

TEST REPORT

Report No.: BCTC2605360215-3E

Applicant: FFF SMART LIFE CONNECTED Corporation

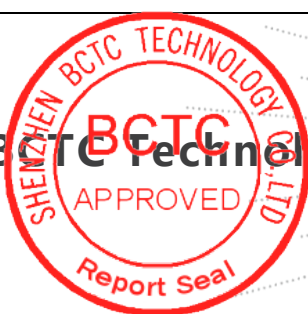
Product Name: Windows tablet

Test Model: F3P20-N100GR

Tested Date: 2026-05-18 to 2026-06-10

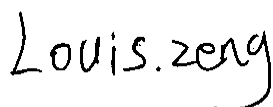
Issued Date: 2026-06-11

Shenzhen BCTC Technology Co., Ltd.



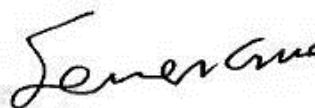
Product Name: Windows tablet
Trademark: N/A
Model/Type reference: F3P20-N100GR
Prepared For: FFF SMART LIFE CONNECTED Corporation
Address: 8-3-4, Fukaya Naka, Ayase-shi, Kanagawa-ken, 252-1107, Japan
Manufacturer: FFF SMART LIFE CONNECTED Corporation
Address: 8-3-4, Fukaya Naka, Ayase-shi, Kanagawa-ken, 252-1107, Japan
Prepared By: Shenzhen BCTC Technology Co., Ltd.
Address: 101M., Unit 1, Building1, Pengyuan, No.18, Lilang Road, Shanglilang Community, Nanwan Street, Longgang District, Shenzhen, Guangdong, P. R.China
Sample Received Date: 2026-05-18
Sample tested Date: 2026-05-18 to 2026-06-10
Issue Date: 2026-06-11
Report No.: BCTC2605360215-3E
Test Standards: ARIB STD-T66
Article 2-1-19
Test Results: PASS
Remark: This is JAPAN RADIO test report.

Tested by:



Louis Zeng/ Project Handler

Approved by:



Sewen Guo/Reviewer

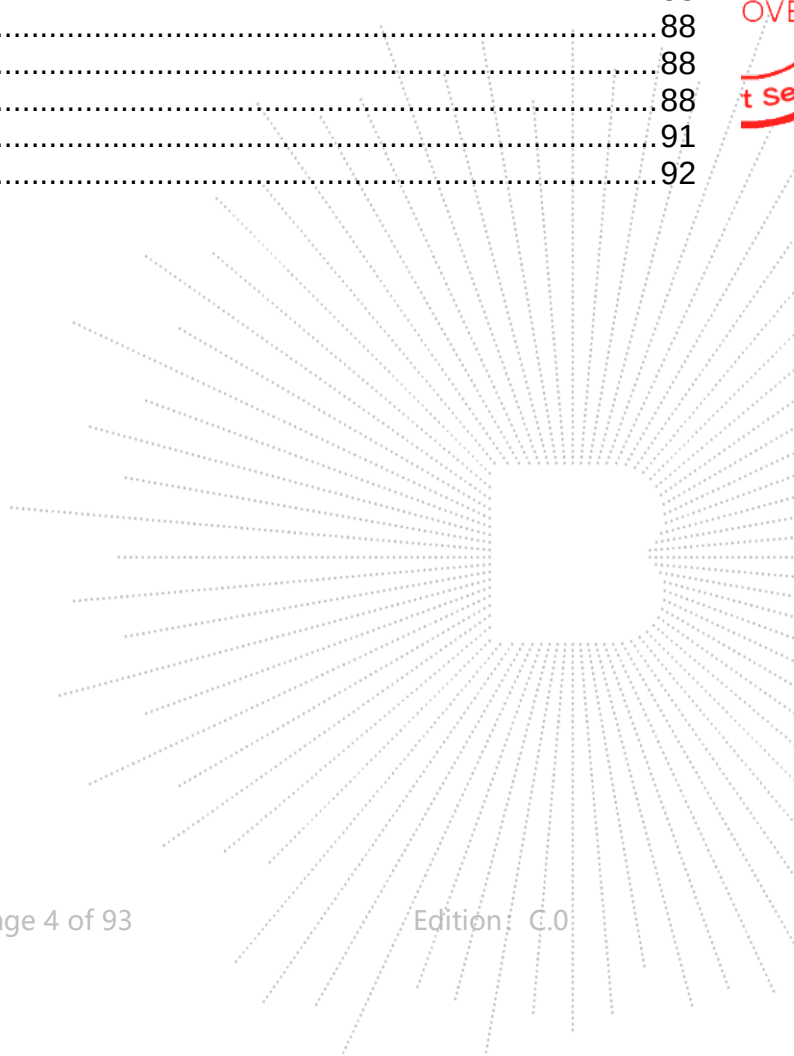
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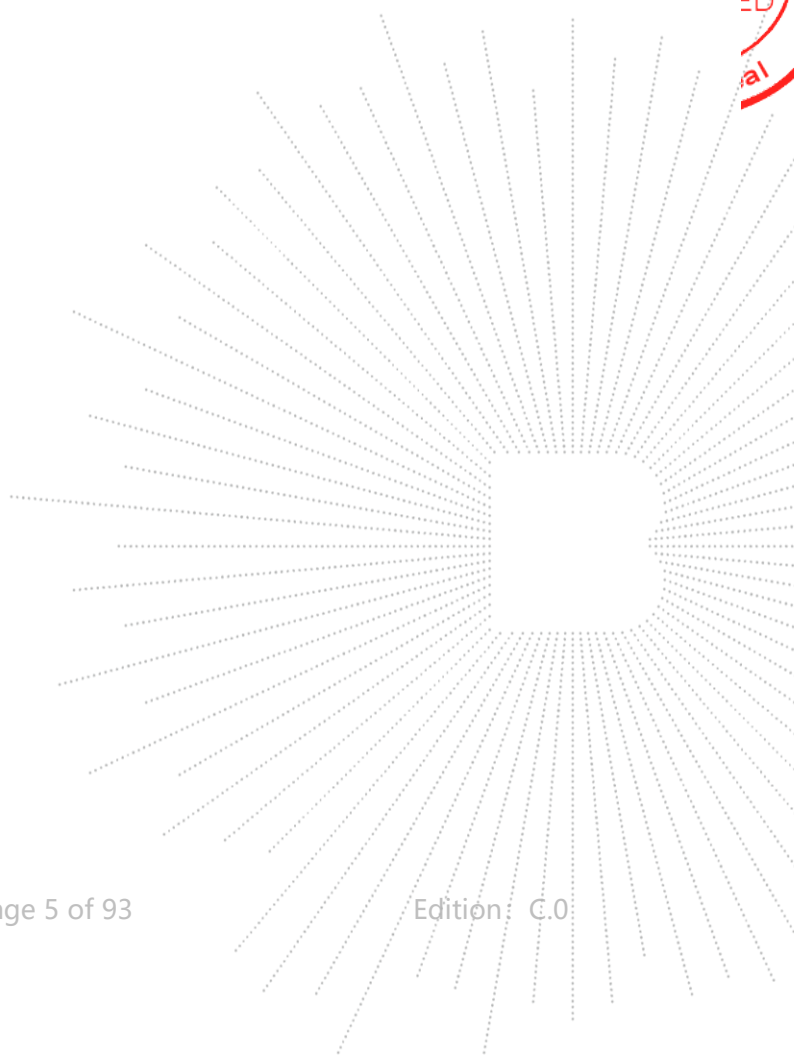
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(Note: N/A Means Not Applicable)



1. Version

Report No.	Issue Date	Description	Approved
BCTC2605360215-3E	2026-06-11	Original	Valid



2. Test Summary

Test procedures according to the technical standards:

Article 2 paragraph 1 of item 19	
Description of Test	Result
Frequency Error	Complies
Occupied Bandwidth (99%) and Spread-spectrum Bandwidth (90%)	Complies
Unwanted Emission Intensity	Complies
Antenna Power Error	Complies
Limitation of Collateral Emission of Receiver	Complies
Transmission Antenna Gain (EIRP Antenna Power)	Complies
Transmission Radiation Angle Width (3Db Bandwidth)	N/A
Radio Interference Prevention Capability	Complies
Carrier Sense Capability	Complies
Construction Protection Confirmation	Complies

Note:

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

CO., LTD.

3. 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 %.

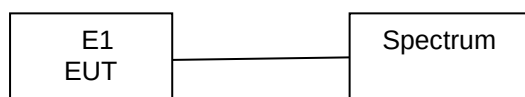
No.	Item	Uncertainty
1	Conducted Emission Test	$\pm 3.2\text{dB}$
2	Radiated Emission Test	$\pm 4.7\text{dB}$
3	RF power, conducted	$\pm 0.16\text{dB}$
4	Spurious emissions, conducted	$\pm 0.21\text{dB}$
5	All emissions, radiated(<1G)	$\pm 4.68\text{dB}$
6	All emissions, radiated(>1G)	$\pm 5.0\text{dB}$
7	frequency error ppm	$\pm 0.5\text{ppm}$

4. Product Information And Test Setup

4.1 Product Information

Model/Type reference:	F3P20-N100GR
Model differences:	N/A
Hardware Version:	N/A
Software Version:	N/A
Operation Frequency:	IEEE 802.11b/g/n HT20: 2412-2472MHz, IEEE 802.11n HT40: 2422-2462MHz
Rated RF Output	802.11b: 3 mW/MHz, 802.11g: 3 mW/MHz
Power Density	802.11nHT20: 4 mW/MHz, 802.11nHT40: 3 mW/MHz
Conducted Power Density	802.11b: 3.03 mW/MHz, 802.11g: 2.40 mW/MHz, 802.11nHT20: 3.98 mW/MHz 802.11nHT40: 3.08 mW/MHz
Type of Modulation:	DSSS/OFDM
Bit Rate of Transmitter	802.11b: 11/5.5/2/1Mbps 802.11g: 54/48/36/24/18/12/9/6Mbps 802.11n: Up to 150Mbps
channel space	5MHz
Number Of Channel:	13 Channels for 802.11b/g/n(HT20) 9 Channels for 802.11n(HT40)
Antenna installation:	Internal antenna Antenna A: 1.96 dBi Antenna B: 2.18 dBi
Antenna Gain:	Remark: ☒ The antenna gain of the product comes from the antenna report provided by the customer, and the test data is affected by the customer information. Antenna gain information is provided by the client and the laboratory is not responsible for its authenticity. ☐ The antenna gain of the product is provided by the customer, and the test data is affected by the customer information. Antenna gain information is provided by the client and the laboratory is not responsible for its authenticity.
Ratings:	Input: DC 12V(3A) from adapter Input AC 100V/60Hz DC 7.6V from battery
Adapter:	Model:JHD-AP040U-120300BA-A Input:100-240V-50/60Hz 1.5A Output:12V-3000mA

4.2 Block Digram Parameters Of Text Software Setting



4.3 Description Of Support Units (Conducted Mode)

Item	Equipment	Mfr/Brand	Model/Type No.	Series No.	Note
E-1	Windows tablet	N/A	F3P20-N100GR	N/A	EUT

Notes:

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”.

4.4 Channel List

Channel List(802.11b/g/n20)					
Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)
01	2412	02	2417	03	2422
04	2427	05	2432	06	2437
07	2442	08	2447	09	2452
10	2457	11	2462	12	2467
13	2472				

Channel List(802.11n40)					
Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)
03	2422	04	2427	05	2432
06	2437	07	2442	08	2447
09	2452	10	2457	11	2462

4.5 Test Mode

Each of these EUT operation mode(s) or test configuration mode(s) mentioned above was evaluated respectively.

Pretest Mode	Description	
Mode1	CH01	802.11b
Mode2	CH07	
Mode3	CH13	
Mode4	RX	
Mode5	CH01	802.11g
Mode6	CH07	
Mode7	CH13	
Mode8	RX	
Mode9	CH01	802.11n20
Mode10	CH07	
Mode11	CH13	
Mode12	RX	
Mode13	CH03	802.11n40
Mode14	CH07	
Mode15	CH11	
Mode16	RX	

Notes: This product does not support RU mode.

4.6 Test Conditions

The devices 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
Input DC Power	7.6V	8.36V	6.84V
RF input point power (DC)	3.3V	3.3V	3.3V

Note:

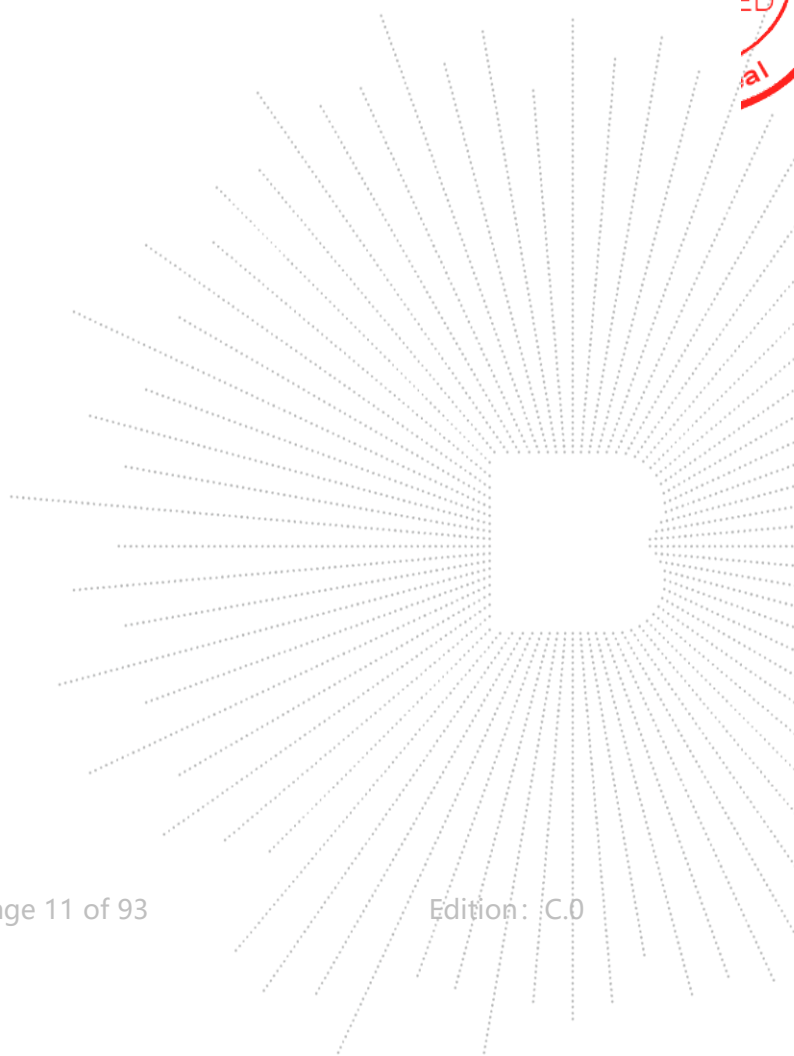
Voltage Variation (%)= (Output high or Low Voltage - Output Normal Voltage)/ Output Normal Voltage* 100

During the EUT input from the external power supply voltage change of $\pm 10\%$, the change of the external power supply of $\pm 10\%$ does not affect the DC 7.6V voltage of the RF, so it is only operated at normal voltage to test all regulations.

4.7 Table Of Parameters Of Test 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

Test software Version	SecureCRT		
Frequency	2412 MHz	2442 MHz	2472 MHz
Parameters	DEF	DEF	DEF
Frequency	2422 MHz	2442 MHz	2462 MHz
Parameters	DEF	DEF	DEF



5. Test Facility And Test Instrument Used

5.1 Test Facility

All measurement facilities used to collect the measurement data are located at Shenzhen BCTC Technology Co., Ltd., Address:101M., Unit 1, Building1, Pengyuan, No.18, Lilang Road, Shanglilang Community, Nanwan Street, Longgang District, Shenzhen, Guangdong, P. R.China. The site and apparatus are constructed in conformance with the requirements of ANSI C63.4 and CISPR 16-1-1 other equivalent standards.

5.2 Test Instrument Used

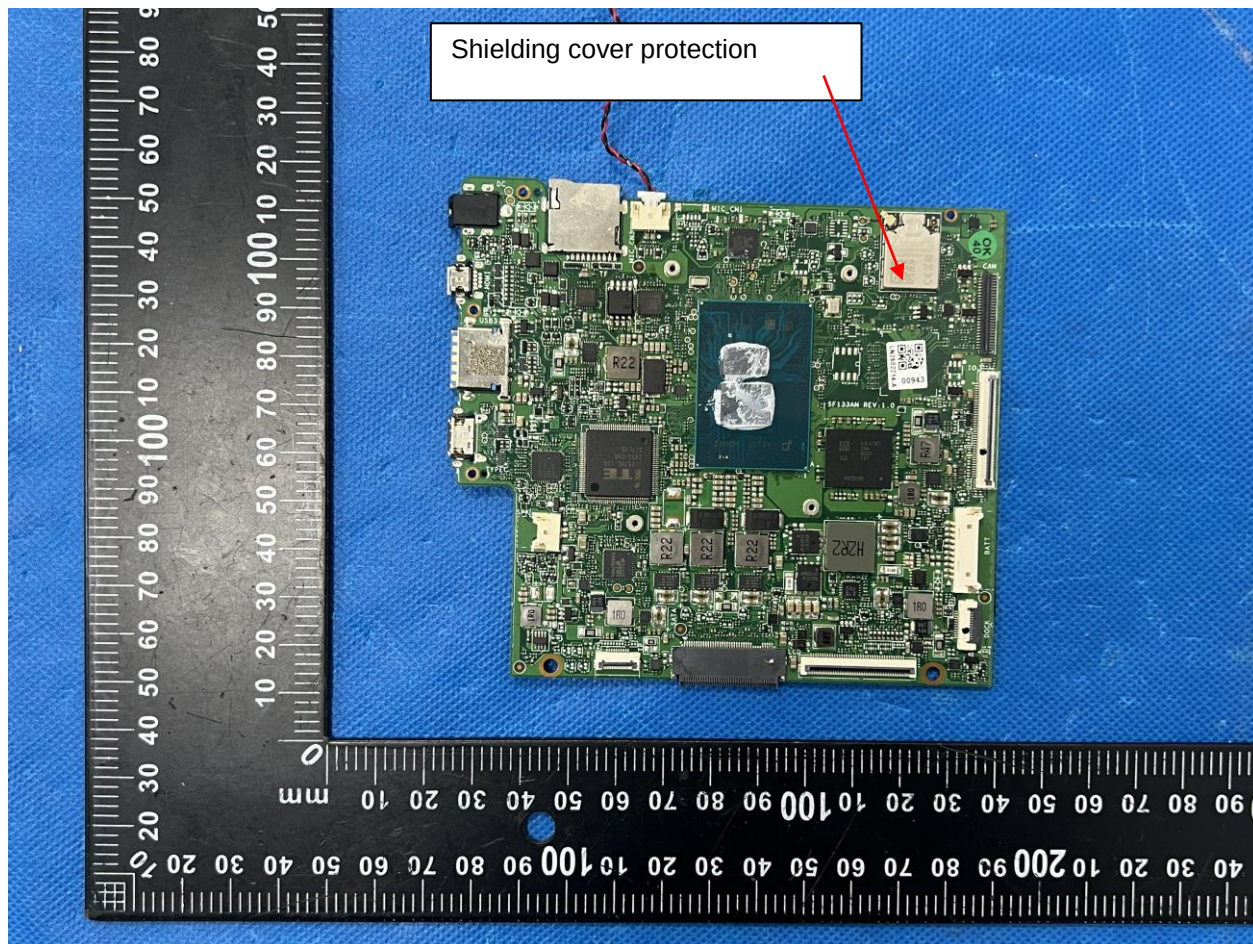
RF Conducted Test					
Equipment	Manufacturer	Model#	Serial#	Last Cal.	Next Cal.
Spectrum Analyzer	Keysight	N9020A	MY51287403	Aug.30, 2025	Aug.29, 2026
Signal Generator	Keysight	N5182A	MY50144088	Aug.30, 2025	Aug.29, 2026
Power Metter	MWRFTest	MW100-RFC B	\	Aug.30, 2025	Aug.29, 2026
Radio frequency control box	MWRFTest	MW100-RFC B	\	\	\
Software	Frad	EZ-EMC	FA-03A2 RE	\	\
Software	Keysight	Keysight.ETS LTest system	1.02.05	\	\
D.C. Power Supply	LongWei	D-41747 Viersen	6230316	Aug.30, 2025	Aug.29, 2026
Communication test set	R&S	CMW500	157483	Aug.30, 2025	Aug.29, 2026
Programmable constant temperature and humidity test chamber	Auchno	OJN-9606-40 8L	19120183	Jul.9, 2025	Jul.8, 2026
Hygrothermograph	Thermo	HTC-1	\	Sep.4, 2024	Aug.31, 2026

Calibration laboratory: CCIC(Shenzhen) Co., Ltd

● Calibration Information (Article 24-2, Paragraph 4 of the Radio Act)	
☐	(a) Calibration conducted by the National Institute of Information and Communications Technology (NICT) or a designated calibration agency under Article 102-18-1 of the Radio Act
☐	(b) Calibration conducted based on the regulations of Article 135 or 144 of the Measurement Act
☒	(c) Calibration conducted in foreign countries, which is equivalent to calibration conducted by the NICT or a designated calibration agency under Article 102-18-1 of the Radio Act
☐	(d) Calibration, etc. conducted by using measuring instruments and other facilities listed at the bottom of appended table 3 of the Radio Act, which is to have been calibrated as described in (a) through (c) above

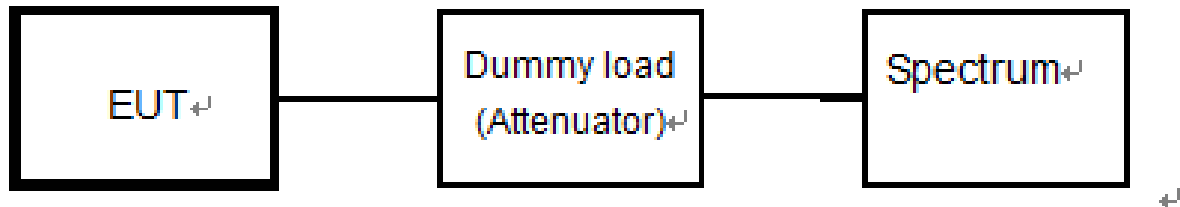
6. Tamperproof Declaration

The RF and modulation portions are protected against illegal modifications as follows:



7. Frequency Error

7.1 Block Diagram Of Test Setup



7.2 Limit

Item	Limits
Frequency Error	±50ppm

7.3 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

7.4 Test Procedure

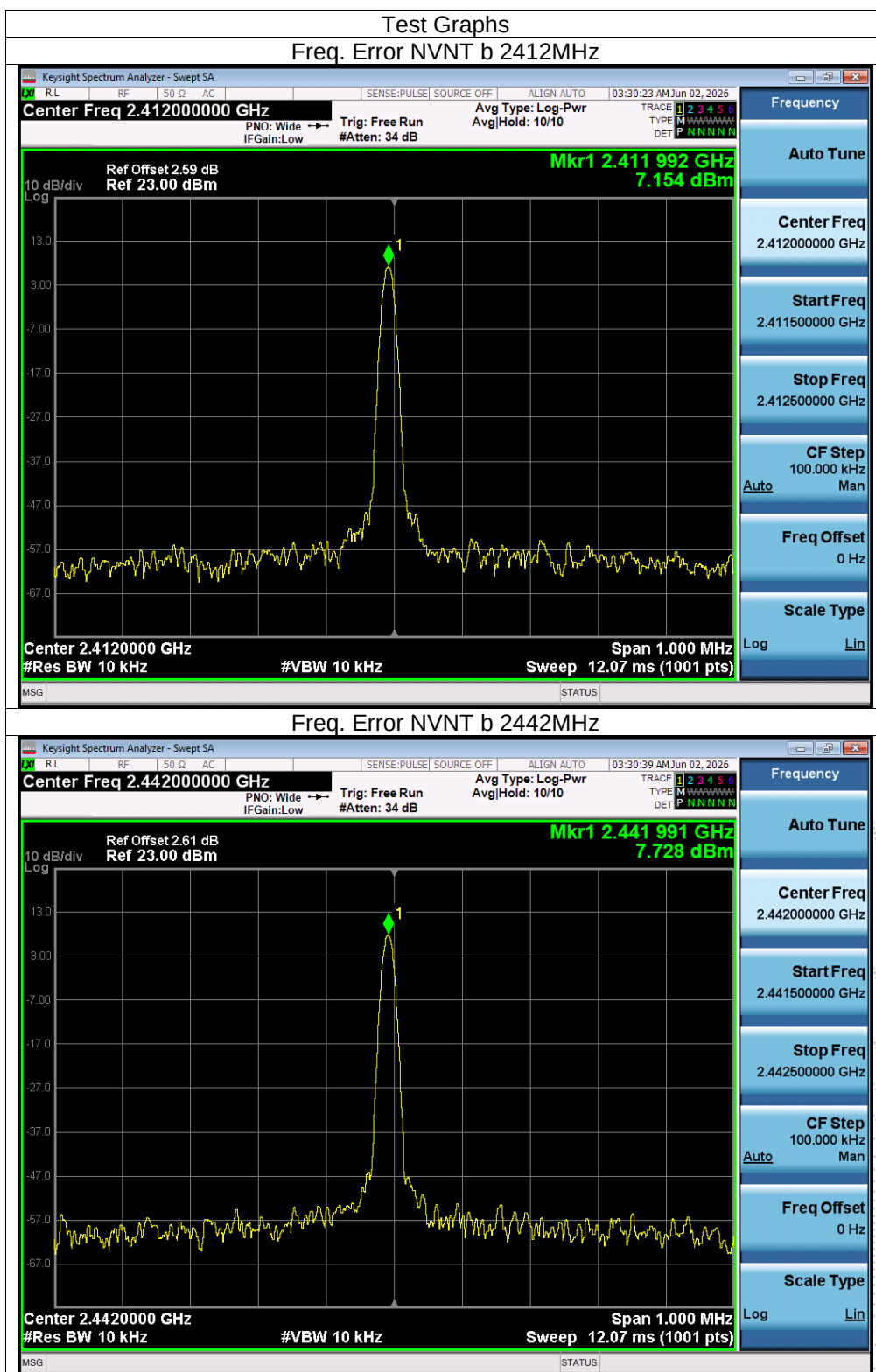
- (1) In the case of unmodulated signal (continuous or continuous burst), measure the frequency directly by a frequency meter.
 - (2) In the case of burst waves, the measurement shall be done for enough time in order to obtain the enough measuring accuracy, and the average of the measured values becomes 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.

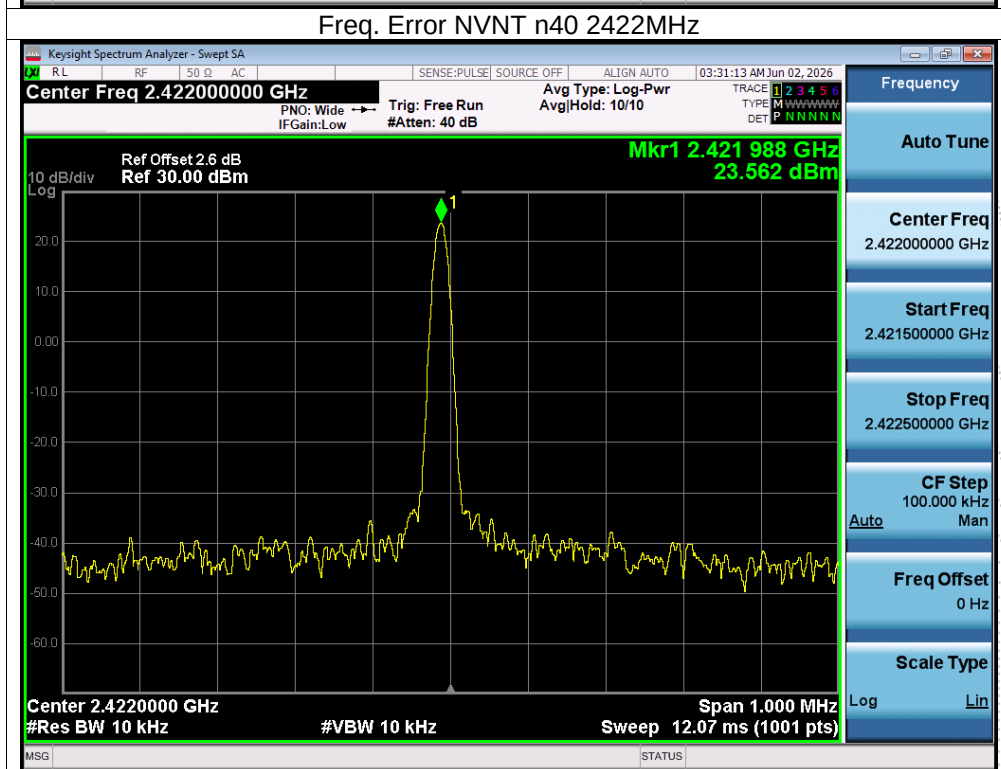
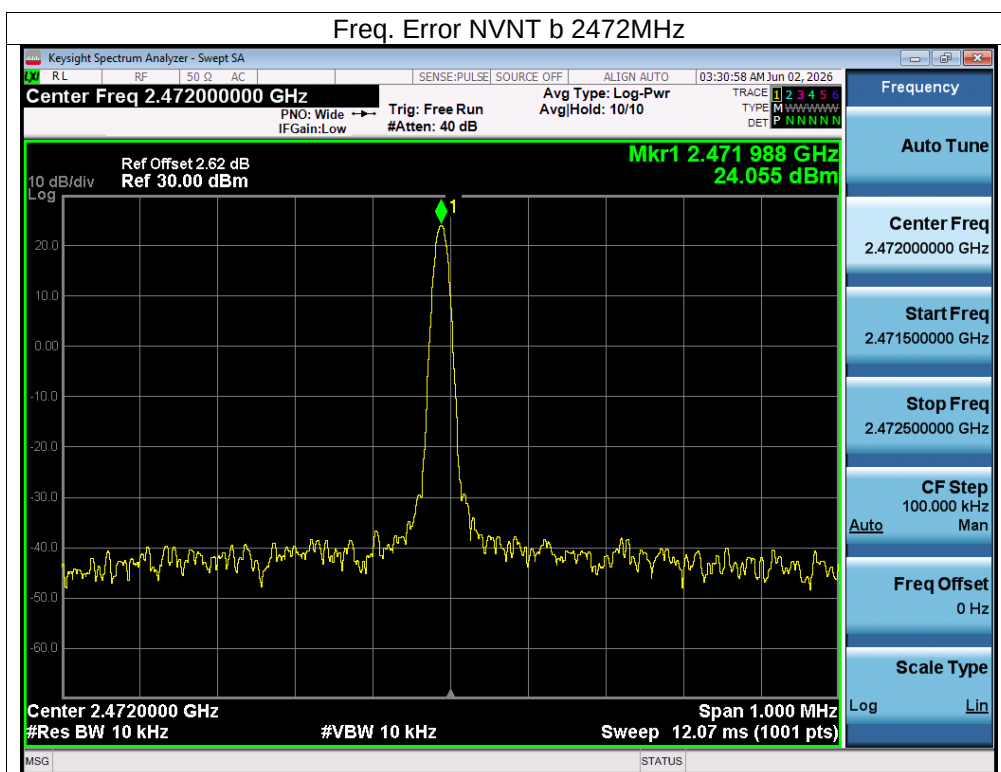
7.5 Test Result

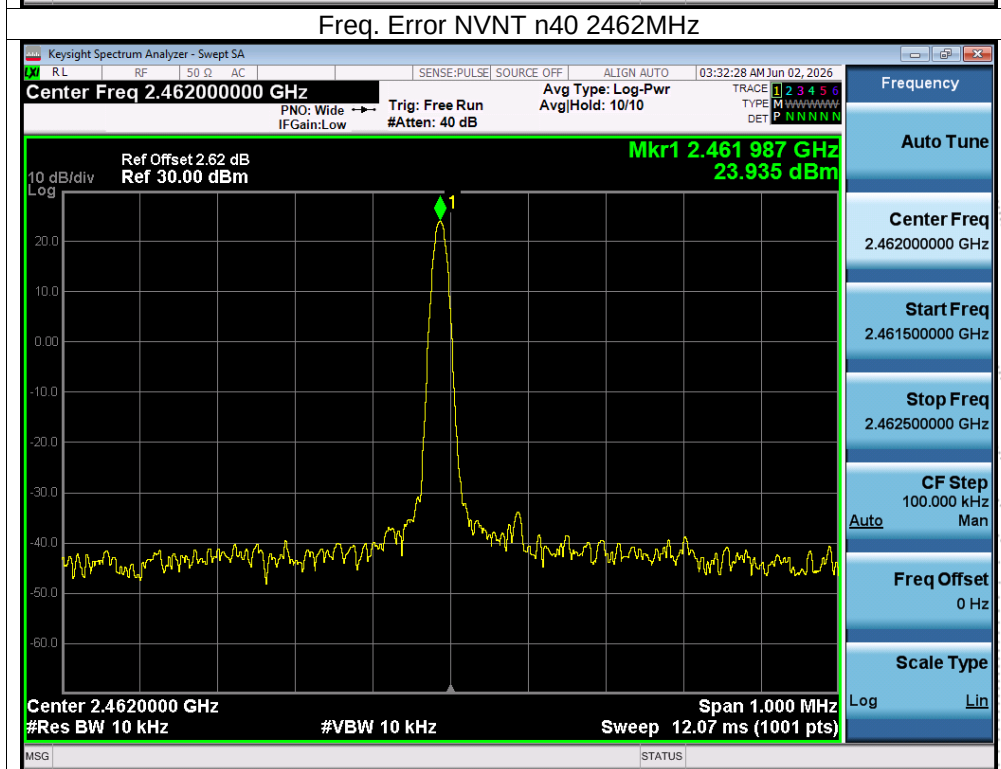
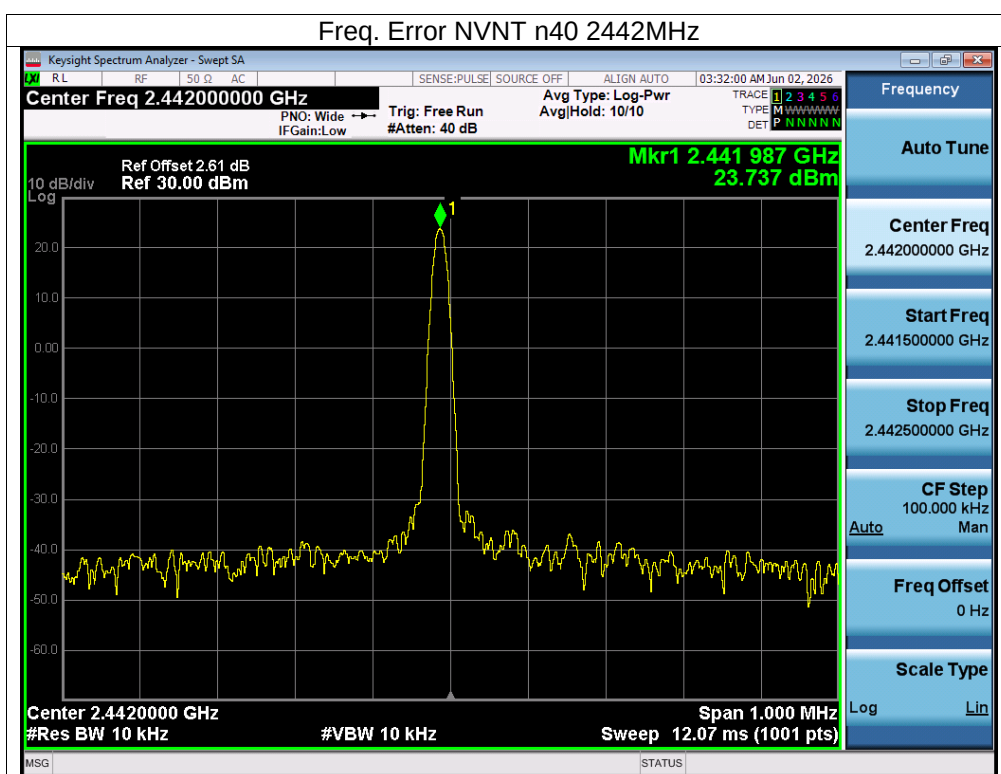
ANT A

Temperature:	25°C		
Humidity:	55 % RH	Test Voltage	DC 7.6V

Condition	Frequency (MHz)	Measured Frequency (MHz)	Frequency Error (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
NVNT	2412	2411.992	-8000	-3.32	50	Pass
NVNT	2442	2441.991	-9000	-3.69	50	Pass
NVNT	2472	2471.988	-12000	-4.85	50	Pass
NVNT	2422	2421.988	-12000	-4.95	50	Pass
NVNT	2442	2441.987	-13000	-5.32	50	Pass
NVNT	2462	2461.987	-13000	-5.28	50	Pass





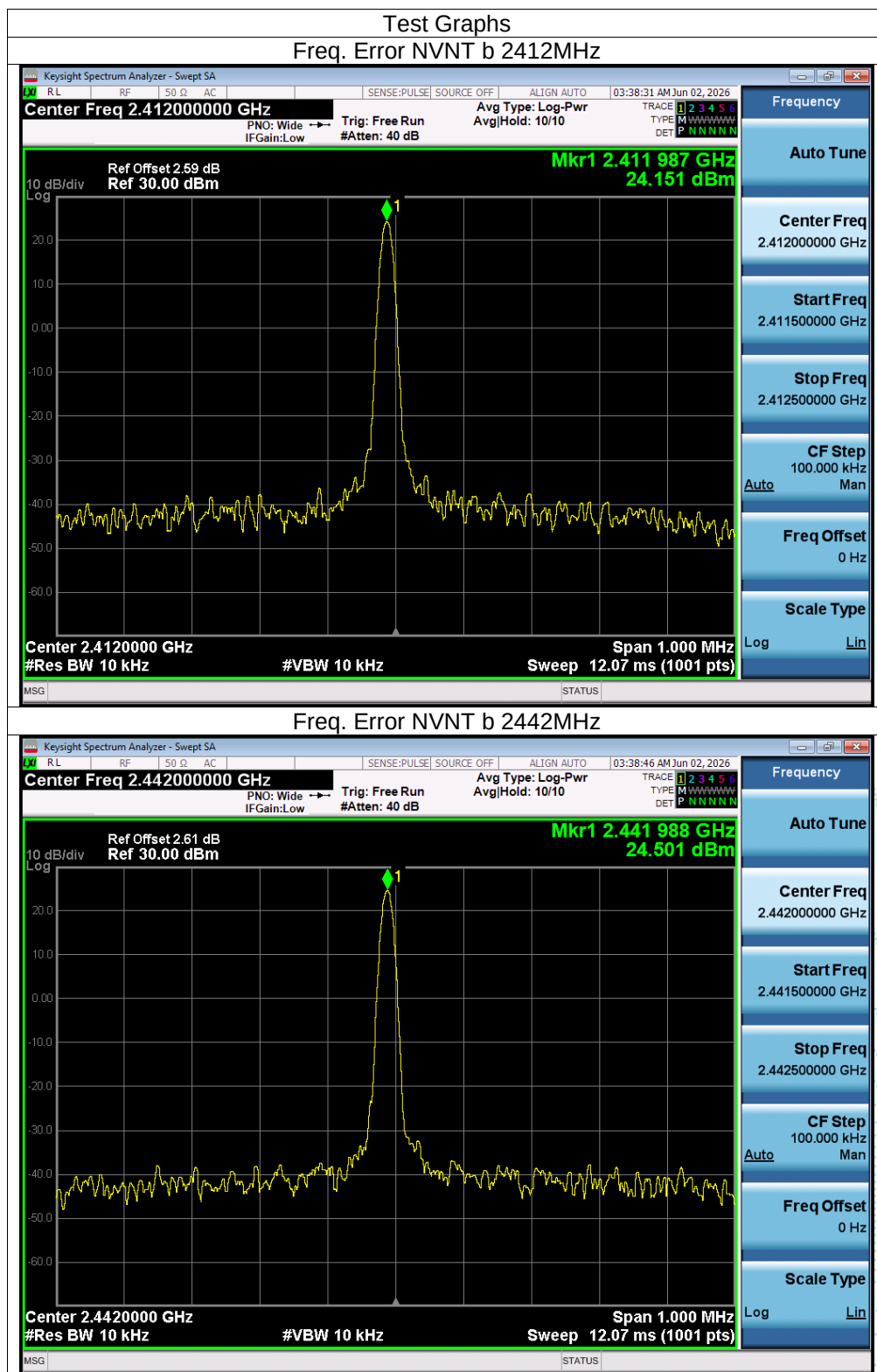


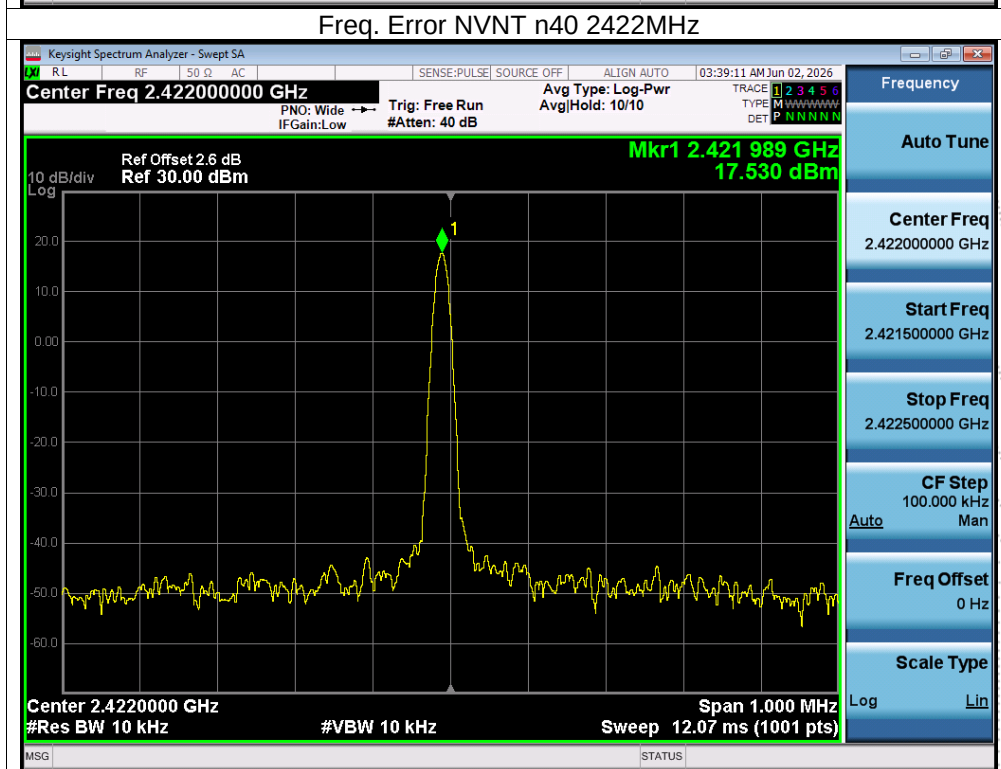
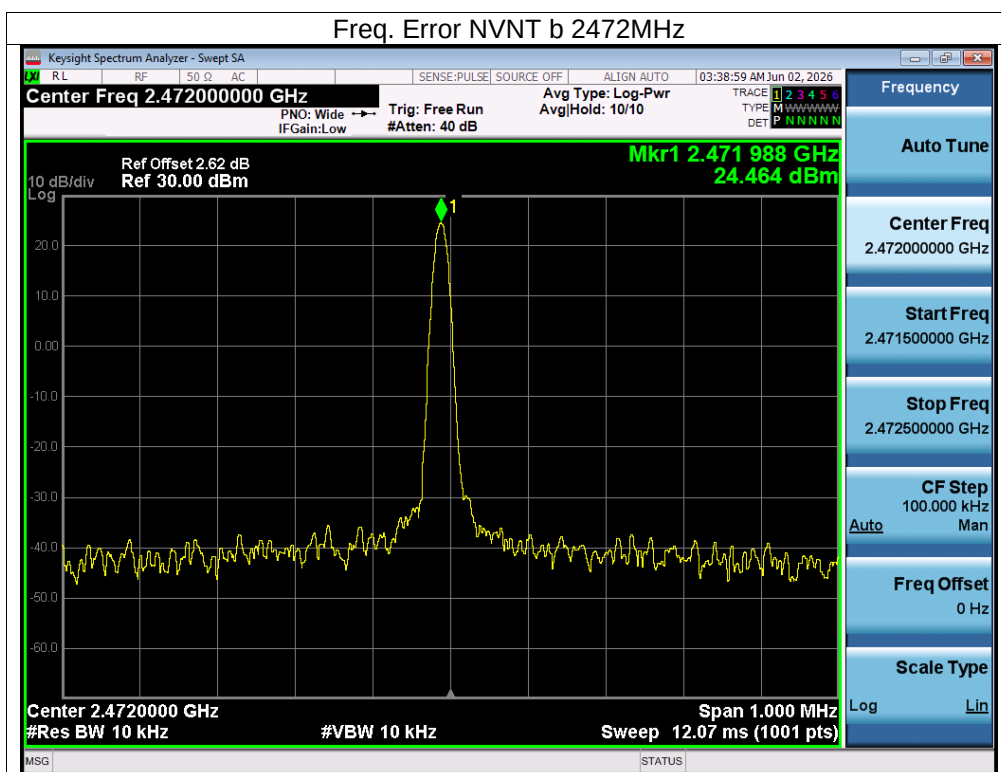
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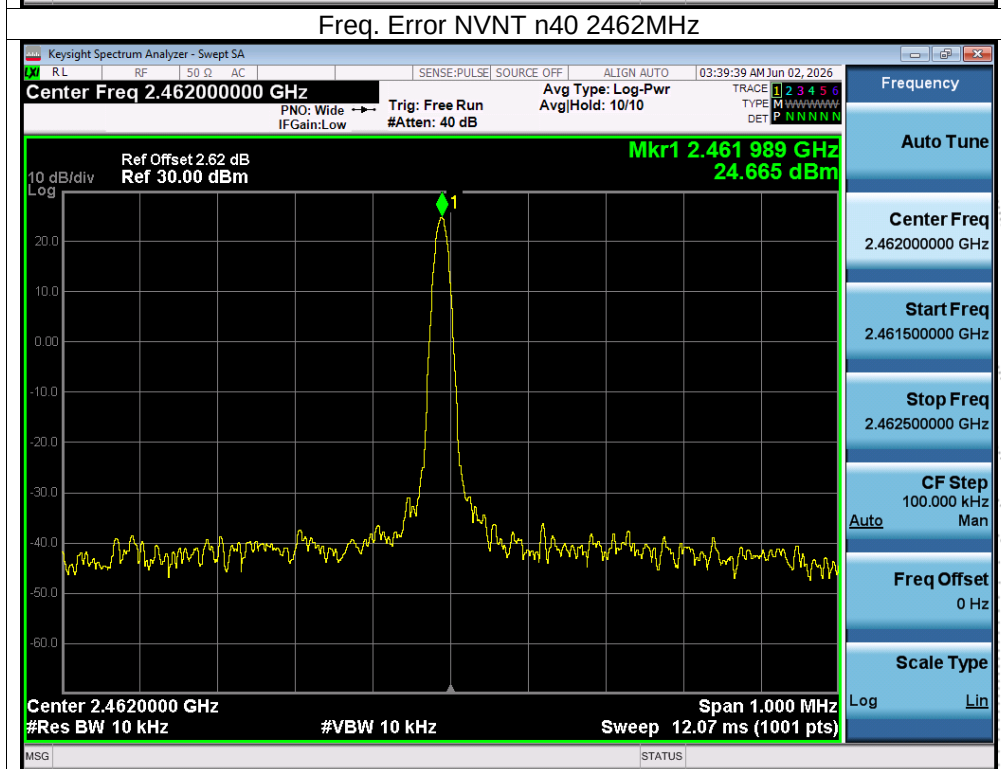
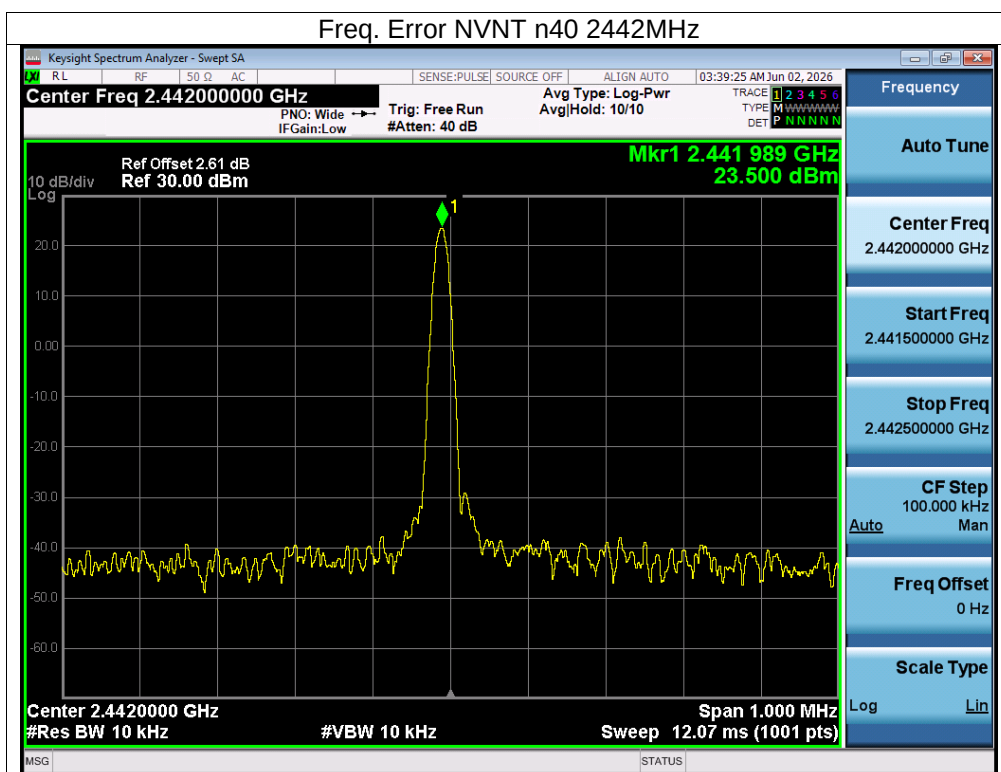
ANT B

Temperature:	25°C		
Humidity:	55 % RH	Test Voltage	DC 7.6V

Condition	Frequency (MHz)	Measured Frequency (MHz)	Frequency Error (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
NVNT	2412	2411.987	-13000	-5.39	50	Pass
NVNT	2442	2441.988	-12000	-4.91	50	Pass
NVNT	2472	2471.988	-12000	-4.85	50	Pass
NVNT	2422	2421.989	-11000	-4.54	50	Pass
NVNT	2442	2441.989	-11000	-4.5	50	Pass
NVNT	2462	2461.989	-11000	-4.47	50	Pass

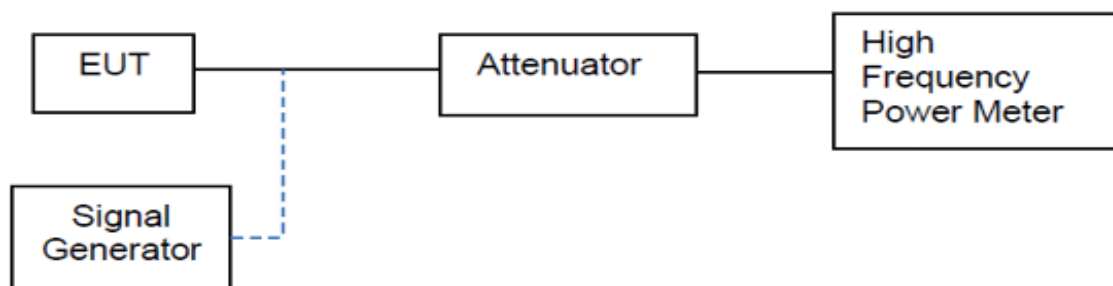






8. Antenna Power

8.1 Block Diagram Of Test Setup



8.2 Limit

Item	Limits
Antenna Power Density	(1) $\leq 3\text{mW/MHz}$ (FH, FH+DS, FH+OFDM form 2400 - 2483.5 MHz) (2) $\leq 10\text{mW/MHz}$ (OFDM OBW < 26MHz, DS, FH other than (1)) (3) $\leq 5\text{mW/MHz}$ (OFDM OBW 26-38MHz) (4) $\leq 10\text{mW}$ (Other than (1) & (2)& (3))
Antenna Power Error	+20%, -80% (Base on manufacturer declare antenna power density)

8.3 Test Procedure

Step 1: Connect the EUT to the Spectrum analyser and use the following settings:

Centre Frequency: The Centre frequency of the channel under test.

RBW: 1 MHz.

VBW: 1 MHz.

Span: Wide enough to cover the complete power envelope of the signal of the EUT.

Detector: Peak.

Trace Mode: Max Hold.

Step 2: When the trace is complete, find the peak value of the power envelope and record the frequency.

Step 3: Make the following changes to the settings of the Spectrum analyser:

Centre Frequency: Equal to the frequency recorded in step 2.

Span: 0 Hz.

RBW: 1 MHz.

VBW: 1 MHz.

Detector: Peak.

Trace Mode: Max Hold

8.4 Test Result

Temperature:	25°C		
Humidity:	55 % RH	Test Voltage	DC 7.6V

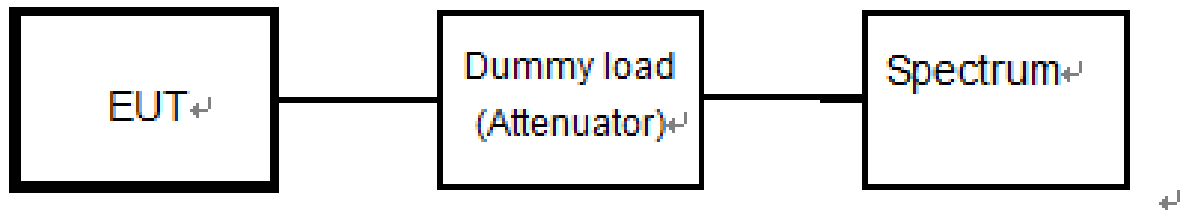
Condition	Mode	Frequency (MHz)	Power (dBm/MHz)		Antenna Power (mW/MHz)			
			ANT A	ANT B	ANT A	ANT B	Total	Limit
NVNT	b	2412	4.27	4.75	2.67	2.99	/	10
NVNT	b	2442	4.37	4.82	2.74	3.03	/	10
NVNT	b	2472	3.94	4.68	2.48	2.94	/	10
NVNT	g	2412	3.72	7.6	2.36	2.40	/	10
NVNT	g	2442	3.43	3.75	2.20	2.37	/	10
NVNT	g	2472	-1.79	-1.61	0.66	0.69	/	10
NVNT	n20	2412	2.92	3.06	1.96	2.02	3.98	10
NVNT	n20	2442	2.23	2.4	1.67	1.74	3.41	10
NVNT	n20	2472	-4.33	-3.35	0.37	0.46	0.83	10
NVNT	n40	2422	1.83	1.83	1.52	1.52	3.05	5
NVNT	n40	2442	1.48	2.24	1.41	1.67	3.08	5
NVNT	n40	2462	1.71	-0.03	1.48	0.99	2.48	5

Condition	Mode	Frequency (MHz)	Declared Power (mW/MHz)	Tolerance (%)			Upper Limit (%)	Lower Limit (%)	Verdict
				ANT A	ANT B	Total			
NVNT	b	2412	3	-11	0	/	20	-80	Pass
NVNT	b	2442	3	-9	1	/	20	-80	Pass
NVNT	b	2472	3	-17	-2	/	20	-80	Pass
NVNT	g	2412	3	-21	-20	/	20	-80	Pass
NVNT	g	2442	3	-27	-21	/	20	-80	Pass
NVNT	g	2472	3	-78	-77	/	20	-80	Pass
NVNT	n20	2412	4	/	/	0	20	-80	Pass
NVNT	n20	2442	4	/	/	-15	20	-80	Pass
NVNT	n20	2472	4	/	/	-79	20	-80	Pass
NVNT	n40	2422	3	/	/	2	20	-80	Pass
NVNT	n40	2442	3	/	/	3	20	-80	Pass
NVNT	n40	2462	3	/	/	-17	20	-80	Pass



9. Occupied Bandwidth And Spread-Spectrum Bandwidth Measurement

9.1 Block Diagram Of Test Setup



9.2 Limit

Item	Limits
Occupied Band Width:	802.11b,g,n(HT20): 26MHz or less
Spreading Bandwidth:	≥ 500 kHz (FH, DS)

9.3 Test Procedure

1. Setting of SA is following as: RB: 300 kHz / VB: 300 kHz / SPAN: 3MHz / AT: 20dB Ref: 10dBm / Sweep time: Auto / Sweep Mode: Continuous sweep / Detect mode: Positive peak / Trace mode: Max hold
2. EUT have transmitted the maximum modulation signal and fixed channelize (For DSSS or OFDM Device) or continuous maximum power of hopping mode (For FHSS Device).
SA set to 99% of occupied bandwidth to measure occupied bandwidth.
The limit is less than 26MHz (For DSSS or OFDM Device) or 83.5MHz (For FHSS Device).
3. SA set to 90% of occupied bandwidth to measure Spread Spectrum Bandwidth and must greater than 500 kHz.
4. Spread Spectrum Factor = Spread Spectrum Bandwidth / modulation rate of EUT.
5. Spread Spectrum Factor limit is greater than 5

9.4 Test Result

Temperature:	25°C		
Humidity:	55 % RH	Test Voltage	DC 7.6V

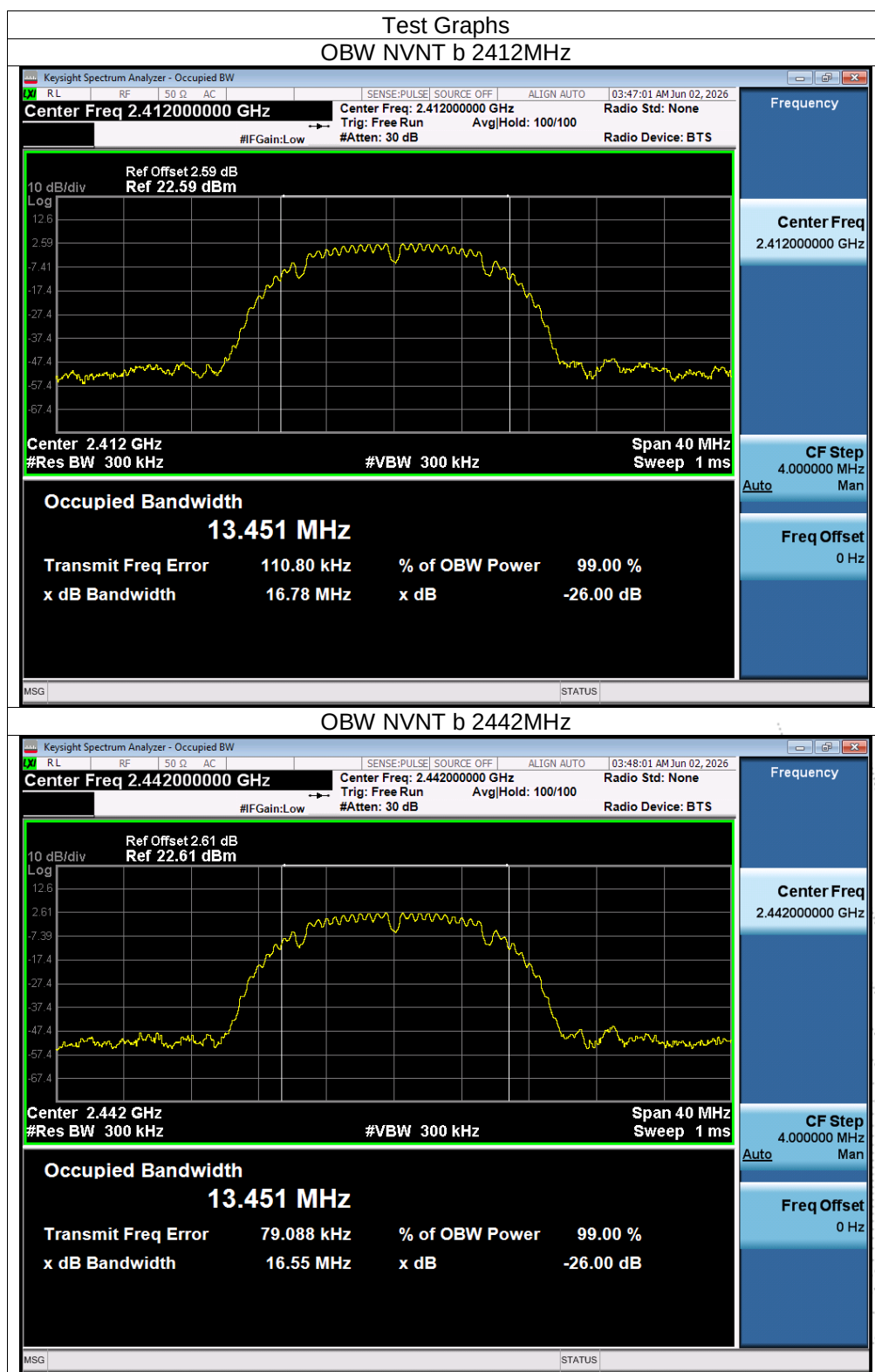
Antenna A

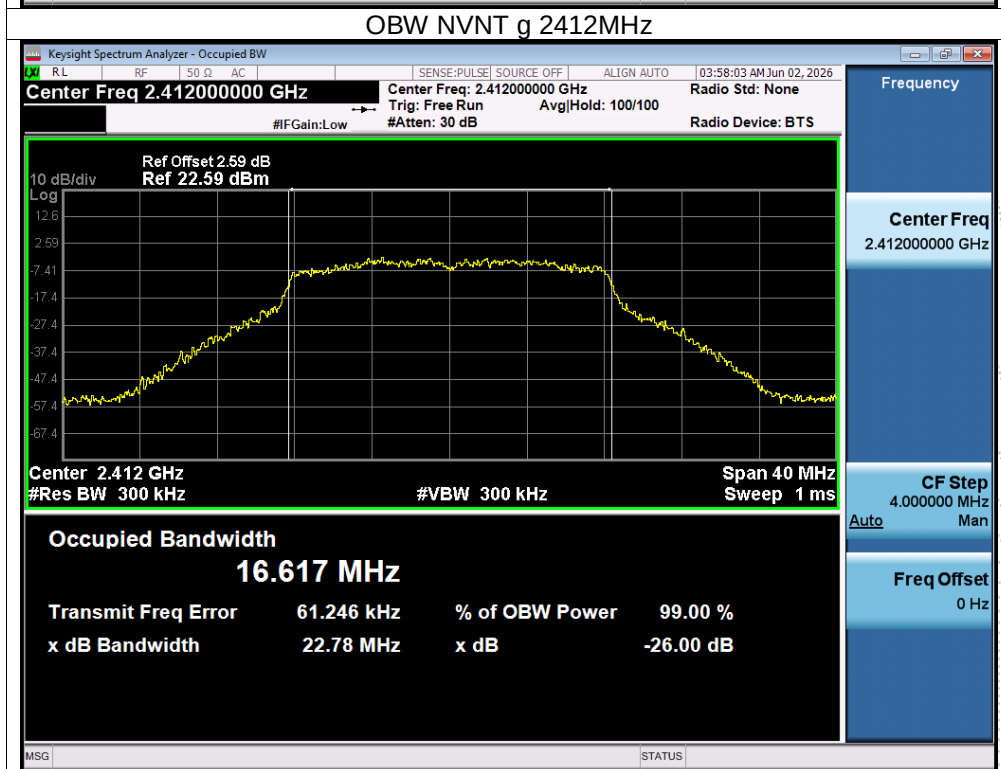
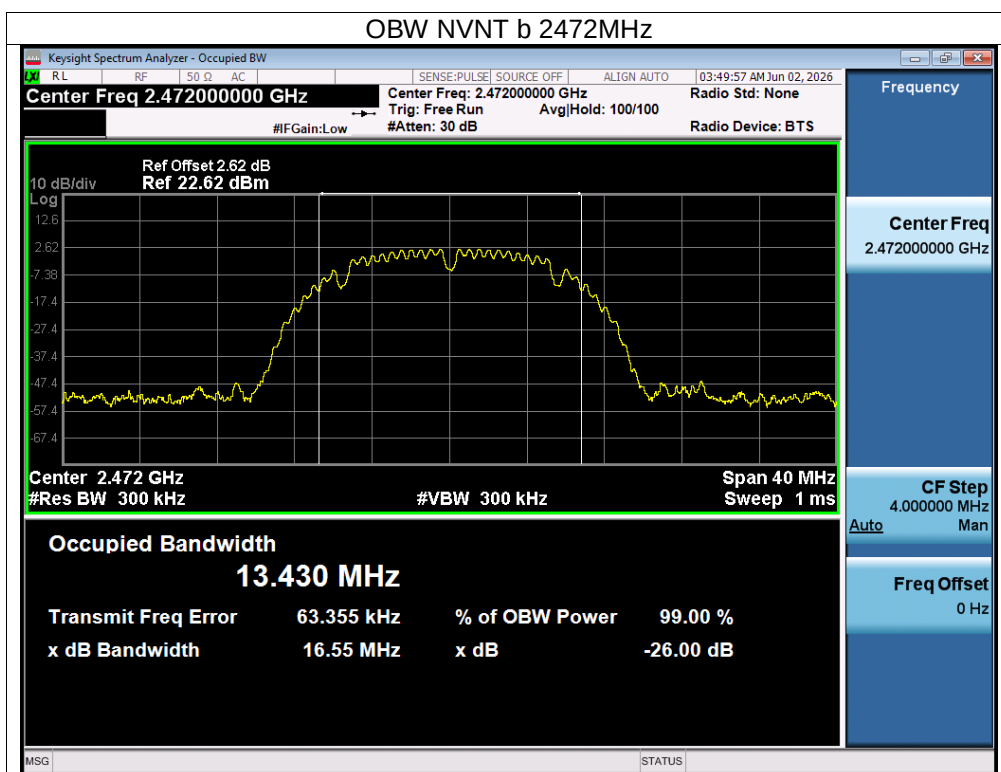
Condition	Mode	Frequency (MHz)	99% OBW (MHz)	90% OBW (MHz)	Spread Factor(MHz)	Verdict
NVNT	b	2412	13.447	9.51	6.916	Pass
NVNT	b	2442	13.436	9.519	6.923	Pass
NVNT	b	2472	13.433	9.515	6.920	Pass
NVNT	g	2412	16.605	14.132	9.421	Pass
NVNT	g	2442	16.708	14.167	9.445	Pass
NVNT	g	2472	16.492	14.027	9.351	Pass
NVNT	n20	2412	17.778	15.045	10.030	Pass
NVNT	n20	2442	17.737	15.067	10.045	Pass
NVNT	n20	2472	17.666	14.985	9.990	Pass
NVNT	n40	2422	35.903	29.847	9.949	Pass
NVNT	n40	2442	36.006	30.209	10.070	Pass
NVNT	n40	2462	35.942	30.089	10.030	Pass

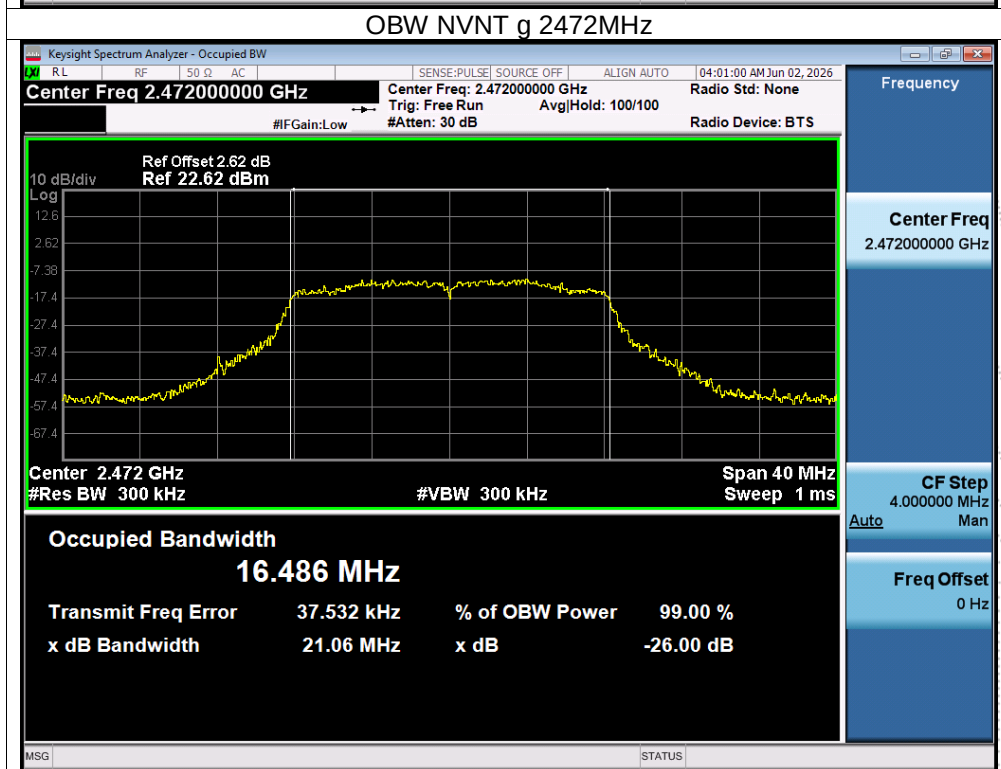
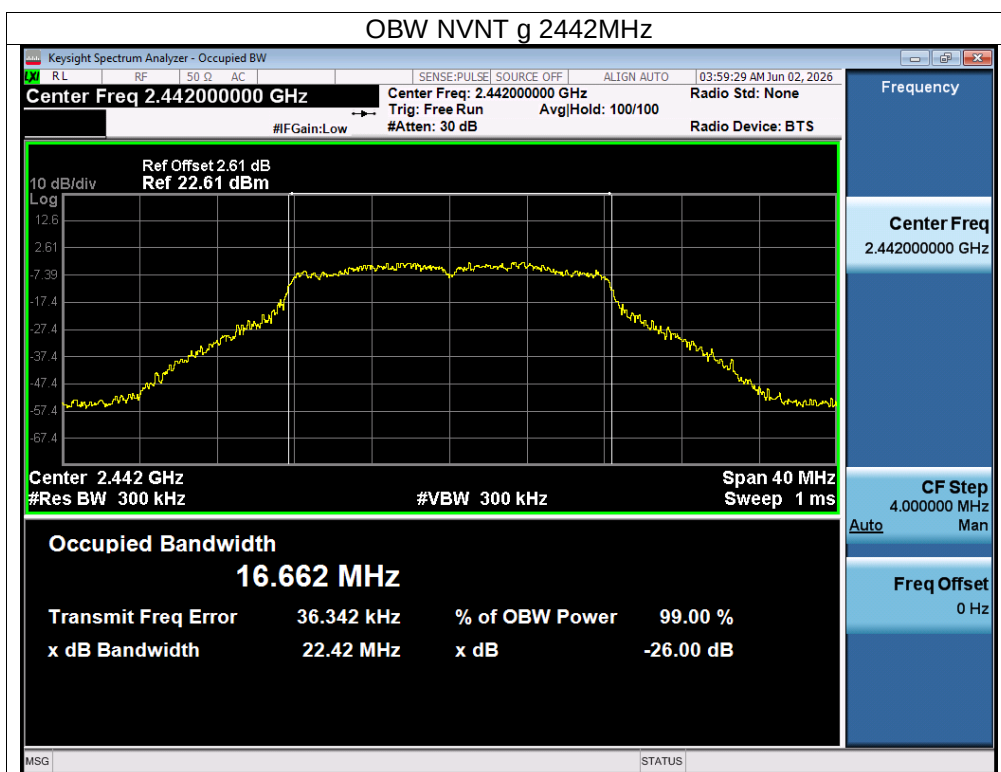
Antenna B

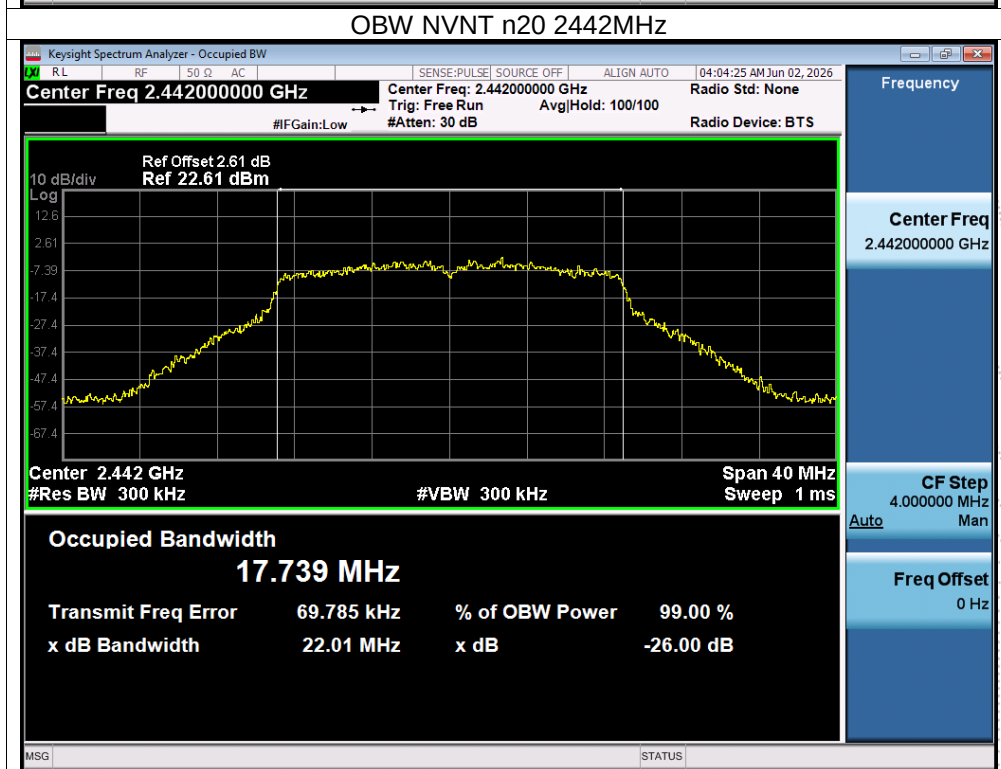
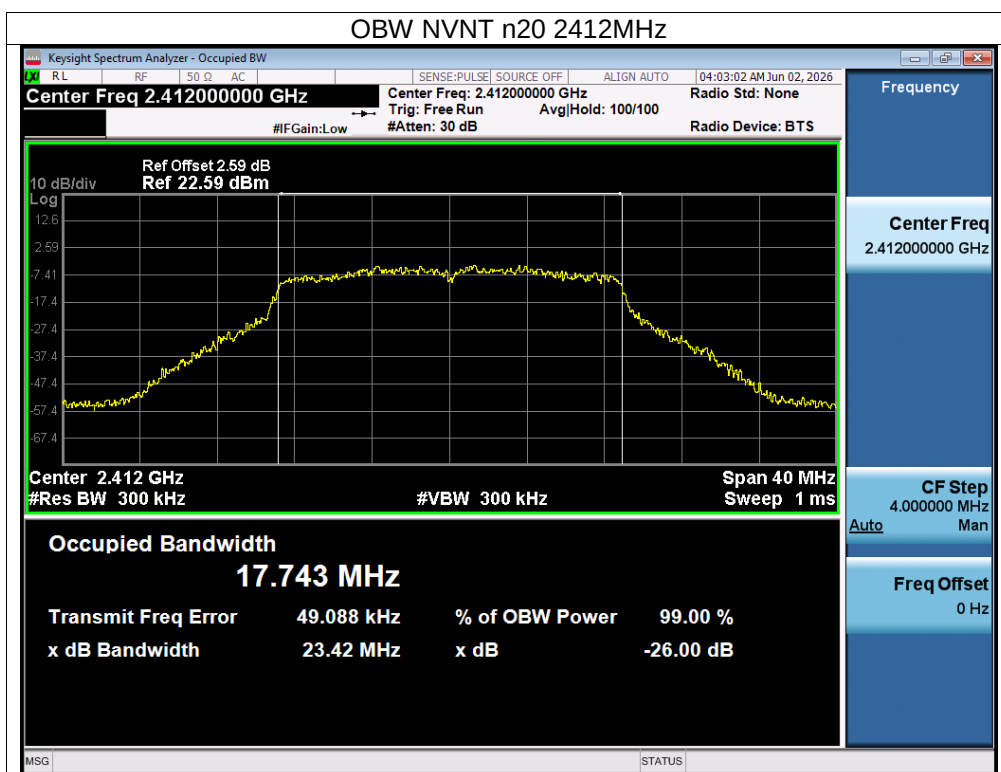
Condition	Mode	Frequency (MHz)	99% OBW (MHz)	90% OBW (MHz)	Spread Factor(MHz)	Verdict
NVNT	b	2412	13.451	9.504	6.912	Pass
NVNT	b	2442	13.451	9.504	6.912	Pass
NVNT	b	2472	13.43	9.502	6.911	Pass
NVNT	g	2412	16.617	14.017	9.345	Pass
NVNT	g	2442	16.662	14.013	9.342	Pass
NVNT	g	2472	16.486	17.6	9.200	Pass
NVNT	n20	2412	17.743	14.833	9.889	Pass
NVNT	n20	2442	17.739	14.945	9.963	Pass
NVNT	n20	2472	17.635	14.983	9.989	Pass
NVNT	n40	2422	35.89	29.904	9.968	Pass
NVNT	n40	2442	36.051	30.232	10.077	Pass
NVNT	n40	2462	35.884	30.098	10.033	Pass

Note: A(B) Represent the value of antenna A and B, the worst data is Antenna B, only shown Antenna B Plot.

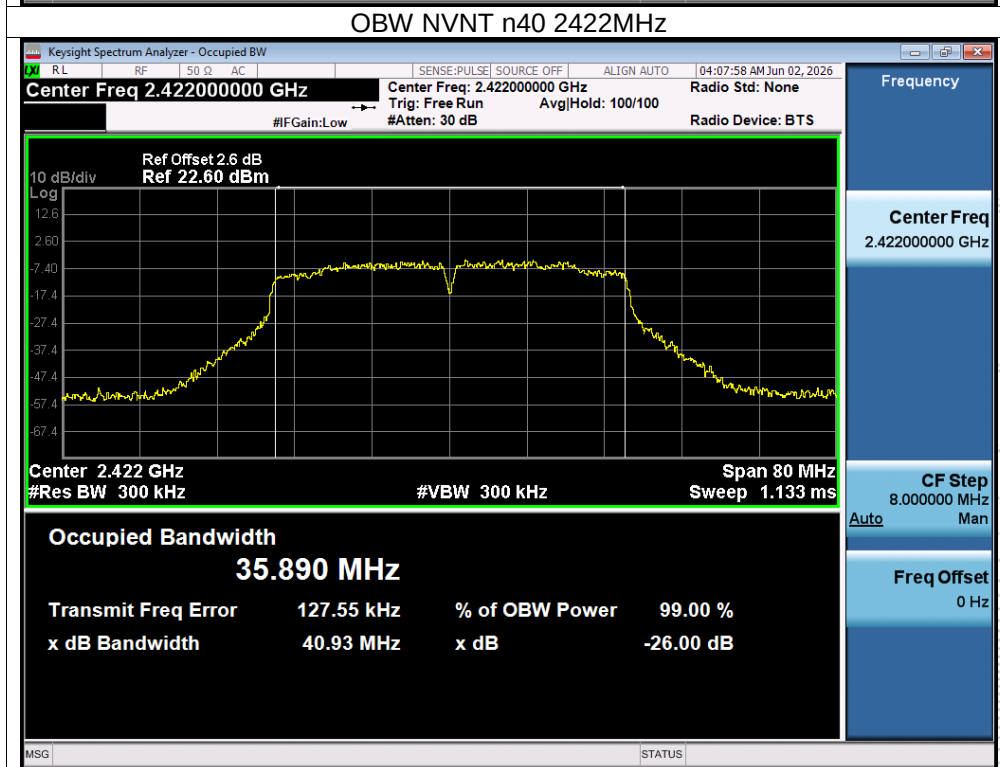
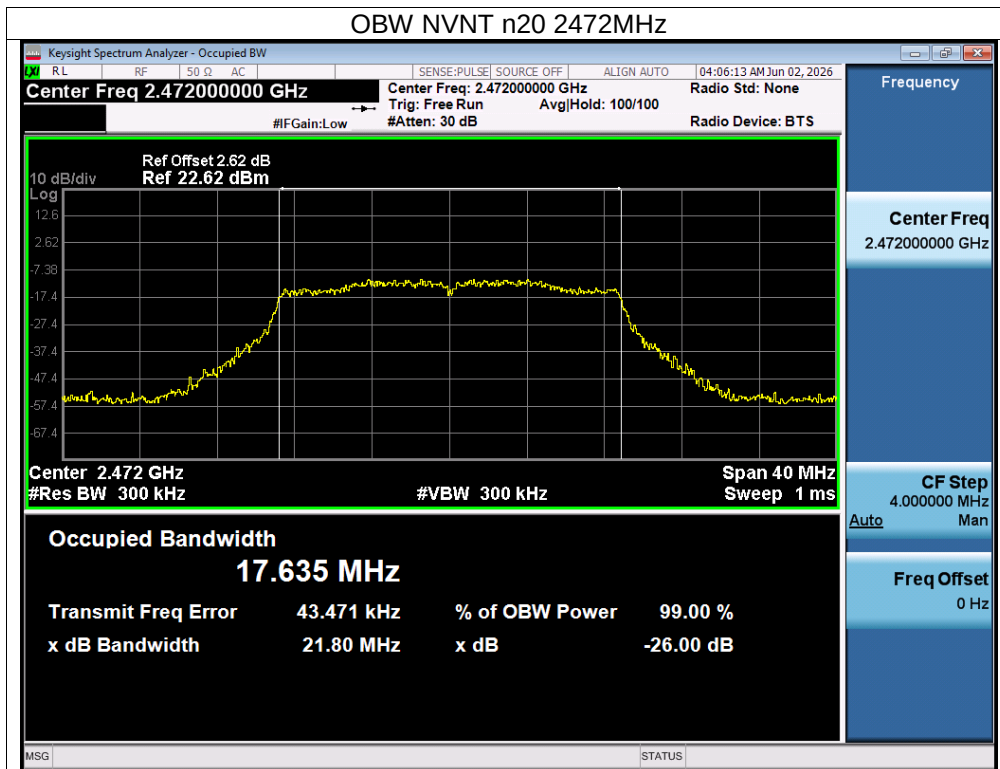


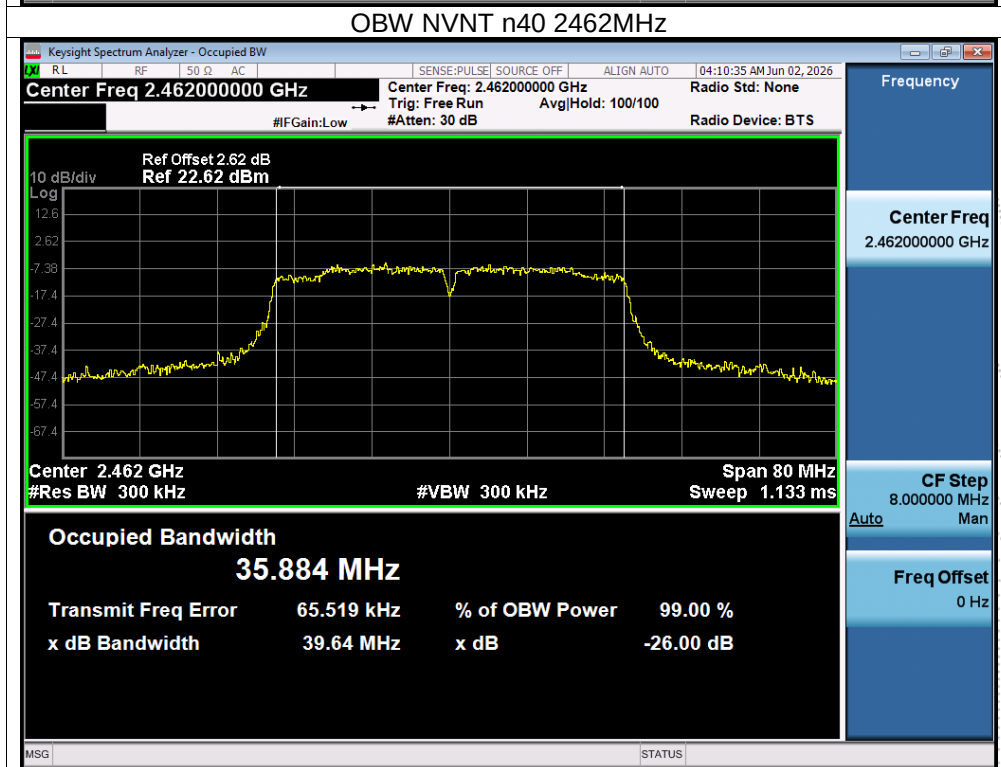
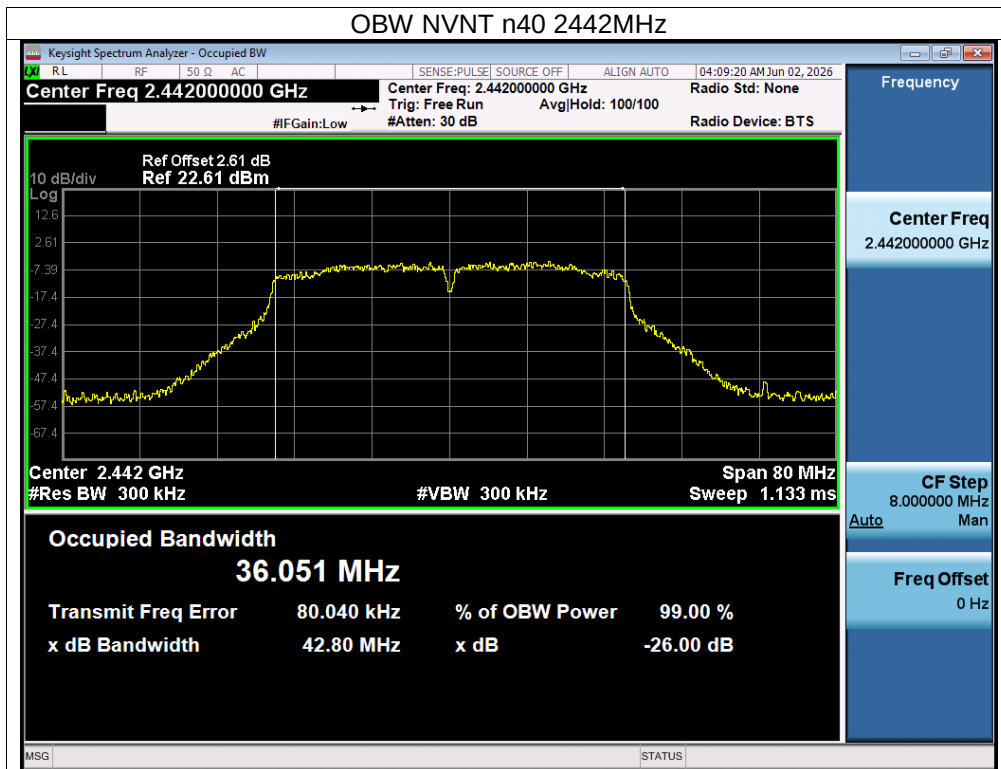




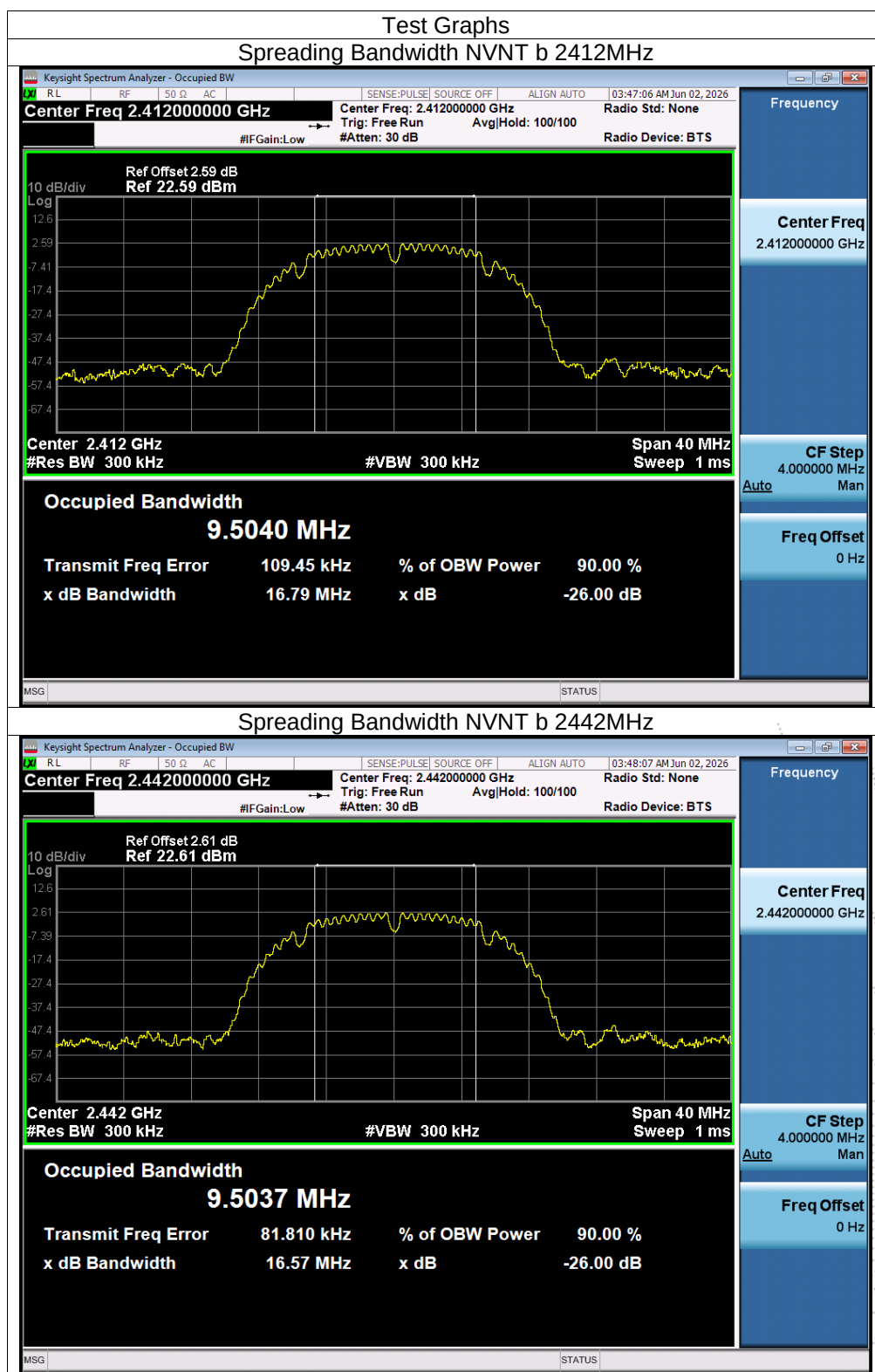


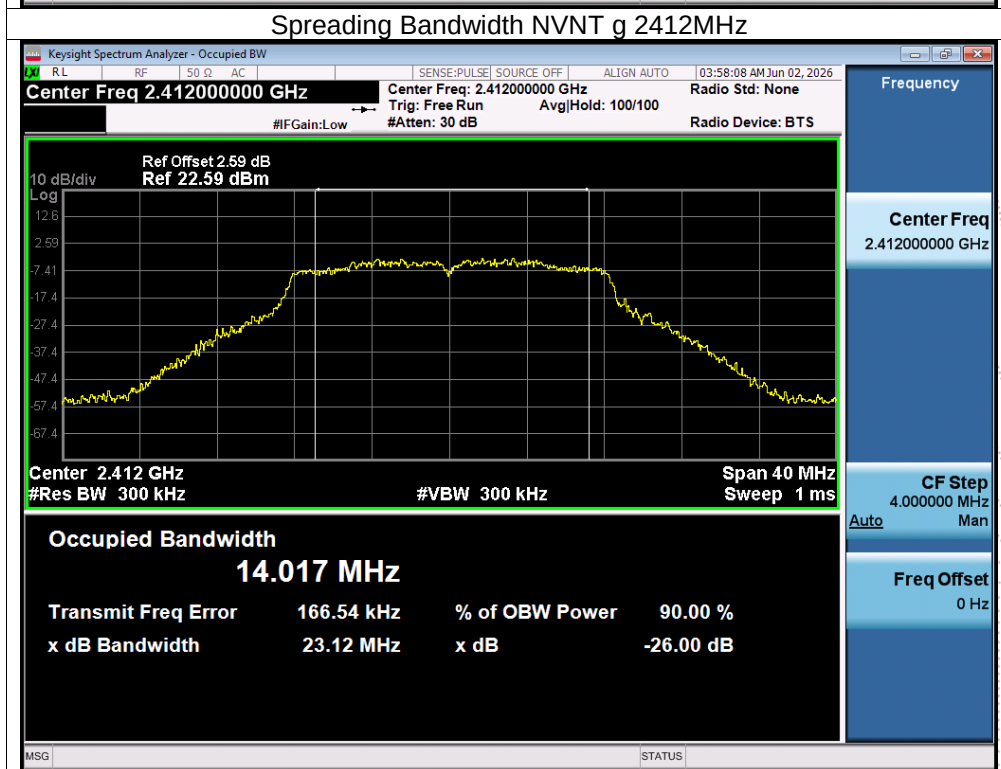
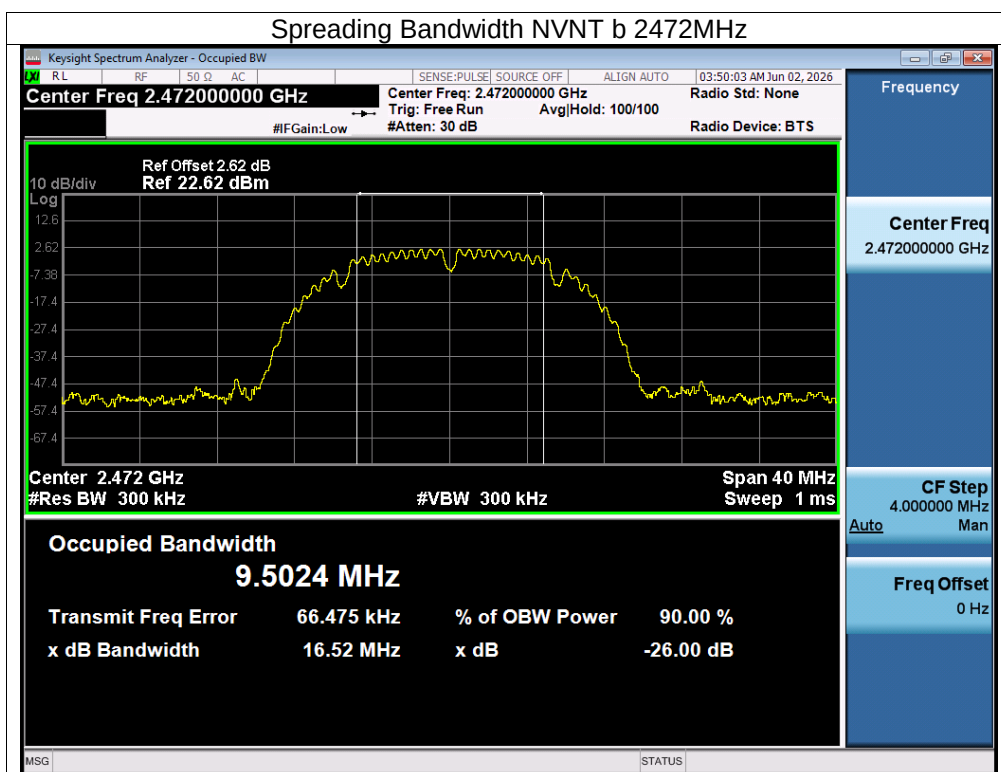
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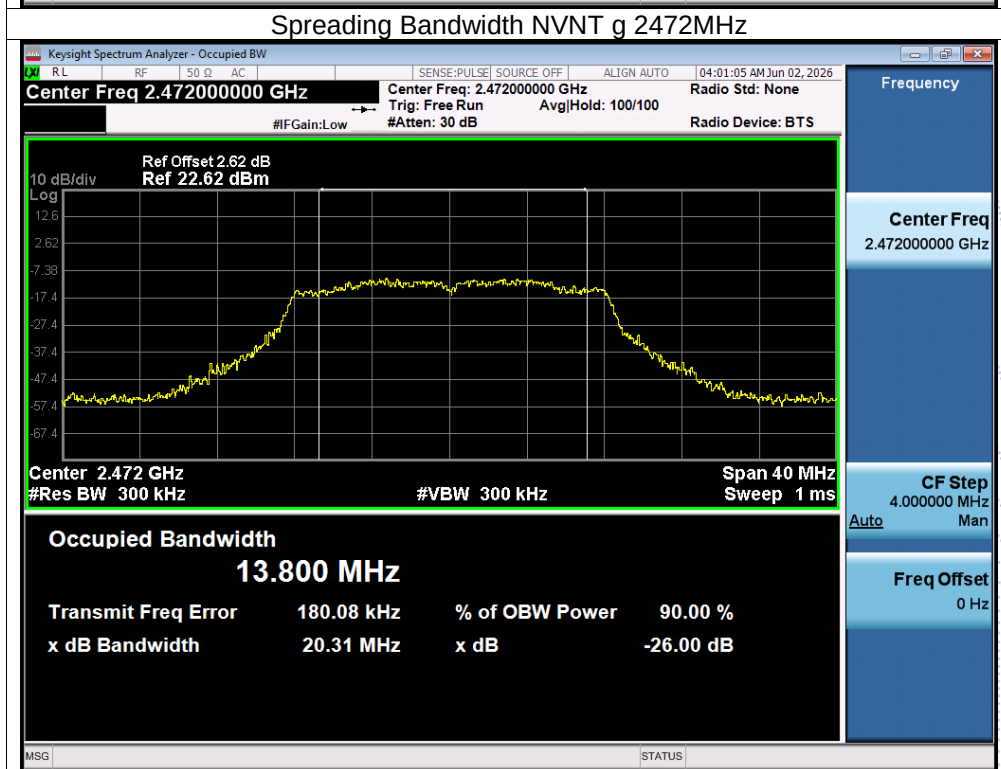
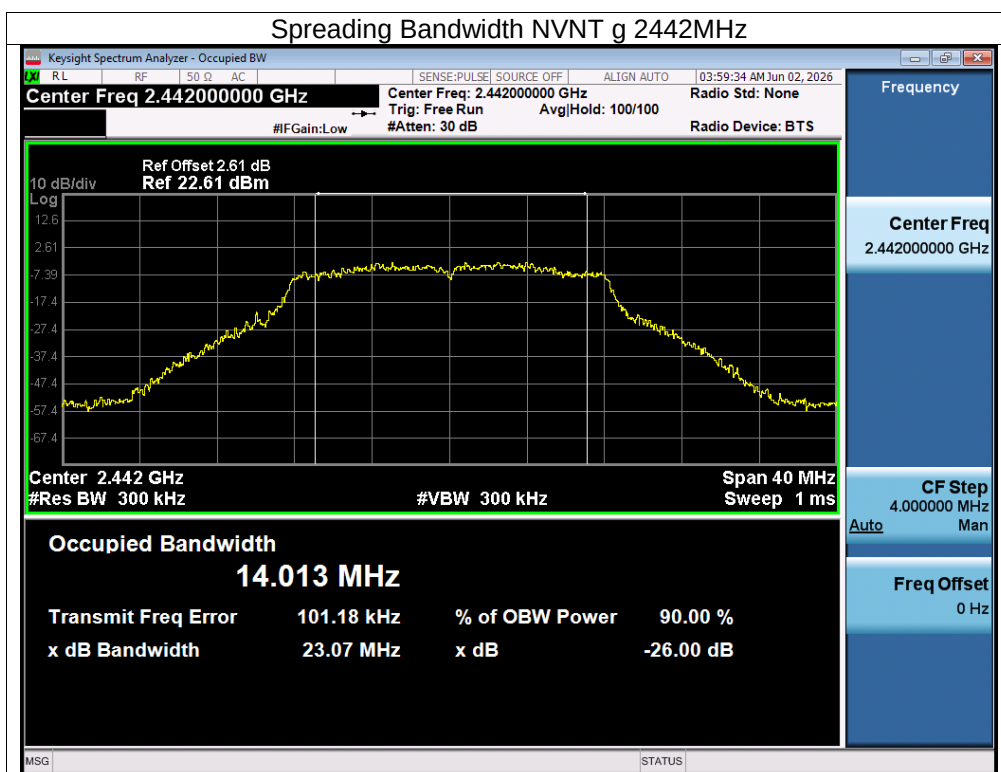


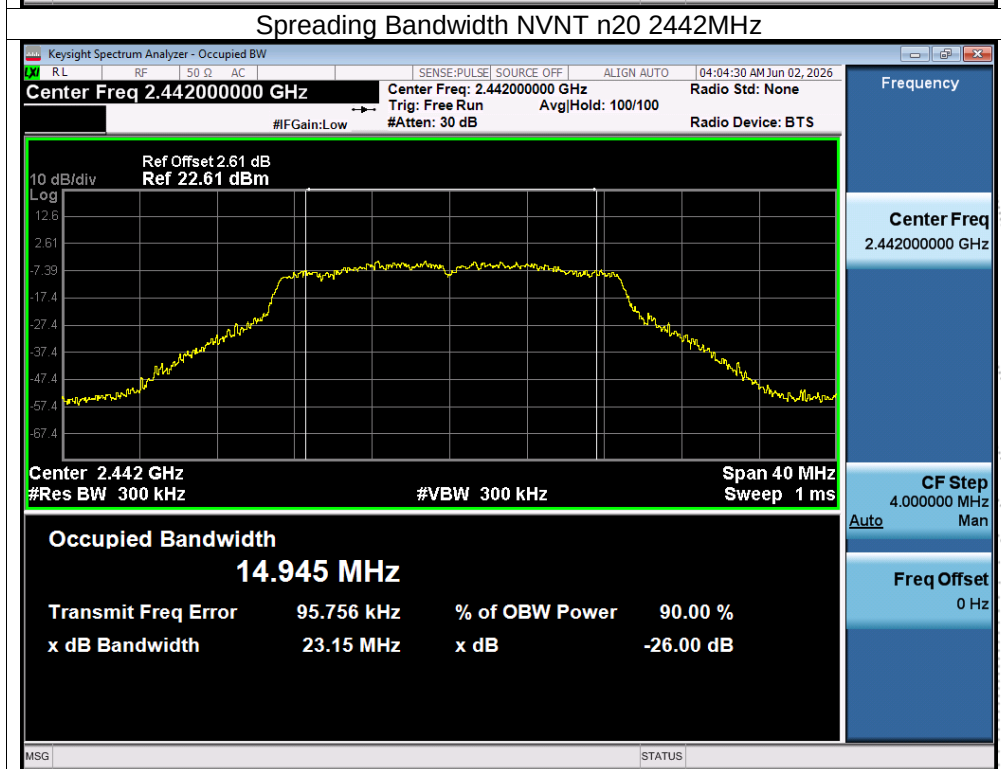
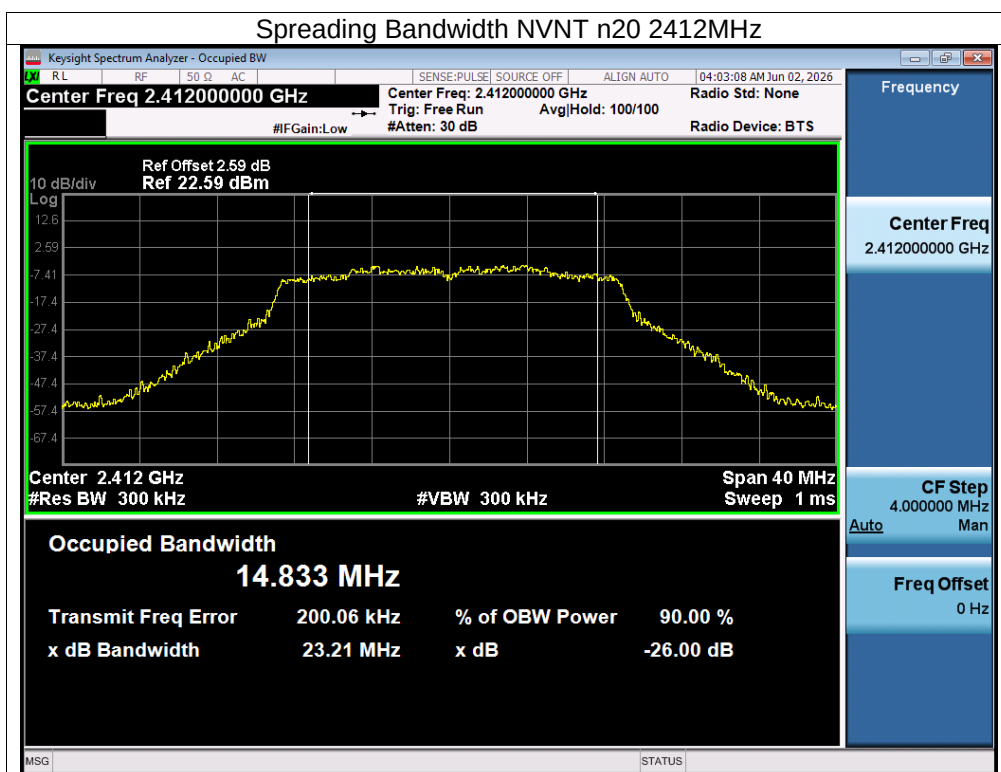


Note: A(B) Represent the value of antenna A and B, the worst data is Antenna B, only shown Antenna B Plot.

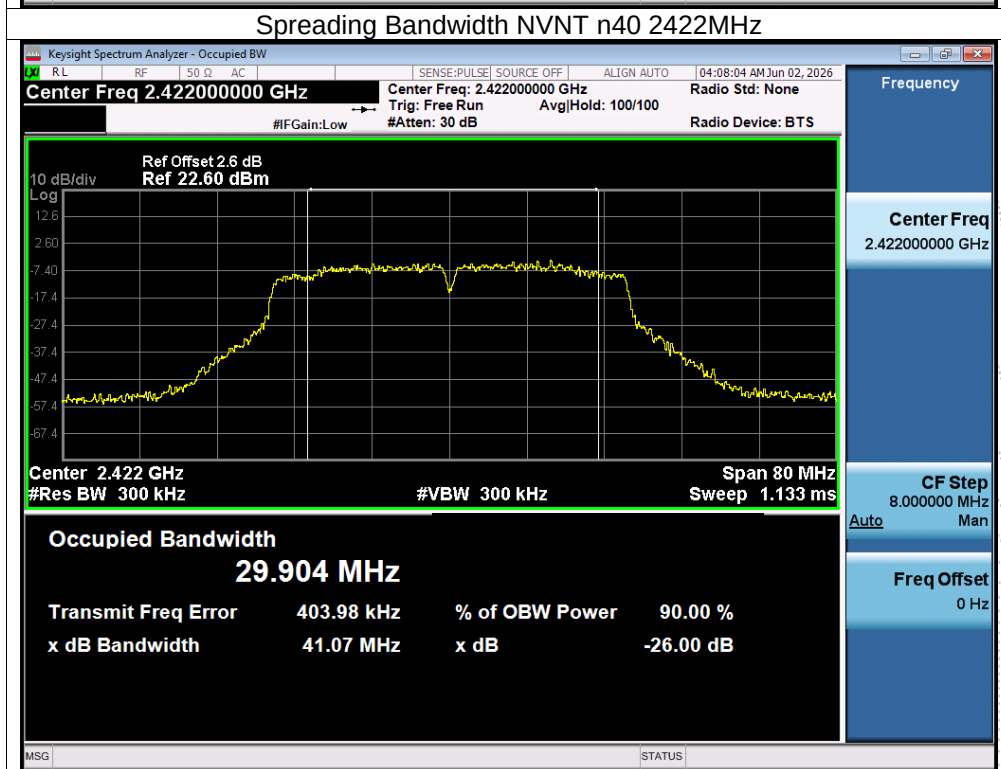
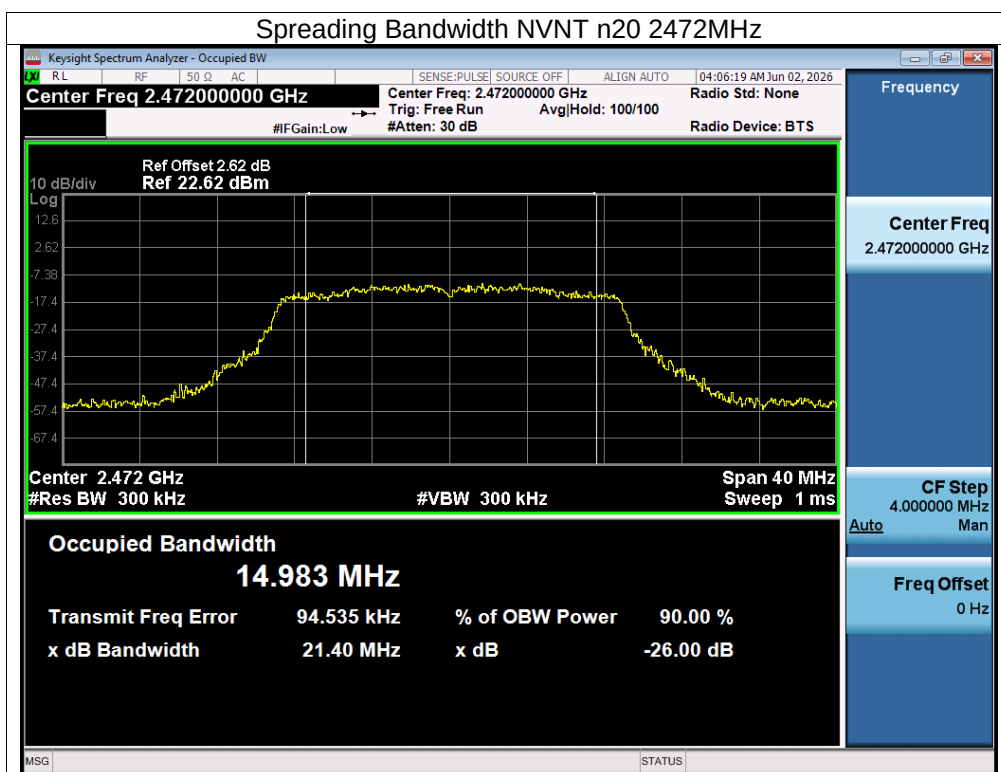


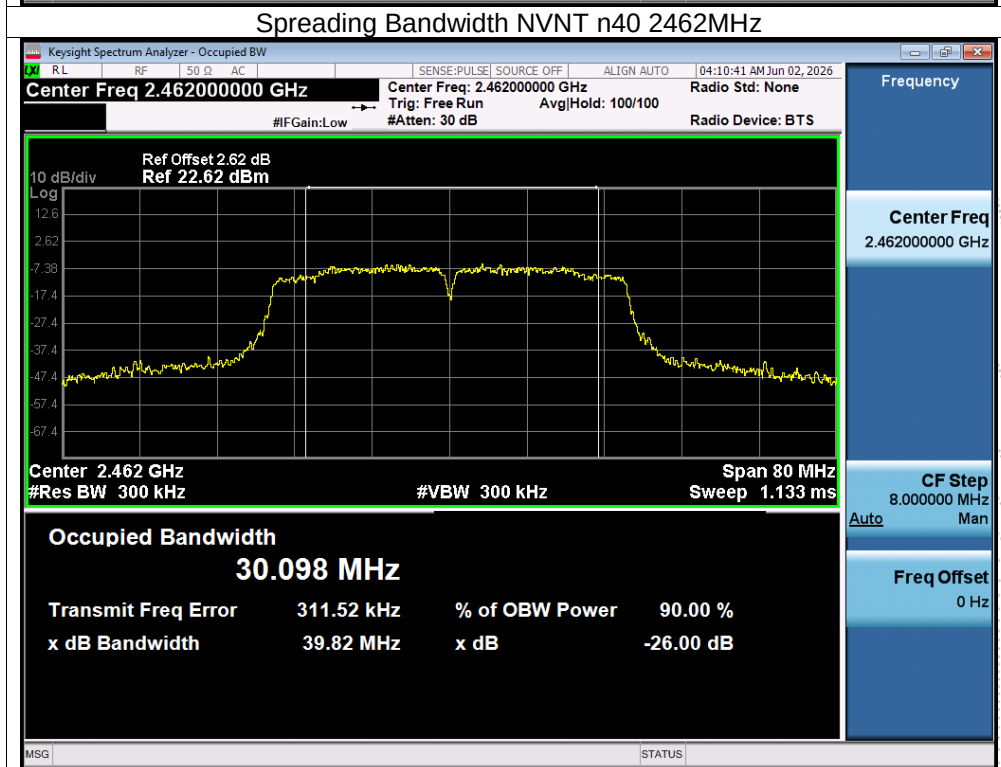
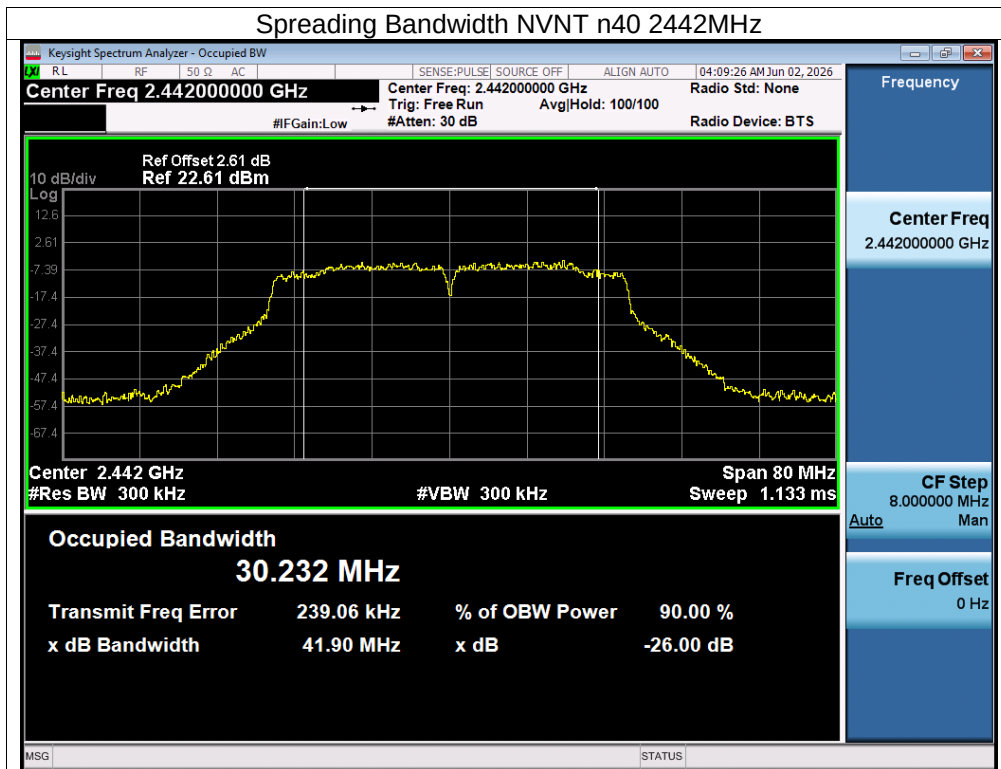






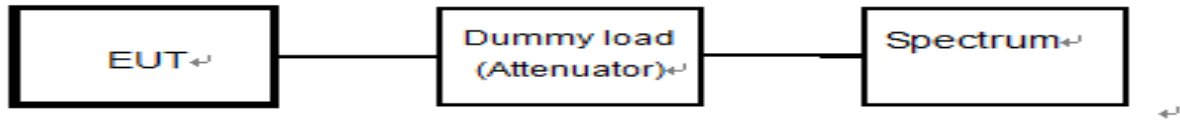
CO., LTD





10. Unwanted Emission Intensity Measurement

10.1 Block Diagram Of Test Setup



10.2 Limit

Item	RB / VB	Limits
TX Spurious Emission	100KHz	$\leq 0.25 \mu\text{W}$ (-36dBm) ($30\text{MHz} \leq f \leq 1000\text{MHz}$)
	1 MHz	$\leq 2.5 \mu\text{W}$ (-26dBm ($1000\text{MHz} < f \leq 2387\text{MHz}$))
	1 MHz	$\leq 25 \mu\text{W}$ (-16dBm ($2387\text{MHz} < f \leq 2400\text{MHz}$))
	1 MHz	$\leq 25 \mu\text{W}$ (-16dBm ($2483.5\text{MHz} \leq f < 2496.5\text{MHz}$))
	1 MHz	$\leq 2.5 \mu\text{W}$ (-26dBm ($2496.5\text{MHz} \leq f < 12500\text{MHz}$))

10.3 Measuring Instruments And Setting

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

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

10.4 Test Procedure

- EUT have transmitted the maximum modulation signal and fixed channelize.
- Setting of SA is following as: Below 1GHz RB: 100 KHz / VB: 100 KHz
Above 1GHz RB: 1MHz / VB: 1 MHz / AT: 20dB Ref: 10dBm / Sweep time: Auto
Sweep Mode: Continuous sweep / Detect mode: Positive peak
Trace mode: Max hold
- Setting of SA is following as 30MHz and stop frequency 1000MHz Then to mark peak reading value + cable loss shall be less than 0.25μW.
- Setting of SA is following as 1000MHz and stop frequency 2387MHz Then to mark peak reading value + cable loss shall be less than 2.5μW.
- SA adjusted to start frequency 2387MHz and stop frequency 2400MHz. Then to mark peak reading value + cable loss shall be less than 25μW.
- SA adjusted to start frequency 2483.5MHz and stop frequency 2496.5MHz Then to mark peak reading value + cable loss shall be less than 25μW
- SA adjusted to start frequency 2496.5MHz and stop frequency 12500MHz Then to mark peak reading value + cable loss shall be less than 2.5μW

10.5 Test Result

Antenna A

Temperature:	25°C		
Humidity:	55 % RH	Test Voltage	DC 7.6V

Condition	Mode	Frequency (MHz)	Range (MHz)	Emission Frequency (MHz)	Max Value (dBm)	Limit Start (dBm)	Limit Stop (dBm)	Verdict
NVNT	b	2412	30-1000	913.67	-52.96	-36	-36	Pass
NVNT	b	2412	1000-2387	2387	-50.18	-26	-26	Pass
NVNT	b	2412	2387-2400	2396.35	-46.1	-16	-16	Pass
NVNT	b	2412	2483.5-2496.5	2485.89	-50.27	-16	-16	Pass
NVNT	b	2412	2496.5-13000	5237.91	-52.26	-26	-26	Pass
NVNT	b	2442	30-1000	913.67	-57.97	-36	-36	Pass
NVNT	b	2442	1000-2387	2346.78	-53.92	-26	-26	Pass
NVNT	b	2442	2387-2400	2396.09	-51.99	-16	-16	Pass
NVNT	b	2442	2483.5-2496.5	2487.61	-47.23	-16	-16	Pass
NVNT	b	2442	2496.5-13000	5237.91	-50.26	-26	-26	Pass
NVNT	b	2472	30-1000	996.12	-67.97	-36	-36	Pass
NVNT	b	2472	1000-2387	2370.36	-52.76	-26	-26	Pass
NVNT	b	2472	2387-2400	2397.48	-51.08	-16	-16	Pass
NVNT	b	2472	2483.5-2496.5	2495.95	-45.1	-16	-16	Pass
NVNT	b	2472	2496.5-13000	2507	-46.1	-26	-26	Pass
NVNT	g	2412	30-1000	906.88	-67.51	-36	-36	Pass
NVNT	g	2412	1000-2387	2385.61	-54.27	-26	-26	Pass
NVNT	g	2412	2387-2400	2399.97	-23.12	-16	-16	Pass
NVNT	g	2412	2483.5-2496.5	2485.33	-53.47	-16	-16	Pass
NVNT	g	2412	2496.5-13000	5237.91	-53.03	-26	-26	Pass
NVNT	g	2442	30-1000	955.38	-67.17	-36	-36	Pass
NVNT	g	2442	1000-2387	2368.97	-53.15	-26	-26	Pass
NVNT	g	2442	2387-2400	2392.47	-54.26	-16	-16	Pass
NVNT	g	2442	2483.5-2496.5	2484.41	-49.05	-16	-16	Pass
NVNT	g	2442	2496.5-13000	5237.91	-52.08	-26	-26	Pass
NVNT	g	2472	30-1000	909.79	-67.41	-36	-36	Pass
NVNT	g	2472	1000-2387	2370.36	-56.43	-26	-26	Pass
NVNT	g	2472	2387-2400	2396.82	-56.44	-16	-16	Pass
NVNT	g	2472	2483.5-2496.5	2483.57	-31.54	-16	-16	Pass
NVNT	g	2472	2496.5-13000	5237.91	-50.16	-26	-26	Pass
NVNT	n20	2412	30-1000	751.68	-68.05	-36	-36	Pass
NVNT	n20	2412	1000-2387	2384.23	-54.19	-26	-26	Pass
NVNT	n20	2412	2387-2400	2399.99	-22.79	-16	-16	Pass
NVNT	n20	2412	2483.5-2496.5	2485.2	-53.9	-16	-16	Pass
NVNT	n20	2412	2496.5-13000	5237.91	-50.66	-26	-26	Pass
NVNT	n20	2442	30-1000	825.4	-68.14	-36	-36	Pass
NVNT	n20	2442	1000-2387	2380.07	-54.38	-26	-26	Pass
NVNT	n20	2442	2387-2400	2392.29	-54.49	-16	-16	Pass

NVNT	n20	2442	2483.5-2496.5	2487.18	-49.76	-16	-16	Pass
NVNT	n20	2442	2496.5-13000	2496.5	-52.07	-26	-26	Pass
NVNT	n20	2472	30-1000	386.96	-68.3	-36	-36	Pass
NVNT	n20	2472	1000-2387	2371.74	-56.26	-26	-26	Pass
NVNT	n20	2472	2387-2400	2394.29	-56.35	-16	-16	Pass
NVNT	n20	2472	2483.5-2496.5	2483.57	-29.6	-16	-16	Pass
NVNT	n20	2472	2496.5-13000	12590.36	-53.03	-26	-26	Pass
NVNT	n40	2422	30-1000	857.41	-68	-36	-36	Pass
NVNT	n40	2422	1000-2387	2385.61	-52.53	-26	-26	Pass
NVNT	n40	2422	2387-2400	2399.9	-26.08	-16	-16	Pass
NVNT	n40	2422	2483.5-2496.5	2490.77	-51.23	-16	-16	Pass
NVNT	n40	2422	2496.5-13000	5237.91	-49.87	-26	-26	Pass
NVNT	n40	2442	30-1000	795.33	-67.03	-36	-36	Pass
NVNT	n40	2442	1000-2387	2382.84	-54.17	-26	-26	Pass
NVNT	n40	2442	2387-2400	2387.44	-52.22	-16	-16	Pass
NVNT	n40	2442	2483.5-2496.5	2484.55	-50.88	-16	-16	Pass
NVNT	n40	2442	2496.5-13000	5248.42	-51.93	-26	-26	Pass
NVNT	n40	2462	30-1000	903.97	-67.89	-36	-36	Pass
NVNT	n40	2462	1000-2387	2387	-52.41	-26	-26	Pass
NVNT	n40	2462	2387-2400	2394.21	-48.23	-16	-16	Pass
NVNT	n40	2462	2483.5-2496.5	2487.6	-27.32	-16	-16	Pass
NVNT	n40	2462	2496.5-13000	2496.5	-34.6	-26	-26	Pass

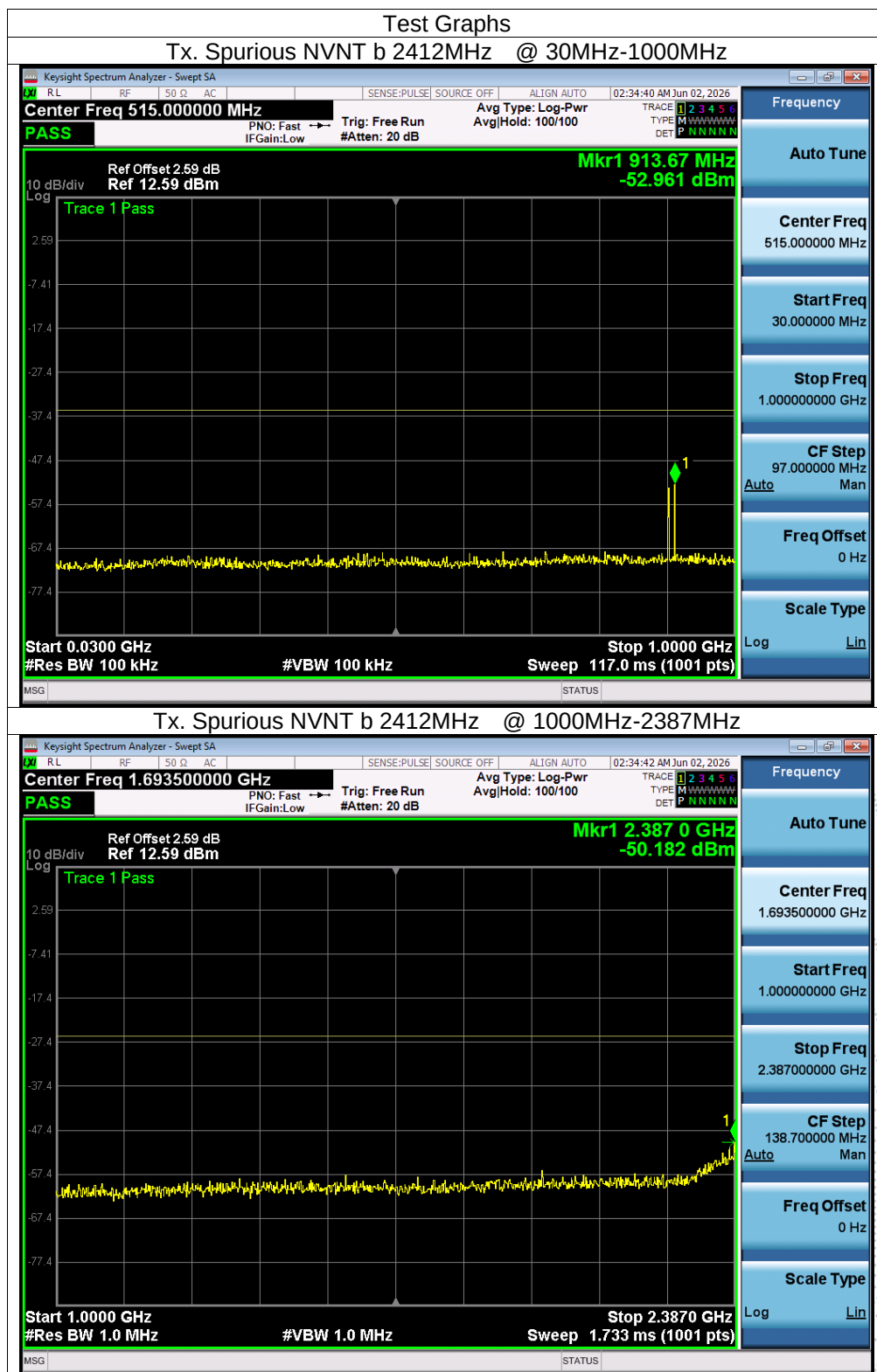
Antenna B

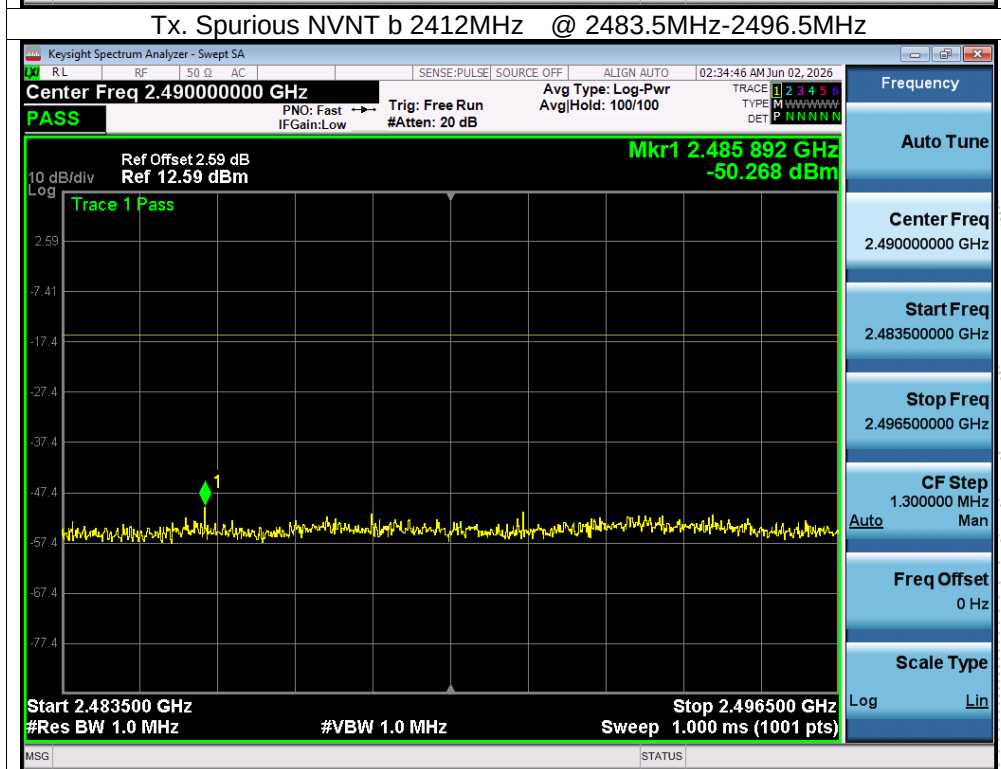
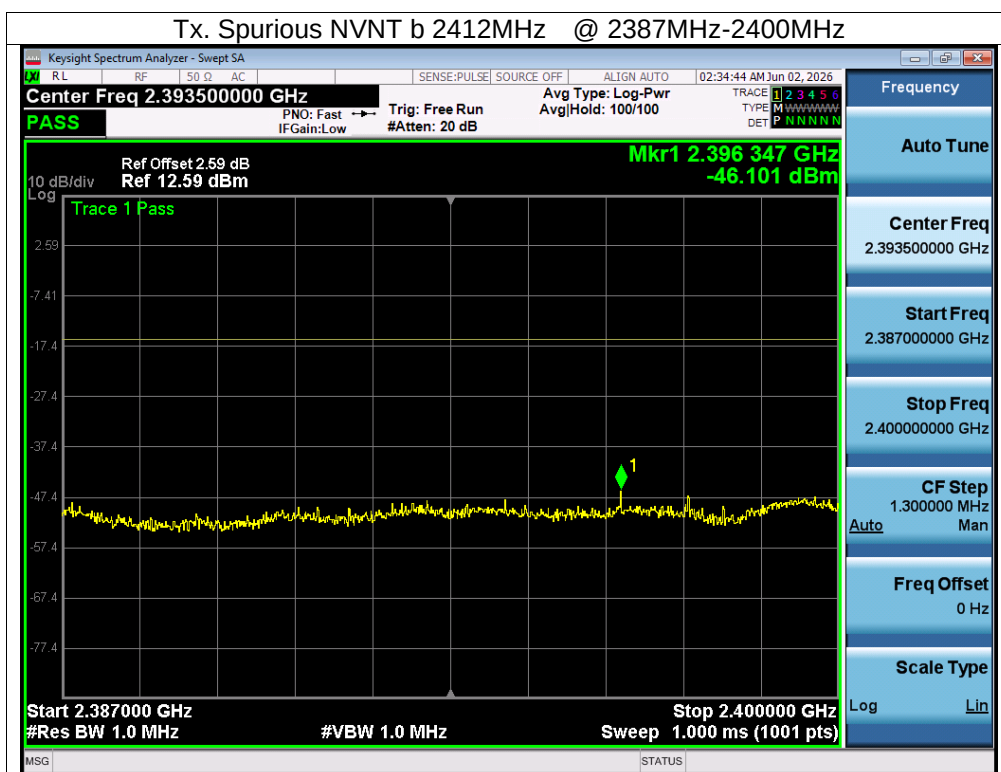
Temperature:	25°C		
Humidity:	55 % RH	Test Voltage	DC 7.6V

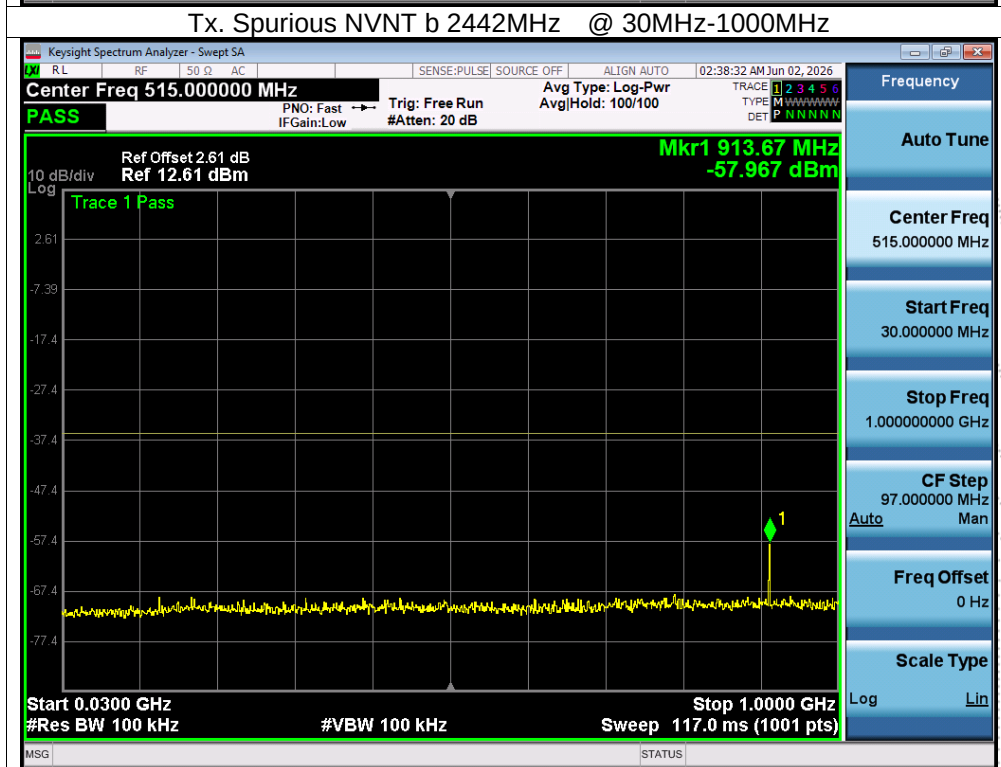
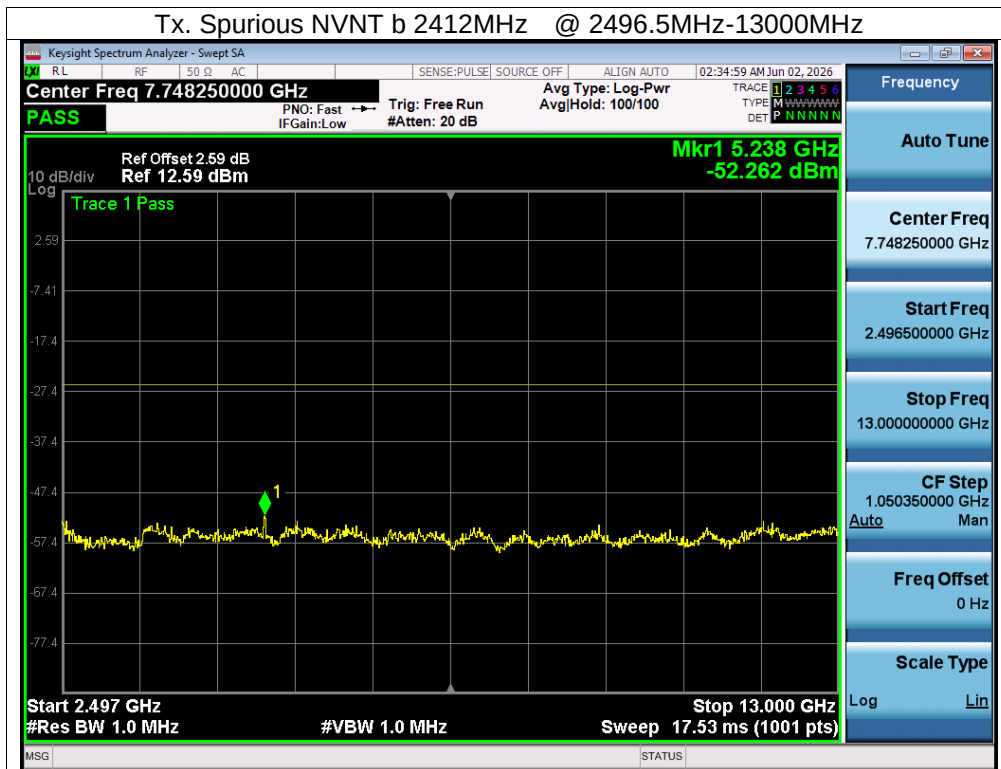
Condition	Mode	Frequency (MHz)	Range (MHz)	Emission Frequency (MHz)	Max Value (dBm)	Limit Start (dBm)	Limit Stop (dBm)	Verdict
NVNT	b	2412	30-1000	762.35	-68.06	-36	-36	Pass
NVNT	b	2412	1000-2387	2387	-51.54	-26	-26	Pass
NVNT	b	2412	2387-2400	2399.79	-44.11	-16	-16	Pass
NVNT	b	2412	2483.5-2496.5	2495.21	-49.56	-16	-16	Pass
NVNT	b	2412	2496.5-13000	2507	-50.48	-26	-26	Pass
NVNT	b	2442	30-1000	972.84	-67.6	-36	-36	Pass
NVNT	b	2442	1000-2387	2380.07	-52.9	-26	-26	Pass
NVNT	b	2442	2387-2400	2389.37	-51.29	-16	-16	Pass
NVNT	b	2442	2483.5-2496.5	2484.11	-46.84	-16	-16	Pass
NVNT	b	2442	2496.5-13000	2496.5	-50.87	-26	-26	Pass
NVNT	b	2472	30-1000	947.62	-67.91	-36	-36	Pass
NVNT	b	2472	1000-2387	2384.23	-53.13	-26	-26	Pass
NVNT	b	2472	2387-2400	2390.42	-51.39	-16	-16	Pass
NVNT	b	2472	2483.5-2496.5	2486.92	-42.31	-16	-16	Pass
NVNT	b	2472	2496.5-13000	2496.5	-49.75	-26	-26	Pass
NVNT	g	2412	30-1000	780.78	-68.24	-36	-36	Pass

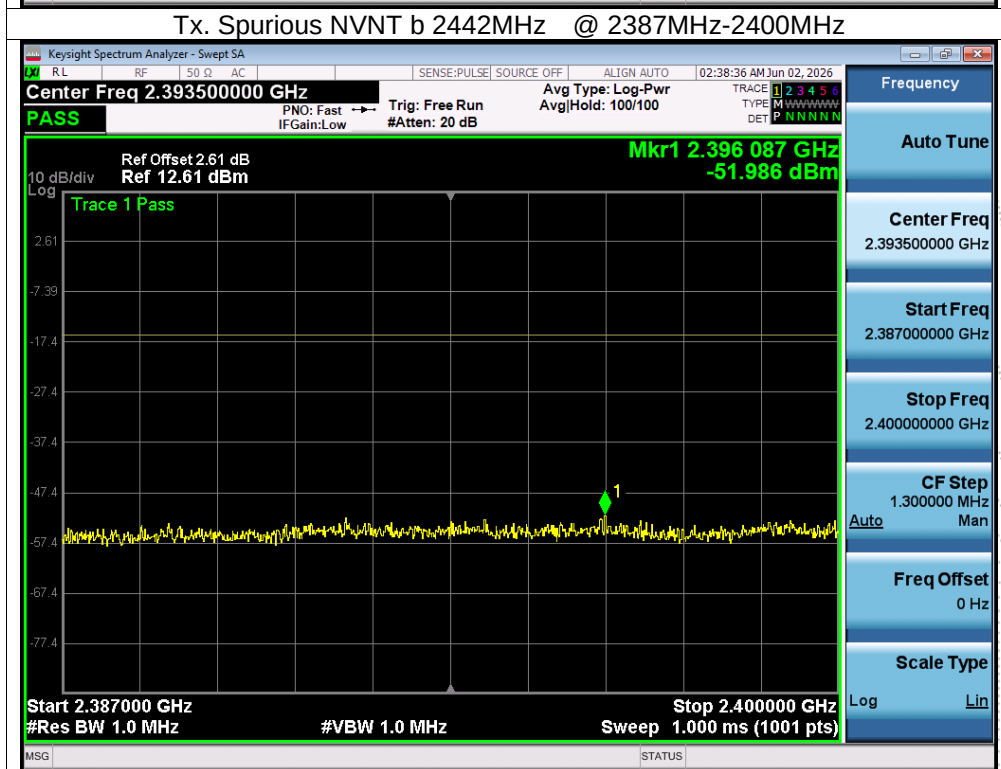
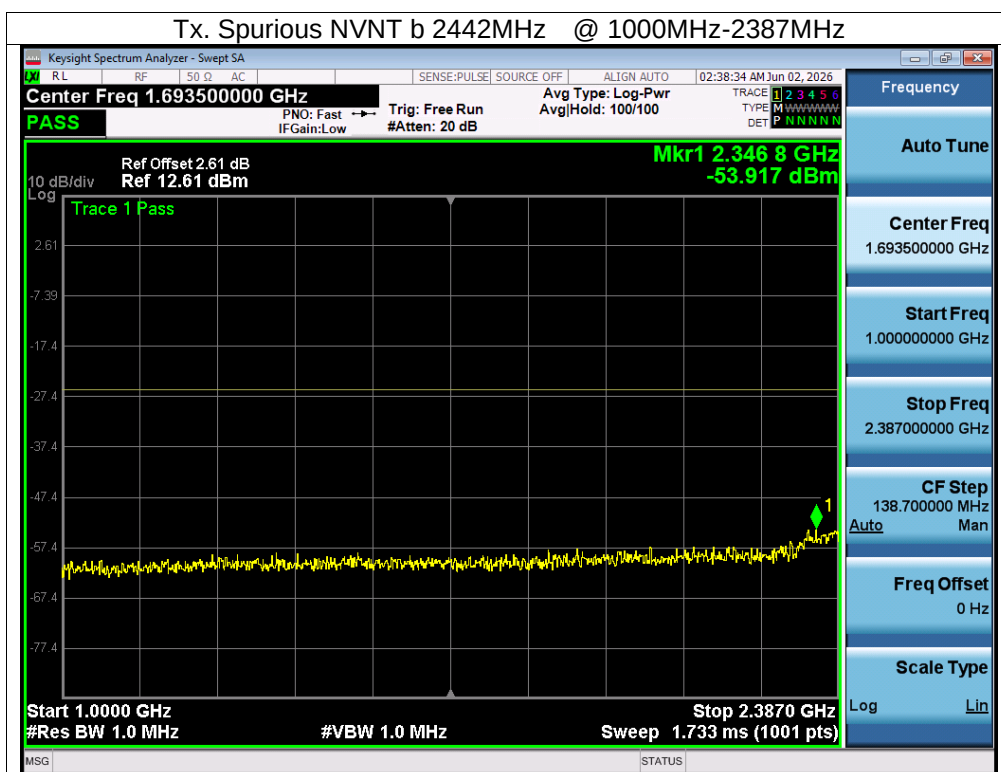
NVNT	g	2412	1000-2387	2387	-57.63	-26	-26	Pass
NVNT	g	2412	2387-2400	2399.94	-23.4	-16	-16	Pass
NVNT	g	2412	2483.5-2496.5	2485.09	-52.38	-16	-16	Pass
NVNT	g	2412	2496.5-13000	2559.52	-50.88	-26	-26	Pass
NVNT	g	2442	30-1000	875.84	-67.37	-36	-36	Pass
NVNT	g	2442	1000-2387	2341.23	-55.94	-26	-26	Pass
NVNT	g	2442	2387-2400	2396.45	-54.87	-16	-16	Pass
NVNT	g	2442	2483.5-2496.5	2488.3	-52.02	-16	-16	Pass
NVNT	g	2442	2496.5-13000	2559.52	-52.74	-26	-26	Pass
NVNT	g	2472	30-1000	823.46	-67.2	-36	-36	Pass
NVNT	g	2472	1000-2387	2366.19	-56.11	-26	-26	Pass
NVNT	g	2472	2387-2400	2388.35	-56.84	-16	-16	Pass
NVNT	g	2472	2483.5-2496.5	2483.68	-30.88	-16	-16	Pass
NVNT	g	2472	2496.5-13000	2496.5	-50.84	-26	-26	Pass
NVNT	n20	2412	30-1000	981.57	-67.89	-36	-36	Pass
NVNT	n20	2412	1000-2387	2374.52	-54.89	-26	-26	Pass
NVNT	n20	2412	2387-2400	2399.58	-23.63	-16	-16	Pass
NVNT	n20	2412	2483.5-2496.5	2484.68	-52.56	-16	-16	Pass
NVNT	n20	2412	2496.5-13000	2559.52	-52.77	-26	-26	Pass
NVNT	n20	2442	30-1000	524.7	-67.42	-36	-36	Pass
NVNT	n20	2442	1000-2387	2380.07	-56.06	-26	-26	Pass
NVNT	n20	2442	2387-2400	2395.76	-54.46	-16	-16	Pass
NVNT	n20	2442	2483.5-2496.5	2490.25	-52.16	-16	-16	Pass
NVNT	n20	2442	2496.5-13000	2559.52	-52.12	-26	-26	Pass
NVNT	n20	2472	30-1000	826.37	-67.63	-36	-36	Pass
NVNT	n20	2472	1000-2387	2381.45	-55.86	-26	-26	Pass
NVNT	n20	2472	2387-2400	2395.27	-56.71	-16	-16	Pass
NVNT	n20	2472	2483.5-2496.5	2483.54	-31.16	-16	-16	Pass
NVNT	n20	2472	2496.5-13000	7433.15	-53.6	-26	-26	Pass
NVNT	n40	2422	30-1000	804.06	-67.93	-36	-36	Pass
NVNT	n40	2422	1000-2387	2387	-53.37	-26	-26	Pass
NVNT	n40	2422	2387-2400	2399.18	-26.81	-16	-16	Pass
NVNT	n40	2422	2483.5-2496.5	2486.92	-51.84	-16	-16	Pass
NVNT	n40	2422	2496.5-13000	2559.52	-51.87	-26	-26	Pass
NVNT	n40	2442	30-1000	192.96	-68.47	-36	-36	Pass
NVNT	n40	2442	1000-2387	2381.45	-55.38	-26	-26	Pass
NVNT	n40	2442	2387-2400	2396.96	-52.59	-16	-16	Pass
NVNT	n40	2442	2483.5-2496.5	2485.16	-50.69	-16	-16	Pass
NVNT	n40	2442	2496.5-13000	2559.52	-51.21	-26	-26	Pass
NVNT	n40	2462	30-1000	839.95	-67.56	-36	-36	Pass
NVNT	n40	2462	1000-2387	2385.61	-54.05	-26	-26	Pass
NVNT	n40	2462	2387-2400	2399.75	-50.34	-16	-16	Pass
NVNT	n40	2462	2483.5-2496.5	2483.64	-29.35	-16	-16	Pass
NVNT	n40	2462	2496.5-13000	2496.5	-39.37	-26	-26	Pass

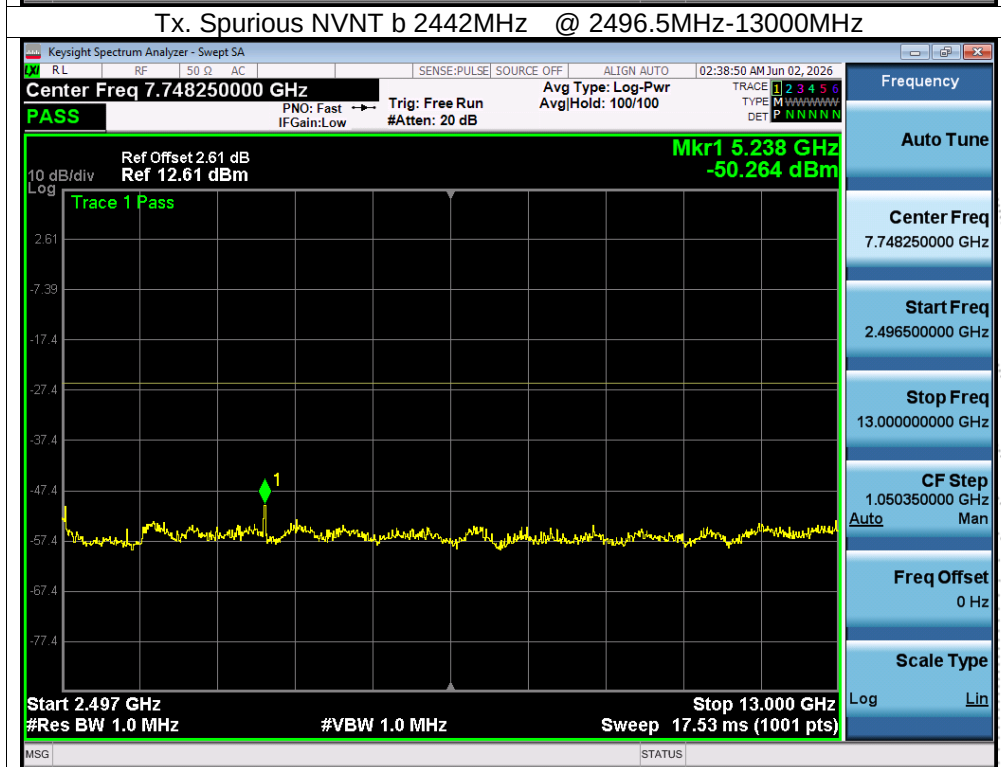
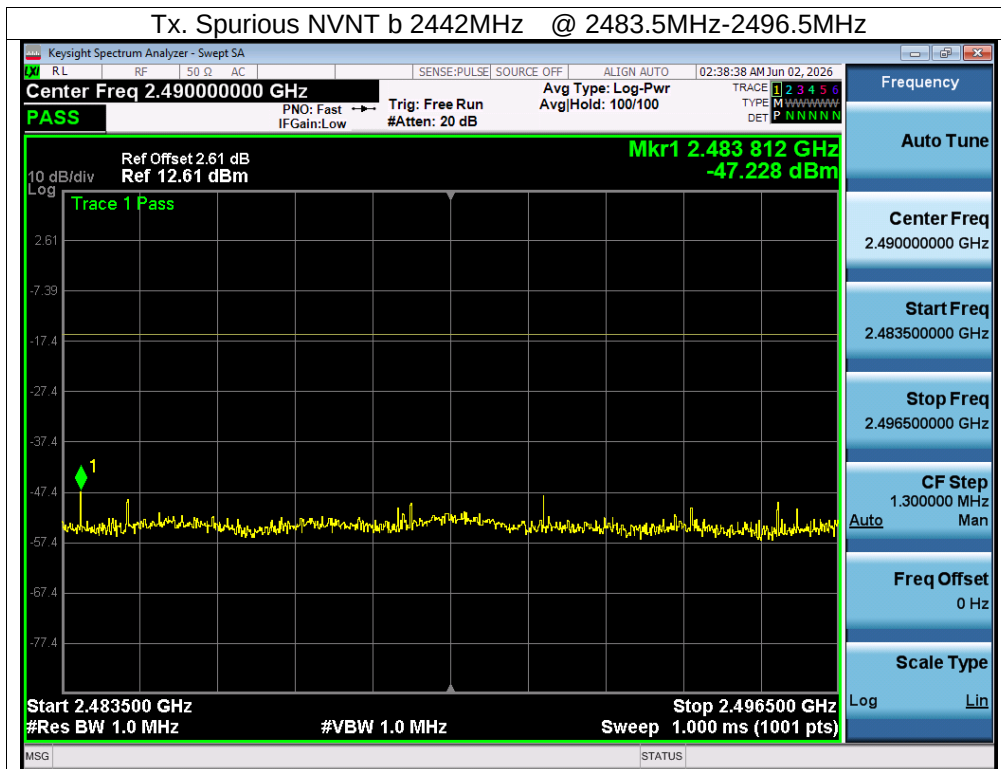
The worst test channel of all channels was showed as the follow: only shown Antenna A Plot.

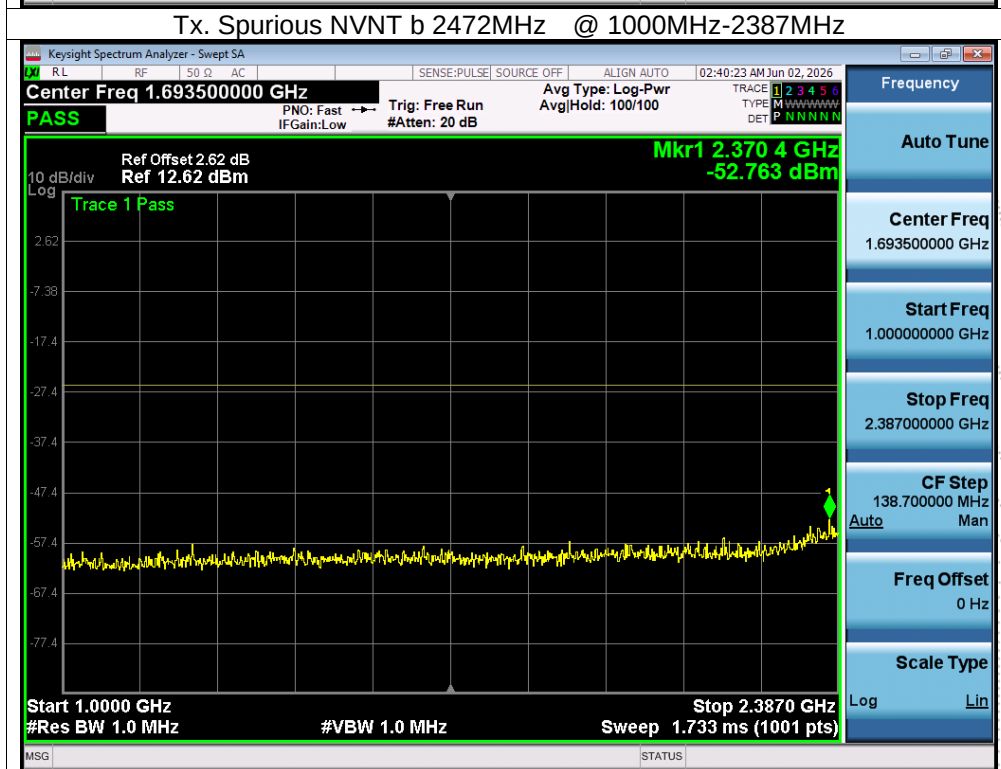
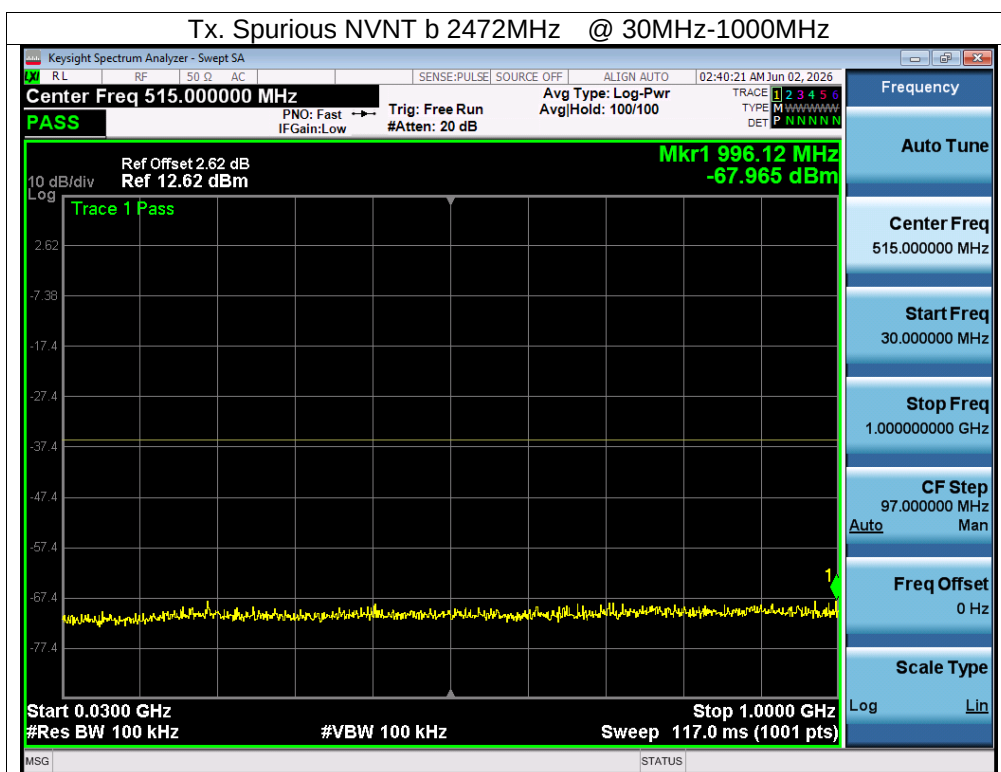




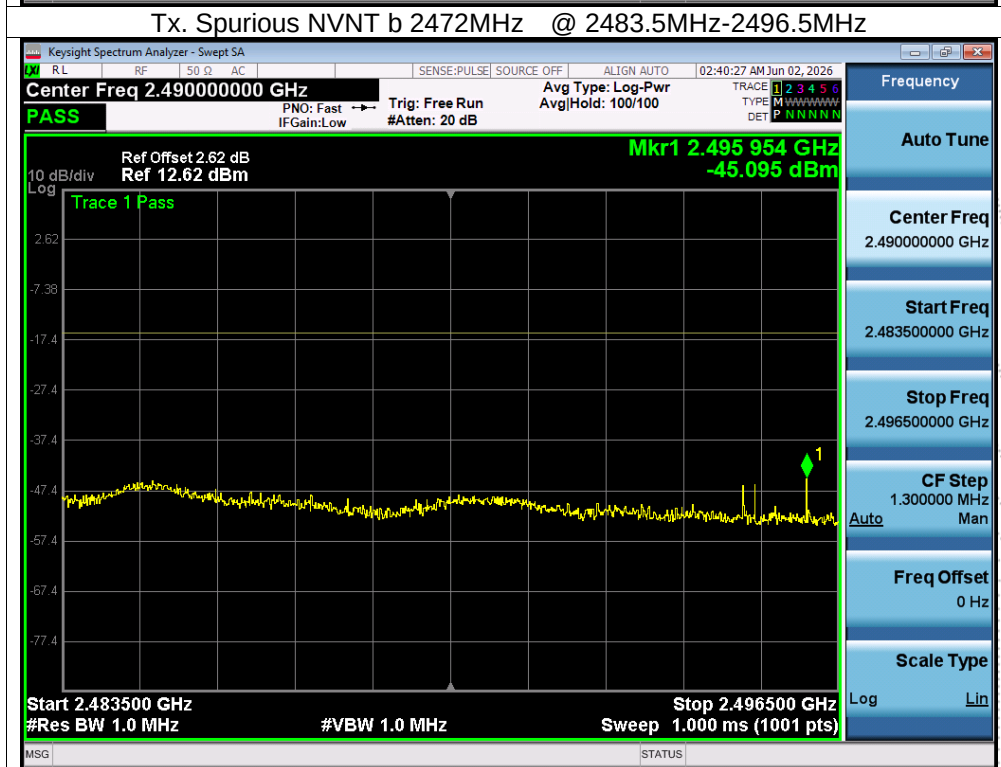
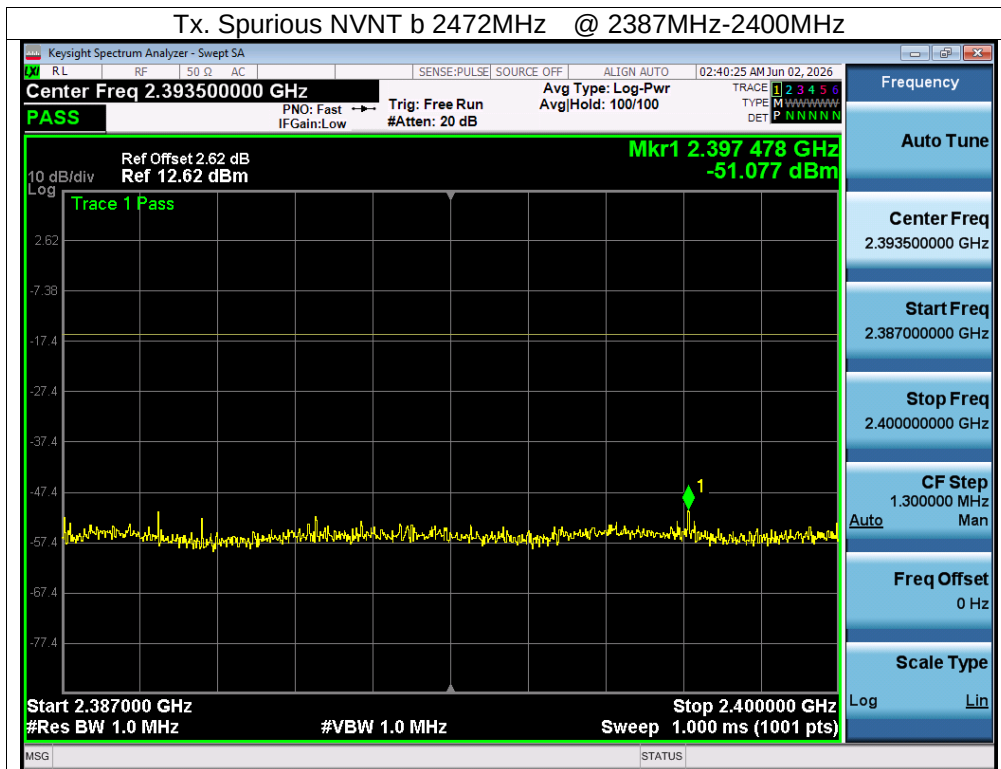


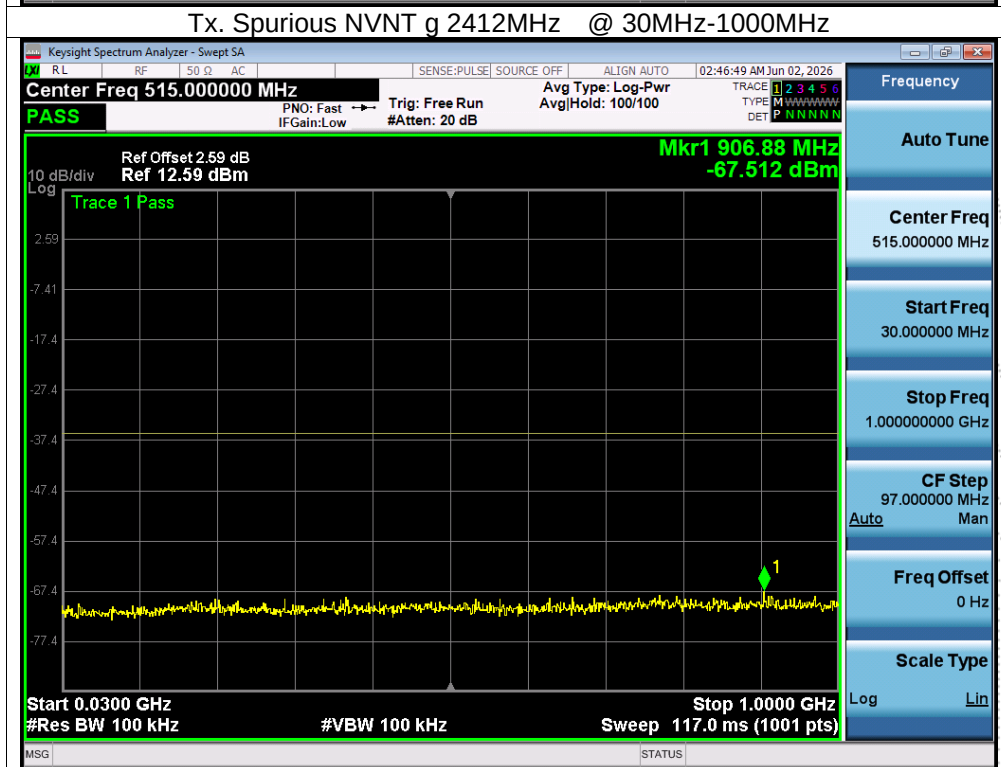
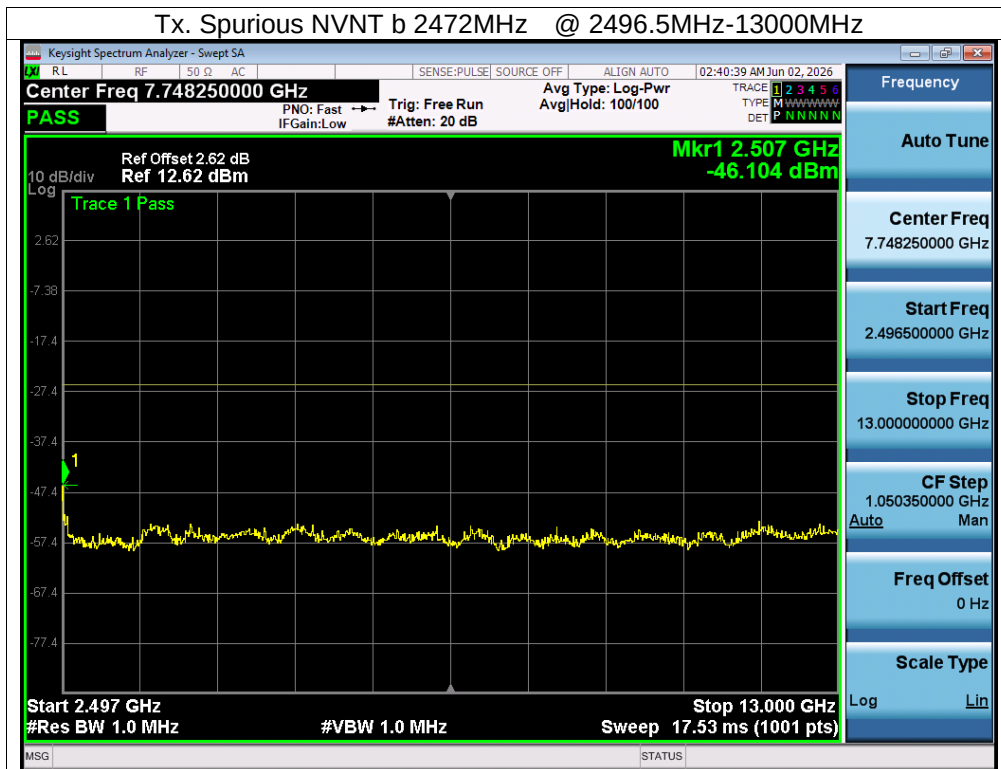


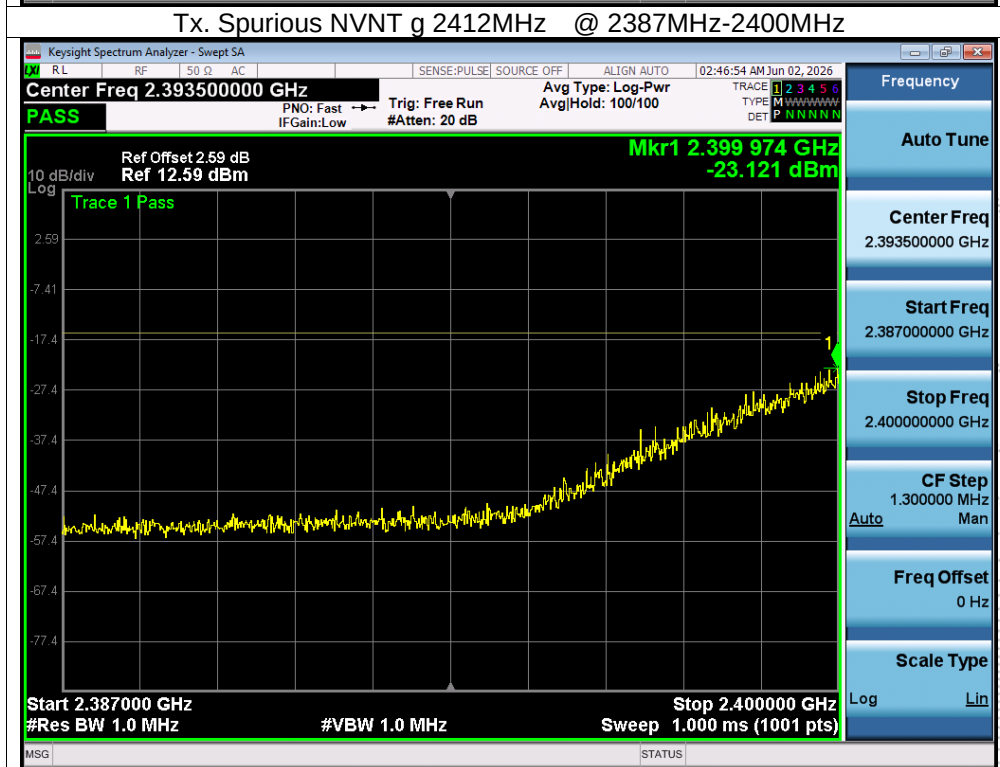
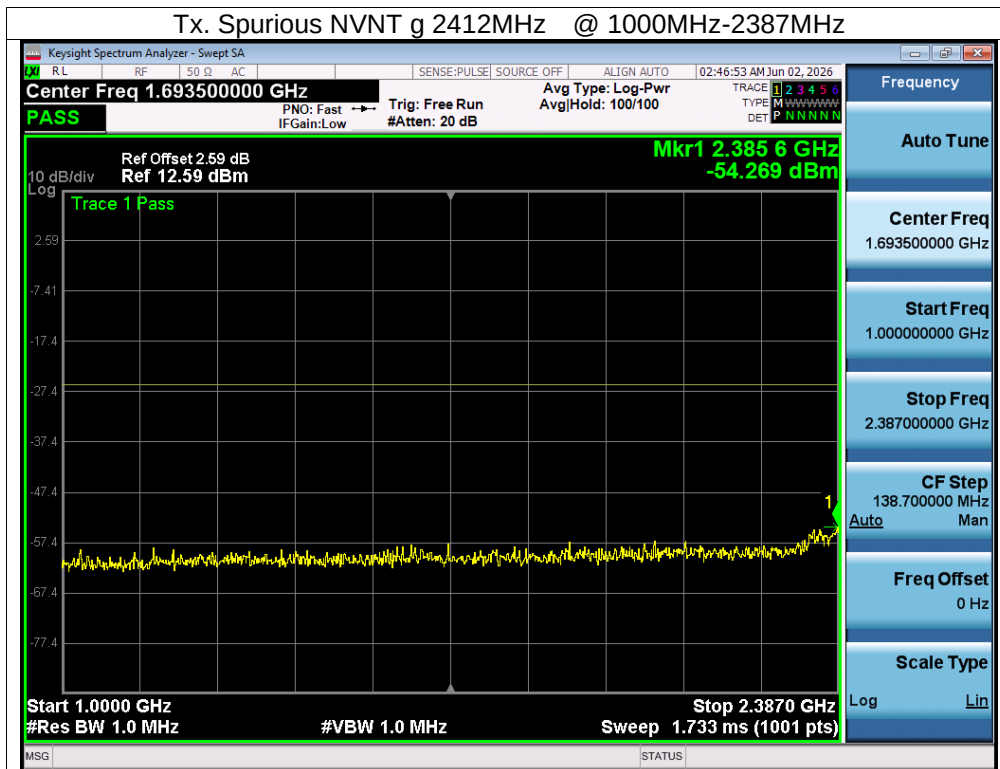


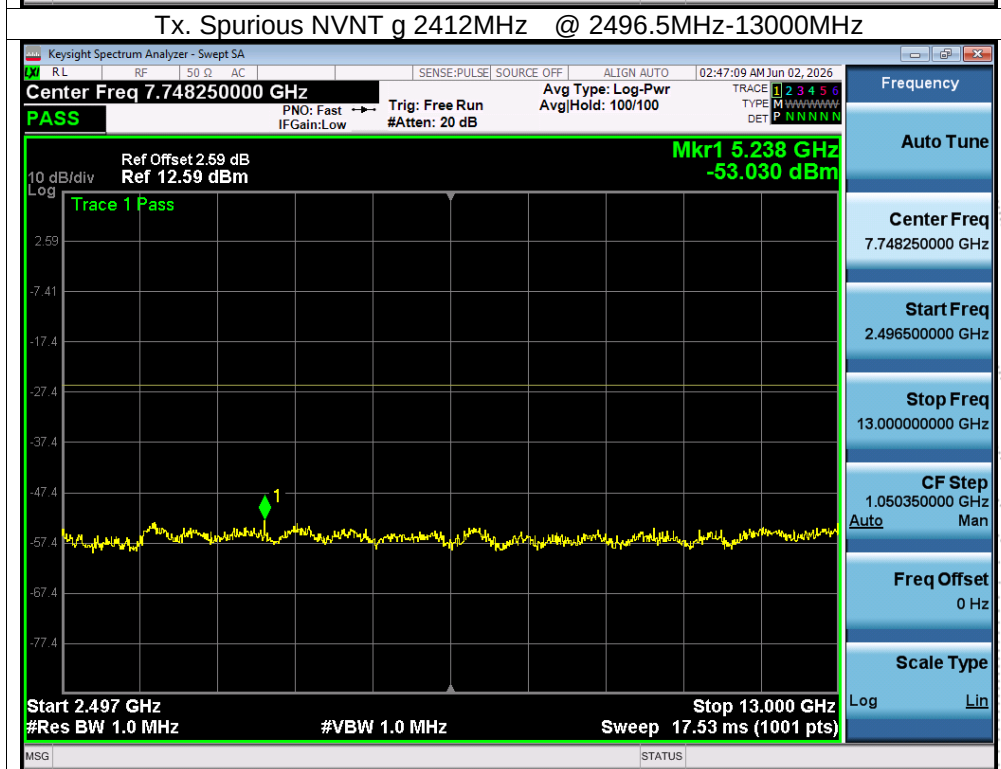
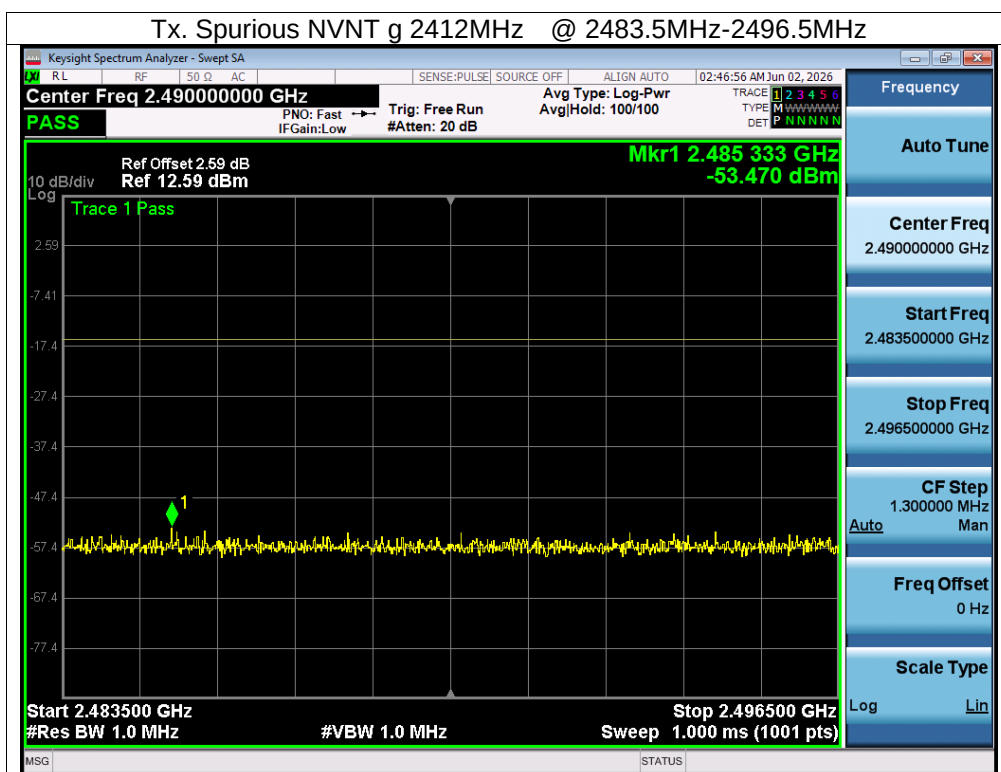


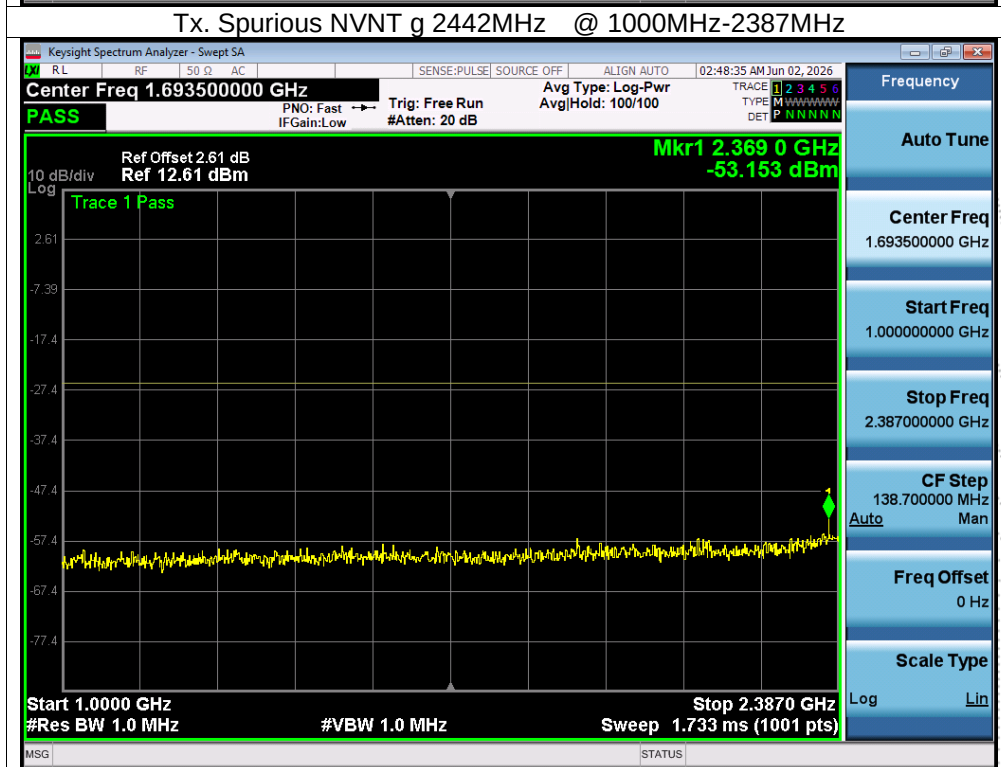
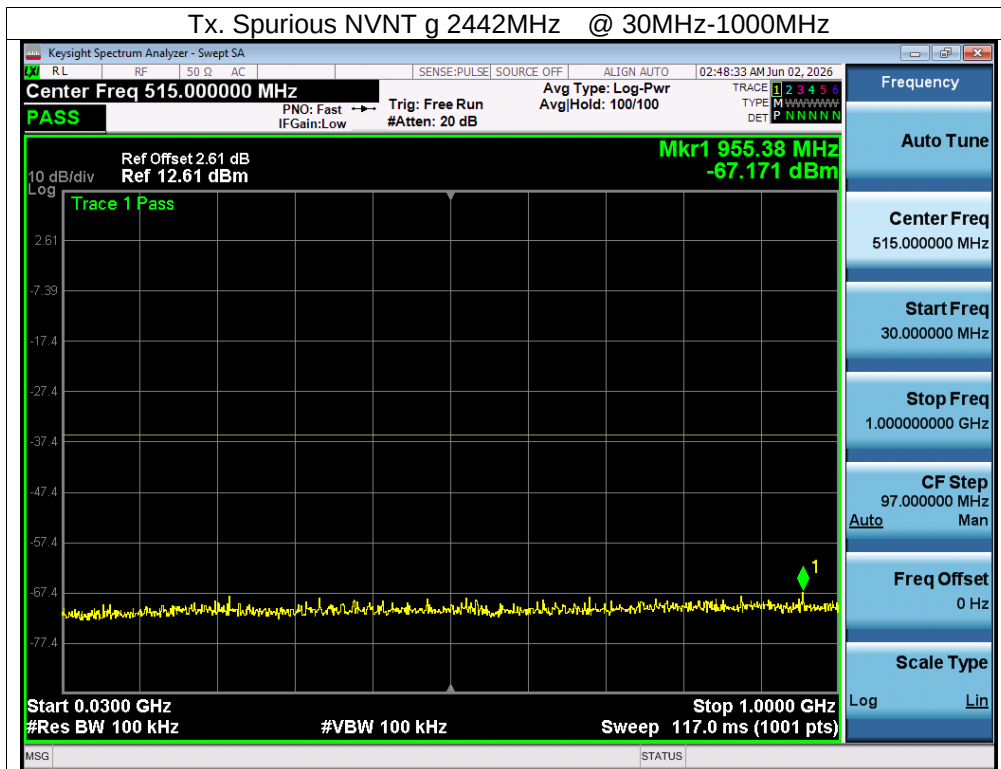
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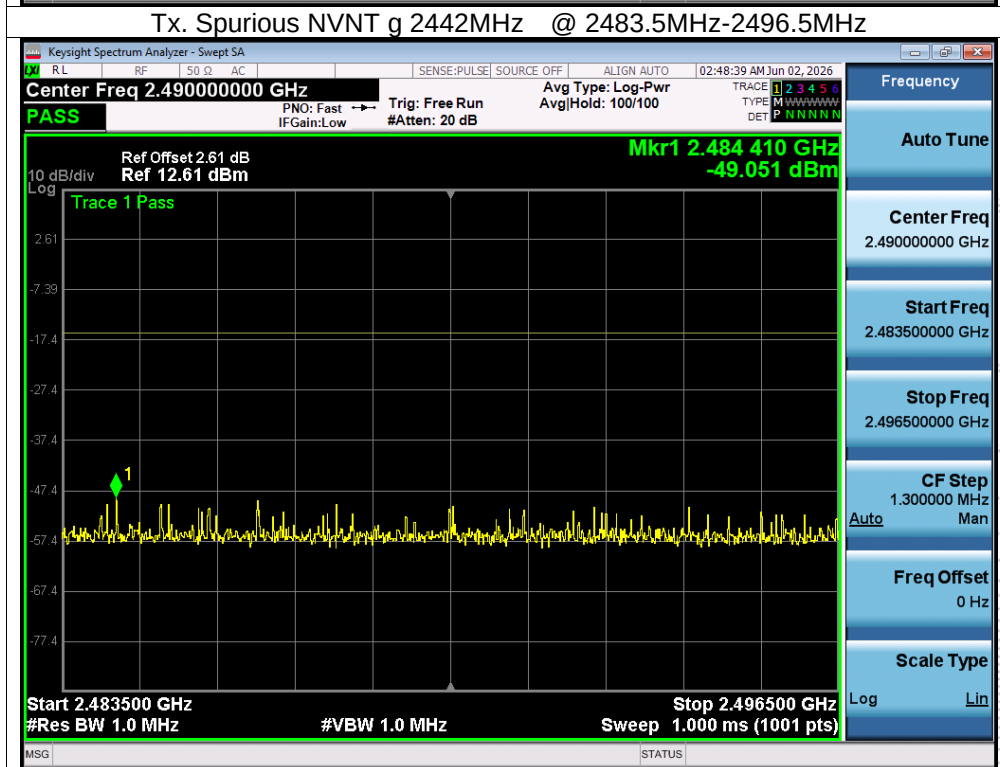
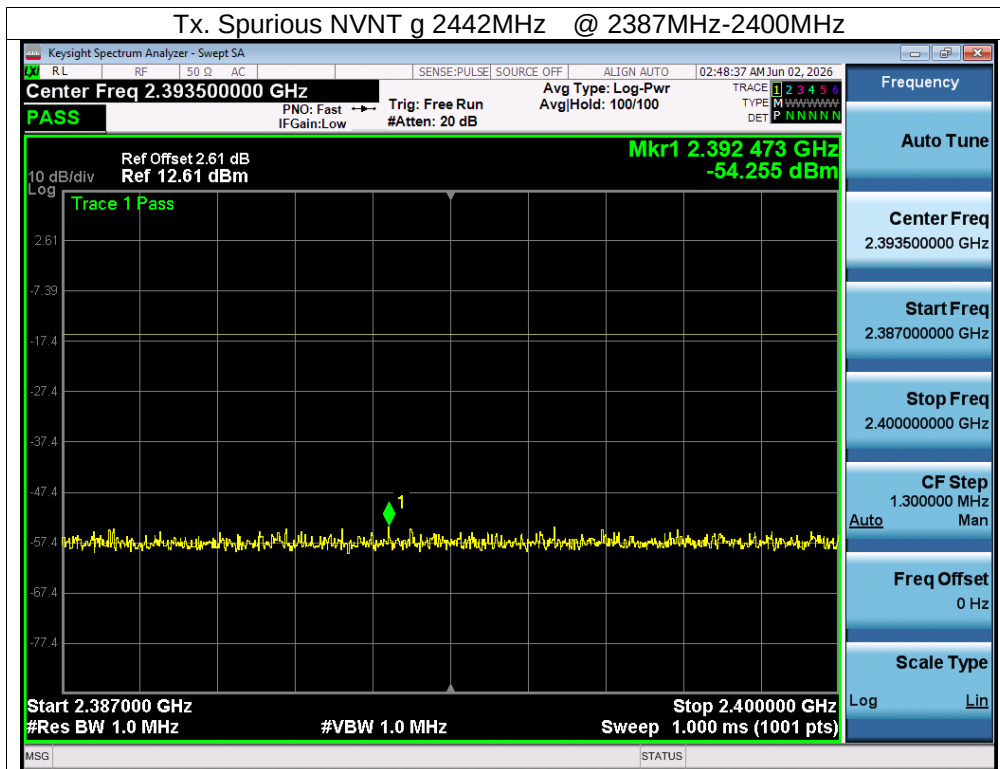


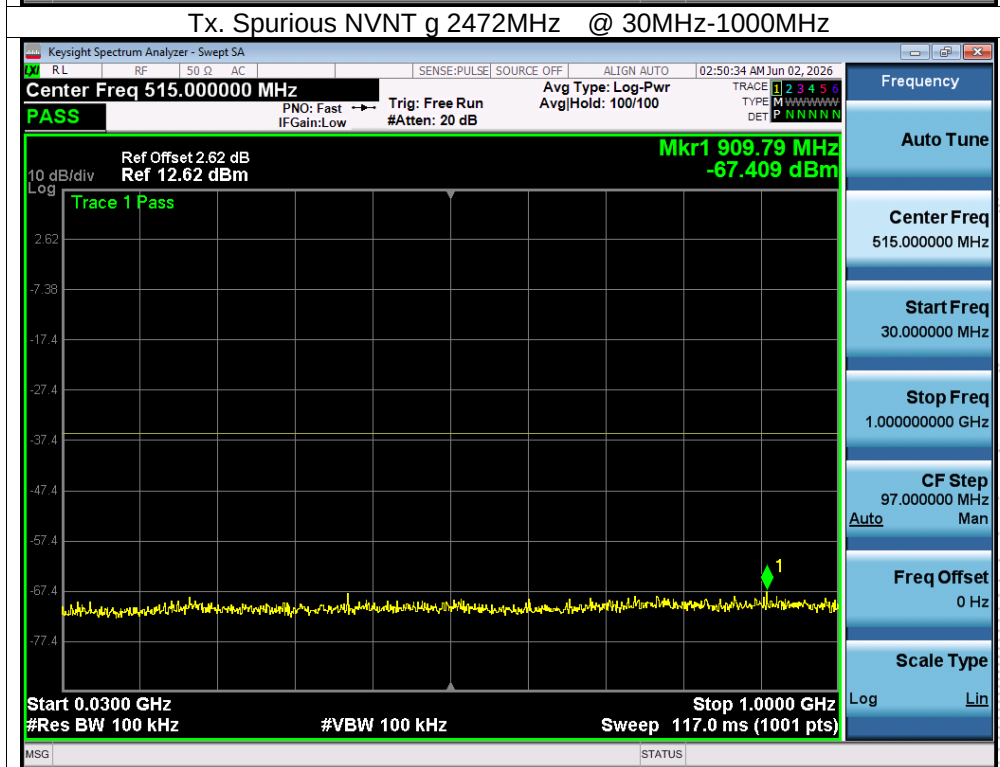
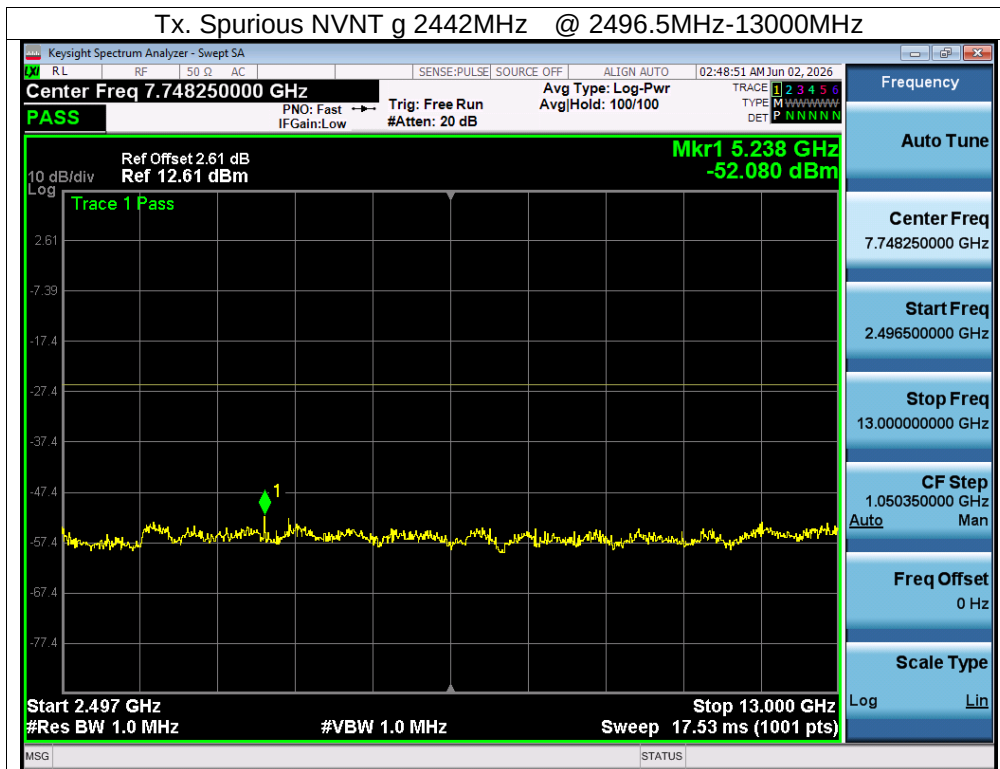


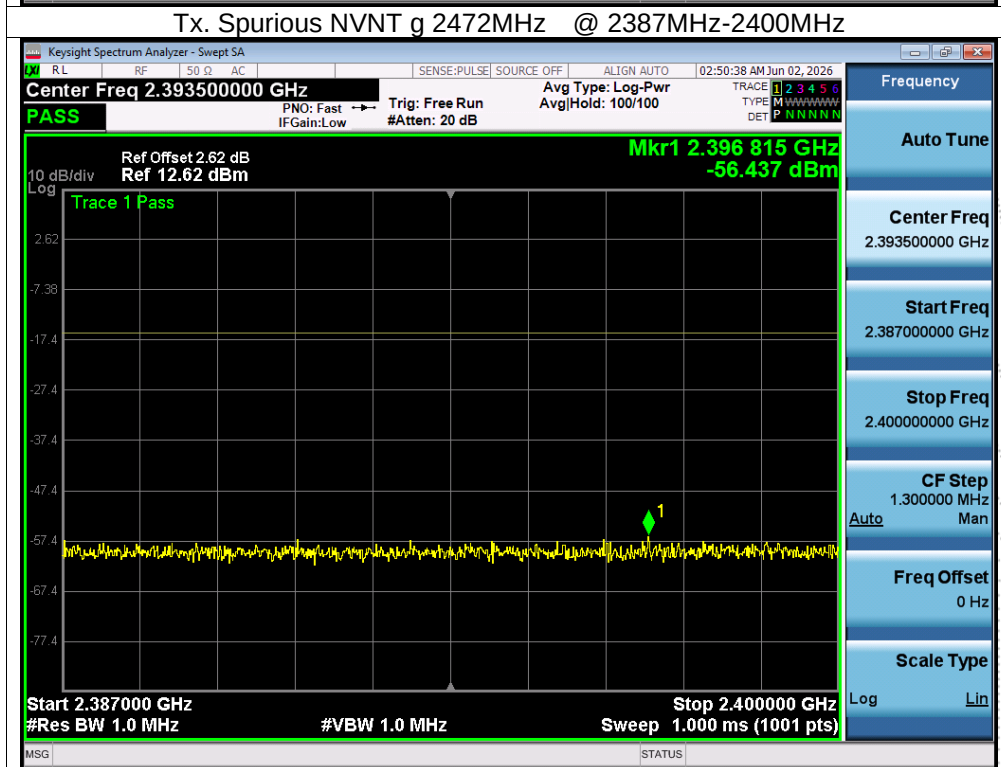
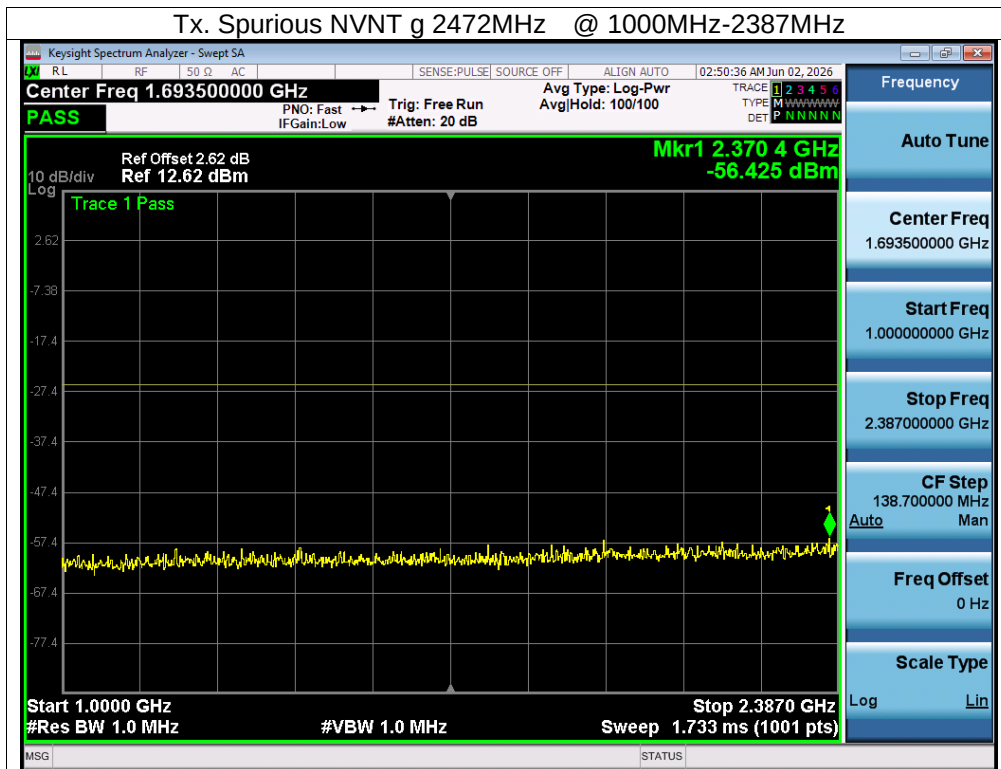


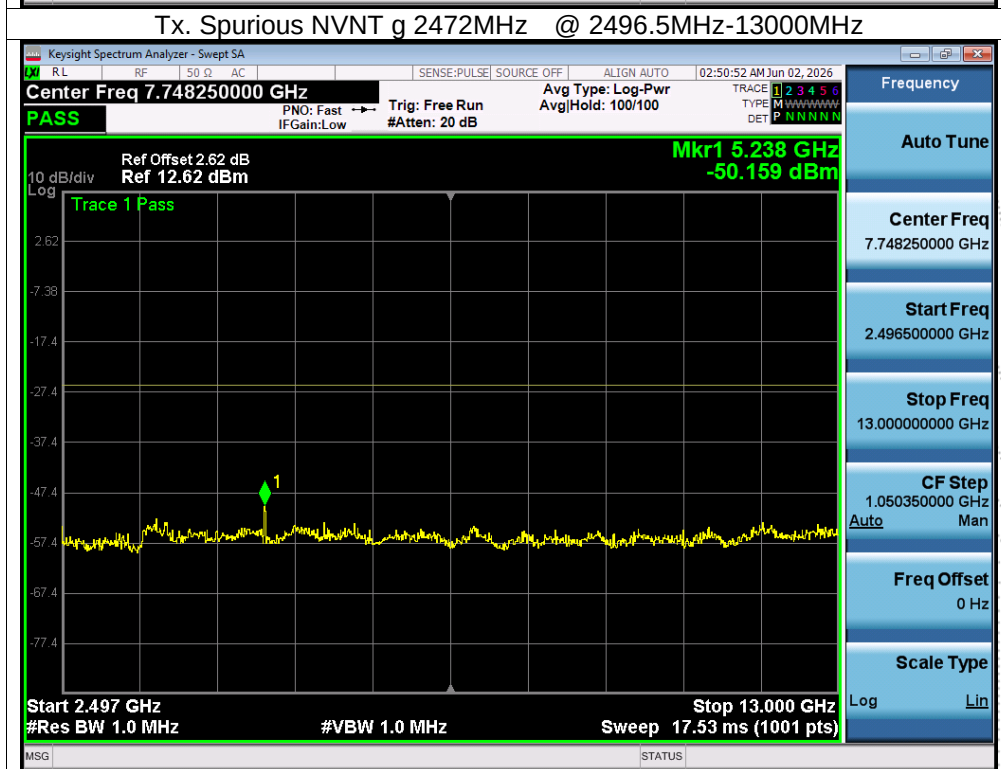
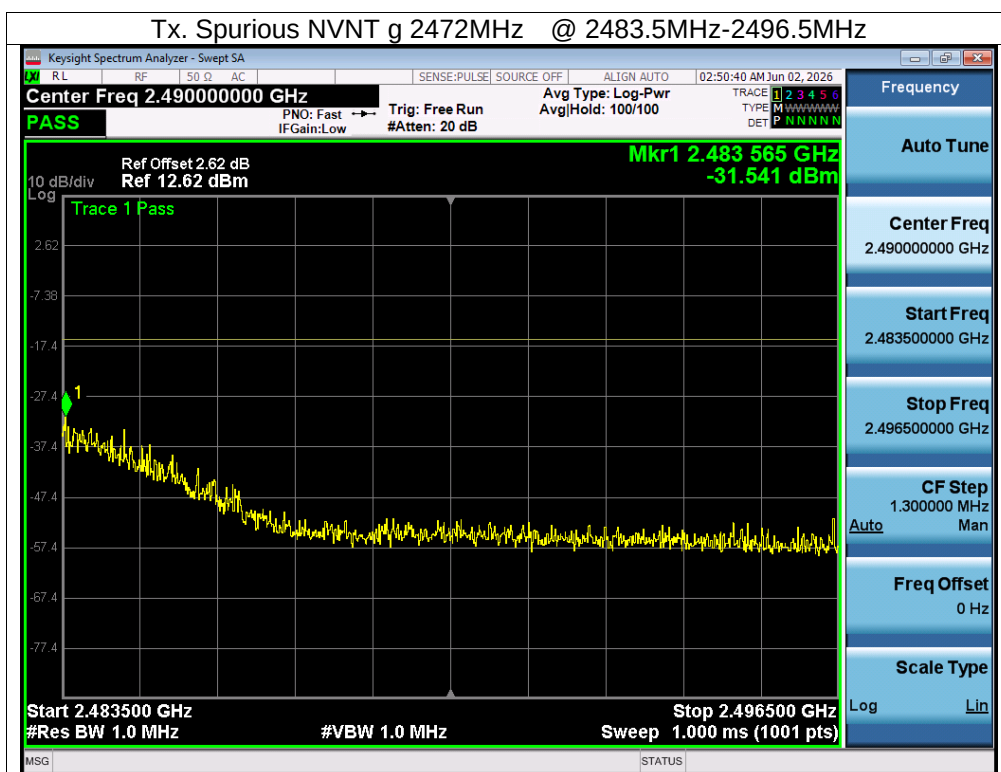


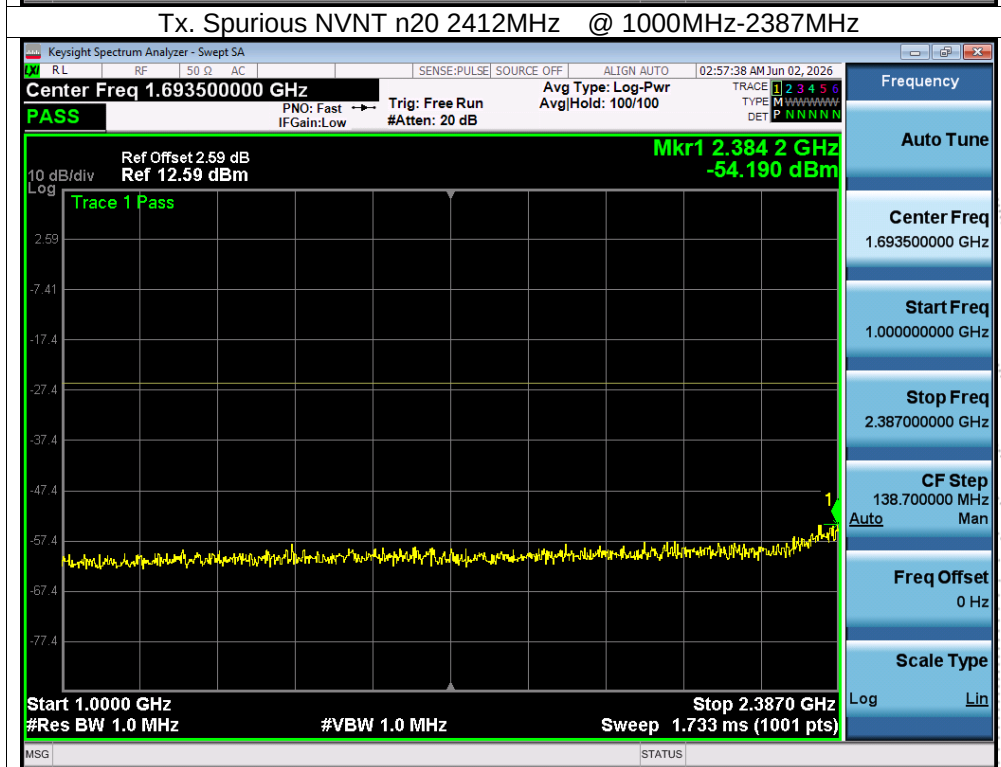
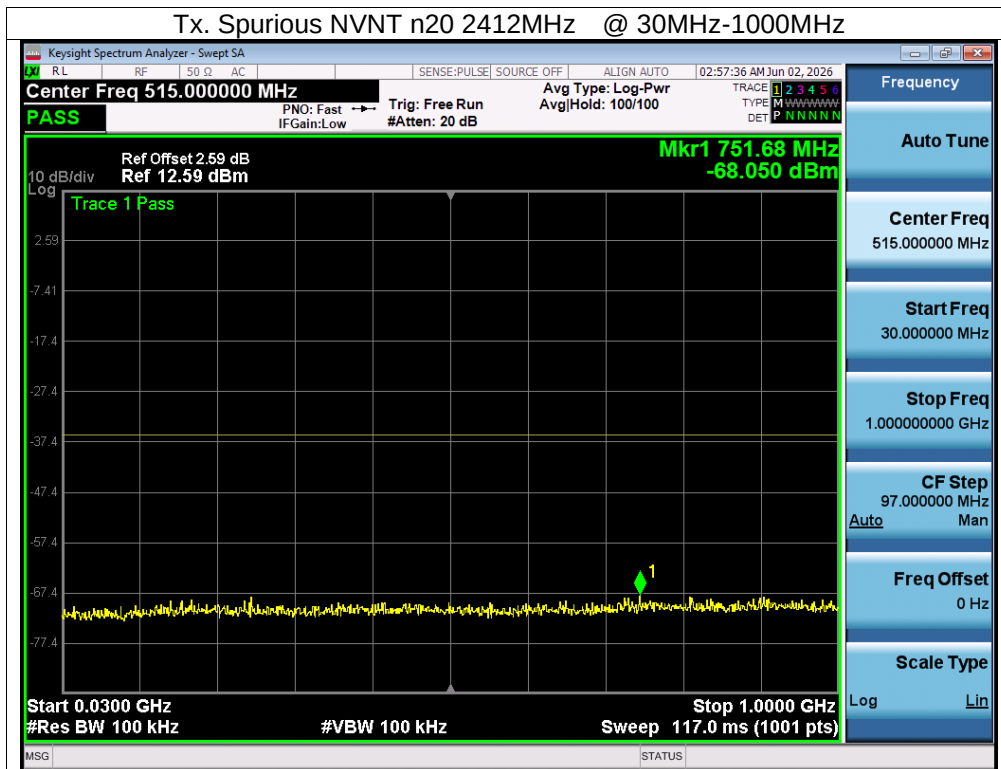


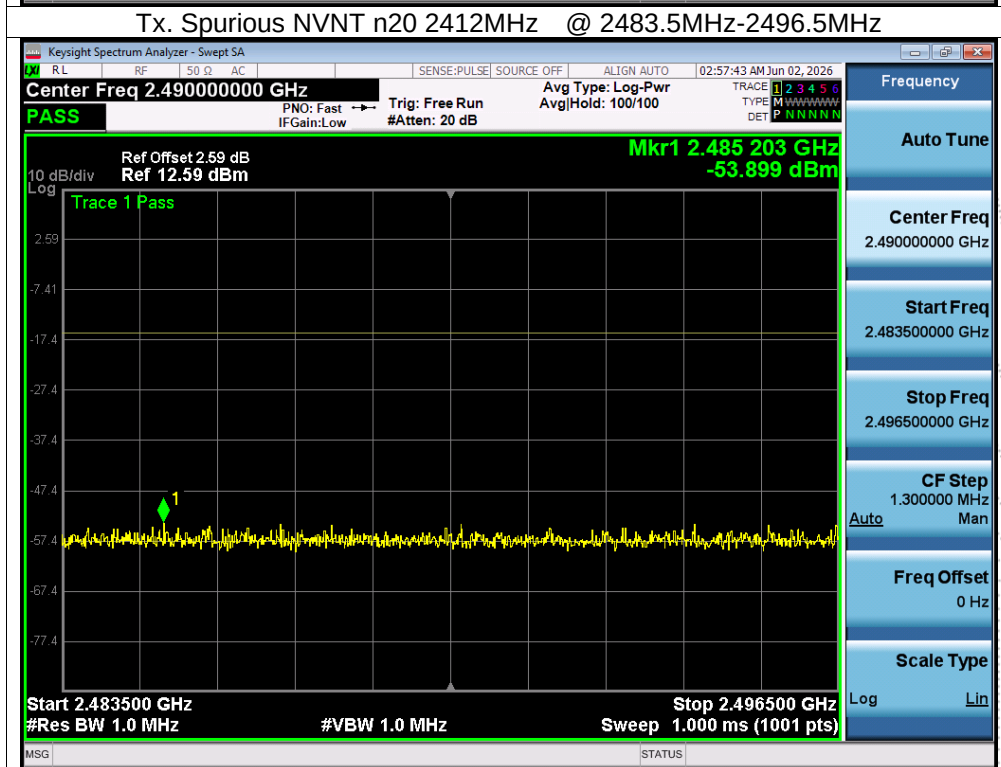
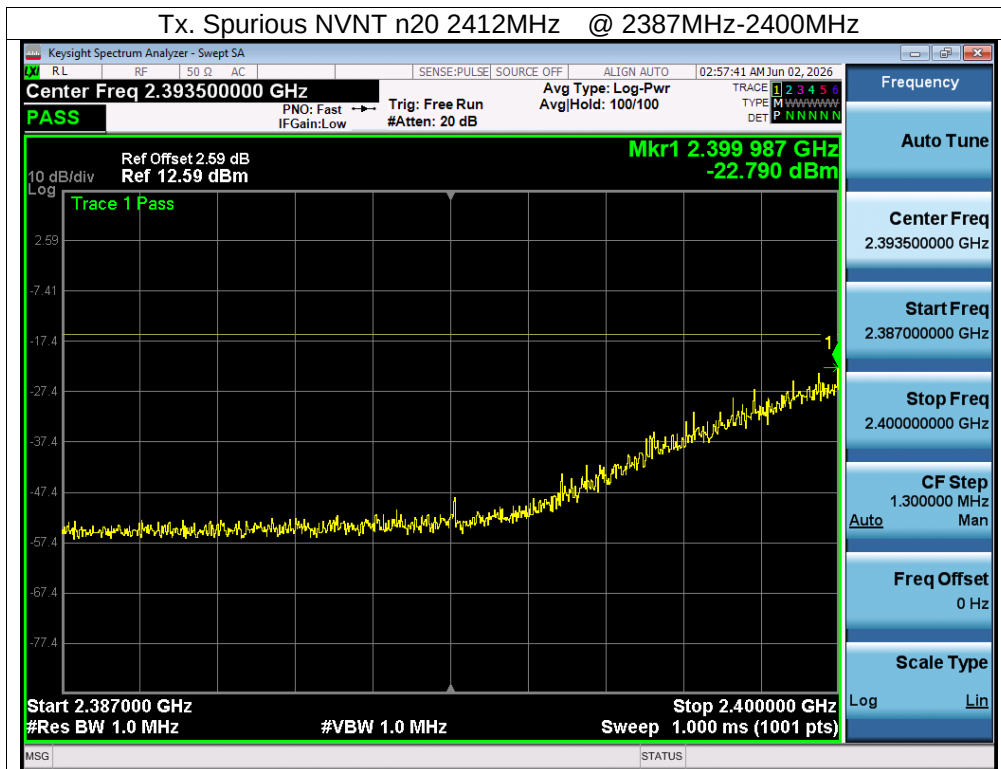


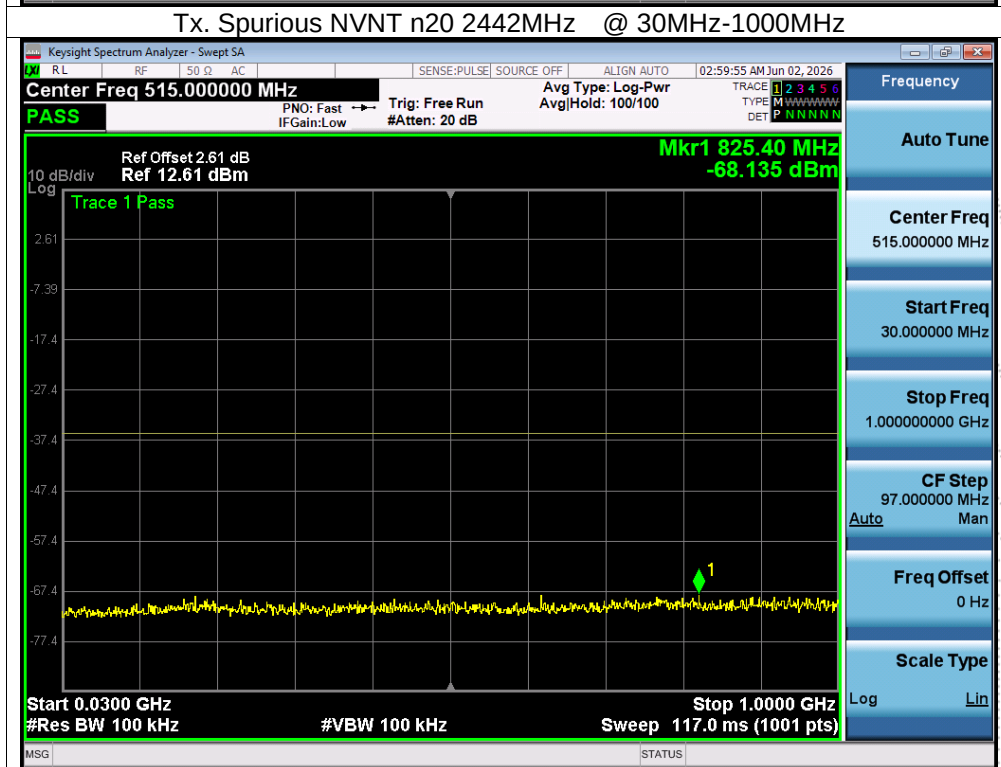
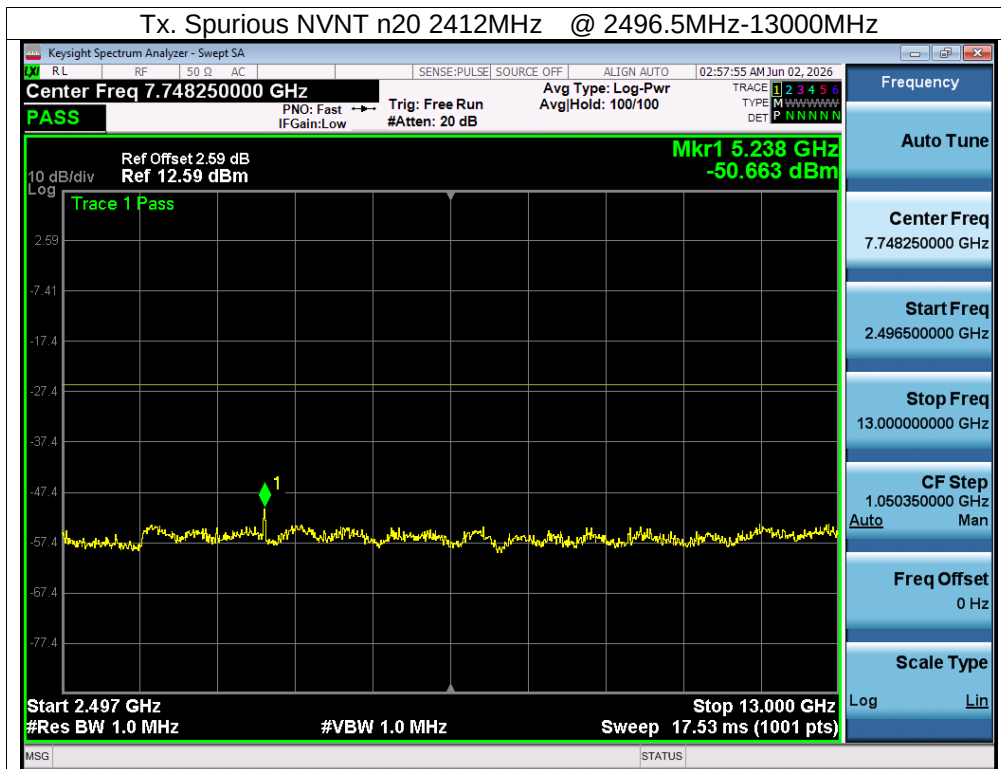


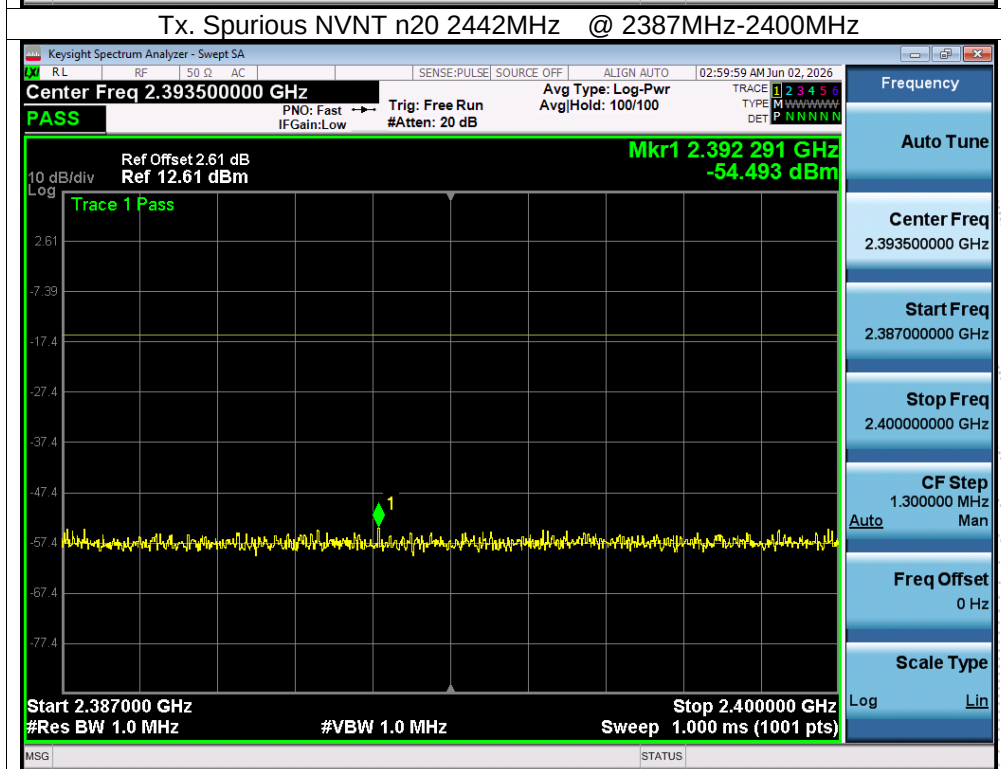
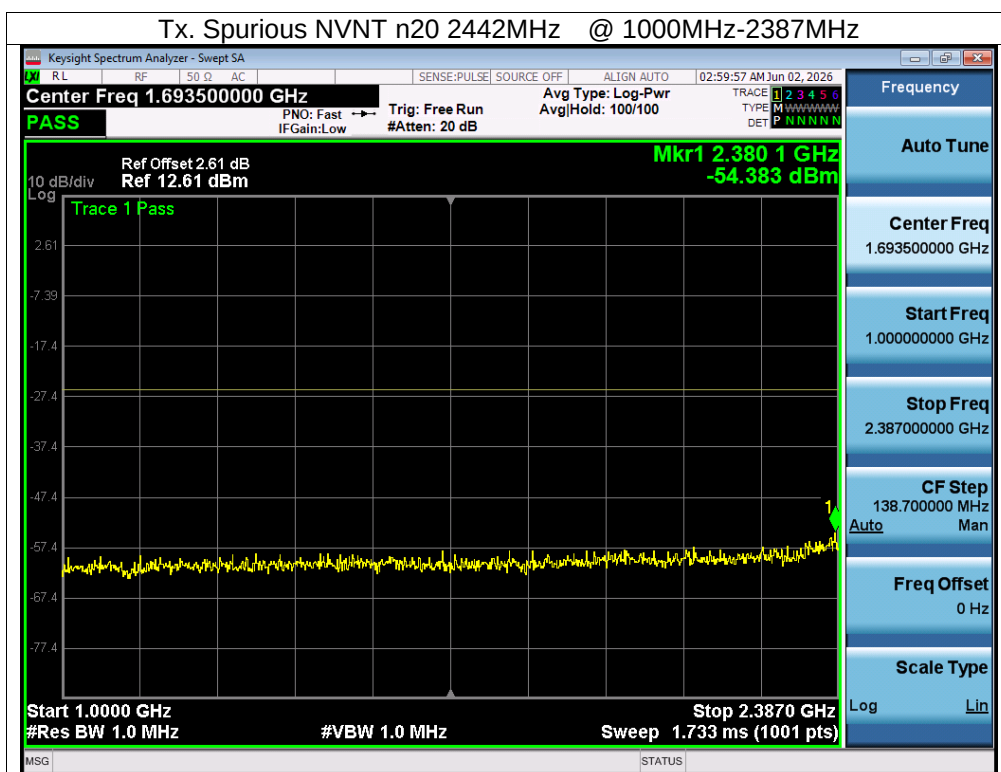


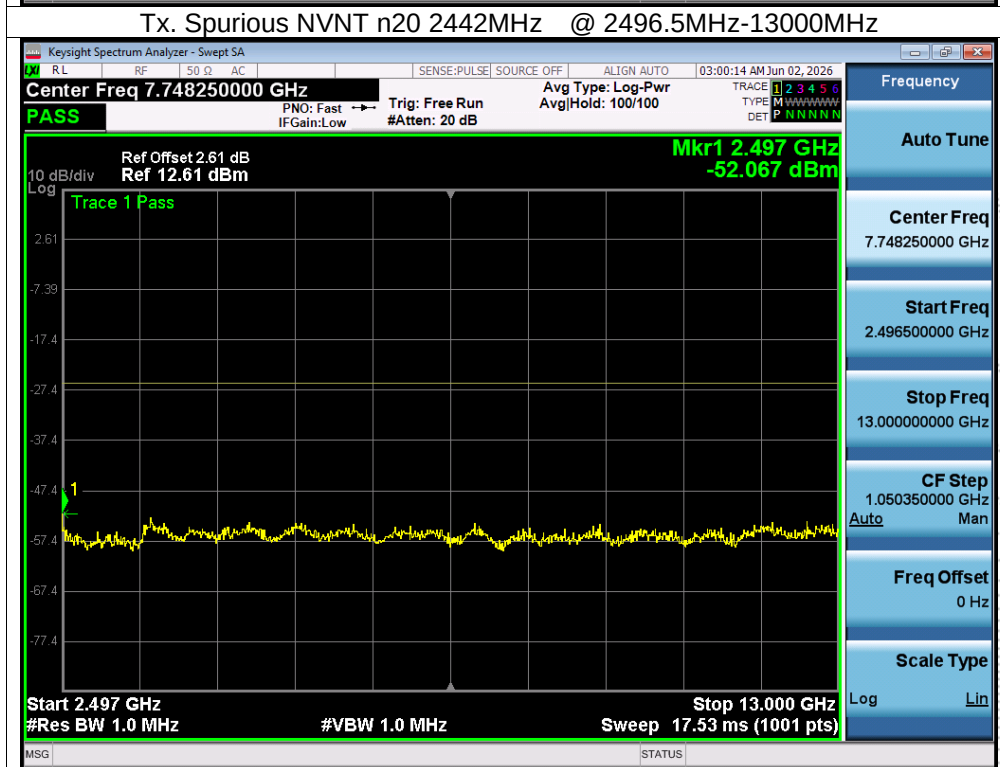
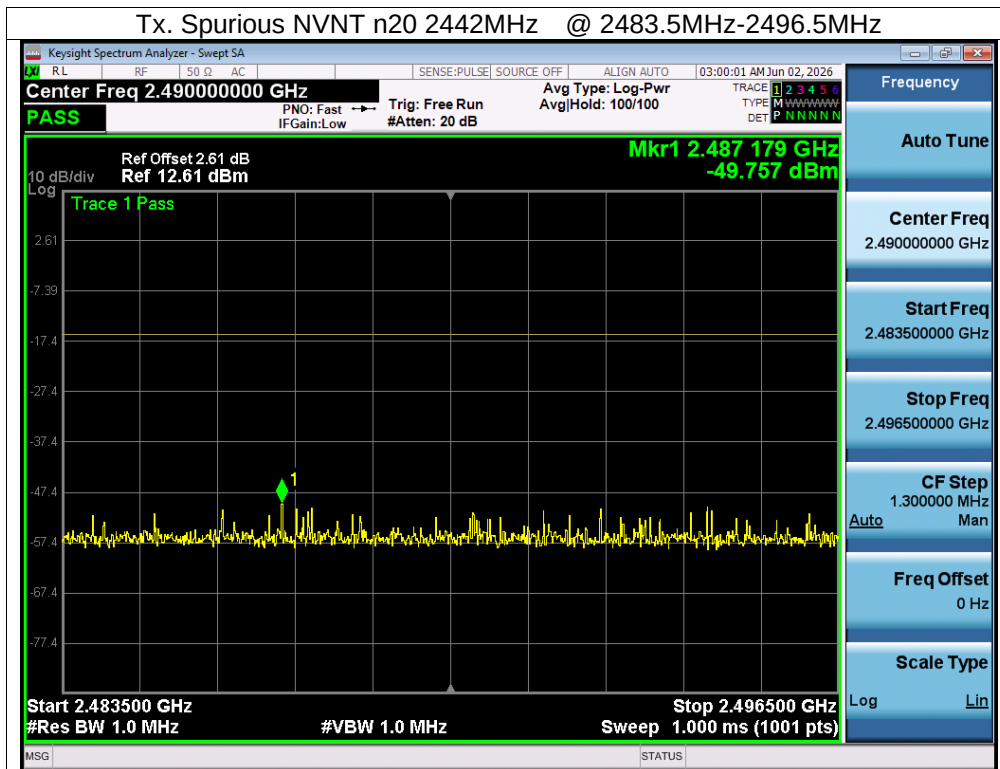


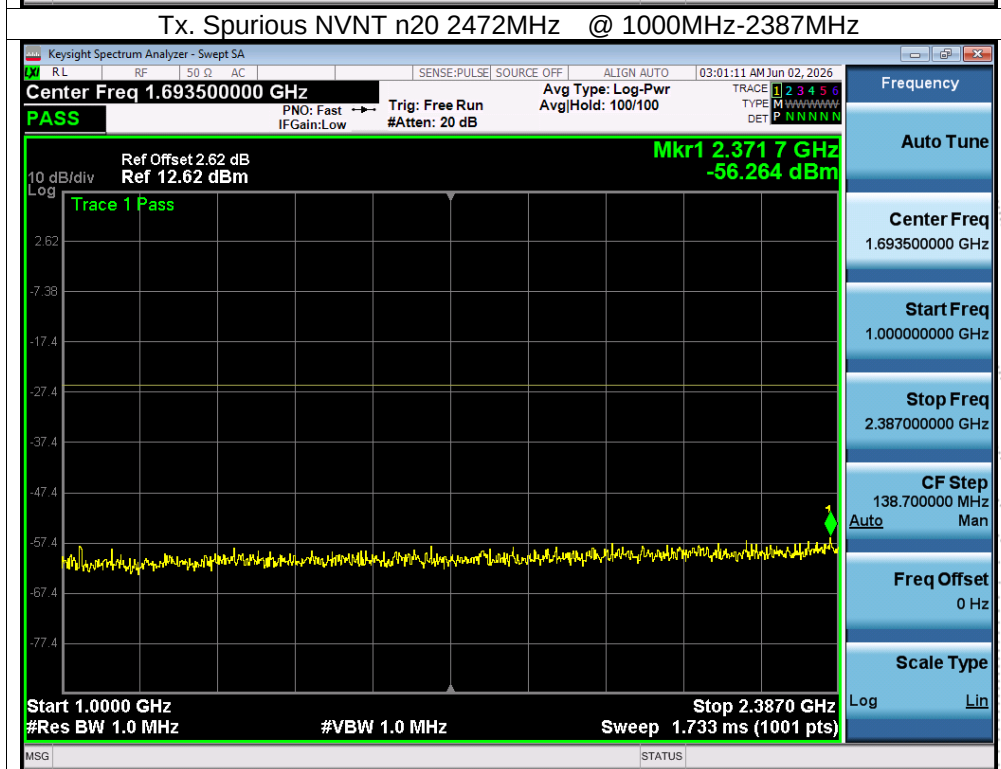
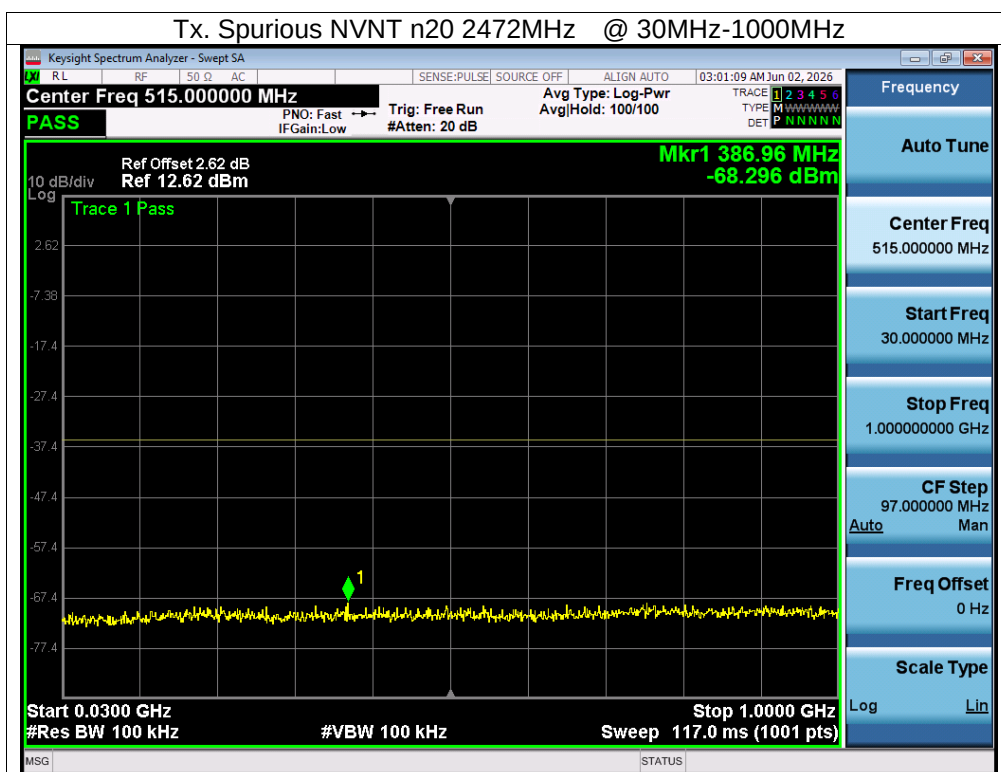


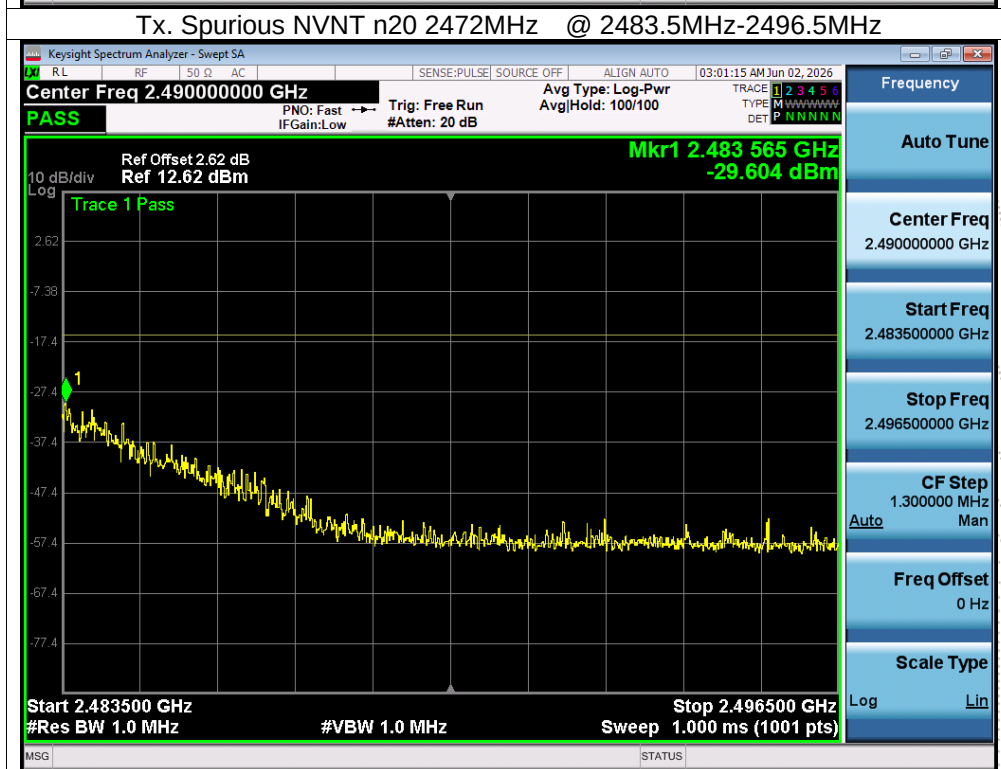
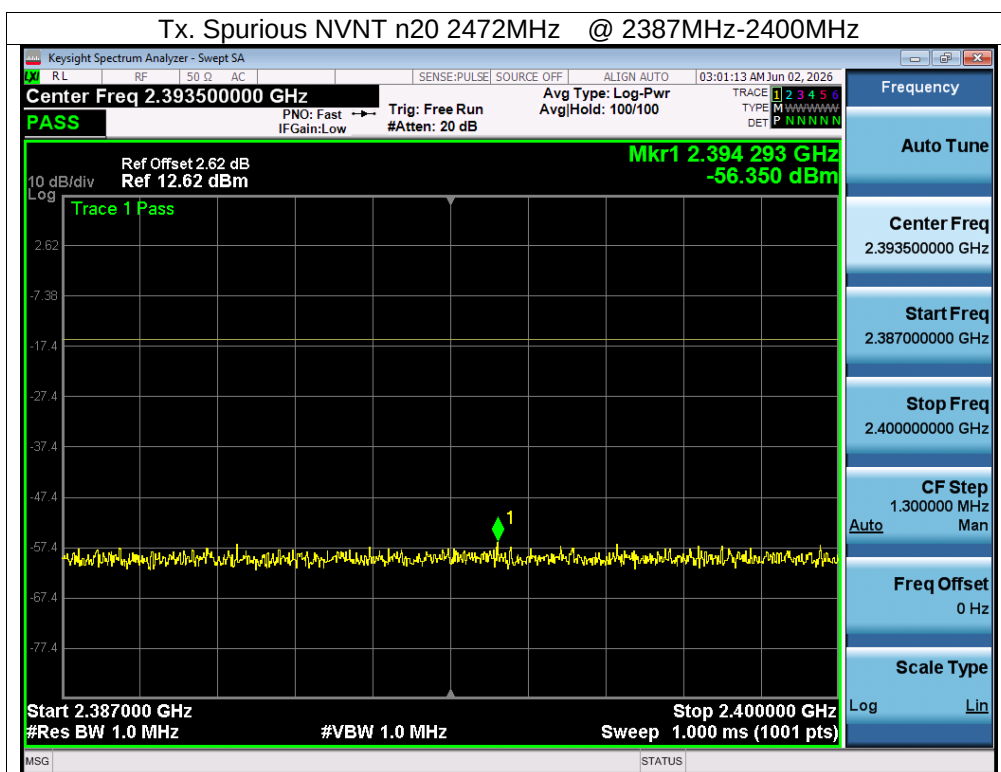


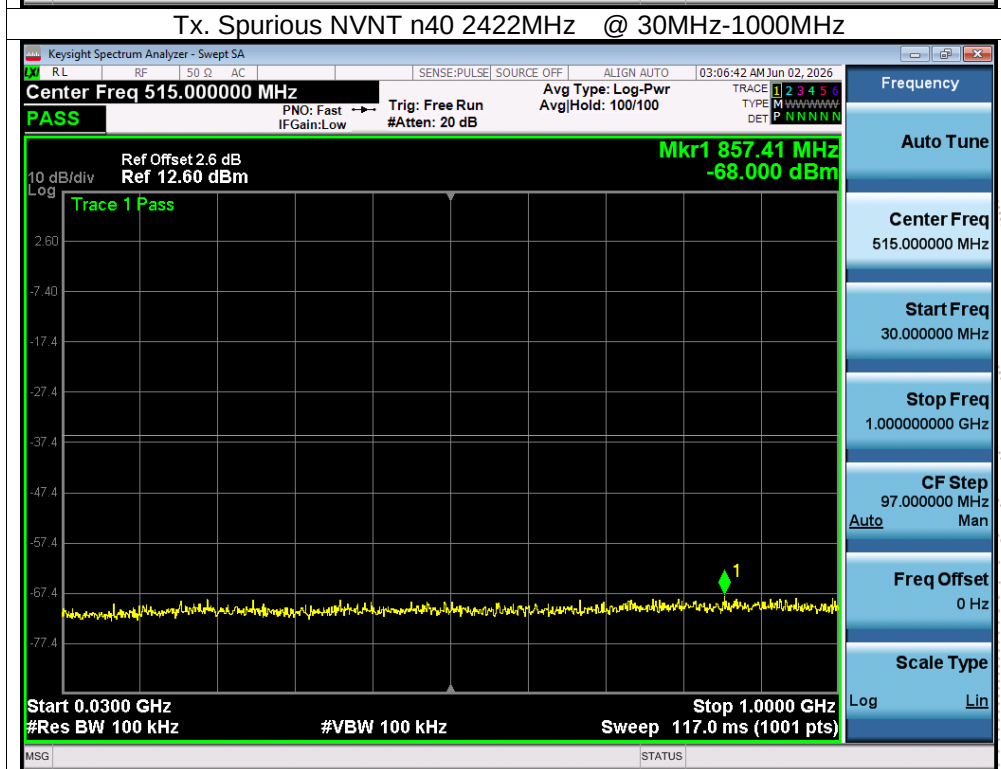
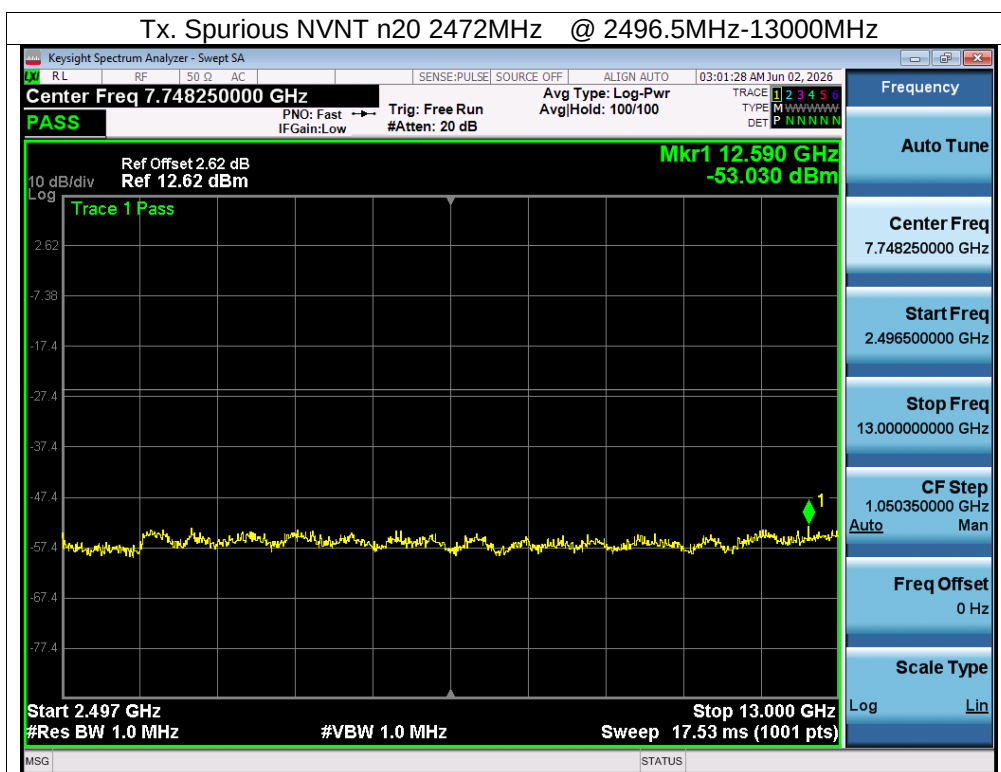


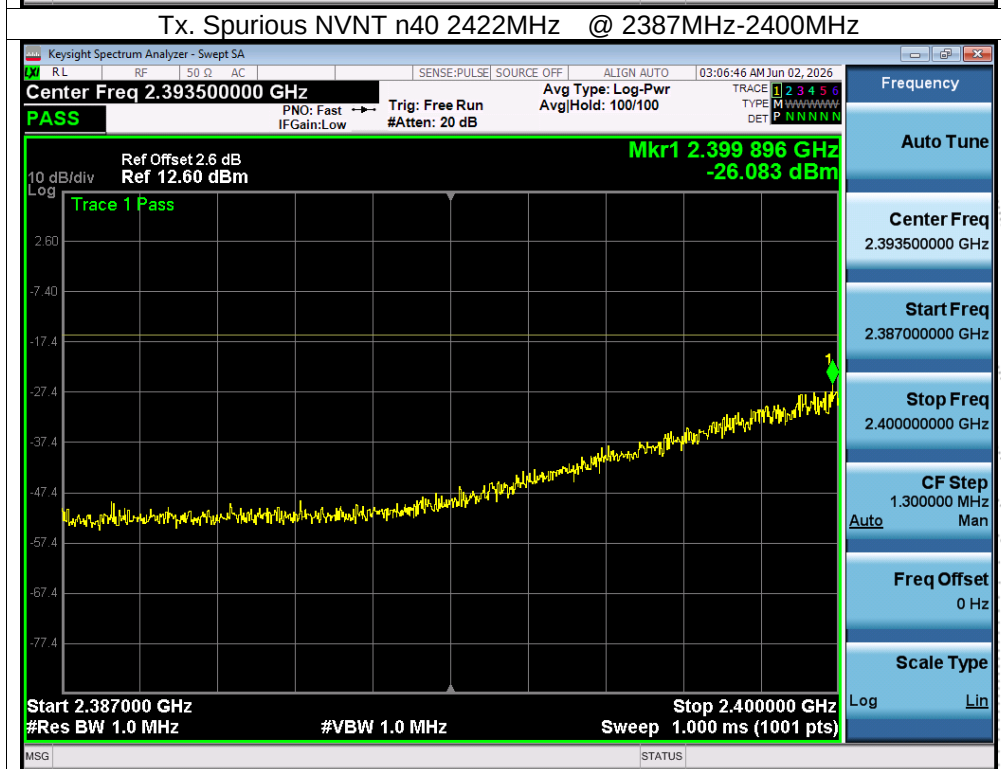
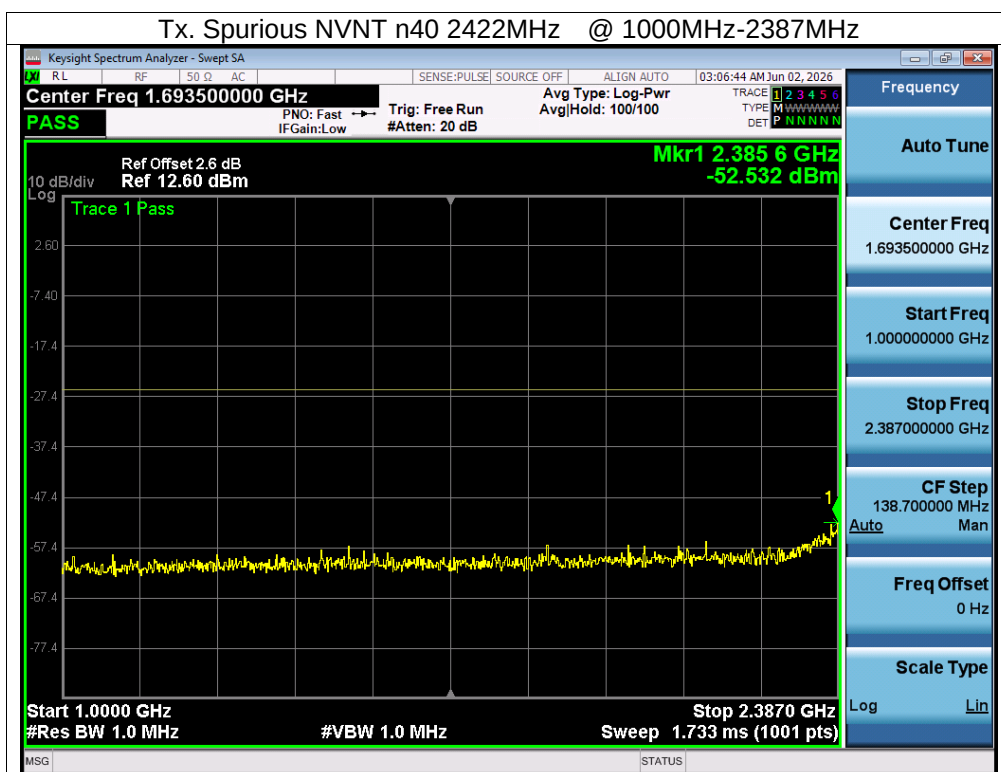




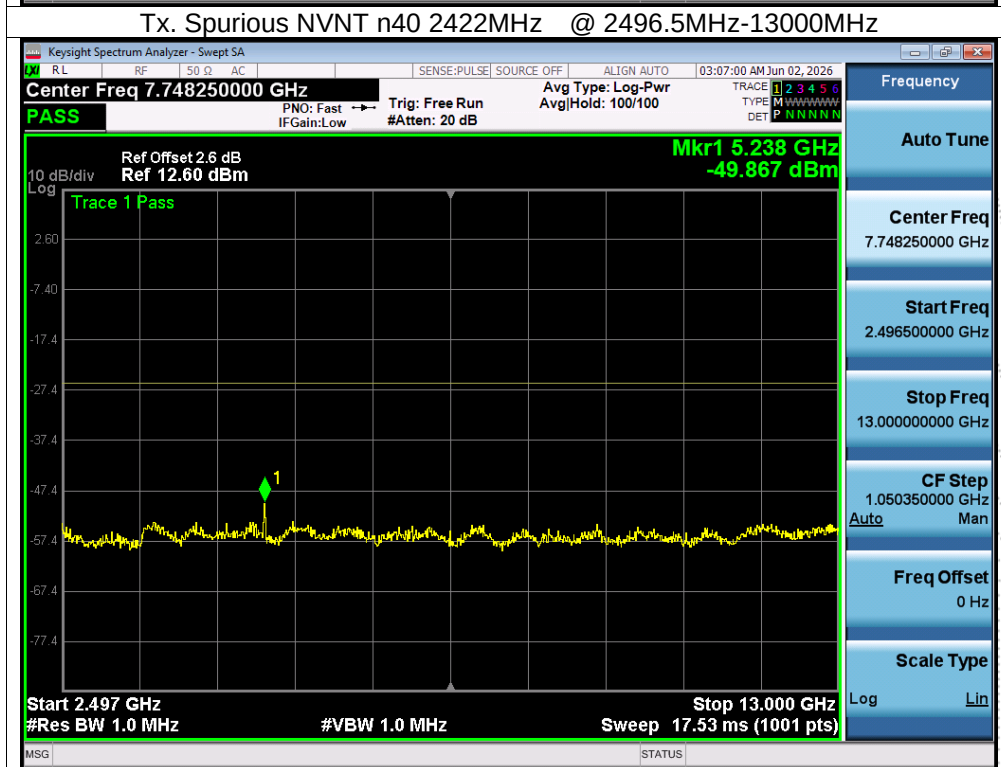
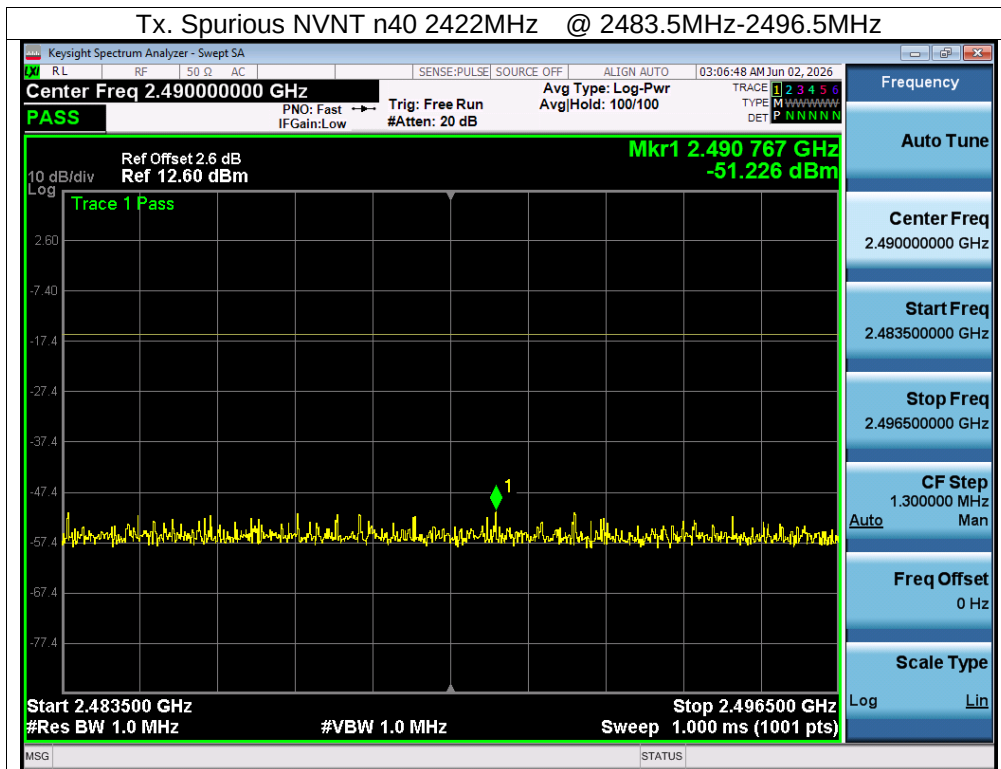


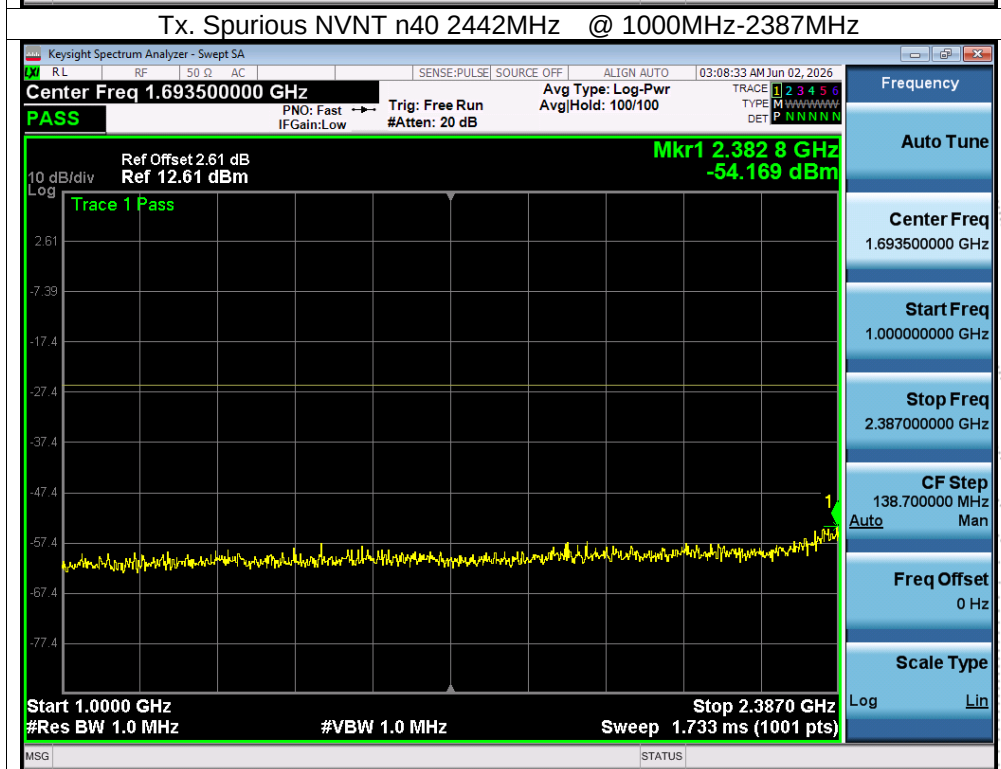
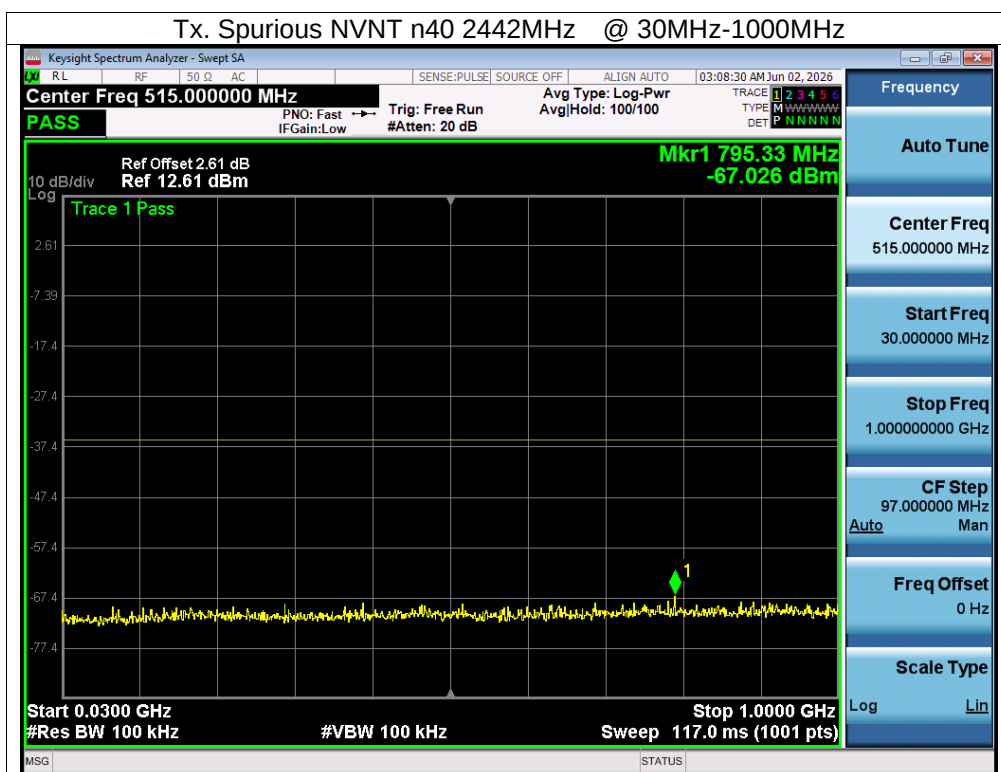


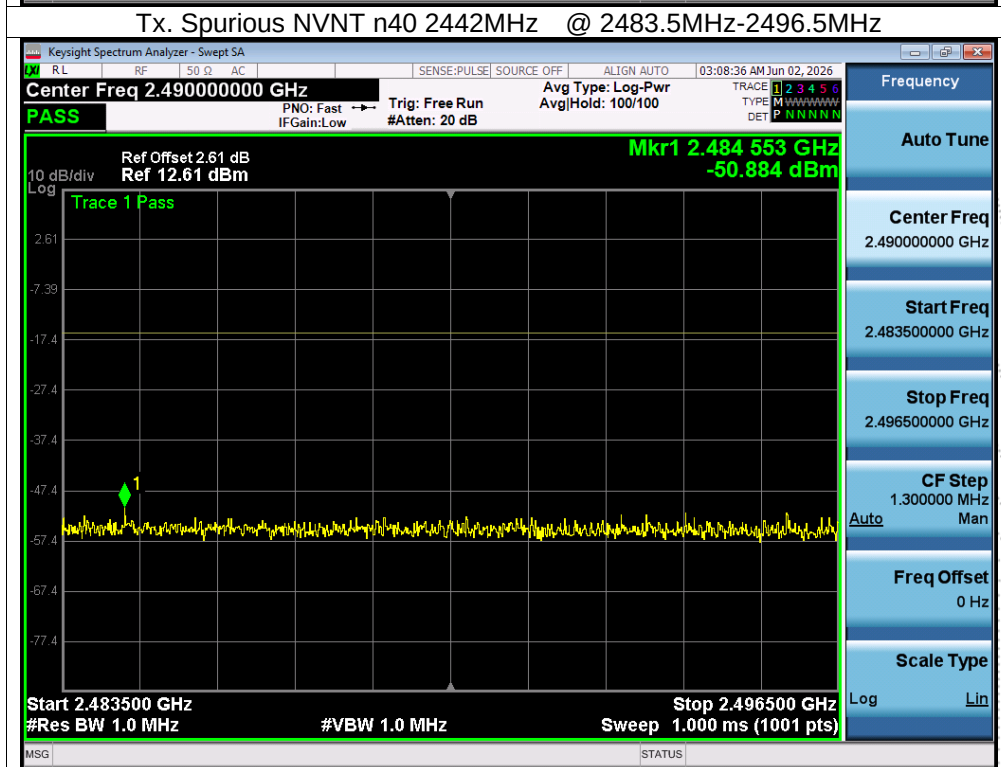
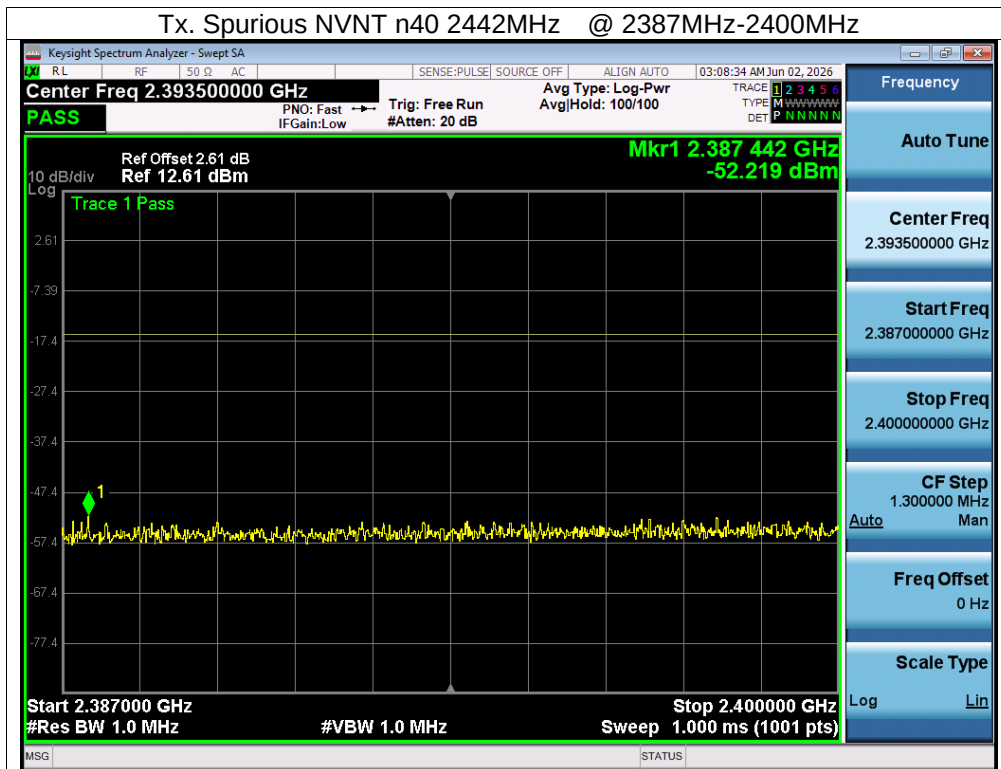


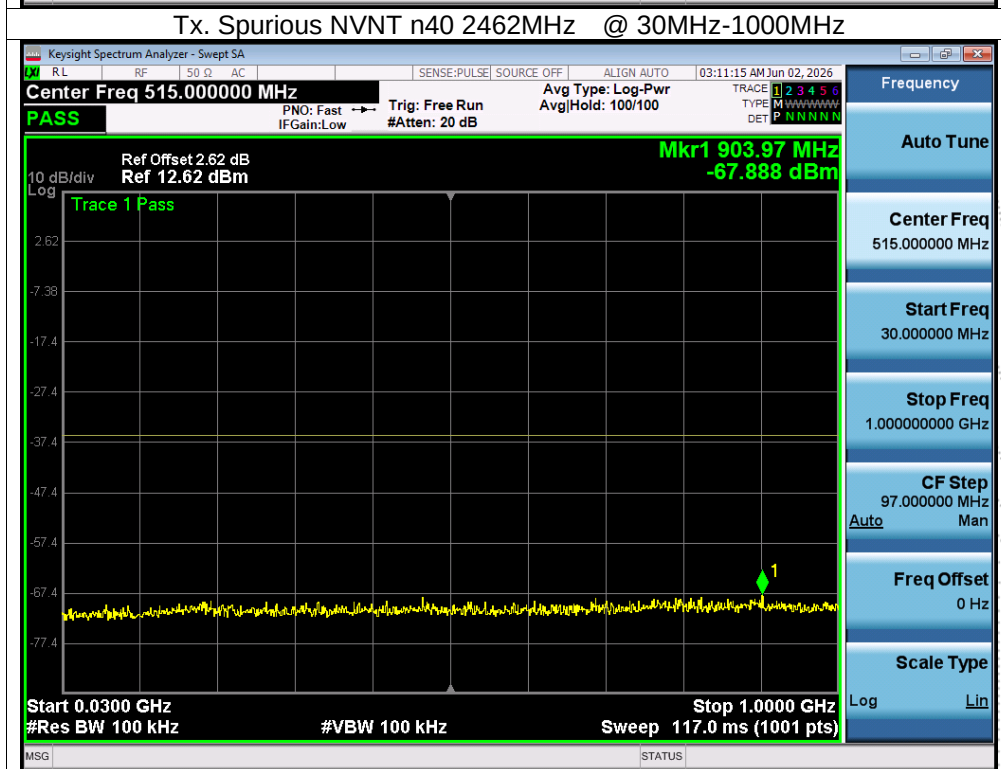
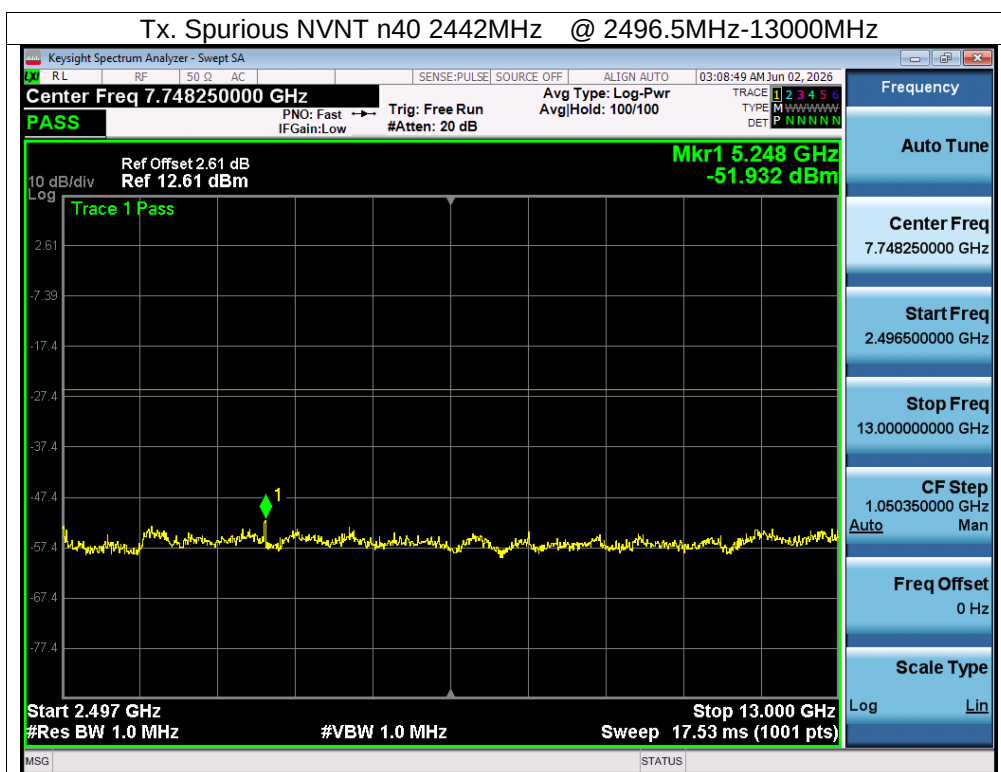


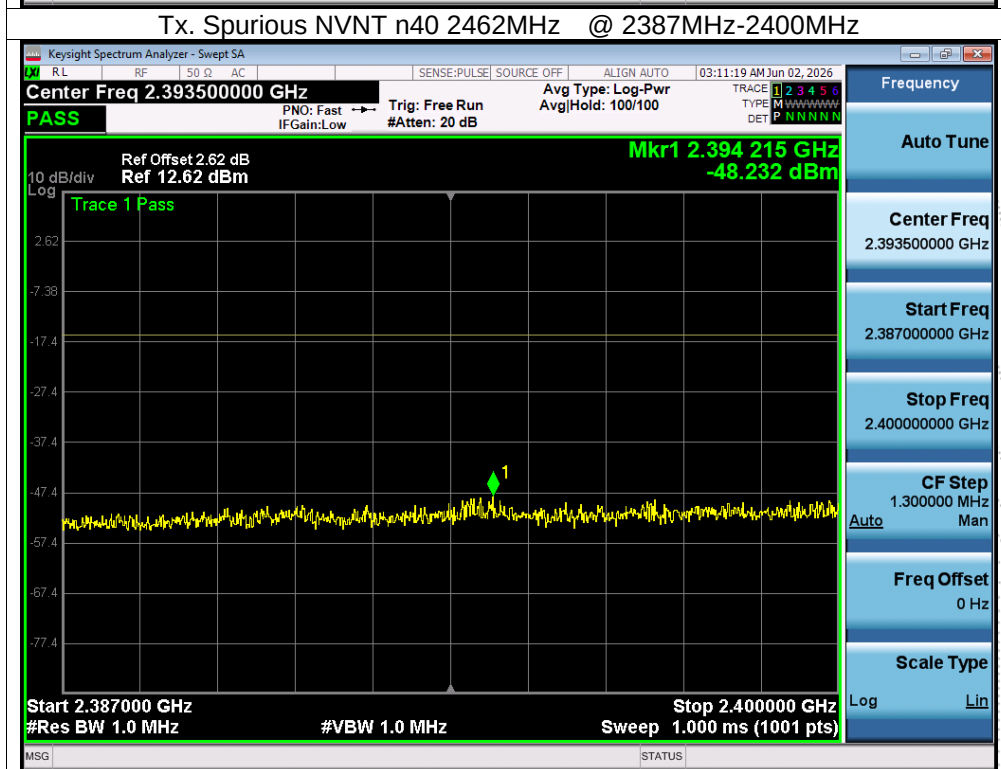
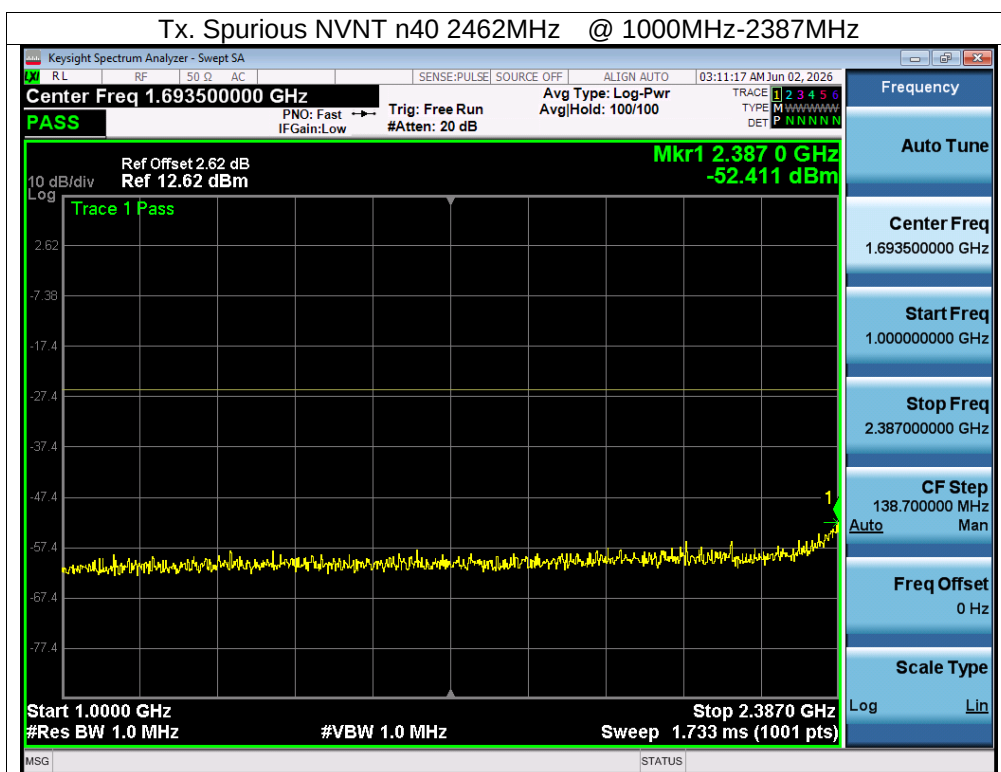
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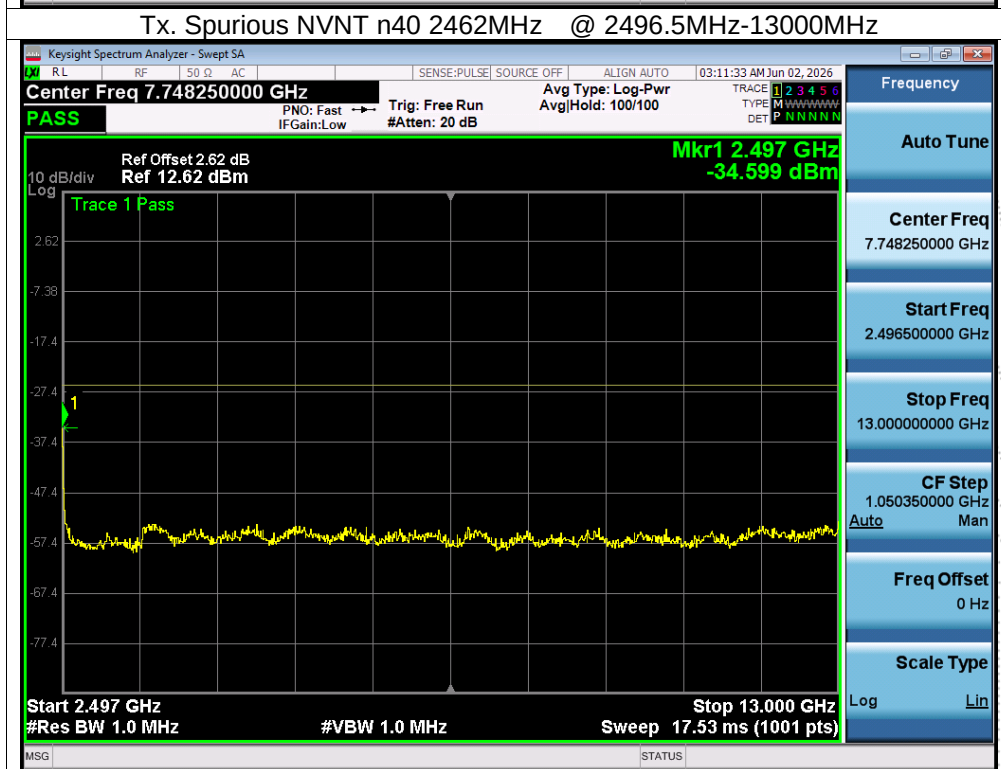
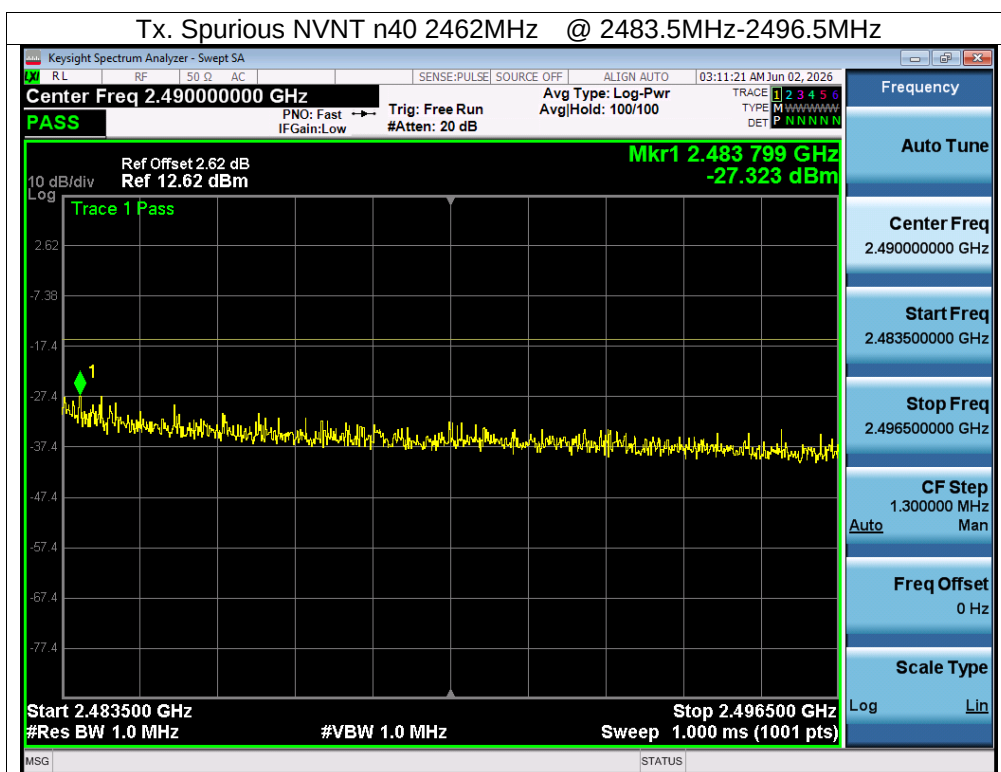








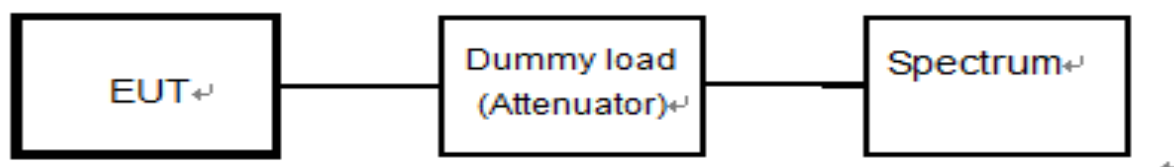




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11. Imitation Of Collateral Emission Of Receiver Measurement

11.1 Block Diagram Of Test Setup



11.2 Limit

Item	Limits
RX Spurious Emission:	$\leq 4\text{nW}$ (-54dBm) ($f < 1\text{GHz}$)
	$\leq 20\text{nW}$ (-47dBm) ($1\text{GHz} \leq f$)

11.3 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	Peak
Trace	Max Hold
Sweep Time	Auto

11.4 Test Procedure

- EUT have the continuous reception mode and fixed only one channelize.
- Setting of SA is following as RB / VB: 100 kHz (below 1GHz emissions) / 1 MHz (above 1GHz emissions) / AT: 6dB / Ref: -20dBm / Sweep time: Auto / Sweep Mode: Continuous sweep / Detect mode: Positive peak / Trace mode: Max hold
- SA set RB: 100 kHz and VB: 100 kHz. 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 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
- 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.

11.5 Test Result

Antenna A:

Temperature:	25°C		
Humidity:	55 % RH	Test Voltage	DC 7.6V

Condition	Mode	Frequency (MHz)	Range (MHz)	Emission Frequency (MHz)	Max Value (dBm)	Limit (dBm)	Verdict
NVNT	b	2412	30-1000	914.64	-88.86	-54	Pass
NVNT	b	2412	1000-13000	2428	-65.96	-47	Pass
NVNT	b	2442	30-1000	831.22	-88.66	-54	Pass
NVNT	b	2442	1000-13000	2428	-67.13	-47	Pass
NVNT	b	2472	30-1000	852.56	-87.7	-54	Pass
NVNT	b	2472	1000-13000	5236	-60.01	-47	Pass
NVNT	n40	2422	30-1000	778.84	-88.66	-54	Pass
NVNT	n40	2422	1000-13000	5236	-62.02	-47	Pass
NVNT	n40	2442	30-1000	772.05	-88.46	-54	Pass
NVNT	n40	2442	1000-13000	2428	-65.49	-47	Pass
NVNT	n40	2462	30-1000	787.57	-88.48	-54	Pass
NVNT	n40	2462	1000-13000	2428	-66.56	-47	Pass

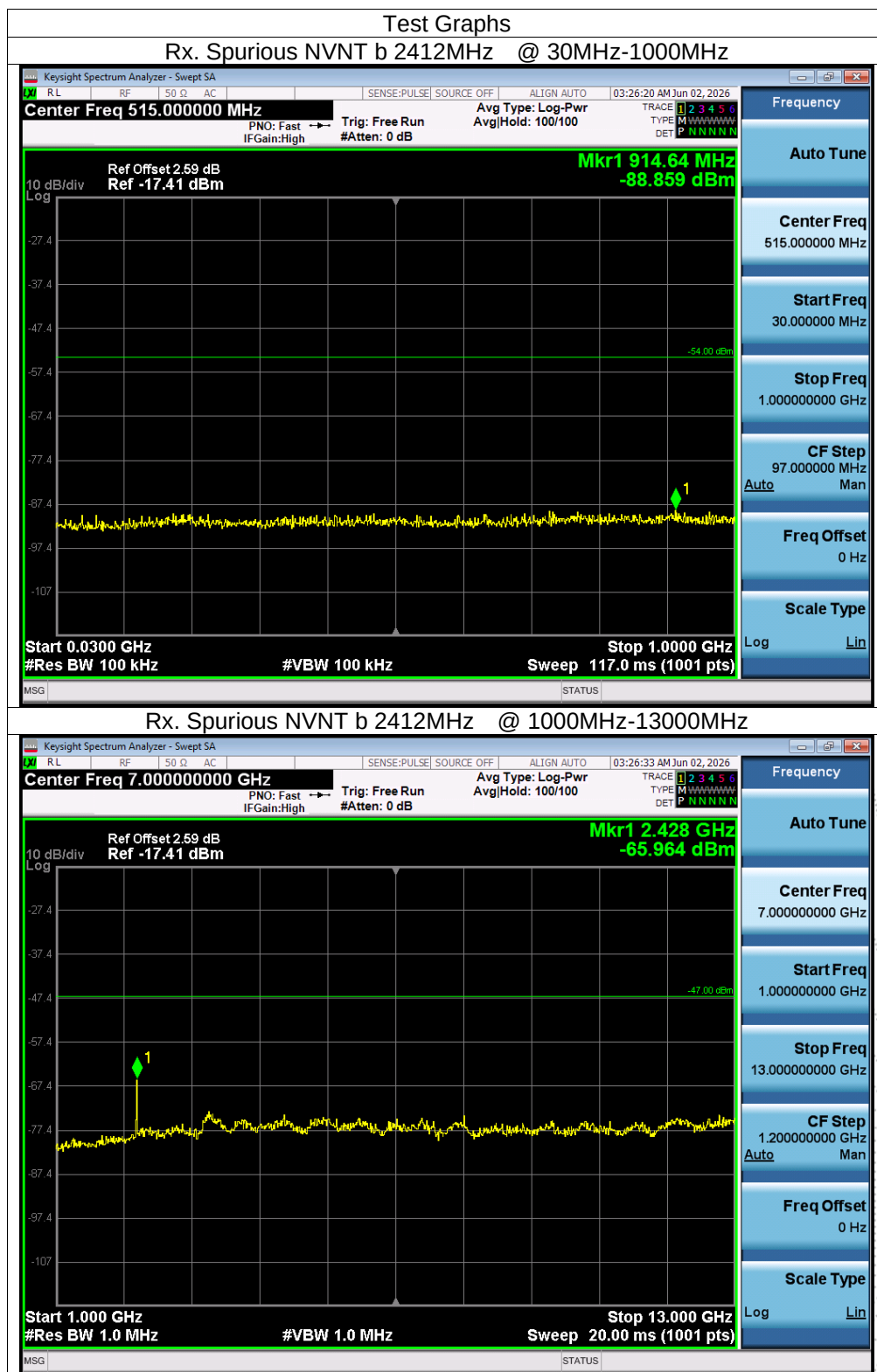
Antenna B:

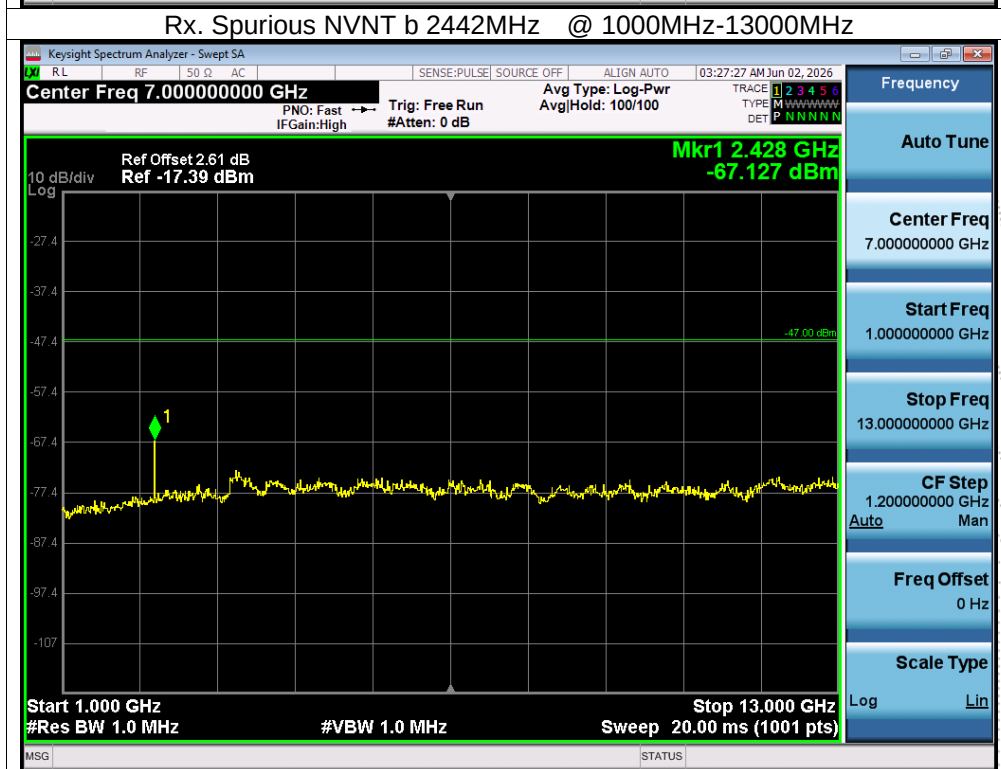
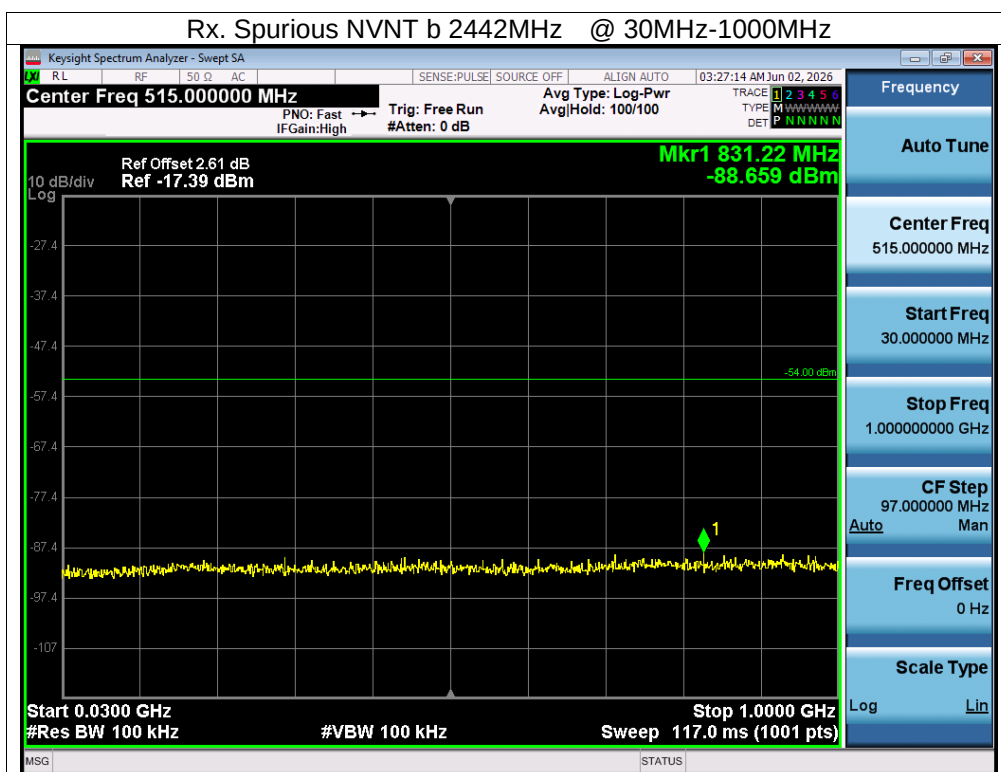
Temperature:	25°C		
Humidity:	55 % RH	Test Voltage	DC 7.6V

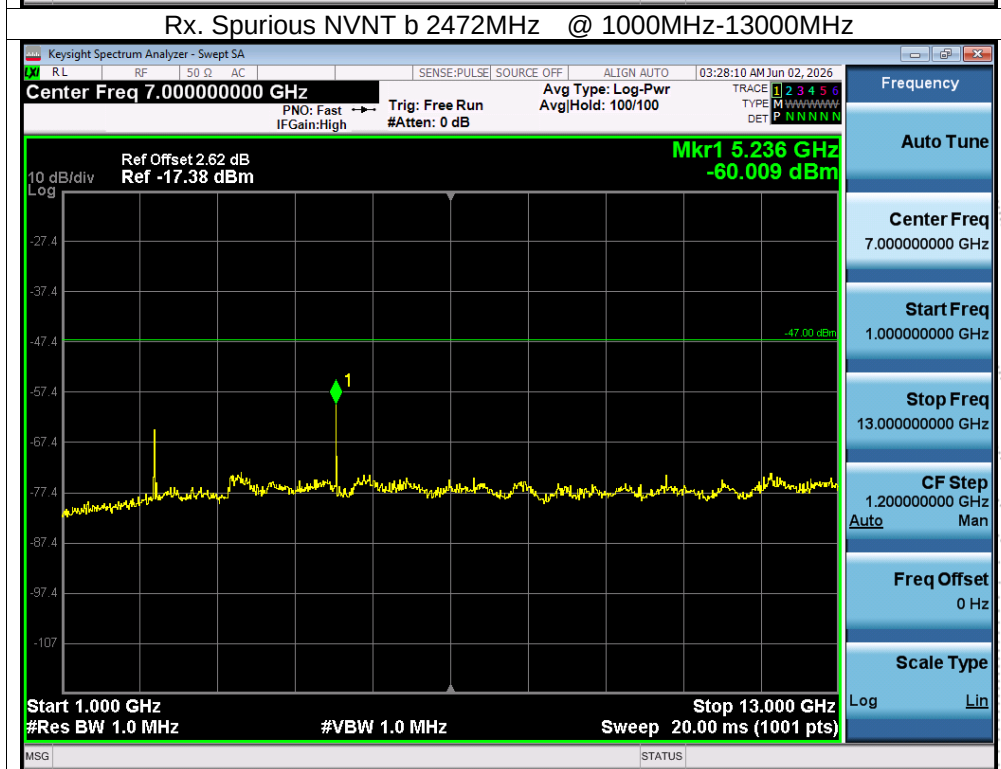
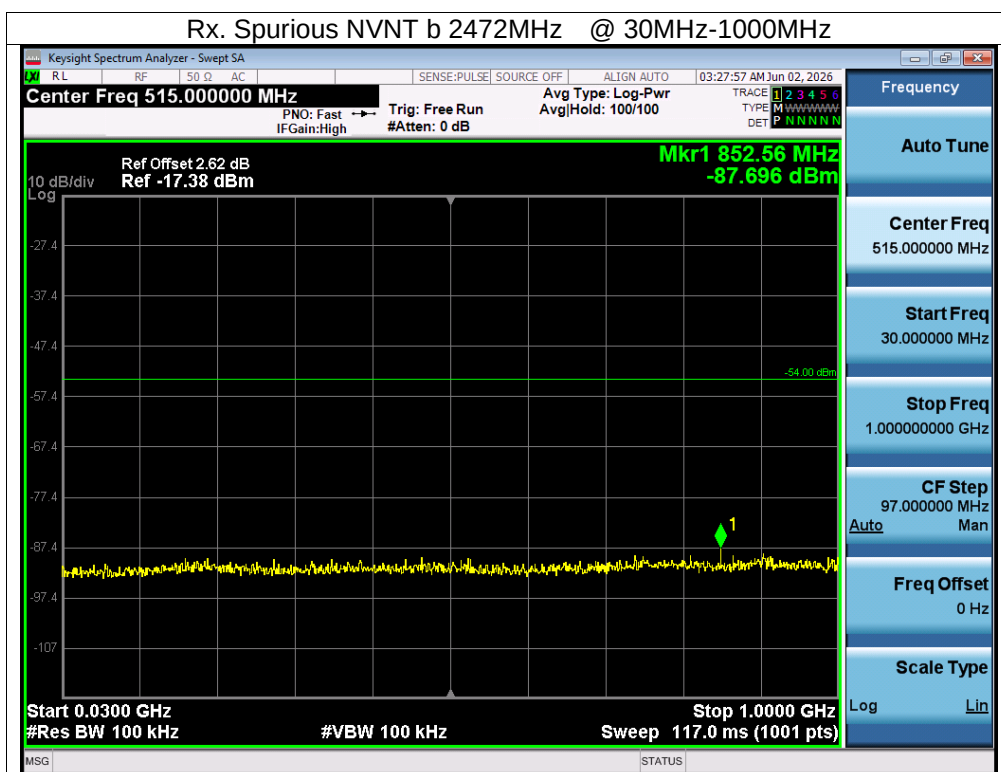
Condition	Mode	Frequency (MHz)	Range (MHz)	Emission Frequency (MHz)	Max Value (dBm)	Limit (dBm)	Verdict
NVNT	b	2412	30-1000	897.18	-89.03	-54	Pass
NVNT	b	2412	1000-13000	5248	-64.71	-47	Pass
NVNT	b	2442	30-1000	985.45	-88.29	-54	Pass
NVNT	b	2442	1000-13000	2428	-71.33	-47	Pass
NVNT	b	2472	30-1000	951.5	-88.6	-54	Pass
NVNT	b	2472	1000-13000	2428	-70.64	-47	Pass
NVNT	n40	2422	30-1000	935.98	-88.75	-54	Pass
NVNT	n40	2422	1000-13000	2428	-68.51	-47	Pass
NVNT	n40	2442	30-1000	445.16	-88.41	-54	Pass
NVNT	n40	2442	1000-13000	2428	-68.94	-47	Pass
NVNT	n40	2462	30-1000	948.59	-88.05	-54	Pass
NVNT	n40	2462	1000-13000	2428	-70.33	-47	Pass

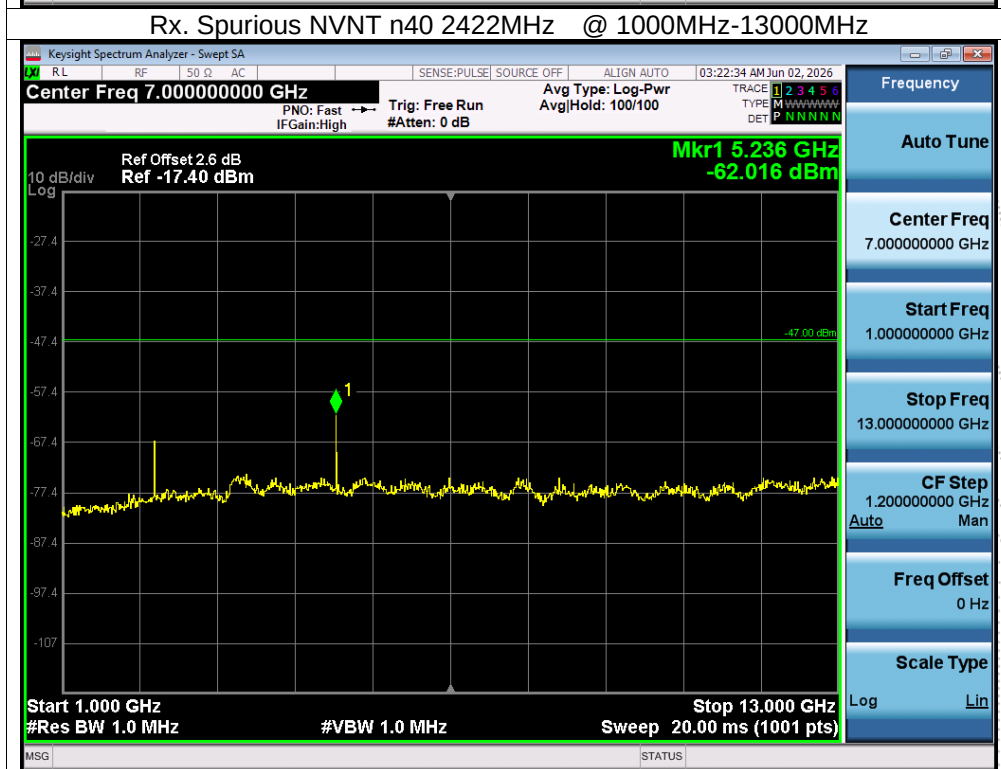
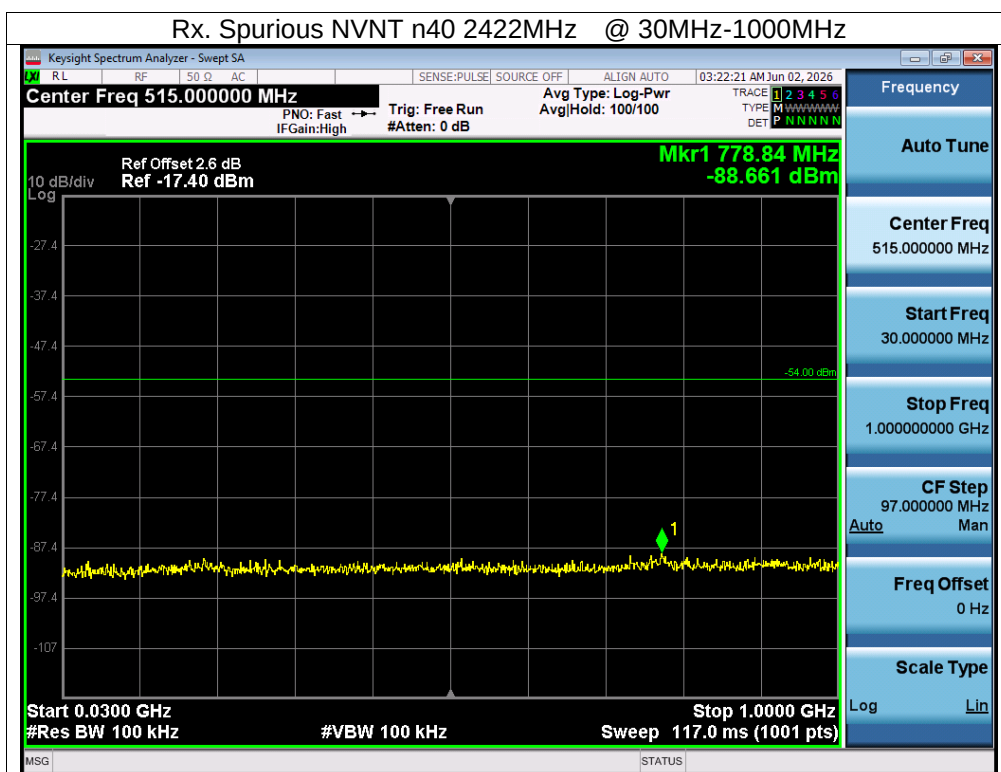
All the modes were tested and only recorded the worst mode in the report.

The worst test channel of all channels was showed as the follow: only shown Antenna A Plot.

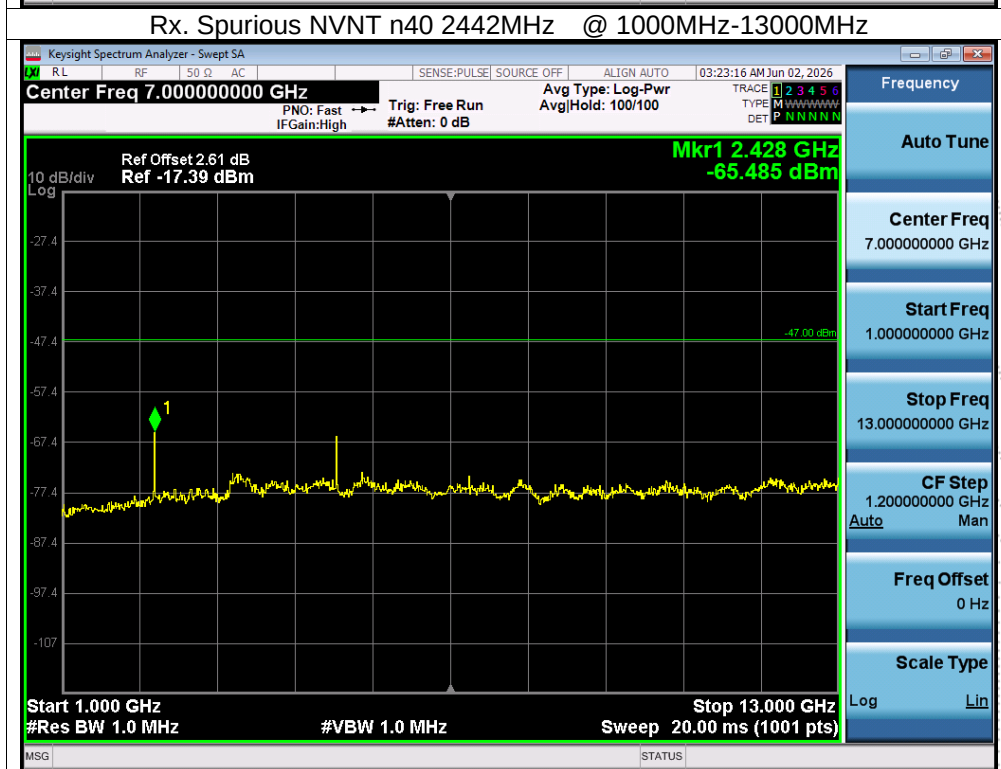
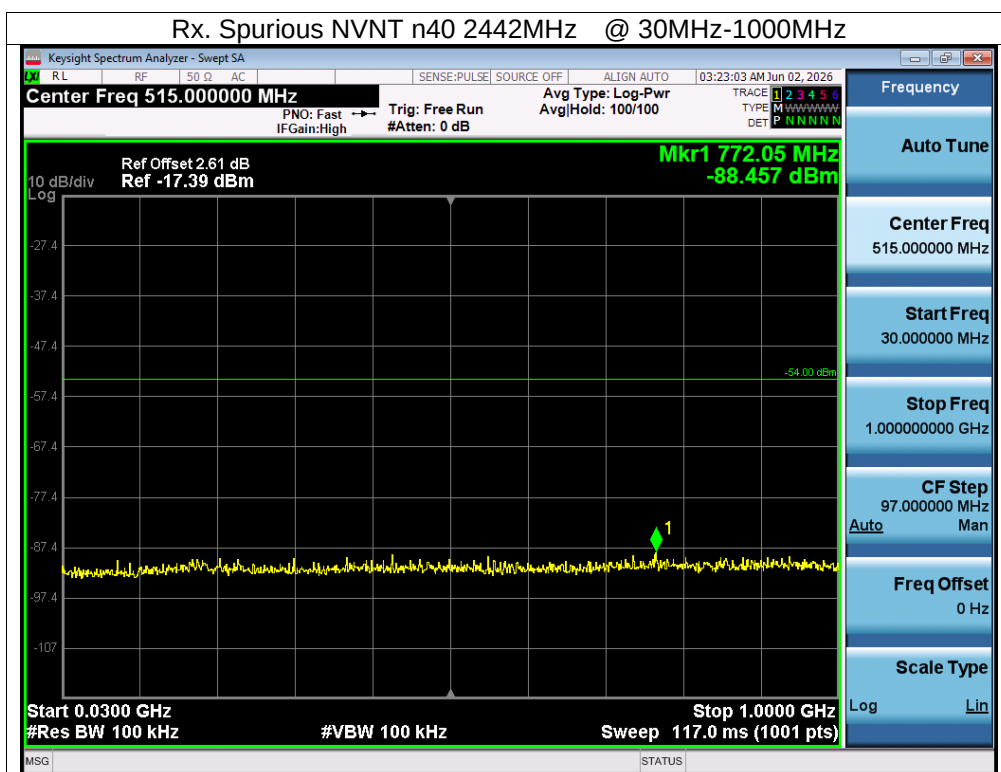


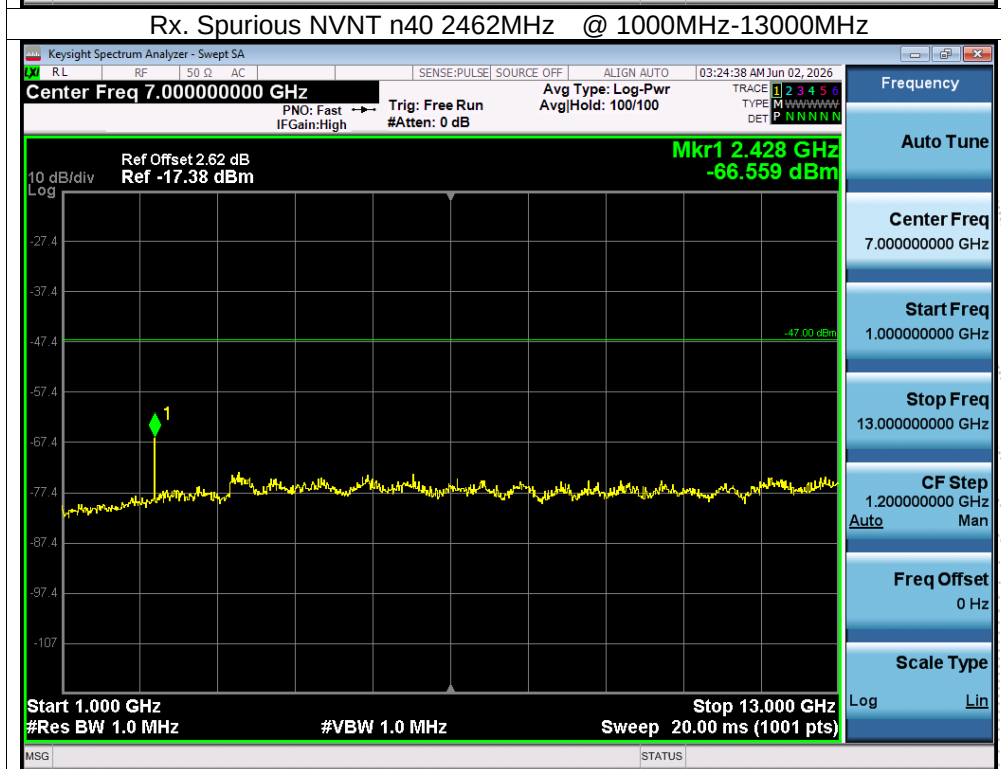
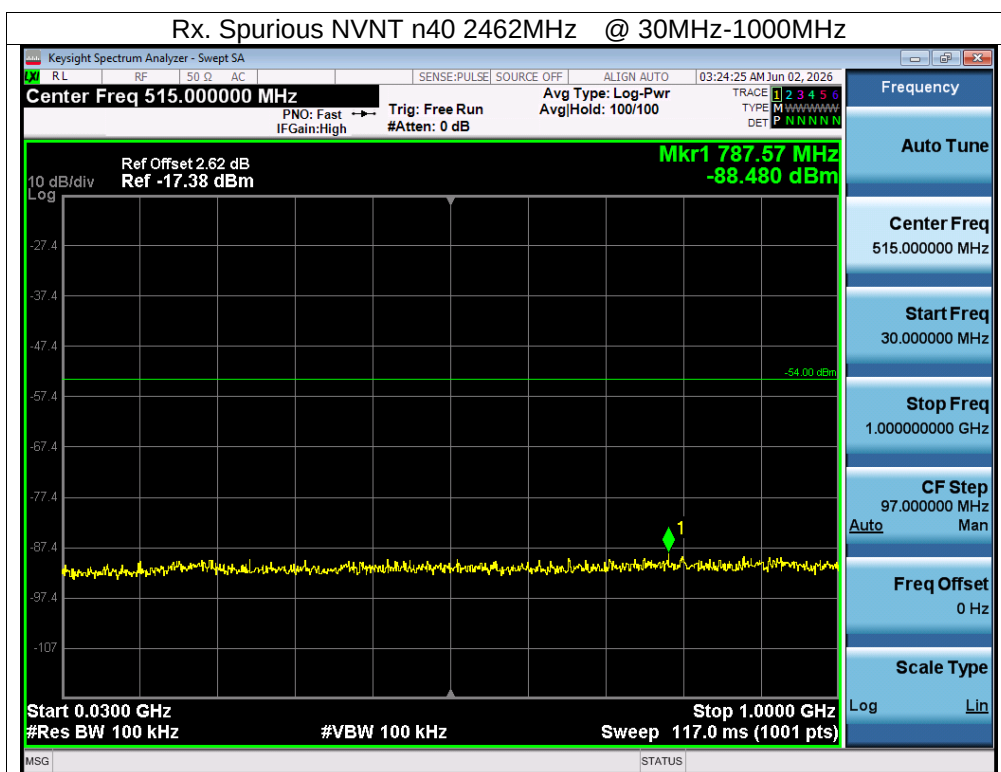






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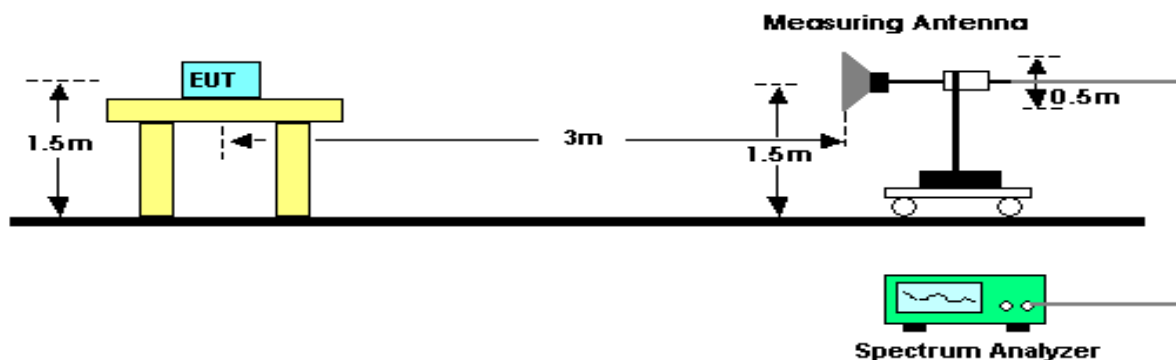




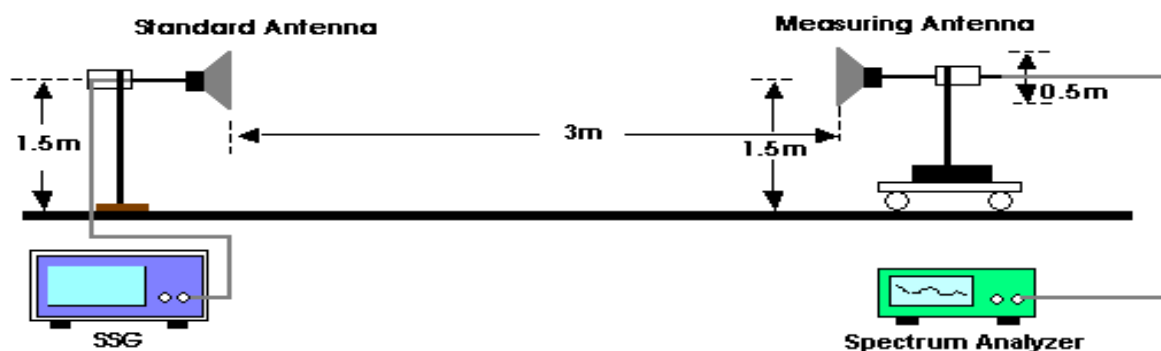
12. Transmission Antenna Gain (EIRP Antenna Power) Measurement

12.1 Block Diagram Of Test Setup

For EUT radiation measurement



For standard antenna measurement



12.2 Limit

Modulation	Frequency band	Antenna power	Max EIRP	
			Non-directional	Beam directional ^{Note1}
DS	2,400-2,483.5MHz	10mW/MHz	12.14dBm/MHz	22.14dBm/MHz
OFDM1	2,400-2,483.5MHz	10mW/MHz	12.14dBm/MHz	22.14dBm/MHz
OFDM2	2,400-2,483.5MHz	5mW/MHz	9.14dBm/MHz	19.14dBm/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: OFDM 1 in the modulation method column indicates that the occupied frequency band width is 26 MHz or less, and OFDM 2 indicates the occupied frequency bandwidth exceeding 26 MHz and 38 MHz or less.

12.3 Measuring Instruments And Setting

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

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

12.4 Test Procedure

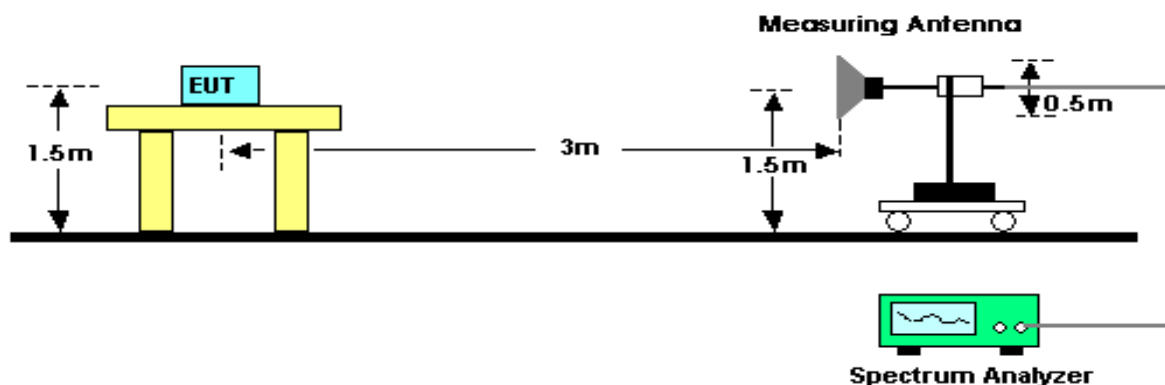
1. Set EUT and measuring antenna at the same height and roughly facing each other.
2. Move the measuring antenna height up and down within $\pm 50\text{cm}$ of EUT height and swing it to find the maximum output of the measuring antenna. The output level at the spectrum analyzer is read as "E".
3. Remove the EUT from the turn table and put the replacing antenna facing to measuring antenna at same height. Set the standard signal generator (SSG) at same frequency and transmit on then receive the signal
4. Swing the replacing antenna give a maximum receiving level.
5. Move the measuring antenna height up and down within $\pm 50\text{cm}$ of replacing antenna height and swing it to find the maximum receiving level.
6. Set SSG output power at Pt to give the equivalent output level of "E" or calculate Pt with SSG output which gives the nearest of "E" and difference ($\pm 1\text{dB}$). Record the Pt.
7. Calculate EIRP by the formula below $\text{EIRP} = \text{Gt} - \text{L} + \text{Pt}$.
Gt: gain of replacing antenna (dBi)
L: feeder loss between SSG and replacing antenna
Pt: Output power of the SSG
8. If the antenna for the EUT has circular polarization, sum of V-field and H-field will be result if measuring antenna is linear polarization.

12.5 Test Result

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

13. Transmission Radiation Angle Width (3db Beamwidth) Measurement

13.1 Block Diagram Of Test Setup



13.2 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 ₁ : $A = \text{E.I.R.P.} / (2.14\text{dBi} + \text{"Antenna Power (limit)" of each modulation method (*3mW/MHz, 10mW/MHz, etc.)})$ Note ₂ : 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	

13.3 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

13.4 Test Procedure

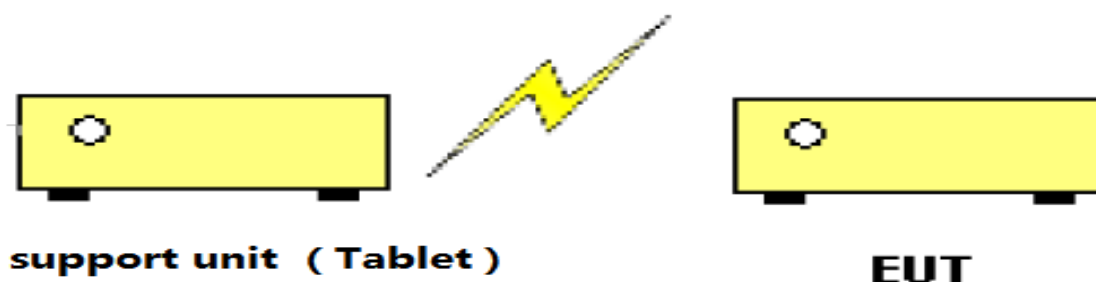
1. Set EUT and measuring antenna at the same height and roughly facing each other.
 2. Set spectrum analyzer with condition in section 4.7.2 and tune reference level to observe receiving signal position.
 3. Rotate directions of the EUT horizontally and vertically to find the maximum receiving power.
 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
 $A = \{\text{EIRP Power [mW]} / 4.9 \text{ for FH}\}$

13.5 Test Result

N/A

14. Radio Interference Prevention Capability Measurement

14.1 Block Diagram Of Test Setup



14.2 Limit

Item	Limits
Identification code	≥ 48 bits

14.3 Measuring Instruments And Setting

Item	Limits
MAC IP List	MAC Scan

14.4 Test Procedure

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.

14.5 Test Result

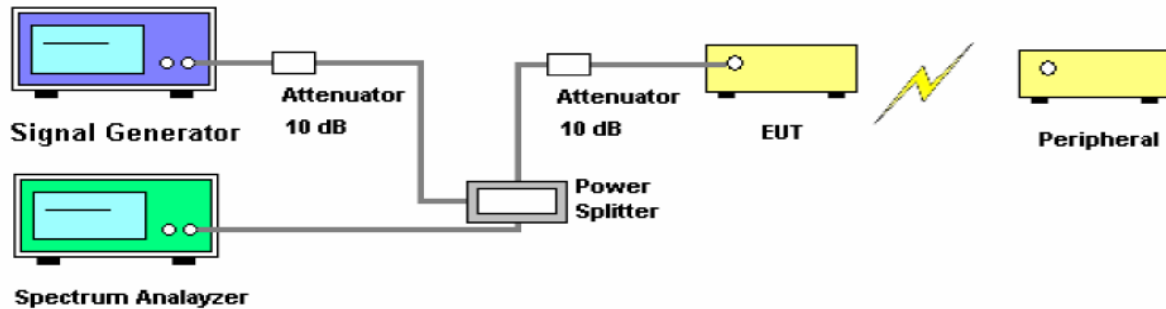
Test result:	CONFORM
--------------	---------

MAC: 4c:8e:6f:01:14:08

Test Result: Pass

15. Carrier Sense Capability Measurement

15.1 Block Diagram Of Test Setup



15.2 Limit

EUT stop RF transmission signal after carrier inject to EUT

15.3 Test Procedure

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

15.4 Test Result

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

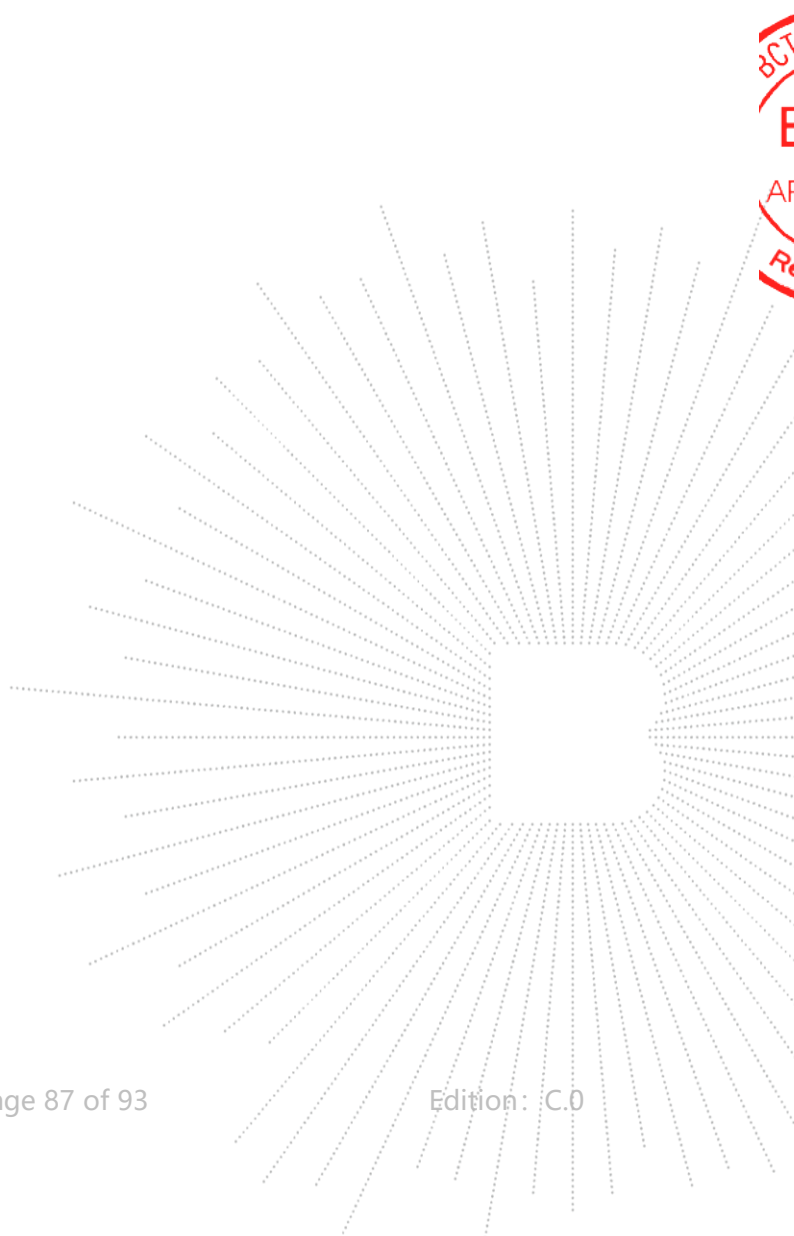
Note: For this test just evaluate the mode which bandwidth $\geq$ 26MHz.

$P_{in}=22.79+G-20*\log(freq_MHz)[dBm]$

Limit: 100mw/m eirp

Confirmed at -44dBm

Result: OK



16. Duty Cycle Of Test Signal

16.1 Standard Requirement

Pre-analysis Check: While conducting average power measurement, duty cycle of each mode shall be checked to ensure its duty cycle in order to compensate for the loss due to insufficient ratio of duty cycle. All duty cycle is pre-scanned, and result as obtained below shows only the most representative ones where duty cycle is conducted as the given transmission with given virtual operation that expresses the percentage

16.2 Formula

Duty Cycle = $T_{on} / (T_{on} + T_{off})$

16.3 Test Procedure

1. Set span = Zero
2. RBW = 8MHz
3. VBW = 8MHz,
4. Detector = Peak

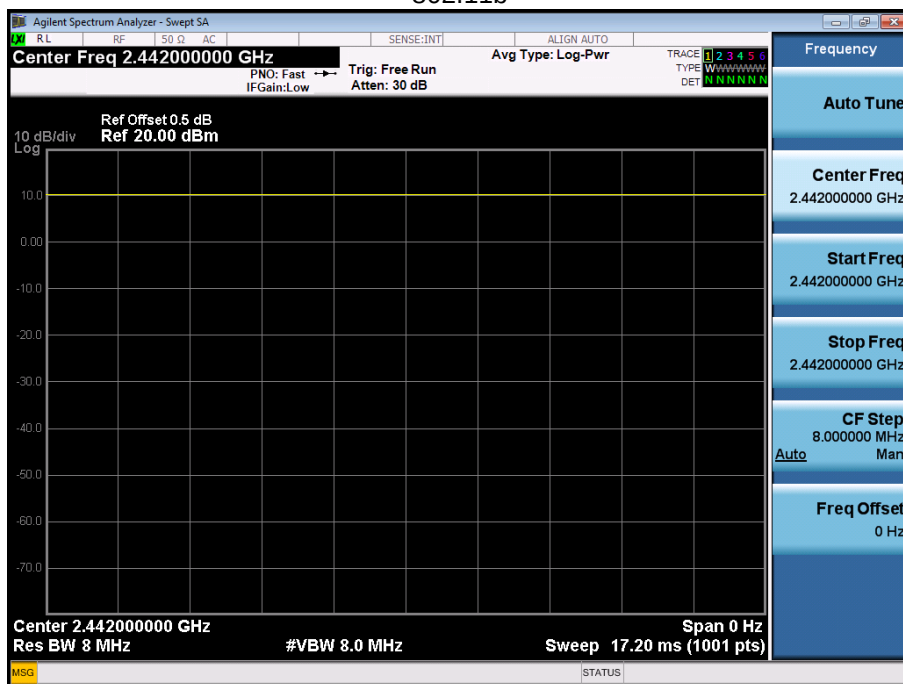
16.4 Test Result

Antenna A & B:

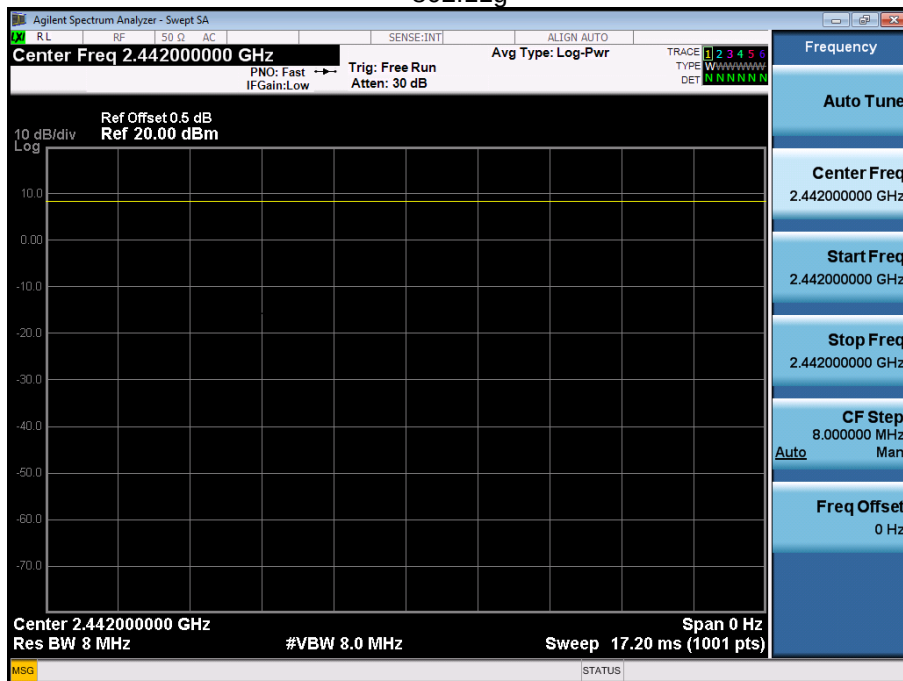
Temperature:	25°C		
Humidity:	55 % RH	Test Voltage	DC 7.6V

	Duty Cycle	Duty Fator (dB)
802.11b	1	0
802.11g	1	0
802.11n(HT20)	1	0
802.11n(HT40)	1	0

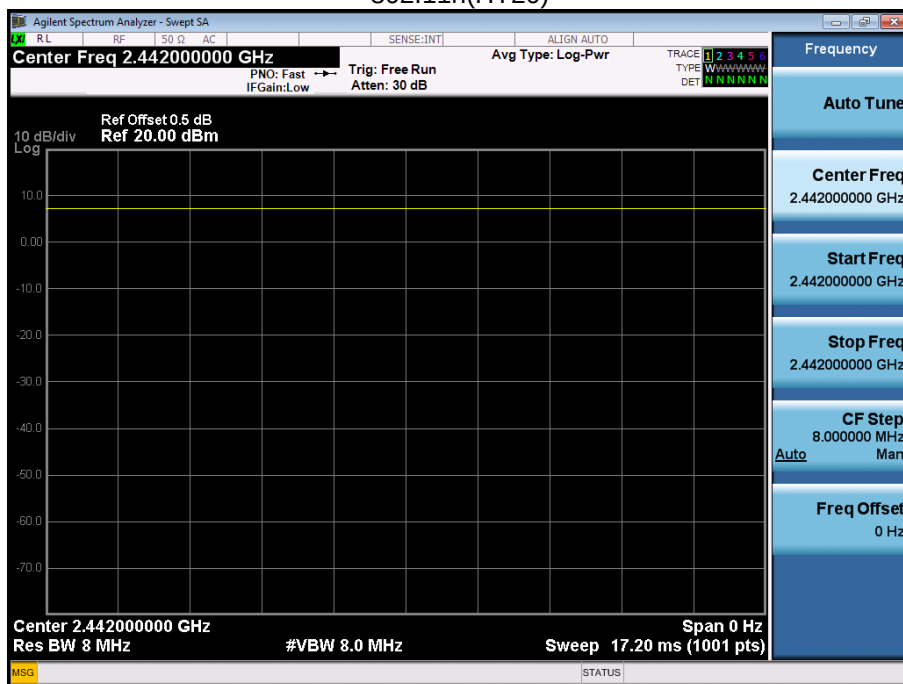
802.11b



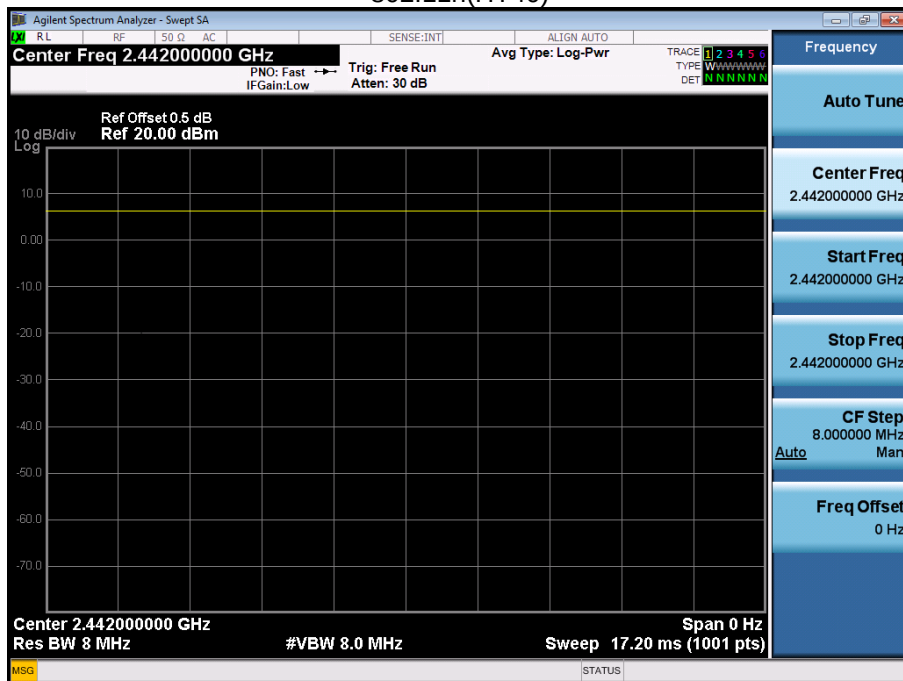
802.11g



802.11n(HT20)



802.11n(HT40)

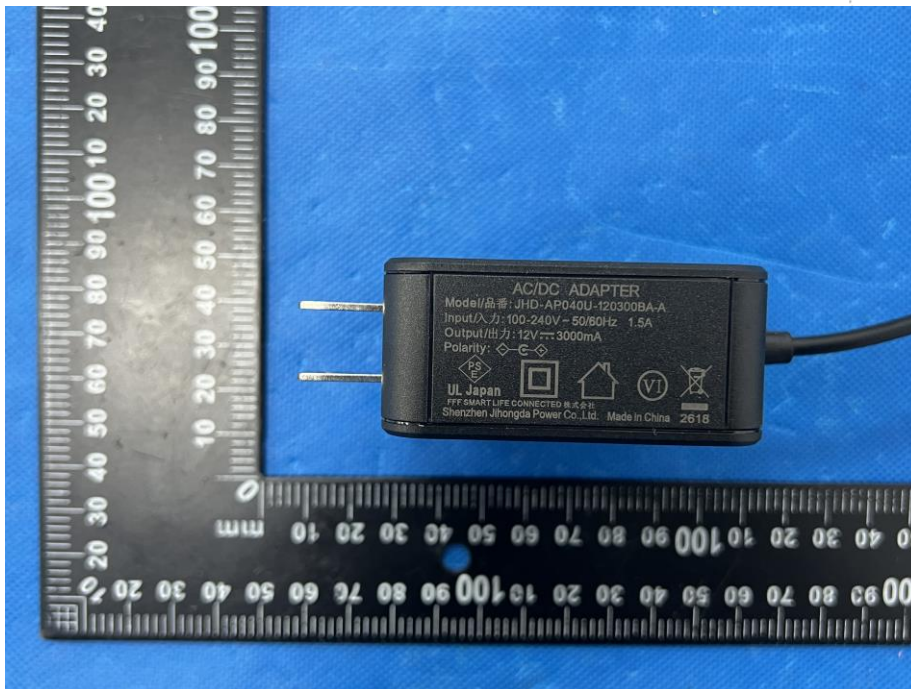


17. EUT Photographs

EUT Photo 1



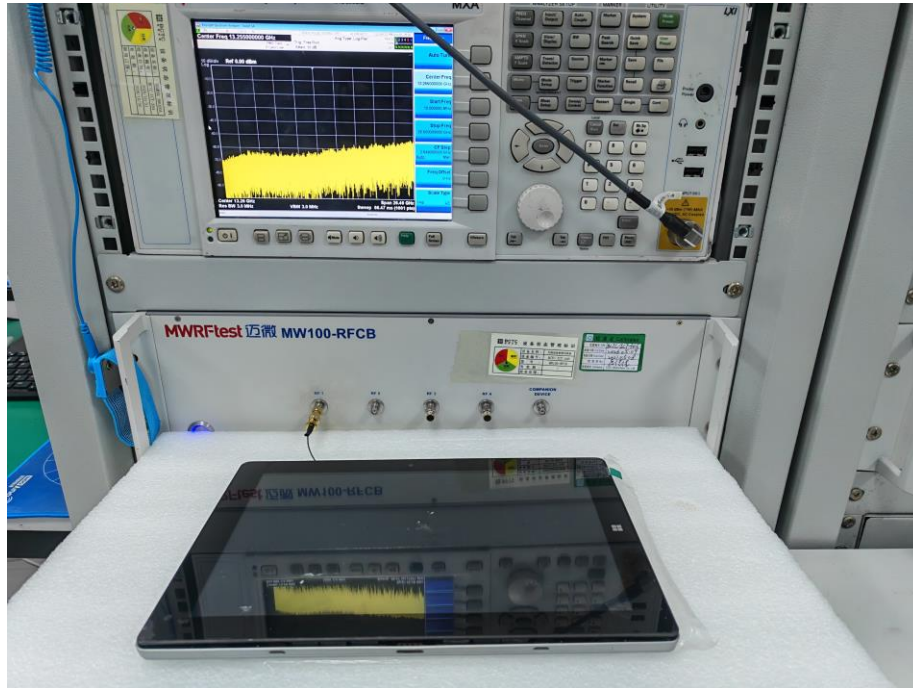
EUT Photo 2



NOTE: Appendix-Photographs Of EUT Constructional Details.

18. EUT Test Setup Photographs

Measurement Photos



STATEMENT

1. The equipment lists are traceable to the national reference standards.
2. The test report can not be partially copied unless prior written approval is issued from our lab.
3. The test report is invalid without the "special seal for inspection and testing".
4. The test report is invalid without the signature of the approver.
5. The test process and test result is only related to the Unit Under Test.
6. Sample information is provided by the client and the laboratory is not responsible for its authenticity.
7. The quality system of our laboratory is in accordance with ISO/IEC17025.
8. If there is any objection to this test report, the client should inform issuing laboratory within 15 days from the date of receiving test report.

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***** END *****