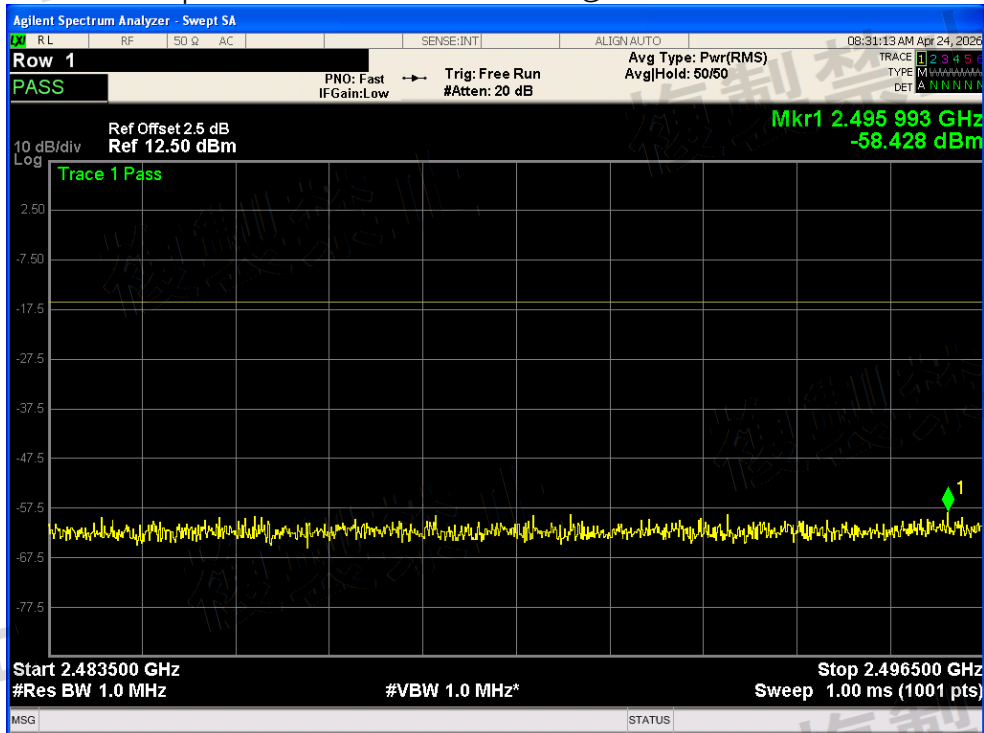
Tx. Spurious NVNT 1-DH5 2402MHz Ant1 @ 1000MHz-2387MHz



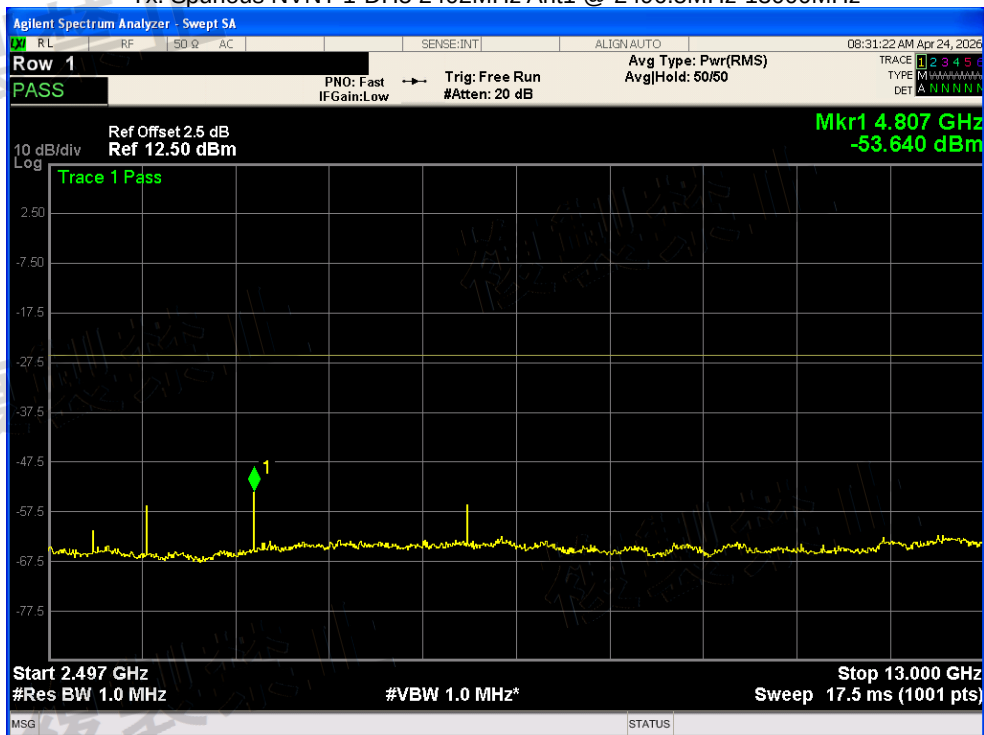
Tx. Spurious NVNT 1-DH5 2402MHz Ant1 @ 2387MHz-2400MHz



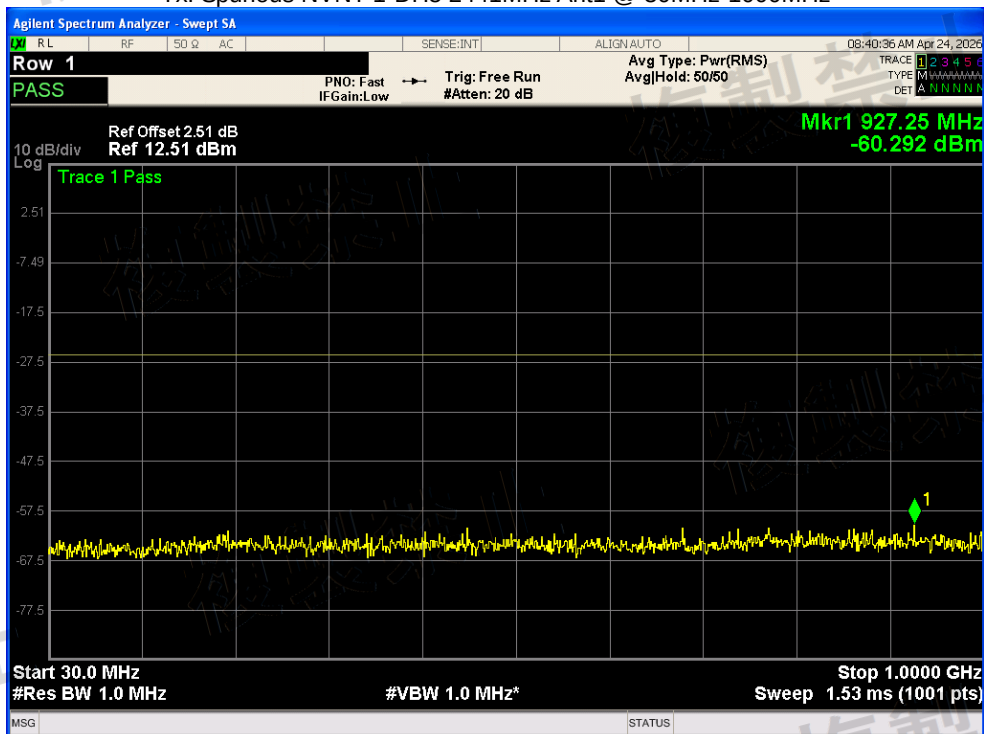
Tx. Spurious NVNT 1-DH5 2402MHz Ant1 @ 2483.5MHz-2496.5MHz



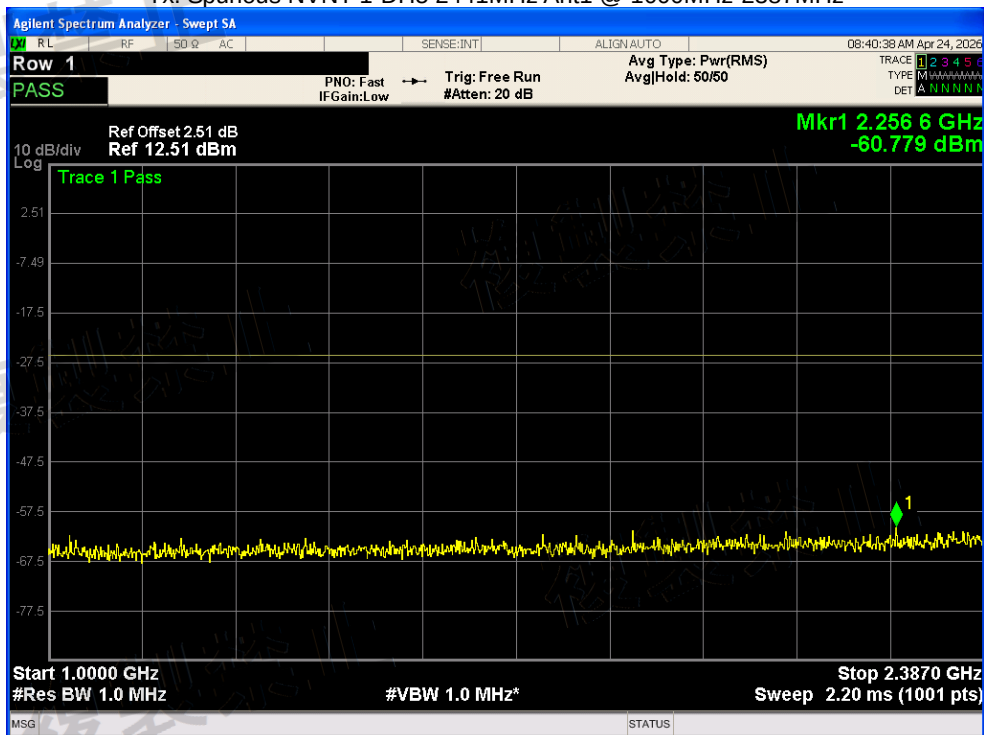
Tx. Spurious NVNT 1-DH5 2402MHz Ant1 @ 2496.5MHz-13000MHz



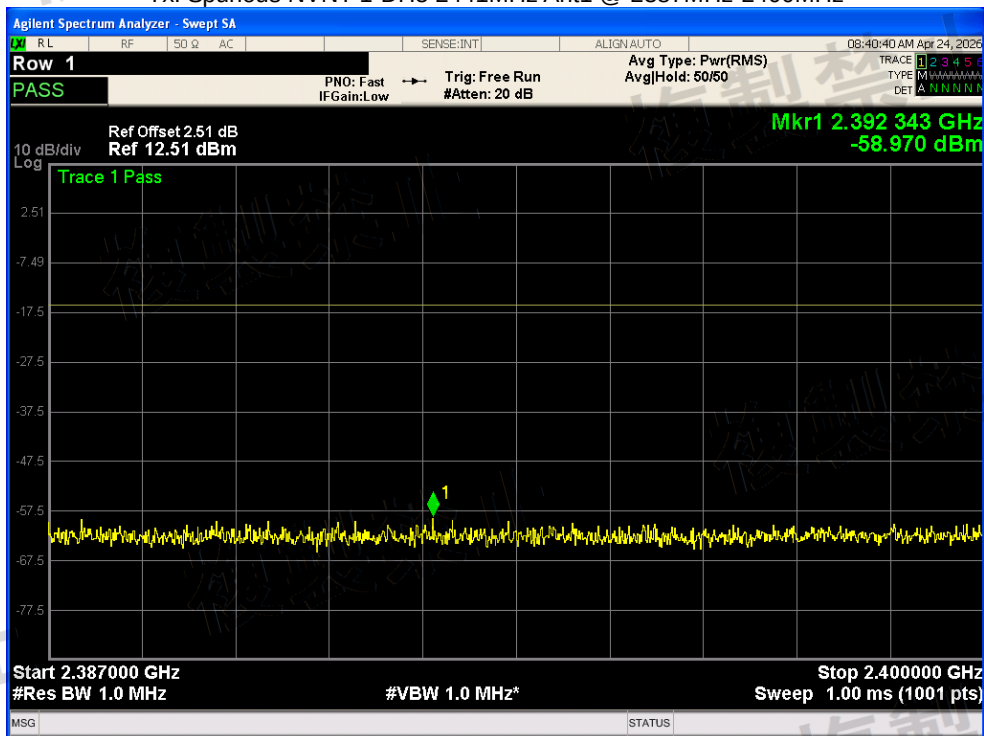
Tx. Spurious NVNT 1-DH5 2441MHz Ant1 @ 30MHz-1000MHz



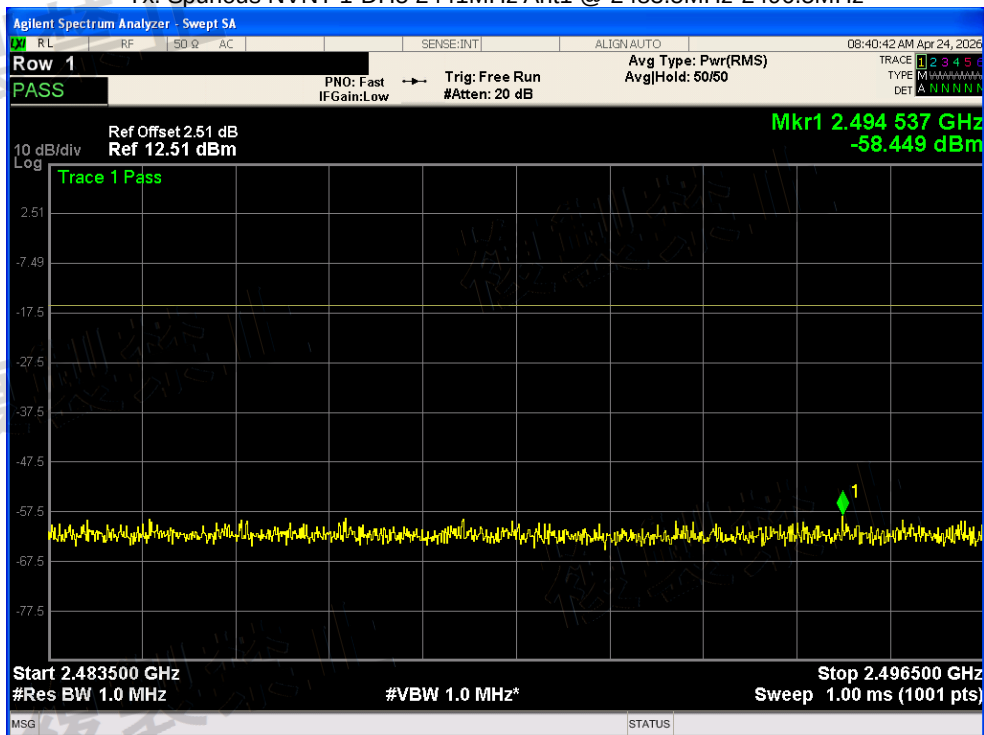
Tx. Spurious NVNT 1-DH5 2441MHz Ant1 @ 1000MHz-2387MHz



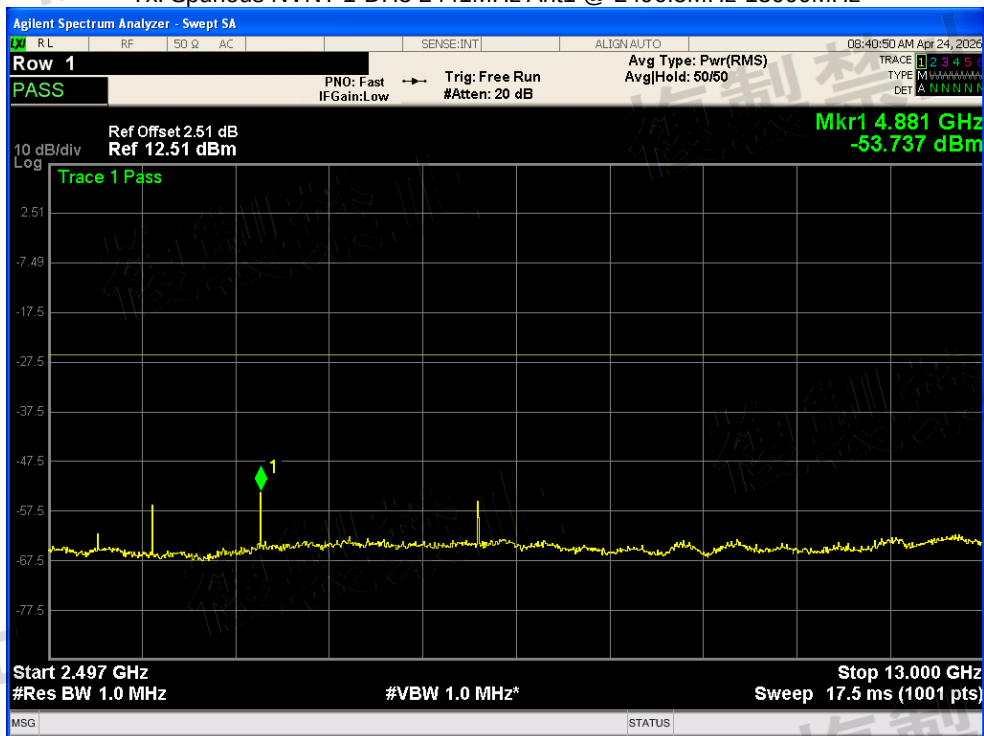
Tx. Spurious NVNT 1-DH5 2441MHz Ant1 @ 2387MHz-2400MHz



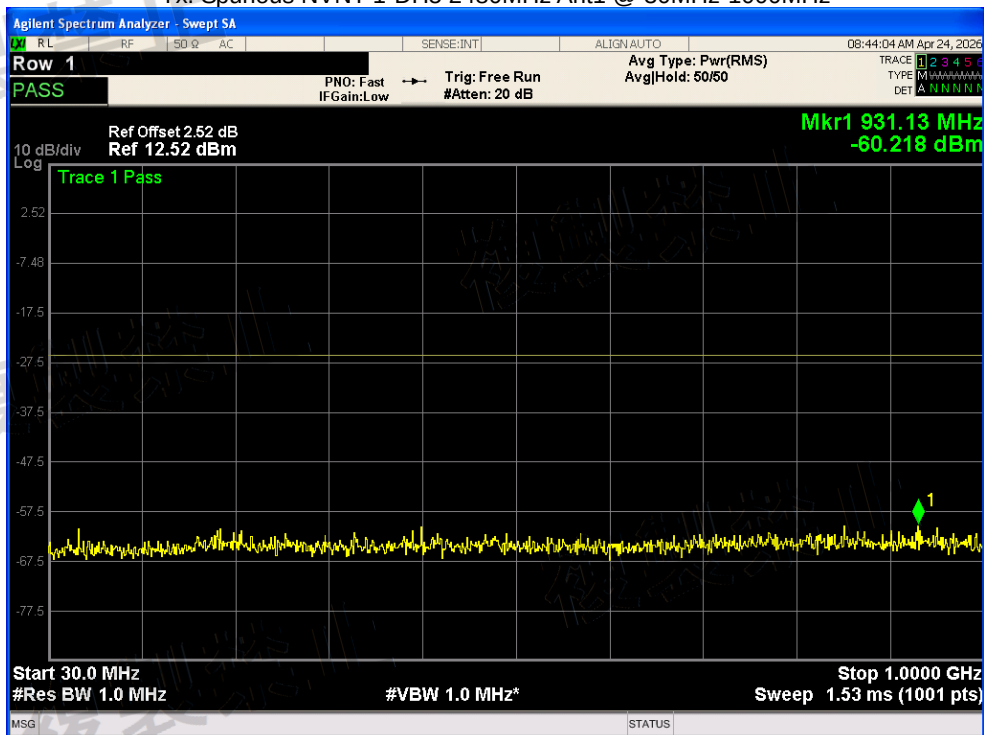
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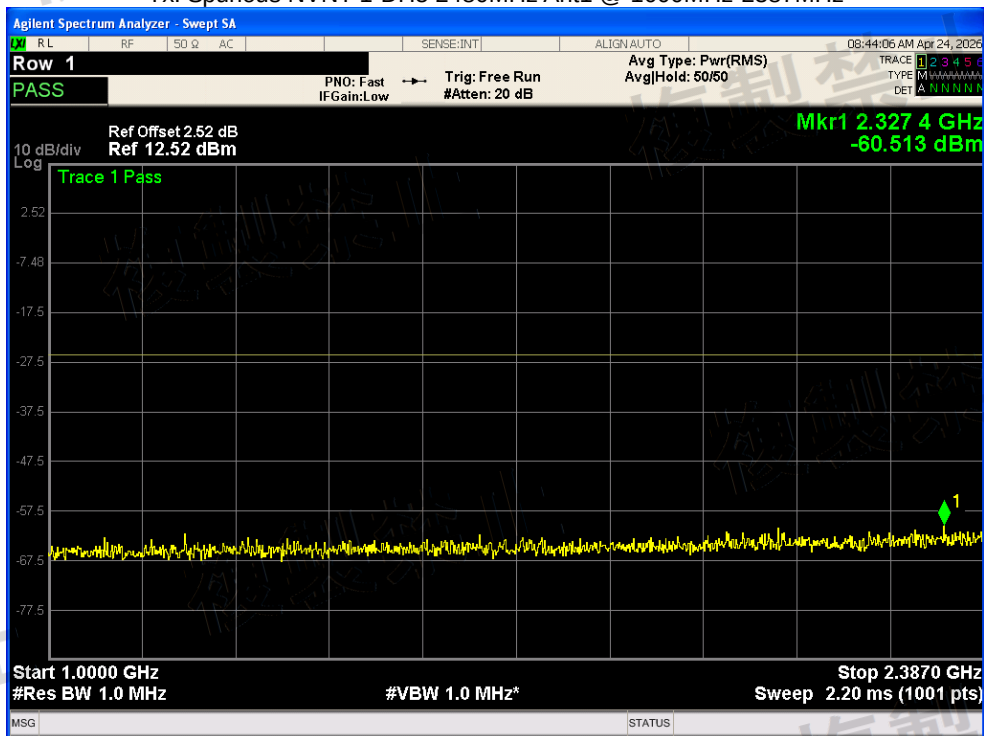
Tx. Spurious NVNT 1-DH5 2441MHz Ant1 @ 2496.5MHz-13000MHz



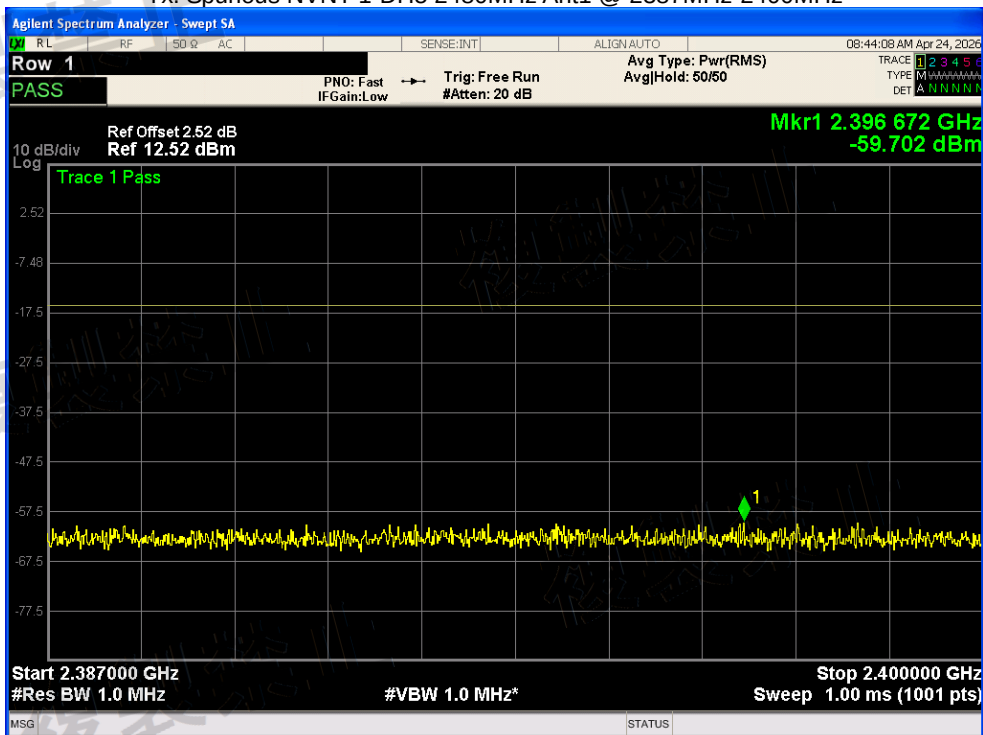
Tx. Spurious NVNT 1-DH5 2480MHz Ant1 @ 30MHz-1000MHz



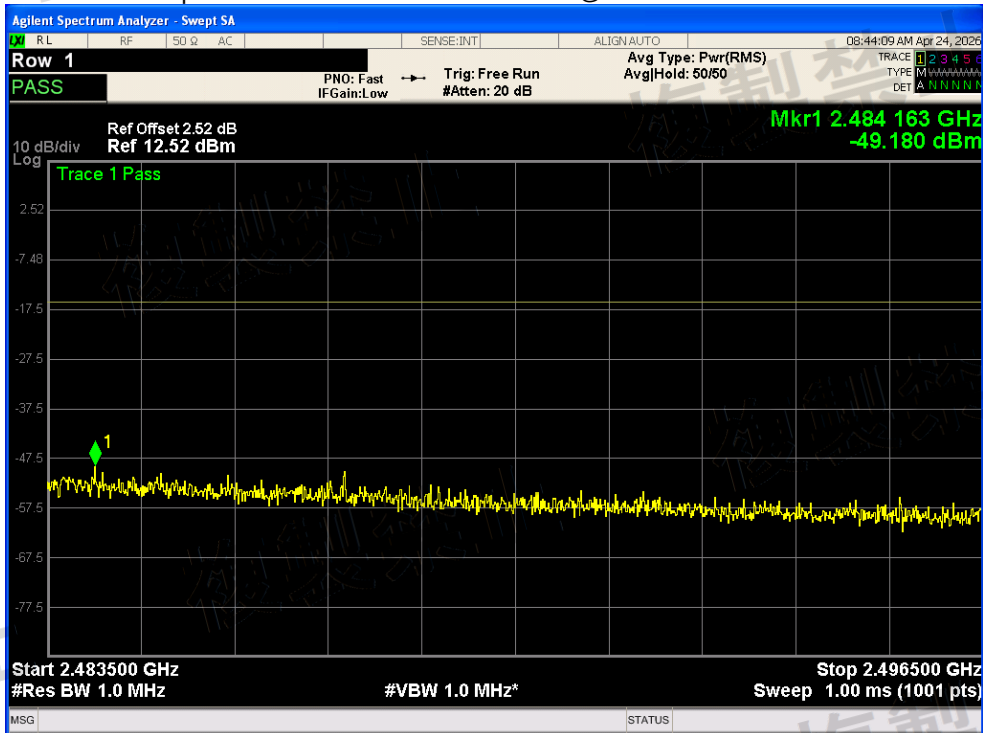
Tx. Spurious NVNT 1-DH5 2480MHz Ant1 @ 1000MHz-2387MHz



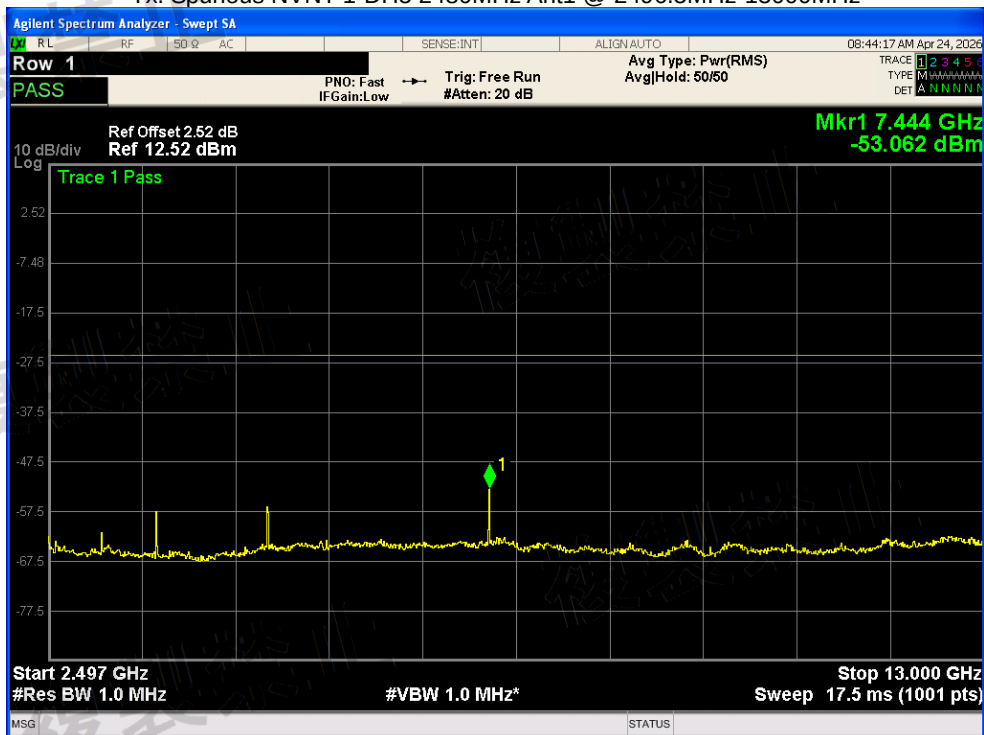
Tx. Spurious NVNT 1-DH5 2480MHz Ant1 @ 2387MHz-2400MHz



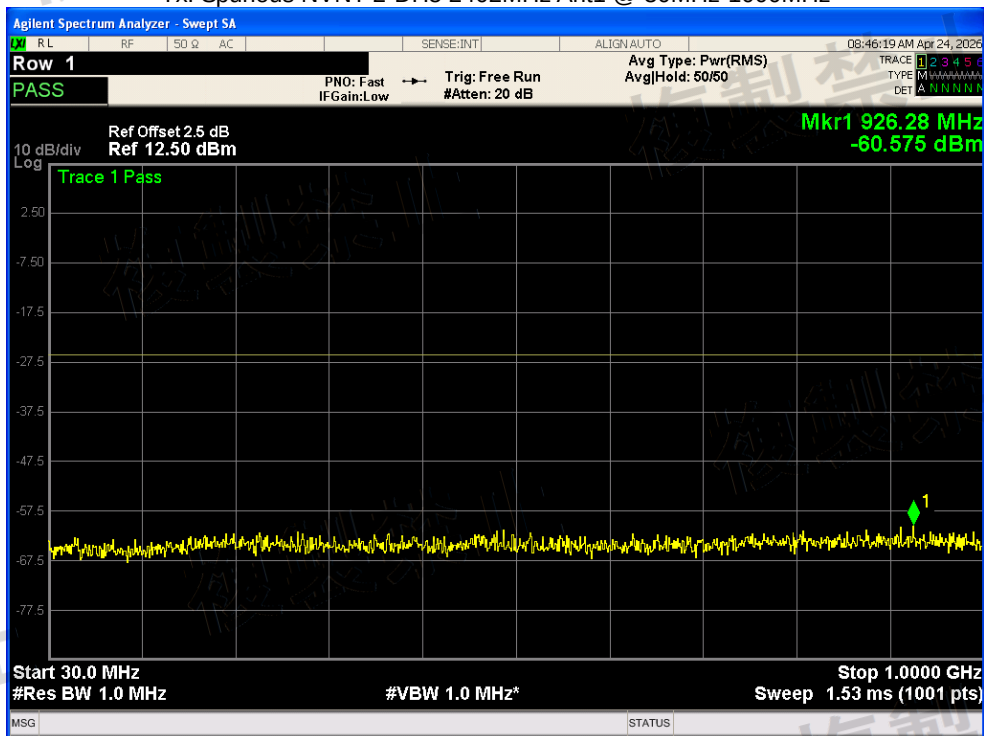
Tx. Spurious NVNT 1-DH5 2480MHz Ant1 @ 2483.5MHz-2496.5MHz



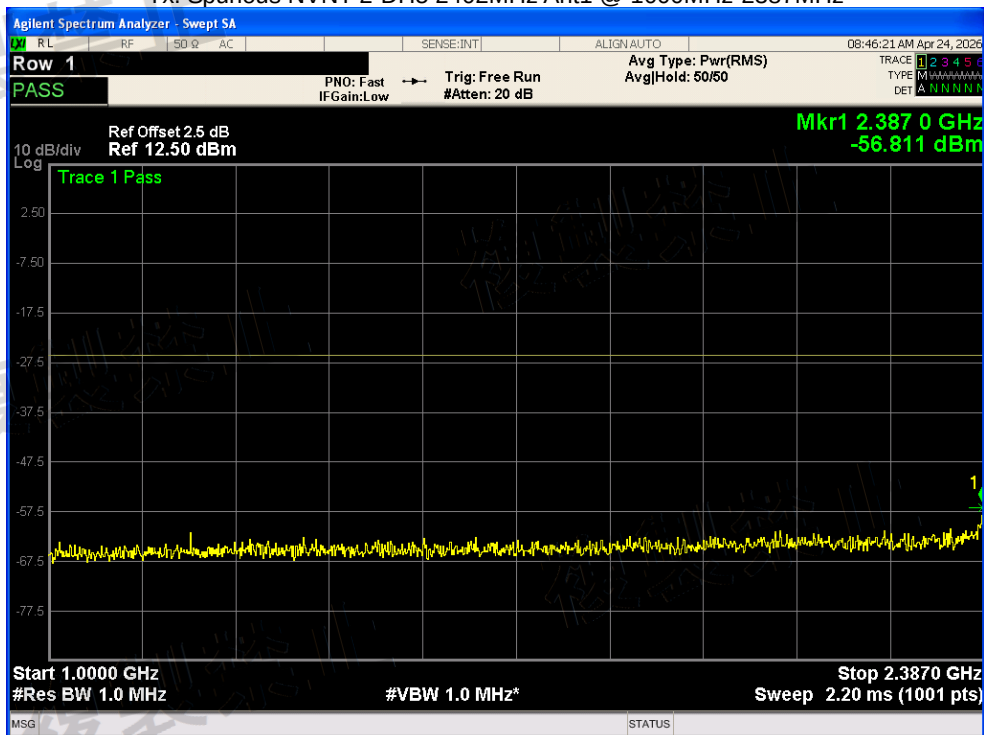
Tx. Spurious NVNT 1-DH5 2480MHz Ant1 @ 2496.5MHz-13000MHz



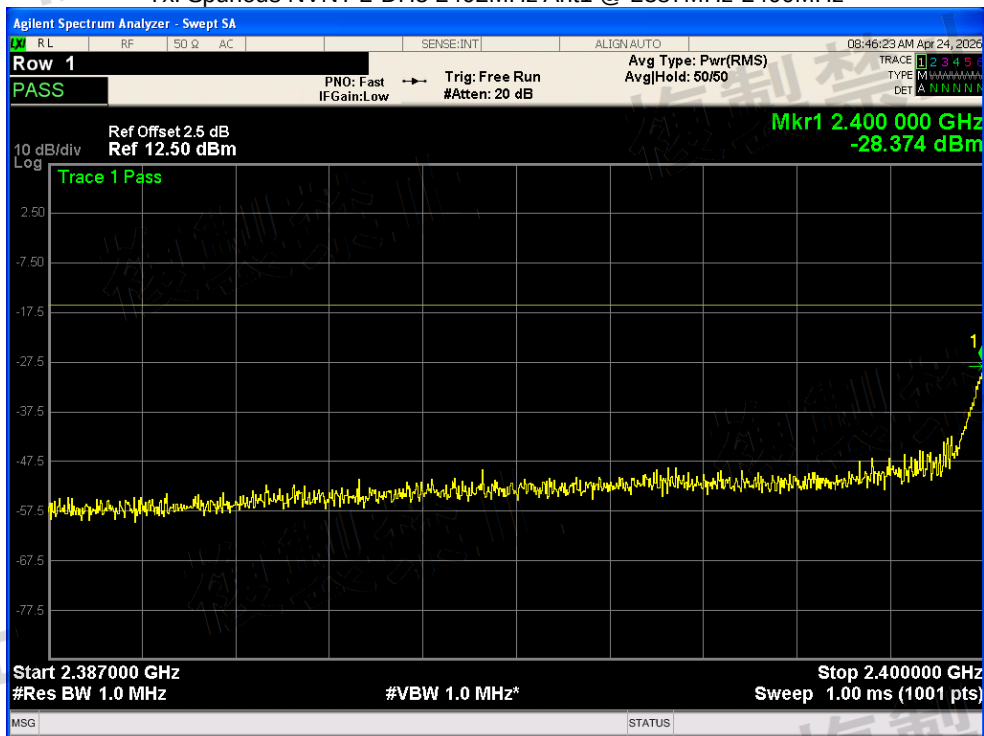
Tx. Spurious NVNT 2-DH5 2402MHz Ant1 @ 30MHz-1000MHz



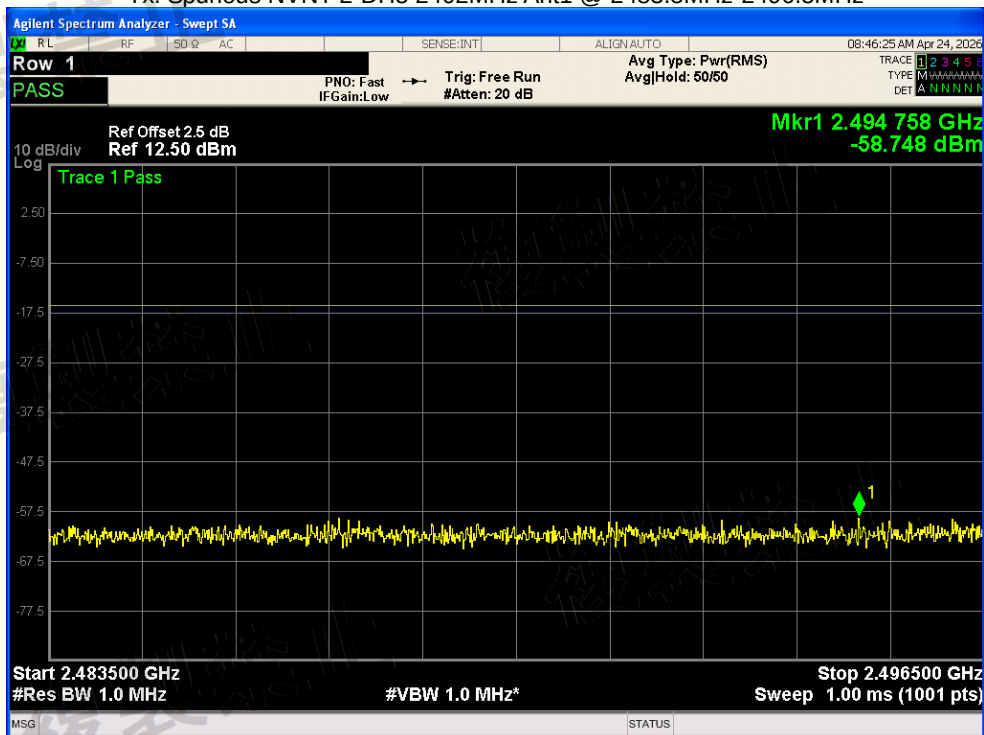
Tx. Spurious NVNT 2-DH5 2402MHz Ant1 @ 1000MHz-2387MHz



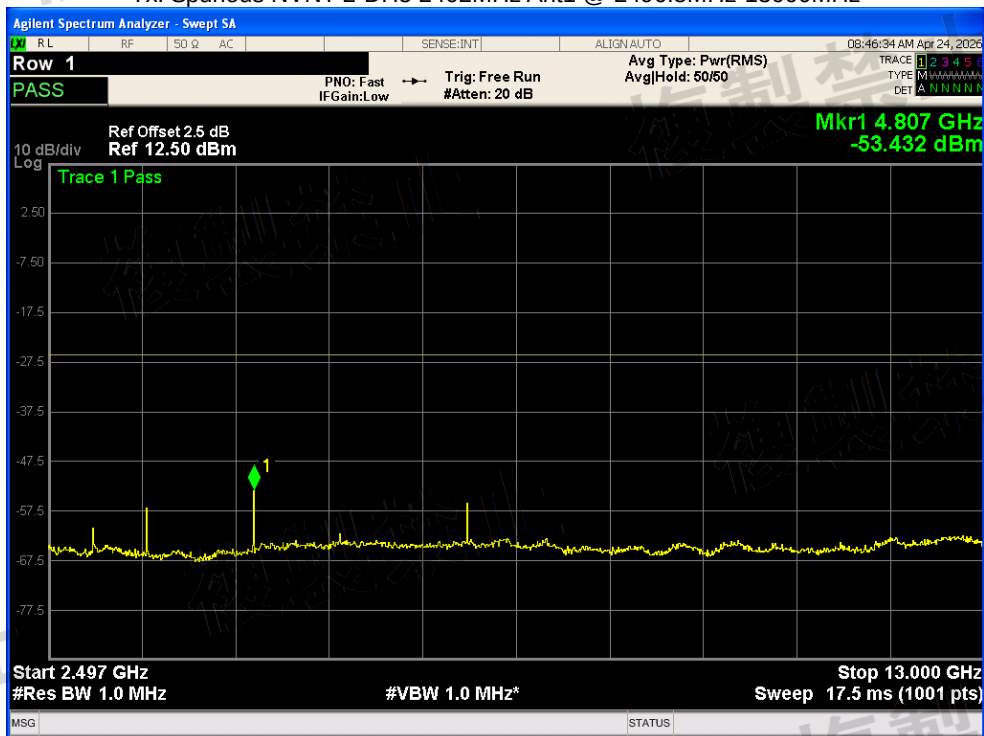
Tx. Spurious NVNT 2-DH5 2402MHz Ant1 @ 2387MHz-2400MHz



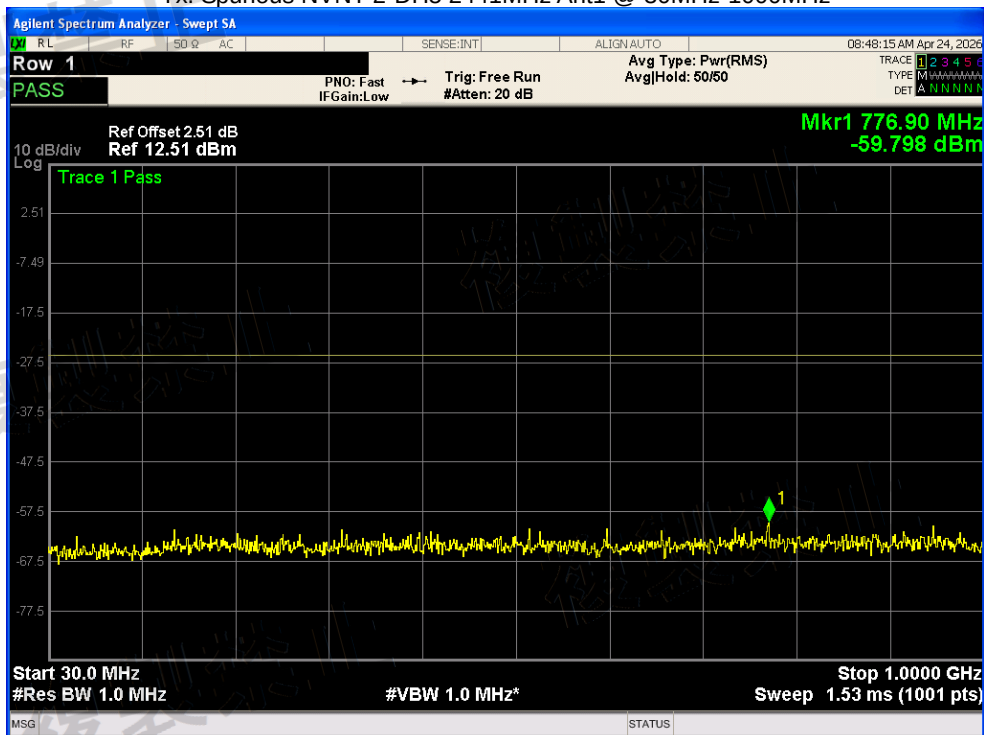
Tx. Spurious NVNT 2-DH5 2402MHz Ant1 @ 2483.5MHz-2496.5MHz



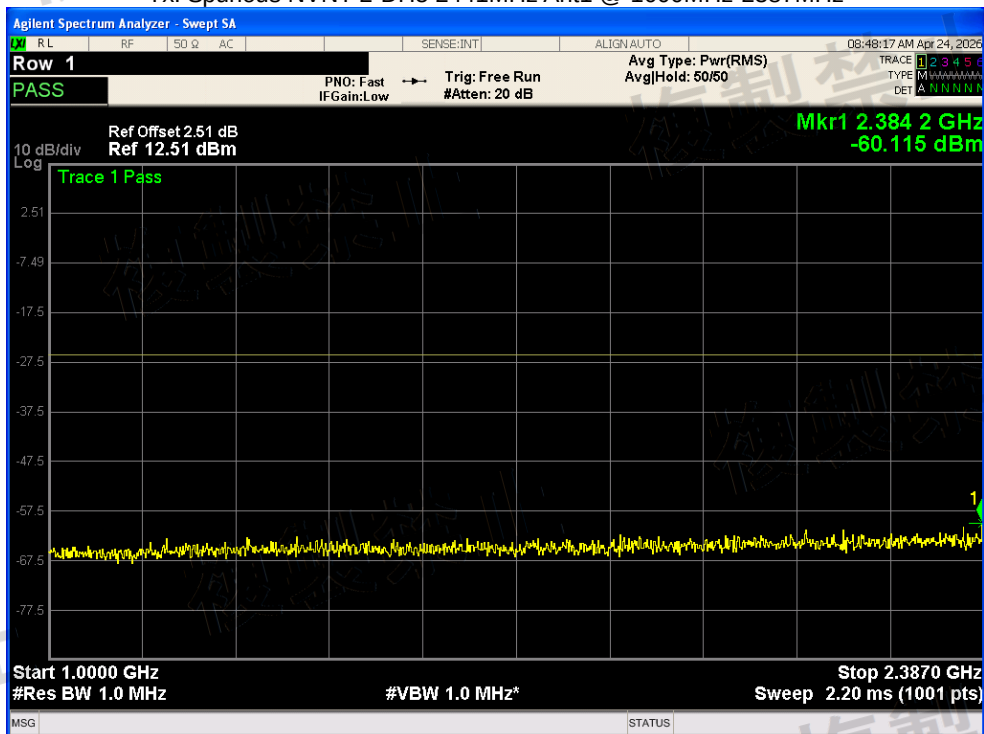
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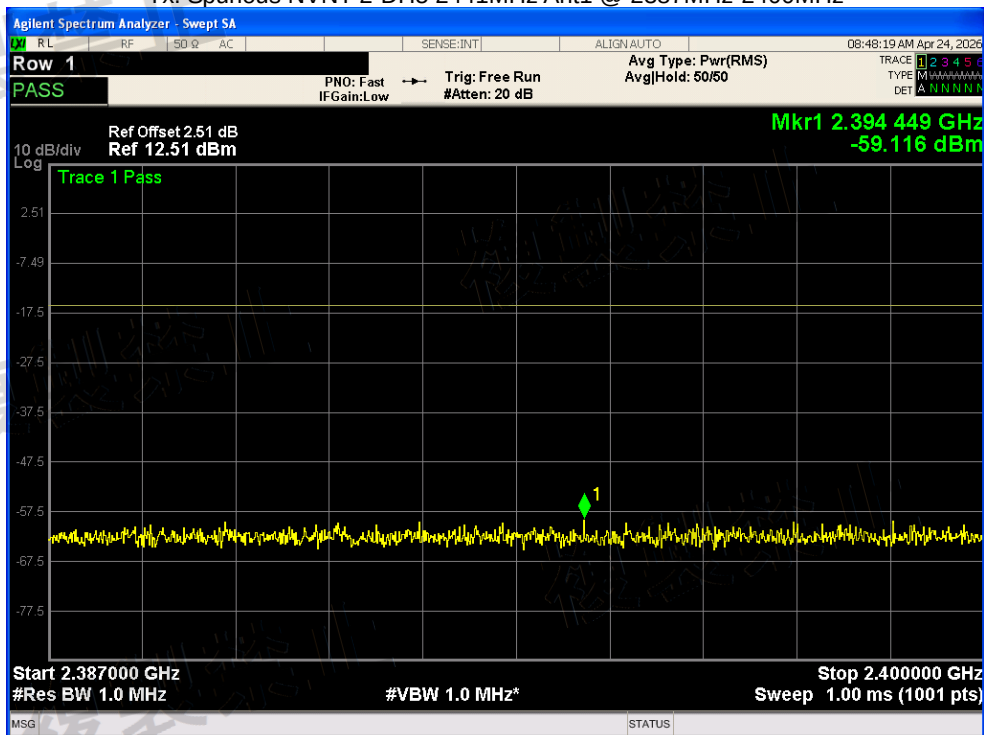
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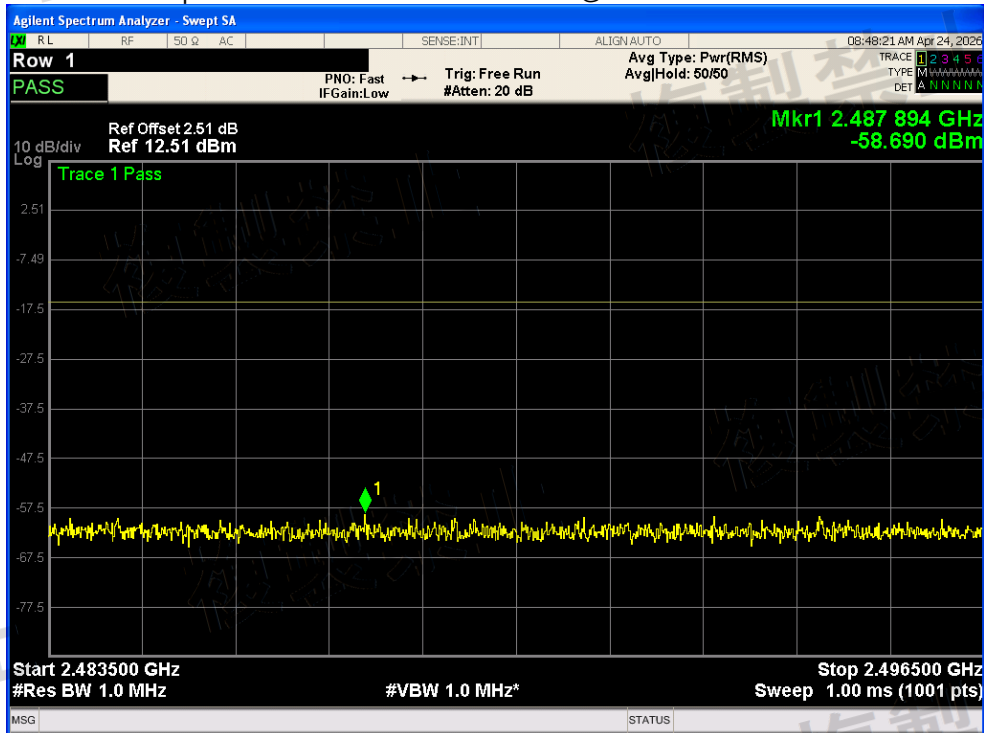
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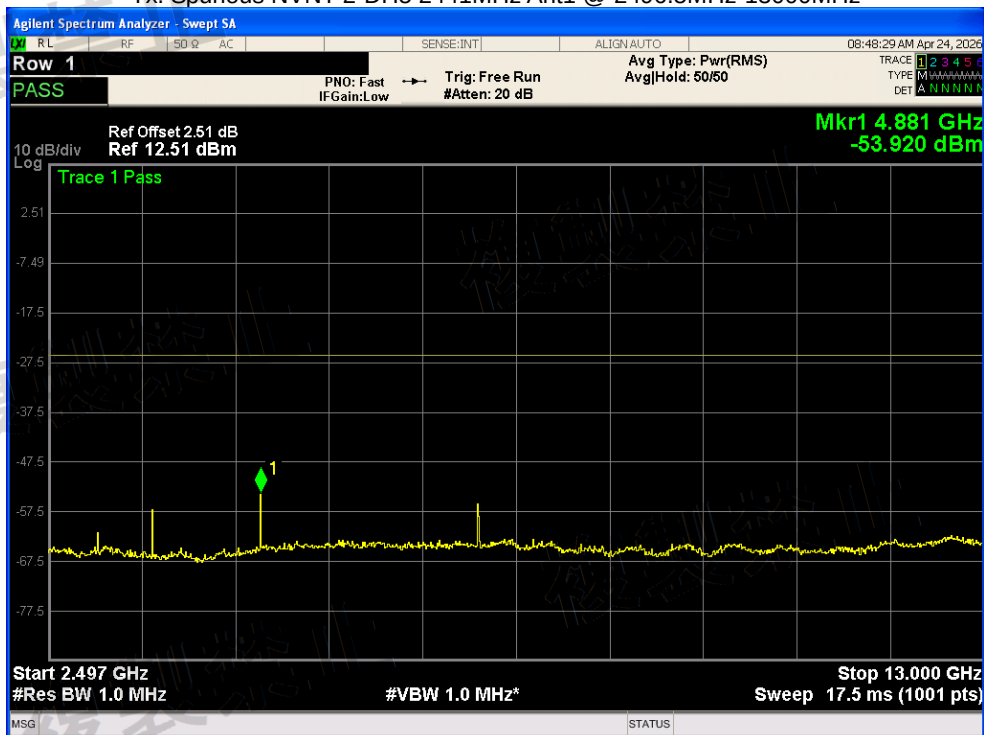
Tx. Spurious NVNT 2-DH5 2441MHz Ant1 @ 2387MHz-2400MHz



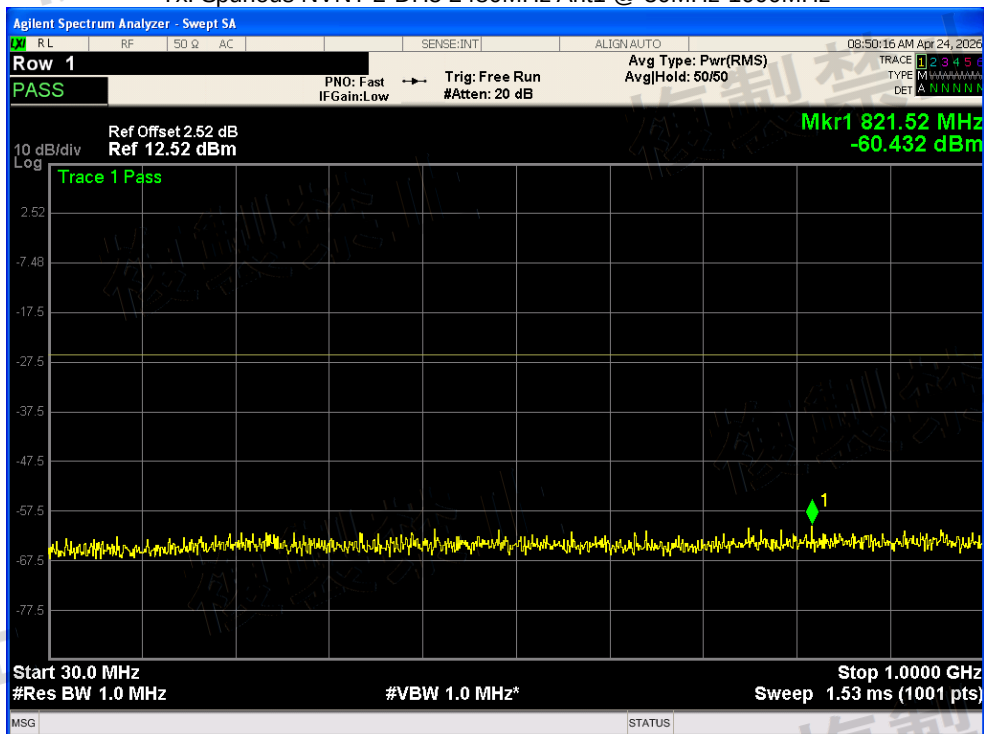
Tx. Spurious NVNT 2-DH5 2441MHz Ant1 @ 2483.5MHz-2496.5MHz



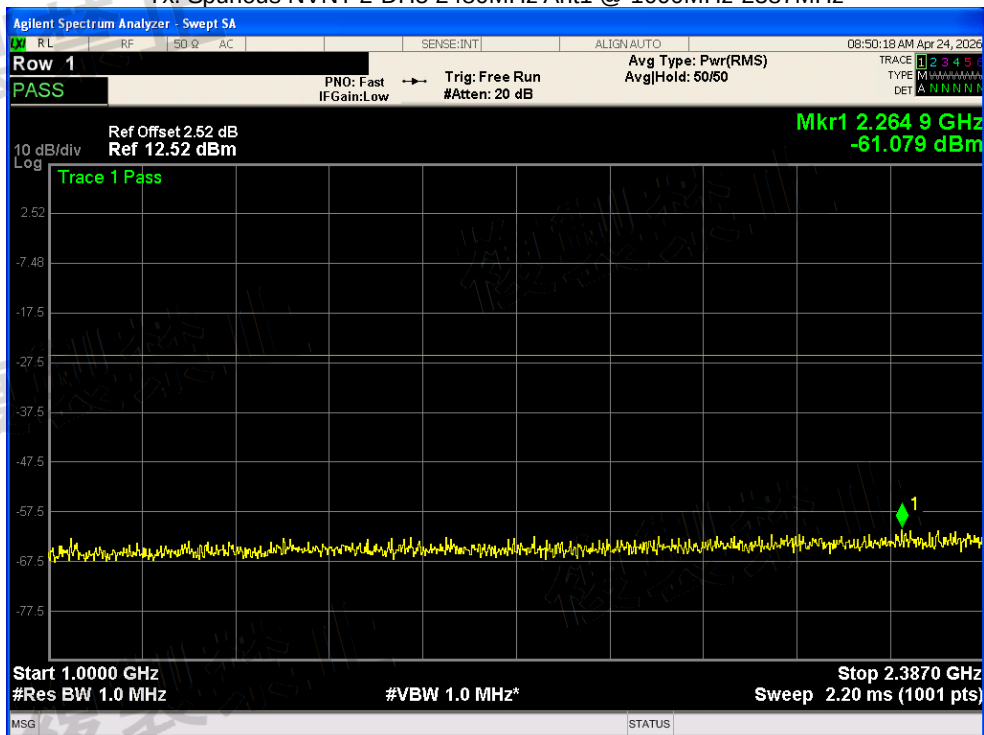
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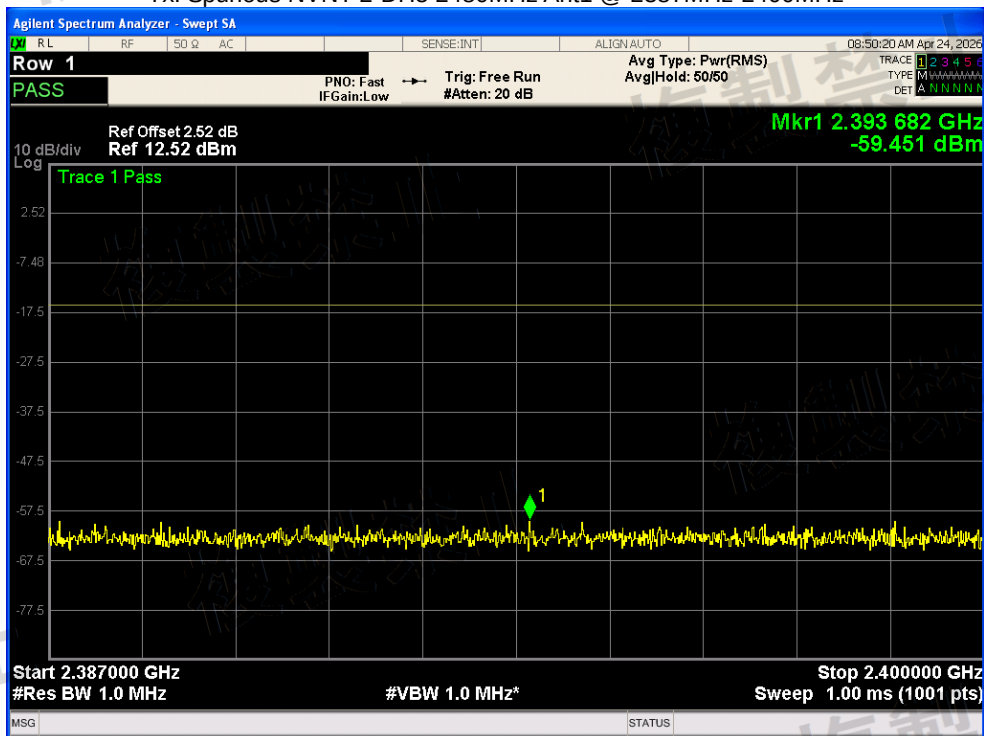
Tx. Spurious NVNT 2-DH5 2480MHz Ant1 @ 30MHz-1000MHz



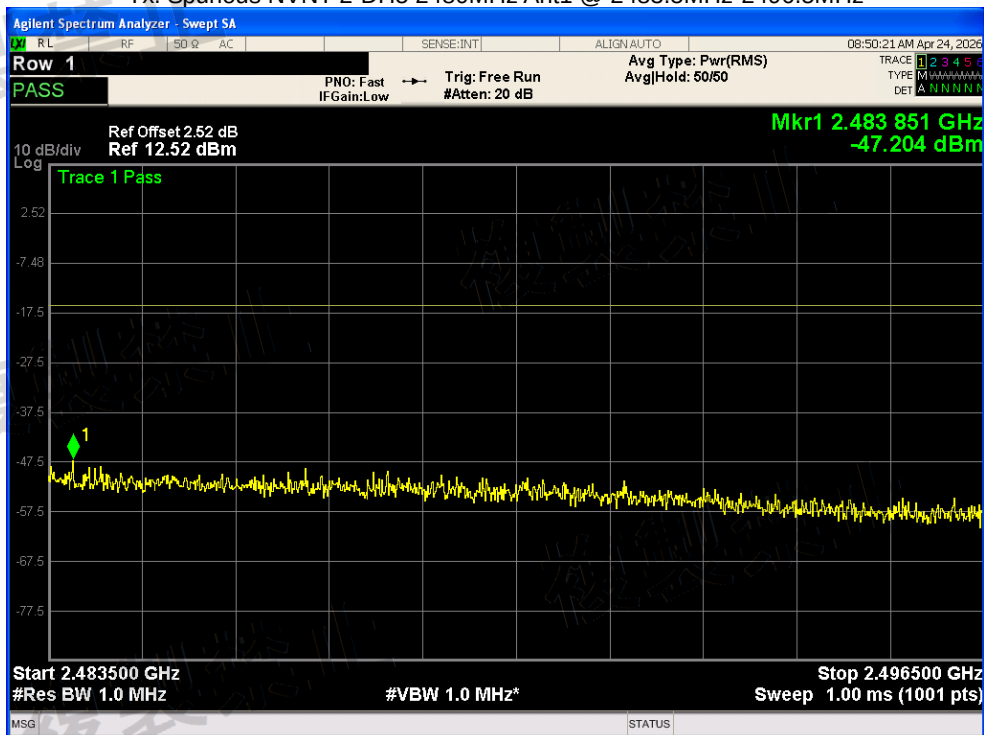
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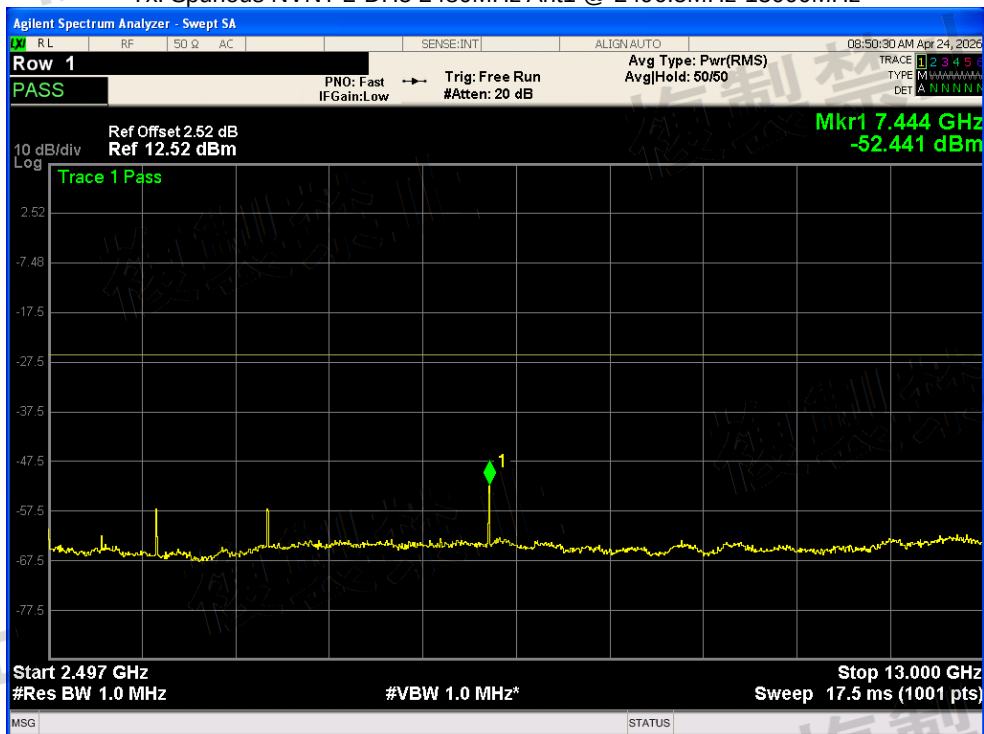
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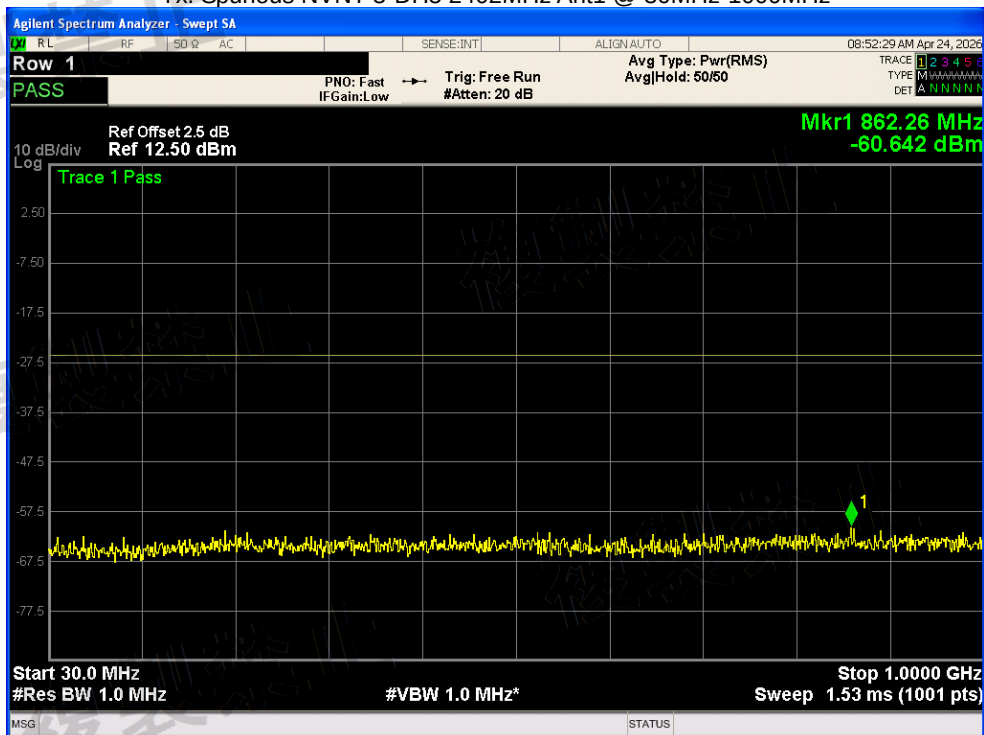
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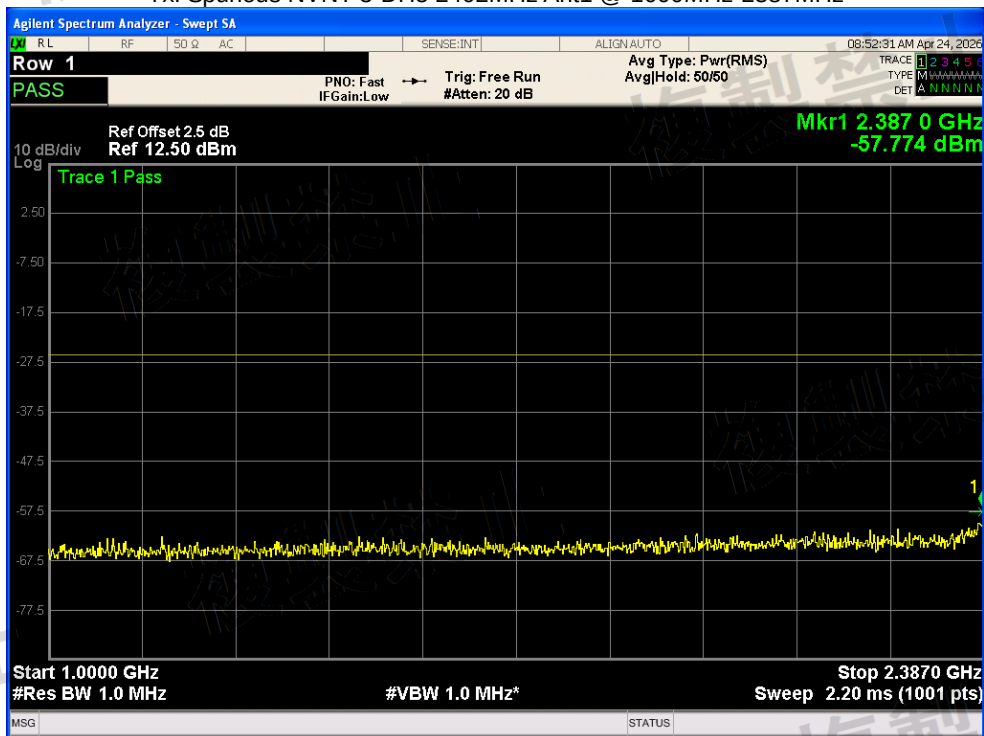
Tx. Spurious NVNT 2-DH5 2480MHz Ant1 @ 2496.5MHz-13000MHz



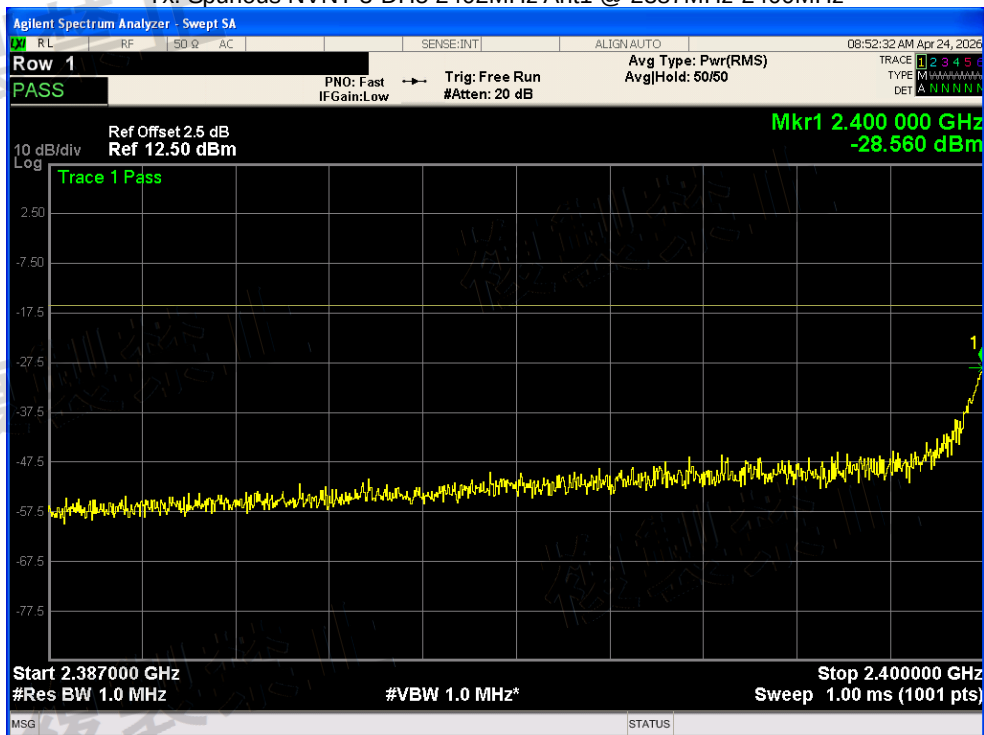
Tx. Spurious NVNT 3-DH5 2402MHz Ant1 @ 30MHz-1000MHz



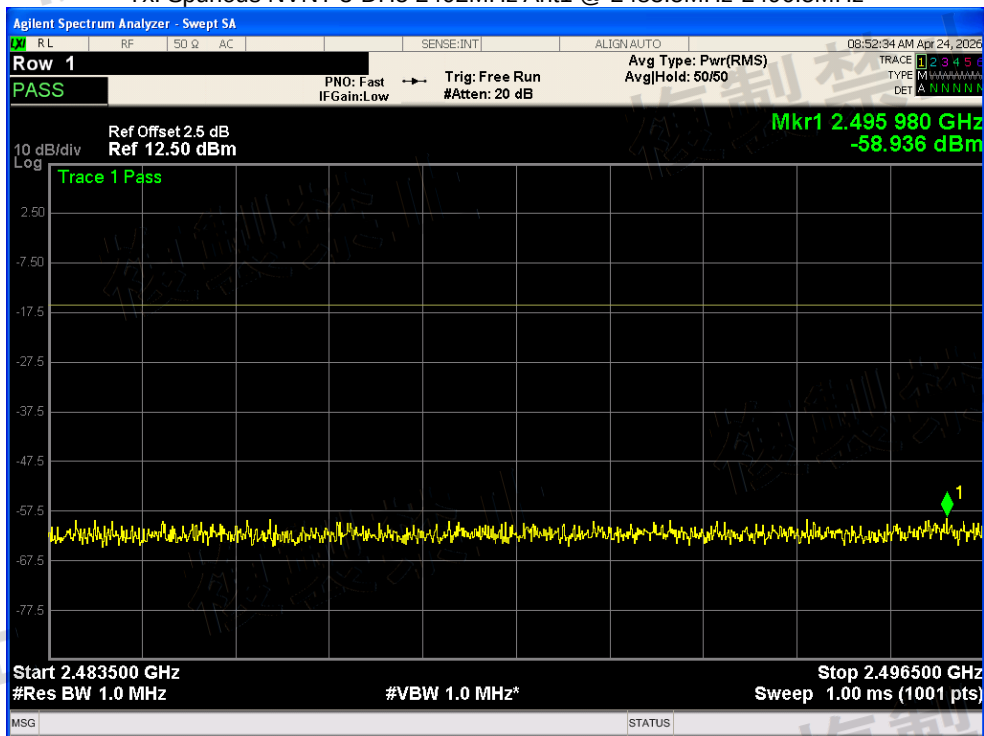
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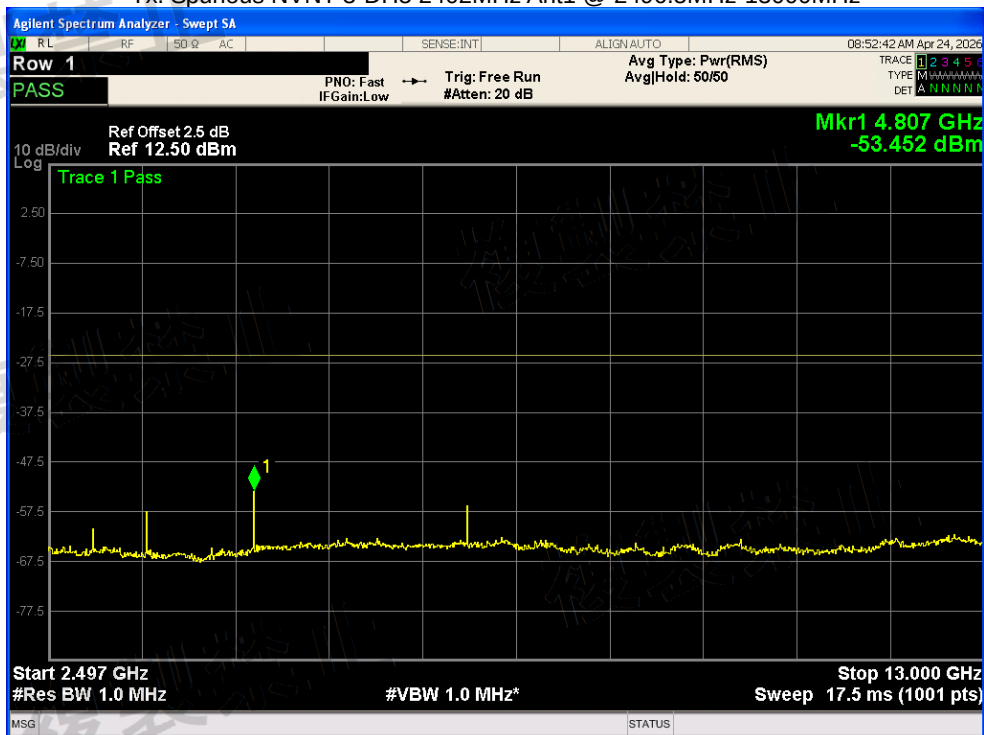
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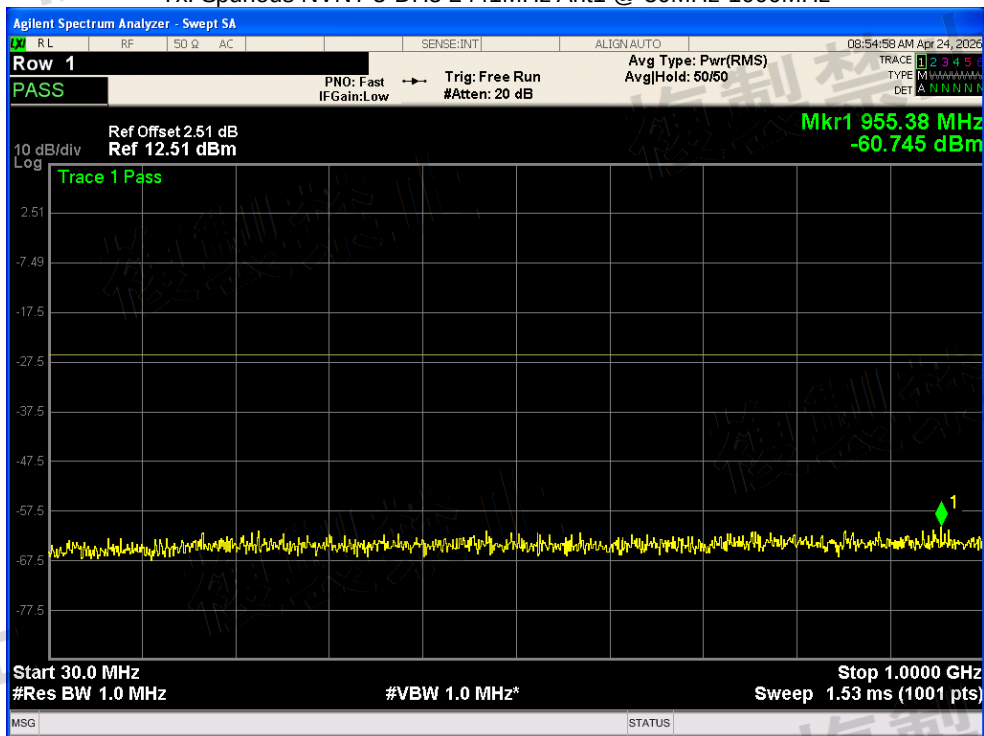
Tx. Spurious NVNT 3-DH5 2402MHz Ant1 @ 2483.5MHz-2496.5MHz



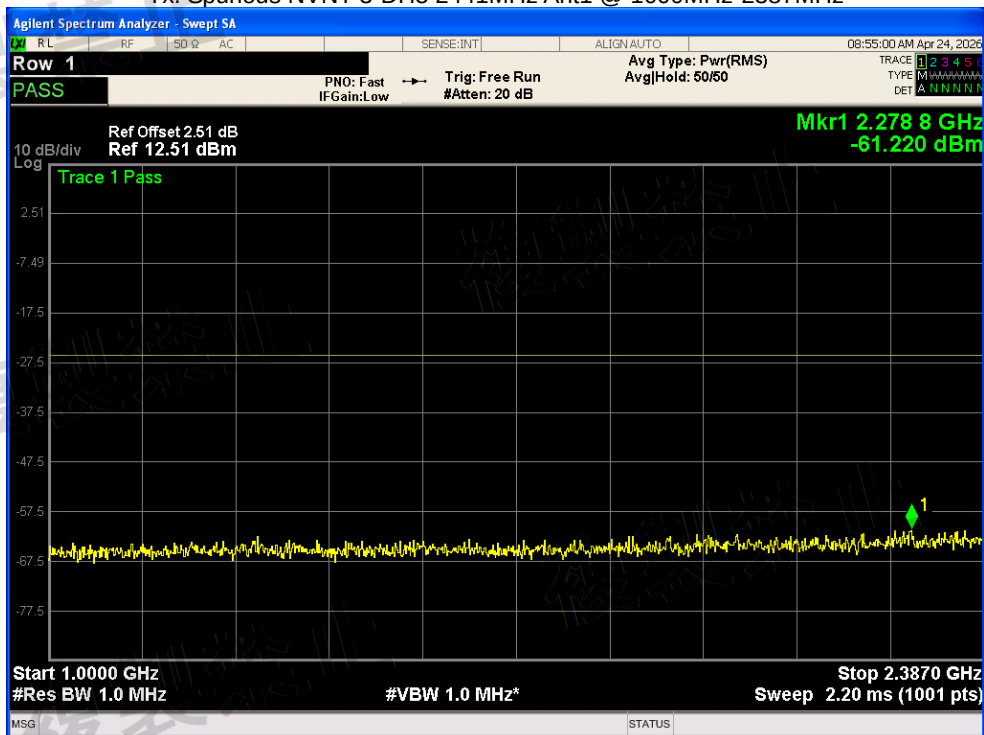
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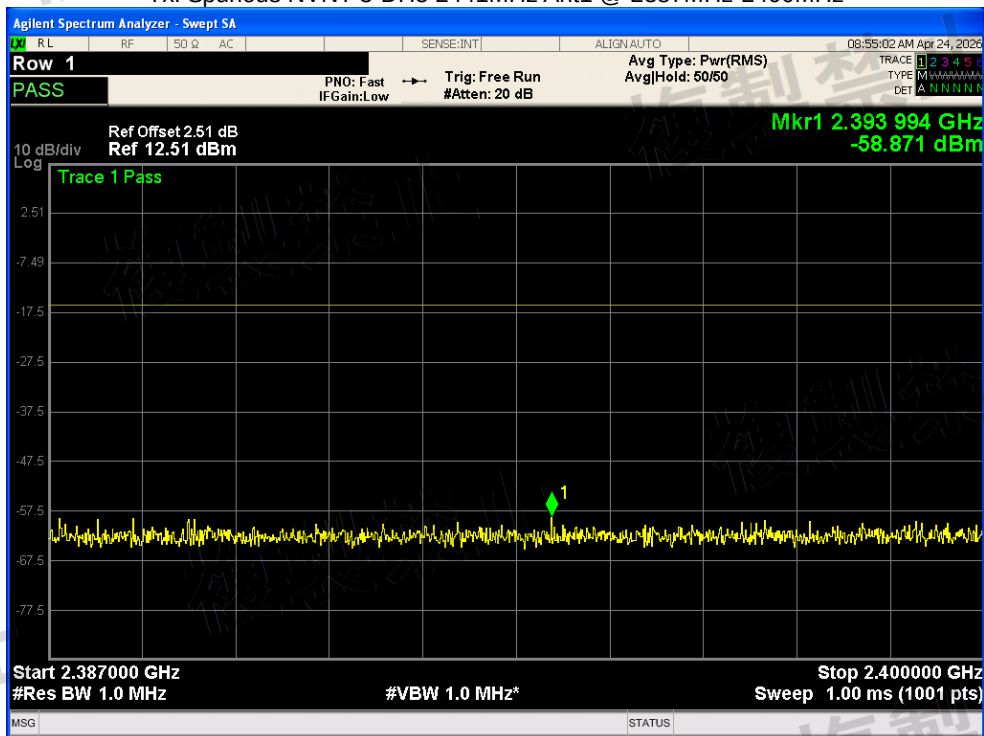
Tx. Spurious NVNT 3-DH5 2441MHz Ant1 @ 30MHz-1000MHz



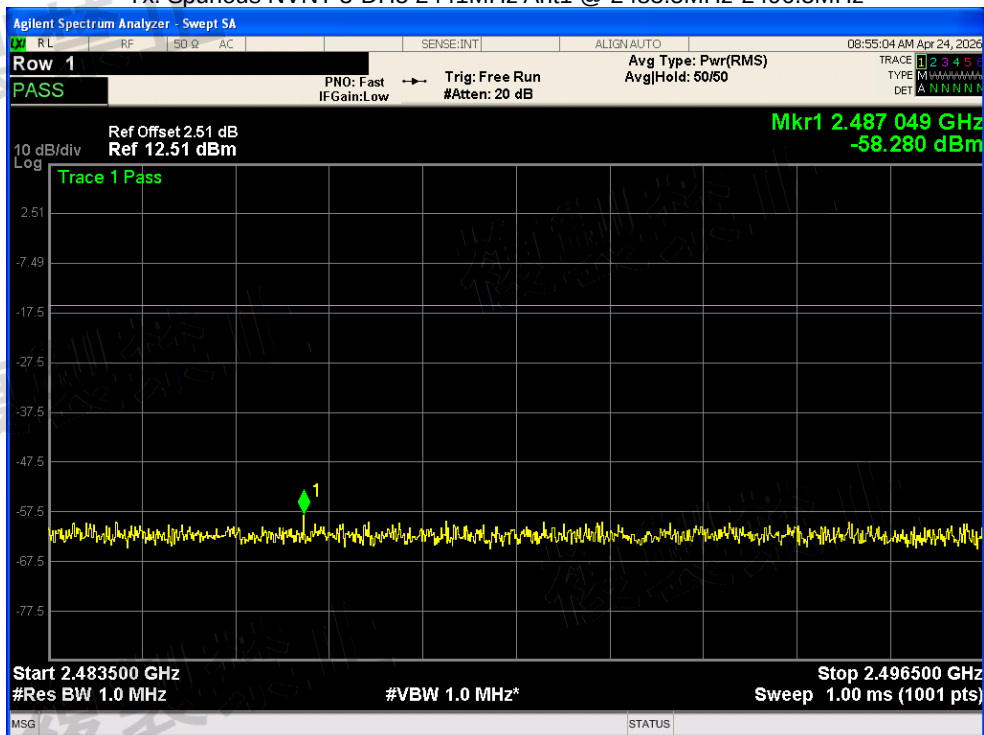
Tx. Spurious NVNT 3-DH5 2441MHz Ant1 @ 1000MHz-2387MHz



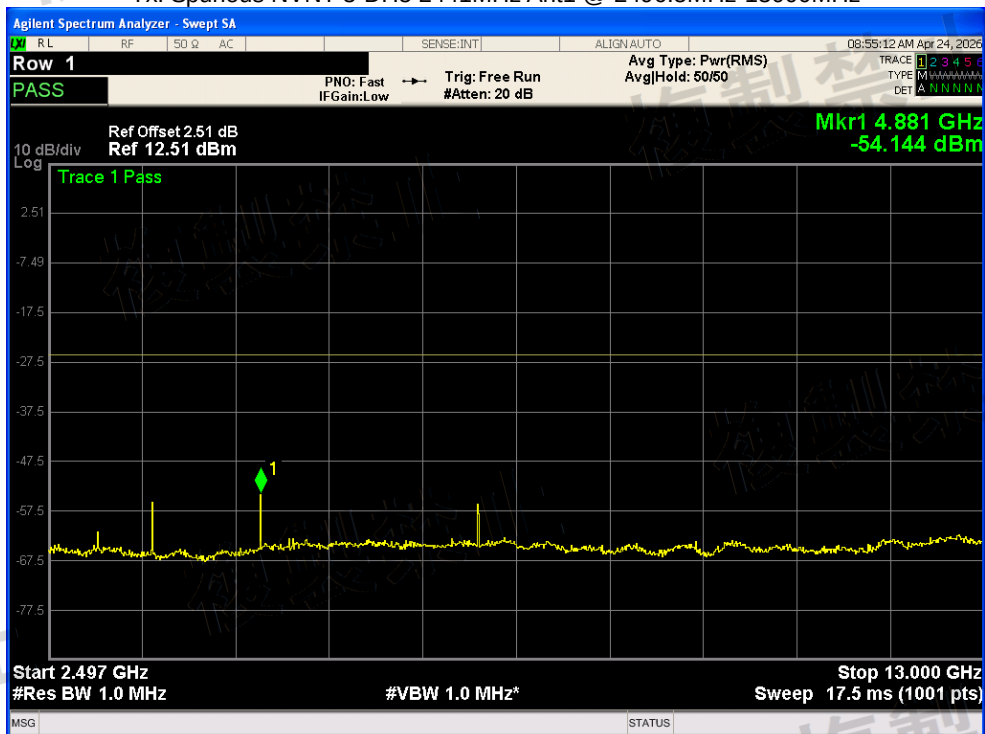
Tx. Spurious NVNT 3-DH5 2441MHz Ant1 @ 2387MHz-2400MHz



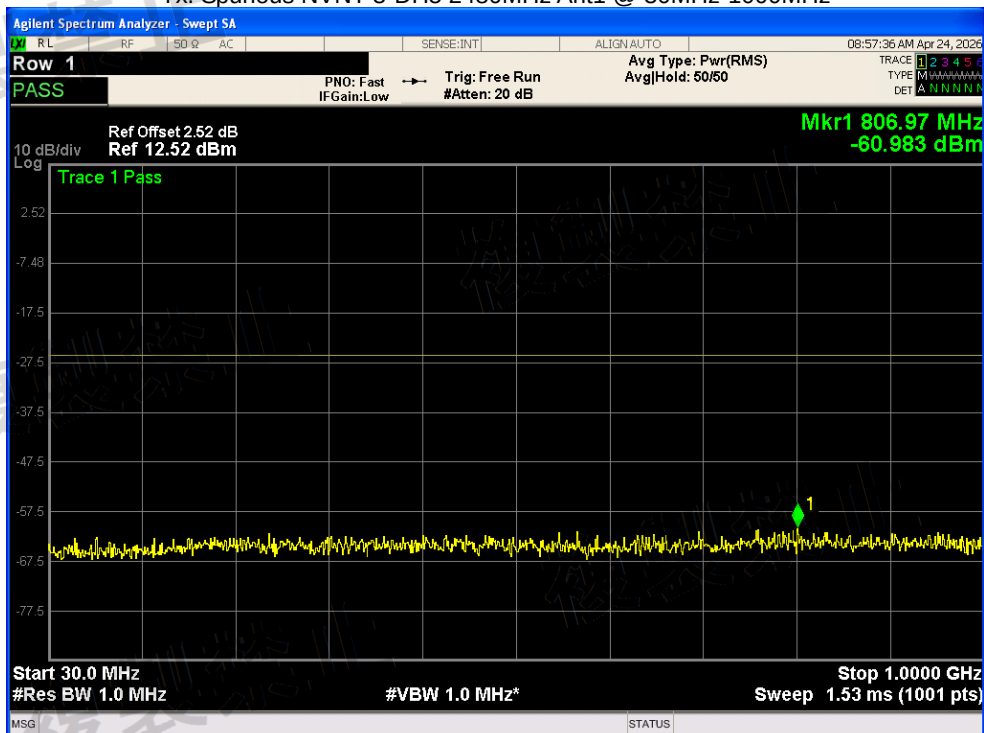
Tx. Spurious NVNT 3-DH5 2441MHz Ant1 @ 2483.5MHz-2496.5MHz



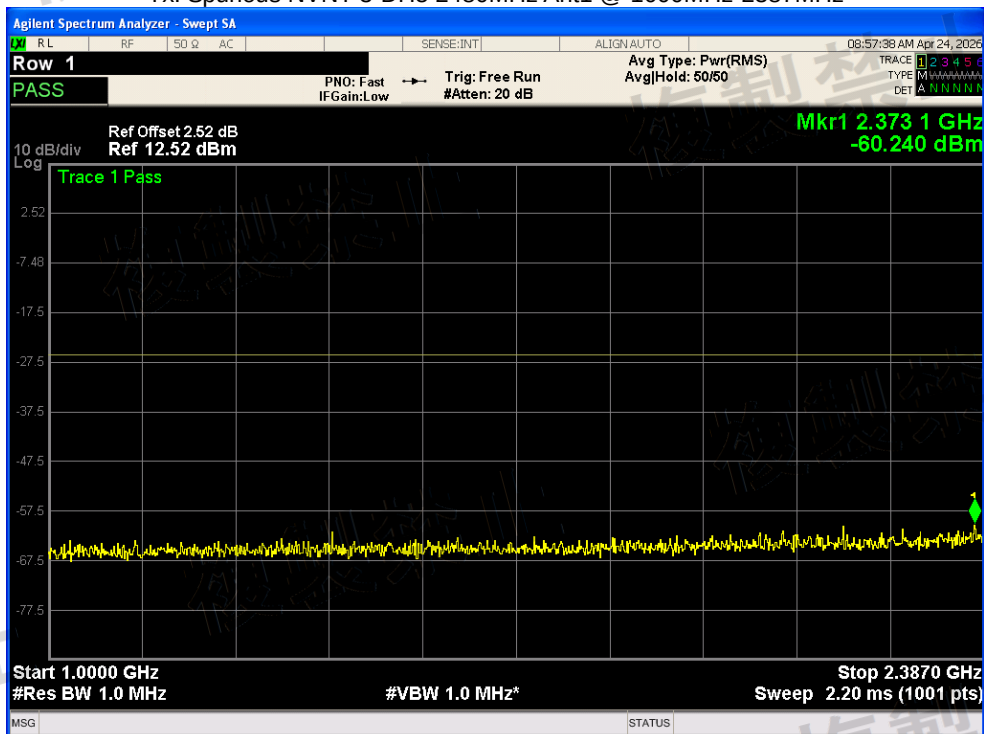
Tx. Spurious NVNT 3-DH5 2441MHz Ant1 @ 2496.5MHz-13000MHz



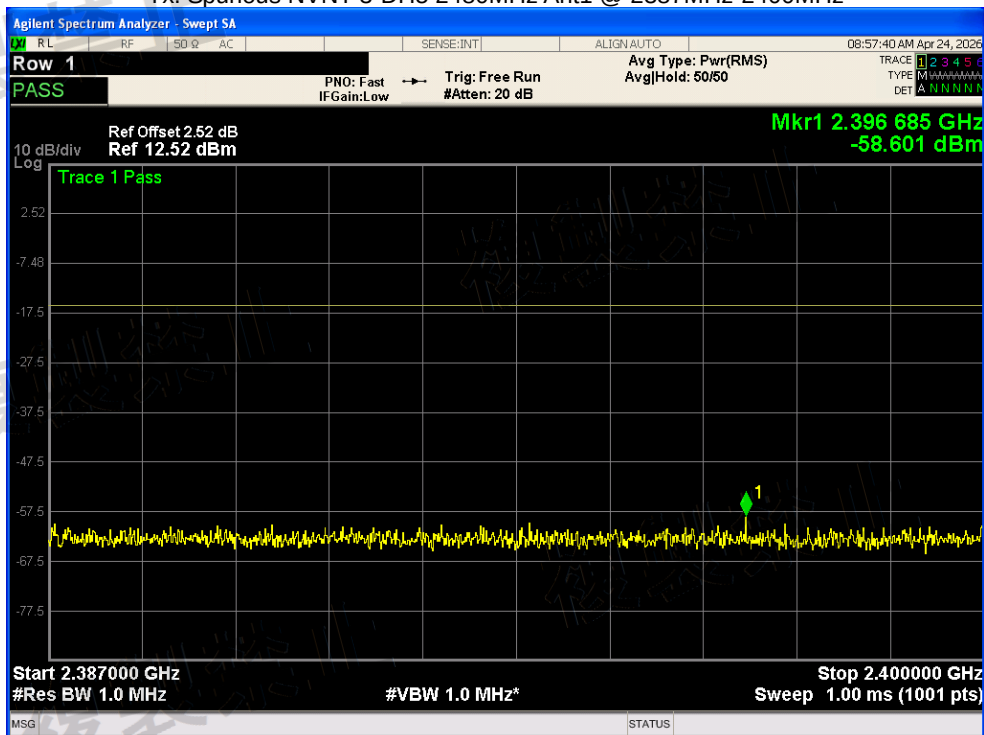
Tx. Spurious NVNT 3-DH5 2480MHz Ant1 @ 30MHz-1000MHz



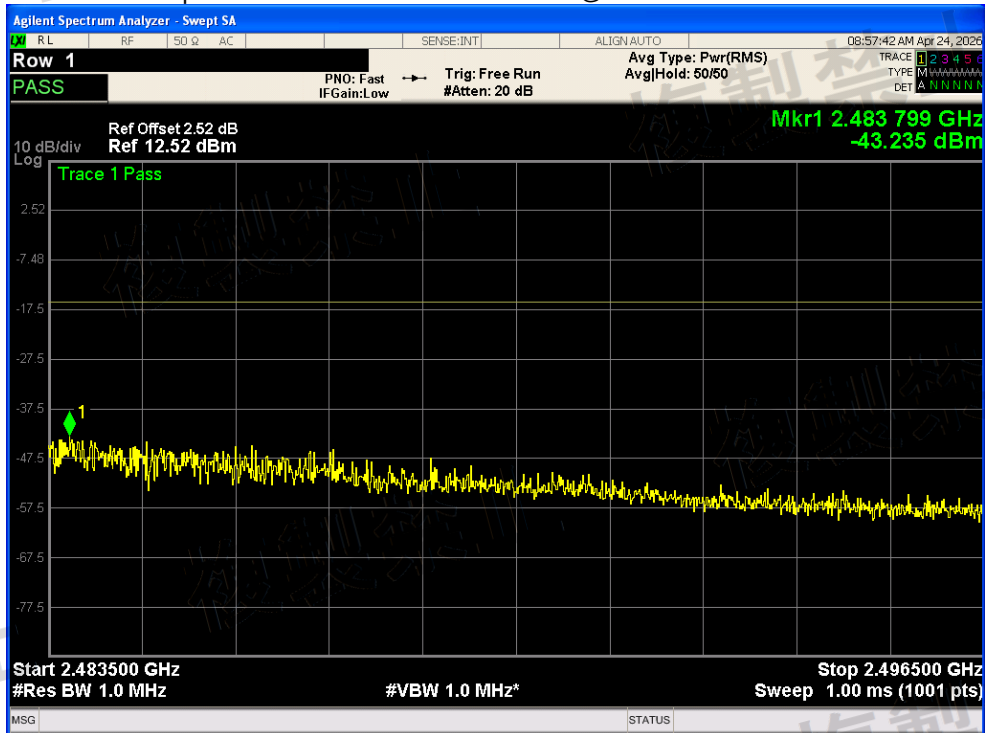
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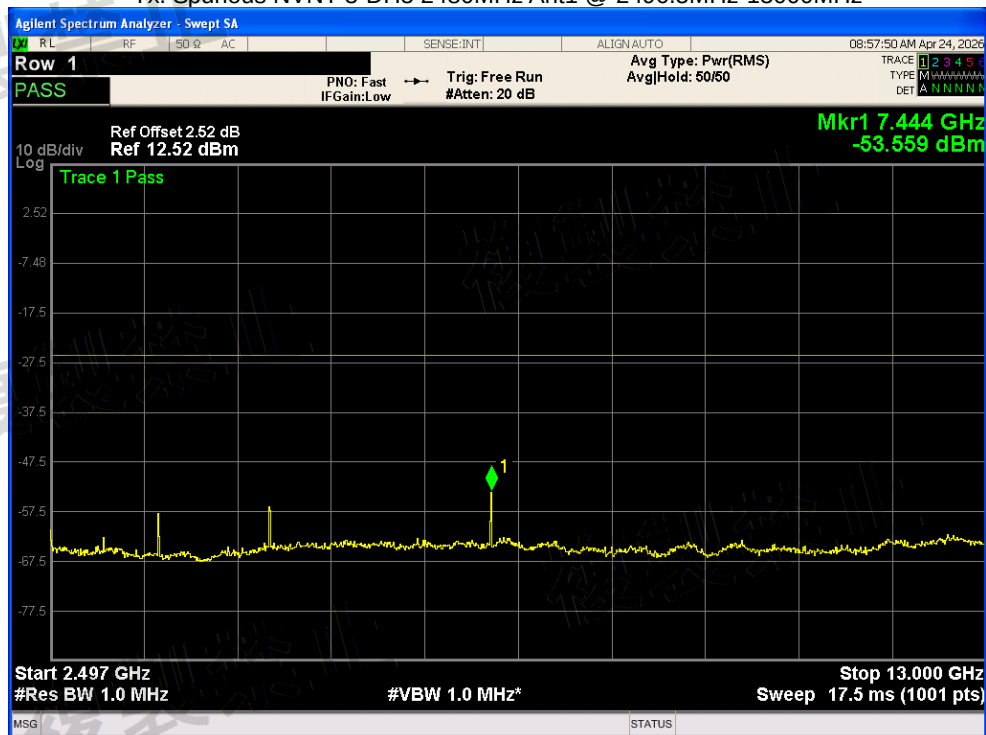
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Tx. Spurious NVNT 3-DH5 2480MHz Ant1 @ 2483.5MHz-2496.5MHz



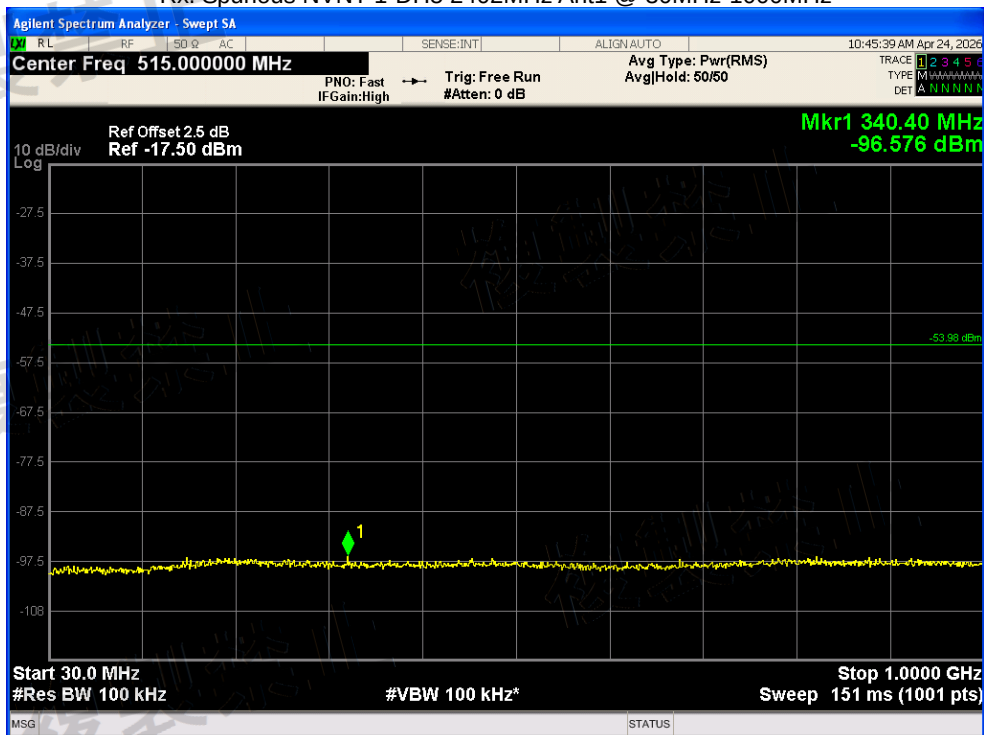
Tx: Spurious NVNT 3-DH5 2480MHz Ant1 @ 2496.5MHz-13000MHz



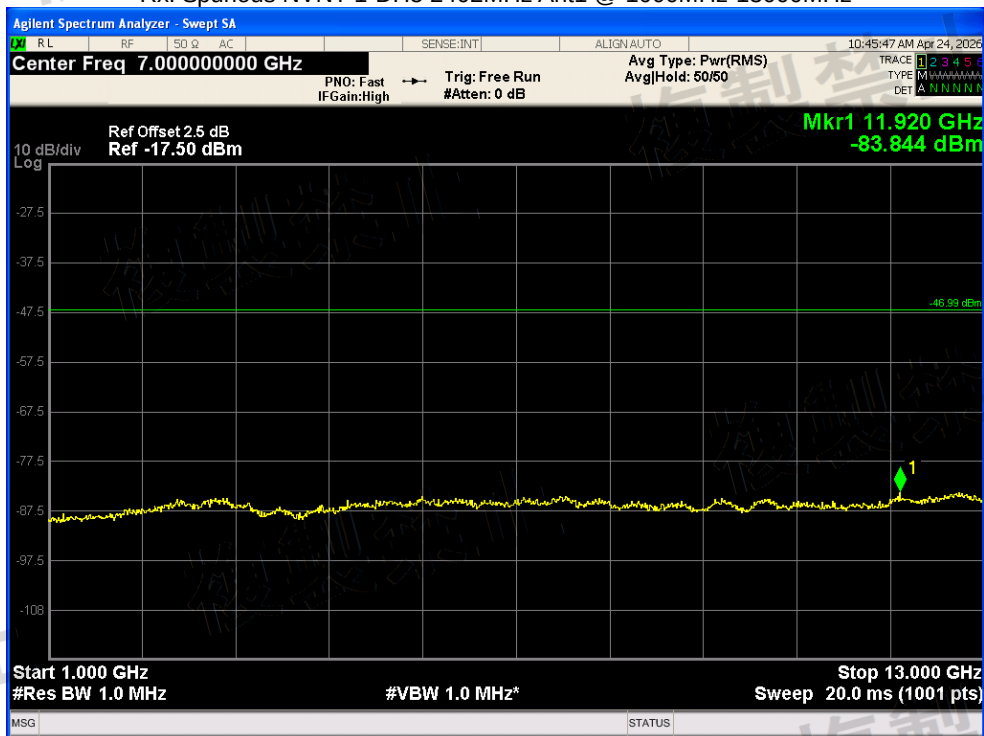
13.7 RX SPURIOUS EMISSION

Condition	Mode	Frequency (MHz)	Antenna	Range (MHz)	Emission Frequency (MHz)	Max Value (dBm)	Max Value (nW)	Limit (nW)	Verdict
NVNT	1-DH5	2402	Ant1	30-1000	340.4	-96.58	0.0002	4	Pass
NVNT	1-DH5	2402	Ant1	1000-13000	11920	-83.84	0.0041	20	Pass
NVNT	1-DH5	2441	Ant1	30-1000	917.55	-96.39	0.0002	4	Pass
NVNT	1-DH5	2441	Ant1	1000-13000	12664	-83.59	0.0044	20	Pass
NVNT	1-DH5	2480	Ant1	30-1000	883.6	-96.31	0.0002	4	Pass
NVNT	1-DH5	2480	Ant1	1000-13000	12712	-83.91	0.0041	20	Pass
NVNT	2-DH5	2402	Ant1	30-1000	953.44	-96.37	0.0002	4	Pass
NVNT	2-DH5	2402	Ant1	1000-13000	12556	-83.39	0.0046	20	Pass
NVNT	2-DH5	2441	Ant1	30-1000	750.71	-96.32	0.0002	4	Pass
NVNT	2-DH5	2441	Ant1	1000-13000	12652	-83.84	0.0041	20	Pass
NVNT	2-DH5	2480	Ant1	30-1000	245.34	-96.23	0.0002	4	Pass
NVNT	2-DH5	2480	Ant1	1000-13000	12496	-83.89	0.0041	20	Pass
NVNT	3-DH5	2402	Ant1	30-1000	509.18	-96.41	0.0002	4	Pass
NVNT	3-DH5	2402	Ant1	1000-13000	12736	-83.71	0.0043	20	Pass
NVNT	3-DH5	2441	Ant1	30-1000	270.56	-96.26	0.0002	4	Pass
NVNT	3-DH5	2441	Ant1	1000-13000	12784	-83.61	0.0044	20	Pass
NVNT	3-DH5	2480	Ant1	30-1000	213.33	-95.96	0.0003	4	Pass
NVNT	3-DH5	2480	Ant1	1000-13000	12712	-83.55	0.0044	20	Pass

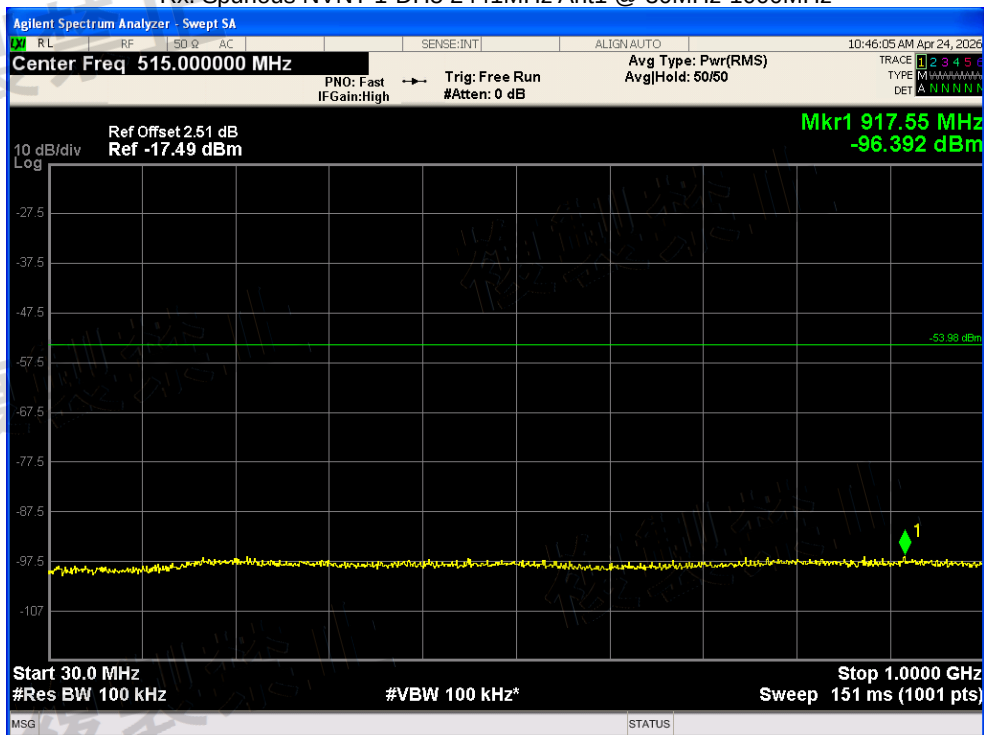
Rx. Spurious NVNT 1-DH5 2402MHz Ant1 @ 30MHz-1000MHz



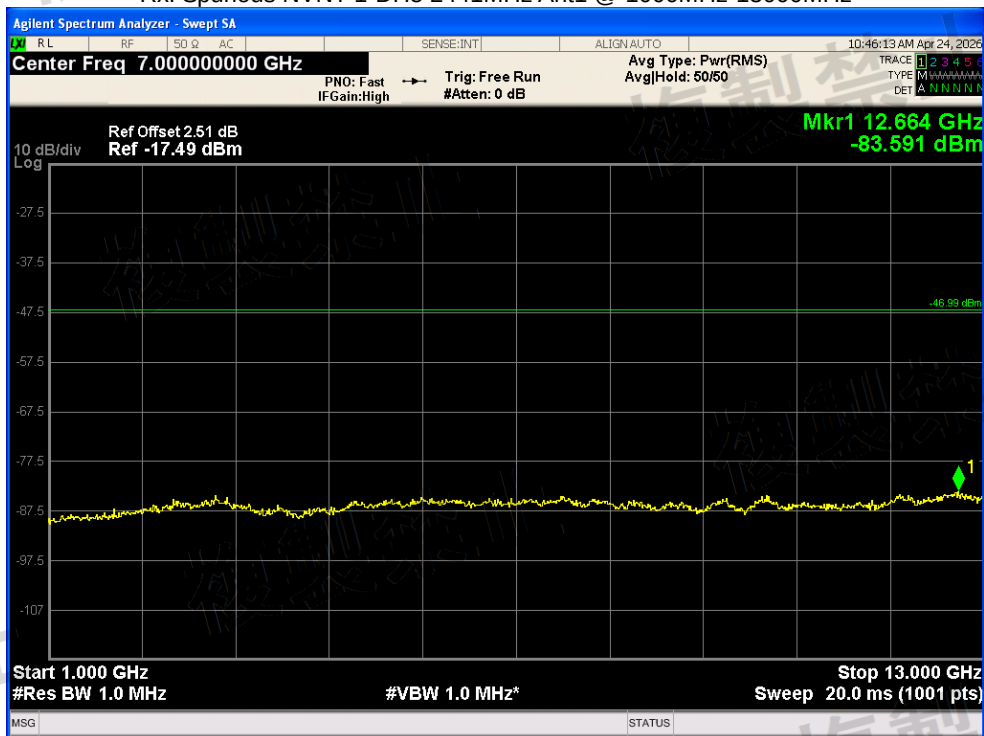
Rx. Spurious NVNT 1-DH5 2402MHz Ant1 @ 1000MHz-13000MHz



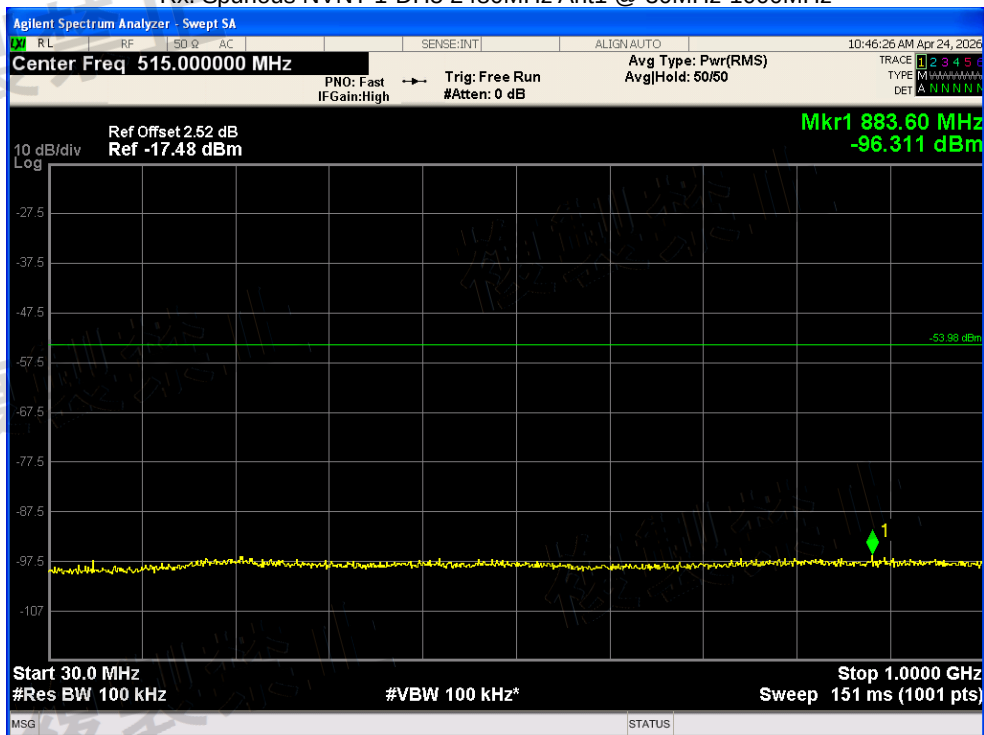
Rx. Spurious NVNT 1-DH5 2441MHz Ant1 @ 30MHz-1000MHz



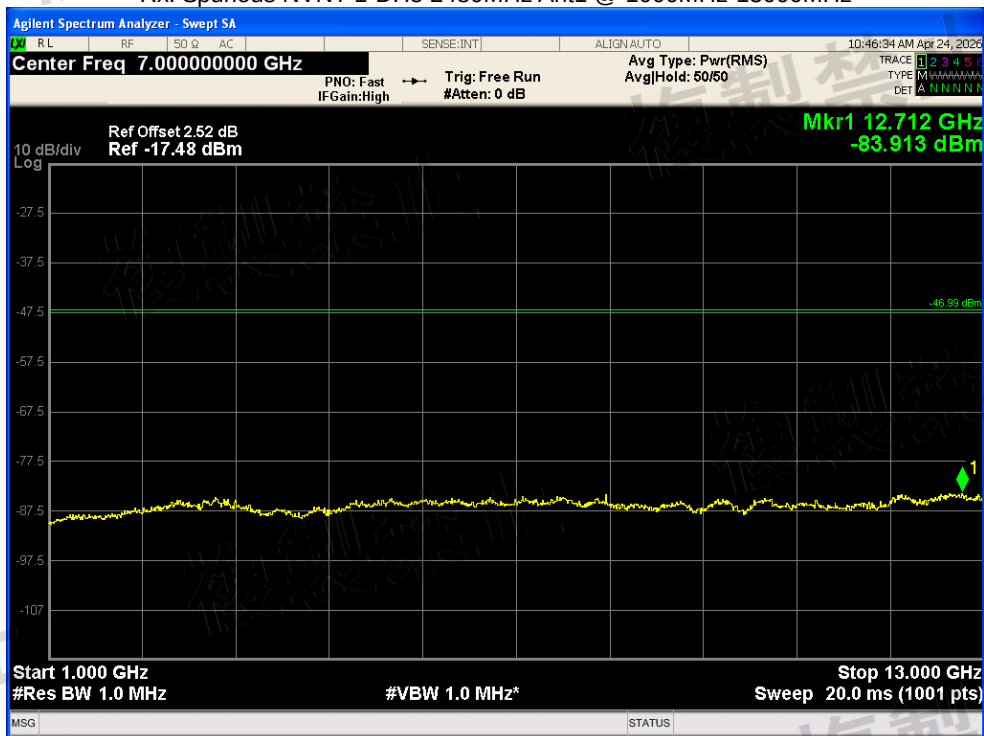
Rx. Spurious NVNT 1-DH5 2441MHz Ant1 @ 1000MHz-13000MHz



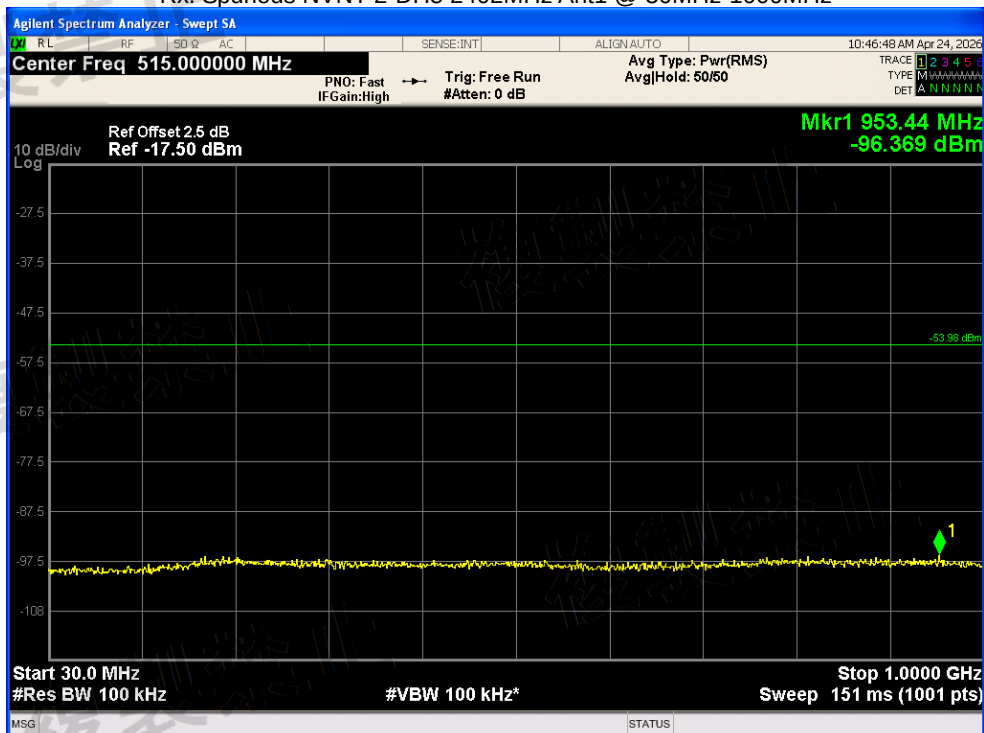
Rx. Spurious NVNT 1-DH5 2480MHz Ant1 @ 30MHz-1000MHz



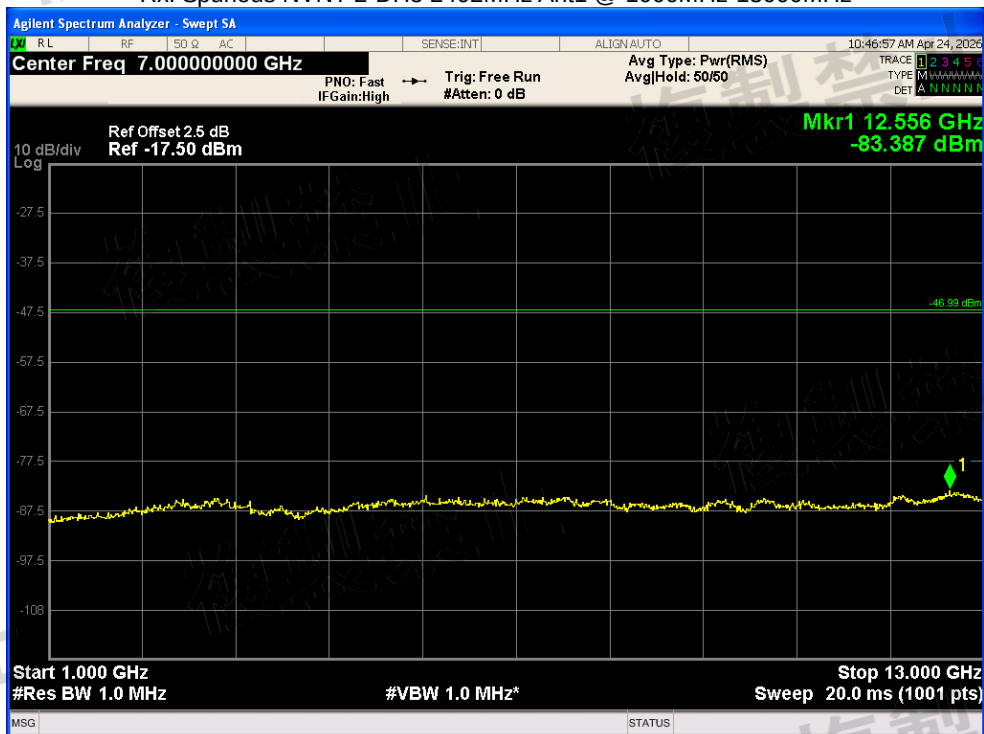
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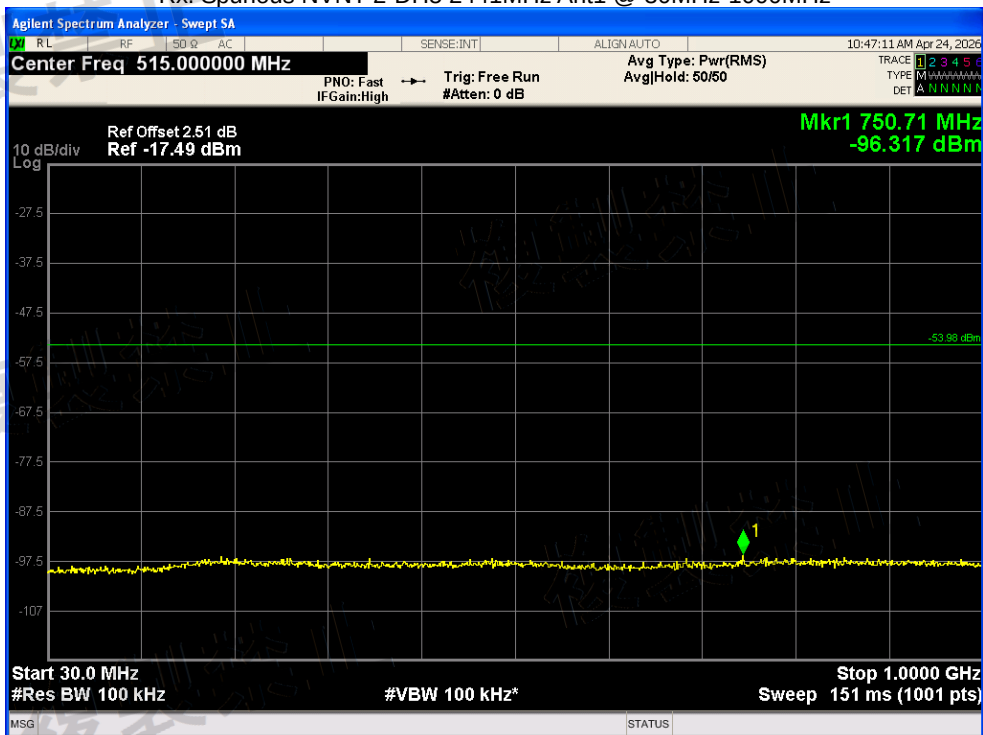
Rx. Spurious NVNT 2-DH5 2402MHz Ant1 @ 30MHz-1000MHz



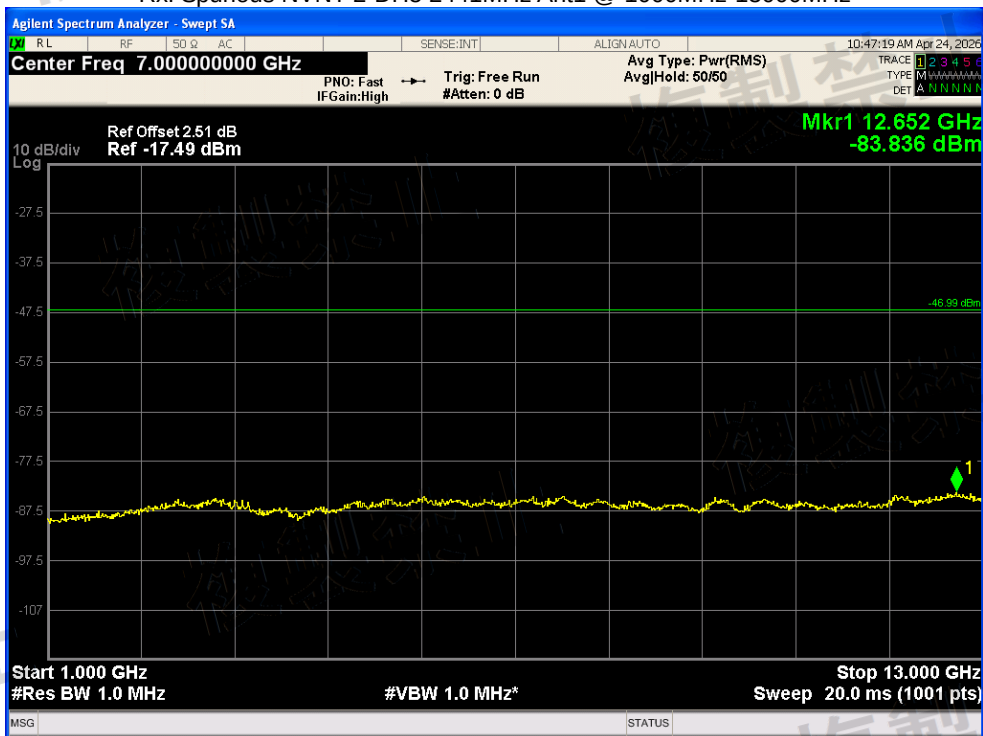
Rx. Spurious NVNT 2-DH5 2402MHz Ant1 @ 1000MHz-13000MHz



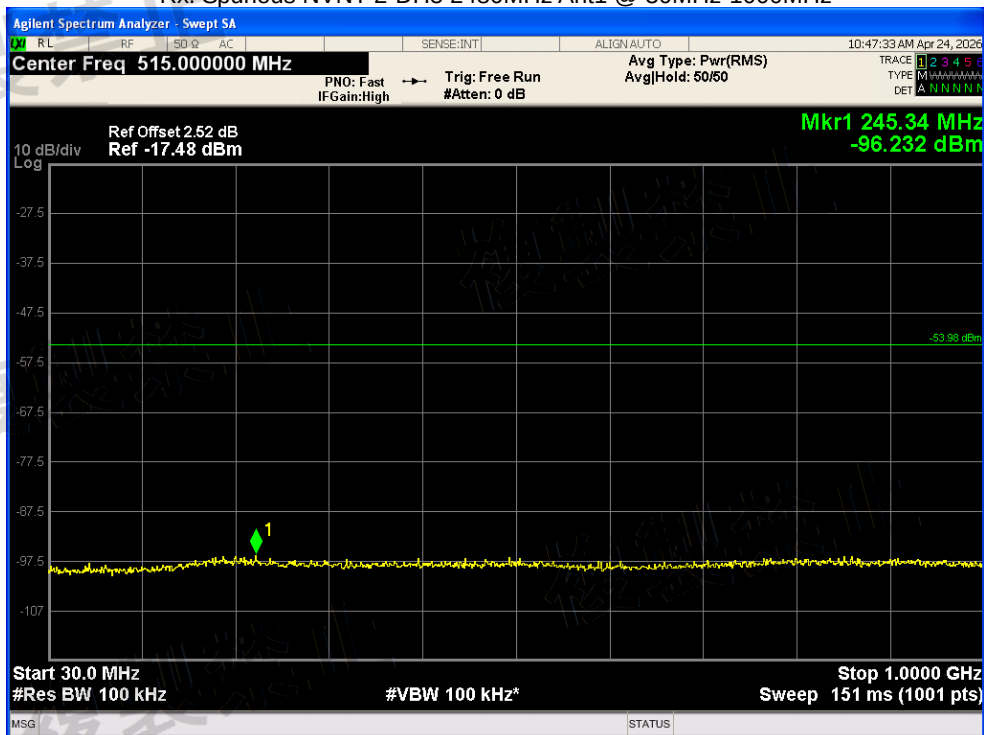
Rx. Spurious NVNT 2-DH5 2441MHz Ant1 @ 30MHz-1000MHz



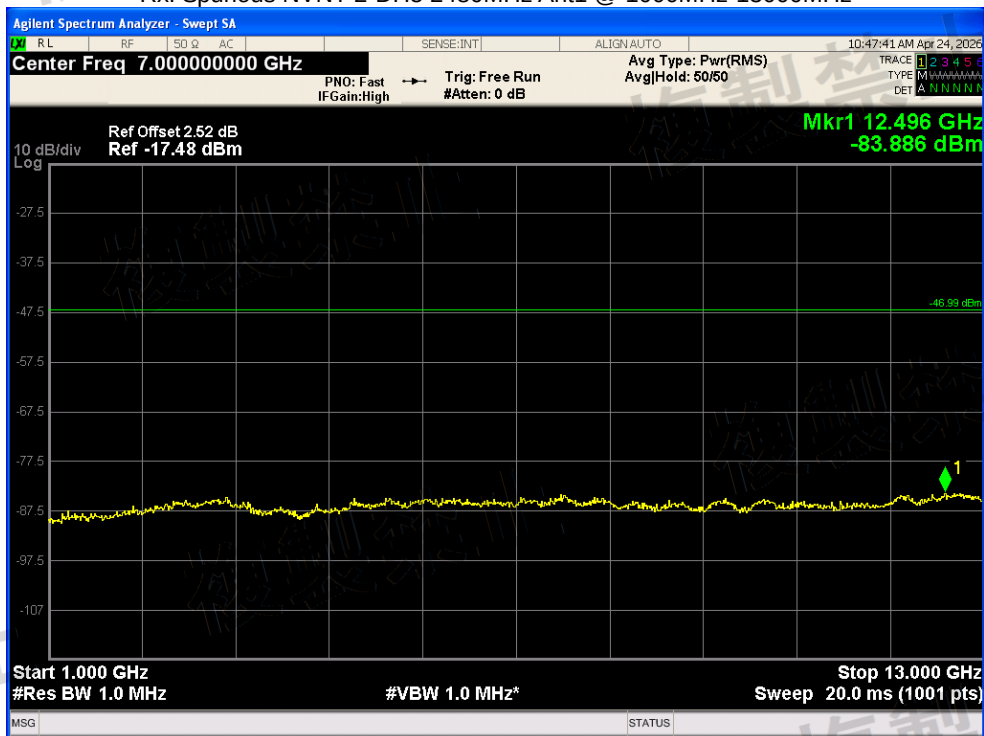
Rx. Spurious NVNT 2-DH5 2441MHz Ant1 @ 1000MHz-13000MHz



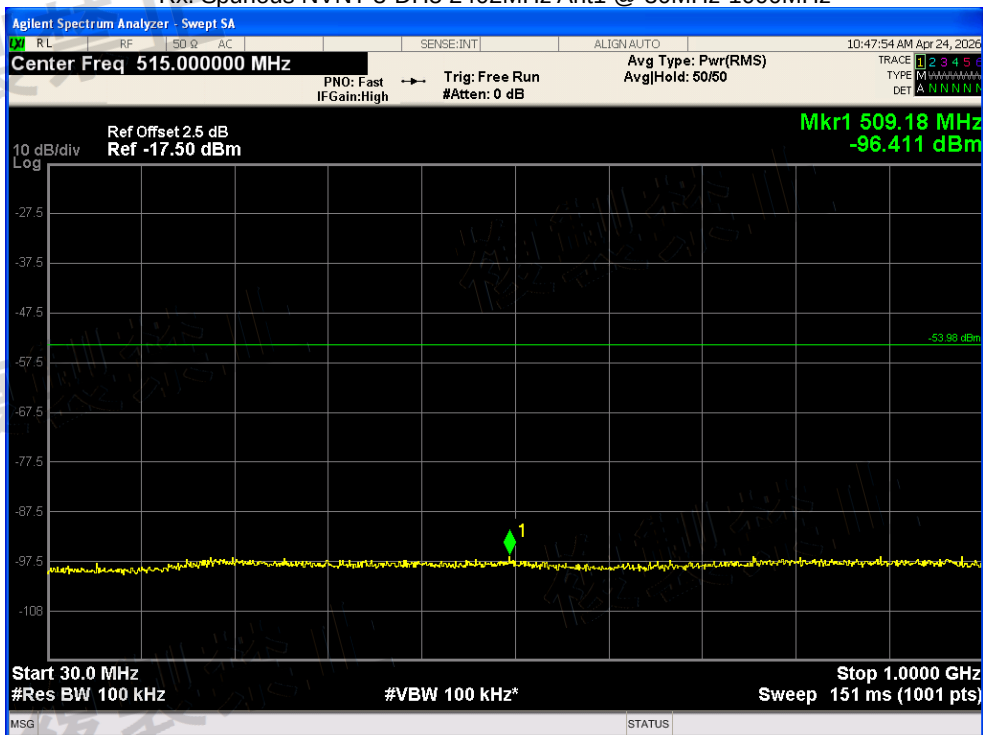
Rx. Spurious NVNT 2-DH5 2480MHz Ant1 @ 30MHz-1000MHz



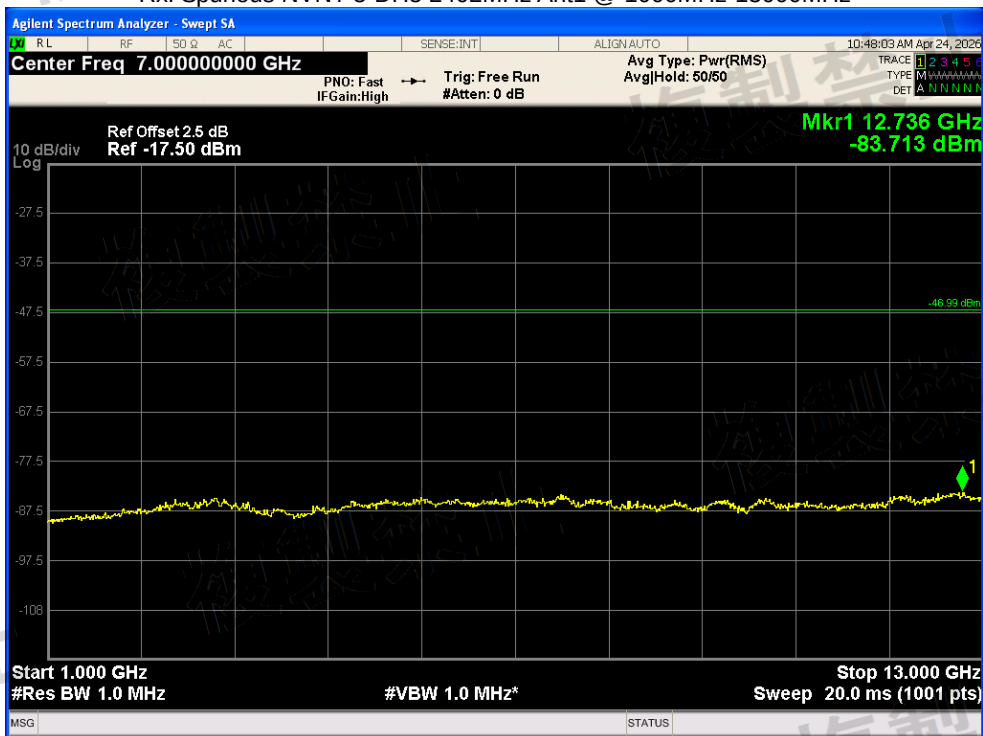
Rx. Spurious NVNT 2-DH5 2480MHz Ant1 @ 1000MHz-13000MHz



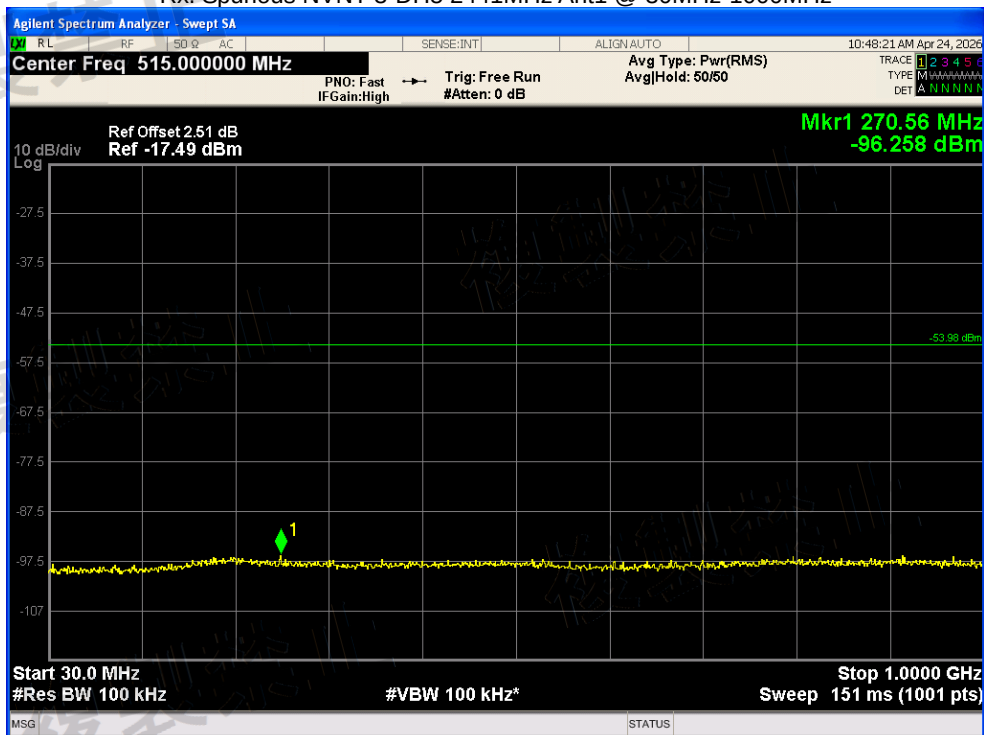
Rx. Spurious NVNT 3-DH5 2402MHz Ant1 @ 30MHz-1000MHz



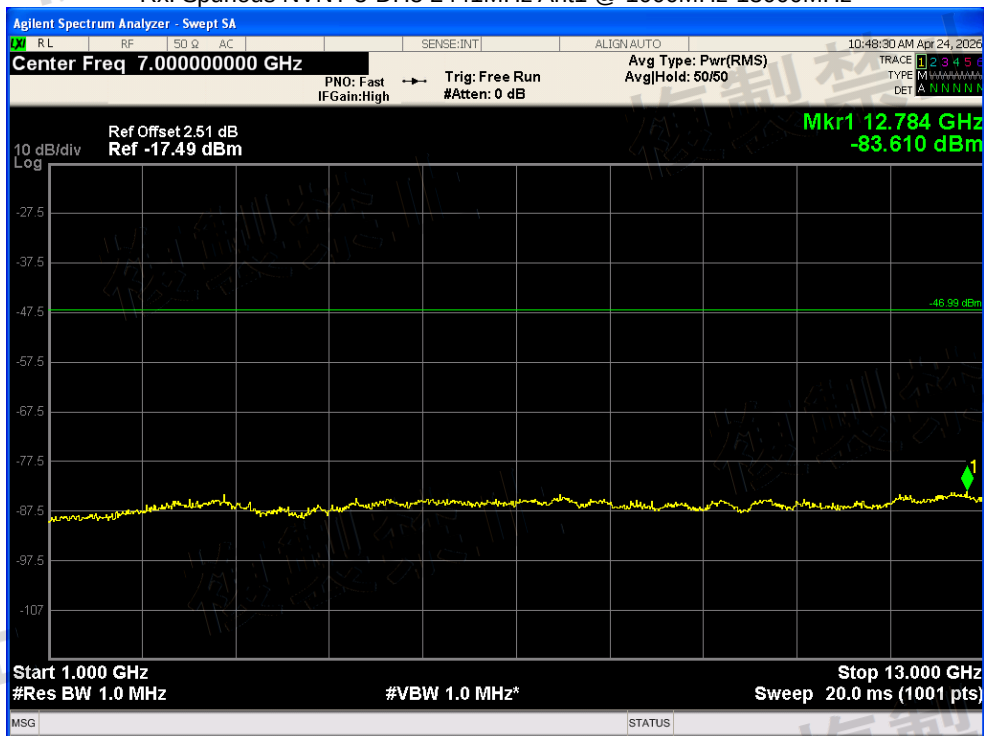
Rx. Spurious NVNT 3-DH5 2402MHz Ant1 @ 1000MHz-13000MHz



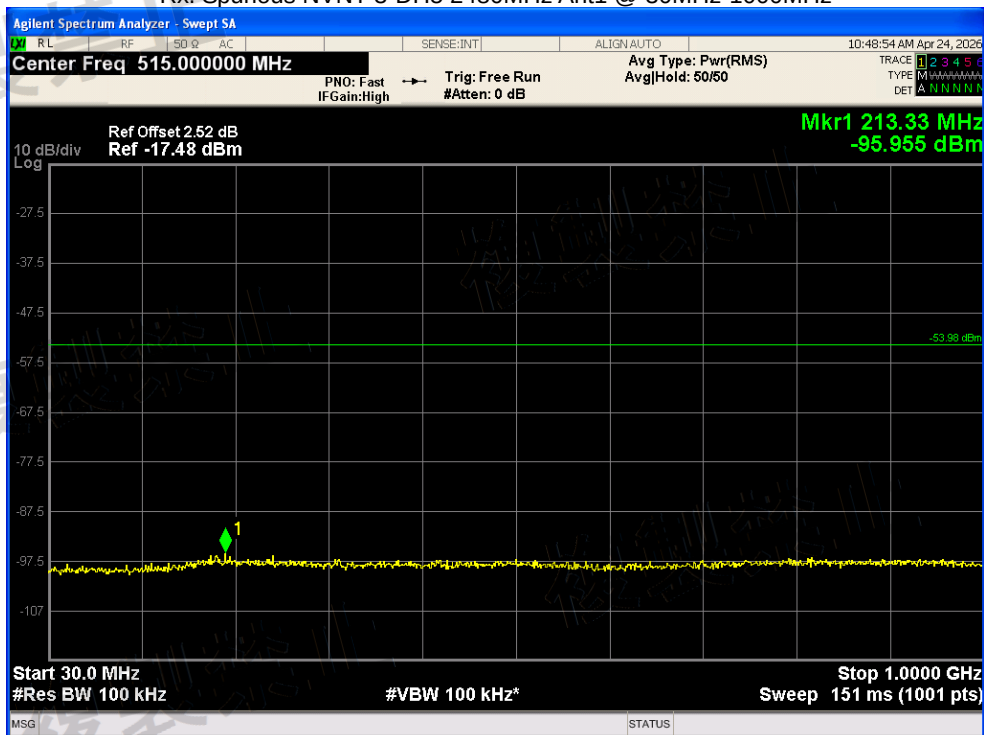
Rx. Spurious NVNT 3-DH5 2441MHz Ant1 @ 30MHz-1000MHz



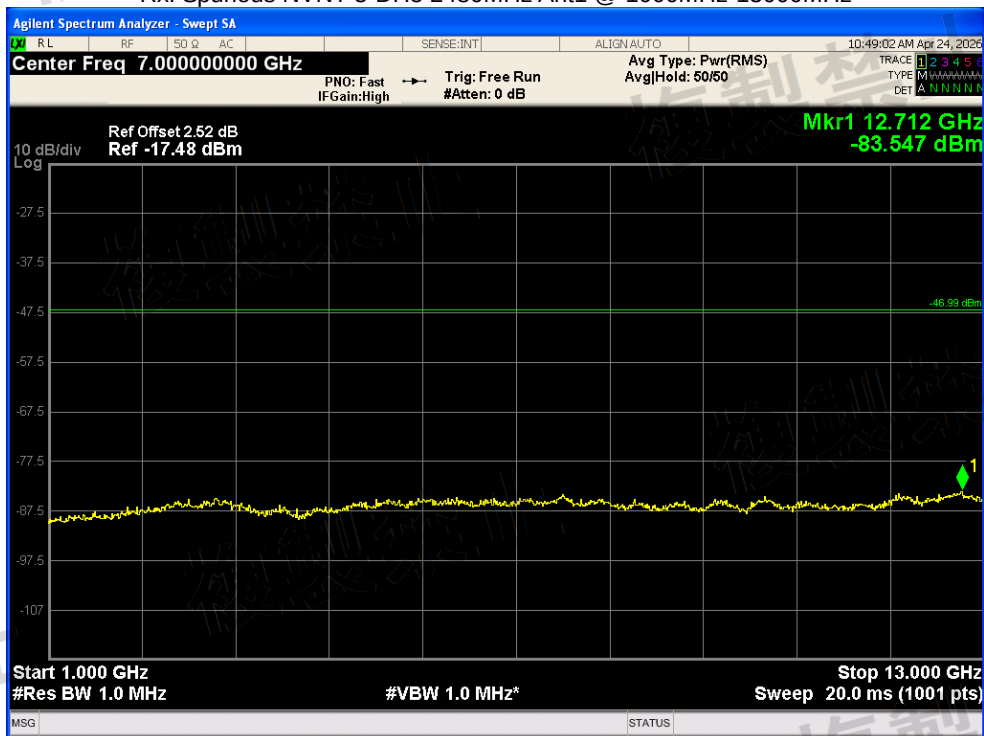
Rx. Spurious NVNT 3-DH5 2441MHz Ant1 @ 1000MHz-13000MHz



Rx. Spurious NVNT 3-DH5 2480MHz Ant1 @ 30MHz-1000MHz



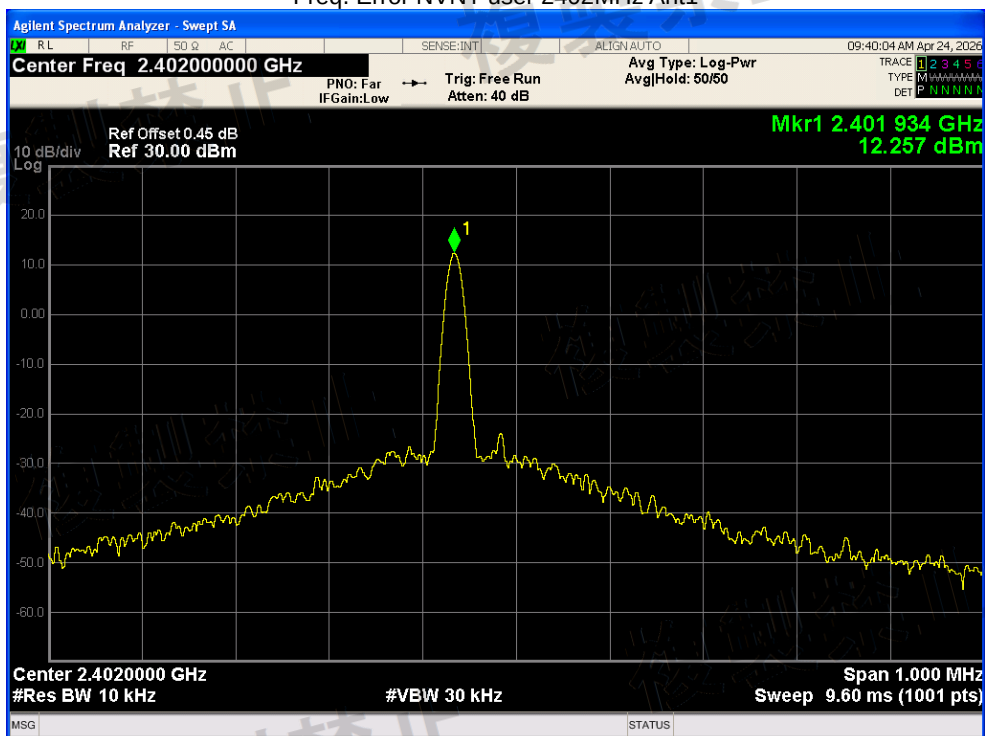
Rx. Spurious NVNT 3-DH5 2480MHz Ant1 @ 1000MHz-13000MHz



13.8 FREQUENCY ERROR

Condition	Mode	Frequency (MHz)	Antenna	Measured Frequency (MHz)	Deviation (ppm)	Limit (ppm)	Verdict
NVNT	Unmodulate	2402	Ant1	2401.934	-27.48	50	Pass
NVNT	Unmodulate	2441	Ant1	2440.933	-27.45	50	Pass
NVNT	Unmodulate	2480	Ant1	2479.932	-27.42	50	Pass

Freq. Error NVNT user 2402MHz Ant1



Freq. Error NVNT user 2441MHz Ant1

