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EcoFlow Inc.

TEST REPORT

SCOPE OF WORK
FCC TESTING– EF-GC-H-55, EF-GC-H-35, EF-GC-H-45

REPORT NUMBER
250307026SZN-003

ISSUE DATE **[REVISED DATE]**

25 April 2025 [----------]

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TEST REPORT

Intertek Report No.: 250307026SZN-003

EcoFlow Inc.

Application
For
Certification

FCC ID: 2A2P9-RF403

Portable Fridge

Model: EF-GC-H-55, EF-GC-H-35, EF-GC-H-45

Brand Name: EF ECOFLOW, ECOFLOW

2.4GHz Wi-Fi Transceiver

Report No.: 250307026SZN-003

We hereby certify that the sample of the above item is considered to comply with the requirements of FCC Part 15, Subpart C for Intentional Radiator, mention 47 CFR [10-1-23]

Prepared and Checked by:

Robin Zhou
Senior Project Engineer

Approved by:

Johnny Wang
Project Engineer
Date: 25 April 2025

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MEASUREMENT/TECHNICAL REPORT

This report concerns (check one) Original Grant ___X___ Class II Change _____

Equipment Type: DTS - Part 15 Digital Transmission Systems (Wi-Fi transmitter portion)

Deferred grant requested per 47 CFR 0.457(d)(1)(ii)? Yes _____ No ___X___

If yes, defer until: _____
date

Company Name agrees to notify the Commission by: _____
date

of the intended date of announcement of the product so that the grant can be issued on that date.

Transition Rules Request per 15.37? Yes _____ No ___X___

If no, assumed Part 15, Subpart C for intentional radiator - the new 47 CFR [10-01-23] Edition] provision.

Report prepared by:

Robin Zhou
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1.0 Summary of Test results

Applicant: EcoFlow Inc.
Applicant Address: RM 401,Plant #1,Runheng Industrial Zone, Fuhai Street,Bao'an District, Shenzhen 518000, China
Manufacturer: EcoFlow Inc.
Manufacturer Address: RM 401,Plant #1,Runheng Industrial Zone, Fuhai Street,Bao'an District, Shenzhen 518000, China

Model: EF-GC-H-55, EF-GC-H-45, EF-GC-H-35
FCC ID: 2A2P9-RF403

TEST ITEM	REFERENCE	RESULTS
Max. Output power	15.247(b)(3)	Pass
6 dB Bandwidth	15.247(a)(2)	Pass
Max. Power Density	15.247(e)	Pass
Out of Band Antenna Conducted Emission	15.247(d)	Pass
Radiated Emission in Restricted Bands	15.247(d), 15.209, FCC 15.205	Pass
AC Conducted Emission	15.207	Pass
Antenna Requirement	15.203	Pass (See Notes)

Notes: The EUT uses an Integral Antenna which in accordance to Section 15.203 is considered sufficient to comply with the provisions of this section.

2.0 General Description

2.1 Product Description

The Equipment Under Test (EUT) is a Portable Fridge, EF-GC-H-55, EF-GC-H-45, EF-GC-H-35 with Wi-Fi function operating at 2412-2462MHz for 802.11b/g/n-HT20/ax-VHT20, 11 channels with 5MHz channel spacing and 2422-2452MHz for 802.11n-HT40, 7 channels with 5MHz channel spacing. The EUT is powered by DC 21.6 V from battery or DC 14.5V from adapter or DC 12V, DC 24V from Car charger and DC 11-30V from Solar input. For more detail information pls. refer to the user manual.

Ratings:

Solar Input: DC 11-30V, 8A Max, 110W Max,
Car Input: DC 12 or DC 24V, 8A Max, 100W Max,
Lithium-ion battery: DC 21.6V, 13.8Ah, 298.08Wh

Type of Modulation: BPSK, QPSK, 16QAM, 64QAM for OFDM; BPSK, QPSK, 16QAM, 64QAM, 256QAM, 1024QAM for OFDMA; CCK, DQPSK, DBPSK for DSSS.
Antenna Type: PCB antenna
Antenna Gain: 6.63dBi (This information is provided by applicant, and the applicant is responsible for the authenticity of the provided information.)

The Model: EF-GC-H-35, EF-GC-H-45 are the same as the Model: EF-GC-H-55 in hardware aspect. The difference in model number, capacity, size, weight, temperature zone and lamp board serve as marketing strategy. After the evaluation, the model EF-GC-H-55 has been evaluated for all tests, the models EF-GC-H-45 and EF-GC-H- 35 have only been evaluated for conducted emission and radiated emission (30MHz to 1GHz) tests. For details see below:

Model number	Capacity	Size	Weight	Temperature zone	Lamp board
EF-GC-H-35	35L	706×400×405 mm	20.46kg	Single temperature zone and single control	Single lamp board
EF-GC-H-45	45L	706×400×480 mm	23.165kg	Dual temperature zone and dual control	Dual lamp board
EF-GC-H-55	55L	706×466×480 mm	25.21kg	Dual temperature zone and dual control	Dual lamp board

For electronic filing, the brief circuit description is saved with filename: descri.pdf.

2.2 Related Submittal(s) Grants

This is an application for certification of:
DTS- Part 15 Digital Transmission Systems (2.4GHz Wi-Fi transmitter portion).
Remaining portions are subject to the following procedures:

1. Receiver portion of Wi-Fi: exempt from technical requirement of this Part.
2. Other Digital Function: Subject to FCC Part 15B SDOC.

2.3 Test Methodology

Both AC mains line-conducted and radiated emission measurements were performed according to the procedures in ANSI C63.10 (2013) and KDB 558074 D01 v05r02. Radiated emission measurement was performed in semi-anechoic chamber and conducted emission measurement was performed in shield room. For radiated emission measurement, preliminary scans were performed in the semi-anechoic chamber only to determine the worst case modes. All radiated tests were performed at an antenna to EUT distance of 3 meters, unless stated otherwise in the "**Justification Section**" of this Application.

2.4 Test Facility

The Semi-anechoic chamber and shielded room used to collect the radiated data and conducted data are **Shenzhen NTEK Testing Technology Co., Ltd.** and located at No. 24 Xinfa East Road Xiangshan Community, Xinqiao St, Baoan District, Shenzhen, Guangdong, China. This test facility and site measurement data have been fully placed on file with the FCC (Registration Number: CN11884).

3.0 System Test Configuration

3.1 Justification

For emissions testing, the equipment under test (EUT) setup to transmit continuously to simplify the measurement methodology.

The EUT was powered by DC 14.5V from adapter input and DC 21.6V from the battery during the test. The radiation emission test was powered by the battery and the conducted emission test was powered by the adapter. Only the worst data is reported in this report.

On 802.11b/g/n-HT20/n-HT40/ax-VHT20 mode, only one antenna is used, and all data rate were tested and only the worst case data is shown in the report.

For maximizing emissions, the EUT was rotated through 360°, the EUT was placed on the styrene turntable with 0.8m up to 1GHz and 1.5 m above 1GHz. The antenna height and polarization are varied during the search for maximum signal level. The antenna height is varied from 1 to 4 meters. Radiated emissions are taken at three meters unless the signal level is too low for measurement at that distance. If necessary, a pre-amplifier is used and/or the test is conducted at a closer distance.

All readings are extrapolated back to the equivalent three meter reading using inverse scaling with distance. Analyzer resolution is 100 kHz or greater for frequencies below 1000 MHz. The resolution is 1 MHz or greater for frequencies above 1000 MHz. The spurious emissions more than 20 dB below the permissible value are not reported.

The EUT and transmitting antenna was centered on the turntable.

Radiated emission measurement were performed the lowest radio frequency signal generated in the device which is greater than 9 kHz to the tenth harmonic of the highest fundamental frequency or to 40 GHz, whichever is lower.

3.2 EUT Exercising Software

The EUT exercise program (provided by client) used during radiated and conducted testing was designed to exercise the various system components in a manner similar to a typical use. The worst case configuration is used in all specified testing.

The fixed frequency software uses ESP32, version v3.6.

The parameters of test software setting:
During the test, Channel and power controlling software provided by the applicant 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 application and is going to be fixed on the firmware of the end product.

3.3 Special Accessories

N/A.

3.4 Measurement Uncertainty

When determining of the test conclusion, the Measurement Uncertainty of test has been considered.

3.5 Equipment Modification

Any modifications installed previous to testing by EcoFlow Inc. will be incorporated in each production model sold / leased in the United States.

No modifications were installed by Shenzhen NTEK Testing Technology Co., Ltd.

3.6 Support Equipment List and Description

Description	Manufacturer	Remark
Adapter	FOSHAN SHUNDE GUANYUDA POWER SUPPLY CO.,LTD	Model: GM95-145600-D Input: 100-240V- 50-60Hz 2.5A Max Output: 14.5V⎓6.0A 87.0W
Car charger	FOSHAN SHUNDE GUAN YUDA POWER SUPPLY C	DC 12/24V
Battery	EcoFlow Inc.	DC 21.6V, 13.8Ah, 298.08Wh

Applicant: EcoFlow Inc.
Date of Test: 26 March 2025 Worst Case Model: EF-GC-H-55

4.0 Measurement Results

4.1 Maximum Conducted Output Power at Antenna Terminals, FCC Rules 15.247(b)(3):

The antenna power of the EUT was connected to the input of a broadband peak RF power meter. The power meter has a video bandwidth that is greater than DTS bandwidth and utilize a fast-responding diode detector. Power was read directly at the EUT antenna terminals with cable loss added.

For antennas with gain greater than or equal to 6 dBi, the maximum allowed transmitter output is 30-(6.63-6)=29.37dBm

IEEE 802.11b (Antenna Gain = 6.63dBi) (CCK, 1Mbps)		
Frequency (MHz)	Output in dBm (Peak Reading)	Output in mWatt
Low Channel: 2412	11.06	12.7644
Middle Channel: 2437	10.87	12.2180
High Channel: 2462	10.68	11.6950

IEEE 802.11g (Antenna Gain = 6.63dBi) (16QAM, 6Mbps)		
Frequency (MHz)	Output in dBm (Peak Reading)	Output in mWatt
Low Channel: 2412	9.78	9.5060
Middle Channel: 2437	9.71	9.3541
High Channel: 2462	9.11	8.1470

IEEE 802.11n-HT20 (Antenna Gain = 6.63dBi) (64QAM, 6Mbps)		
Frequency (MHz)	Output in dBm (Peak Reading)	Output in mWatt
Low Channel: 2412	8.54	7.1450
Middle Channel: 2437	8.29	6.7453
High Channel: 2462	7.83	6.0674

IEEE 802.11n-HT40 (Antenna Gain = 6.63dBi) (64QAM, 13.5Mbps)		
Frequency (MHz)	Output in dBm (Peak Reading)	Output in mWatt
Low Channel: 2422	8.23	6.6527
Middle Channel: 2437	8.02	6.3387
High Channel: 2452	8.1	6.4565

IEEE 802.11ax-VHT20 (Antenna Gain = 6.63dBi) (64QAM, 6Mbps)		
Frequency (MHz)	Output in dBm (Peak Reading)	Output in mWatt
Low Channel: 2412	8.87	7.7090
Middle Channel: 2437	8.6	7.2444
High Channel: 2462	7.61	5.7677

Cable loss: 1.5 dB External Attenuation: 0 dB

Cable loss, external attenuation has been included in OFFSET function

EUT max. output level = 11.06dBm
EUT max. E.I.R.P = 11.06dBm + 6.63dBi = 17.69dBm =58.75mW

For RF Exposure, the information is saved with filename: RF exposure.pdf.

Applicant: EcoFlow Inc.
Date of Test: 26 March 2025 Worst Case Model: EF-GC-H-55

4.2 Minimum 6 dB RF Bandwidth, FCC Rule 15.247(a) (2):

The antenna port of the EUT was connected to the input of a spectrum analyzer. Analyzer RES BW was set to 100 KHz according to FCC KDB 558074 D01 v05r02. For each RF output channel investigated, the spectrum analyzer center frequency was set to the channel carrier. A PEAK output reading was taken, a DISPLAY line was drawn 6 dB lower than PEAK level. The 6dB bandwidth was determined from where the channel output spectrum intersected the display line.

Limit: The 6 dB Bandwidth is at least 500 kHz.

IEEE 802.11b (CCK, 1Mbps)	
Frequency (MHz)	6 dB Bandwidth (MHz)
2412	9.06
2437	9.54
2462	9.642

IEEE 802.11g (16QAM, 6Mbps)	
Frequency (MHz)	6 dB Bandwidth (MHz)
2412	16.287
2437	16.335
2462	16.482

IEEE 802.11n-HT20 (64QAM, 6Mbps)	
Frequency (MHz)	6 dB Bandwidth (MHz)
2412	17.634
2437	16.413
2462	16.029

IEEE 802.11n-HT40 (64QAM, 13.5Mbps)	
Frequency (MHz)	6 dB Bandwidth (MHz)
2422	35.1
2437	33.786
2452	32.31

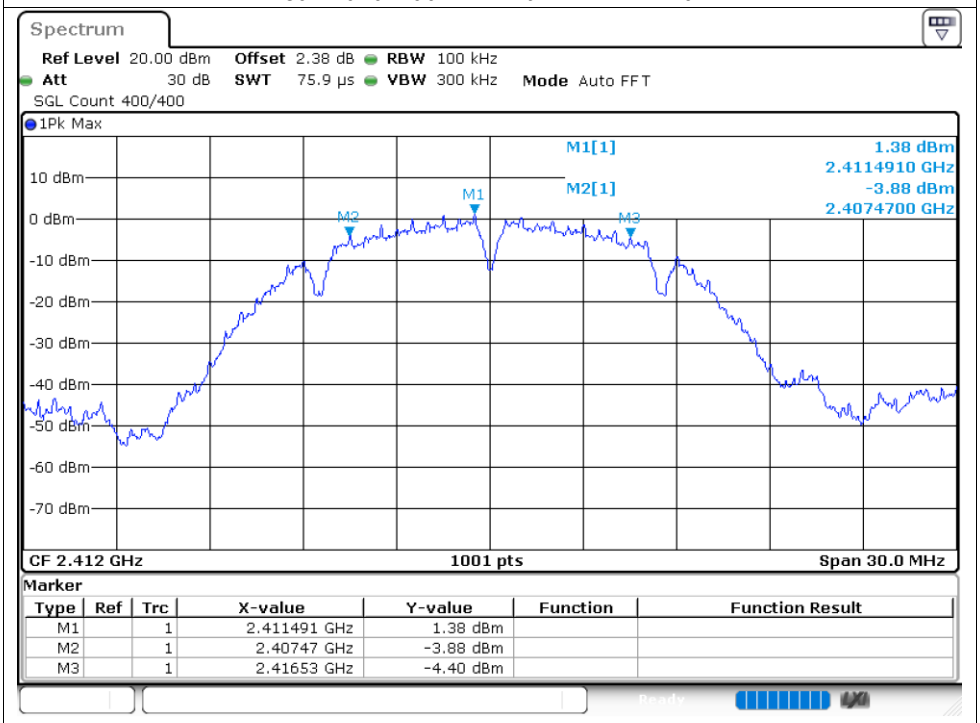
IEEE 802.11ax-VHT20 (64QAM, 6Mbps)	
Frequency (MHz)	6 dB Bandwidth (MHz)
2412	16.65
2437	18.99
2462	18.834

The test plots are attached as below.

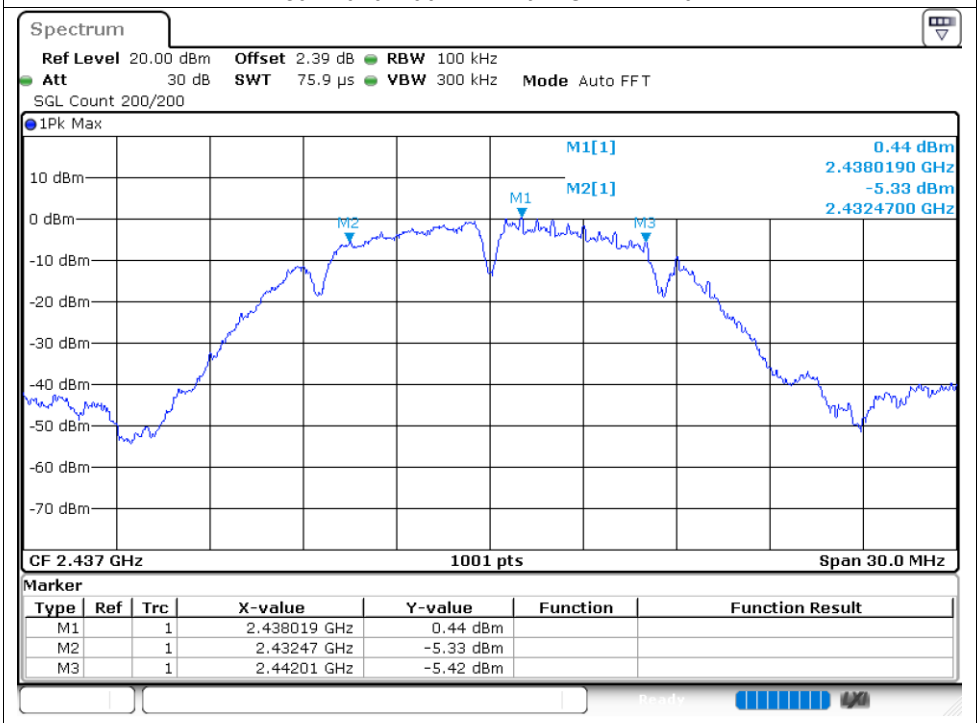
802.11b

Test Graphs

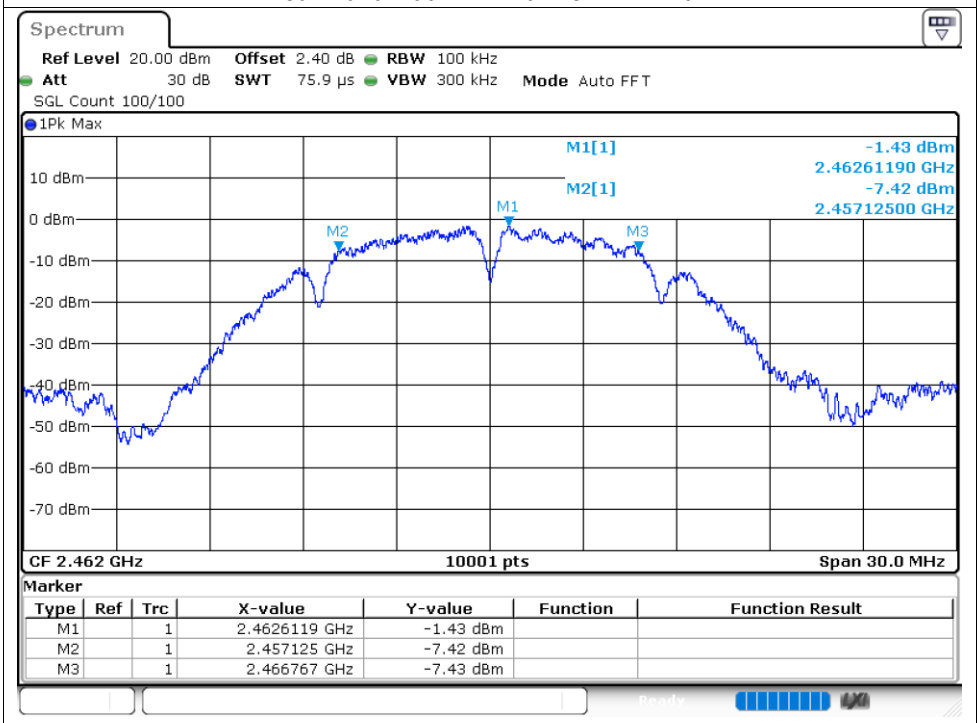
-6dB Bandwidth NVNT b 2412MHz Ant1



-6dB Bandwidth NVNT b 2437MHz Ant1



-6dB Bandwidth NVNT b 2462MHz Ant1

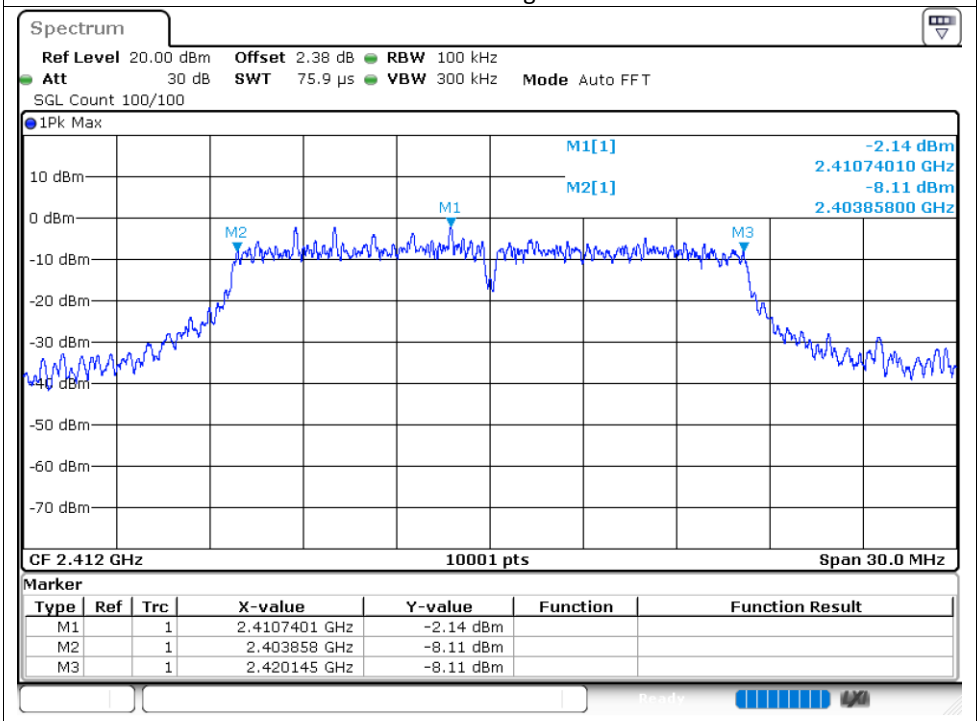


Marker

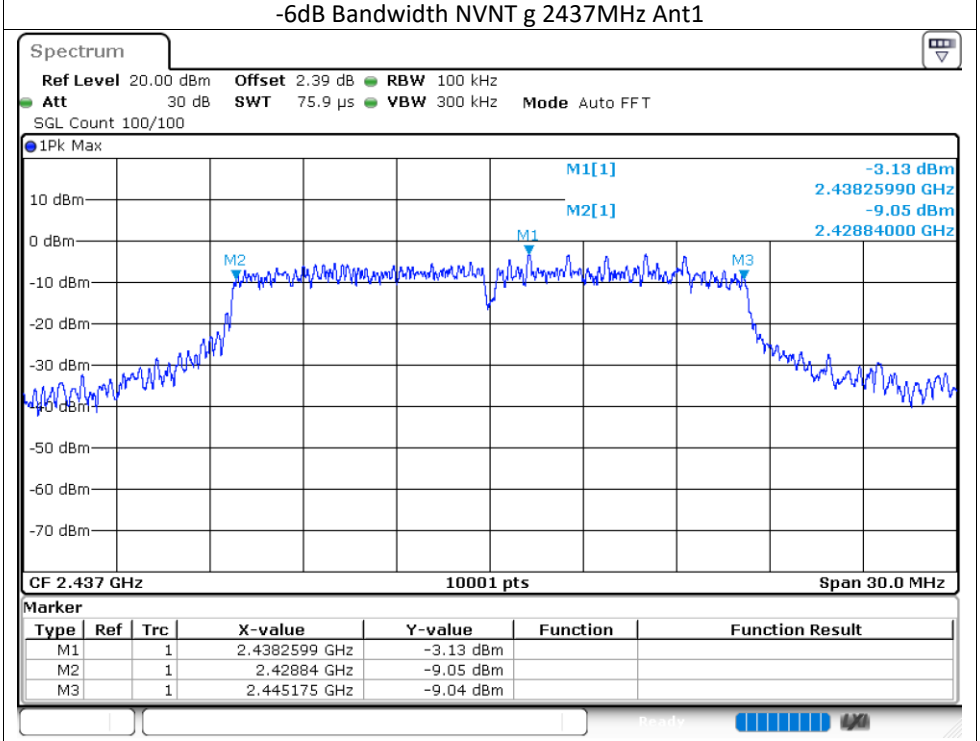
Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.4626119 GHz	-1.43 dBm		
M2		1	2.457125 GHz	-7.42 dBm		
M3		1	2.466767 GHz	-7.43 dBm		

802.11g

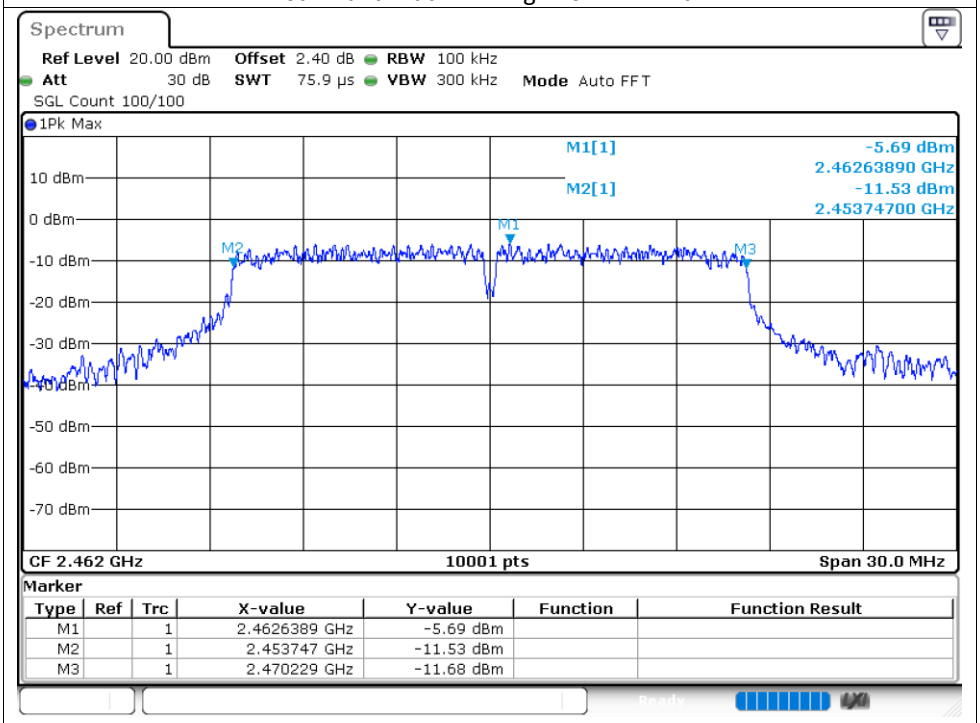
-6dB Bandwidth NVNT g 2412MHz Ant1



-6dB Bandwidth NVNT g 2437MHz Ant1

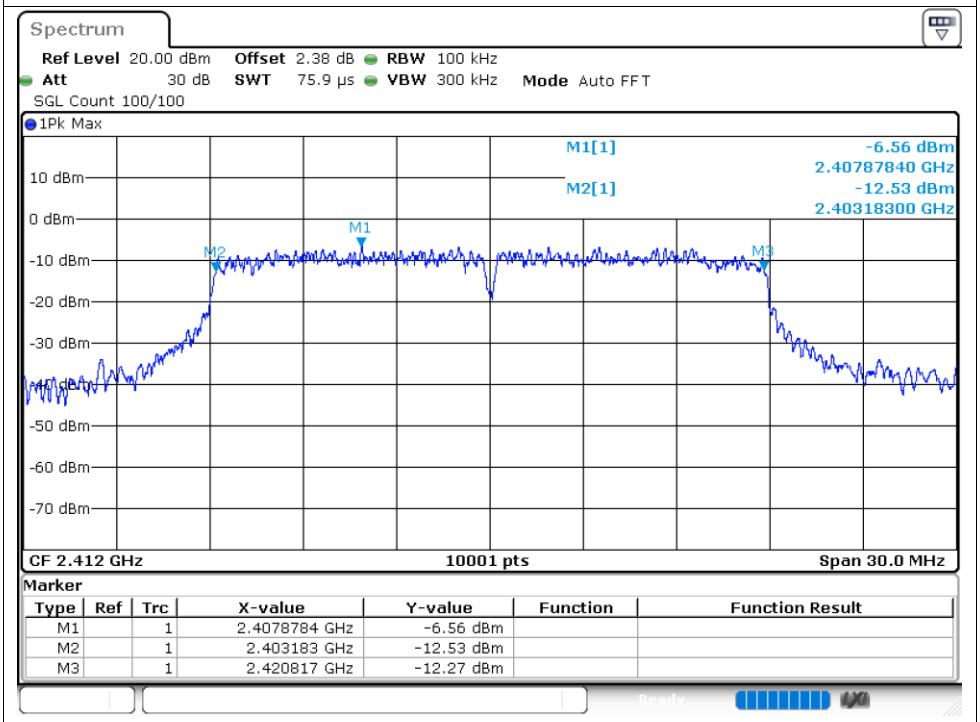


-6dB Bandwidth NVNT g 2462MHz Ant1

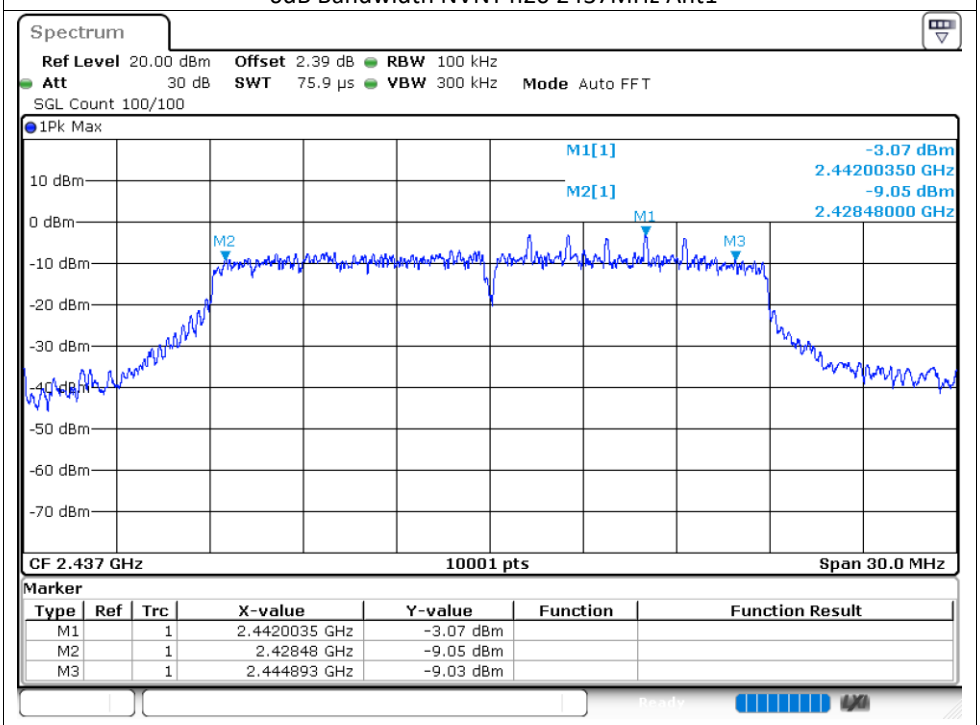


802.11n-HT20

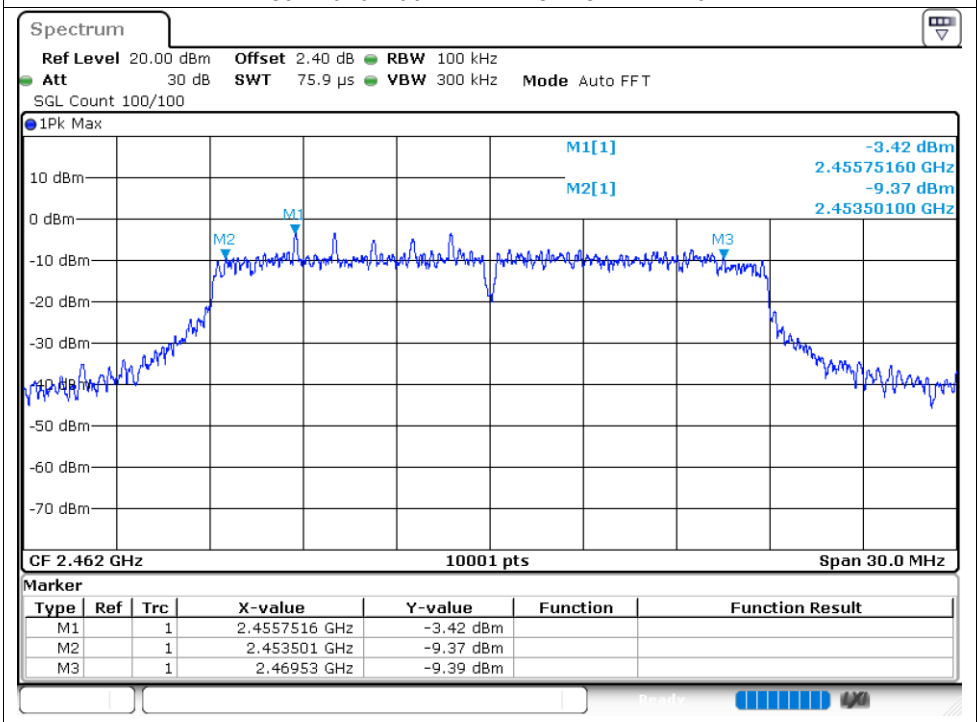
-6dB Bandwidth NVNT n20 2412MHz Ant1



-6dB Bandwidth NVNT n20 2437MHz Ant1

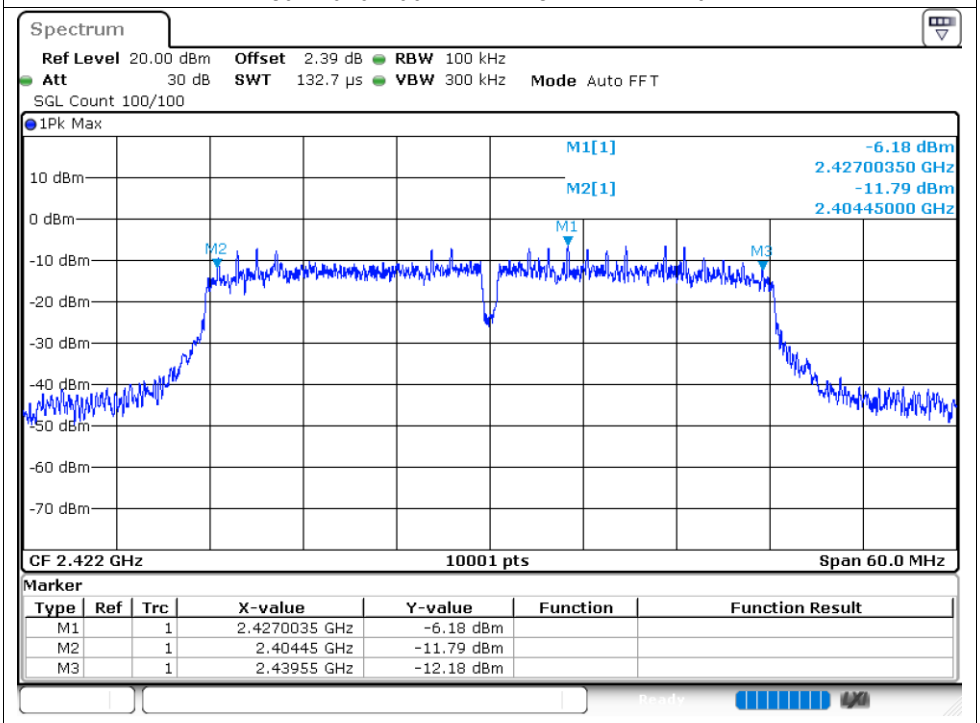


-6dB Bandwidth NVNT n20 2462MHz Ant1

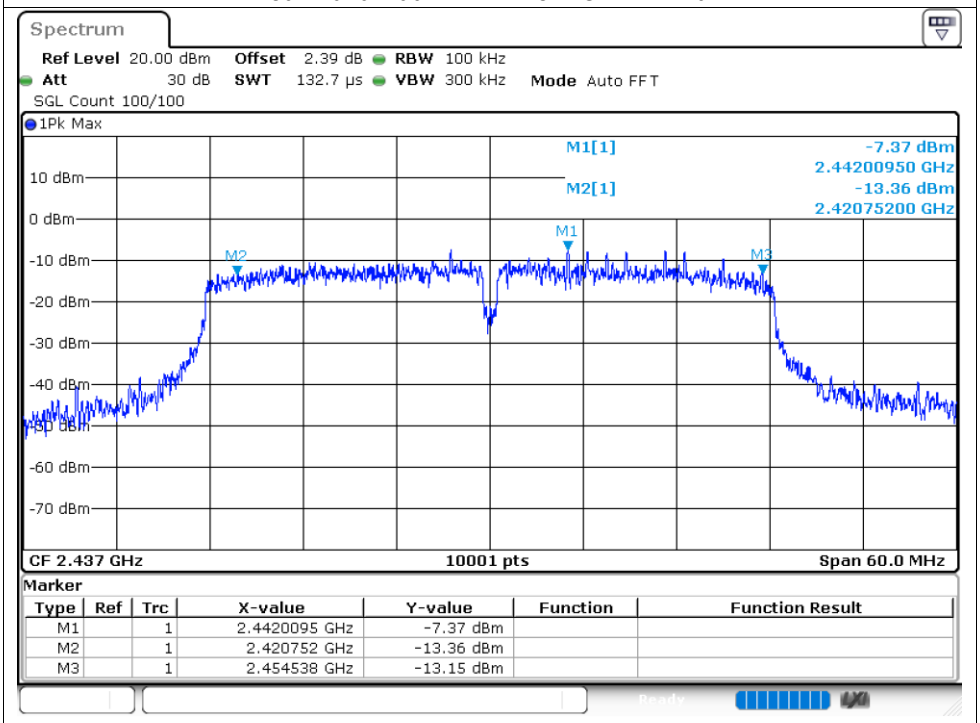


802.11n-HT40

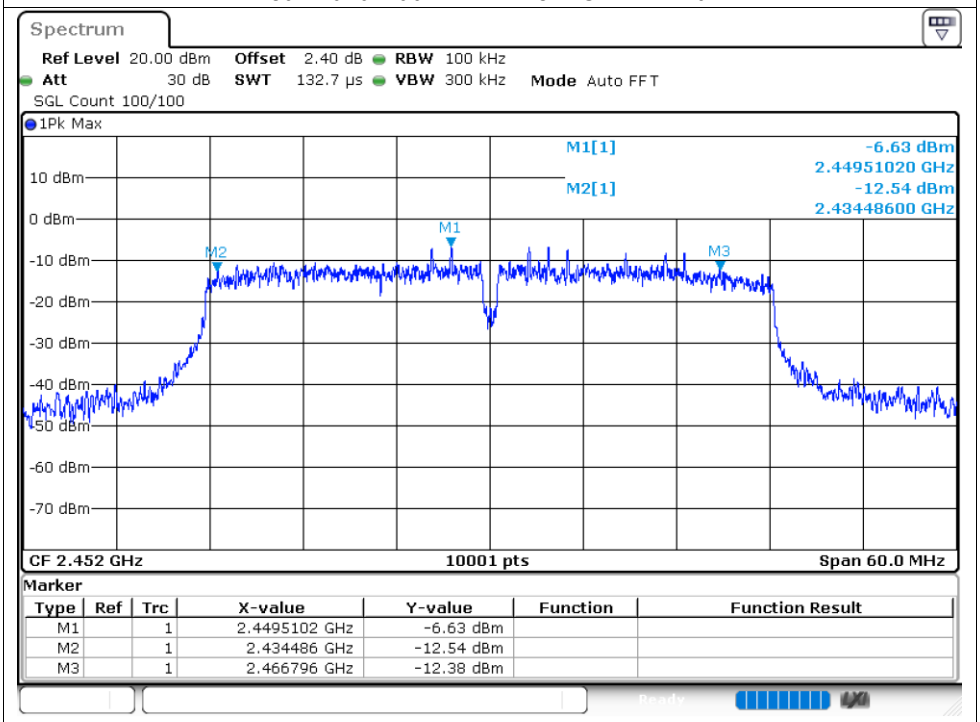
-6dB Bandwidth NVNT n40 2422MHz Ant1



-6dB Bandwidth NVNT n40 2437MHz Ant1



-6dB Bandwidth NVNT n40 2452MHz Ant1

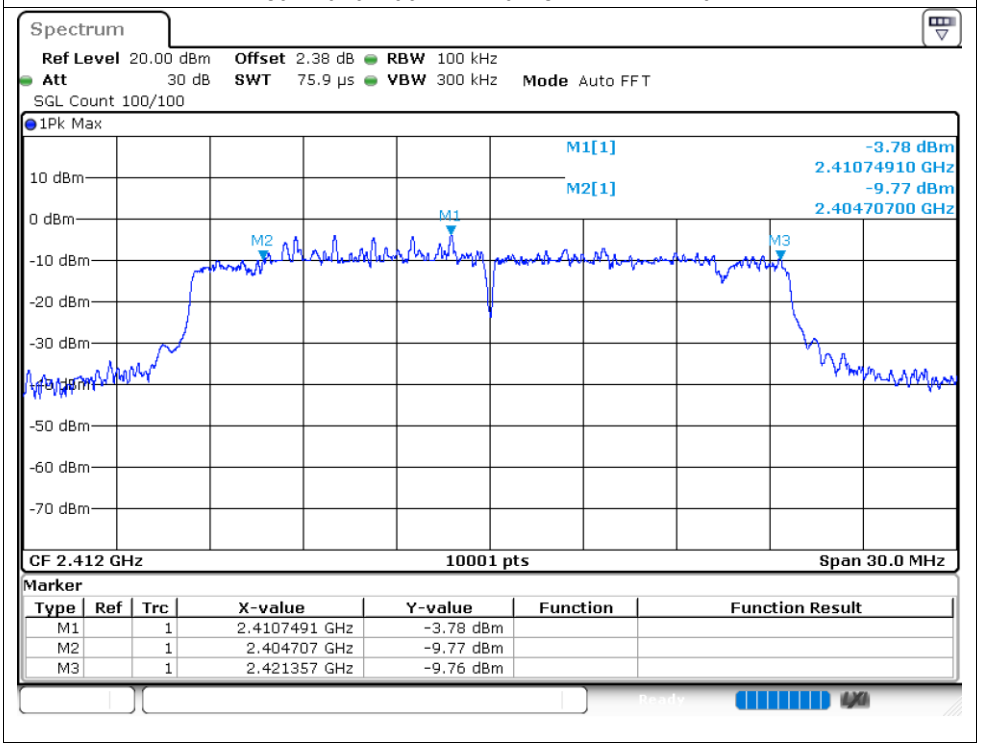


Marker

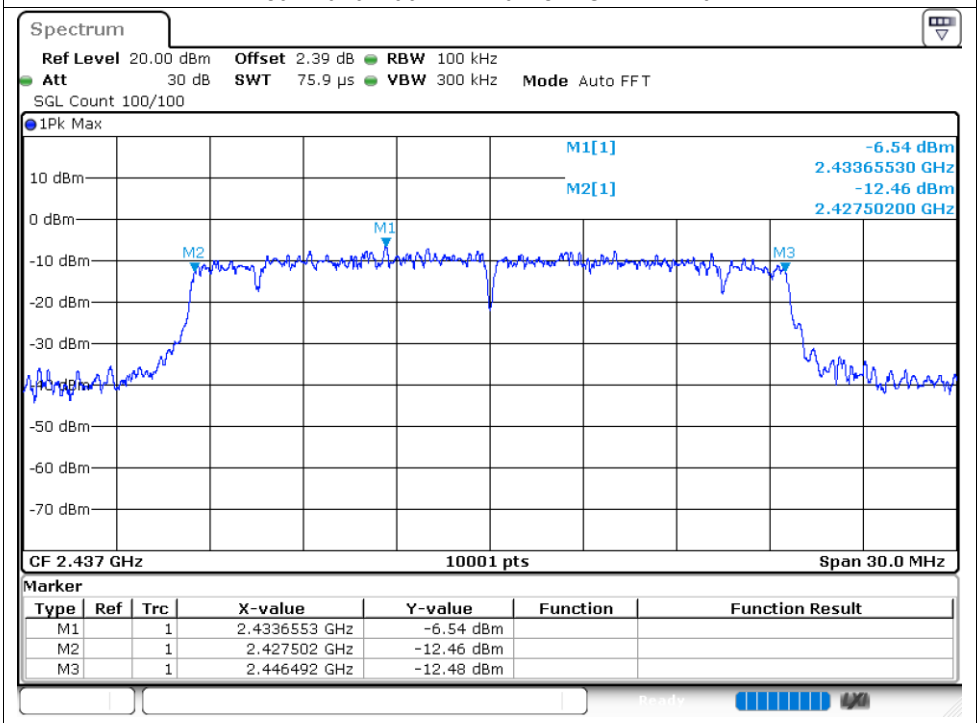
Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.4495102 GHz	-6.63 dBm		
M2		1	2.434486 GHz	-12.54 dBm		
M3		1	2.466796 GHz	-12.38 dBm		

802.11ax-VHT20

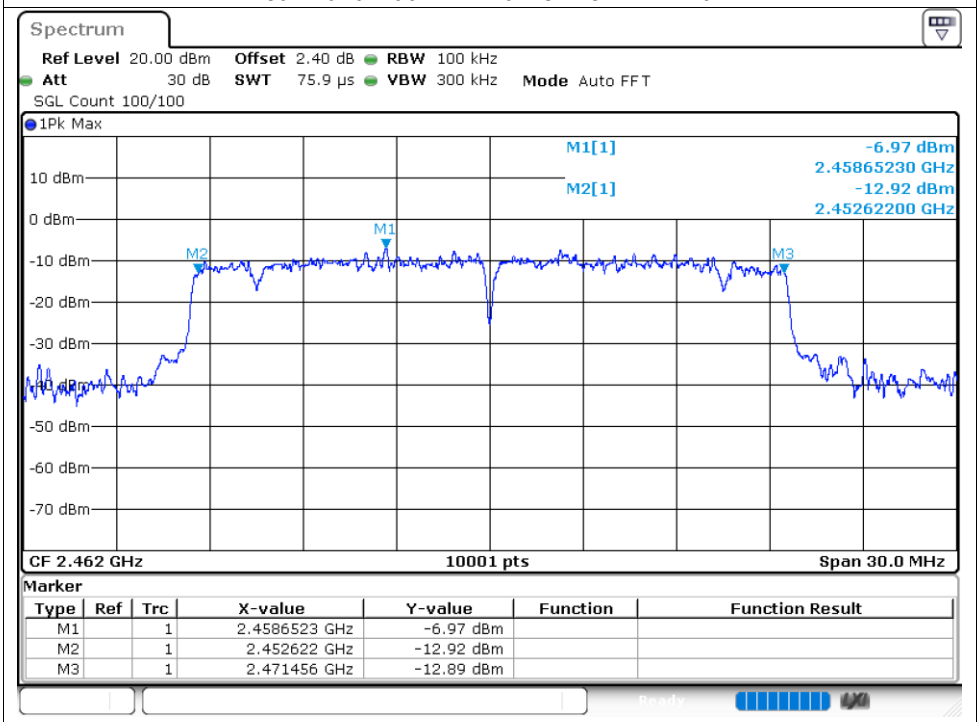
-6dB Bandwidth NVNT ax20 2412MHz Ant1



-6dB Bandwidth NVNT ax20 2437MHz Ant1



-6dB Bandwidth NVNT ax20 2462MHz Ant1



Applicant: EcoFlow Inc.
Date of Test: 26 March 2025 Worst Case Model: EF-GC-H-55

4.3 Maximum Power Density Reading, FCC Rule 15.247(e):

The Measurement Procedure PKPSD was set according to the FCC KDB 558074 D01 v05r02.

Antenna output of the EUT was coupled directly to spectrum analyzer; if an external attenuator and/or cable was used, these losses are compensated for with the analyzer OFFSET function.

Limit: The Power Density does not exceed 8dBm/3 kHz.

IEEE 802.11b (CCK, 1Mbps)	
Frequency (MHz)	Power Density with RBW 100KHz
2412	-13.6
2437	-13.47
2462	-14.06

IEEE 802.11g (16QAM, 6Mbps)	
Frequency (MHz)	Power Density with RBW 100KHz
2412	-16.44
2437	-16.31
2462	-16.99

IEEE 802.11n-HT20 (64QAM, 6Mbps)	
Frequency (MHz)	Power Density with RBW 100KHz
2412	-18.66
2437	-18.7
2462	-19.11

IEEE 802.11n-HT40 (64QAM, 13.5Mbps)	
Frequency (MHz)	Power Density with RBW 100KHz
2422	-20.31
2437	-20.82
2452	-21.02

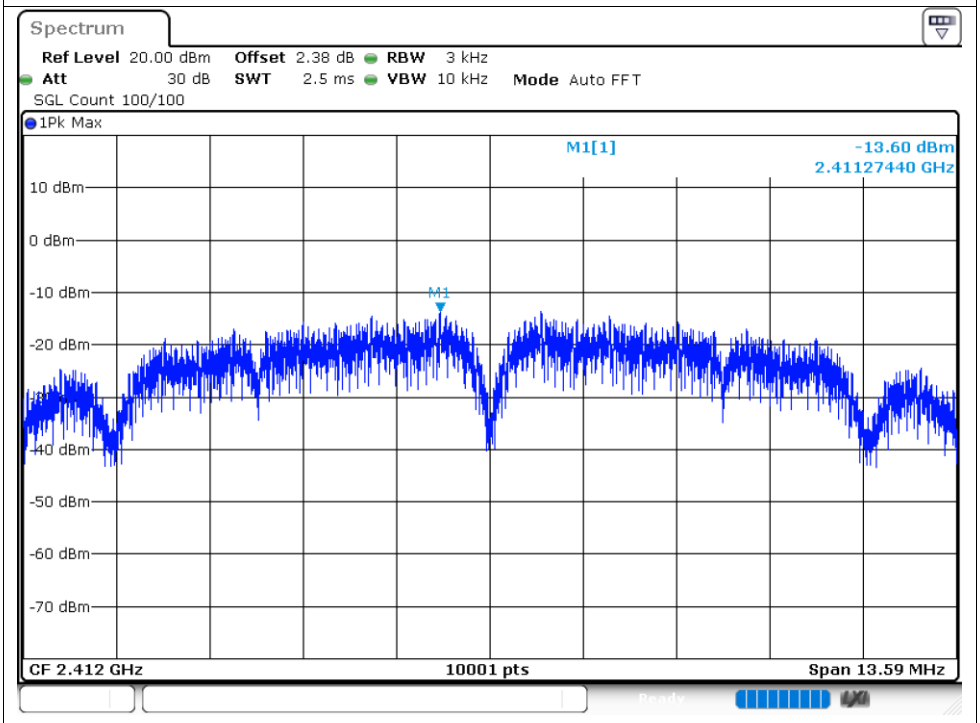
IEEE 802.11ax-VHT20 (64QAM, 6Mbps)	
Frequency (MHz)	Power Density with RBW 100KHz
2412	-18.88
2437	-19.38
2462	-19.66

The test plots are attached as below.

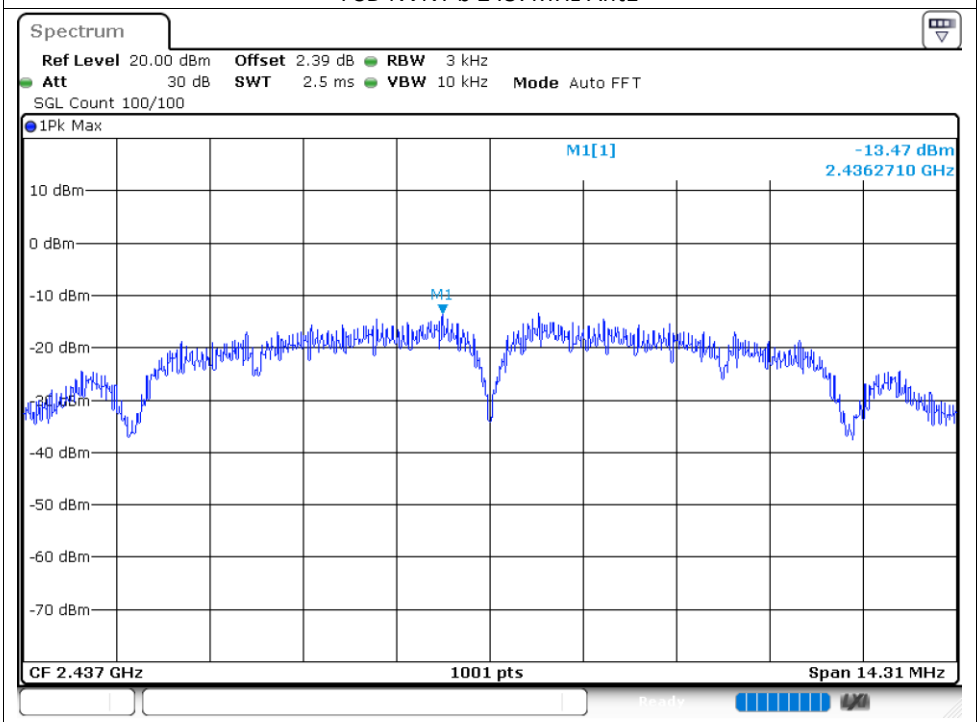
802.11b

Test Graphs

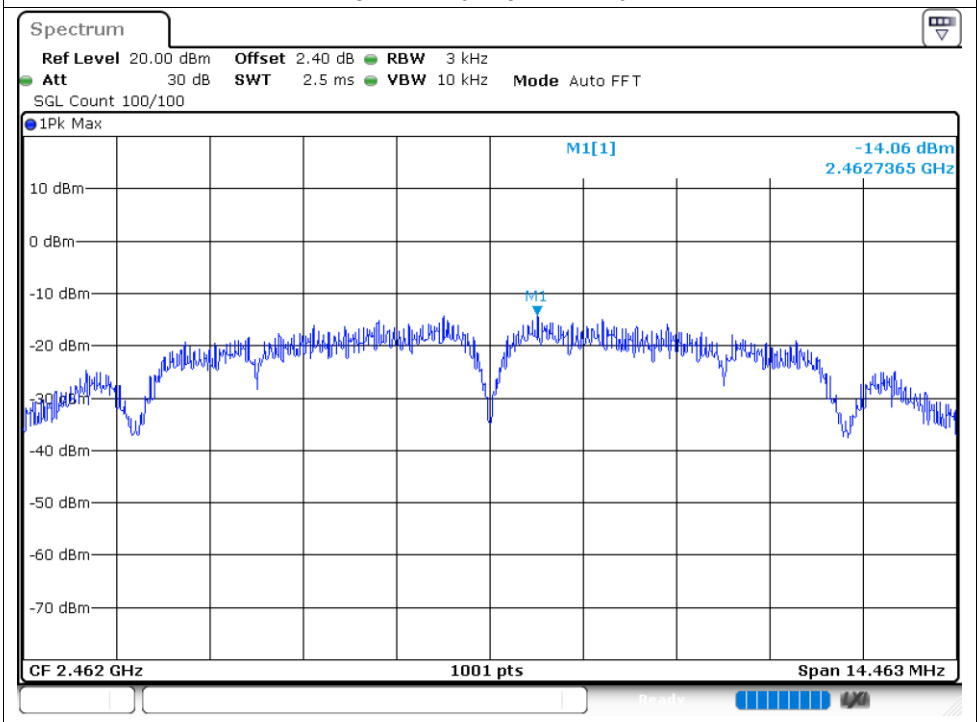
PSD NVNT b 2412MHz Ant1



PSD NVNT b 2437MHz Ant1

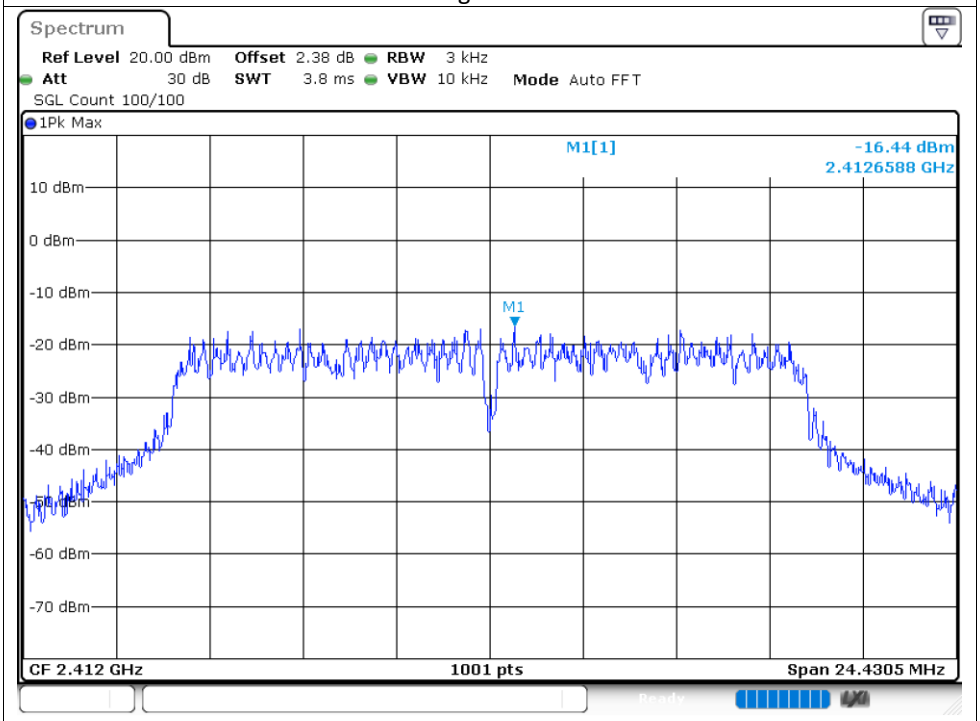


PSD NVNT b 2462MHz Ant1

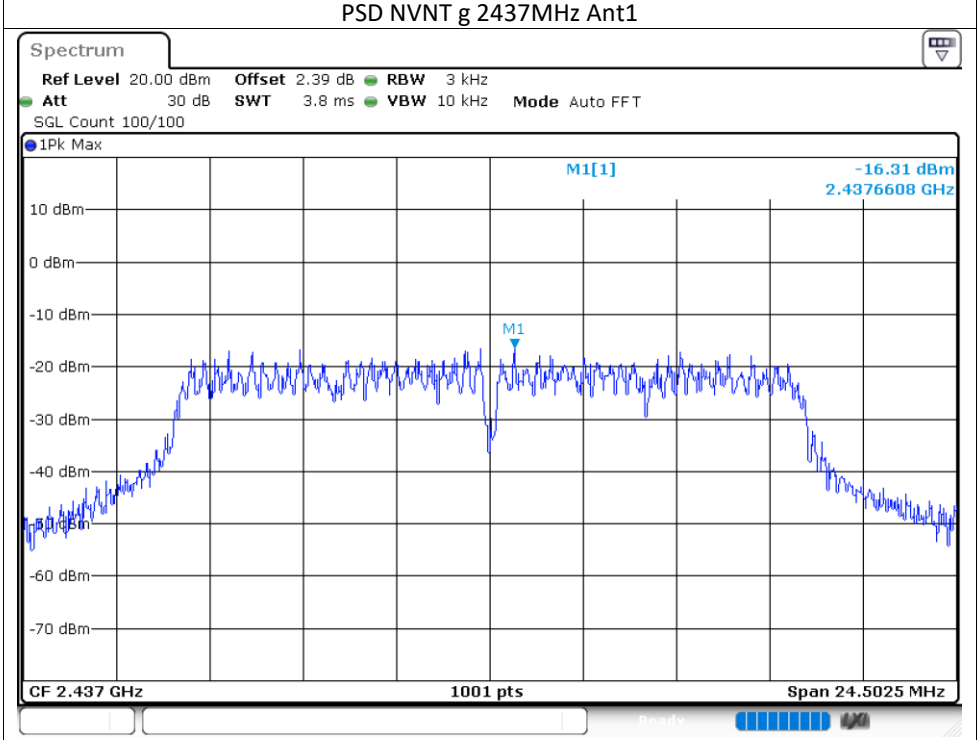


802.11g

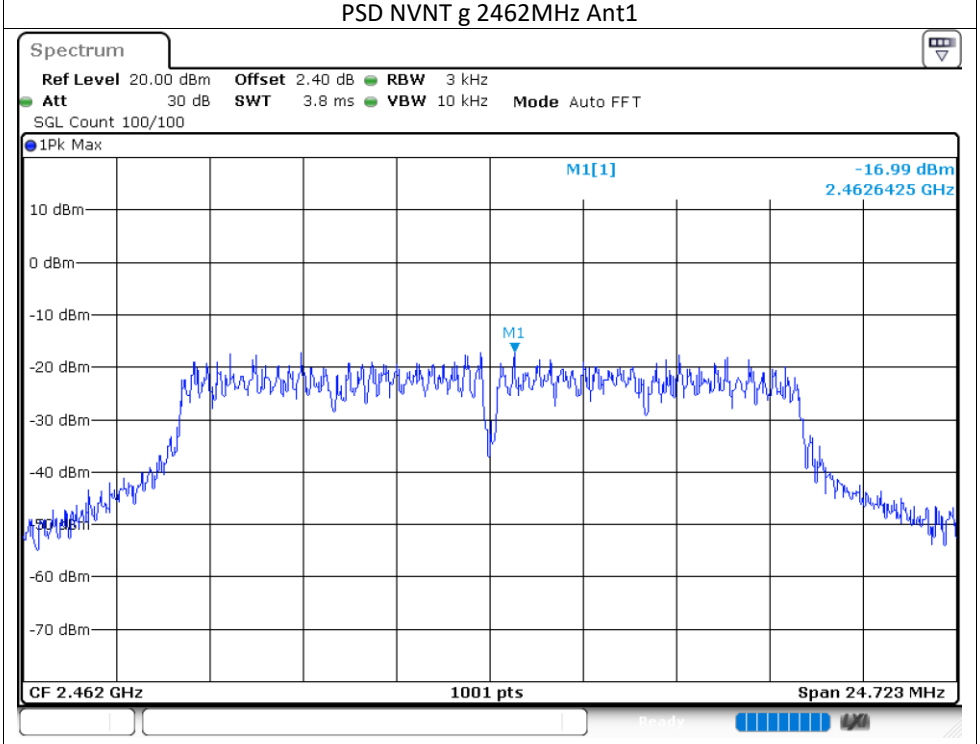
PSD NVNT g 2412MHz Ant1



PSD NVNT g 2437MHz Ant1

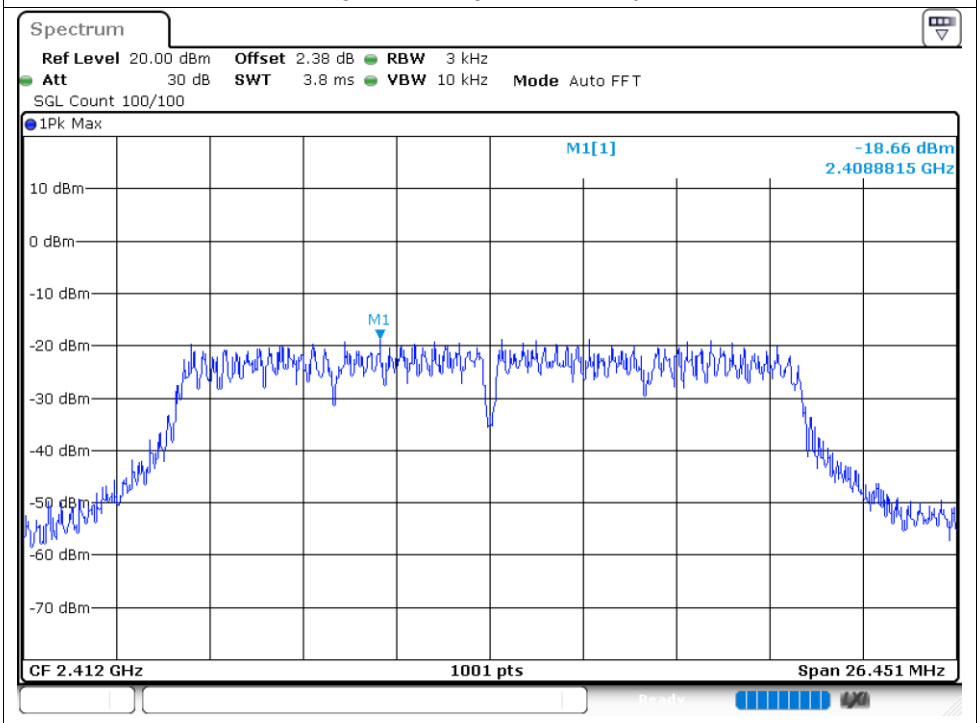


PSD NVNT g 2462MHz Ant1

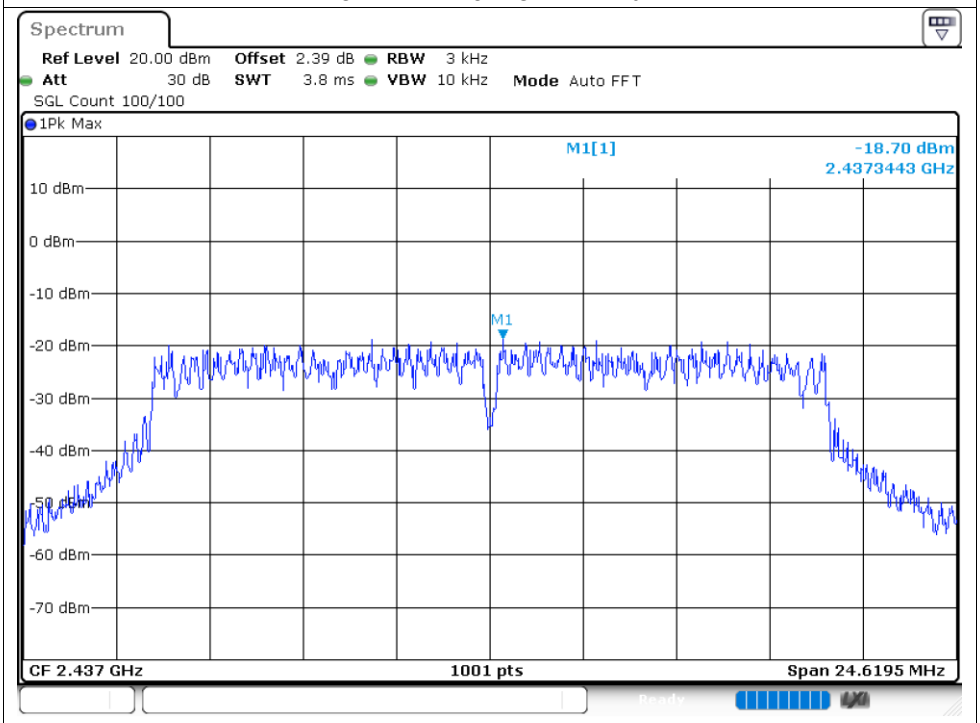


802.11n-HT20

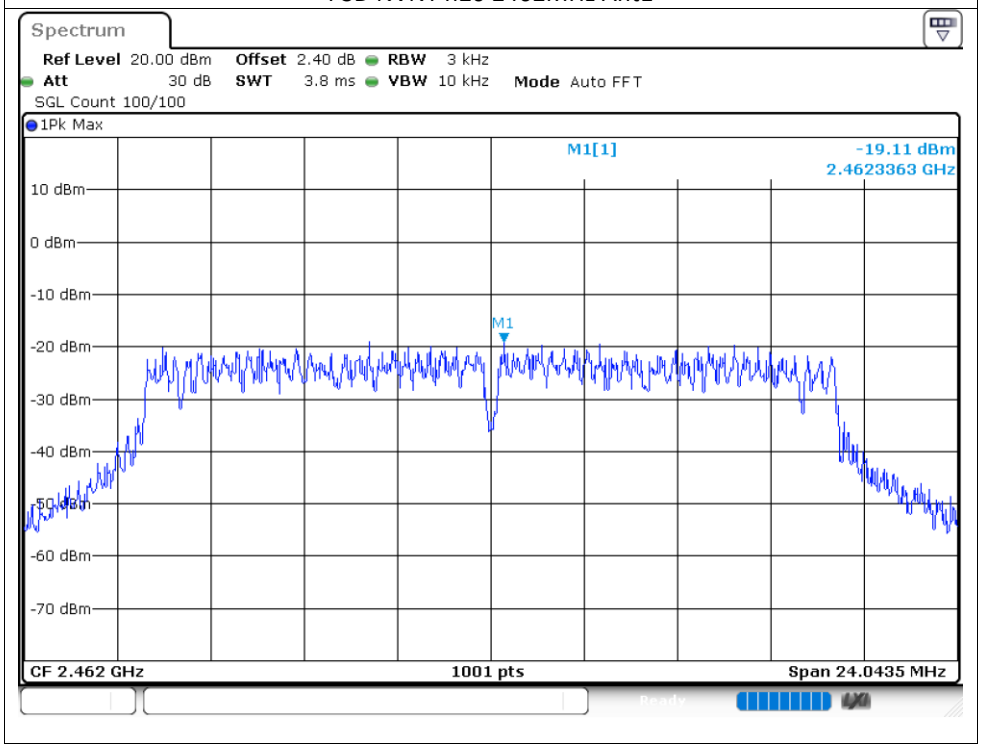
PSD NVNT n20 2412MHz Ant1



PSD NVNT n20 2437MHz Ant1

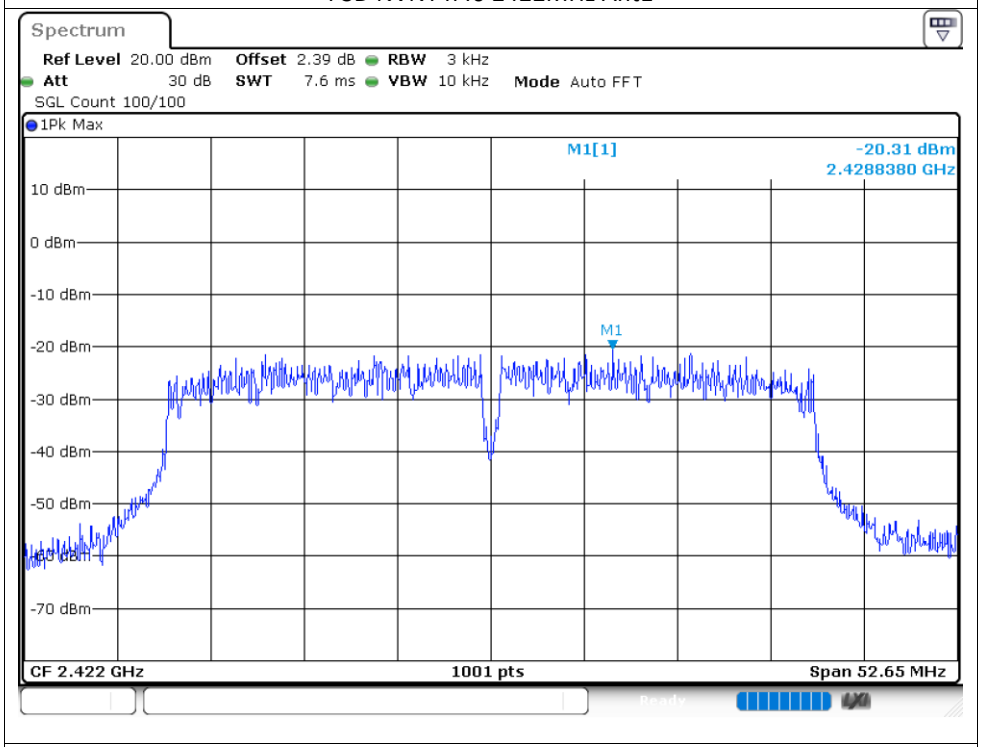


PSD NVNT n20 2462MHz Ant1

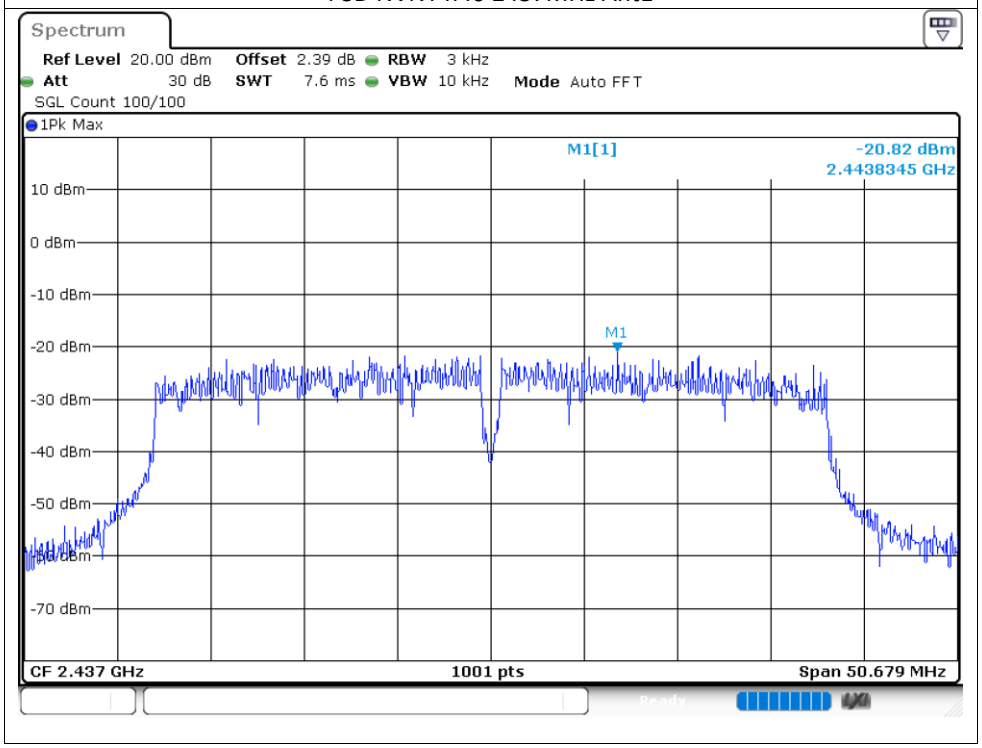


802.11n-HT40

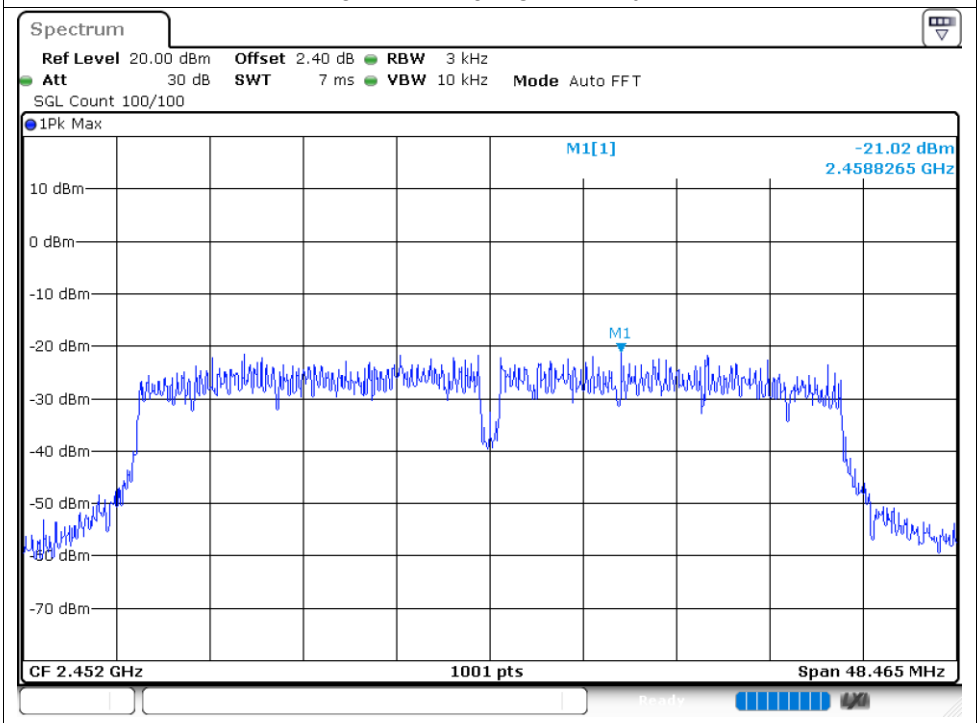
PSD NVNT n40 2422MHz Ant1



PSD NVNT n40 2437MHz Ant1

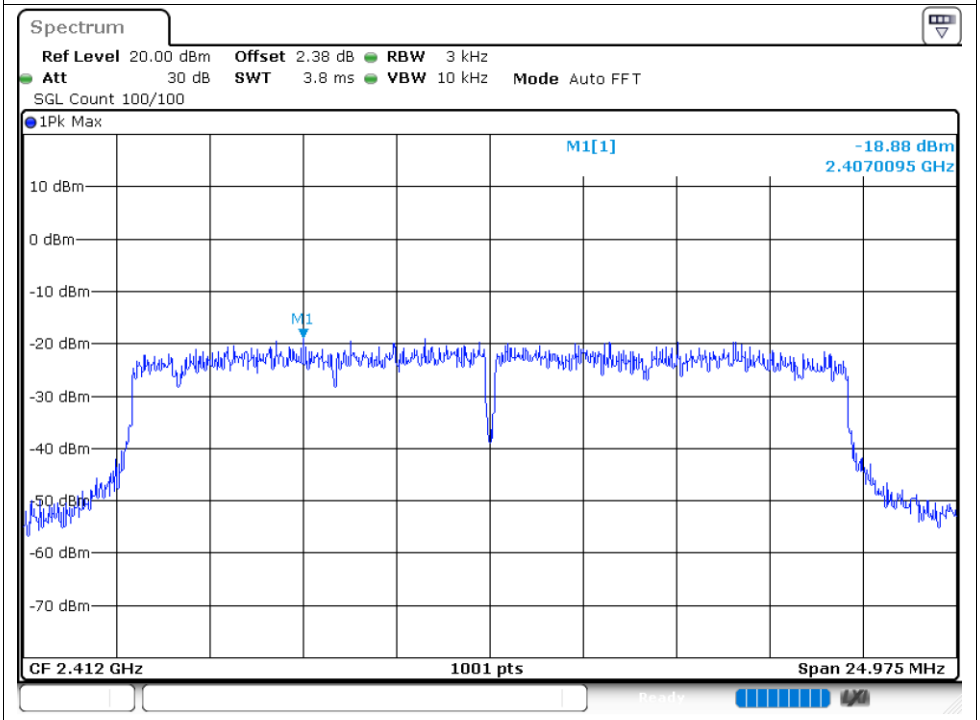


PSD NVNT n40 2452MHz Ant1

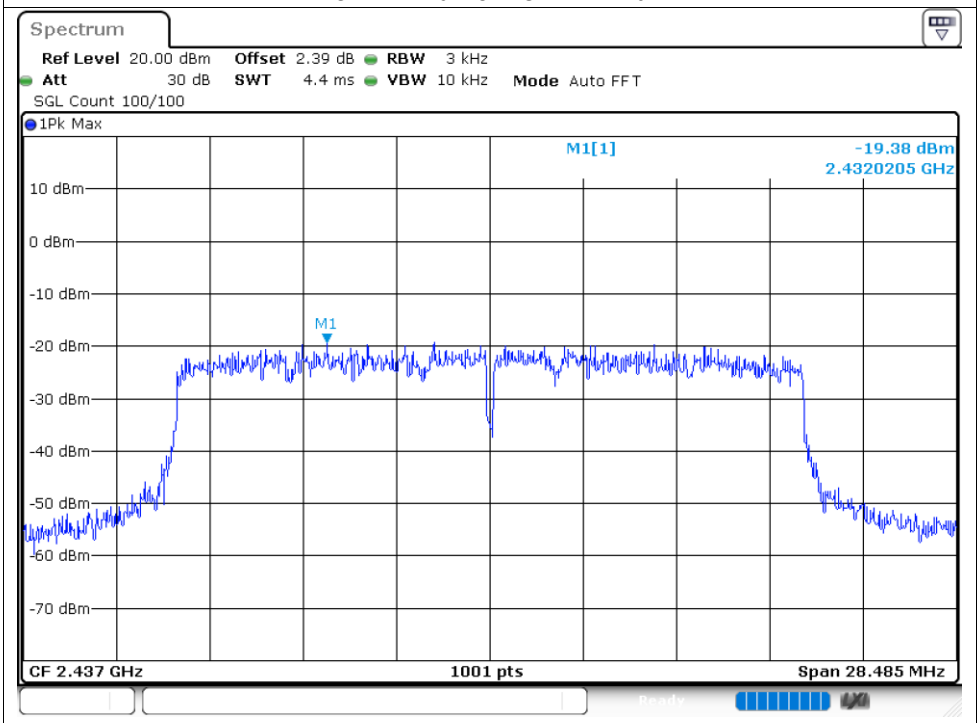


802.11ax-VHT20

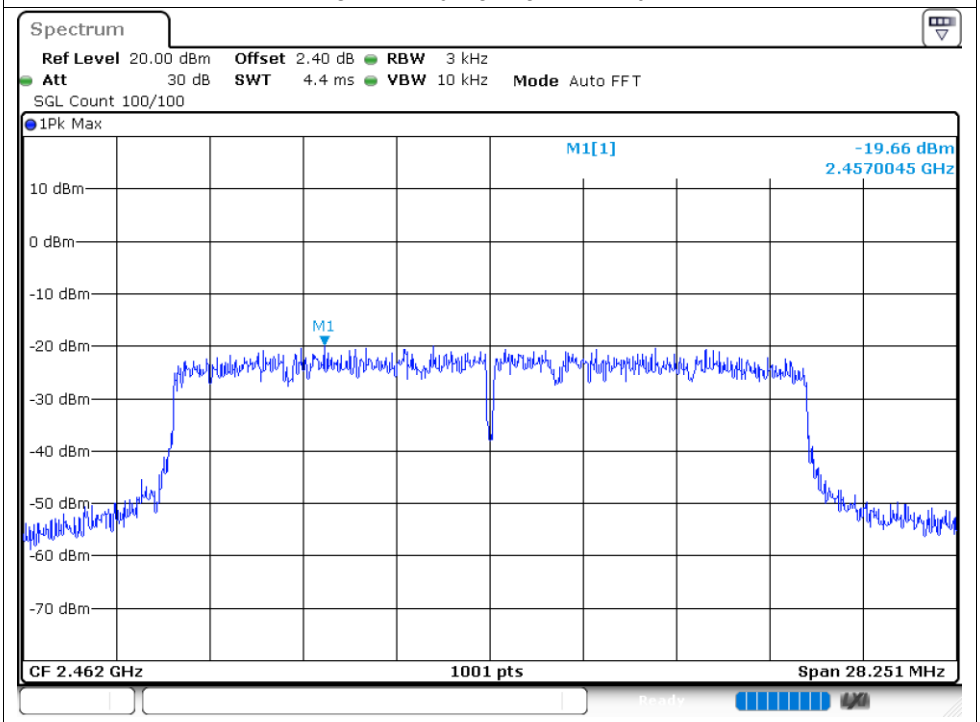
PSD NVNT ax20 2412MHz Ant1



PSD NVNT ax20 2437MHz Ant1



PSD NVNT ax20 2462MHz Ant1



Applicant: EcoFlow Inc.
Date of Test: 26 March 2025 Worst Case Model: EF-GC-H-55

4.4 Out of Band Conducted Emissions, FCC Rule 15.247(d)

In any 100 kHz bandwidth outside the frequency band in which the spread spectrum or digitally modulated intentional radiator is operating, the radio frequency power that is produced by the intentional radiator shall be at least 20 dB below that in the 100 kHz bandwidth within the band that contains the highest level of the desired power, based on either an RF conducted or a radiated measurement. The Measurement Procedure was set according to the FCC KDB 558074 D01 v05r02.

All other types of emissions from the EUT shall meet the general limits for radiated frequencies outside the passband.

Refer to the attached test plots for out of band conducted emissions data with rate of 1Mbps for 802.11b and 6Mbps for 802.11g and 6Mbps for 802.11n-HT20 and 13.5Mbps for 802.11n-HT40.

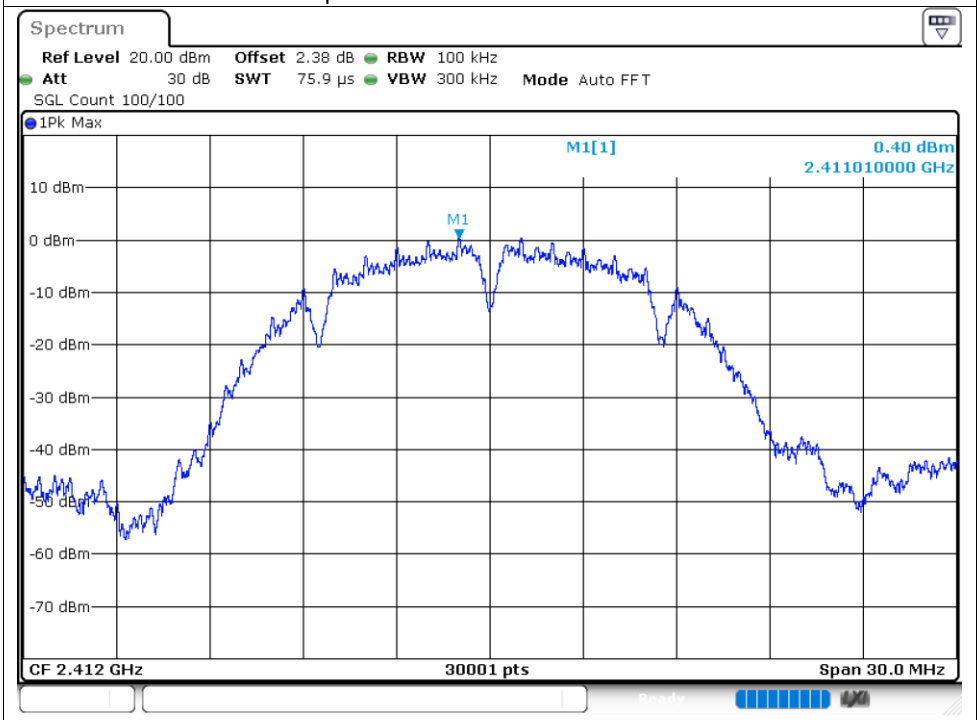
The test plots showed all spurious emission up to the tenth harmonic were measured and they were found to be at least 20 dB below the highest level of the desired power in the passband.

The test plots are attached as below.

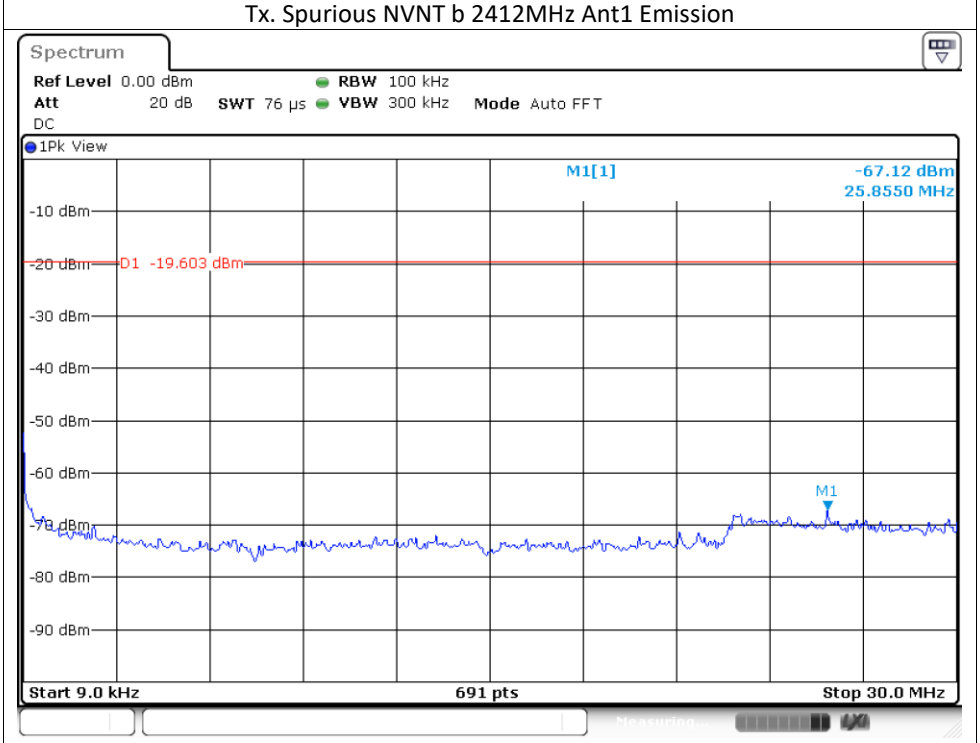
802.11b
Channel 01 (2412MHz)

Test Graphs

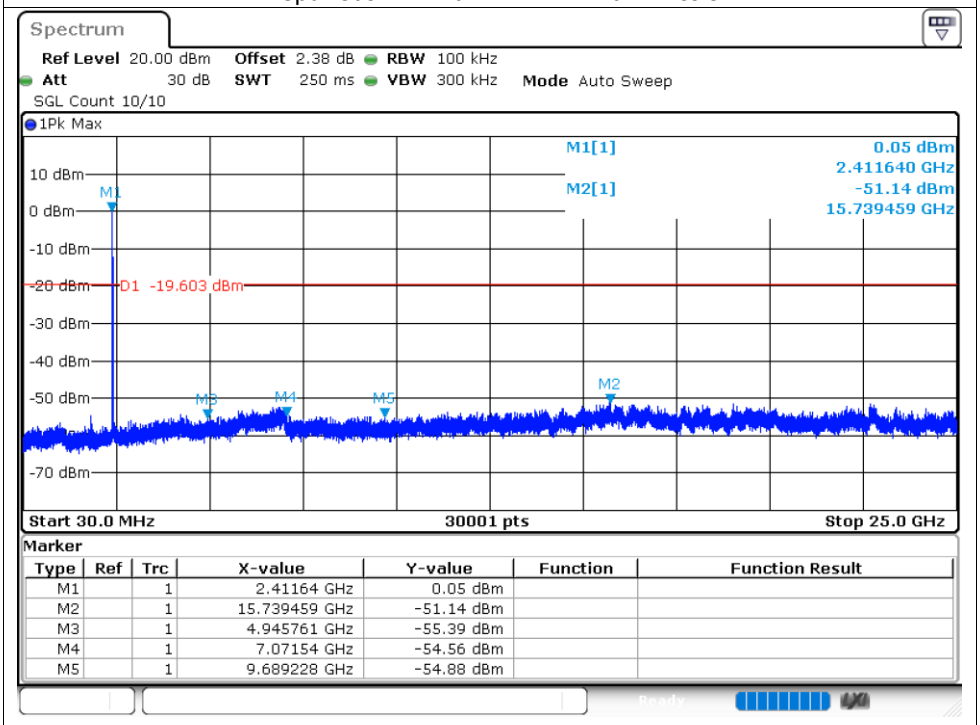
Tx. Spurious NVNT b 2412MHz Ant1 Ref



Tx. Spurious NVNT b 2412MHz Ant1 Emission



Tx. Spurious NVNT b 2412MHz Ant1 Emission

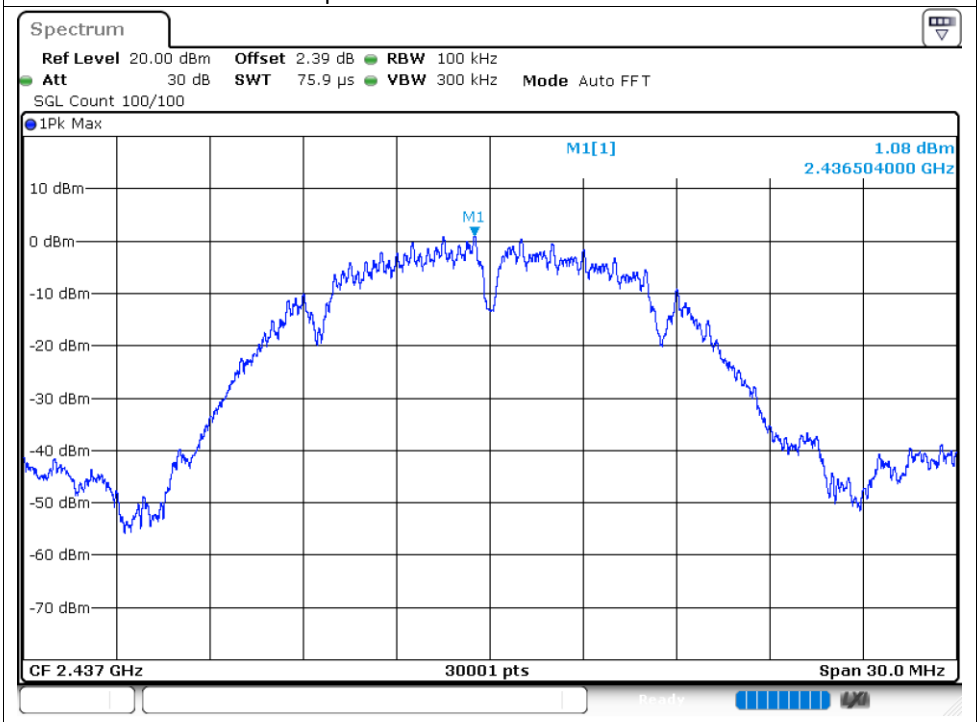


Marker

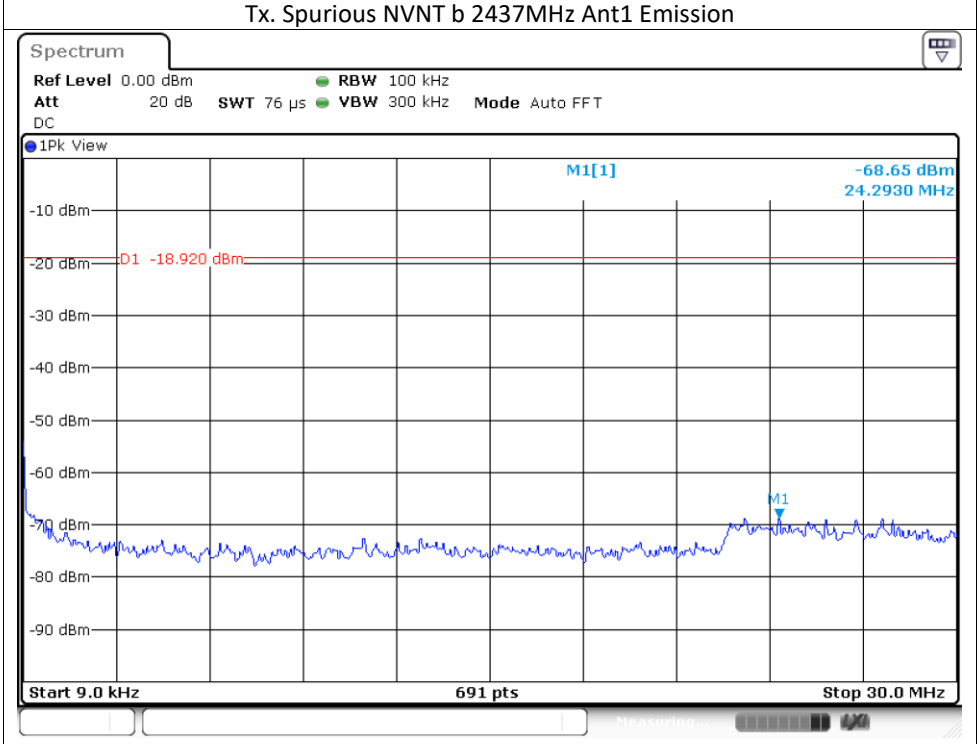
Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.41164 GHz	0.05 dBm		
M2		1	15.739459 GHz	-51.14 dBm		
M3		1	4.945761 GHz	-55.39 dBm		
M4		1	7.07154 GHz	-54.56 dBm		
M5		1	9.689228 GHz	-54.88 dBm		

Channel 06 (2437MHz)

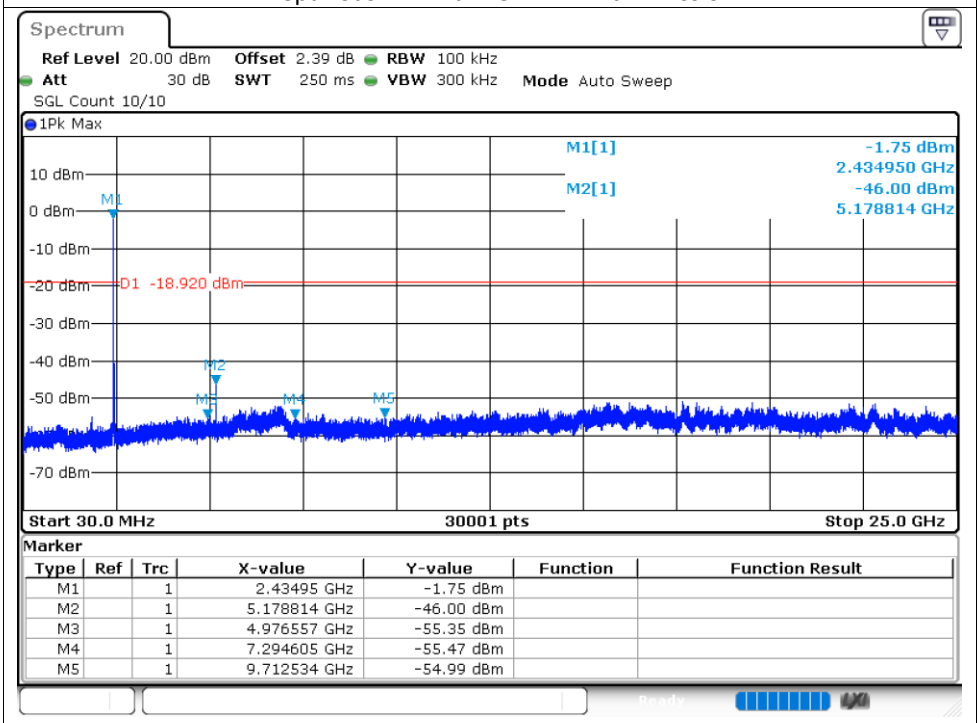
Tx. Spurious NVNT b 2437MHz Ant1 Ref



Tx. Spurious NVNT b 2437MHz Ant1 Emission



Tx. Spurious NVNT b 2437MHz Ant1 Emission

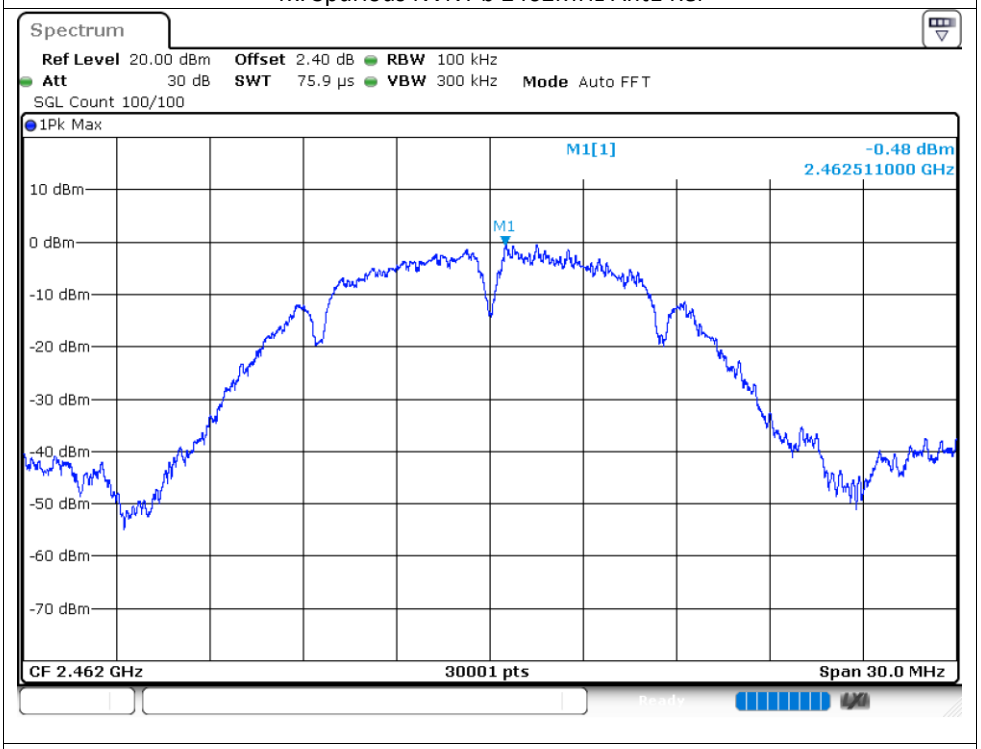


Marker

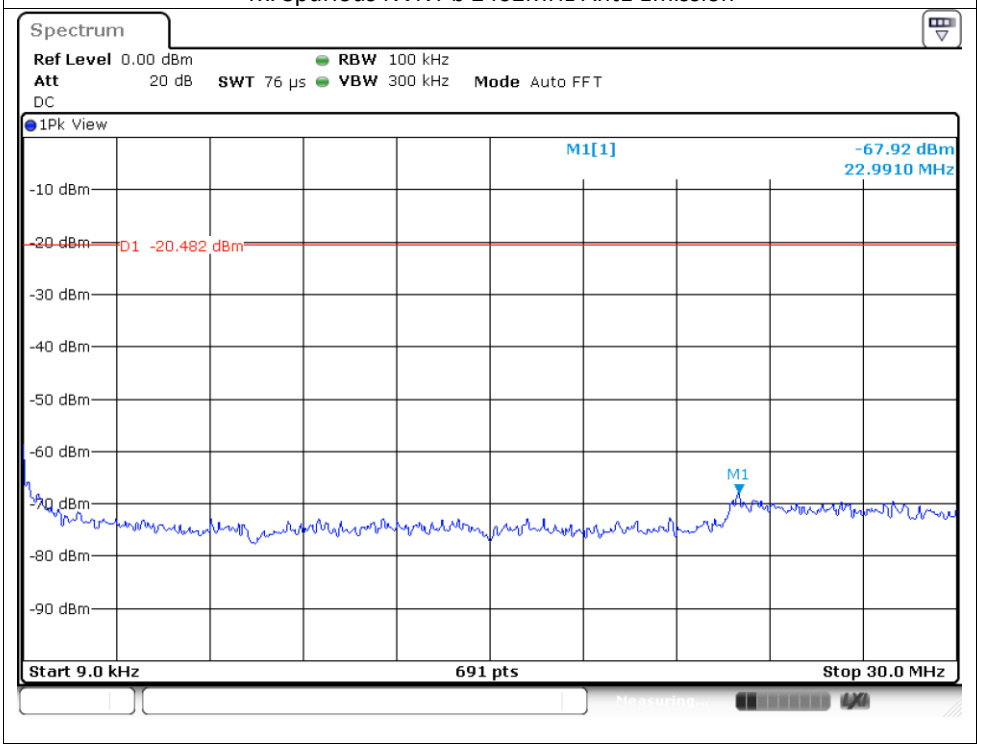
Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.43495 GHz	-1.75 dBm		
M2		1	5.178814 GHz	-46.00 dBm		
M3		1	4.976557 GHz	-55.35 dBm		
M4		1	7.294605 GHz	-55.47 dBm		
M5		1	9.712534 GHz	-54.99 dBm		

Channel 11 (2462MHz)

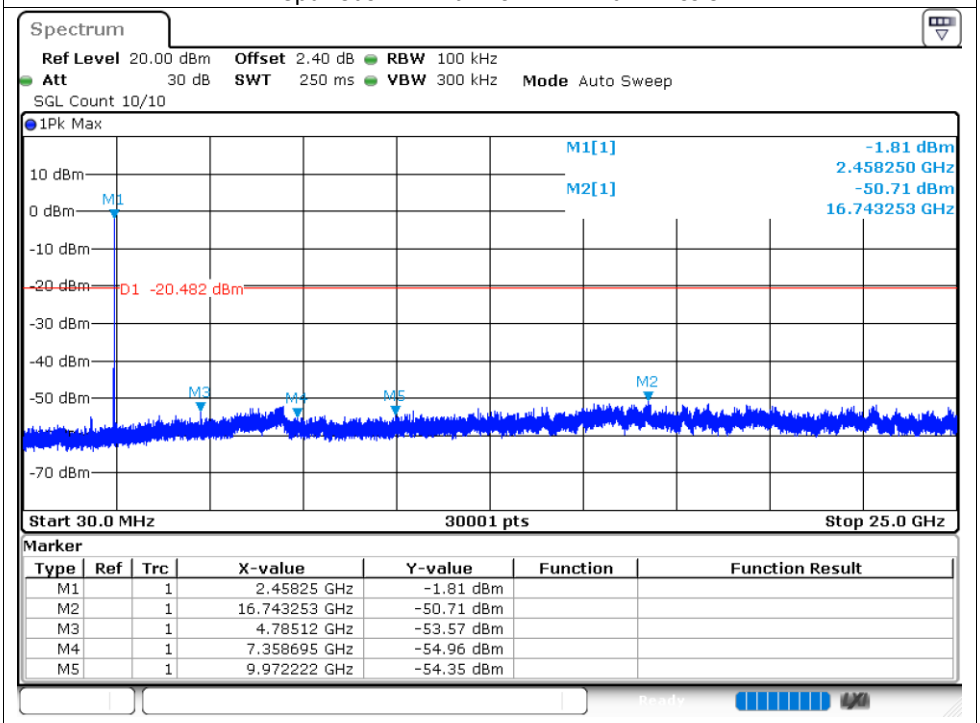
Tx. Spurious NVNT b 2462MHz Ant1 Ref



Tx. Spurious NVNT b 2462MHz Ant1 Emission



Tx. Spurious NVNT b 2462MHz Ant1 Emission

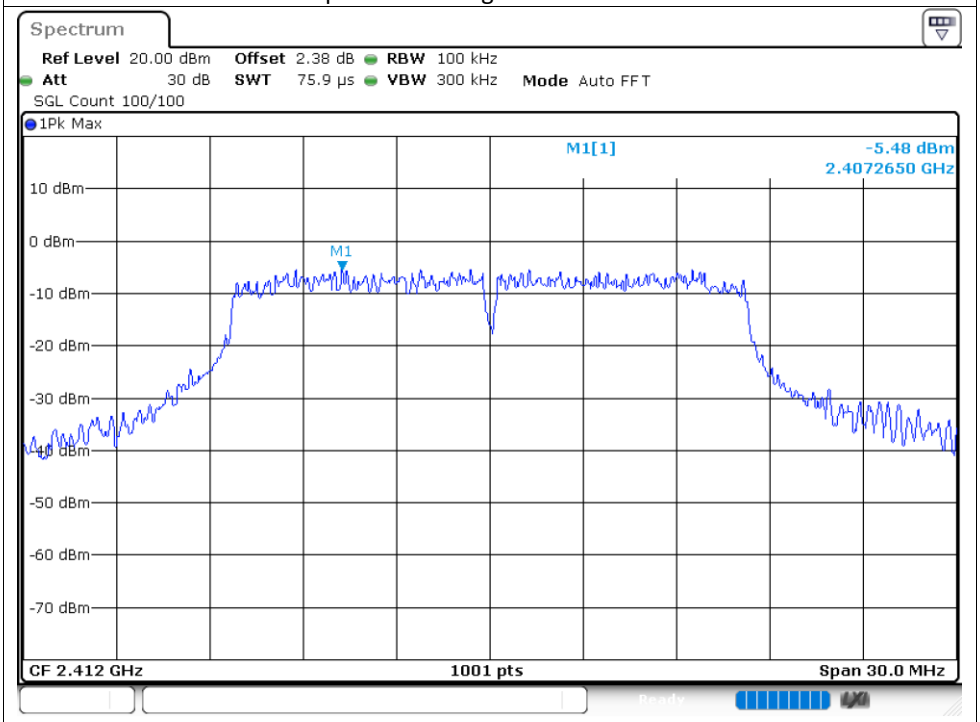


Marker

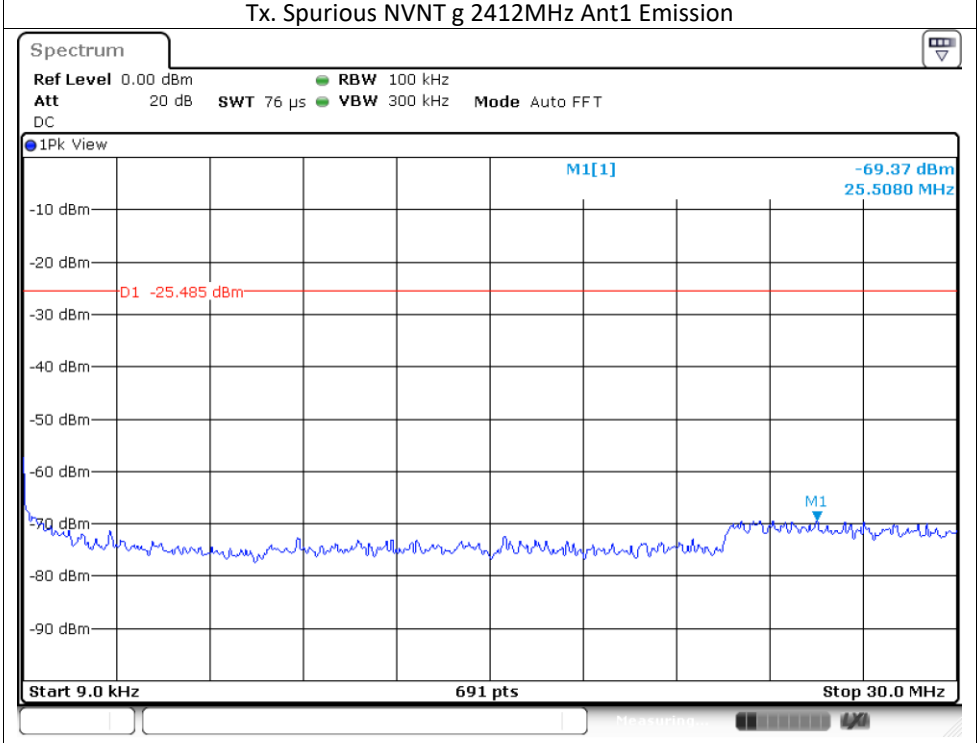
Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.45825 GHz	-1.81 dBm		
M2		1	16.743253 GHz	-50.71 dBm		
M3		1	4.78512 GHz	-53.57 dBm		
M4		1	7.358695 GHz	-54.96 dBm		
M5		1	9.972222 GHz	-54.35 dBm		

802.11g
Channel 01 (2412MHz)

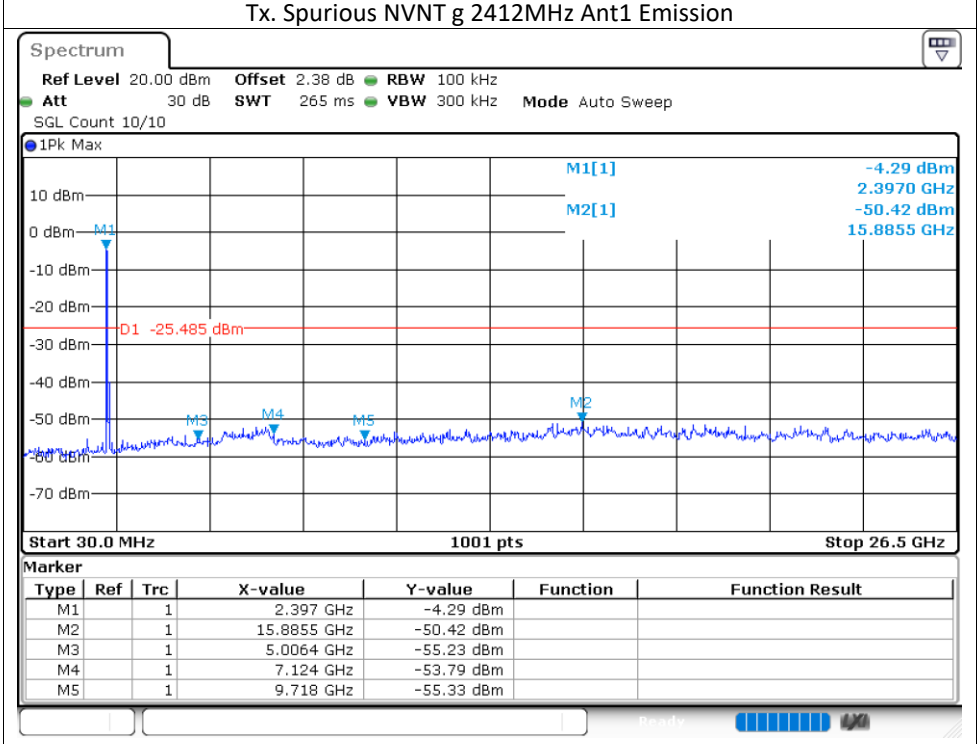
Tx. Spurious NVNT g 2412MHz Ant1 Ref



Tx. Spurious NVNT g 2412MHz Ant1 Emission



Tx. Spurious NVNT g 2412MHz Ant1 Emission

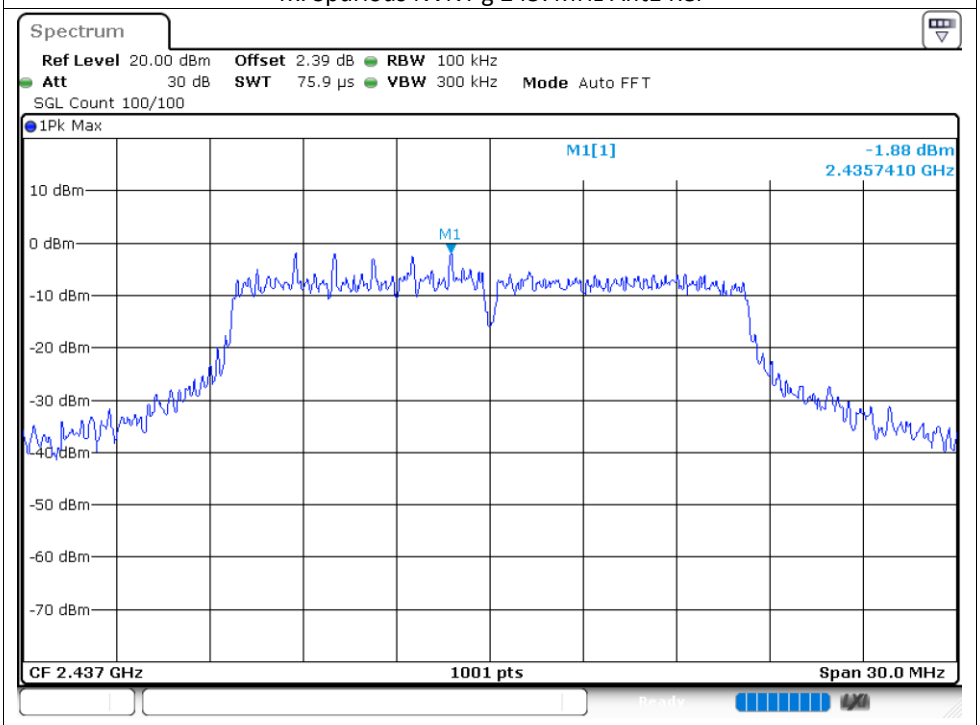


Marker

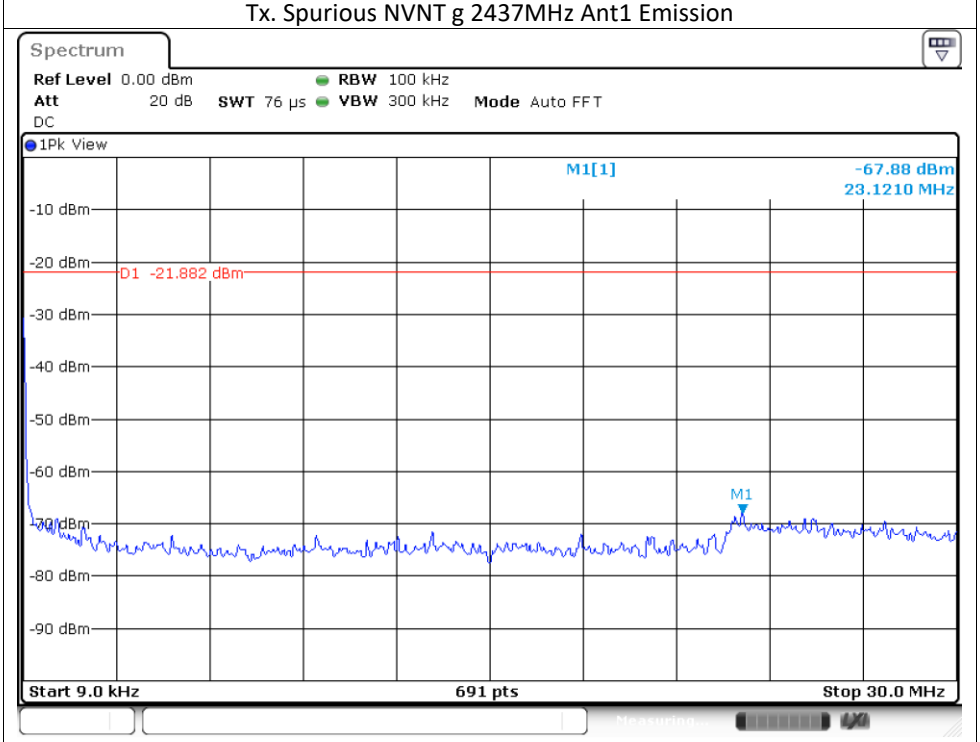
Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.397 GHz	-4.29 dBm		
M2		1	15.8855 GHz	-50.42 dBm		
M3		1	5.0064 GHz	-55.23 dBm		
M4		1	7.124 GHz	-53.79 dBm		
M5		1	9.718 GHz	-55.33 dBm		

Channel 06 (2437MHz)

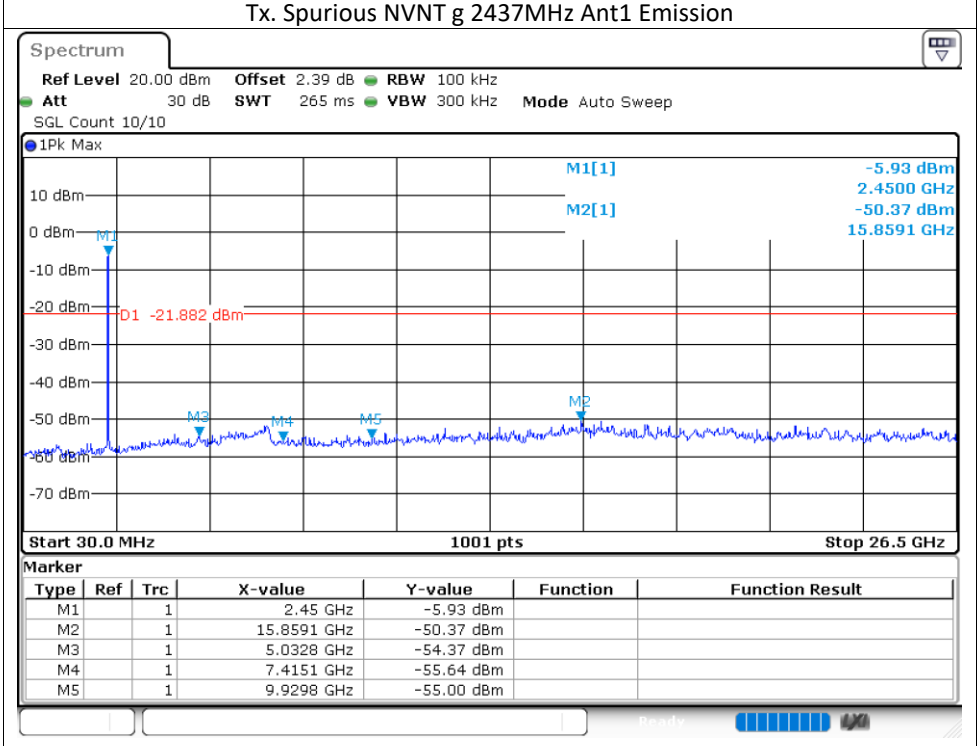
Tx. Spurious NVNT g 2437MHz Ant1 Ref



Tx. Spurious NVNT g 2437MHz Ant1 Emission



Tx. Spurious NVNT g 2437MHz Ant1 Emission

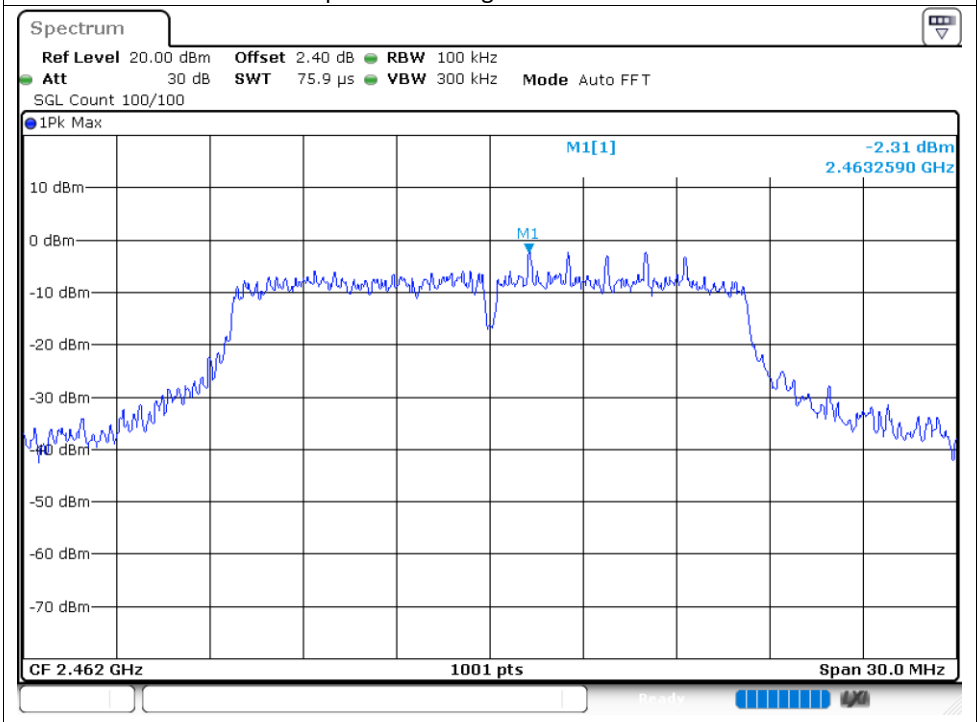


Marker

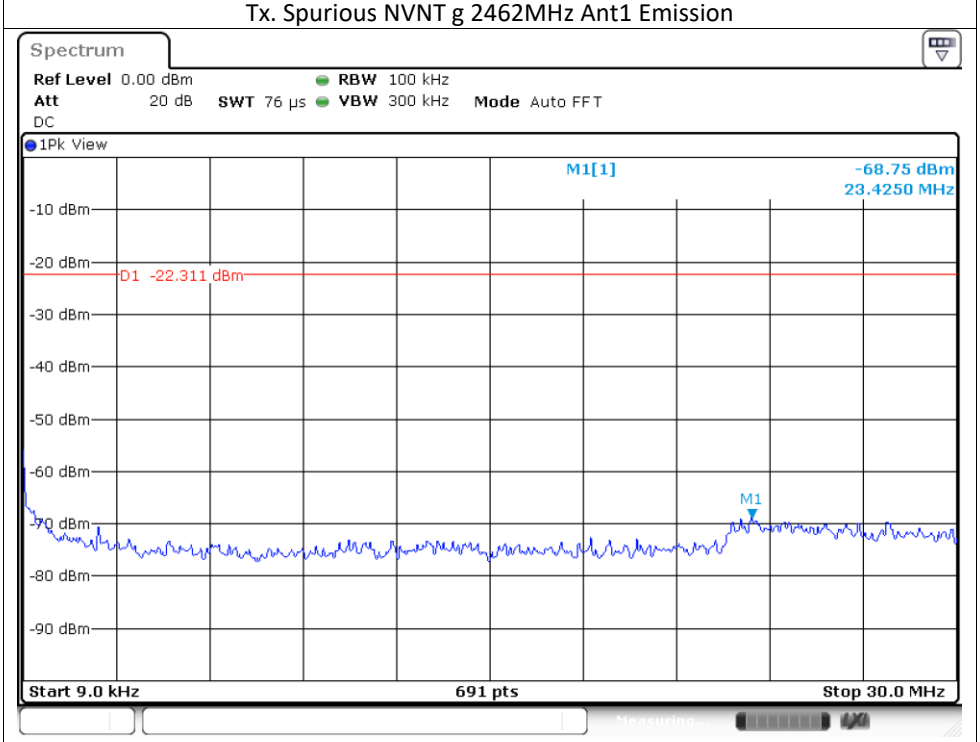
Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.45 GHz	-5.93 dBm		
M2		1	15.8591 GHz	-50.37 dBm		
M3		1	5.0328 GHz	-54.37 dBm		
M4		1	7.4151 GHz	-55.64 dBm		
M5		1	9.9298 GHz	-55.00 dBm		

Channel 11 (2462MHz)

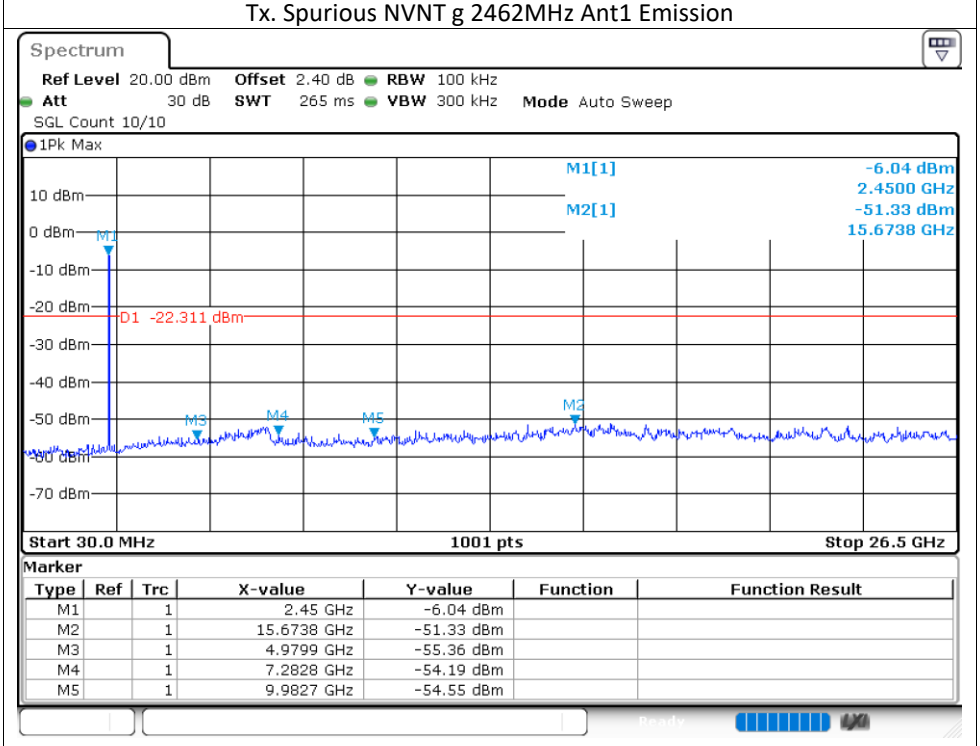
Tx. Spurious NVNT g 2462MHz Ant1 Ref



Tx. Spurious NVNT g 2462MHz Ant1 Emission



Tx. Spurious NVNT g 2462MHz Ant1 Emission

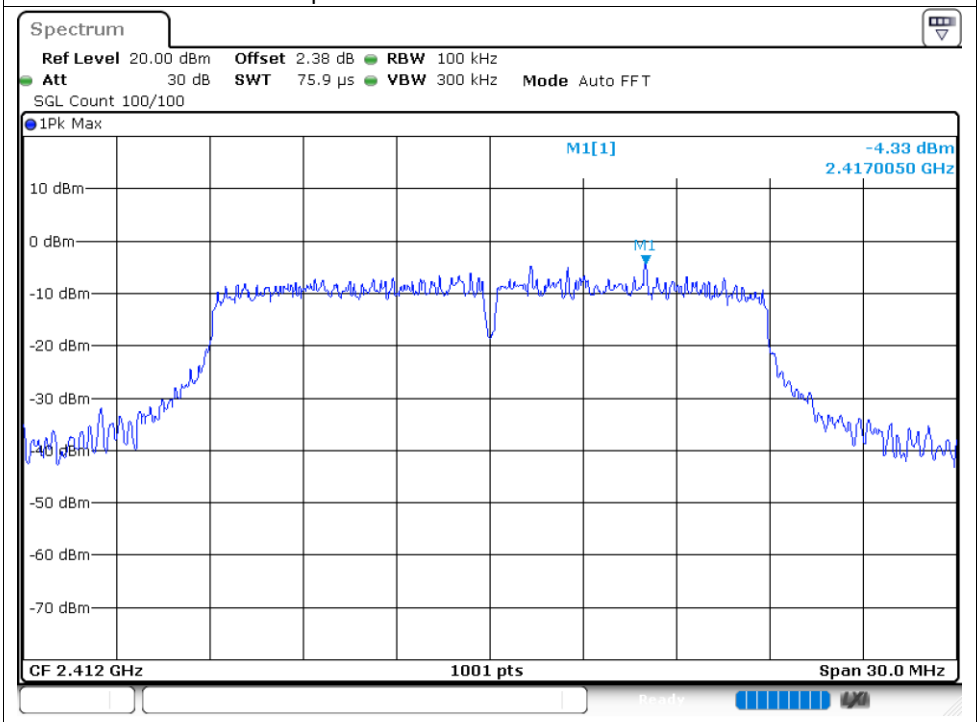


Marker

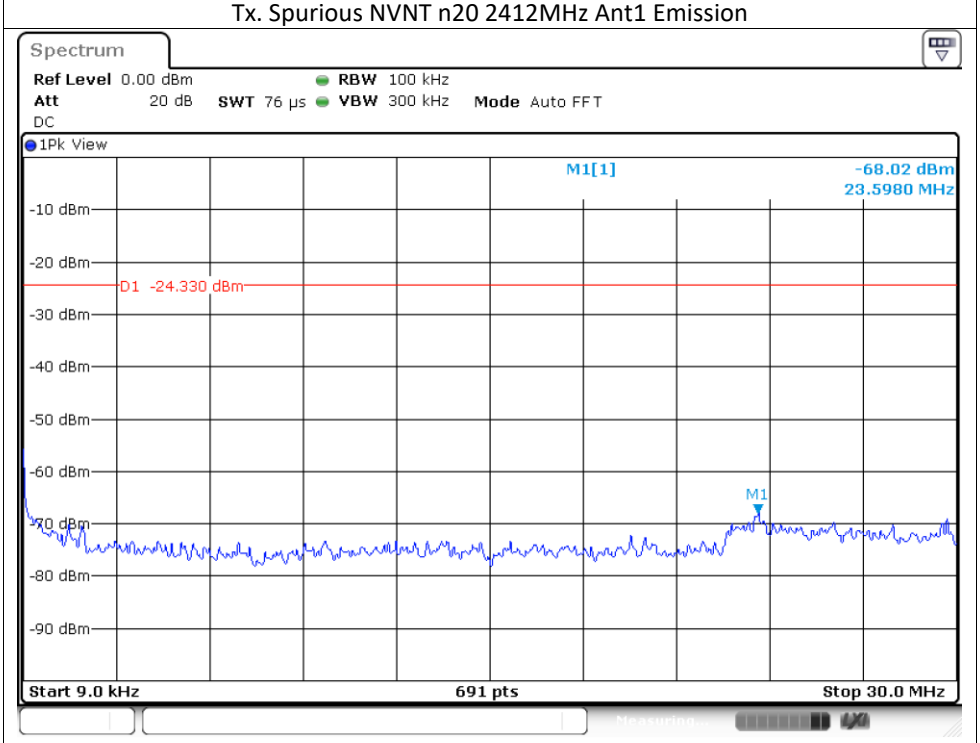
Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.45 GHz	-6.04 dBm		
M2		1	15.6738 GHz	-51.33 dBm		
M3		1	4.9799 GHz	-55.36 dBm		
M4		1	7.2828 GHz	-54.19 dBm		
M5		1	9.9827 GHz	-54.55 dBm		

802.11n-HT20
Channel 01 (2412MHz)

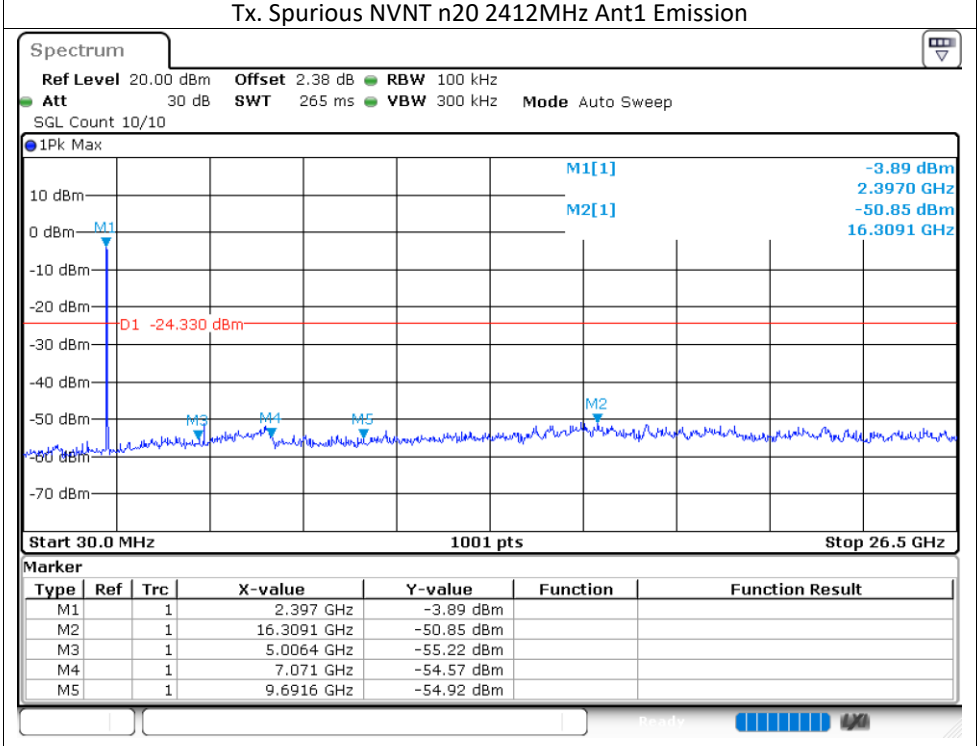
Tx. Spurious NVNT n20 2412MHz Ant1 Ref



Tx. Spurious NVNT n20 2412MHz Ant1 Emission



Tx. Spurious NVNT n20 2412MHz Ant1 Emission

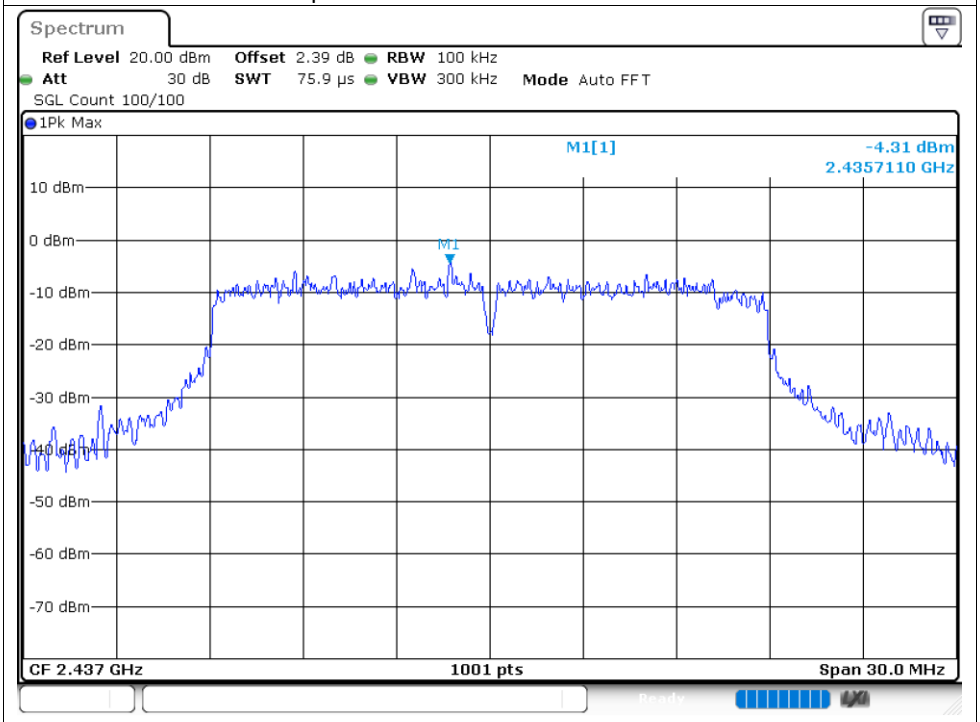


Marker

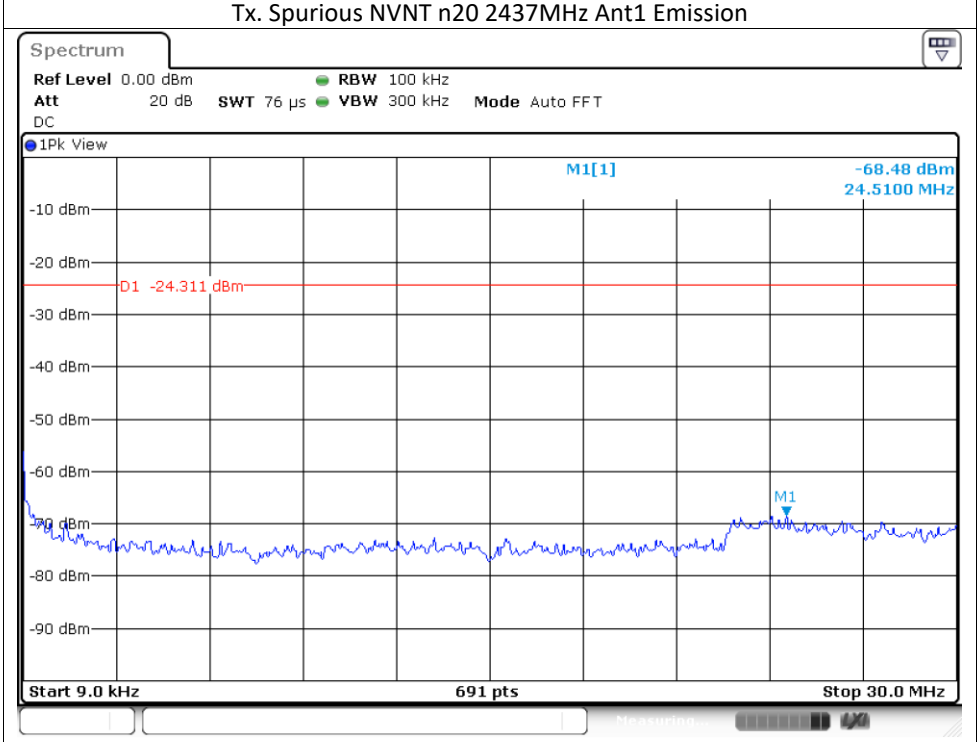
Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.397 GHz	-3.89 dBm		
M2		1	16.3091 GHz	-50.85 dBm		
M3		1	5.0064 GHz	-55.22 dBm		
M4		1	7.071 GHz	-54.57 dBm		
M5		1	9.6916 GHz	-54.92 dBm		

Channel 06 (2437MHz)

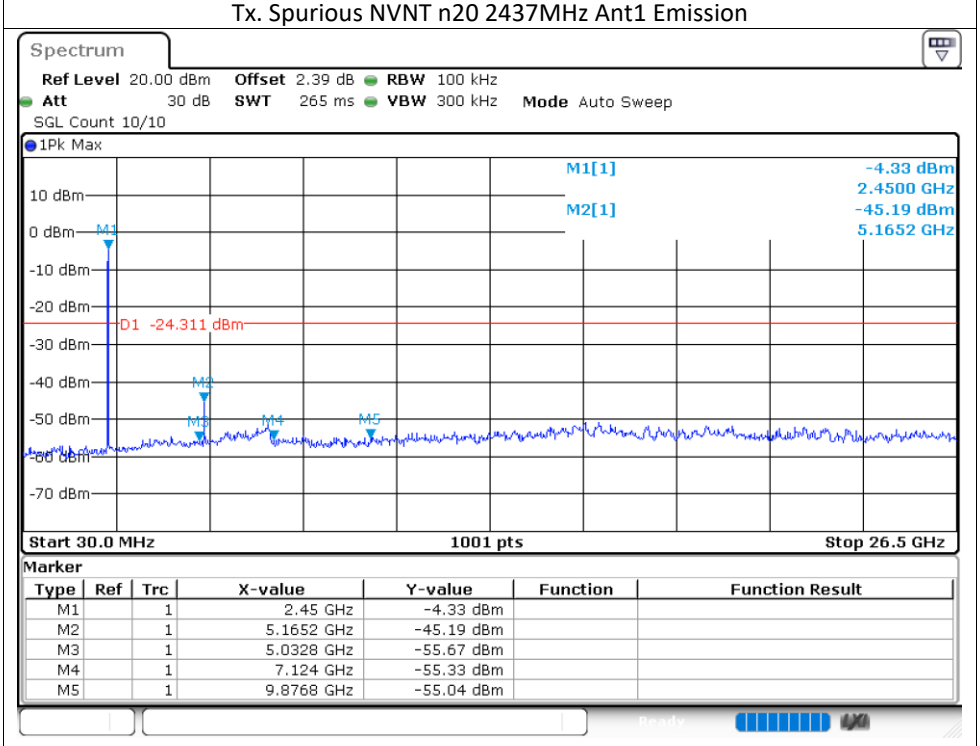
Tx. Spurious NVNT n20 2437MHz Ant1 Ref



Tx. Spurious NVNT n20 2437MHz Ant1 Emission



Tx. Spurious NVNT n20 2437MHz Ant1 Emission

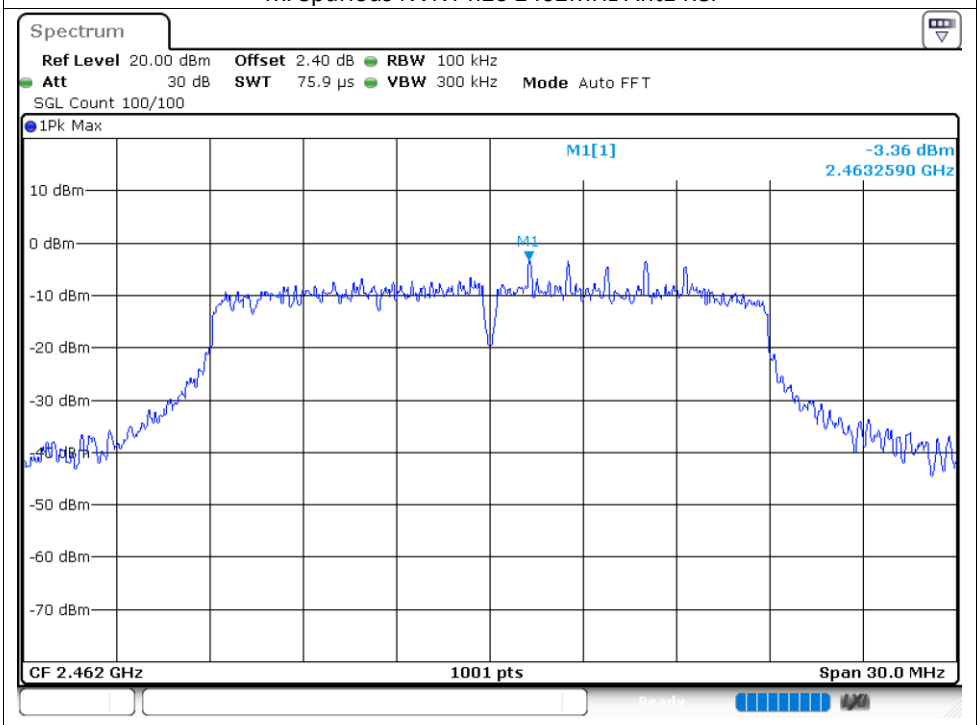


Marker

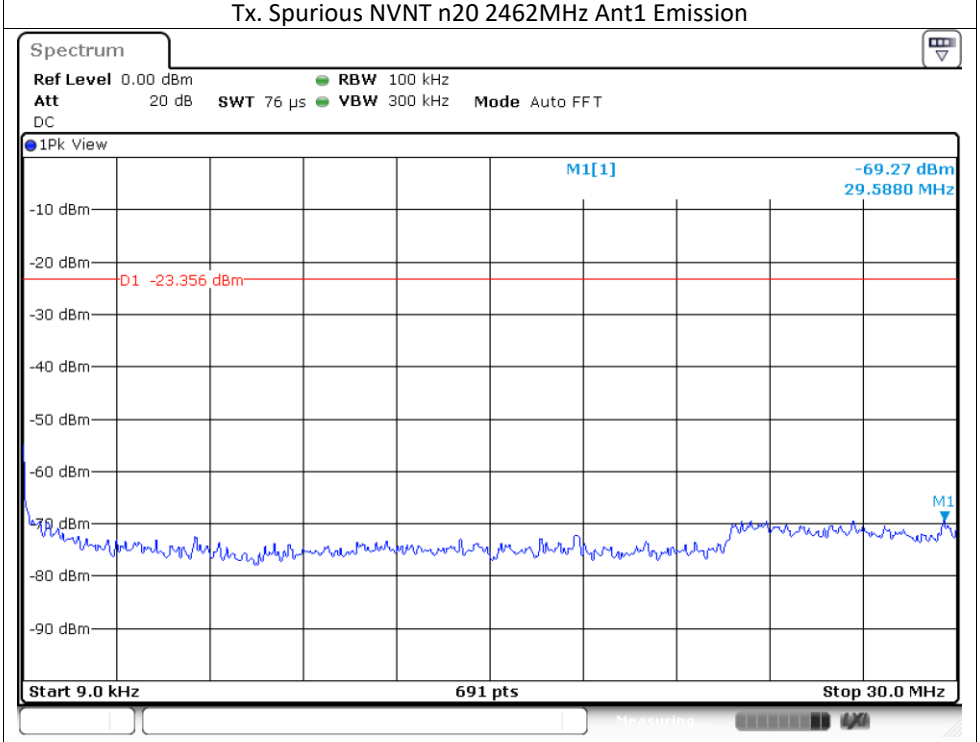
Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.45 GHz	-4.33 dBm		
M2		1	5.1652 GHz	-45.19 dBm		
M3		1	5.0328 GHz	-55.67 dBm		
M4		1	7.124 GHz	-55.33 dBm		
M5		1	9.8768 GHz	-55.04 dBm		

Channel 11 (2462MHz)

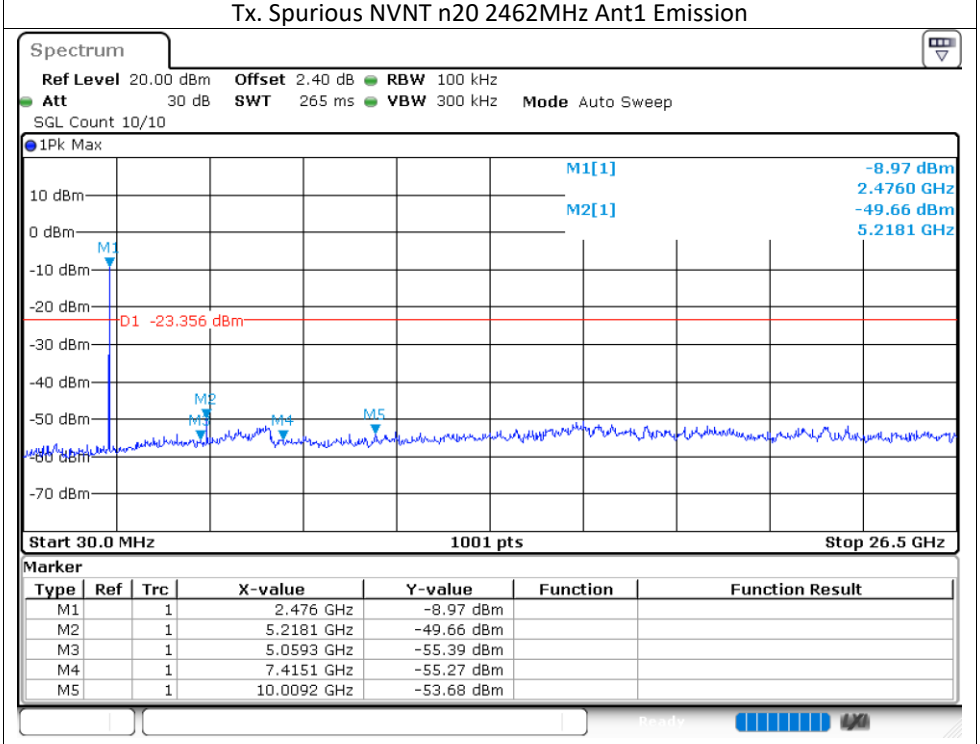
Tx. Spurious NVNT n20 2462MHz Ant1 Ref



Tx. Spurious NVNT n20 2462MHz Ant1 Emission



Tx. Spurious NVNT n20 2462MHz Ant1 Emission

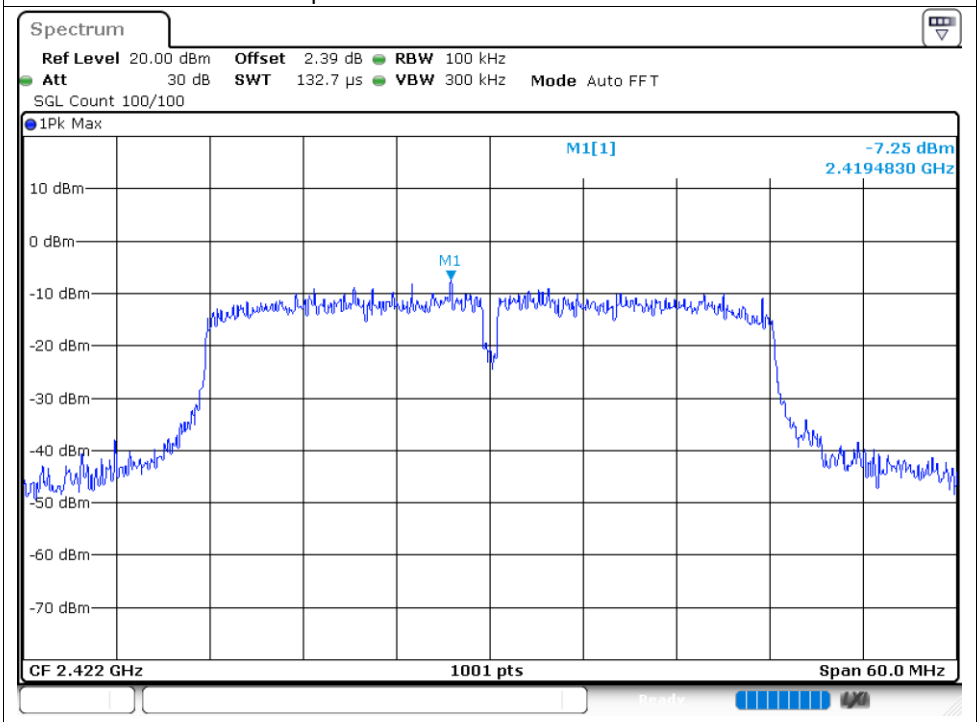


Marker

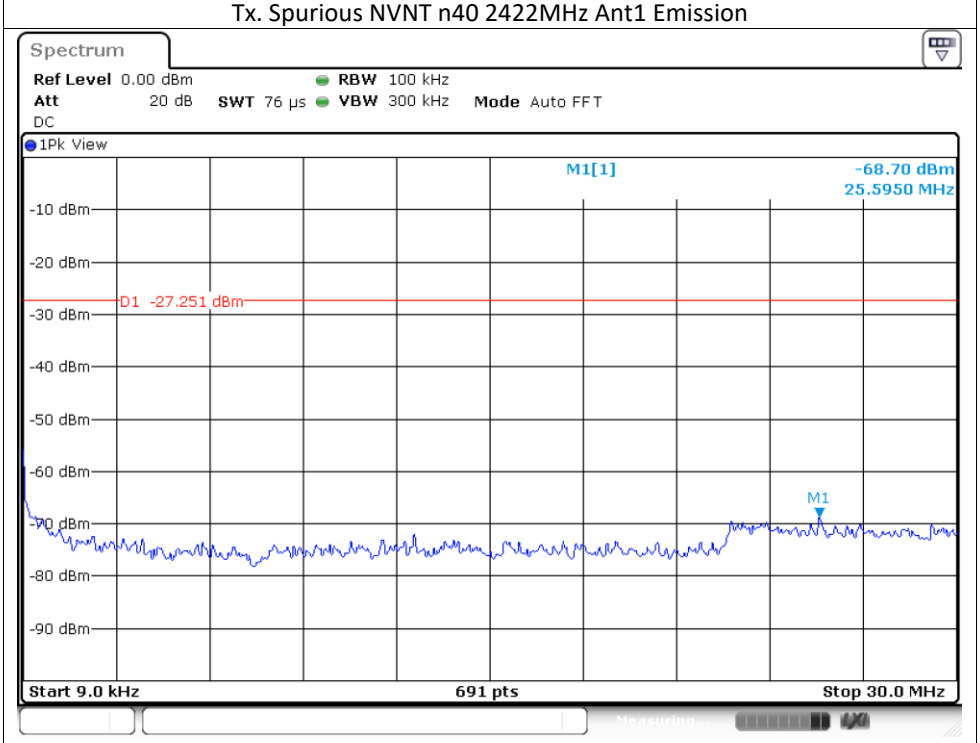
Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.476 GHz	-8.97 dBm		
M2		1	5.2181 GHz	-49.66 dBm		
M3		1	5.0593 GHz	-55.39 dBm		
M4		1	7.4151 GHz	-55.27 dBm		
M5		1	10.0092 GHz	-53.68 dBm		

802.11n-HT40
Channel 01 (2422MHz)

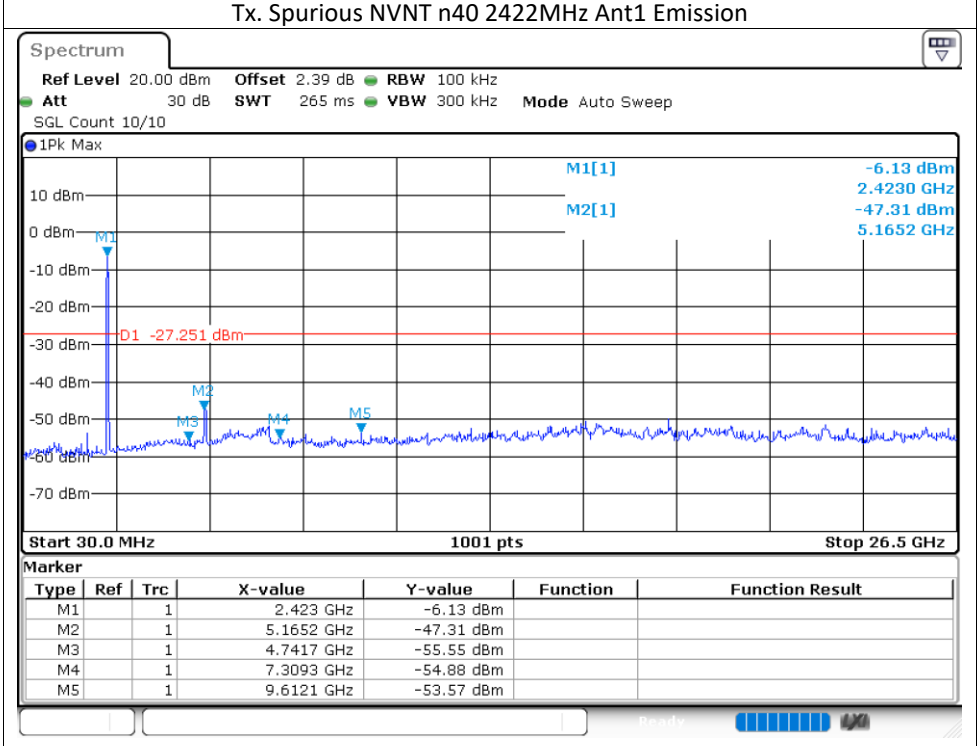
Tx. Spurious NVNT n40 2422MHz Ant1 Ref



Tx. Spurious NVNT n40 2422MHz Ant1 Emission



Tx. Spurious NVNT n40 2422MHz Ant1 Emission

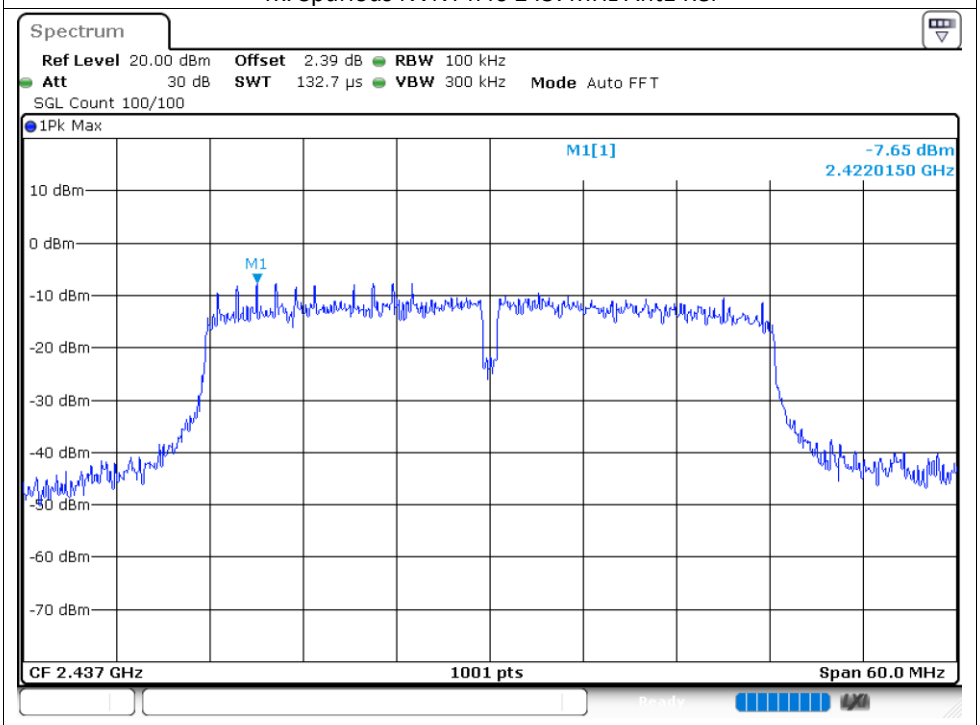


Marker

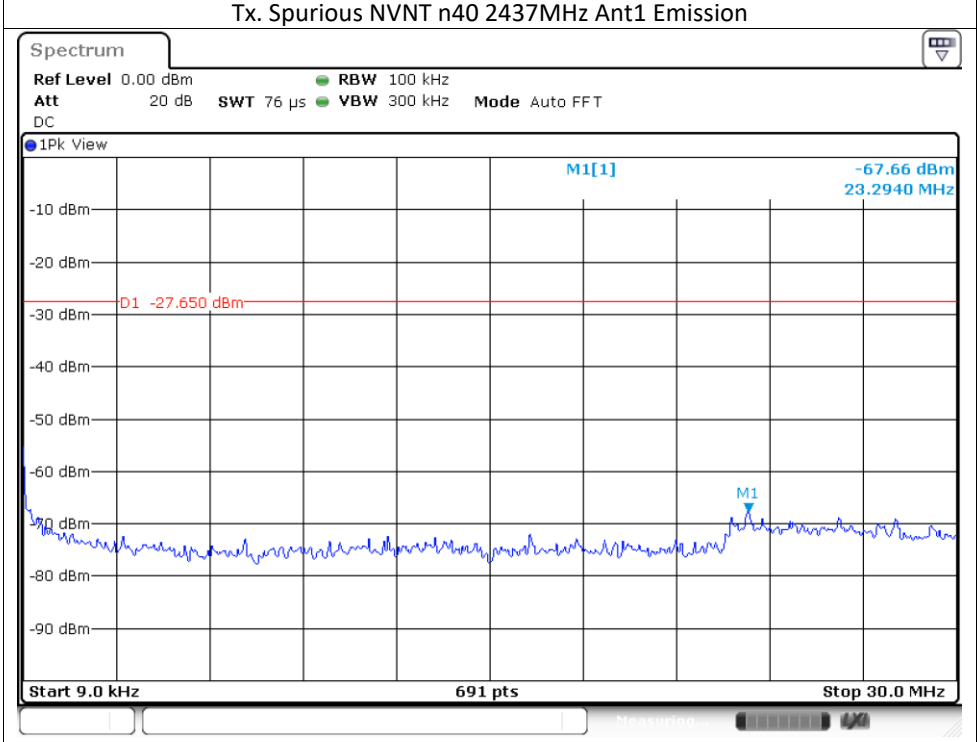
Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.423 GHz	-6.13 dBm		
M2		1	5.1652 GHz	-47.31 dBm		
M3		1	4.7417 GHz	-55.55 dBm		
M4		1	7.3093 GHz	-54.88 dBm		
M5		1	9.6121 GHz	-53.57 dBm		

Channel 06 (2437MHz)

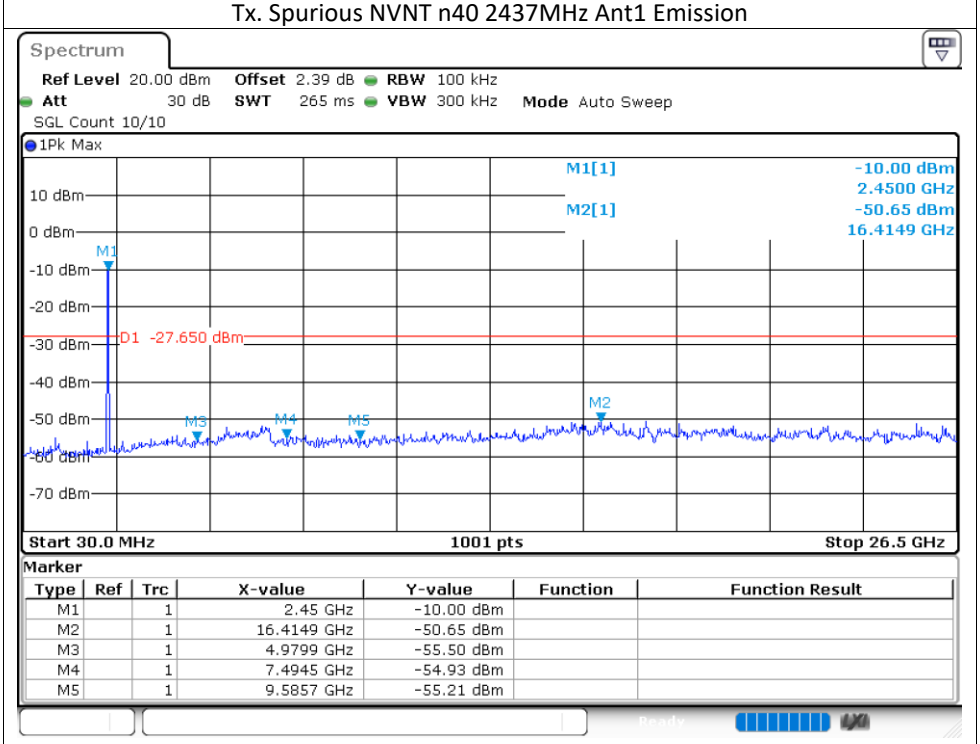
Tx. Spurious NVNT n40 2437MHz Ant1 Ref



Tx. Spurious NVNT n40 2437MHz Ant1 Emission



Tx. Spurious NVNT n40 2437MHz Ant1 Emission

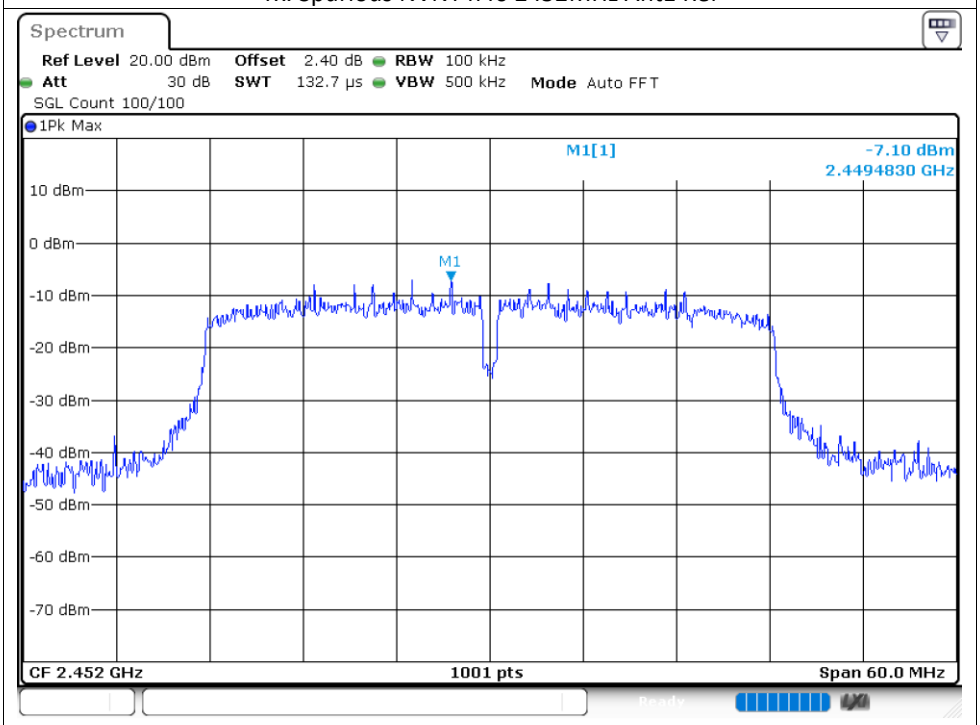


Marker

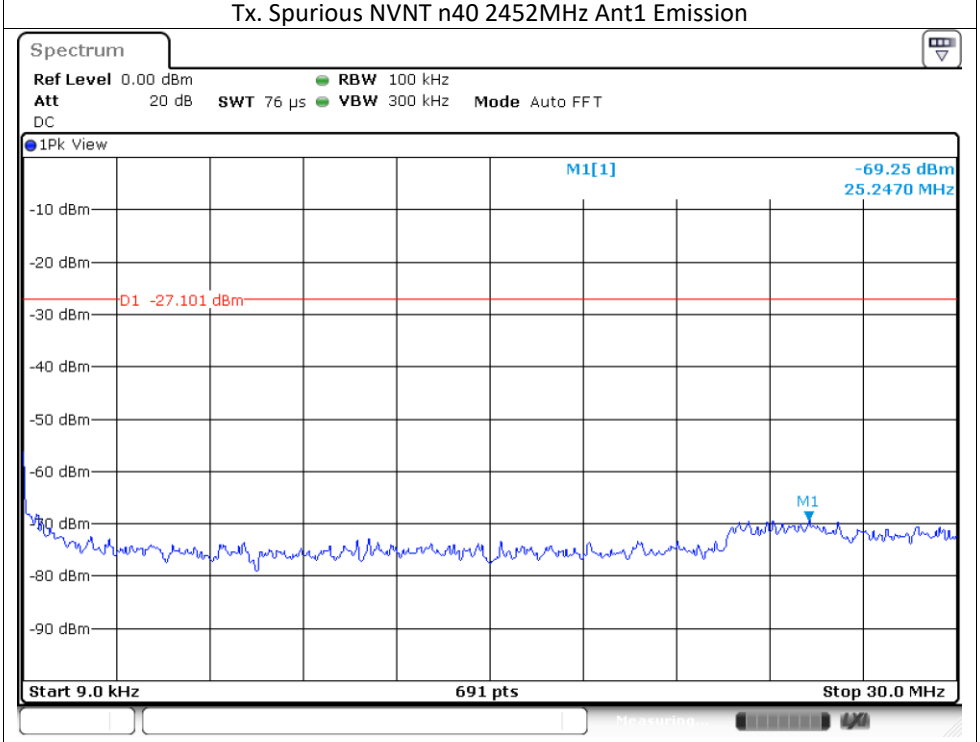
Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.45 GHz	-10.00 dBm		
M2		1	16.4149 GHz	-50.65 dBm		
M3		1	4.9799 GHz	-55.50 dBm		
M4		1	7.4945 GHz	-54.93 dBm		
M5		1	9.5857 GHz	-55.21 dBm		

Channel 11 (2452MHz)

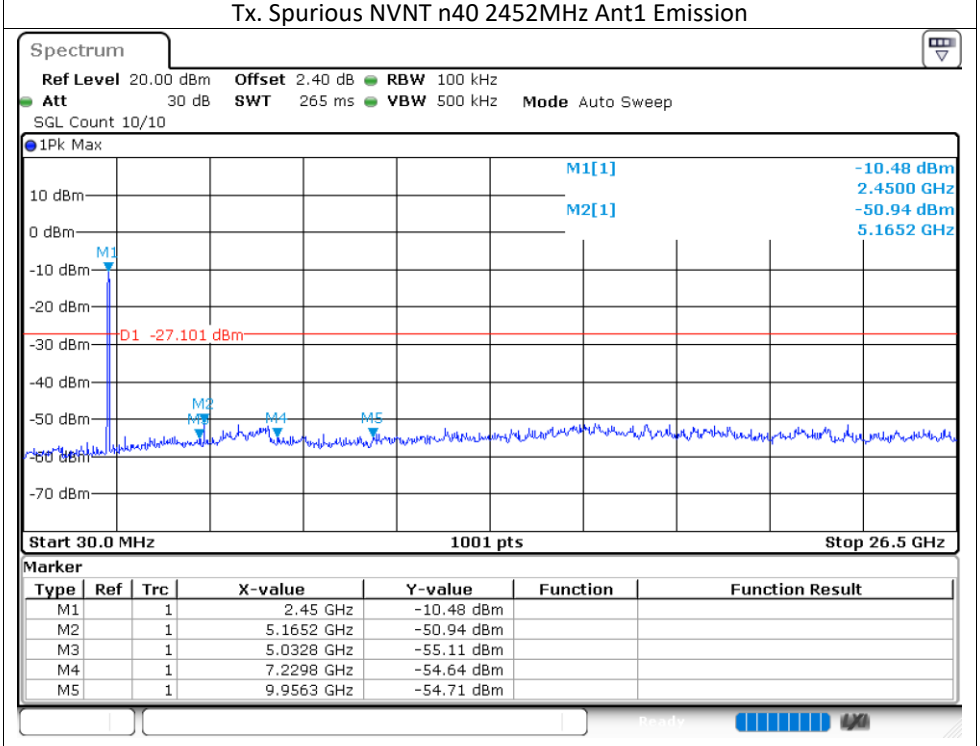
Tx. Spurious NVNT n40 2452MHz Ant1 Ref



Tx. Spurious NVNT n40 2452MHz Ant1 Emission



Tx. Spurious NVNT n40 2452MHz Ant1 Emission

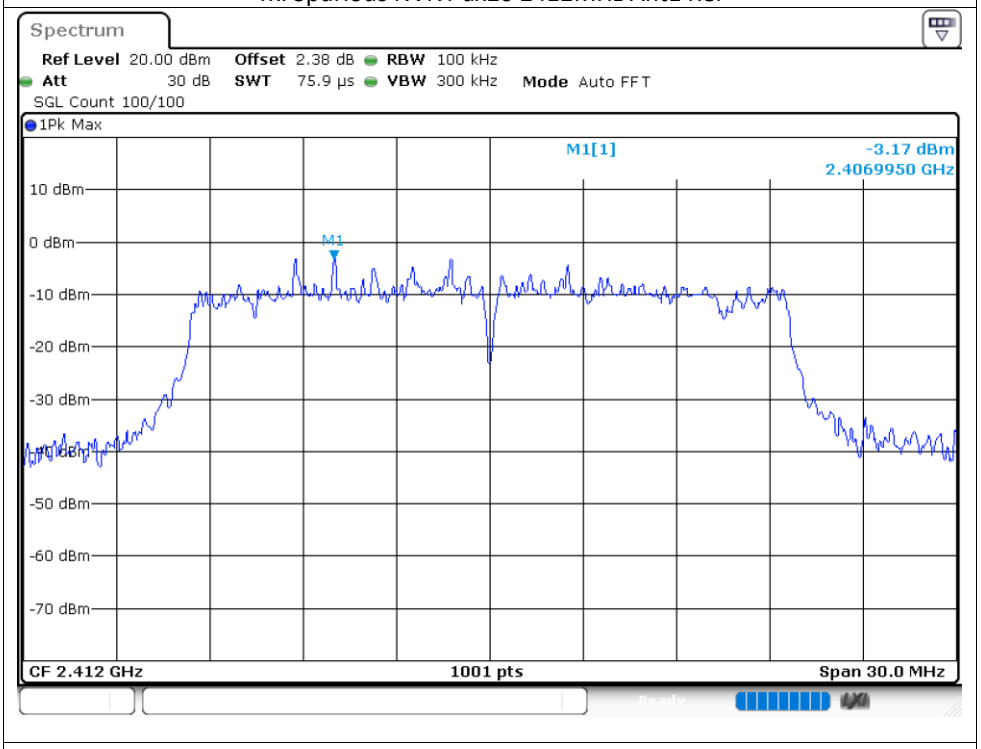


Marker

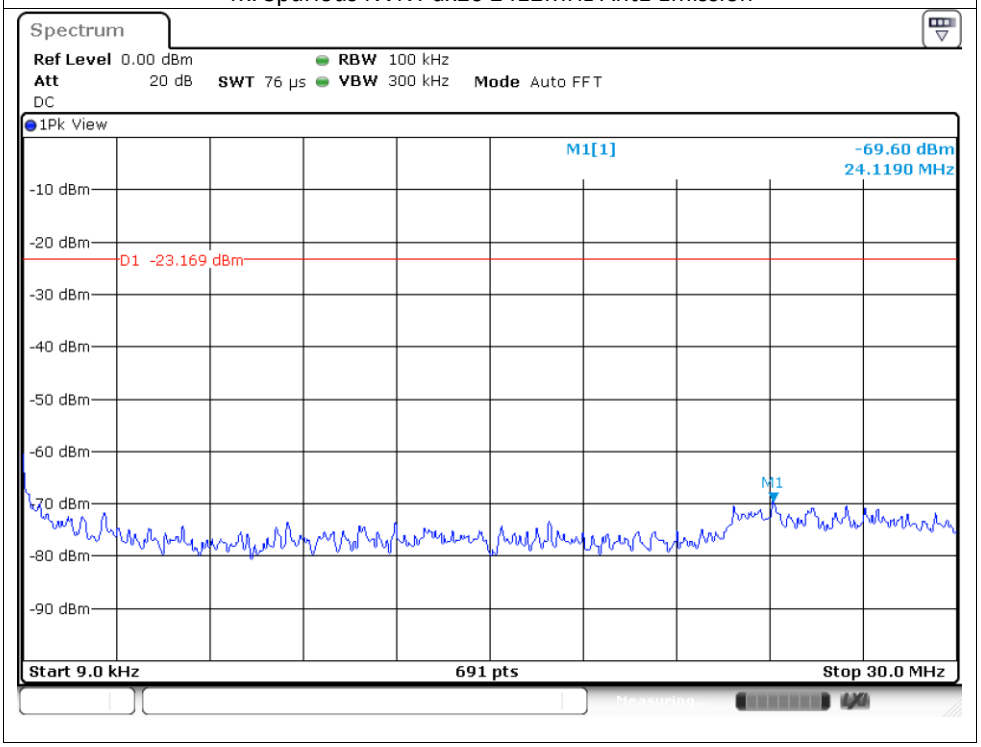
Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.45 GHz	-10.48 dBm		
M2		1	5.1652 GHz	-50.94 dBm		
M3		1	5.0328 GHz	-55.11 dBm		
M4		1	7.2298 GHz	-54.64 dBm		
M5		1	9.9563 GHz	-54.71 dBm		

802.11ax-VHT20
Channel 01 (2412MHz)

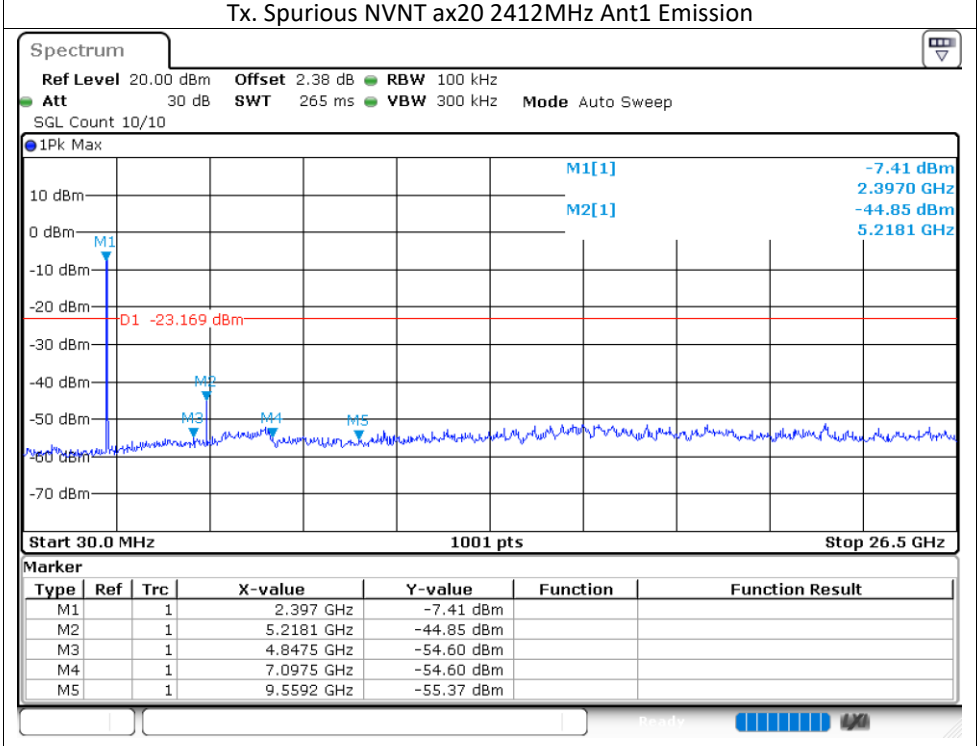
Tx. Spurious NVNT ax20 2412MHz Ant1 Ref



Tx. Spurious NVNT ax20 2412MHz Ant1 Emission



Tx. Spurious NVNT ax20 2412MHz Ant1 Emission

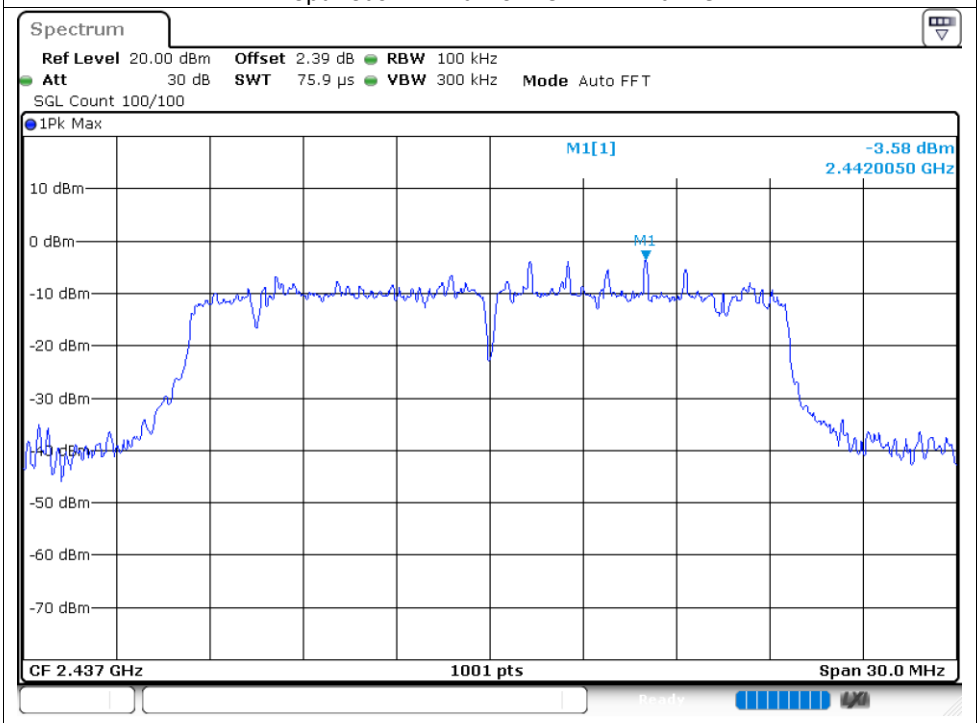


Marker

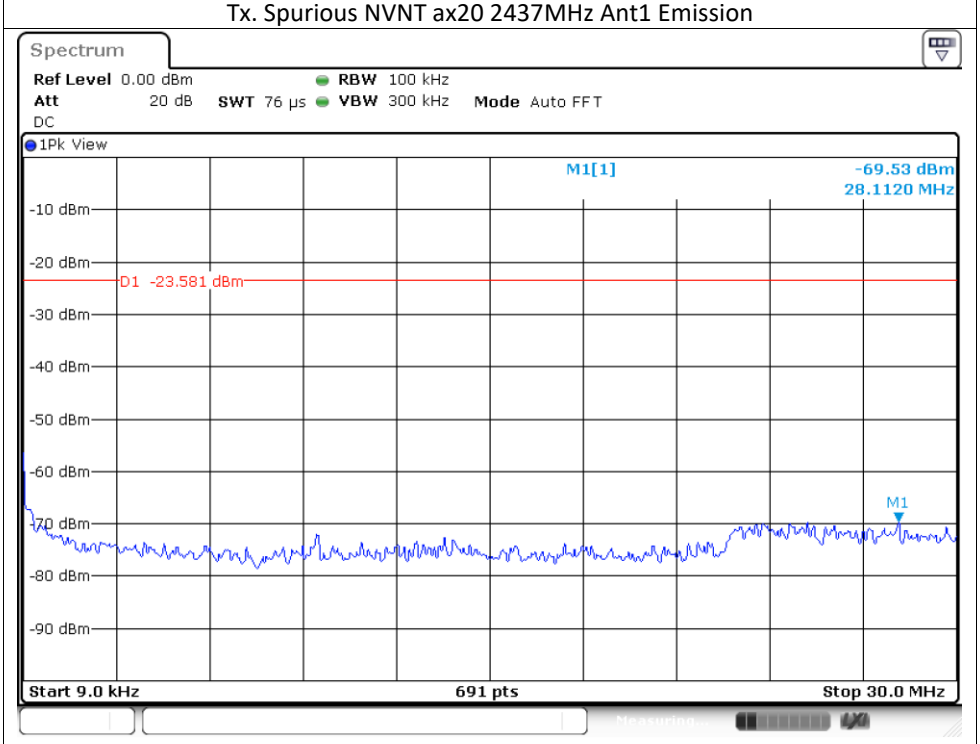
Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.397 GHz	-7.41 dBm		
M2		1	5.2181 GHz	-44.85 dBm		
M3		1	4.8475 GHz	-54.60 dBm		
M4		1	7.0975 GHz	-54.60 dBm		
M5		1	9.5592 GHz	-55.37 dBm		

Channel 06 (2437MHz)

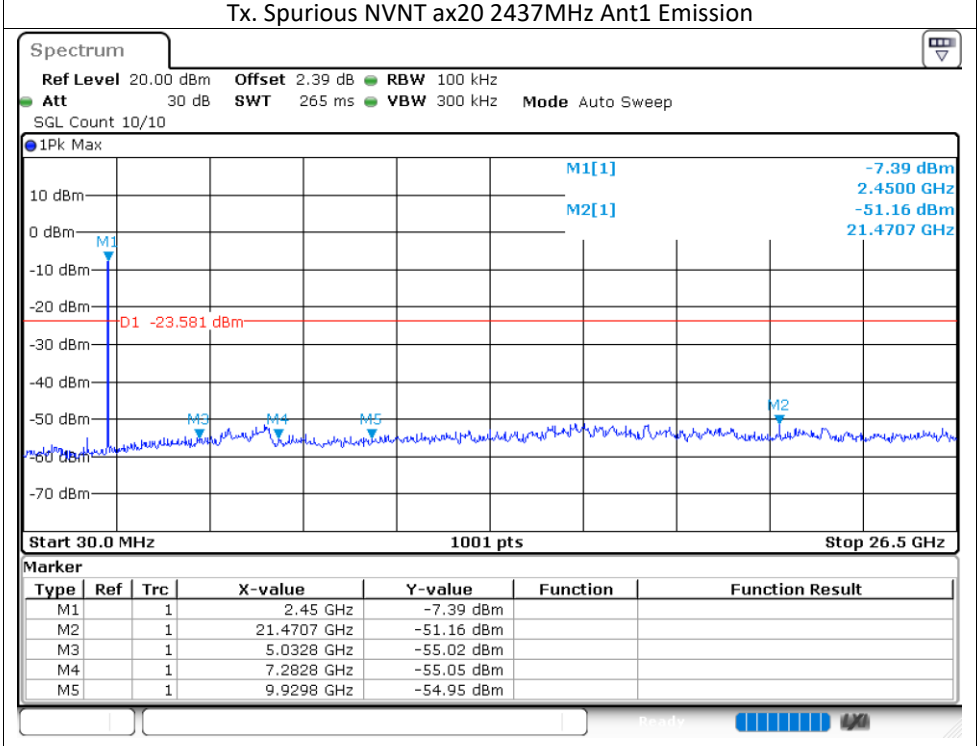
Tx. Spurious NVNT ax20 2437MHz Ant1 Ref



Tx. Spurious NVNT ax20 2437MHz Ant1 Emission



Tx. Spurious NVNT ax20 2437MHz Ant1 Emission



Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.45 GHz	-7.39 dBm		
M2		1	21.4707 GHz	-51.16 dBm		
M3		1	5.0328 GHz	-55.02 dBm		
M4		1	7.2828 GHz	-55.05 dBm		
M5		1	9.9298 GHz	-54.95 dBm		