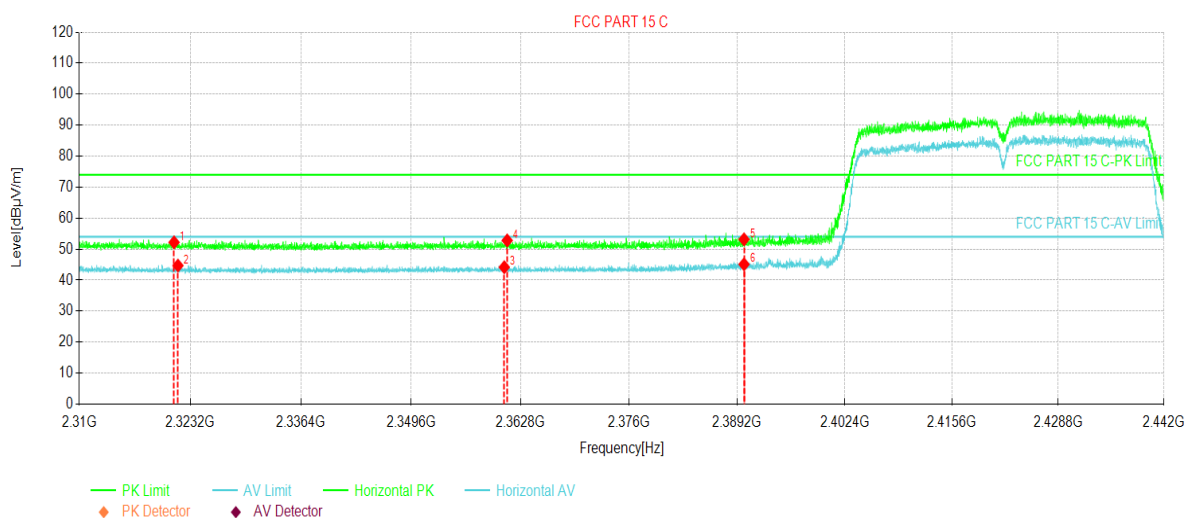


Product Name:	Countertop Payment Terminal	Product Model:	A80
Test By:	Mike	Test mode:	802.11n(HT40) Tx mode
Test Channel:	Lowest channel	Polarization:	Horizontal
Test Voltage:	AC 120/60Hz	Environment:	Temp: 24℃ Humi: 57%

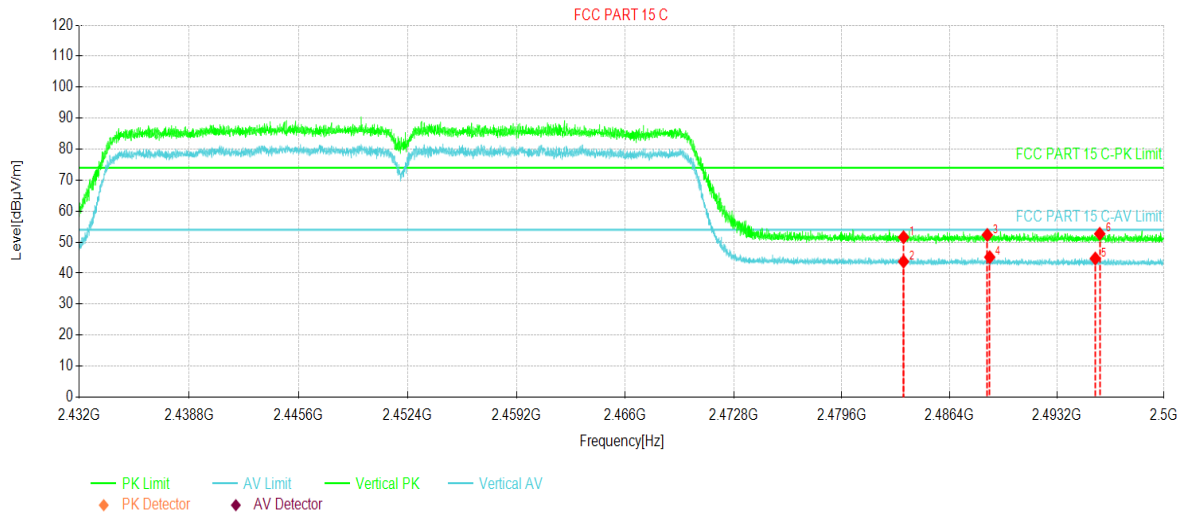


NO.	Freq. [MHz]	Reading [dBuV/m]	Level [dBuV/m]	Factor [dB]	Limit [dBuV/m]	Margin [dB]	Trace	Polarity
1	2321.25	45.41	52.19	6.78	74.00	21.81	PK	Horizontal
2	2321.71	37.93	44.71	6.78	54.00	9.29	AV	Horizontal
3	2360.85	37.20	44.17	6.97	54.00	9.83	AV	Horizontal
4	2361.19	45.82	52.80	6.98	74.00	21.20	PK	Horizontal
5	2390.02	45.94	53.16	7.22	74.00	20.84	PK	Horizontal
6	2390.02	37.90	45.12	7.22	54.00	8.88	AV	Horizontal

Remark:

- Final Level = Receiver Read level + Antenna Factor + Cable Loss – Preamplifier Factor.
- The emission levels of other frequencies are lower than the limit 20dB and not show in test report.

Product Name:	Countertop Payment Terminal	Product Model:	A80
Test By:	Mike	Test mode:	802.11n(HT40) Tx mode
Test Channel:	Highest channel	Polarization:	Vertical
Test Voltage:	AC 120/60Hz	Environment:	Temp: 24°C Humi: 57%

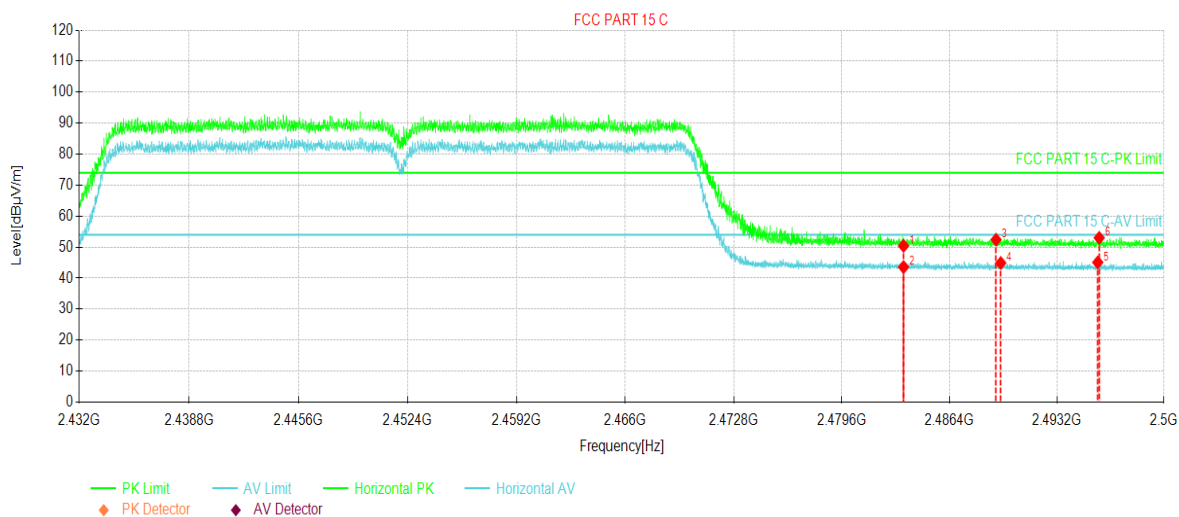


NO.	Freq. [MHz]	Reading [dBuV/m]	Level [dBuV/m]	Factor [dB]	Limit [dBuV/m]	Margin [dB]	Trace	Polarity
1	2483.50	44.08	51.58	7.50	74.00	22.42	PK	Vertical
2	2483.50	36.23	43.73	7.50	54.00	10.27	AV	Vertical
3	2488.79	44.86	52.32	7.46	74.00	21.68	PK	Vertical
4	2488.95	37.69	45.15	7.46	54.00	8.85	AV	Vertical
5	2495.63	37.30	44.72	7.42	54.00	9.28	AV	Vertical
6	2495.92	45.26	52.68	7.42	74.00	21.32	PK	Vertical

Remark:

- Final Level = Receiver Read level + Antenna Factor + Cable Loss – Preamplifier Factor.
- The emission levels of other frequencies are lower than the limit 20dB and not show in test report.

Product Name:	Countertop Payment Terminal	Product Model:	A80
Test By:	Mike	Test mode:	802.11n(HT40) Tx mode
Test Channel:	Highest channel	Polarization:	Horizontal
Test Voltage:	AC 120/60Hz	Environment:	Temp: 24°C Huni: 57%



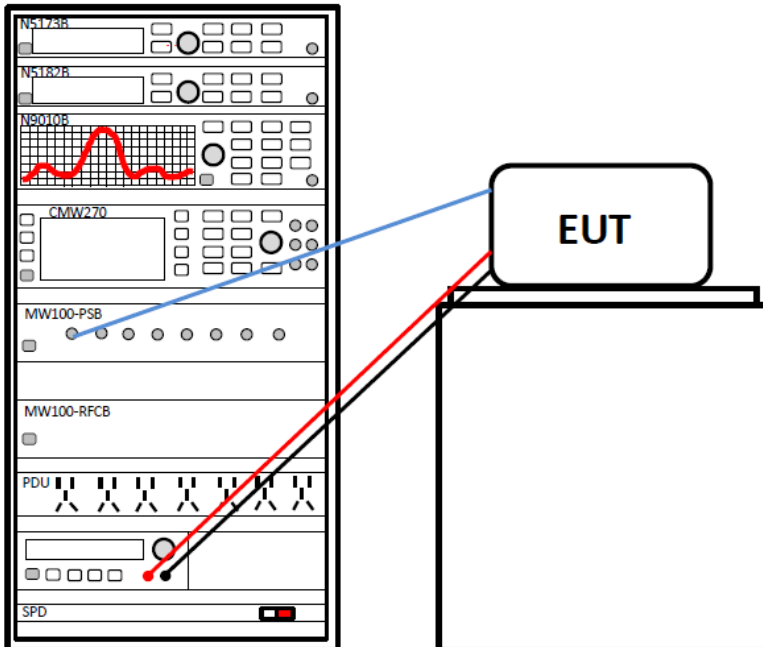
NO.	Freq. [MHz]	Reading [dBuV/m]	Level [dBuV/m]	Factor [dB]	Limit [dBuV/m]	Margin [dB]	Trace	Polarity
1	2483.50	42.92	50.42	7.50	74.00	23.58	PK	Horizontal
2	2483.50	36.07	43.57	7.50	54.00	10.43	AV	Horizontal
3	2489.34	44.94	52.40	7.46	74.00	21.60	PK	Horizontal
4	2489.64	37.42	44.88	7.46	54.00	9.12	AV	Horizontal
5	2495.79	37.66	45.08	7.42	54.00	8.92	AV	Horizontal
6	2495.88	45.58	53.00	7.42	74.00	21.00	PK	Horizontal

Remark:

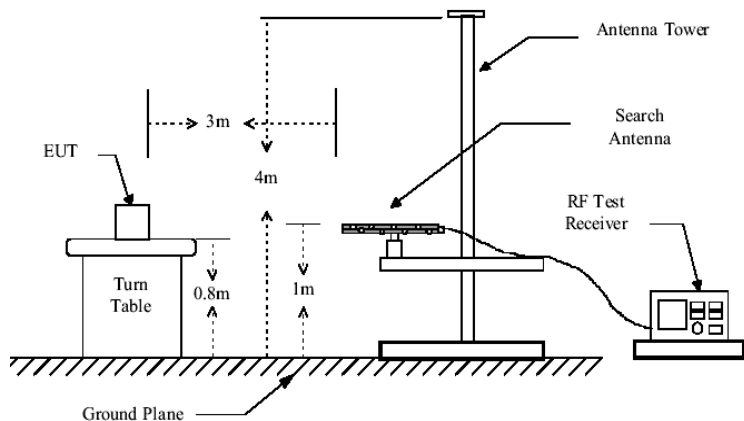
- Final Level = Receiver Read level + Antenna Factor + Cable Loss – Preamplifier Factor.
- The emission levels of other frequencies are lower than the limit 20dB and not show in test report.

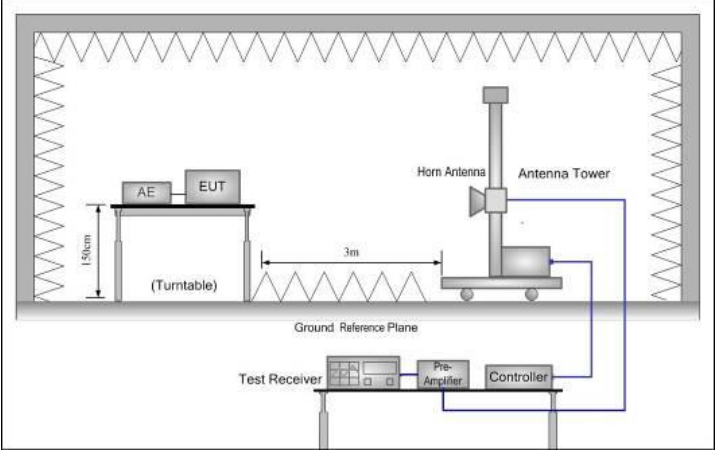
6.7 Spurious Emission

6.7.1 Conducted Emission Method

Test Requirement:	FCC Part 15 C Section 15.247 (d)
Limit:	In any 100 kHz bandwidth outside the frequency band in which the spread spectrum 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. If the transmitter complies with the conducted power limits based on the use of RMS averaging over a time interval, as permitted under paragraph(b)(3) of this section, the attenuation required under this paragraph shall be 30 dB instead of 20 dB.
Test setup:	
Test Instruments:	Refer to section 5.8 for details
Test mode:	Refer to section 5.3 for details
Test results:	Passed
Measurement Data:	Refer to Appendix A - 2.4G WIFI

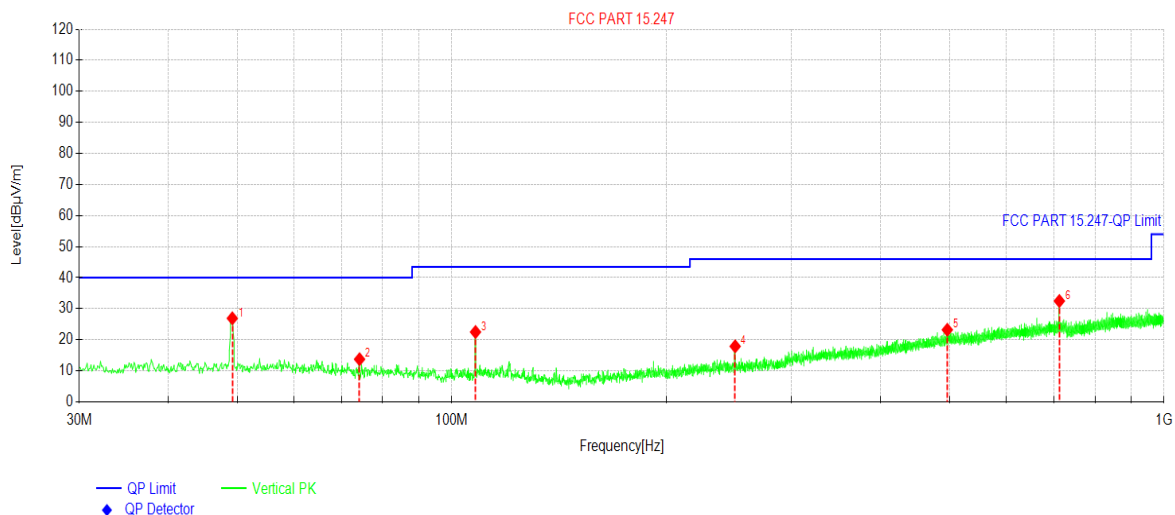
6.7.2 Radiated Emission Method

Test Requirement:	FCC Part 15 C Section 15.209 and 15.205				
Test Frequency Range:	9kHz to 25GHz				
Test Distance:	3m				
Receiver setup:	Frequency	Detector	RBW	VBW	Remark
	30MHz-1GHz	Quasi-peak	120KHz	300KHz	Quasi-peak Value
	Above 1GHz	Peak	1MHz	3MHz	Peak Value
RMS		1MHz	3MHz	Average Value	
Limit:	Frequency	Limit (dBuV/m @3m)			Remark
	30MHz-88MHz	40.0			Quasi-peak Value
	88MHz-216MHz	43.5			Quasi-peak Value
	216MHz-960MHz	46.0			Quasi-peak Value
	960MHz-1GHz	54.0			Quasi-peak Value
	Above 1GHz	54.0			Average Value
74.0			Peak Value		
Test Procedure:	1. The EUT was placed on the top of a rotating table 0.8m(below 1GHz)/1.5m(above 1GHz) above the ground at a 3 meter chamber. The table was rotated 360 degrees to determine the position of the highest radiation. 2. The EUT was set 3 meters away from the interference-receiving antenna, which was mounted on the top of a variable-height antenna tower. 3. The antenna height is varied from one meter to four meters above the ground to determine the maximum value of the field strength. Both horizontal and vertical polarizations of the antenna are set to make the measurement. 4. For each suspected emission, the EUT was arranged to its worst case and then the antenna was tuned to heights from 1 meter to 4 meters and the rota table was turned from 0 degrees to 360 degrees to find the maximum reading. 5. The test-receiver system was set to Peak Detect Function and Specified Bandwidth with Maximum Hold Mode. 6. If the emission level of the EUT in peak mode was 10dB lower than the limit specified, then testing could be stopped and the peak values of the EUT would be reported. Otherwise the emissions that did not have 10dB margin would be re-tested one by one using peak, quasi-peak or average method as specified and then reported in a data sheet.				
Test setup:	Below 1GHz				
					
Test setup:	Above 1GHz				
					

	
Test Instruments:	Refer to section 5.8 for details
Test mode:	Refer to section 5.3 for details
Test results:	Passed
Remark:	1. Pre-scan all kind of the place mode (X-axis, Y-axis, Z-axis), and found the Y-axis is the worst case. 2. 9 kHz to 30MHz is lower than the limit 20dB, so only shows the data of above 30MHz in this report. 3. Pre-scan adapter 1, adapter 2 and adapter 3, found adapter 1 was worse case mode, only reflects the worst mode

Measurement Data (worst case):
Below 1GHz:
Adapter 1:

Product Name:	Countertop Payment Terminal	Product Model:	A80
Test By:	Mike	Test mode:	Wi-Fi Tx mode
Test Frequency:	30 MHz ~ 1 GHz	Polarization:	Vertical
Test Voltage:	AC 120/60Hz	Environment:	Temp: 24°C Humi: 57%

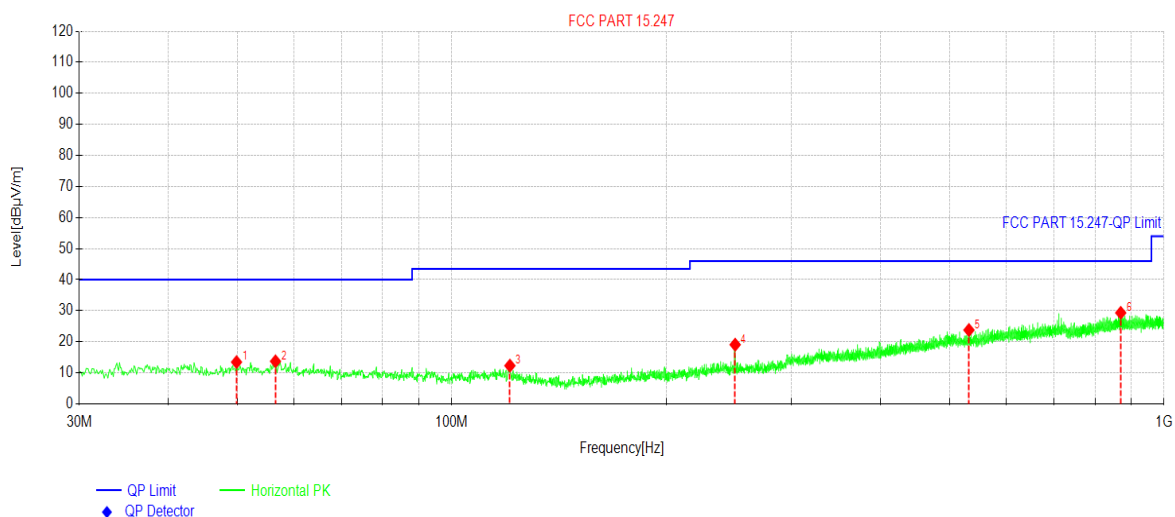


NO.	Freq. [MHz]	Reading[d BuV/m]	Level [dBuV/m]	Factor [dB]	Limit [dBuV/m]	Margin [dB]	Trace	Polarity
1	49.2079	41.66	26.90	-14.76	40.00	13.10	PK	Vertical
2	74.2364	30.80	13.73	-17.07	40.00	26.27	PK	Vertical
3	107.995	38.44	22.50	-15.94	43.50	21.00	PK	Vertical
4	250.018	31.67	17.88	-13.79	46.00	28.12	PK	Vertical
5	496.422	30.29	23.20	-7.09	46.00	22.80	PK	Vertical
6	713.142	36.61	32.48	-4.13	46.00	13.52	PK	Vertical

Remark:

- Final Level = Receiver Read level + Factor (Antenna Factor + Cable Loss – Preamplifier Factor).
- The emission levels of other frequencies are lower than the limit 20dB and not show in test report.

Product Name:	Countertop Payment Terminal	Product Model:	A80
Test By:	Mike	Test mode:	Wi-Fi Tx mode
Test Frequency:	30 MHz ~ 1 GHz	Polarization:	Horizontal
Test Voltage:	AC 120/60Hz	Environment:	Temp: 24℃ Humi: 57%



NO.	Freq. [MHz]	Reading [dBμV/m]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Trace	Polarity
1	49.8870	28.17	13.45	-14.72	40.00	26.55	PK	Horizontal
2	56.5807	28.44	13.70	-14.74	40.00	26.30	PK	Horizontal
3	120.704	28.42	12.30	-16.12	43.50	31.20	PK	Horizontal
4	250.018	32.85	19.06	-13.79	46.00	26.94	PK	Horizontal
5	532.316	30.62	23.77	-6.85	46.00	22.23	PK	Horizontal
6	869.522	30.74	29.32	-1.42	46.00	16.68	PK	Horizontal

Remark:

- Final Level = Receiver Read level + Factor (Antenna Factor + Cable Loss – Preamplifier Factor).
- The emission levels of other frequencies are lower than the limit 20dB and not show in test report.

Above 1GHz

802.11b						
Test channel: Lowest channel						
Detector: Peak Value						
Frequency (MHz)	Read Level (dBuV)	Factor(dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Margin (dB)	Polarization
4824.00	61.21	-9.46	51.75	74.00	22.25	Vertical
4824.00	59.77	-9.46	50.31	74.00	23.69	Horizontal
Detector: Average Value						
Frequency (MHz)	Read Level (dBuV)	Factor(dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Margin (dB)	Polarization
4824.00	59.57	-9.46	50.11	54.00	3.89	Vertical
4824.00	57.02	-9.46	47.56	54.00	6.44	Horizontal
Test channel: Middle channel						
Detector: Peak Value						
Frequency (MHz)	Read Level (dBuV)	Factor(dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Margin (dB)	Polarization
4874.00	60.86	-9.11	51.75	74.00	22.25	Vertical
4874.00	59.34	-9.11	50.23	74.00	23.77	Horizontal
Detector: Average Value						
Frequency (MHz)	Read Level (dBuV)	Factor(dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Margin (dB)	Polarization
4874.00	59.73	-9.11	50.62	54.00	3.38	Vertical
4874.00	56.78	-9.11	47.67	54.00	6.33	Horizontal
Test channel: Highest channel						
Detector: Peak Value						
Frequency (MHz)	Read Level (dBuV)	Factor(dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Margin (dB)	Polarization
4924.00	60.91	-8.74	52.17	74.00	21.83	Vertical
4924.00	59.20	-8.74	50.46	74.00	23.54	Horizontal
Detector: Average Value						
Frequency (MHz)	Read Level (dBuV)	Factor(dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Margin (dB)	Polarization
4924.00	60.08	-8.74	51.34	54.00	2.66	Vertical
4924.00	56.32	-8.74	47.58	54.00	6.42	Horizontal
Remark: 1. Final Level = Receiver Read level + Factor. 2. The emission levels of other frequencies are lower than the limit 20dB and not show in test report.						

802.11g						
Test channel: Lowest channel						
Detector: Peak Value						
Frequency (MHz)	Read Level (dBuV)	Factor(dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Margin (dB)	Polarization
4824.00	61.21	-9.46	51.75	74.00	22.25	Vertical
4824.00	59.29	-9.46	49.83	74.00	24.17	Horizontal
Detector: Average Value						
Frequency (MHz)	Read Level (dBuV)	Factor(dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Margin (dB)	Polarization
4824.00	59.86	-9.46	50.40	54.00	3.60	Vertical
4824.00	56.77	-9.46	47.31	54.00	6.69	Horizontal
Test channel: Middle channel						
Detector: Peak Value						
Frequency (MHz)	Read Level (dBuV)	Factor(dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Margin (dB)	Polarization
4874.00	61.15	-9.11	52.04	74.00	21.96	Vertical
4874.00	58.81	-9.11	49.70	74.00	24.30	Horizontal
Detector: Average Value						
Frequency (MHz)	Read Level (dBuV)	Factor(dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Margin (dB)	Polarization
4874.00	60.13	-9.11	51.02	54.00	2.98	Vertical
4874.00	56.58	-9.11	47.47	54.00	6.53	Horizontal
Test channel: Highest channel						
Detector: Peak Value						
Frequency (MHz)	Read Level (dBuV)	Factor(dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Margin (dB)	Polarization
4924.00	61.44	-8.74	52.70	74.00	21.30	Vertical
4924.00	58.61	-8.74	49.87	74.00	24.13	Horizontal
Detector: Average Value						
Frequency (MHz)	Read Level (dBuV)	Factor(dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Margin (dB)	Polarization
4924.00	60.48	-8.74	51.74	54.00	2.26	Vertical
4924.00	56.58	-8.74	47.84	54.00	6.16	Horizontal
Remark: 1. Final Level = Receiver Read level + Factor. 2. The emission levels of other frequencies are lower than the limit 20dB and not show in test report.						

802.11n(HT20)						
Test channel: Lowest channel						
Detector: Peak Value						
Frequency (MHz)	Read Level (dBuV)	Factor(dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Margin (dB)	Polarization
4824.00	61.69	-9.46	52.23	74.00	21.77	Vertical
4824.00	58.61	-9.46	49.15	74.00	24.85	Horizontal
Detector: Average Value						
Frequency (MHz)	Read Level (dBuV)	Factor(dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Margin (dB)	Polarization
4824.00	60.82	-9.46	51.36	54.00	2.64	Vertical
4824.00	56.43	-9.46	46.97	54.00	7.03	Horizontal
Test channel: Middle channel						
Detector: Peak Value						
Frequency (MHz)	Read Level (dBuV)	Factor(dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Margin (dB)	Polarization
4874.00	61.26	-9.11	52.15	74.00	21.85	Vertical
4874.00	58.12	-9.11	49.01	74.00	24.99	Horizontal
Detector: Average Value						
Frequency (MHz)	Read Level (dBuV)	Factor(dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Margin (dB)	Polarization
4874.00	60.57	-9.11	51.46	54.00	2.54	Vertical
4874.00	56.13	-9.11	47.02	54.00	6.98	Horizontal
Test channel: Highest channel						
Detector: Peak Value						
Frequency (MHz)	Read Level (dBuV)	Factor(dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Margin (dB)	Polarization
4924.00	61.36	-8.74	52.62	74.00	21.38	Vertical
4924.00	58.46	-8.74	49.72	74.00	24.28	Horizontal
Detector: Average Value						
Frequency (MHz)	Read Level (dBuV)	Factor(dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Margin (dB)	Polarization
4924.00	61.24	-8.74	52.50	54.00	1.50	Vertical
4924.00	56.16	-8.74	47.42	54.00	6.58	Horizontal
Remark: 1. Final Level = Receiver Read level + Factor. 2. The emission levels of other frequencies are lower than the limit 20dB and not show in test report.						

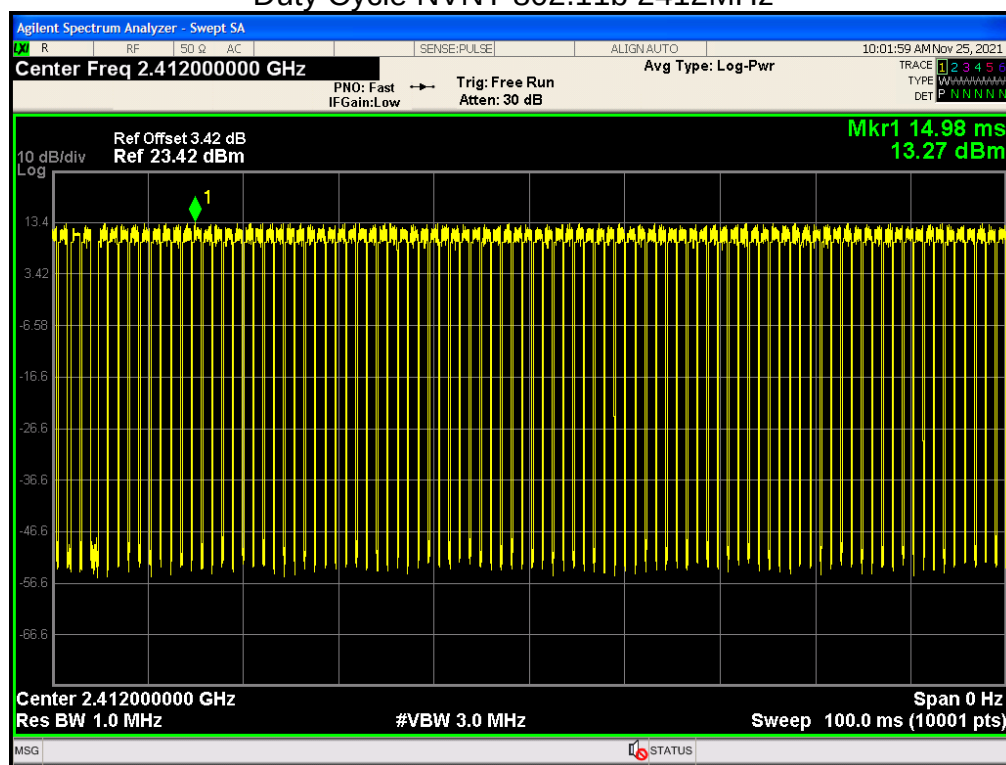
802.11n(HT40)						
Test channel: Lowest channel						
Detector: Peak Value						
Frequency (MHz)	Read Level (dBuV)	Factor(dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Margin (dB)	Polarization
4844.00	61.62	-9.32	52.30	74.00	21.70	Vertical
4844.00	58.60	-9.32	49.28	74.00	24.72	Horizontal
Detector: Average Value						
Frequency (MHz)	Read Level (dBuV)	Factor(dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Margin (dB)	Polarization
4844.00	60.70	-9.32	51.38	54.00	2.62	Vertical
4844.00	55.95	-9.32	46.63	54.00	7.37	Horizontal
Test channel: Middle channel						
Detector: Peak Value						
Frequency (MHz)	Read Level (dBuV)	Factor(dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Margin (dB)	Polarization
4874.00	61.87	-9.11	52.76	74.00	21.24	Vertical
4874.00	58.70	-9.11	49.59	74.00	24.41	Horizontal
Detector: Average Value						
Frequency (MHz)	Read Level (dBuV)	Factor(dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Margin (dB)	Polarization
4874.00	61.04	-9.11	51.93	54.00	2.07	Vertical
4874.00	55.87	-9.11	46.76	54.00	7.24	Horizontal
Test channel: Highest channel						
Detector: Peak Value						
Frequency (MHz)	Read Level (dBuV)	Factor(dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Margin (dB)	Polarization
4904.00	62.09	-8.90	53.19	74.00	20.81	Vertical
4904.00	58.89	-8.90	49.99	74.00	24.01	Horizontal
Detector: Average Value						
Frequency (MHz)	Read Level (dBuV)	Factor(dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Margin (dB)	Polarization
4904.00	60.83	-8.90	51.93	54.00	2.07	Vertical
4904.00	55.72	-8.90	46.82	54.00	7.18	Horizontal
Remark: 1. Final Level = Receiver Read level + Factor. 2. The emission levels of other frequencies are lower than the limit 20dB and not show in test report.						

Appendix A – 2.4G Wi-Fi

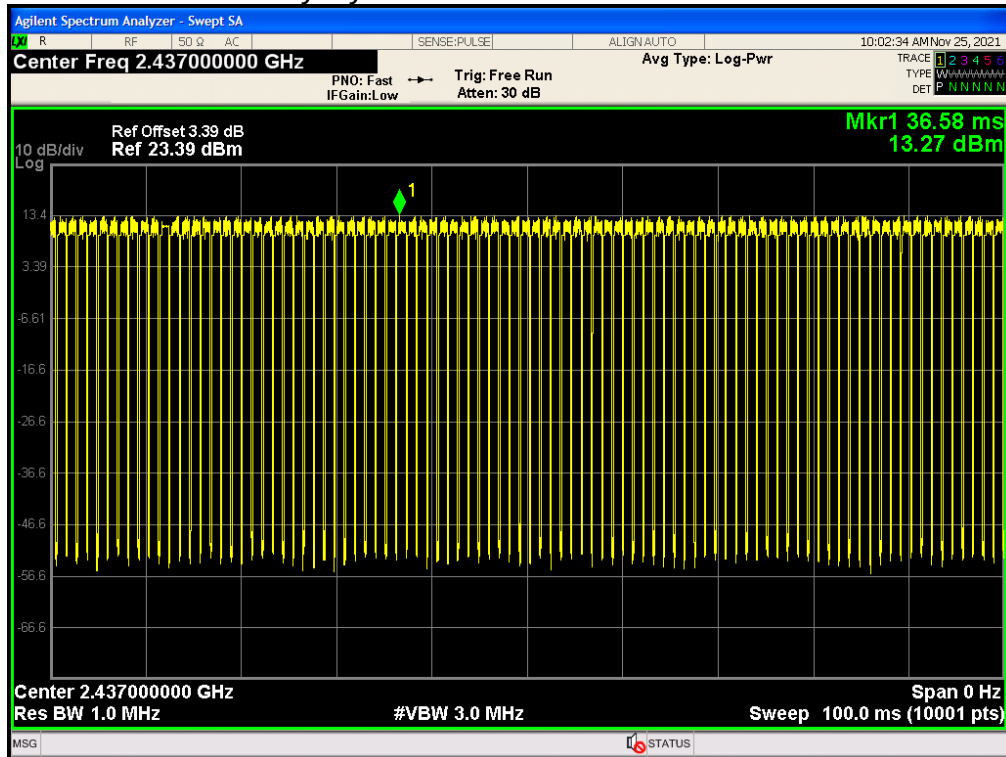
Duty Cycle

Condition	Mode	Frequency (MHz)	Duty Cycle (%)	Correction Factor (dB)
NVNT	802.11b	2412	85.42	0.68
NVNT	802.11b	2437	86.47	0.63
NVNT	802.11b	2462	86.58	0.63
NVNT	802.11g	2412	55.69	2.54
NVNT	802.11g	2437	55.72	2.54
NVNT	802.11g	2462	55.56	2.55
NVNT	802.11n(HT20)	2412	54.46	2.64
NVNT	802.11n(HT20)	2437	54.68	2.62
NVNT	802.11n(HT20)	2462	54.28	2.65
NVNT	802.11n(HT40)	2422	42.61	3.71
NVNT	802.11n(HT40)	2437	42.41	3.73
NVNT	802.11n(HT40)	2452	42.68	3.7

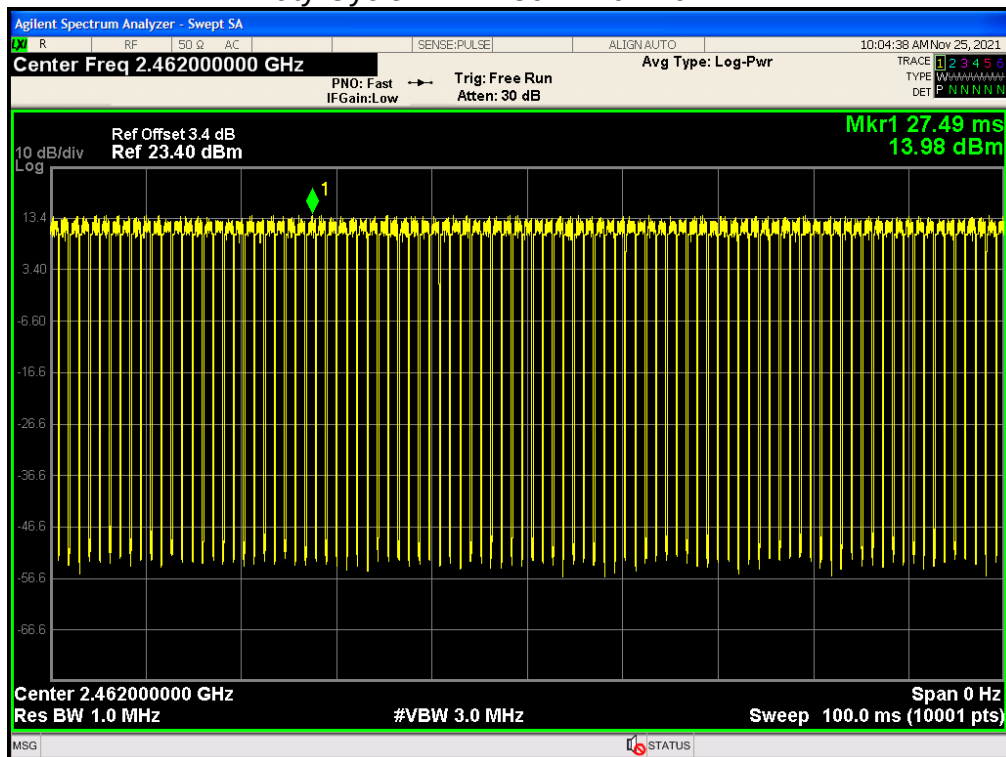
Duty Cycle NVNT 802.11b 2412MHz



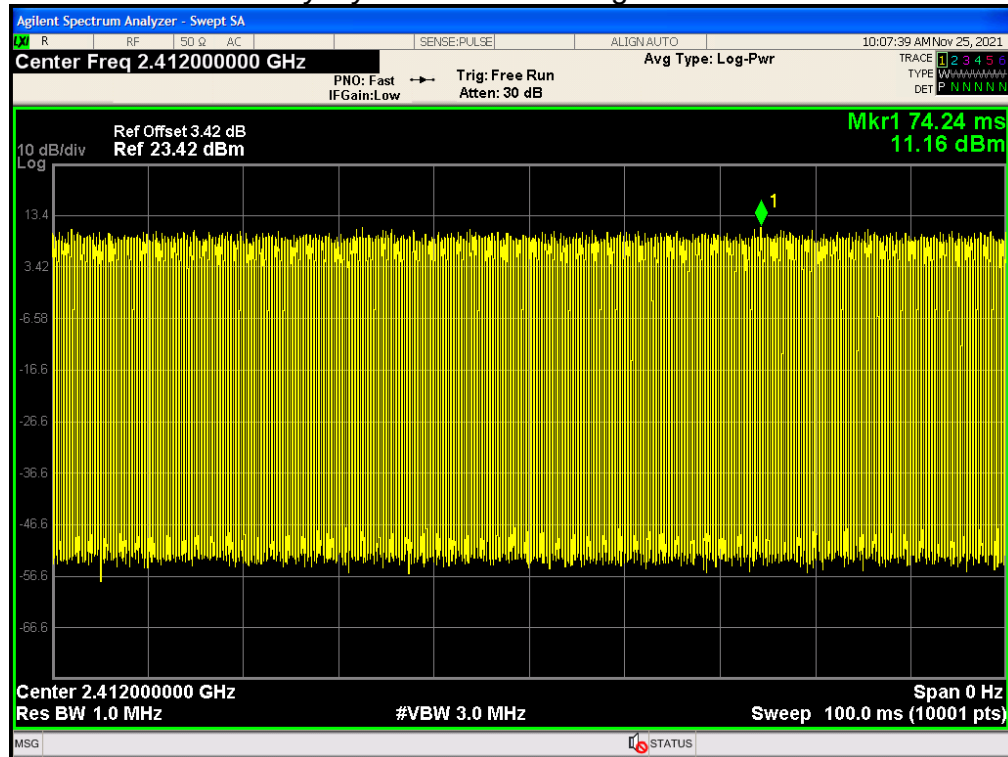
Duty Cycle NVNT 802.11b 2437MHz



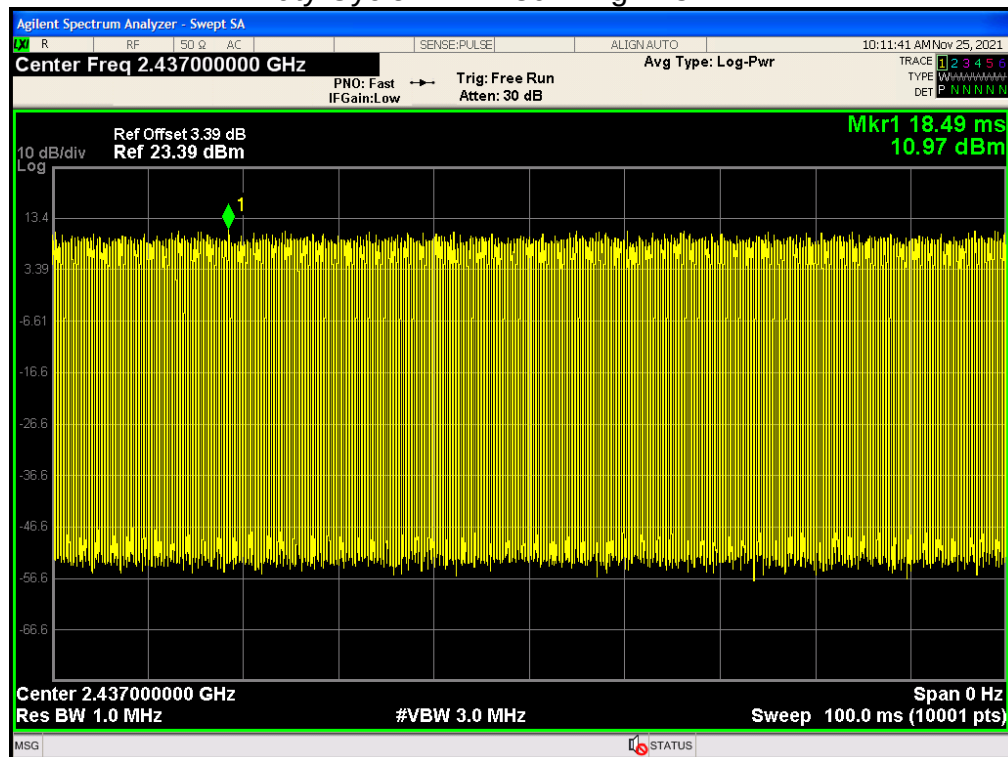
Duty Cycle NVNT 802.11b 2462MHz



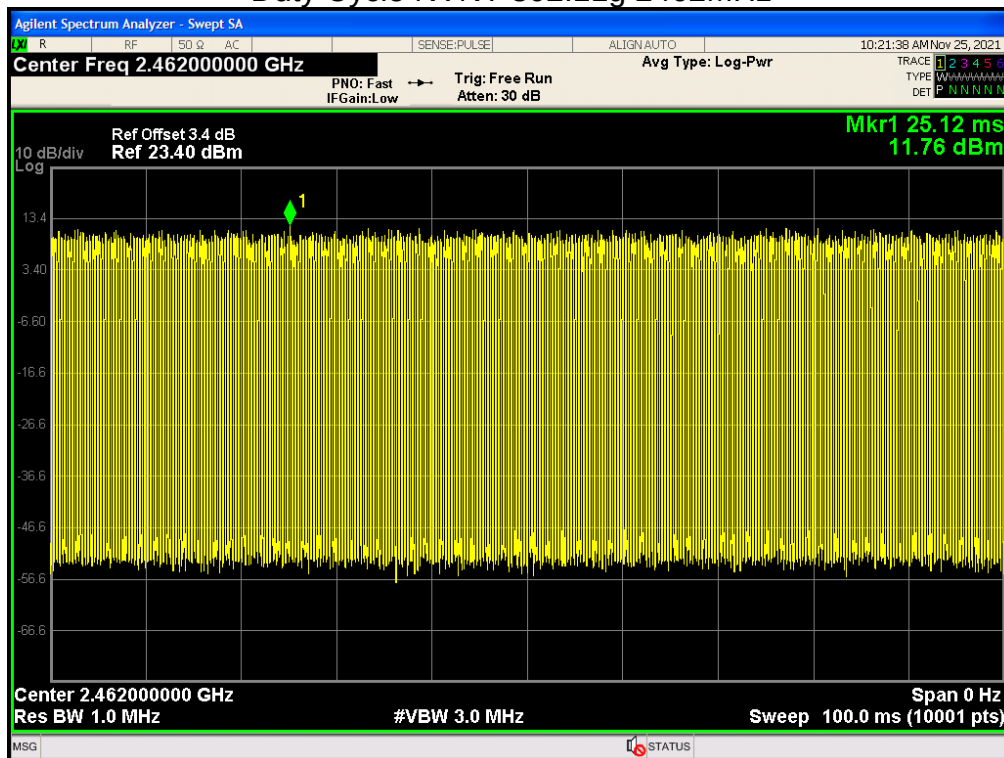
Duty Cycle NVNT 802.11g 2412MHz



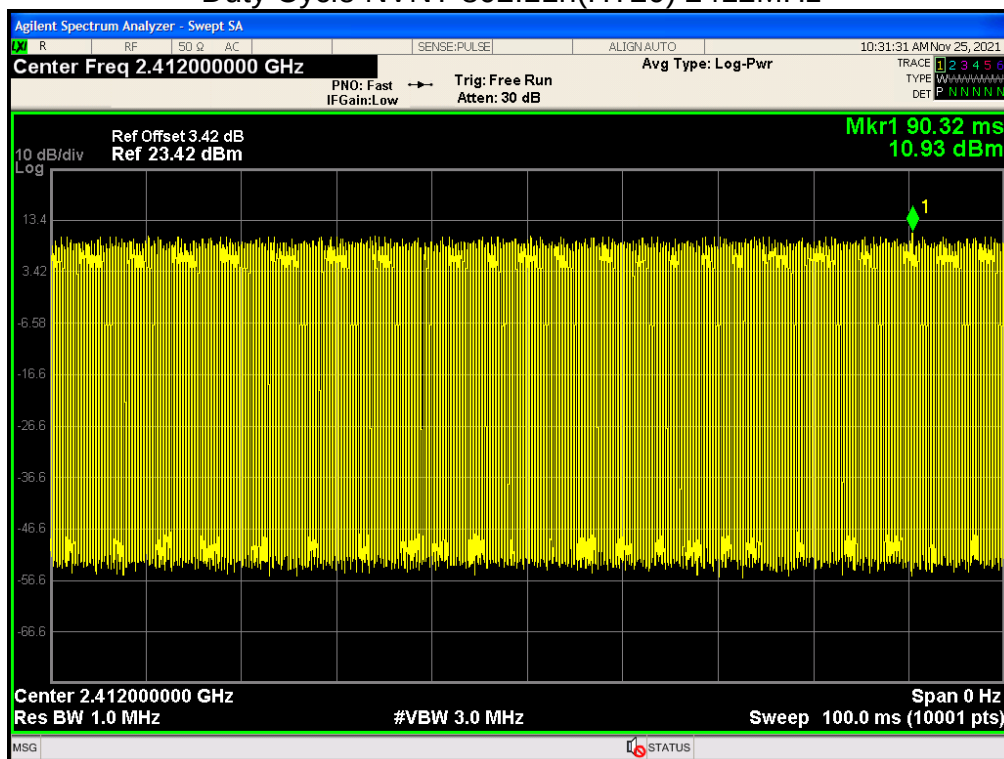
Duty Cycle NVNT 802.11g 2437MHz



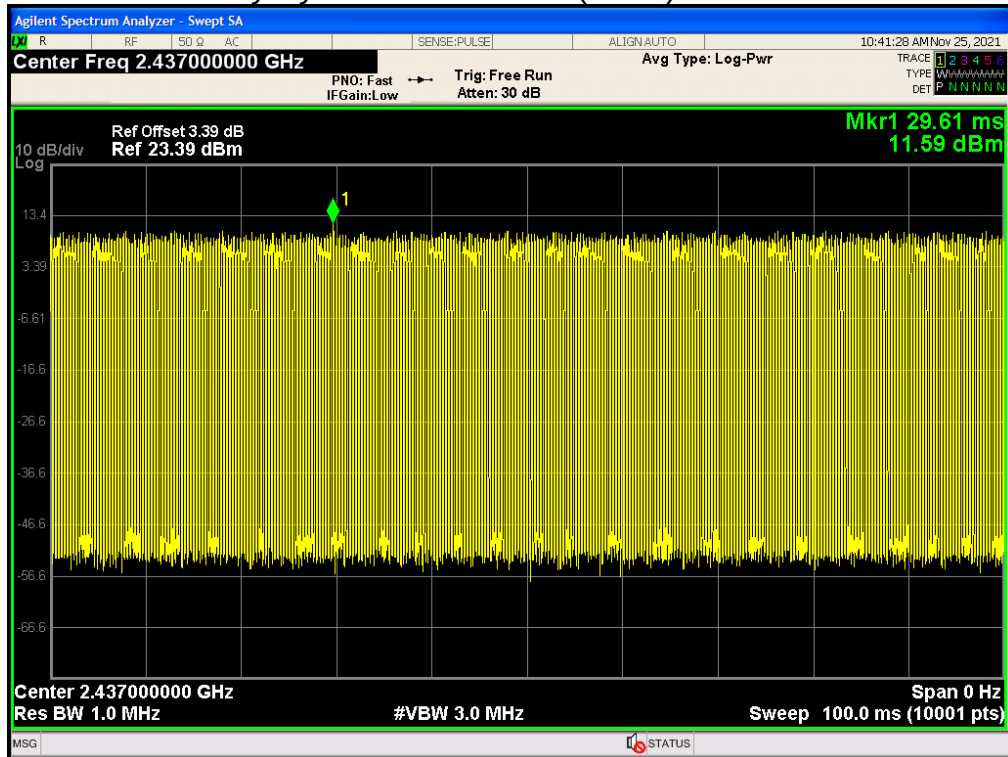
Duty Cycle NVNT 802.11g 2462MHz



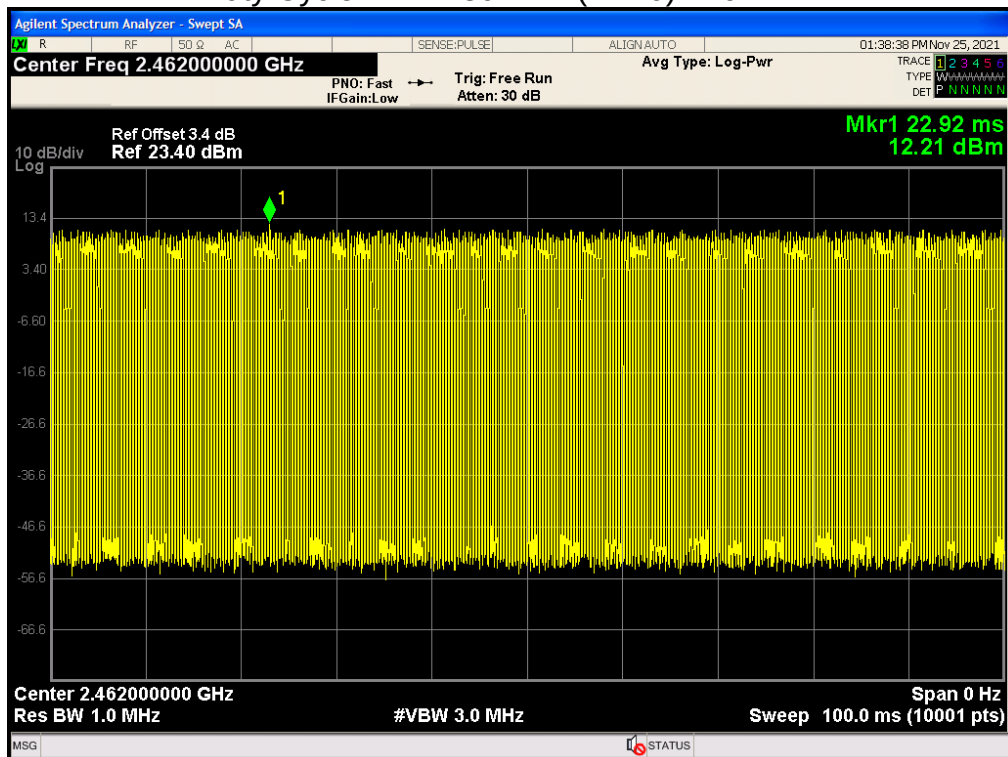
Duty Cycle NVNT 802.11n(HT20) 2412MHz



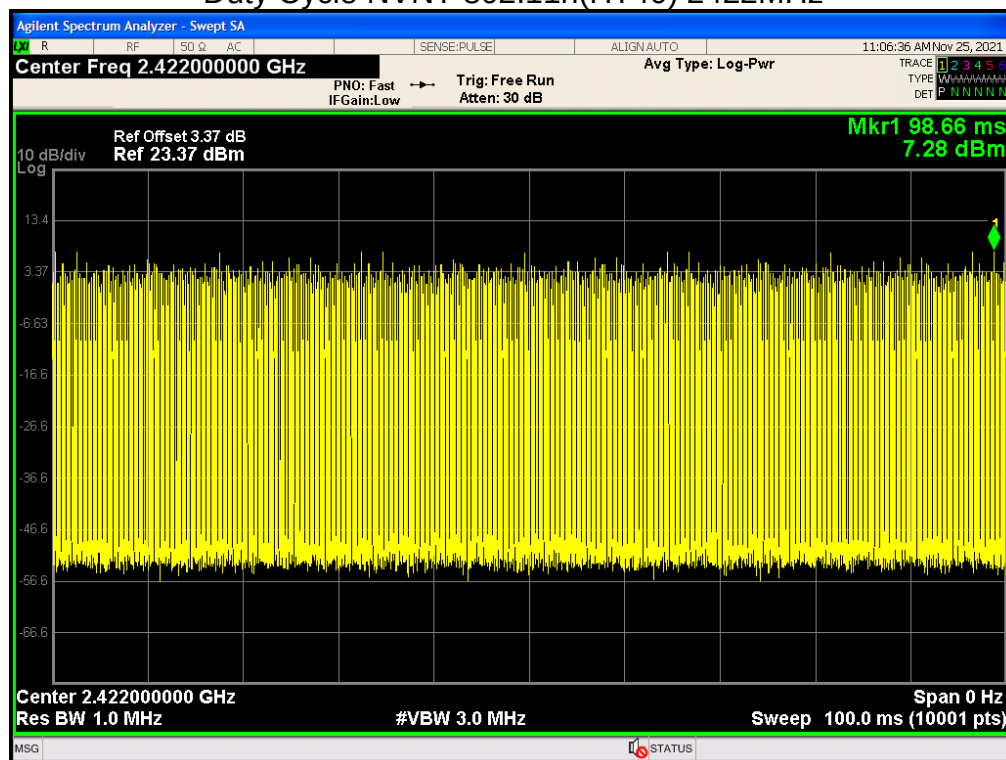
Duty Cycle NVNT 802.11n(HT20) 2437MHz



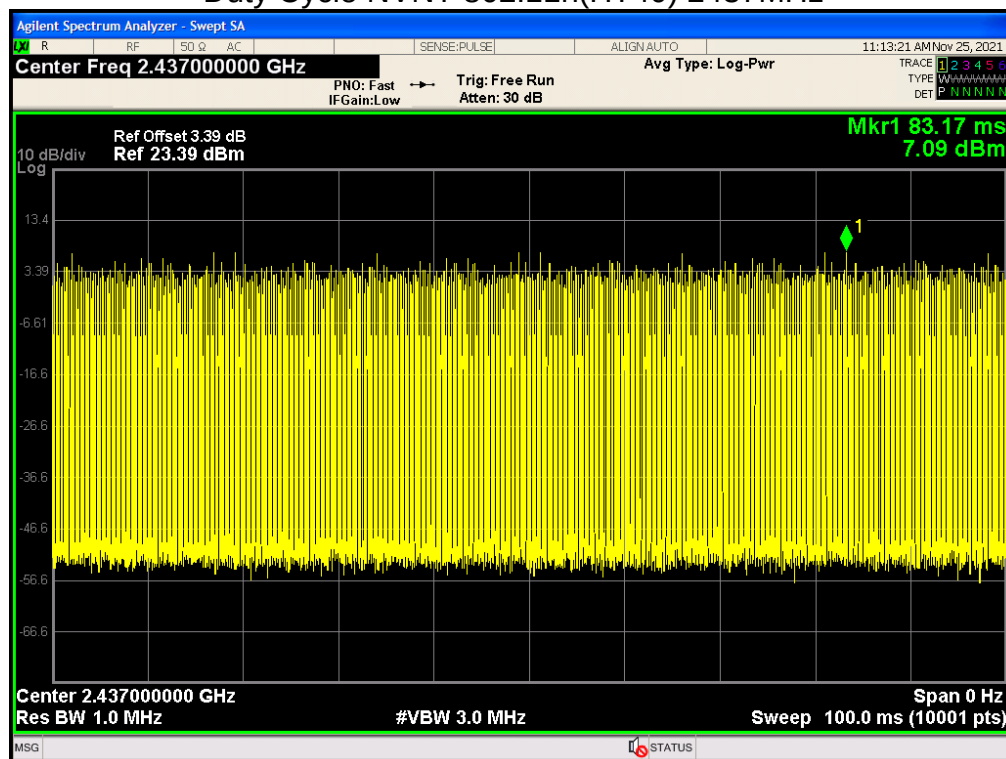
Duty Cycle NVNT 802.11n(HT20) 2462MHz



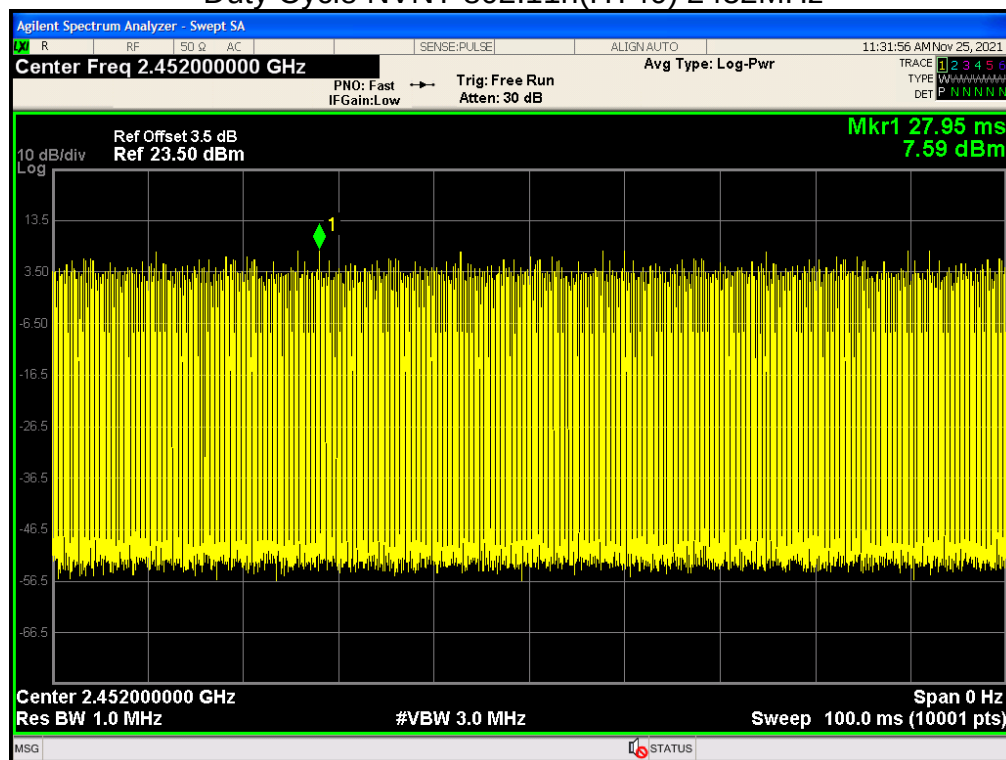
Duty Cycle NVNT 802.11n(HT40) 2422MHz



Duty Cycle NVNT 802.11n(HT40) 2437MHz



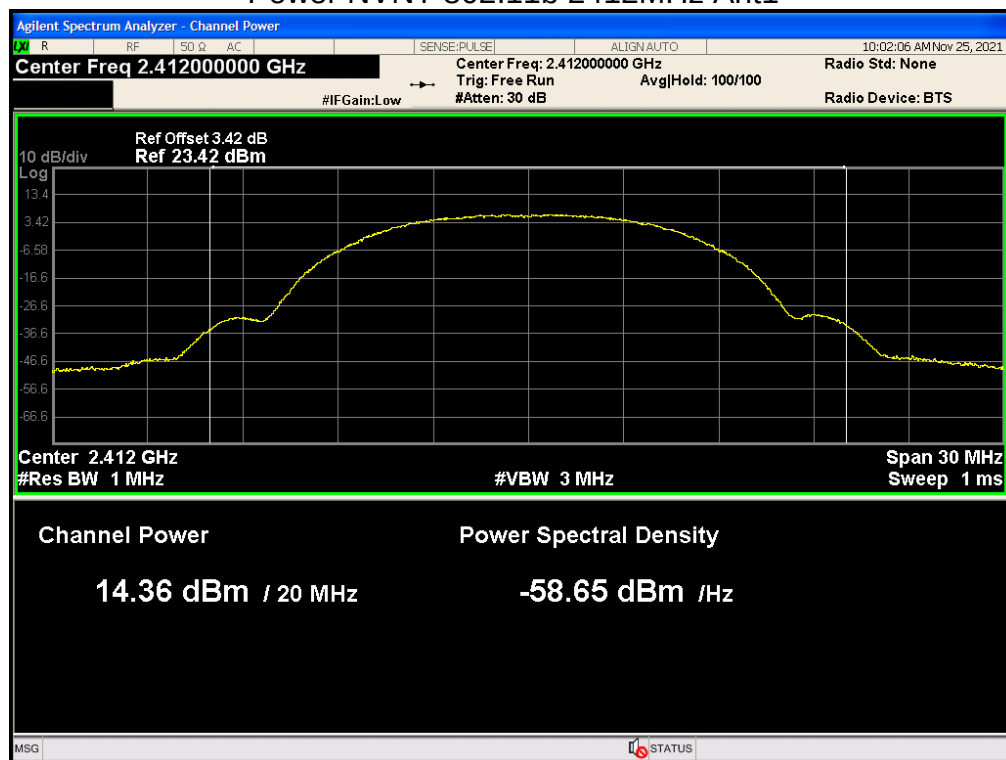
Duty Cycle NVNT 802.11n(HT40) 2452MHz



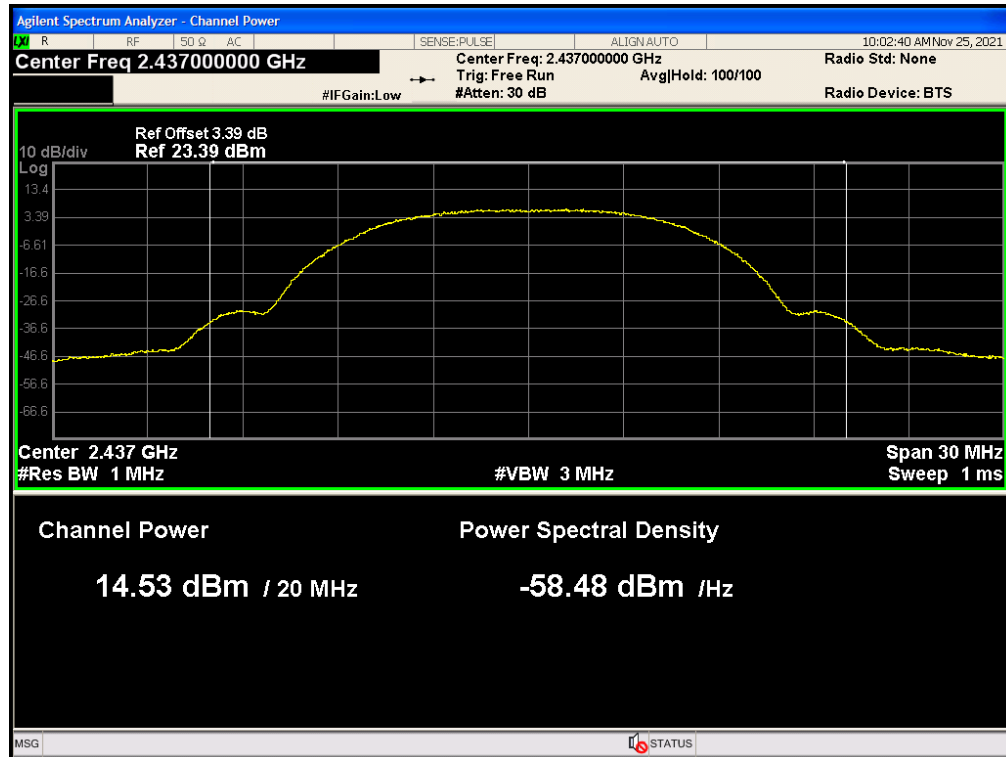
Maximum Conducted Output Power

Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Duty Factor (dB)	Total Power (dBm)	Limit (dBm)	Verdict
NVNT	802.11b	2412	Ant 1	14.359	0.68	15.039	30	Pass
NVNT	802.11b	2437	Ant 1	14.527	0.63	15.157	30	Pass
NVNT	802.11b	2462	Ant 1	14.931	0.63	15.561	30	Pass
NVNT	802.11g	2412	Ant 1	11.87	2.54	14.41	30	Pass
NVNT	802.11g	2437	Ant 1	11.917	2.54	14.457	30	Pass
NVNT	802.11g	2462	Ant 1	12.505	2.55	15.055	30	Pass
NVNT	802.11n(HT20)	2412	Ant 1	11.872	2.64	14.512	30	Pass
NVNT	802.11n(HT20)	2437	Ant 1	11.851	2.62	14.471	30	Pass
NVNT	802.11n(HT20)	2462	Ant 1	12.751	2.65	15.401	30	Pass
NVNT	802.11n(HT40)	2422	Ant 1	11.096	3.71	14.806	30	Pass
NVNT	802.11n(HT40)	2437	Ant 1	10.772	3.73	14.502	30	Pass
NVNT	802.11n(HT40)	2452	Ant 1	11.642	3.7	15.342	30	Pass

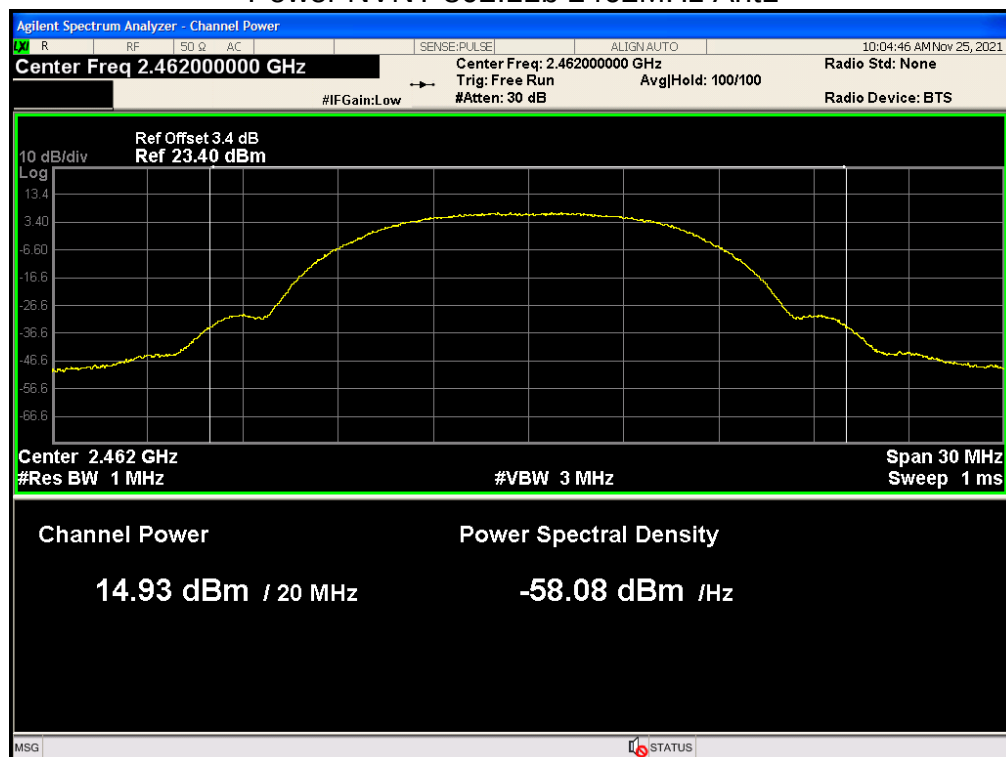
Power NVNT 802.11b 2412MHz Ant1



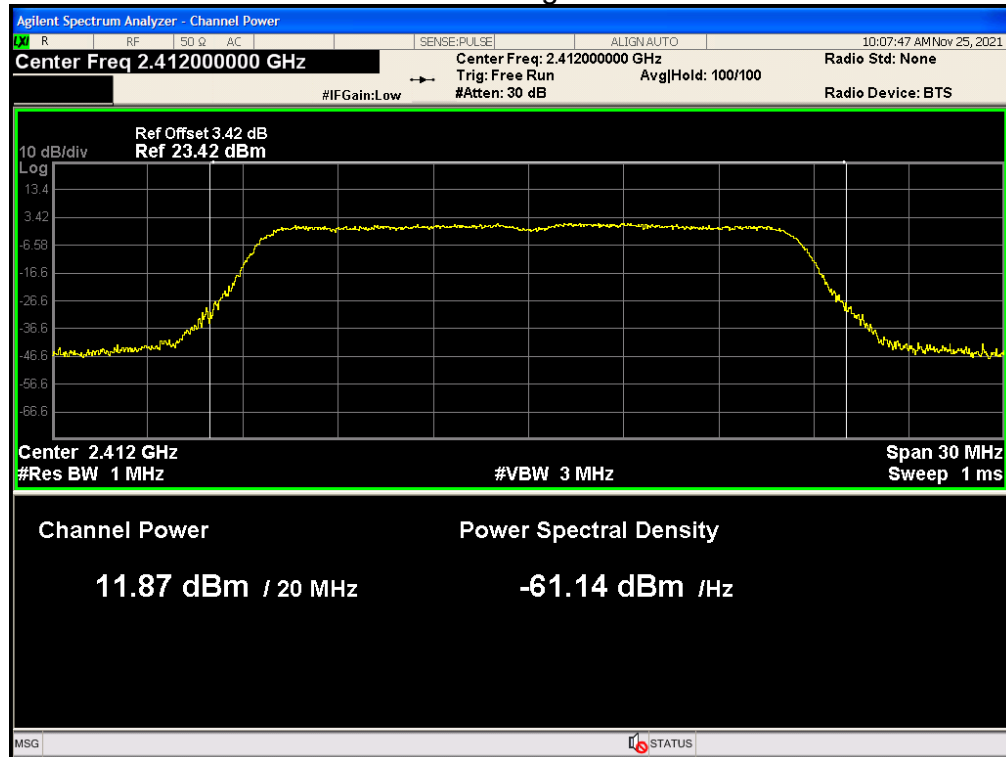
Power NVNT 802.11b 2437MHz Ant1



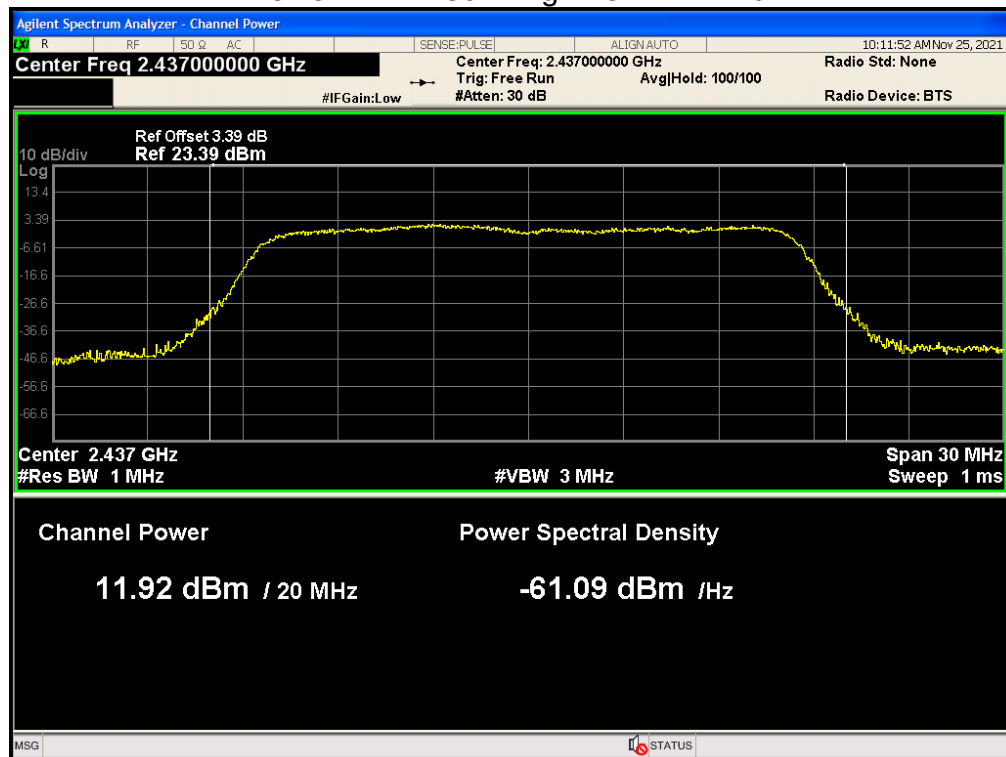
Power NVNT 802.11b 2462MHz Ant1



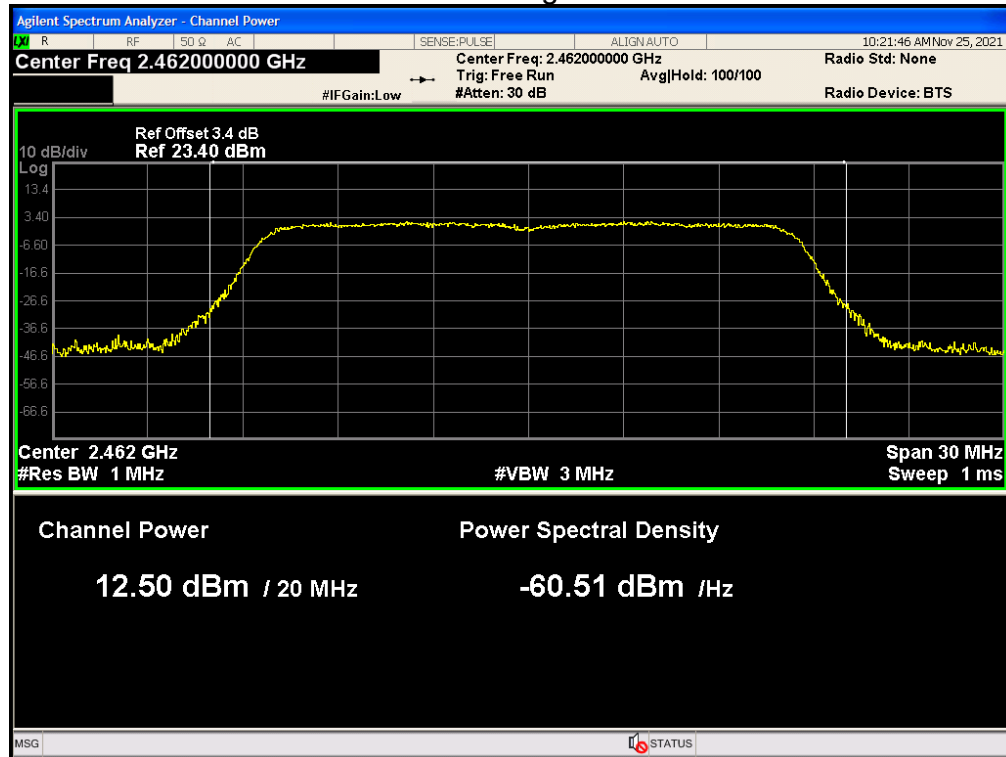
Power NVNT 802.11g 2412MHz Ant1



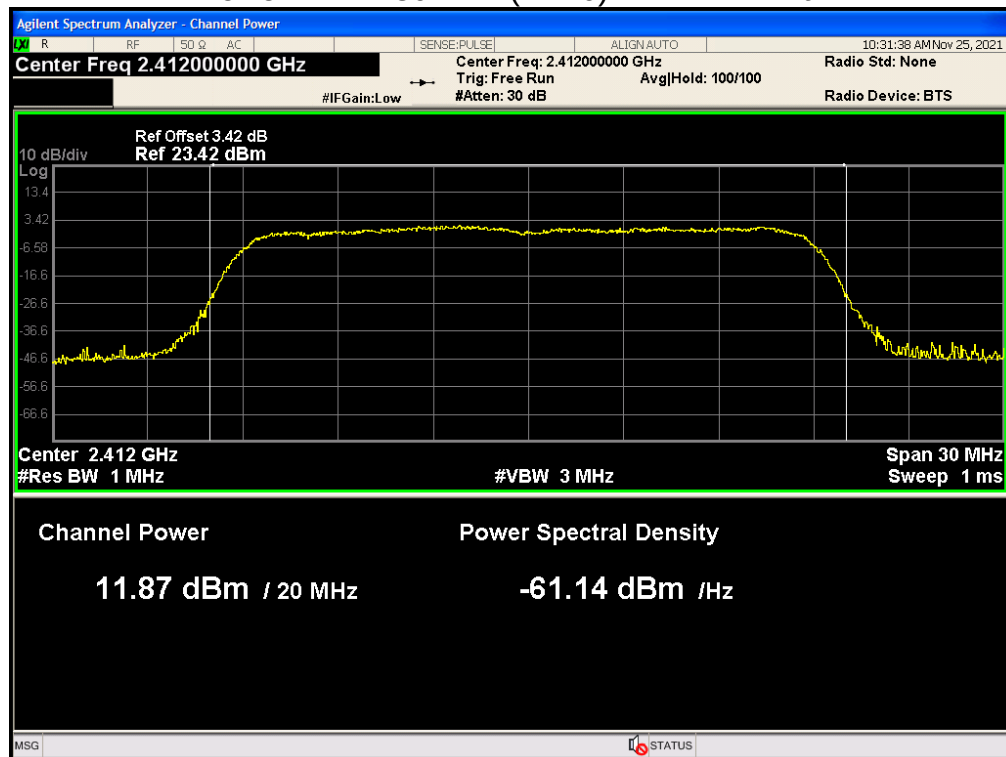
Power NVNT 802.11g 2437MHz Ant1



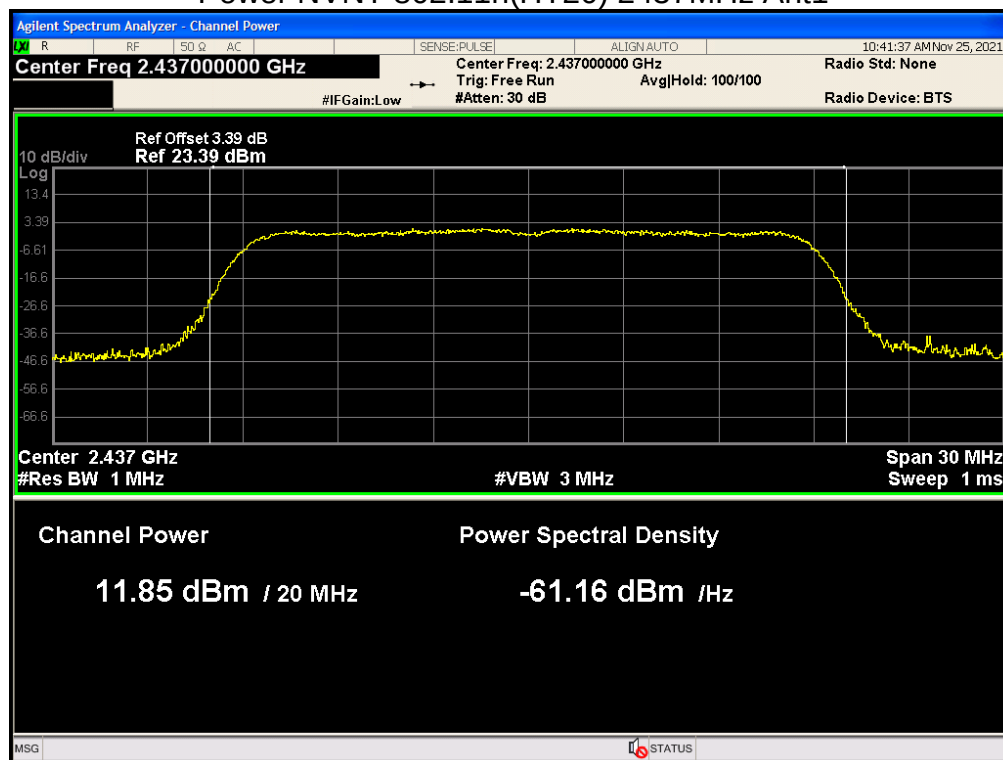
Power NVNT 802.11g 2462MHz Ant1



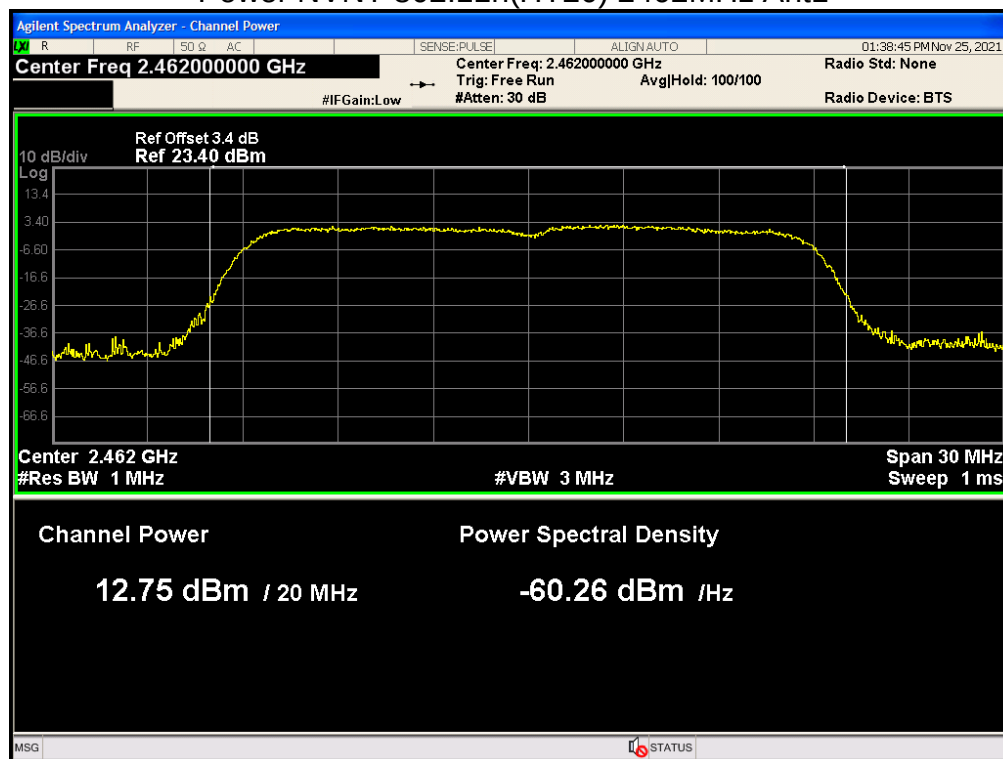
Power NVNT 802.11n(HT20) 2412MHz Ant1



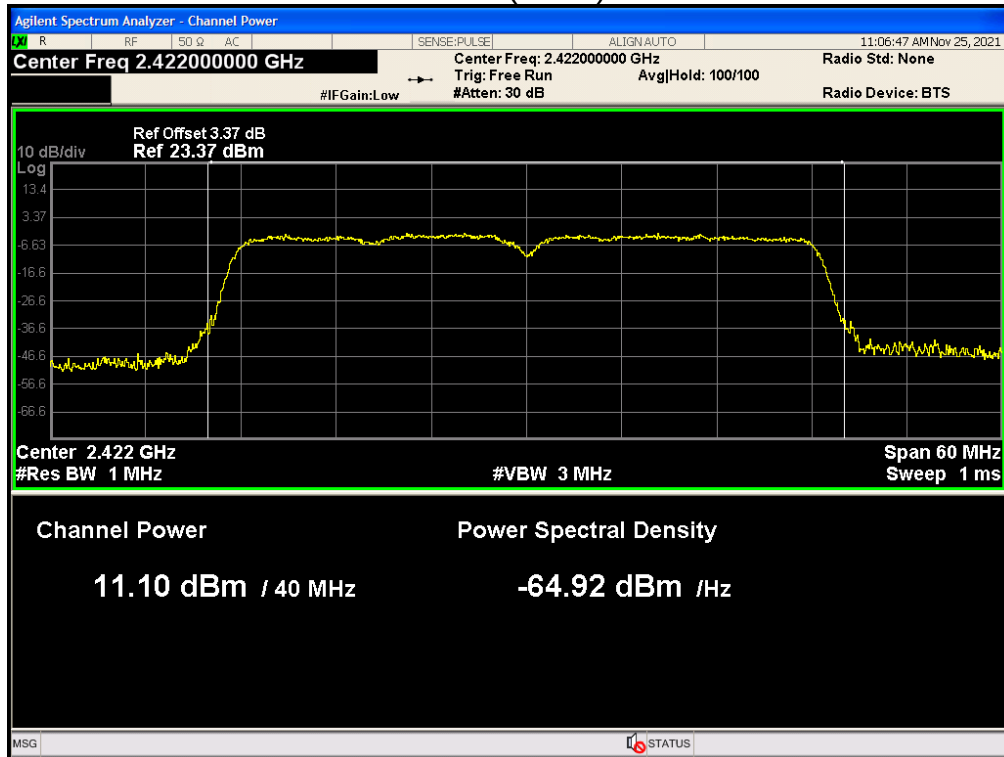
Power NVNT 802.11n(HT20) 2437MHz Ant1



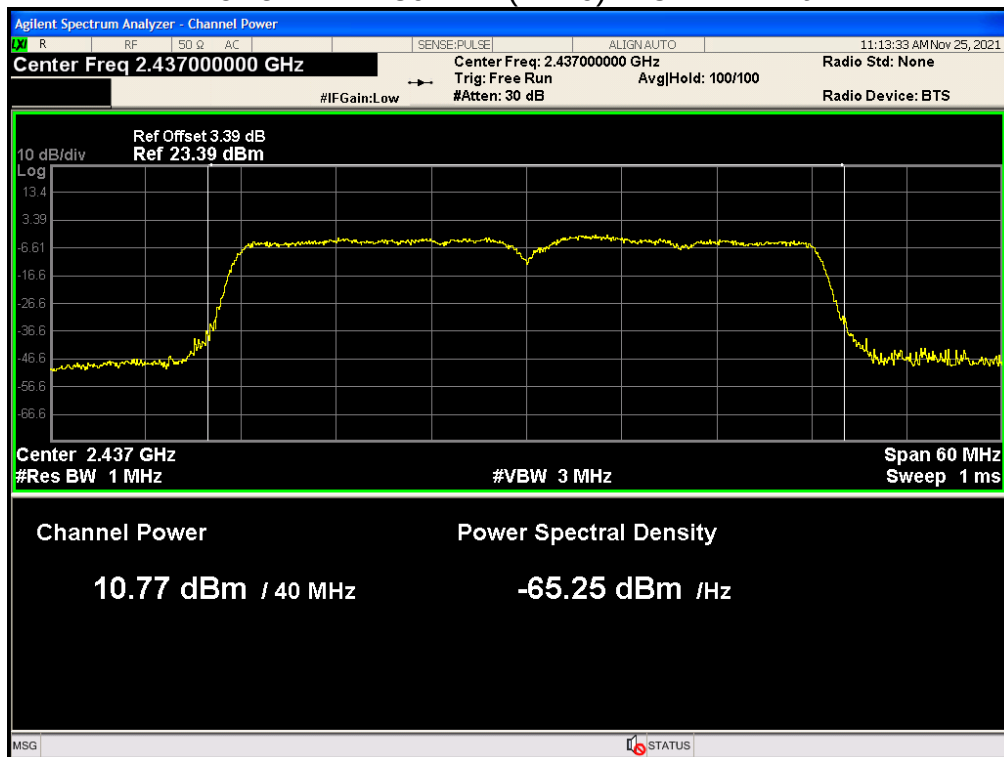
Power NVNT 802.11n(HT20) 2462MHz Ant1



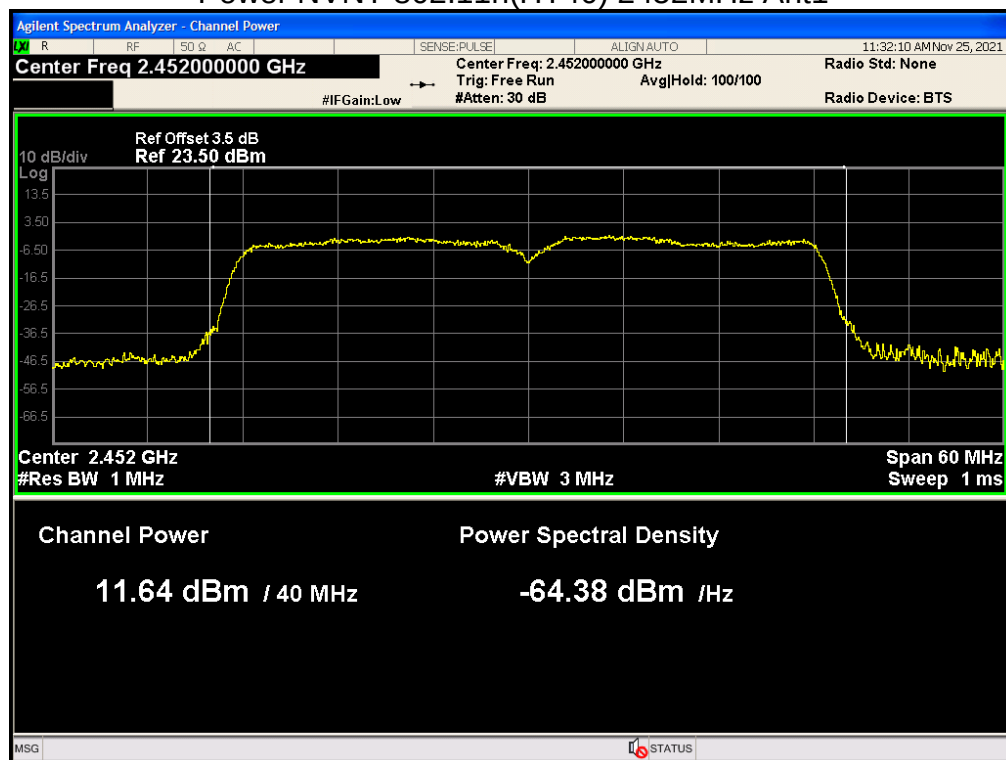
Power NVNT 802.11n(HT40) 2422MHz Ant1



Power NVNT 802.11n(HT40) 2437MHz Ant1



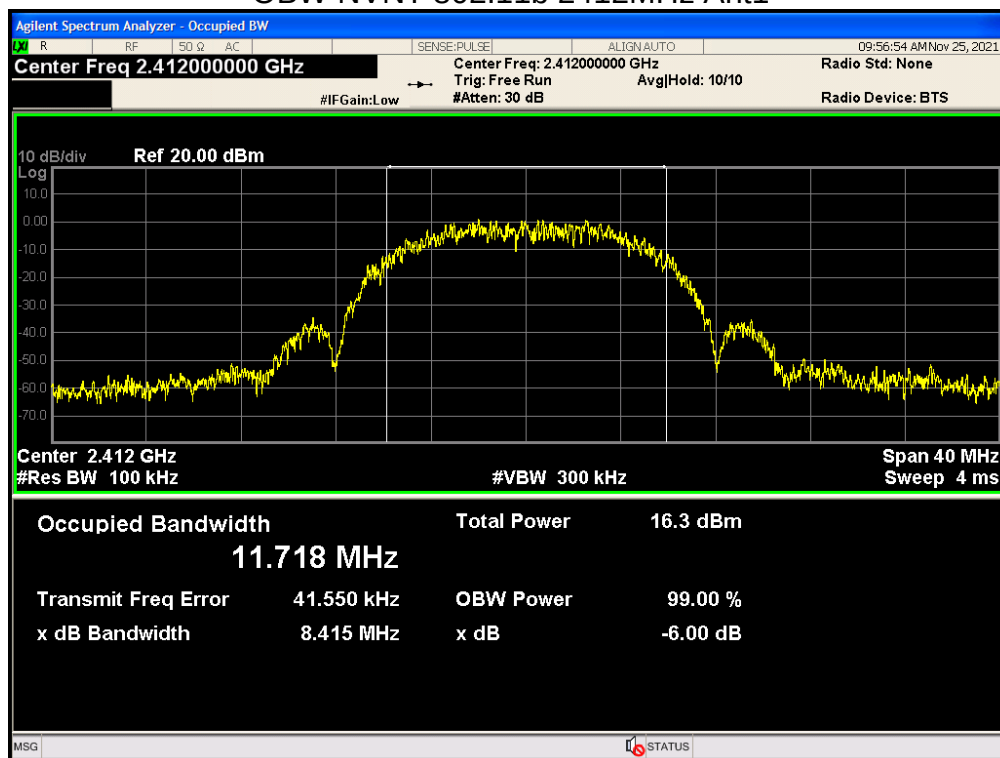
Power NVNT 802.11n(HT40) 2452MHz Ant1



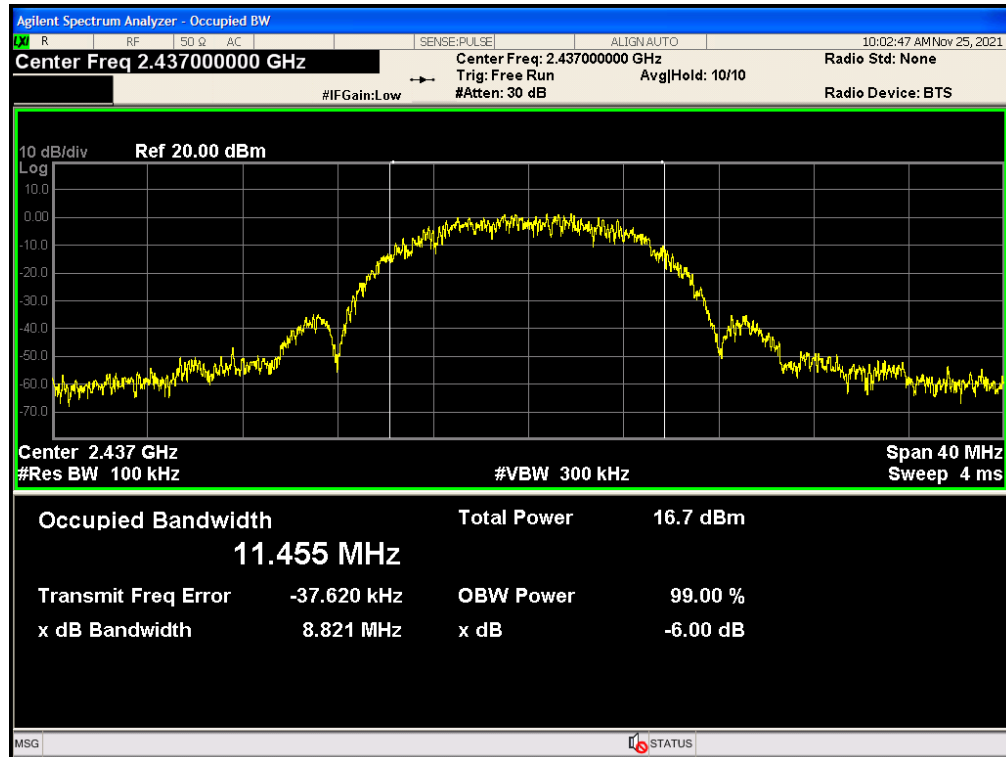
-6 dB Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	-6 dB Bandwidth (MHz)	Limit -6 dB Bandwidth (MHz)	Verdict
NVNT	802.11b	2412	Ant 1	8.4152	0.5	Pass
NVNT	802.11b	2437	Ant 1	8.8211	0.5	Pass
NVNT	802.11b	2462	Ant 1	8.3601	0.5	Pass
NVNT	802.11g	2412	Ant 1	15.4577	0.5	Pass
NVNT	802.11g	2437	Ant 1	16.2621	0.5	Pass
NVNT	802.11g	2462	Ant 1	16.3262	0.5	Pass
NVNT	802.11n(HT20)	2412	Ant 1	17.2285	0.5	Pass
NVNT	802.11n(HT20)	2437	Ant 1	16.6004	0.5	Pass
NVNT	802.11n(HT20)	2462	Ant 1	16.3717	0.5	Pass
NVNT	802.11n(HT40)	2422	Ant 1	35.3203	0.5	Pass
NVNT	802.11n(HT40)	2437	Ant 1	35.6634	0.5	Pass
NVNT	802.11n(HT40)	2452	Ant 1	36.290	0.5	Pass

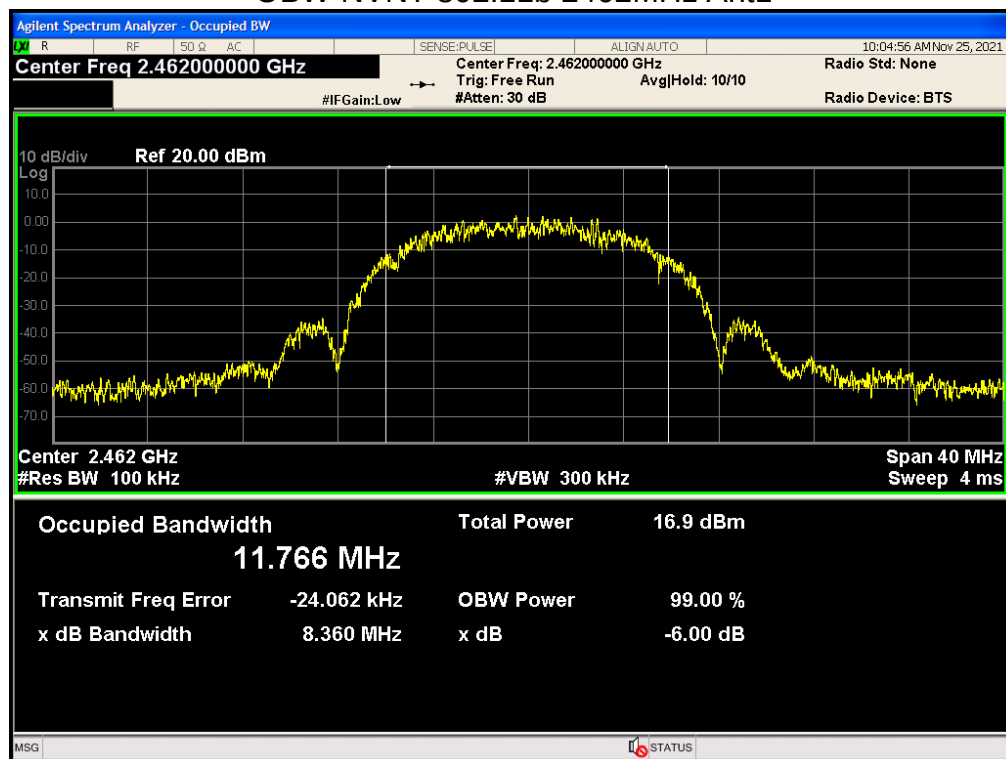
OBW NVNT 802.11b 2412MHz Ant1



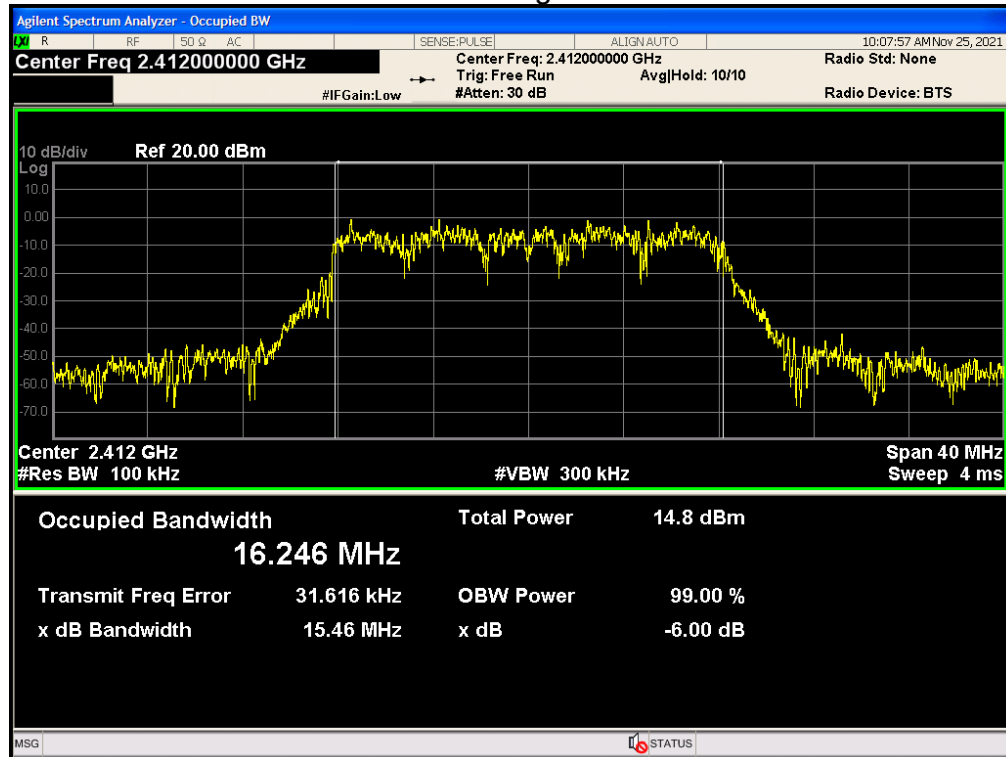
OBW NVNT 802.11b 2437MHz Ant1



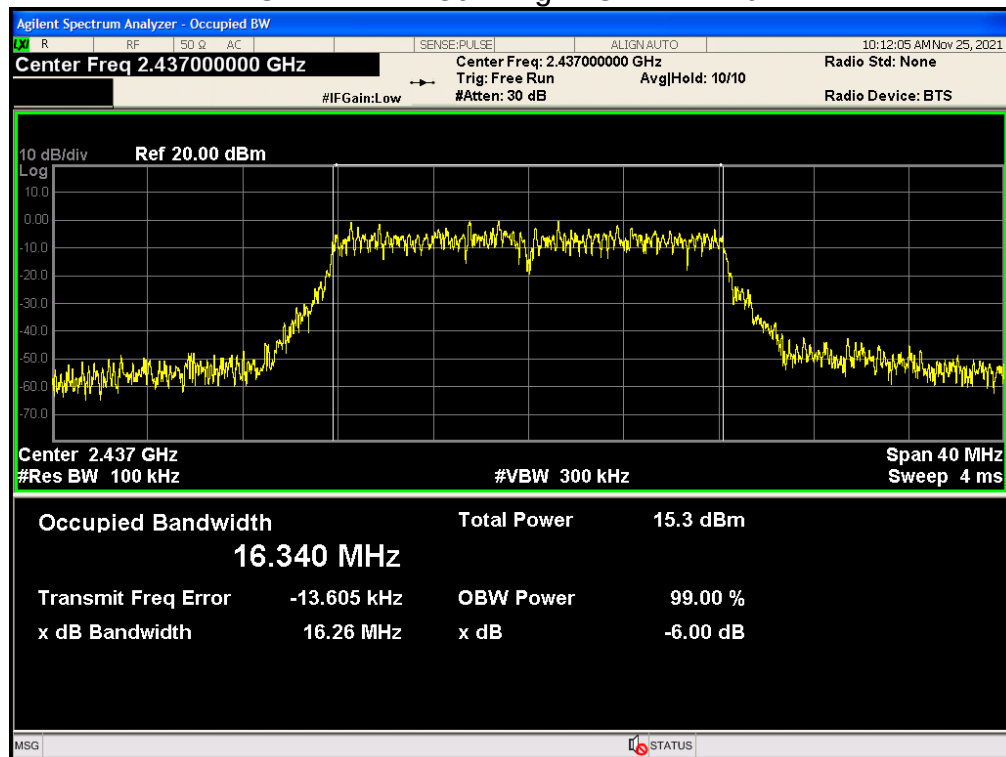
OBW NVNT 802.11b 2462MHz Ant1



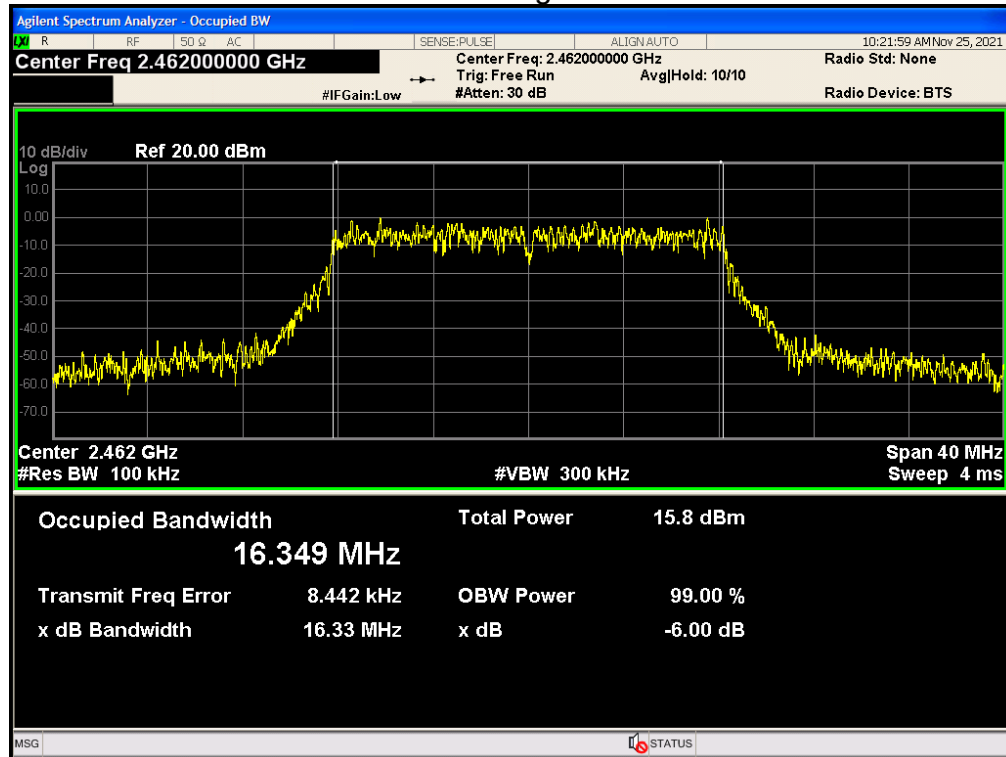
OBW NVNT 802.11g 2412MHz Ant1



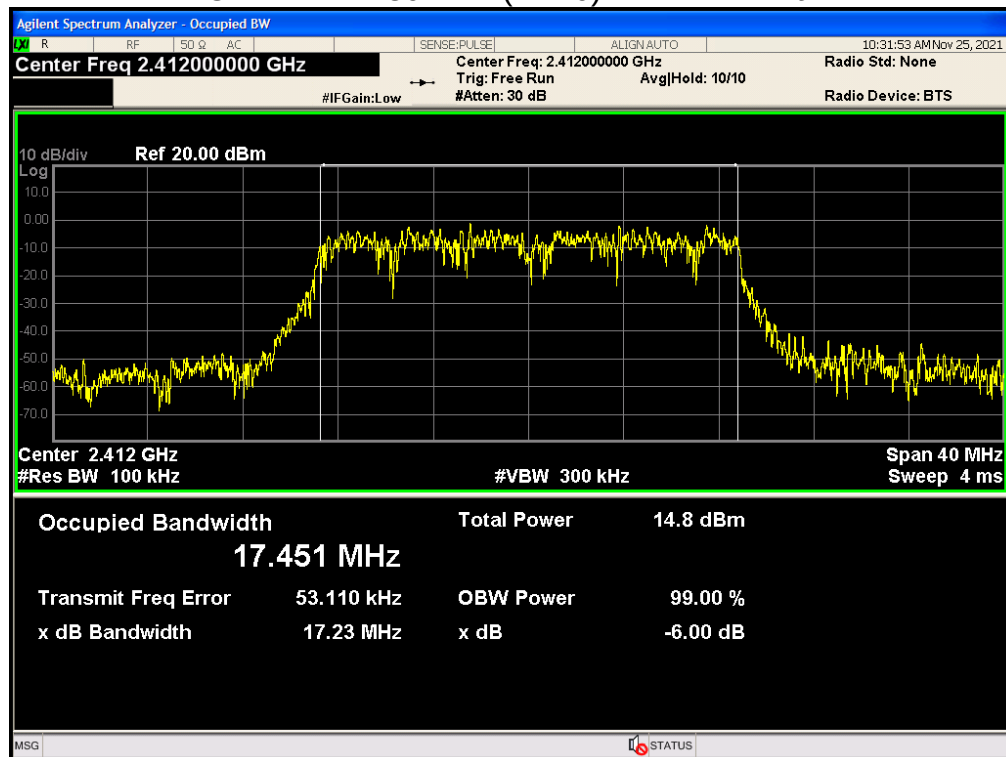
OBW NVNT 802.11g 2437MHz Ant1



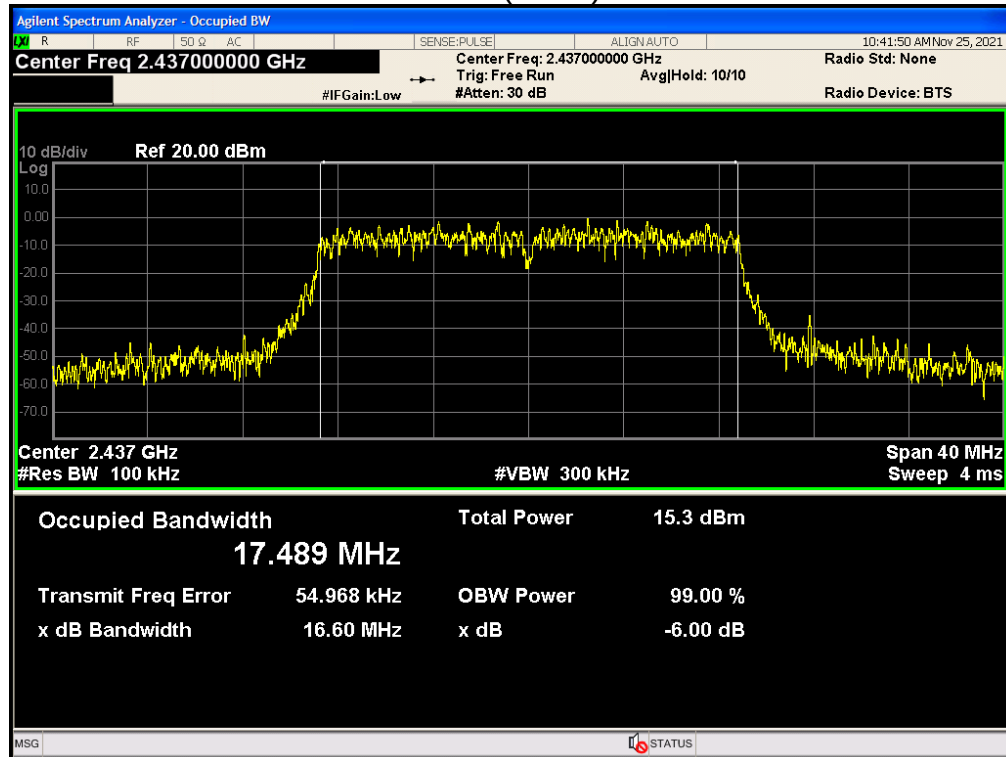
OBW NVNT 802.11g 2462MHz Ant1



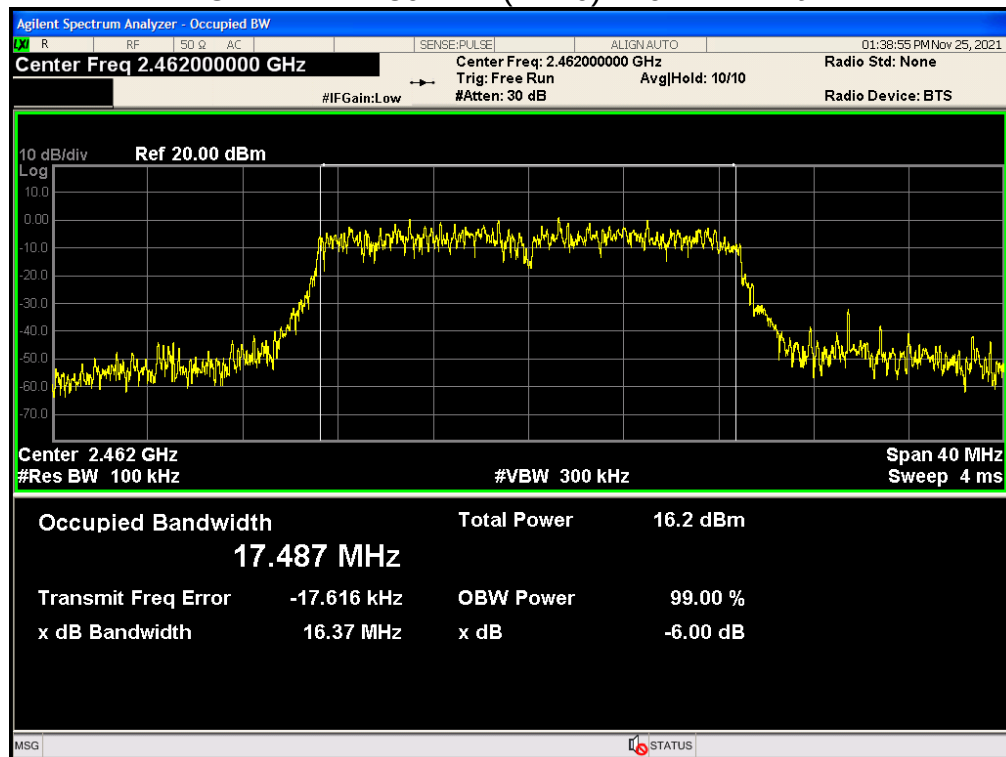
OBW NVNT 802.11n(HT20) 2412MHz Ant1



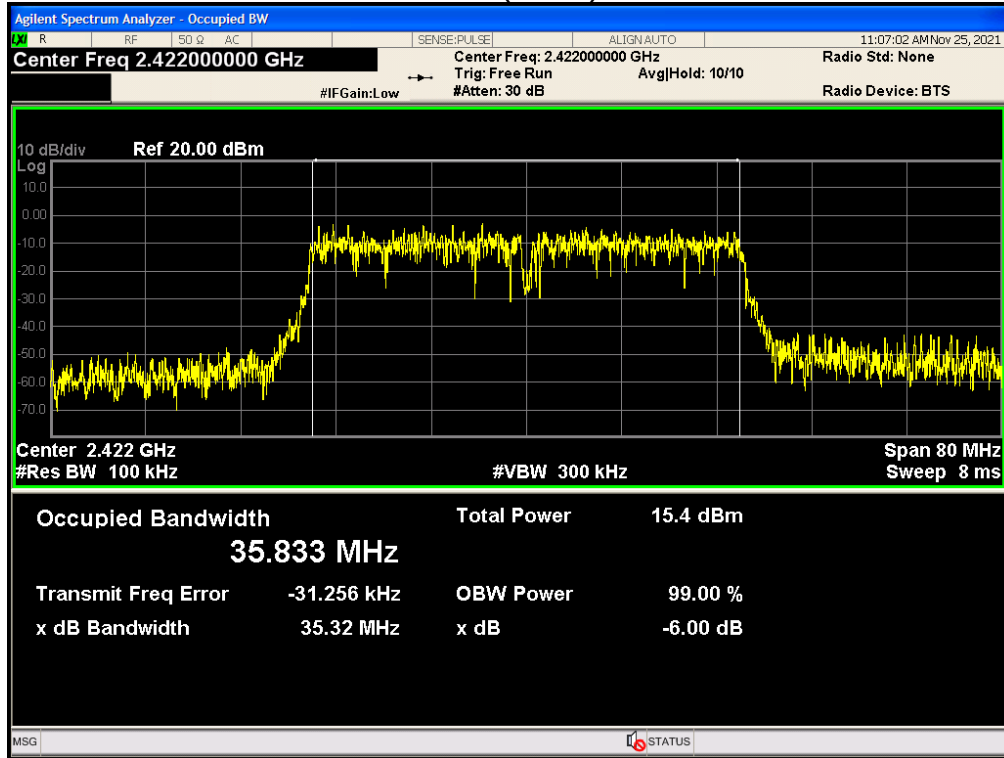
OBW NVNT 802.11n(HT20) 2437MHz Ant1



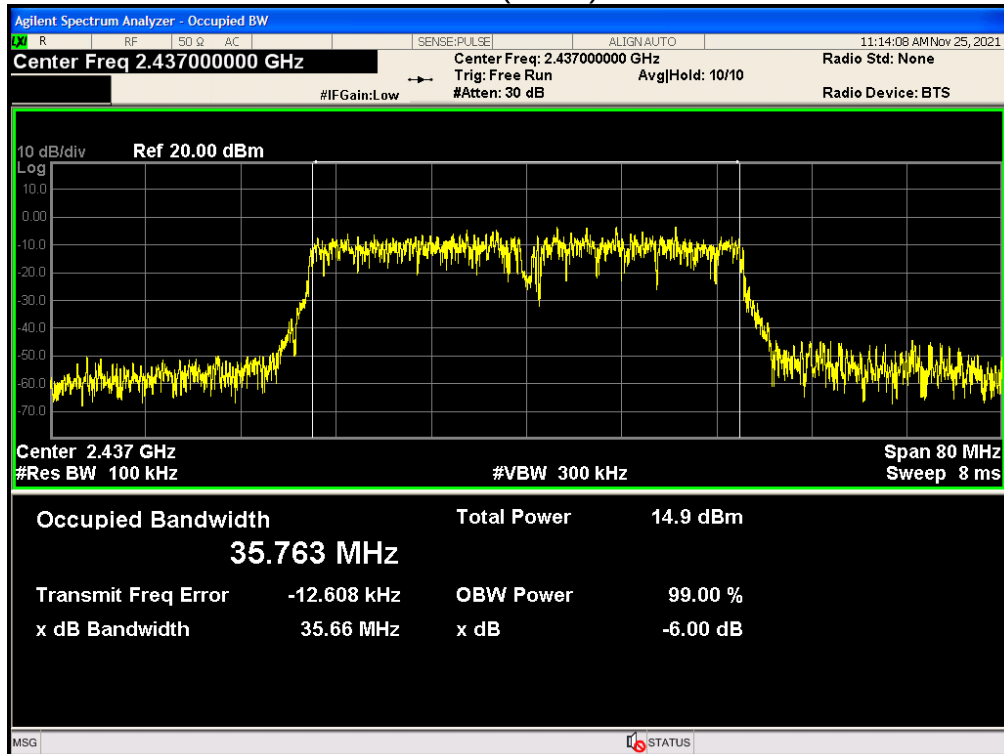
OBW NVNT 802.11n(HT20) 2462MHz Ant1



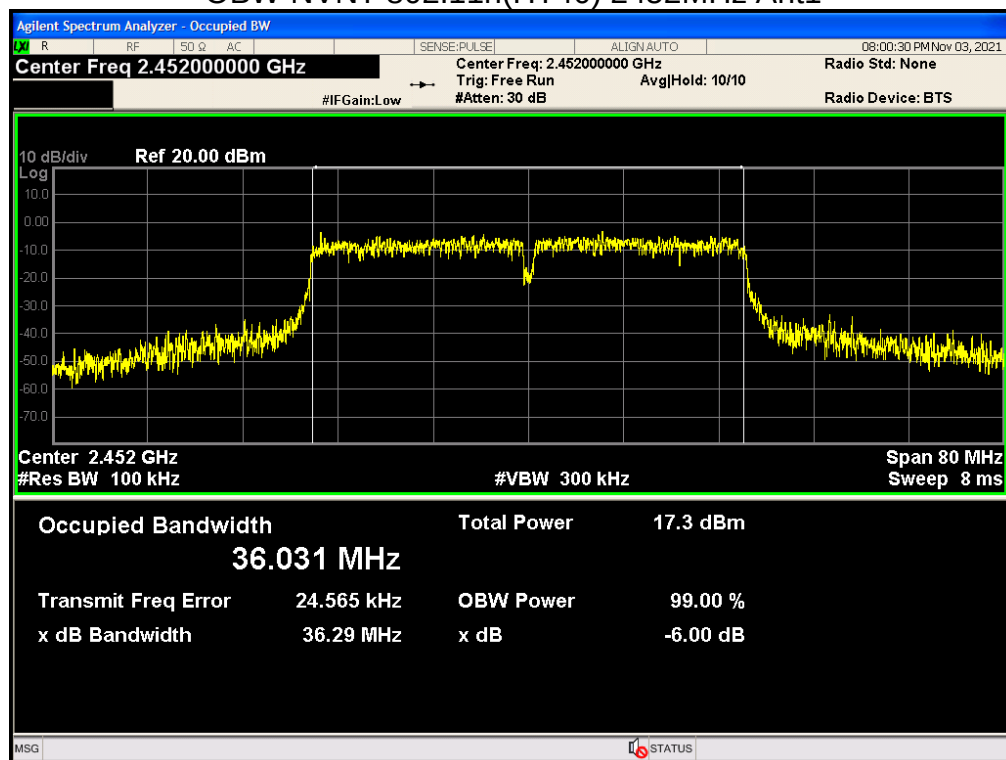
OBW NVNT 802.11n(HT40) 2422MHz Ant1



OBW NVNT 802.11n(HT40) 2437MHz Ant1



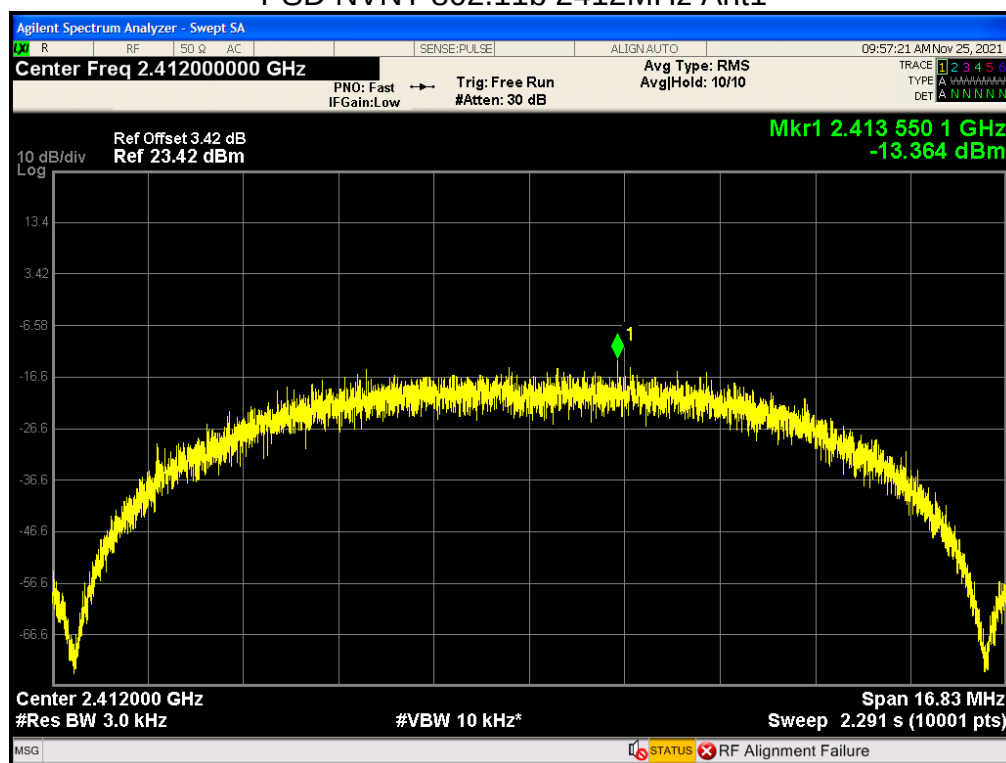
OBW NVNT 802.11n(HT40) 2452MHz Ant1



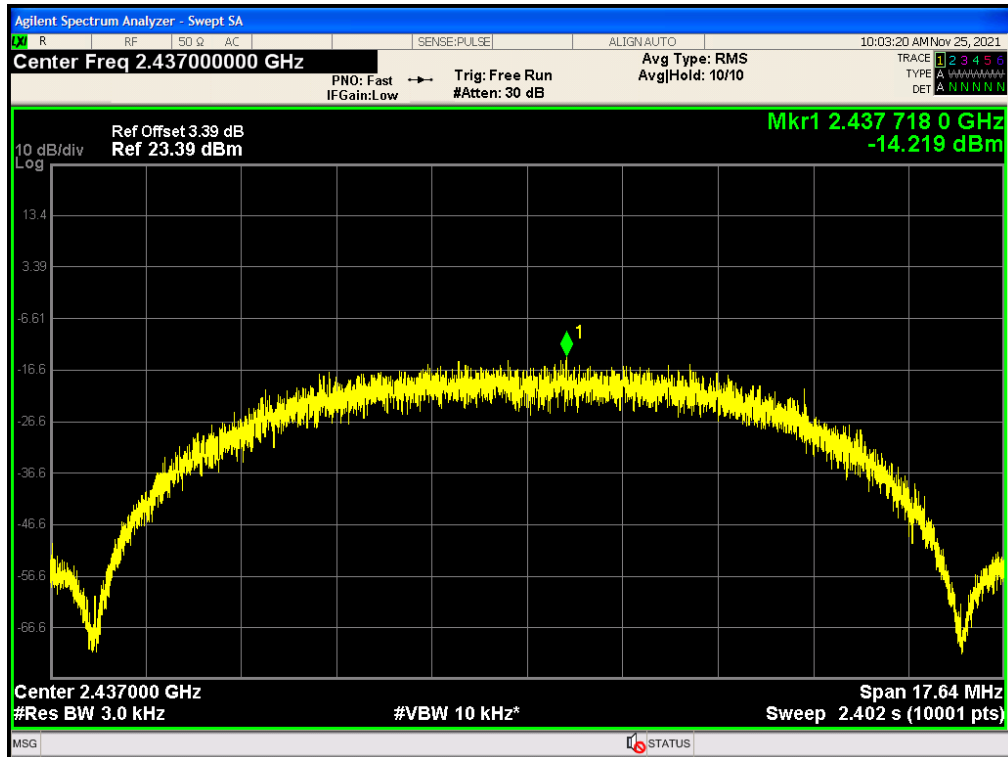
Maximum Power Spectral Density Level

Condition	Mode	Frequency (MHz)	Antenna	Max PSD (dBm/3kHz)	Limit (dBm/3kHz)	Verdict
NVNT	802.11b	2412	Ant 1	-13.364	8	Pass
NVNT	802.11b	2437	Ant 1	-14.219	8	Pass
NVNT	802.11b	2462	Ant 1	-9.76	8	Pass
NVNT	802.11g	2412	Ant 1	-19.243	8	Pass
NVNT	802.11g	2437	Ant 1	-19.356	8	Pass
NVNT	802.11g	2462	Ant 1	-19.137	8	Pass
NVNT	802.11n(HT20)	2412	Ant 1	-18.281	8	Pass
NVNT	802.11n(HT20)	2437	Ant 1	-18.451	8	Pass
NVNT	802.11n(HT20)	2462	Ant 1	-13.018	8	Pass
NVNT	802.11n(HT40)	2422	Ant 1	-21.138	8	Pass
NVNT	802.11n(HT40)	2437	Ant 1	-21.185	8	Pass
NVNT	802.11n(HT40)	2452	Ant 1	-20.616	8	Pass

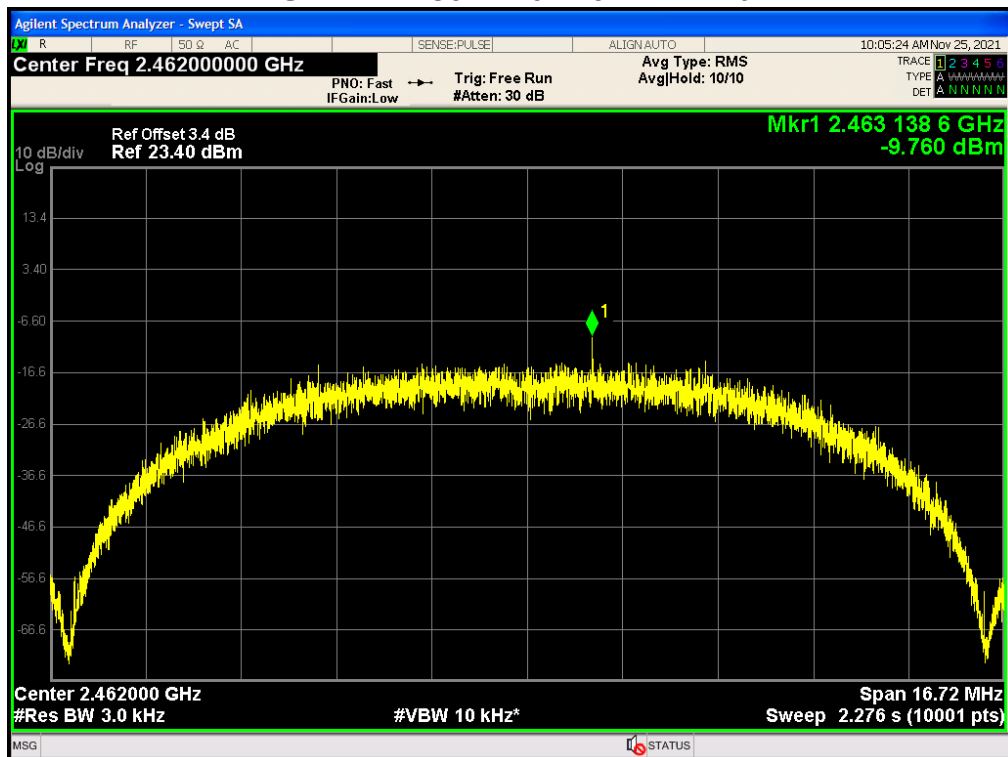
PSD NVNT 802.11b 2412MHz Ant1



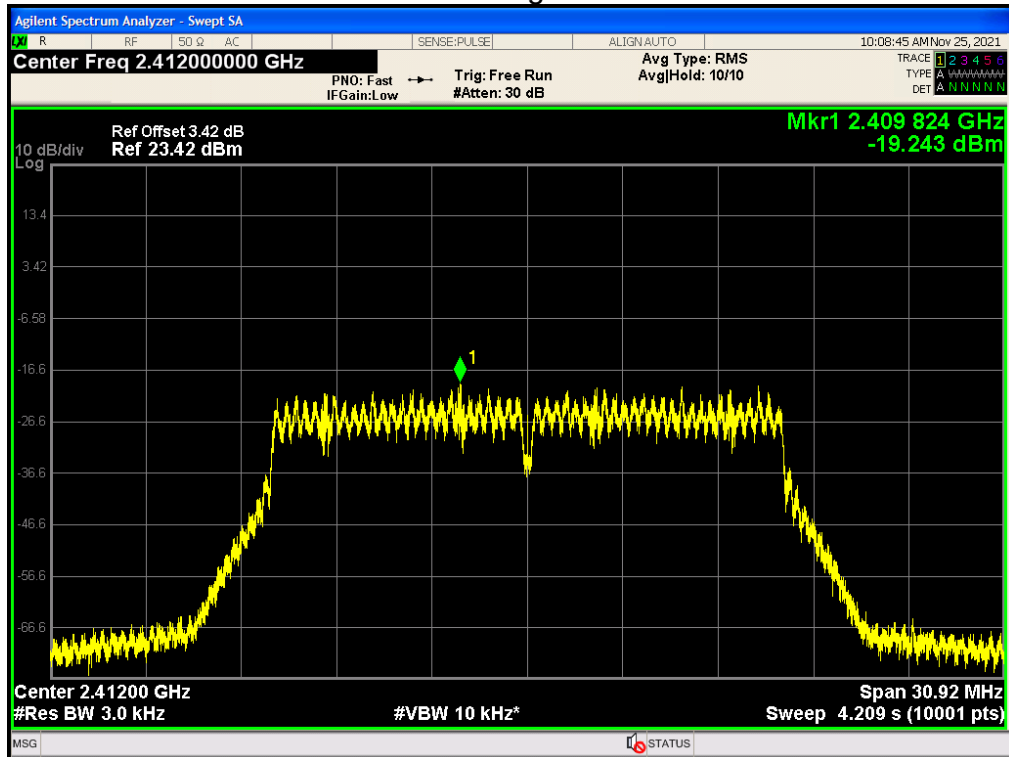
PSD NVNT 802.11b 2437MHz Ant1



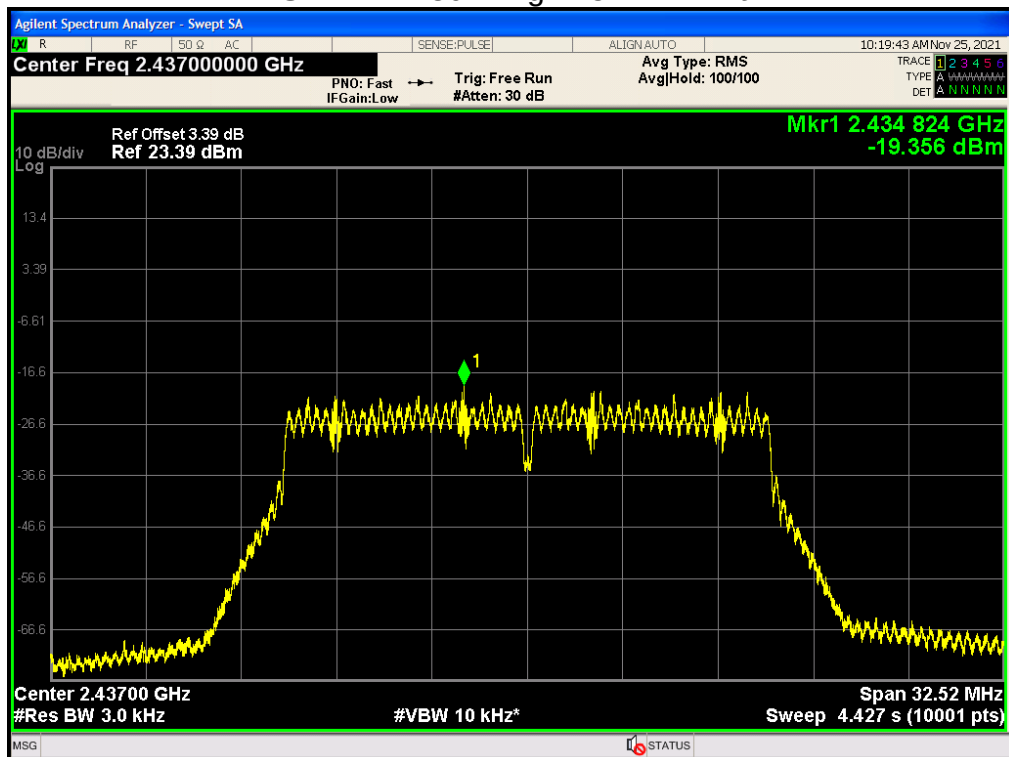
PSD NVNT 802.11b 2462MHz Ant1



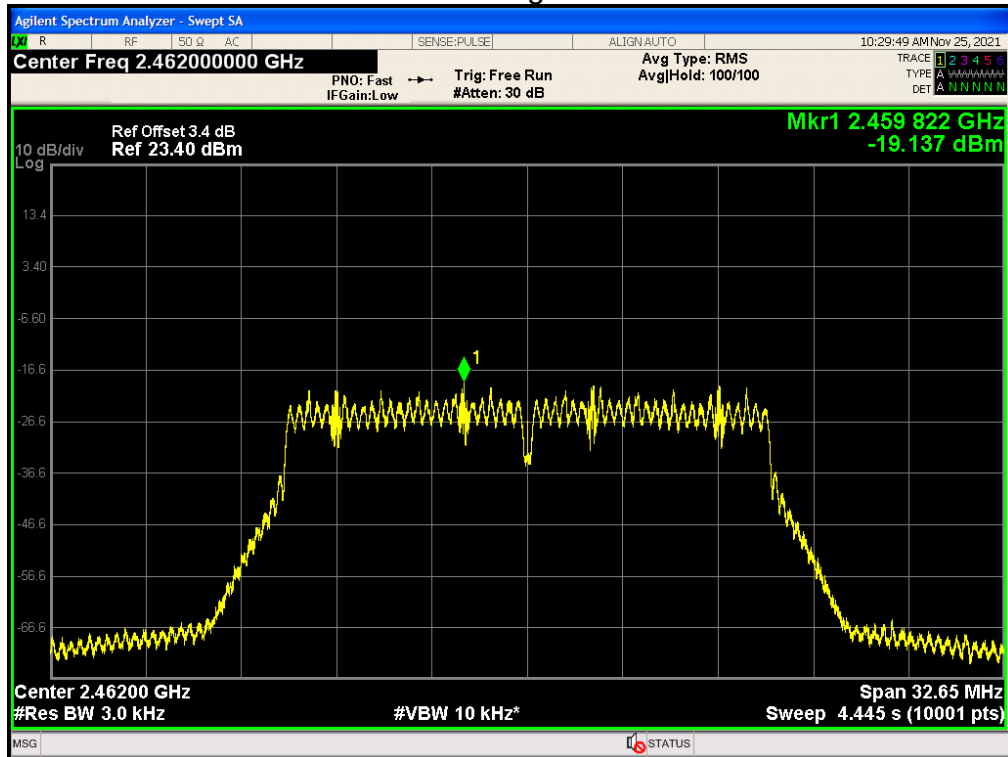
PSD NVNT 802.11g 2412MHz Ant1



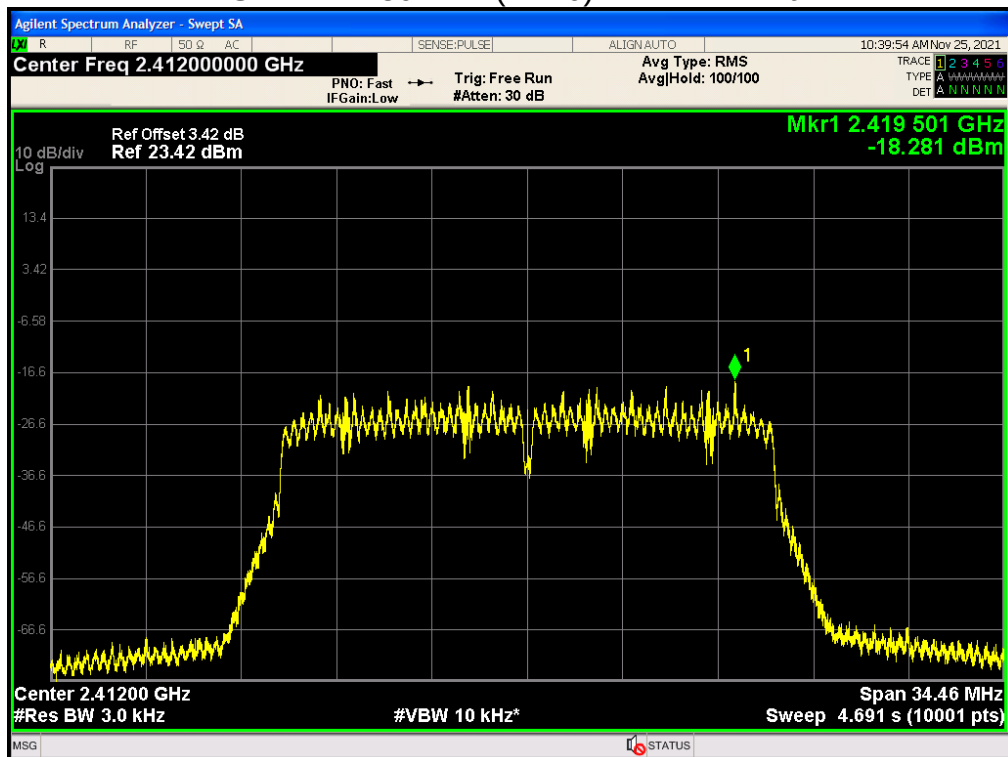
PSD NVNT 802.11g 2437MHz Ant1



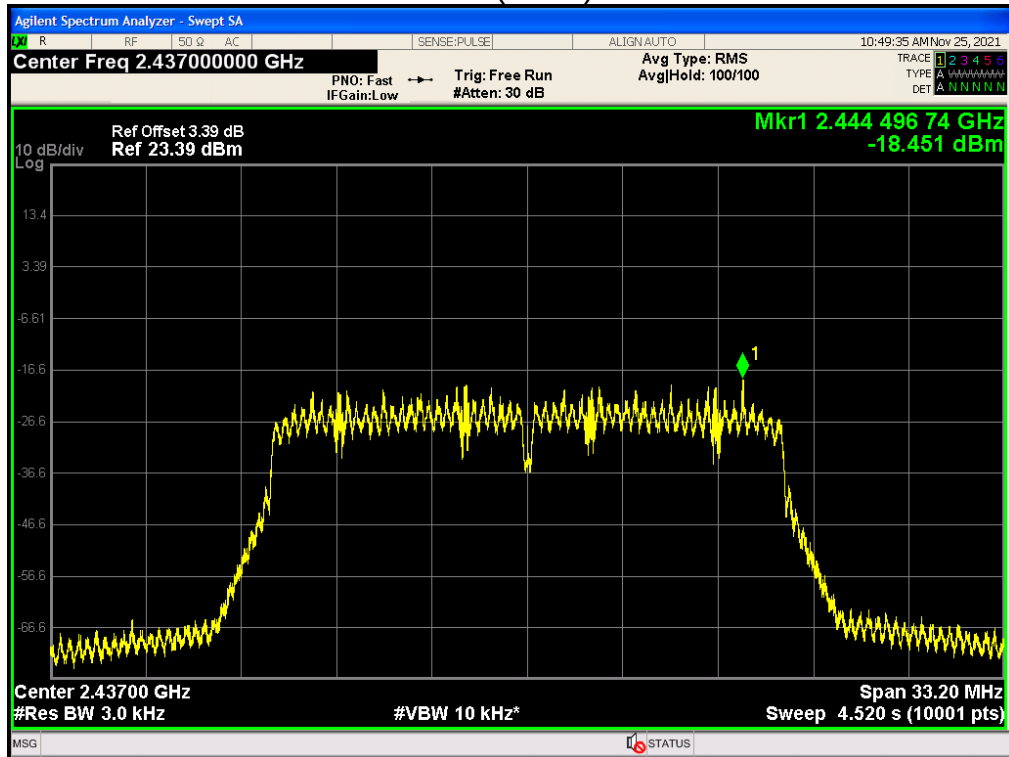
PSD NVNT 802.11g 2462MHz Ant1



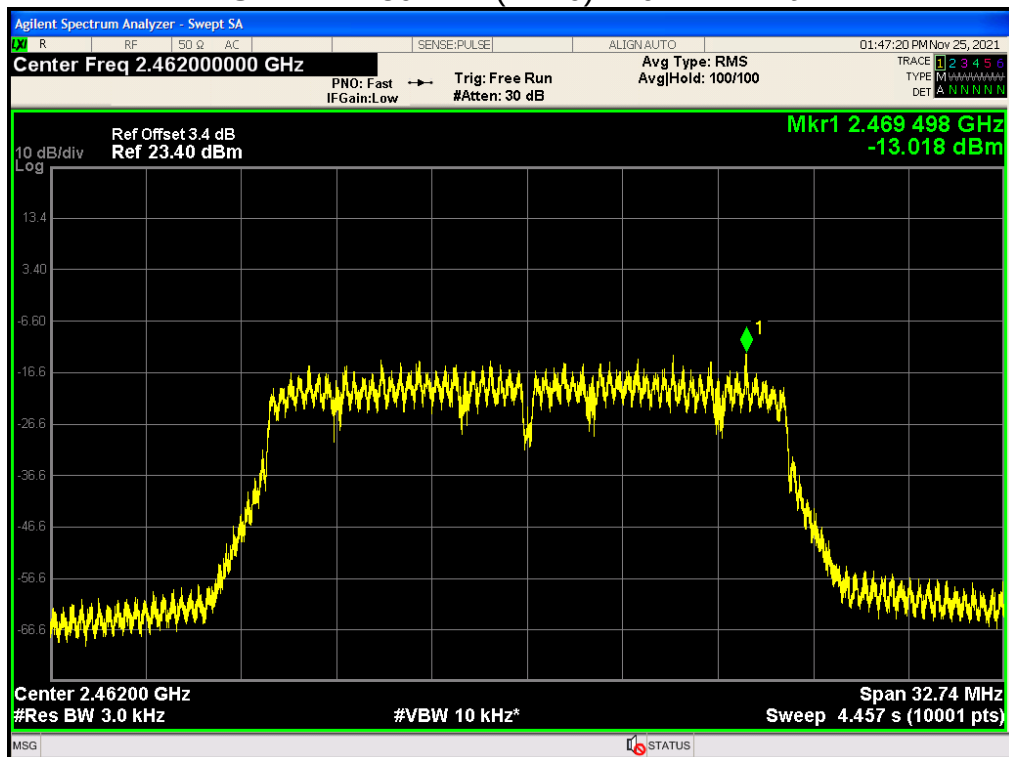
PSD NVNT 802.11n(HT20) 2412MHz Ant1



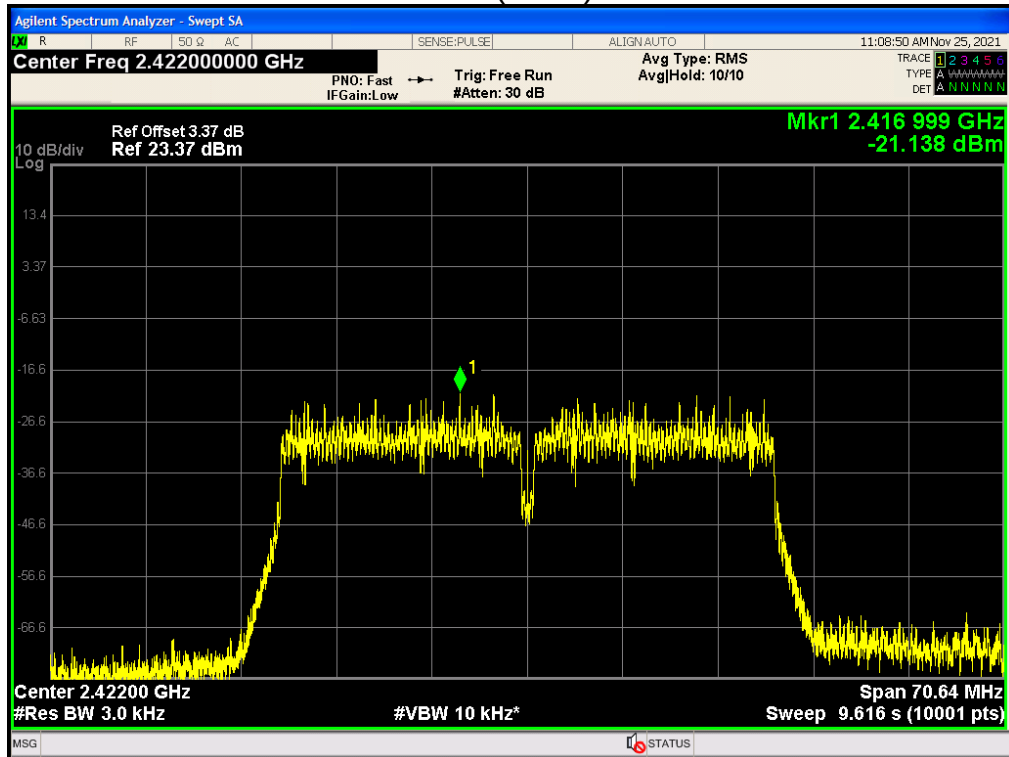
PSD NVNT 802.11n(HT20) 2437MHz Ant1



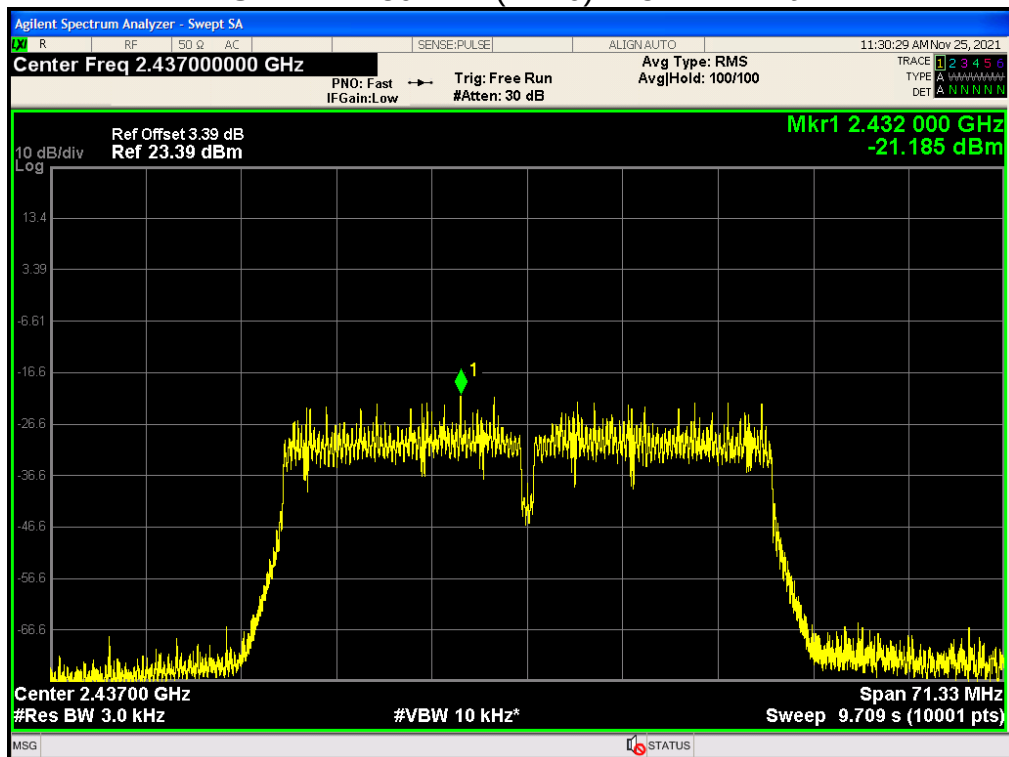
PSD NVNT 802.11n(HT20) 2462MHz Ant1



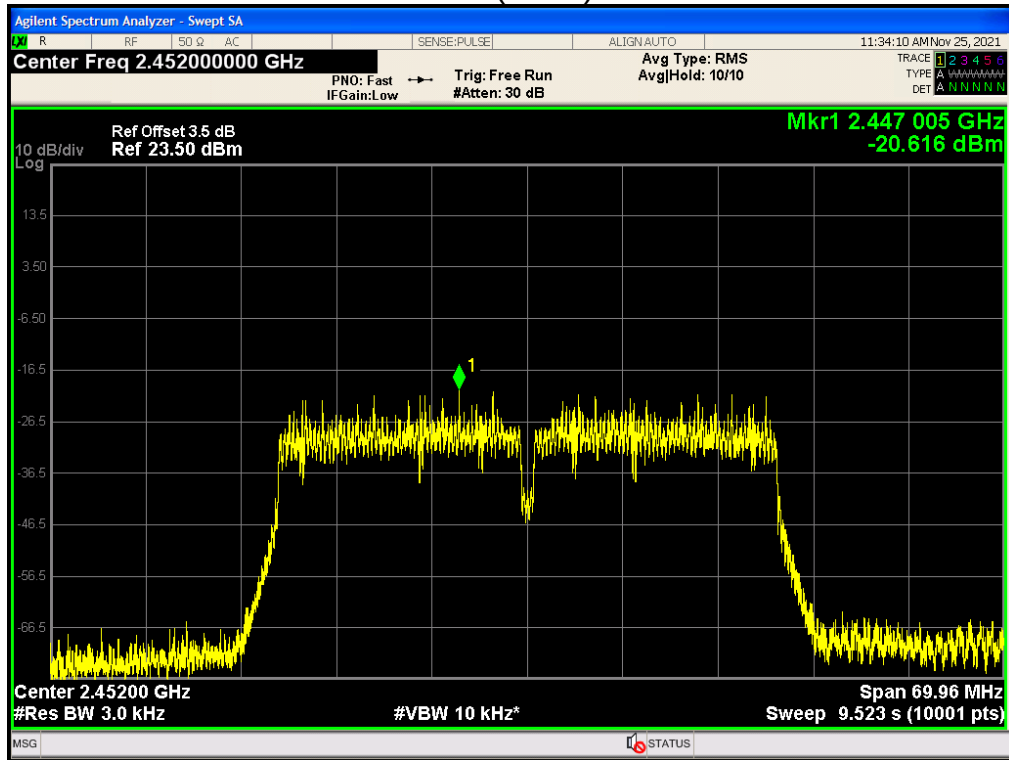
PSD NVNT 802.11n(HT40) 2422MHz Ant1



PSD NVNT 802.11n(HT40) 2437MHz Ant1



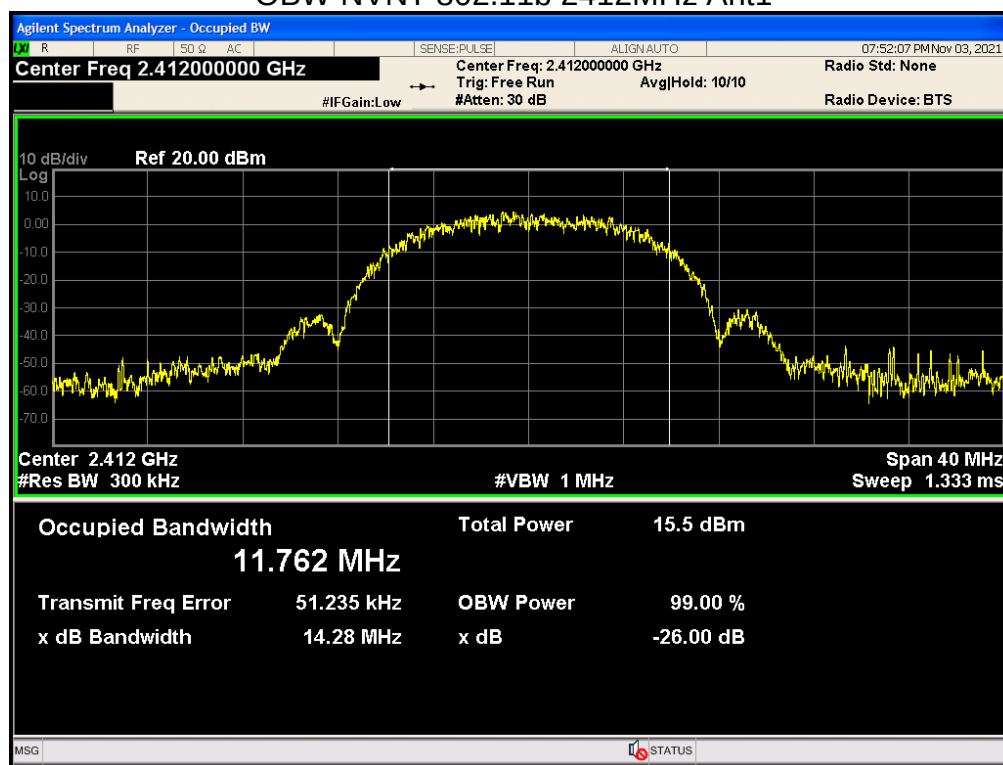
PSD NVNT 802.11n(HT40) 2452MHz Ant1



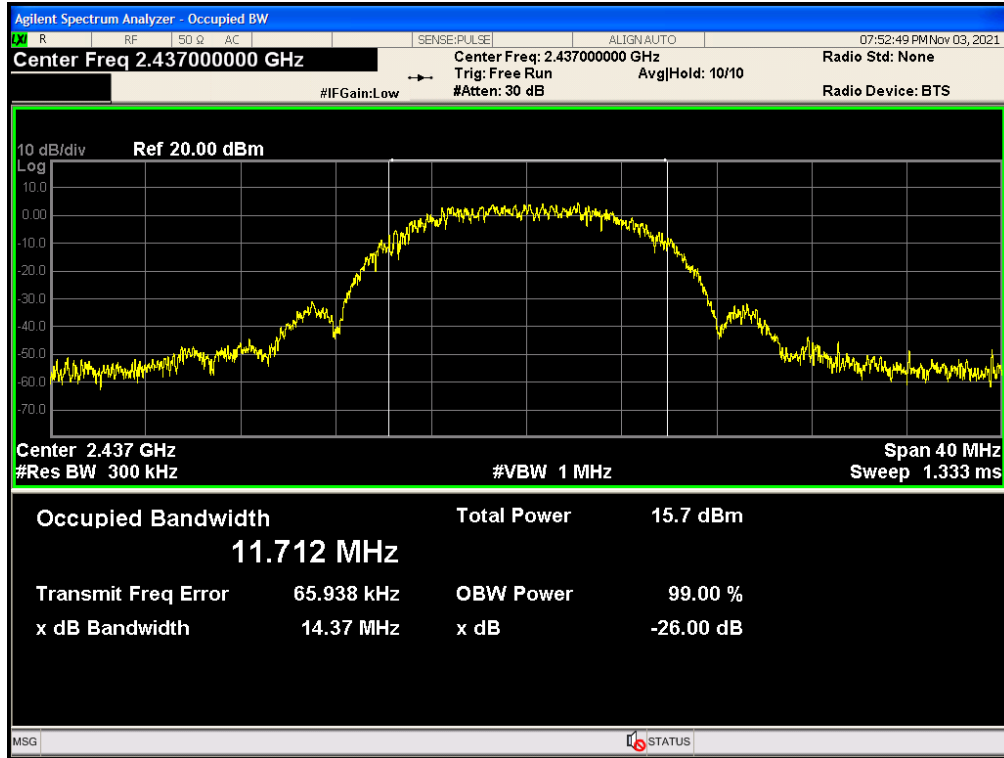
99% Occupied Channel Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	802.11b	2412	Ant 1	11.7624
NVNT	802.11b	2437	Ant 1	11.7122
NVNT	802.11b	2462	Ant 1	11.7357
NVNT	802.11g	2412	Ant 1	16.4524
NVNT	802.11g	2437	Ant 1	16.4599
NVNT	802.11g	2462	Ant 1	16.3876
NVNT	802.11n(HT20)	2412	Ant 1	17.5734
NVNT	802.11n(HT20)	2437	Ant 1	17.6222
NVNT	802.11n(HT20)	2462	Ant 1	17.5457
NVNT	802.11n(HT40)	2422	Ant 1	36.2881
NVNT	802.11n(HT40)	2437	Ant 1	36.1629
NVNT	802.11n(HT40)	2452	Ant 1	36.2606

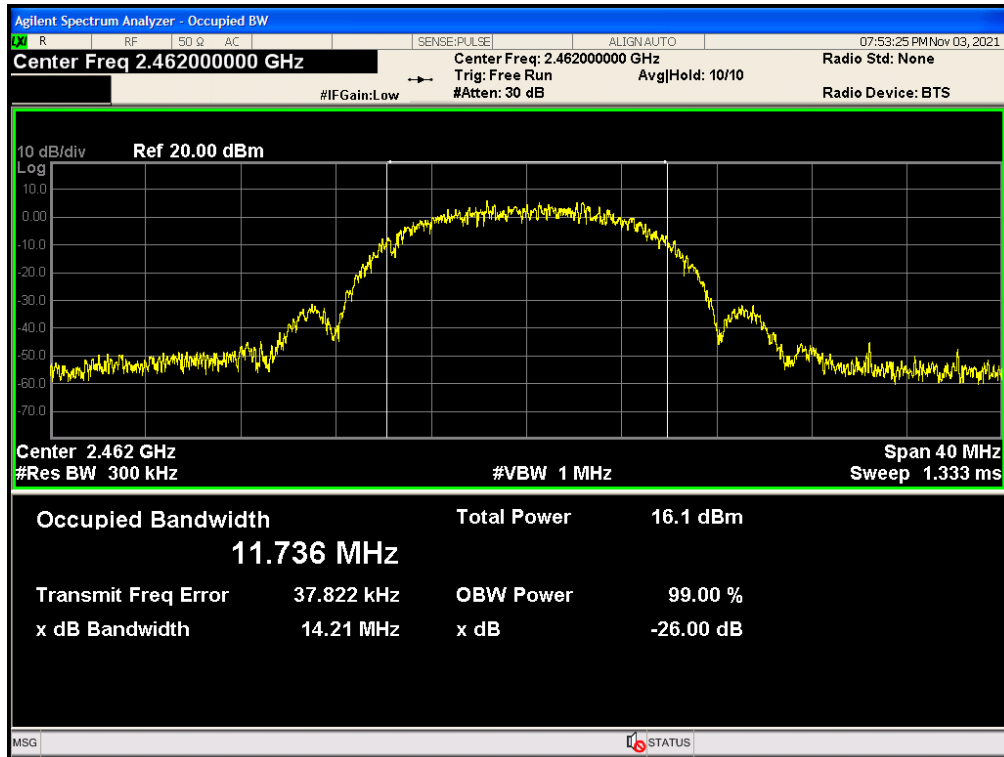
OBW NVNT 802.11b 2412MHz Ant1



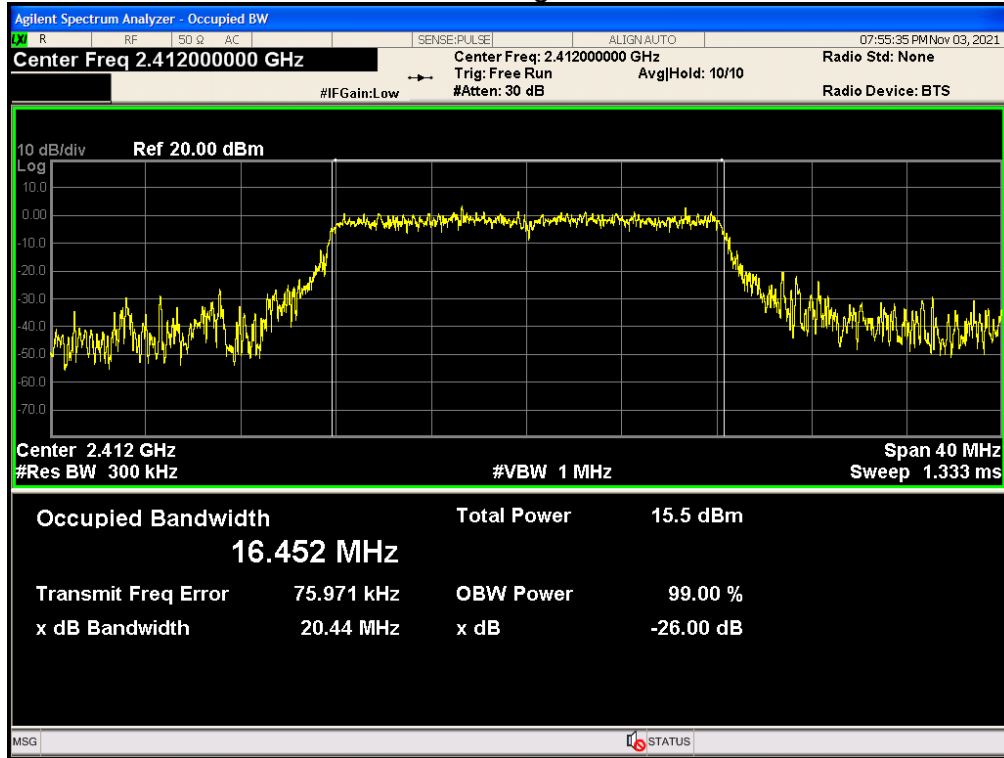
OBW NVNT 802.11b 2437MHz Ant1



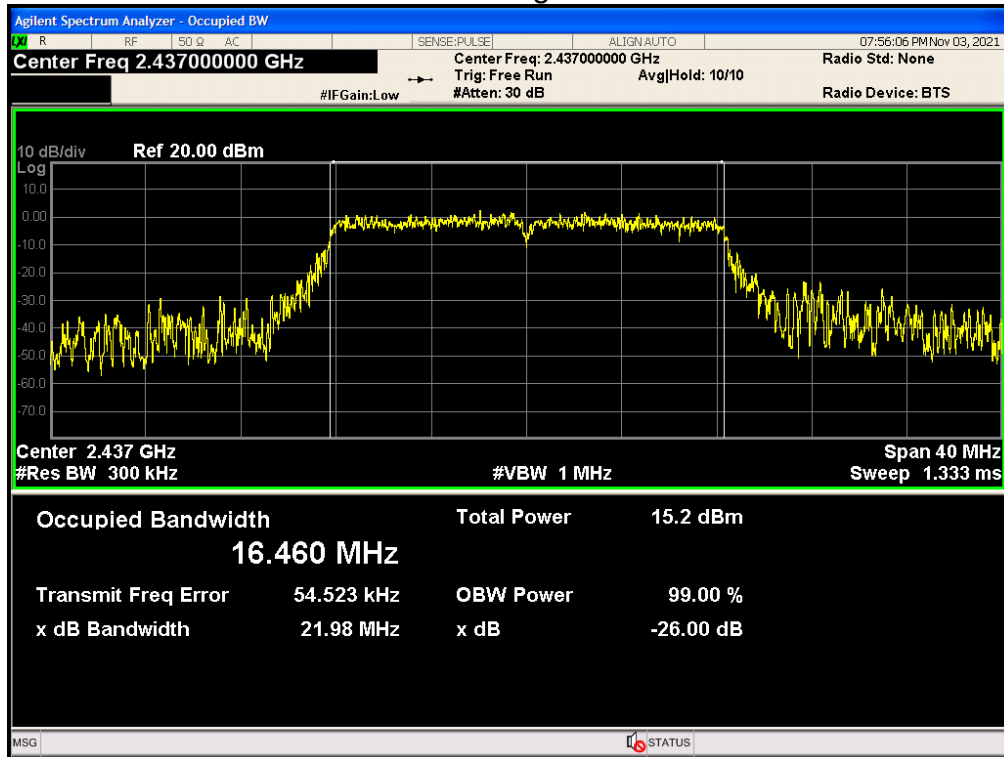
OBW NVNT 802.11b 2462MHz Ant1



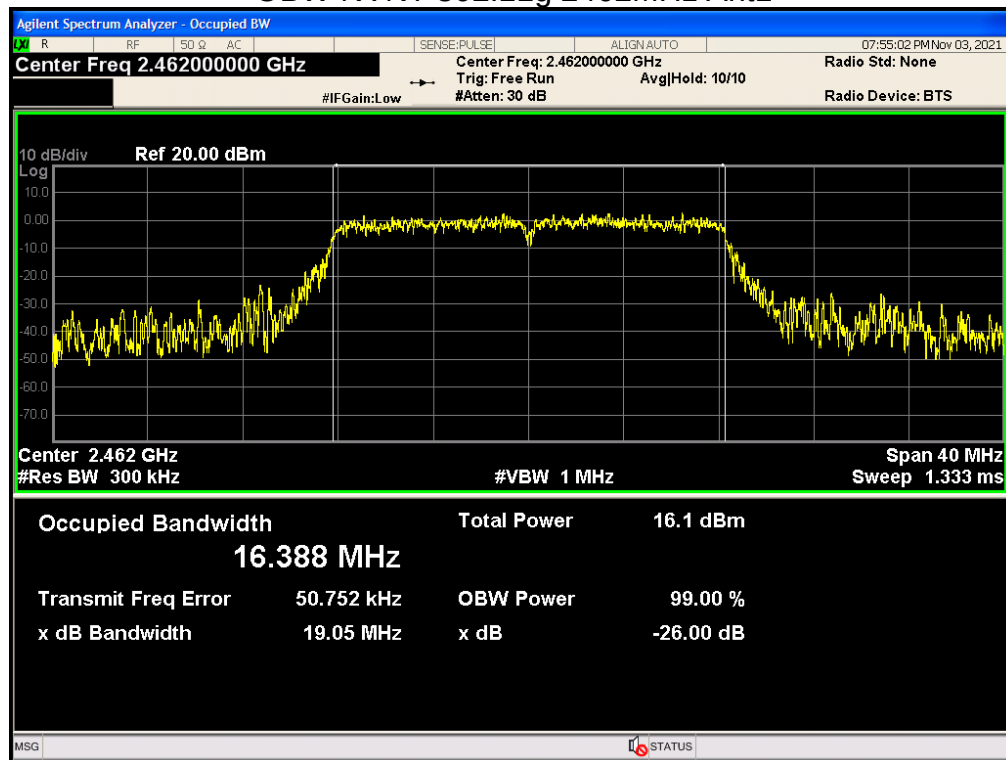
OBW NVNT 802.11g 2412MHz Ant1



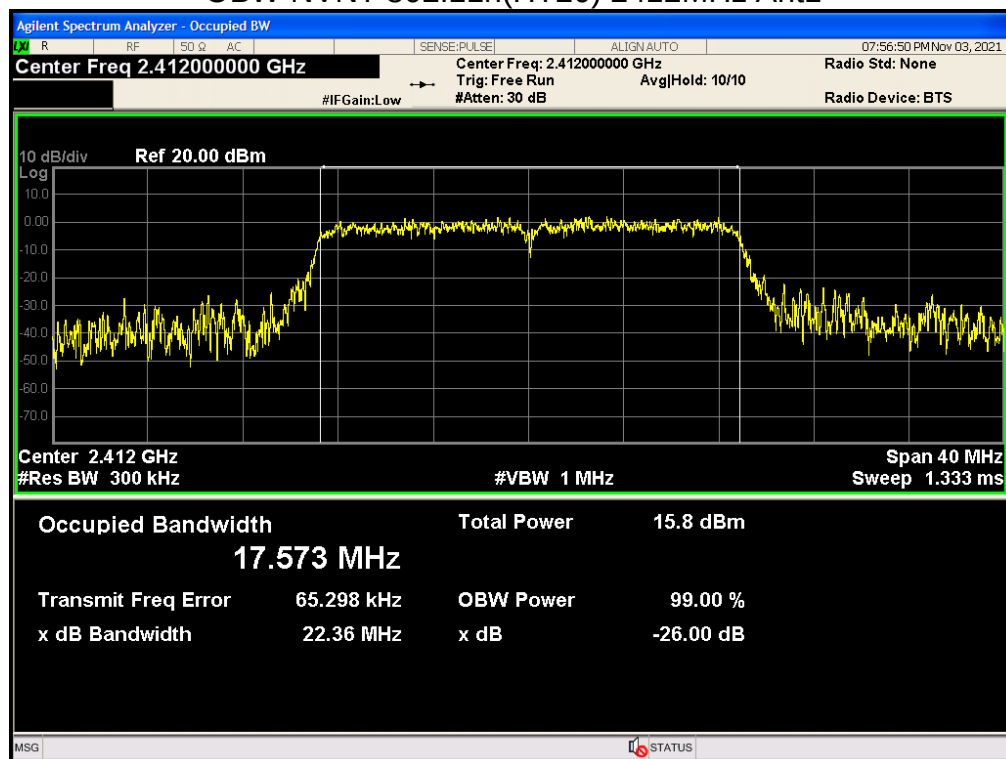
OBW NVNT 802.11g 2437MHz Ant1



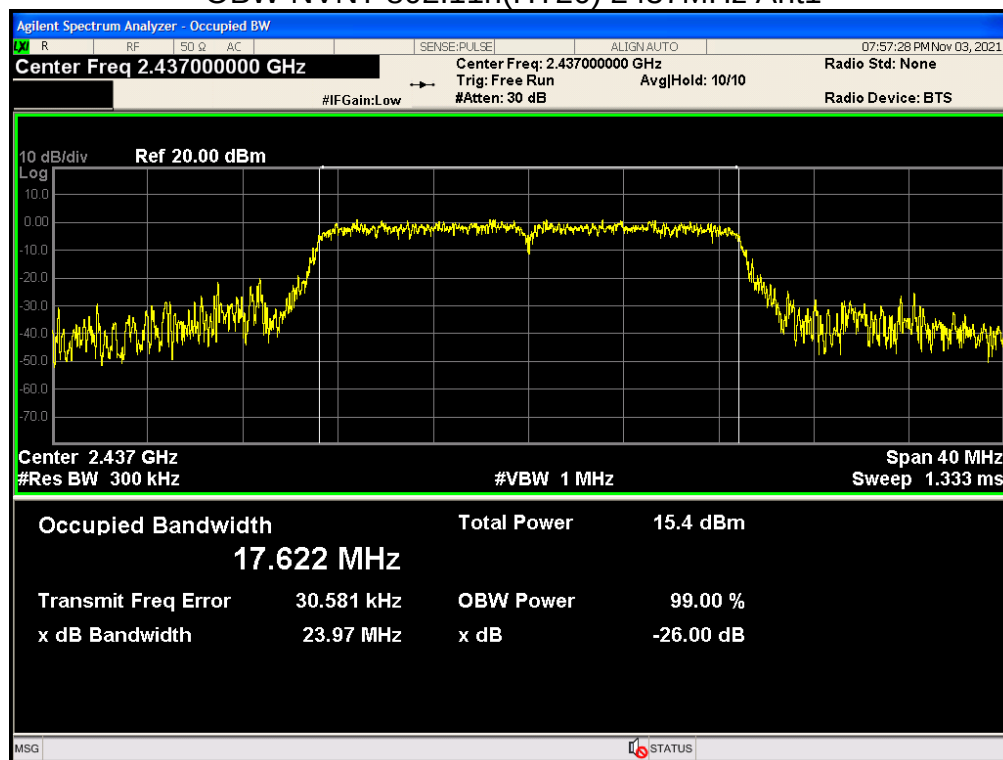
OBW NVNT 802.11g 2462MHz Ant1



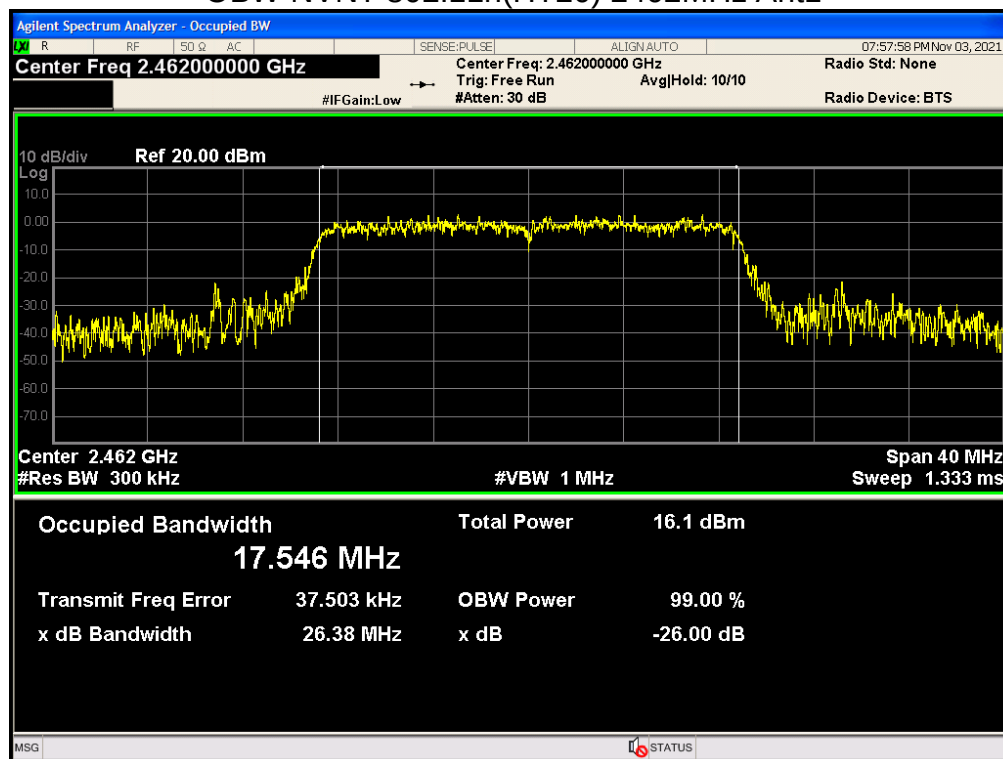
OBW NVNT 802.11n(HT20) 2412MHz Ant1



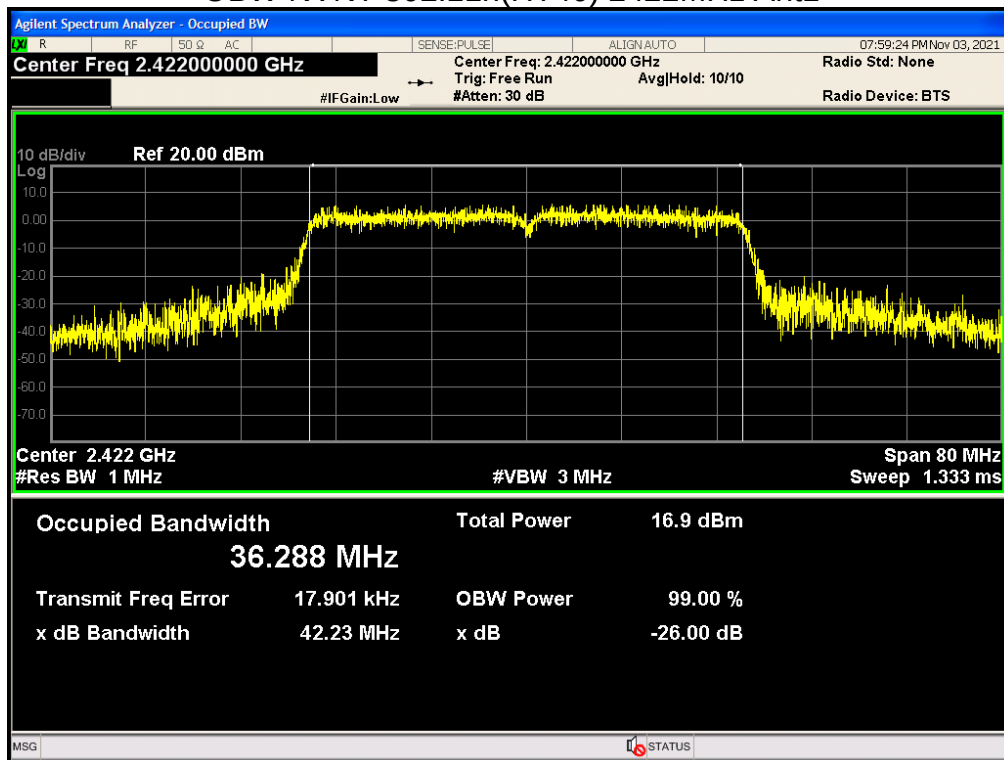
OBW NVNT 802.11n(HT20) 2437MHz Ant1



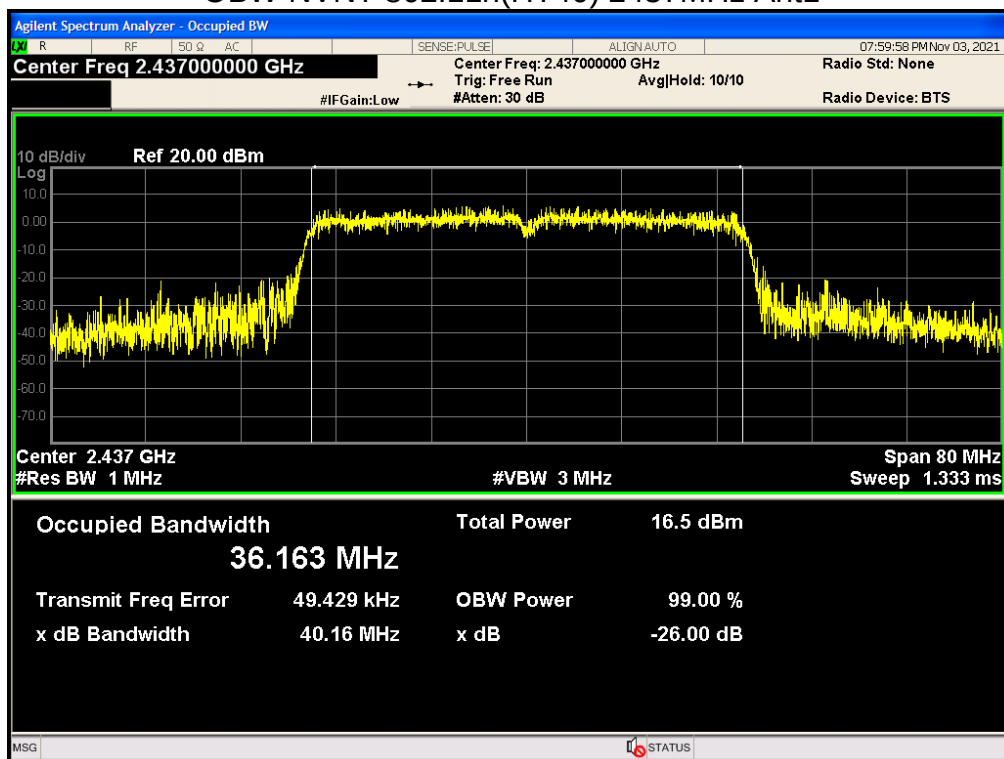
OBW NVNT 802.11n(HT20) 2462MHz Ant1



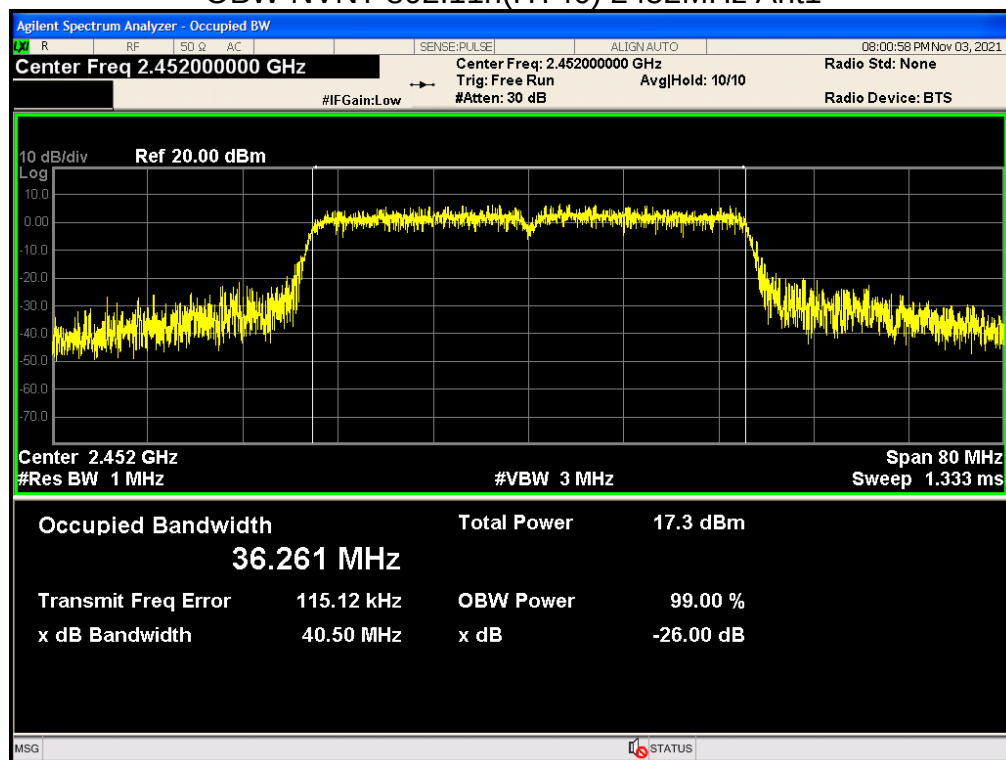
OBW NVNT 802.11n(HT40) 2422MHz Ant1



OBW NVNT 802.11n(HT40) 2437MHz Ant1



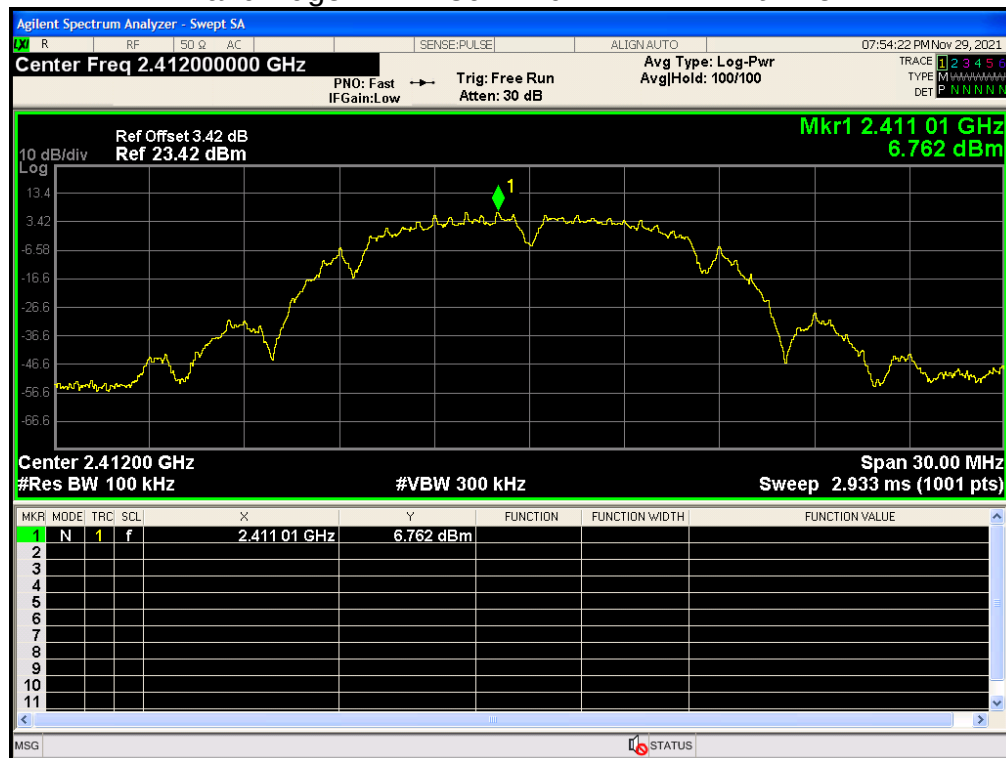
OBW NVNT 802.11n(HT40) 2452MHz Ant1



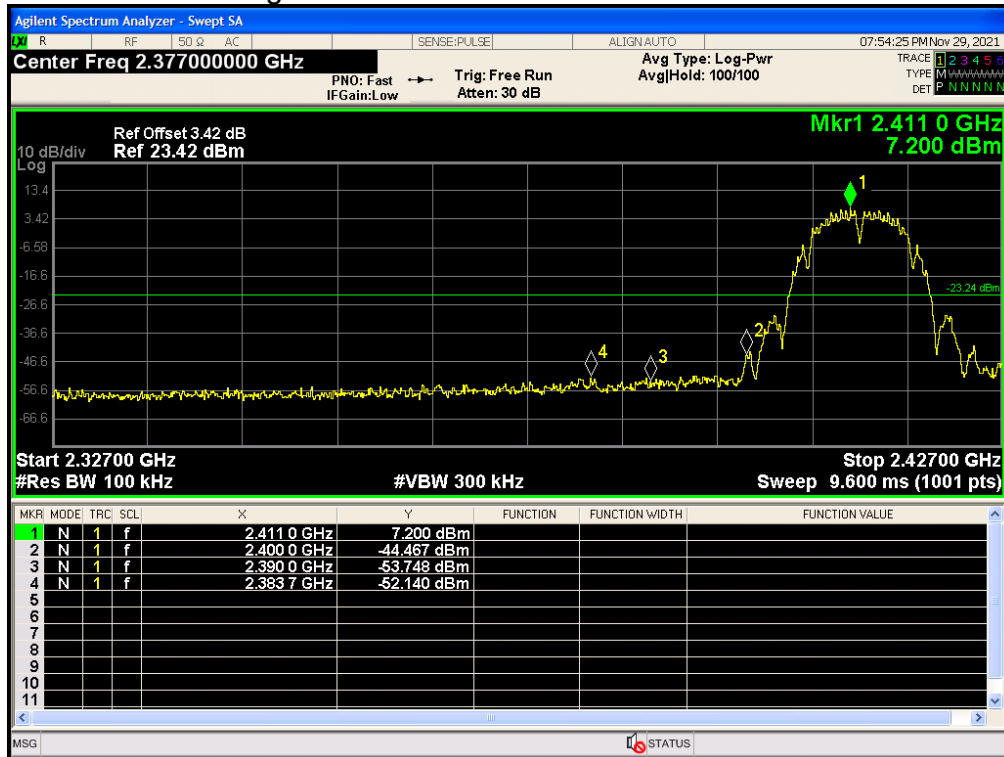
Band Edge

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	802.11b	2412	Ant 1	-58.892	-30	Pass
NVNT	802.11b	2462	Ant 1	-56.749	-30	Pass
NVNT	802.11g	2412	Ant 1	-42.522	-30	Pass
NVNT	802.11g	2462	Ant 1	-42.342	-30	Pass
NVNT	802.11n(HT20)	2412	Ant 1	-41.106	-30	Pass
NVNT	802.11n(HT20)	2462	Ant 1	-40.065	-30	Pass
NVNT	802.11n(HT40)	2422	Ant 1	-35.258	-30	Pass
NVNT	802.11n(HT40)	2452	Ant 1	-35.088	-30	Pass

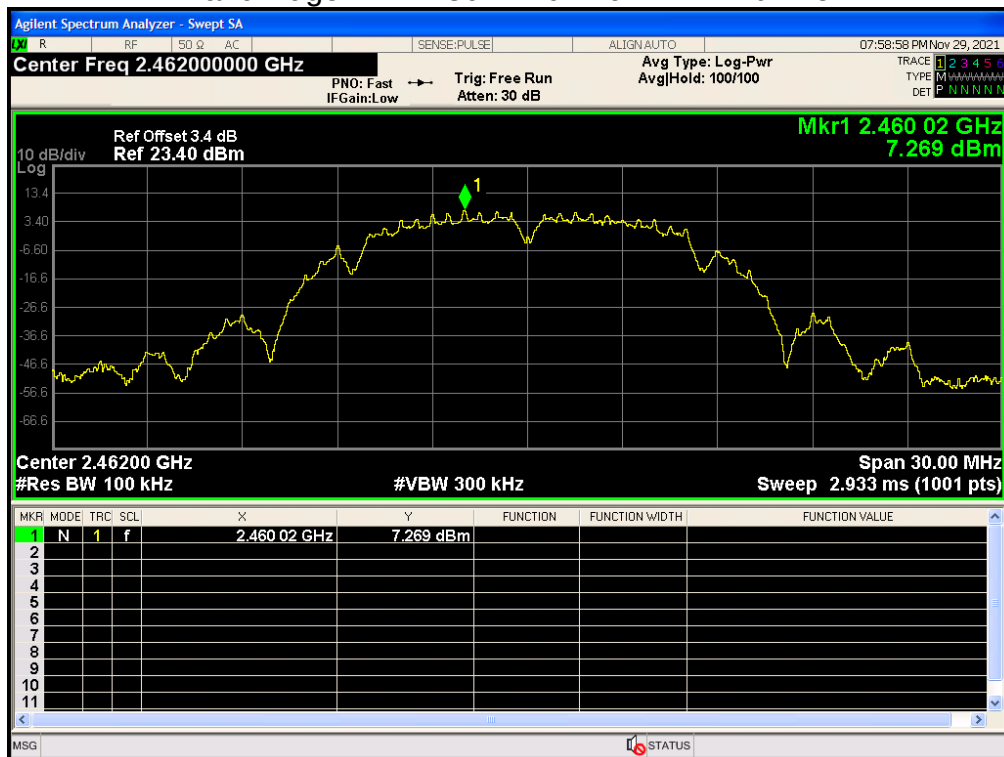
Band Edge NVNT 802.11b 2412MHz Ant1 Ref



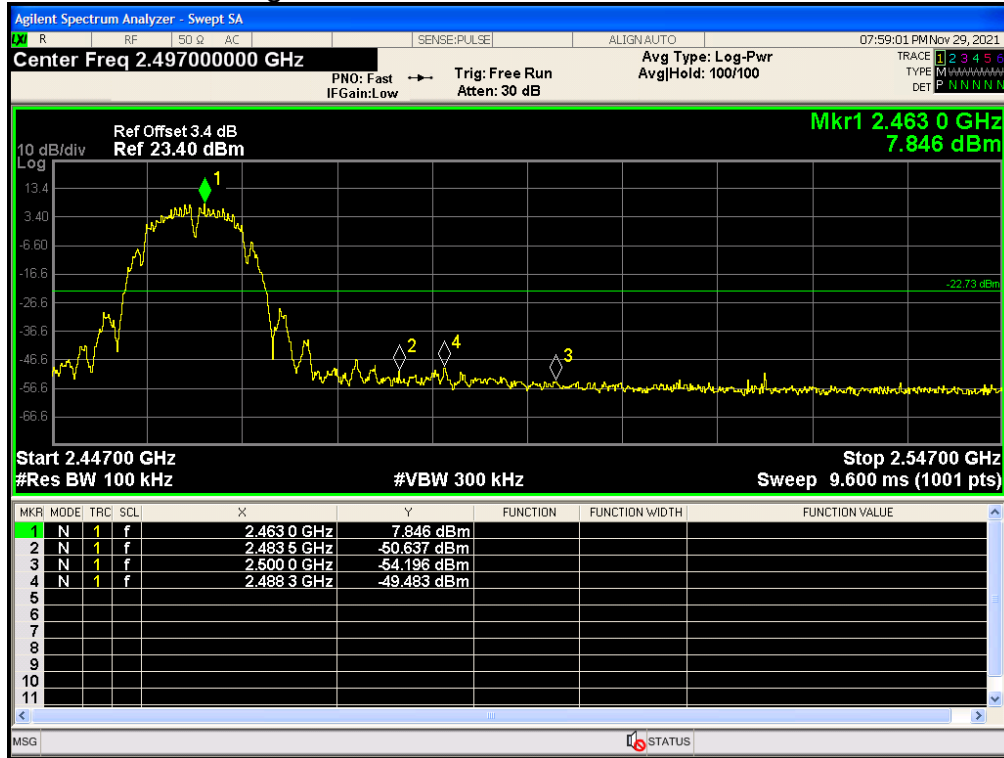
Band Edge NVNT 802.11b 2412MHz Ant1 Emission



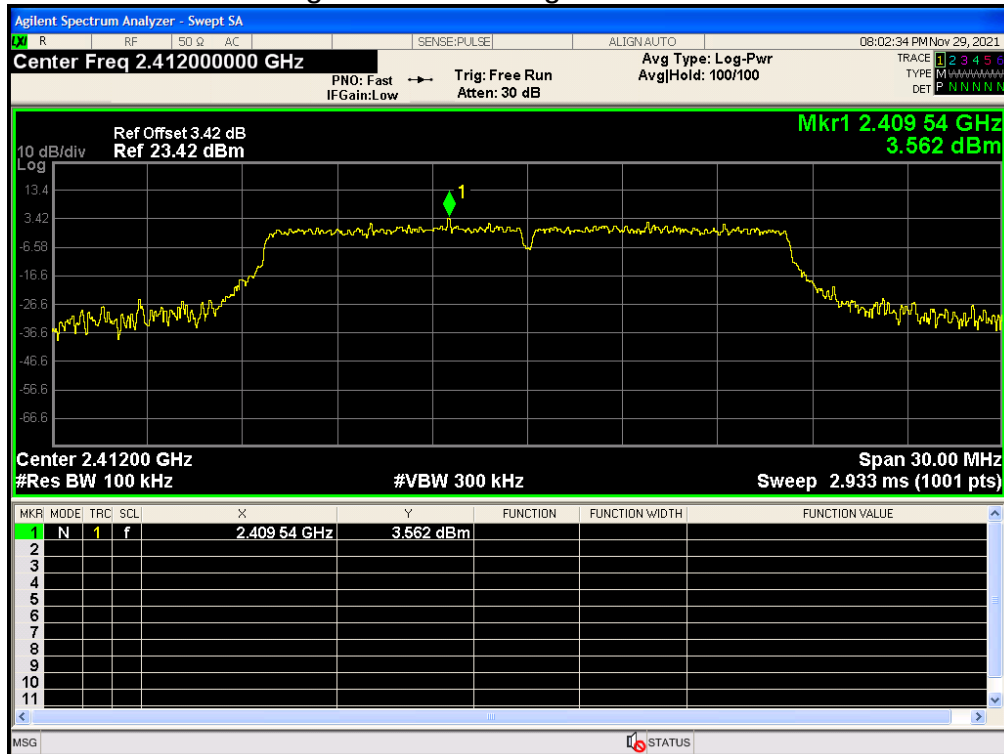
Band Edge NVNT 802.11b 2462MHz Ant1 Ref



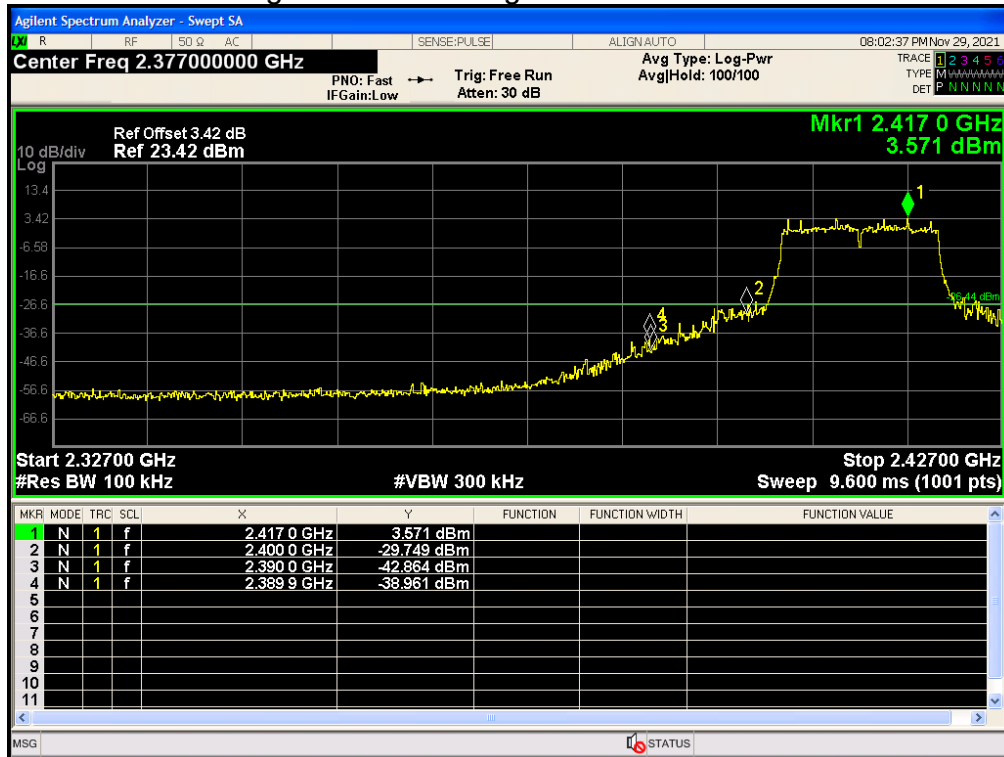
Band Edge NVNT 802.11b 2462MHz Ant1 Emission



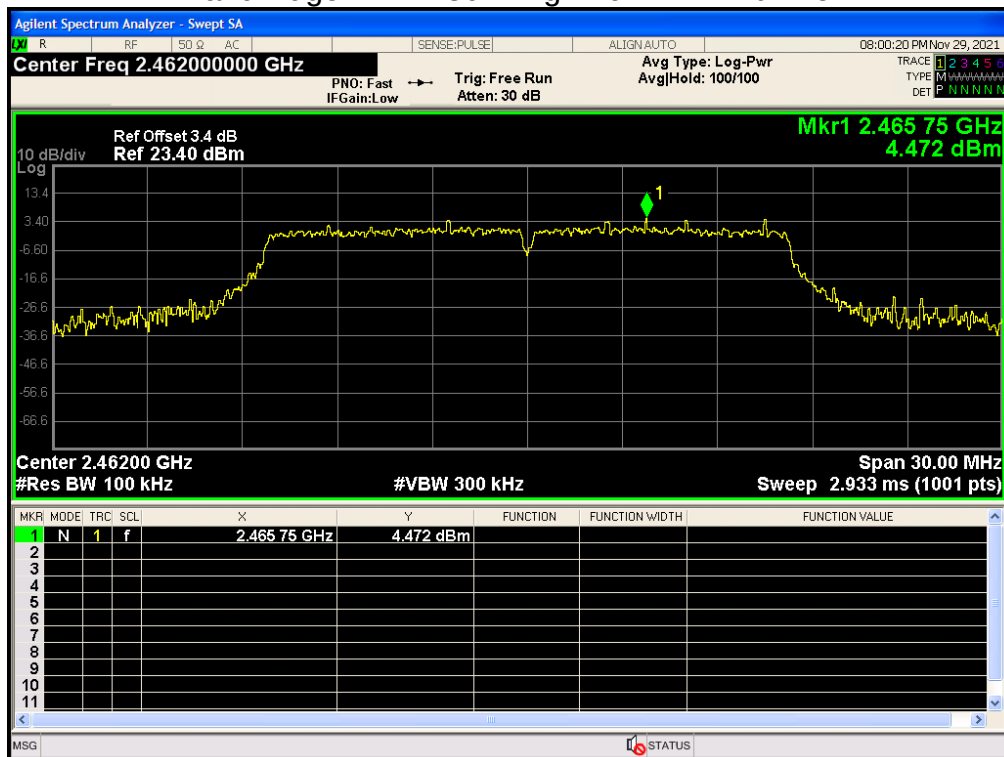
Band Edge NVNT 802.11g 2412MHz Ant1 Ref



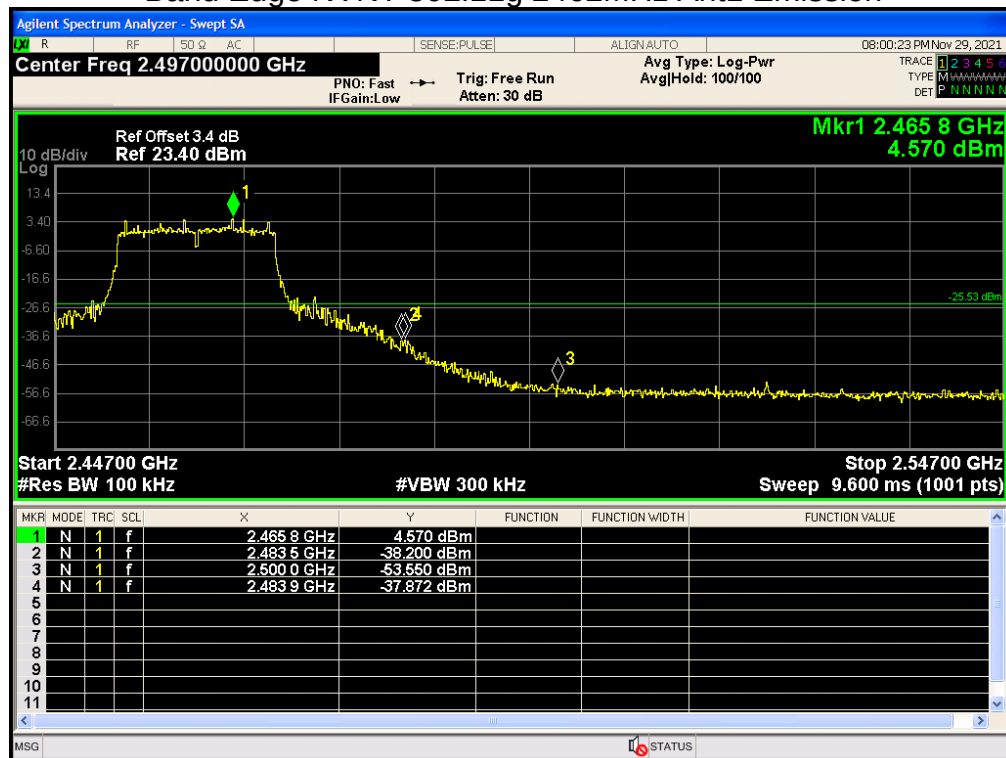
Band Edge NVNT 802.11g 2412MHz Ant1 Emission



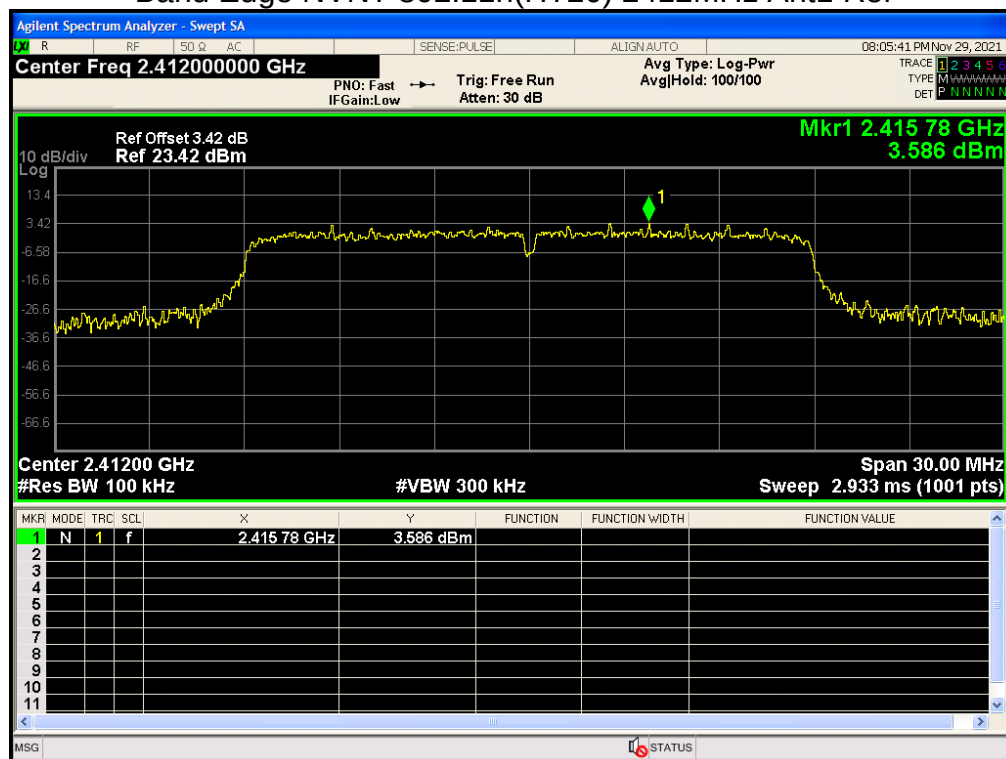
Band Edge NVNT 802.11g 2462MHz Ant1 Ref



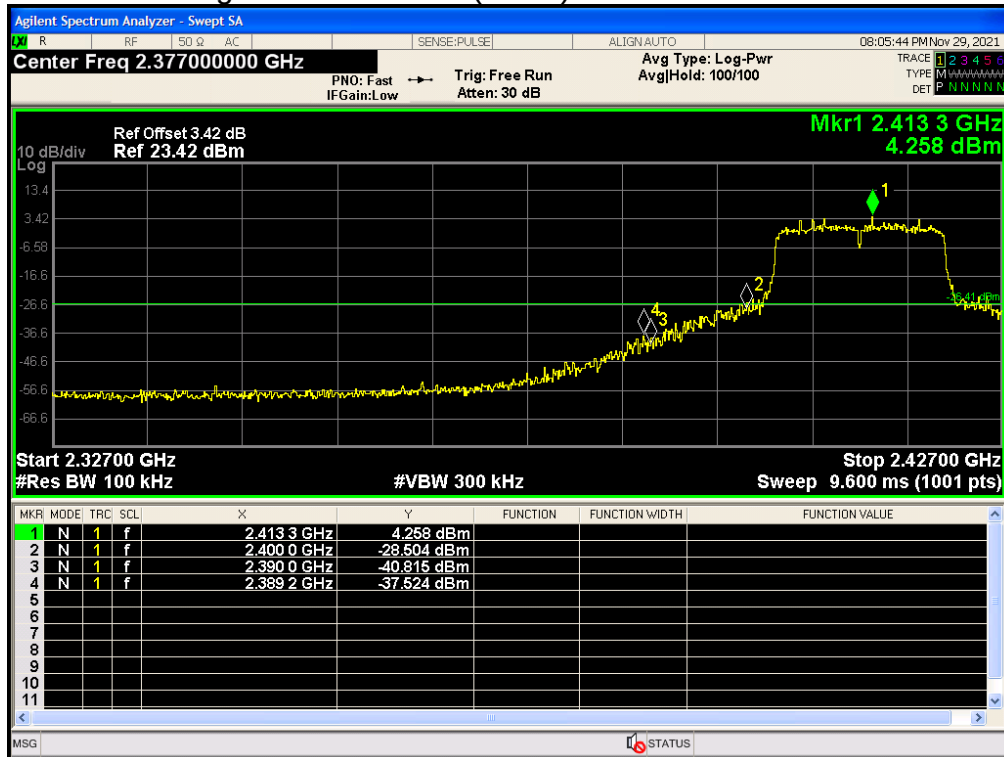
Band Edge NVNT 802.11g 2462MHz Ant1 Emission



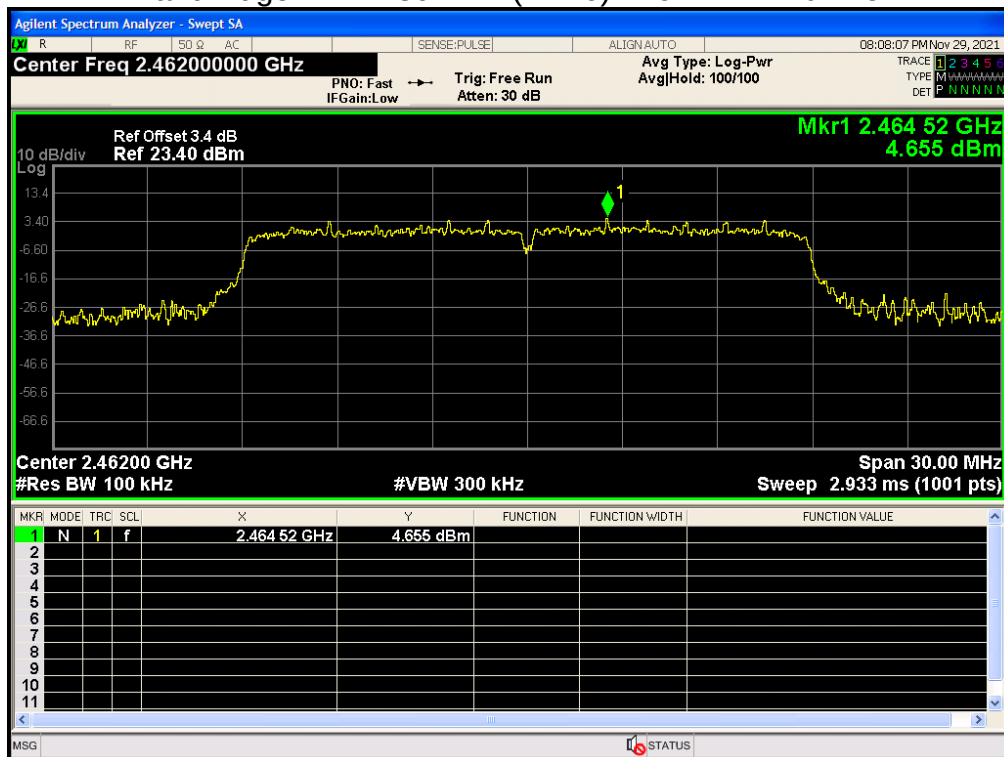
Band Edge NVNT 802.11n(HT20) 2412MHz Ant1 Ref



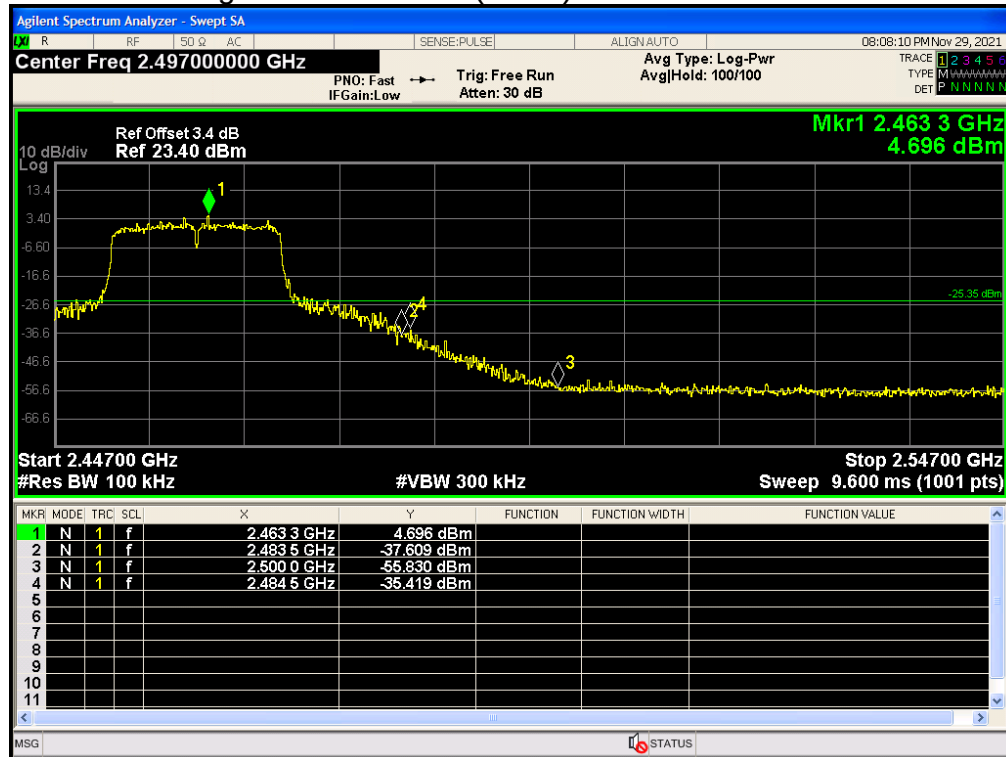
Band Edge NVNT 802.11n(HT20) 2412MHz Ant1 Emission



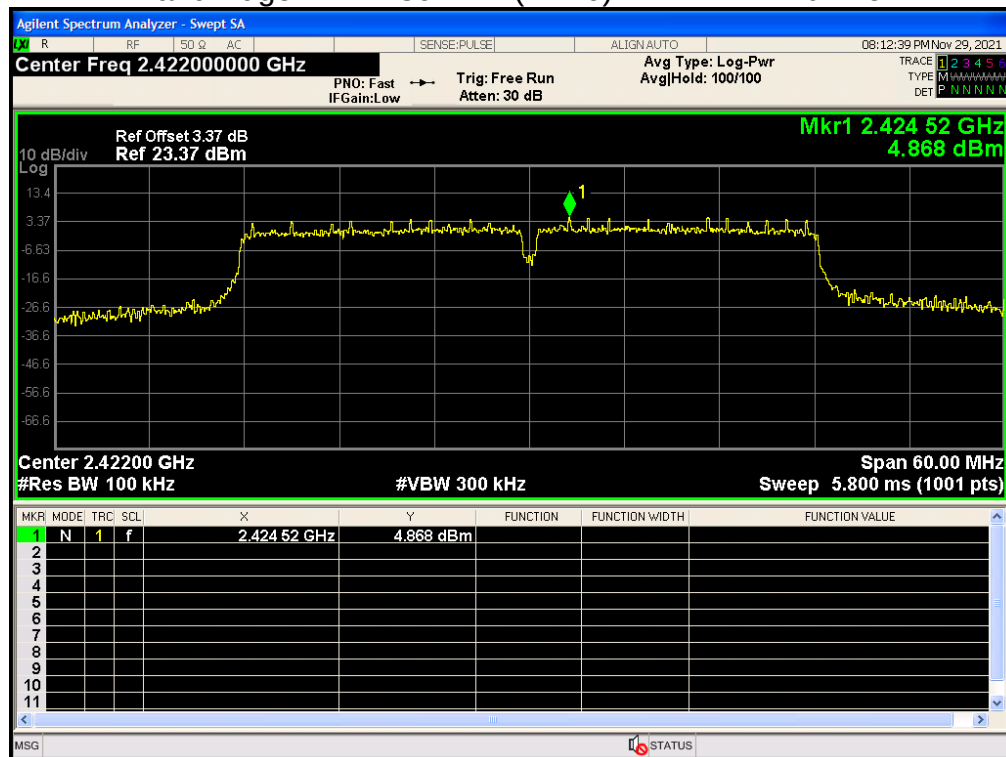
Band Edge NVNT 802.11n(HT20) 2462MHz Ant1 Ref



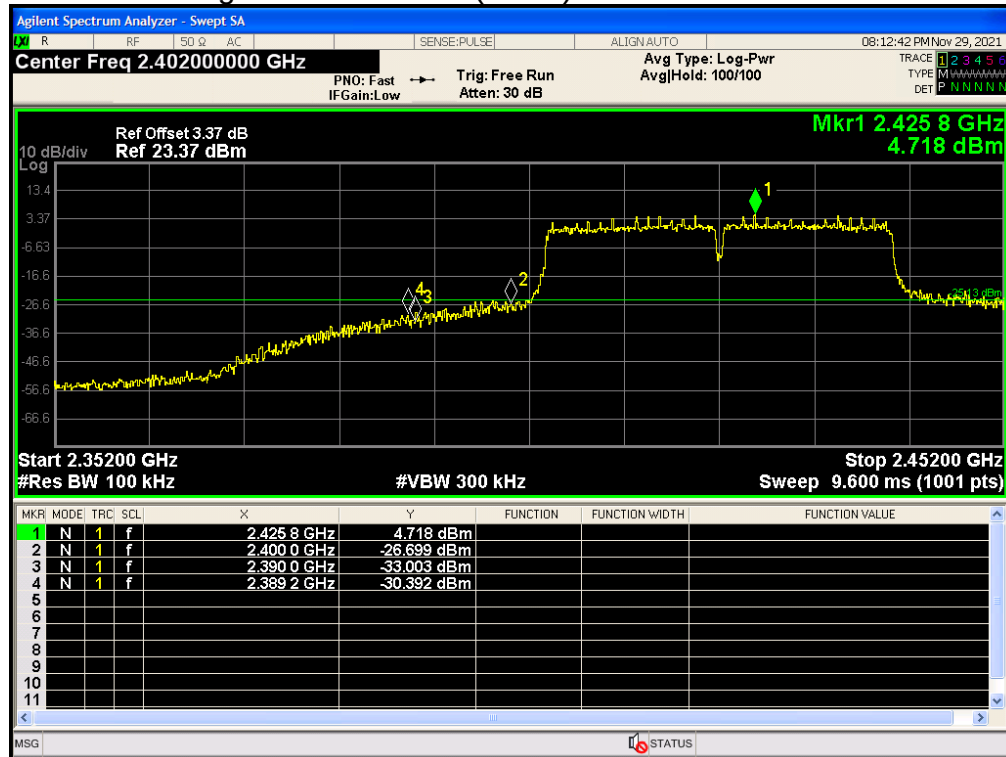
Band Edge NVNT 802.11n(HT20) 2462MHz Ant1 Emission



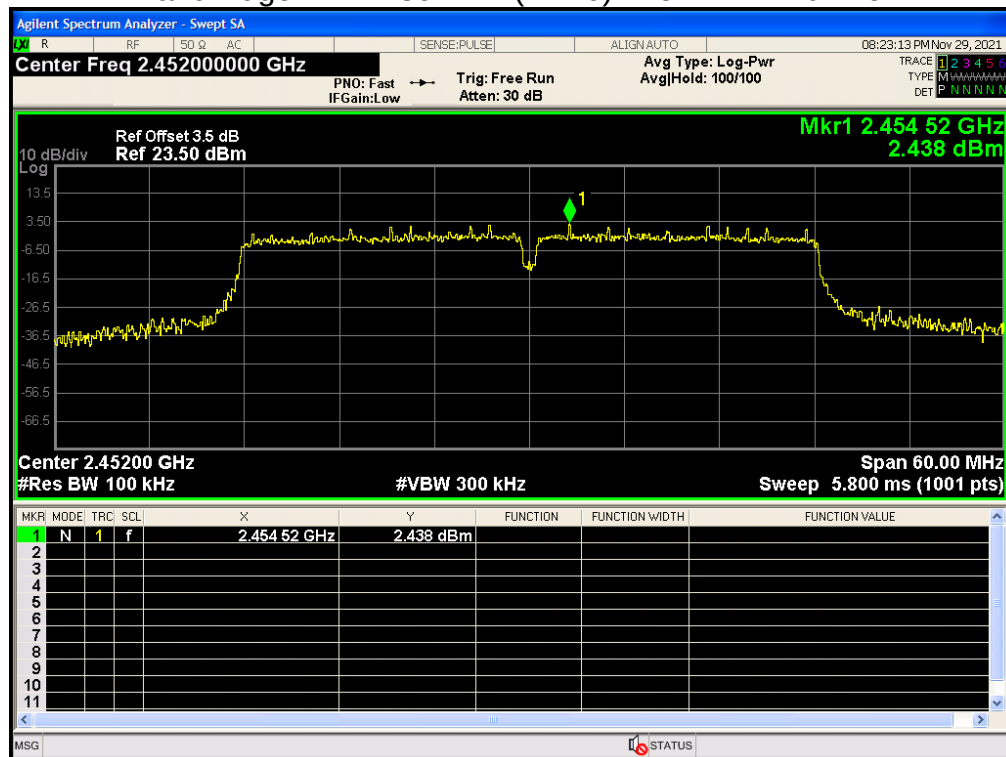
Band Edge NVNT 802.11n(HT40) 2422MHz Ant1 Ref



Band Edge NVNT 802.11n(HT40) 2422MHz Ant1 Emission



Band Edge NVNT 802.11n(HT40) 2452MHz Ant1 Ref



Band Edge NVNT 802.11n(HT40) 2452MHz Ant1 Emission



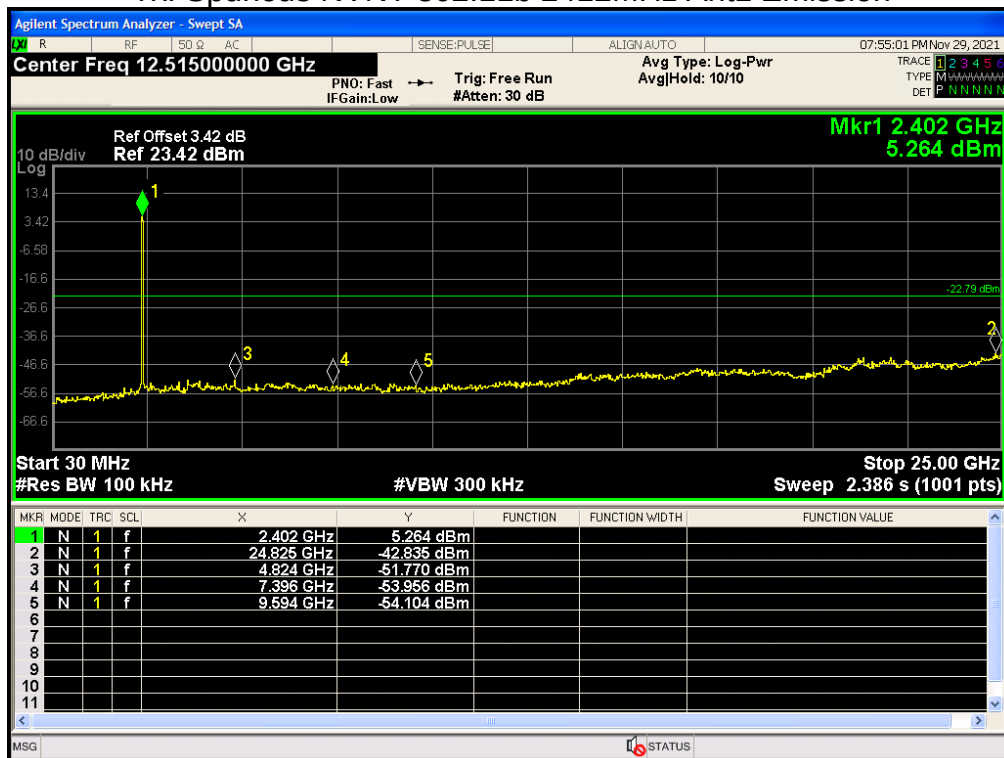
Conducted RF Spurious Emission

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	802.11b	2412	Ant 1	-50.043	-30	Pass
NVNT	802.11b	2437	Ant 1	-50.21	-30	Pass
NVNT	802.11b	2462	Ant 1	-51.041	-30	Pass
NVNT	802.11g	2412	Ant 1	-46.297	-30	Pass
NVNT	802.11g	2437	Ant 1	-46.5	-30	Pass
NVNT	802.11g	2462	Ant 1	-47.43	-30	Pass
NVNT	802.11n(HT20)	2412	Ant 1	-45.648	-30	Pass
NVNT	802.11n(HT20)	2437	Ant 1	-45.988	-30	Pass
NVNT	802.11n(HT20)	2462	Ant 1	-47.115	-30	Pass
NVNT	802.11n(HT40)	2422	Ant 1	-47.665	-30	Pass
NVNT	802.11n(HT40)	2437	Ant 1	-43.748	-30	Pass
NVNT	802.11n(HT40)	2452	Ant 1	-42.295	-30	Pass

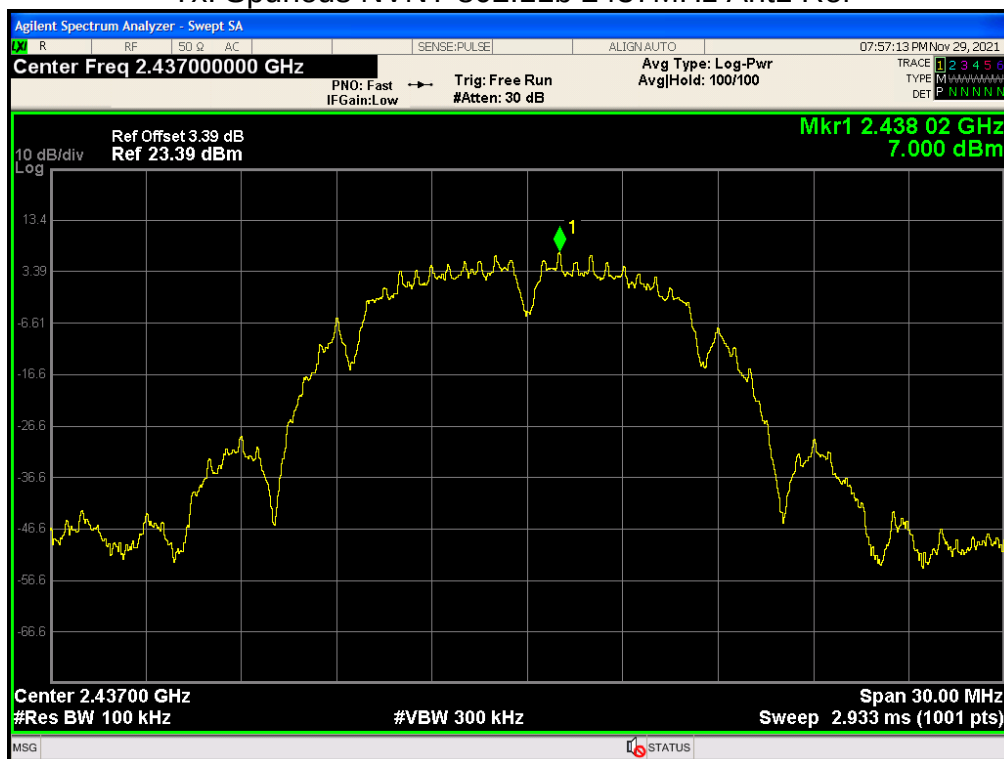
Tx. Spurious NVNT 802.11b 2412MHz Ant1 Ref



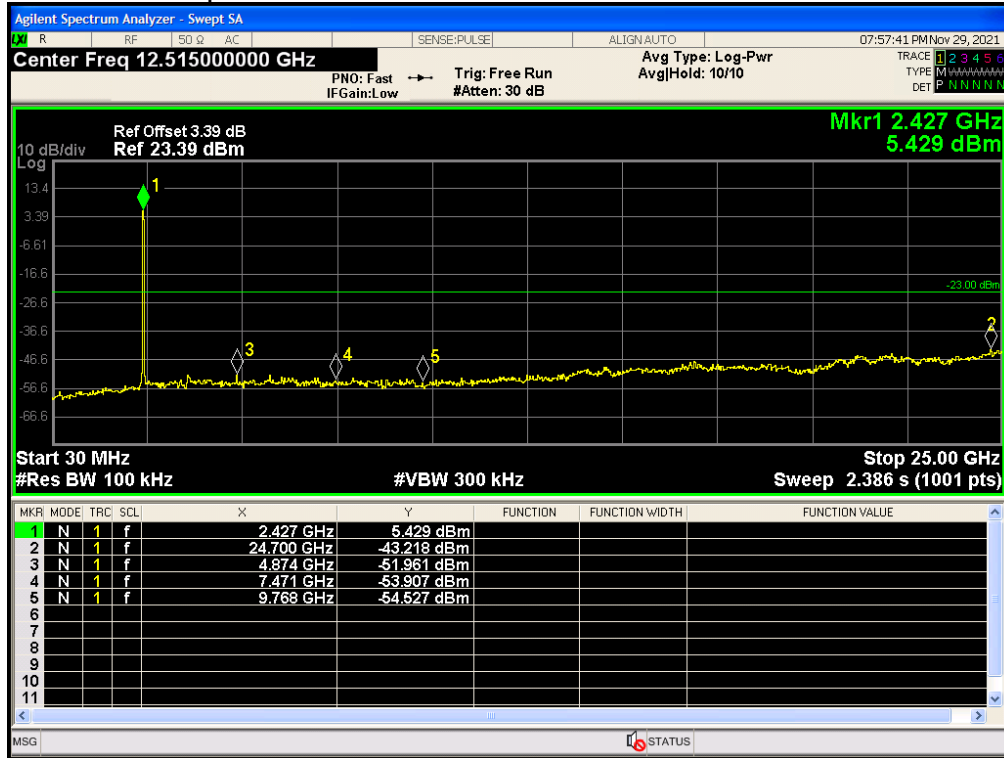
Tx. Spurious NVNT 802.11b 2412MHz Ant1 Emission



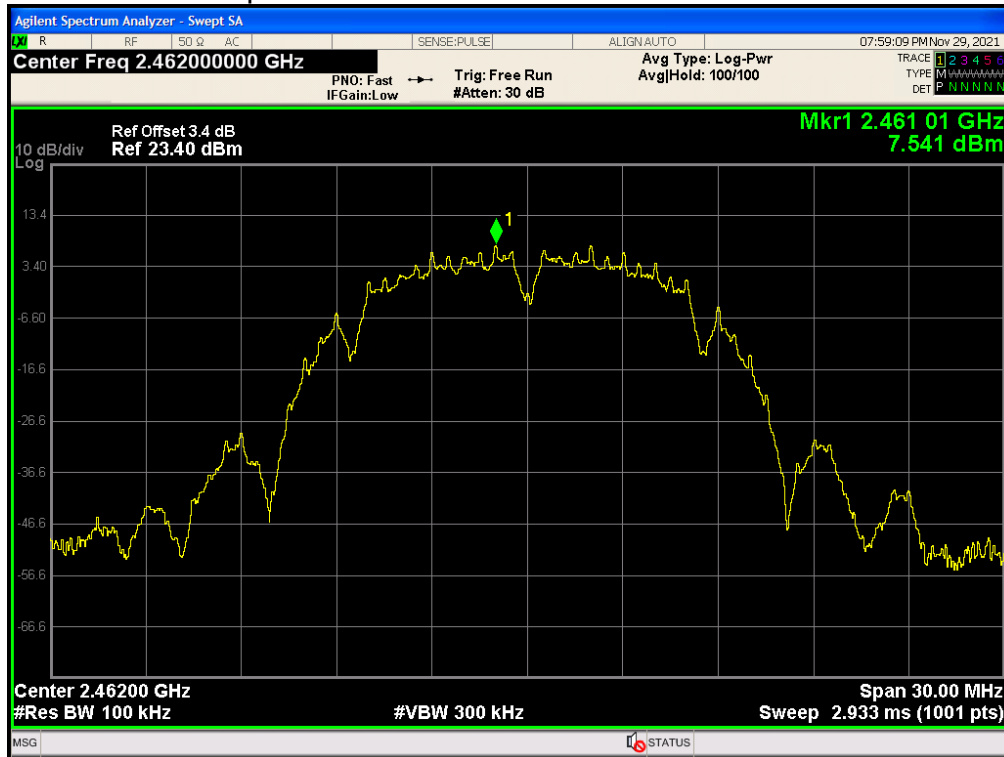
Tx. Spurious NVNT 802.11b 2437MHz Ant1 Ref



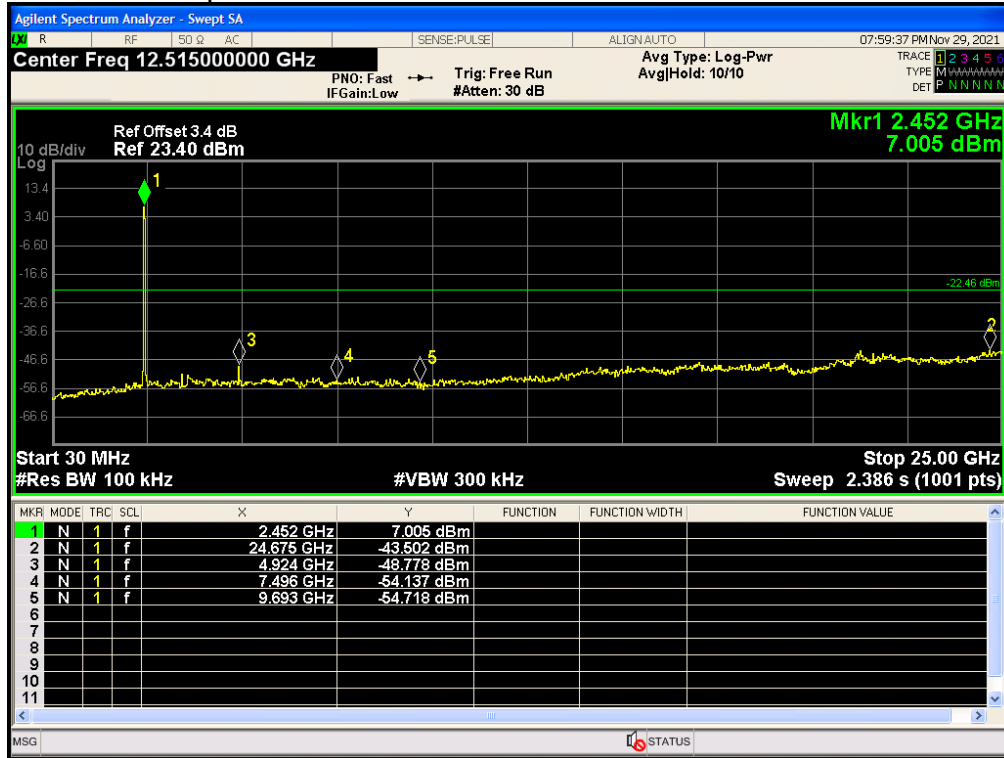
Tx. Spurious NVNT 802.11b 2437MHz Ant1 Emission



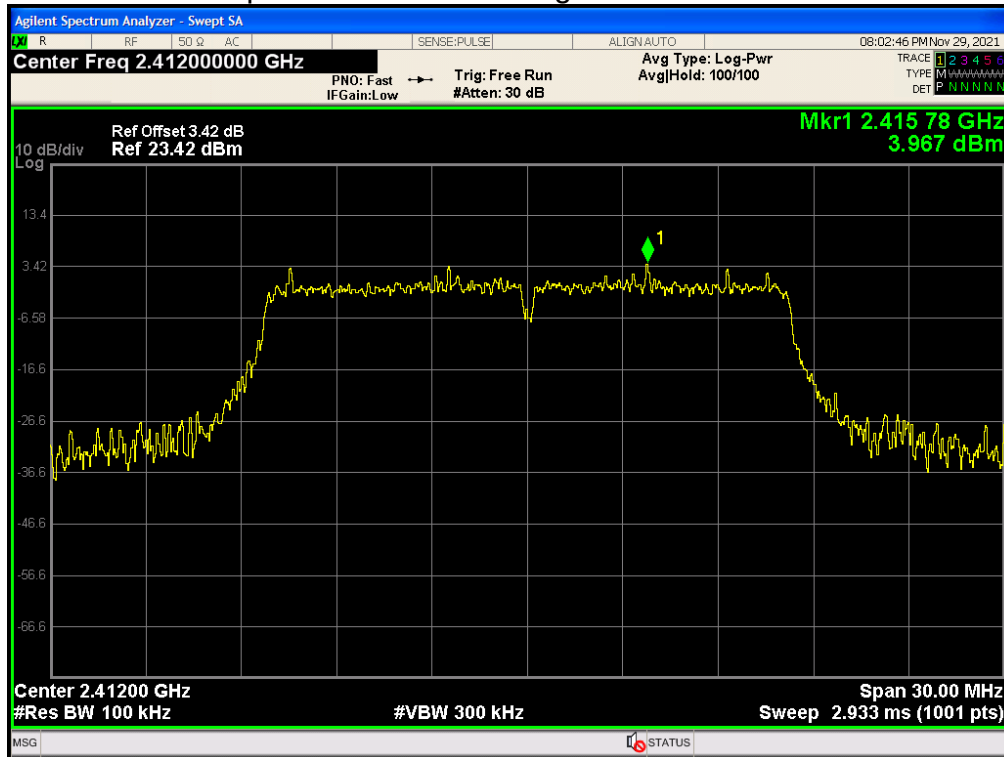
Tx. Spurious NVNT 802.11b 2462MHz Ant1 Ref



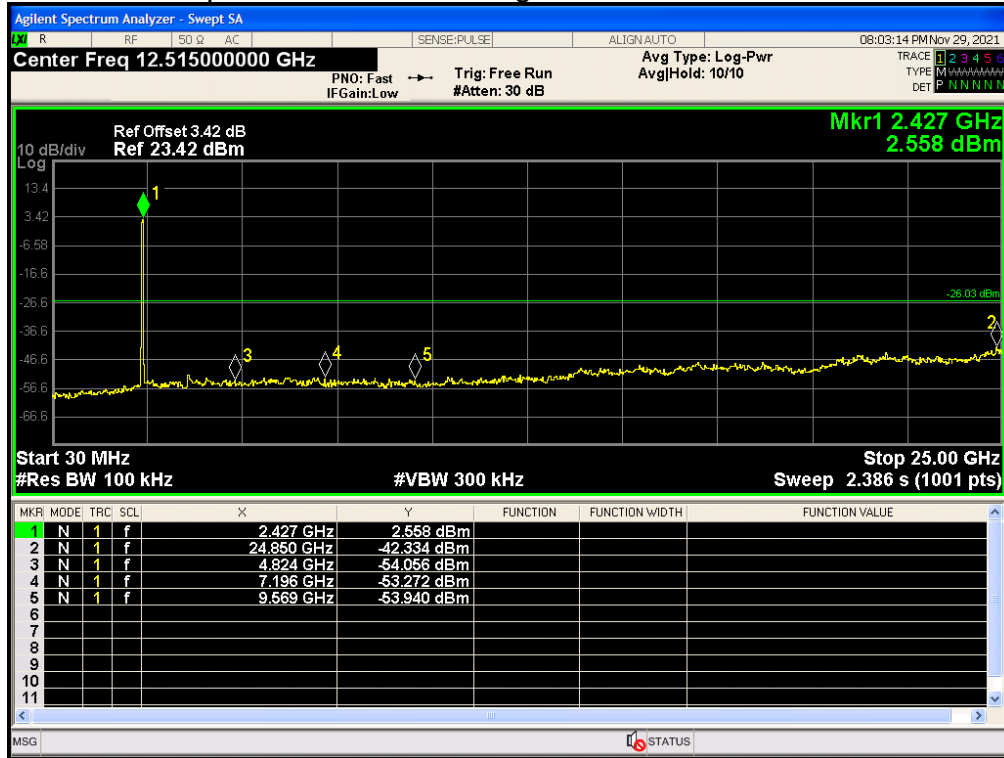
Tx. Spurious NVNT 802.11b 2462MHz Ant1 Emission



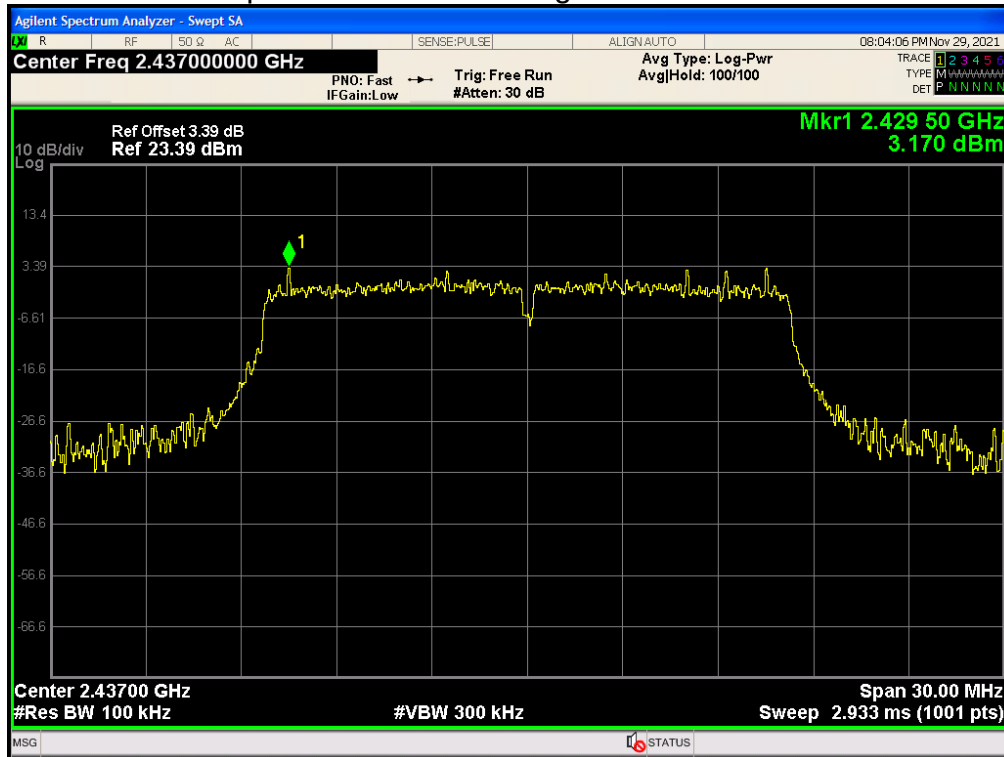
Tx. Spurious NVNT 802.11g 2412MHz Ant1 Ref



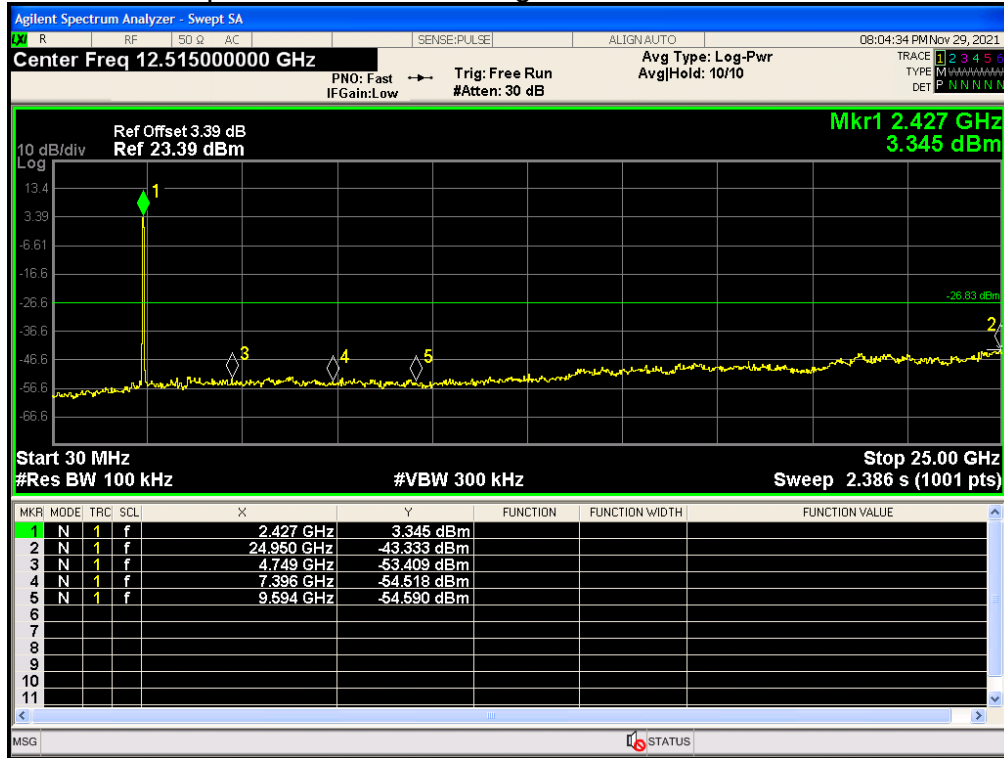
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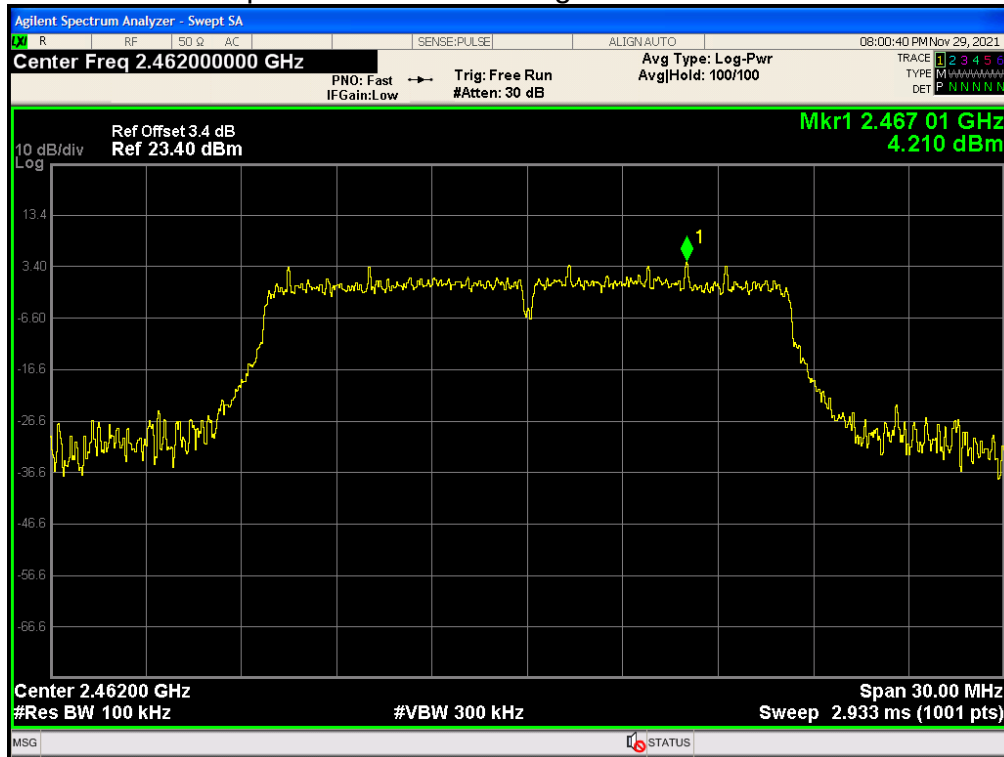
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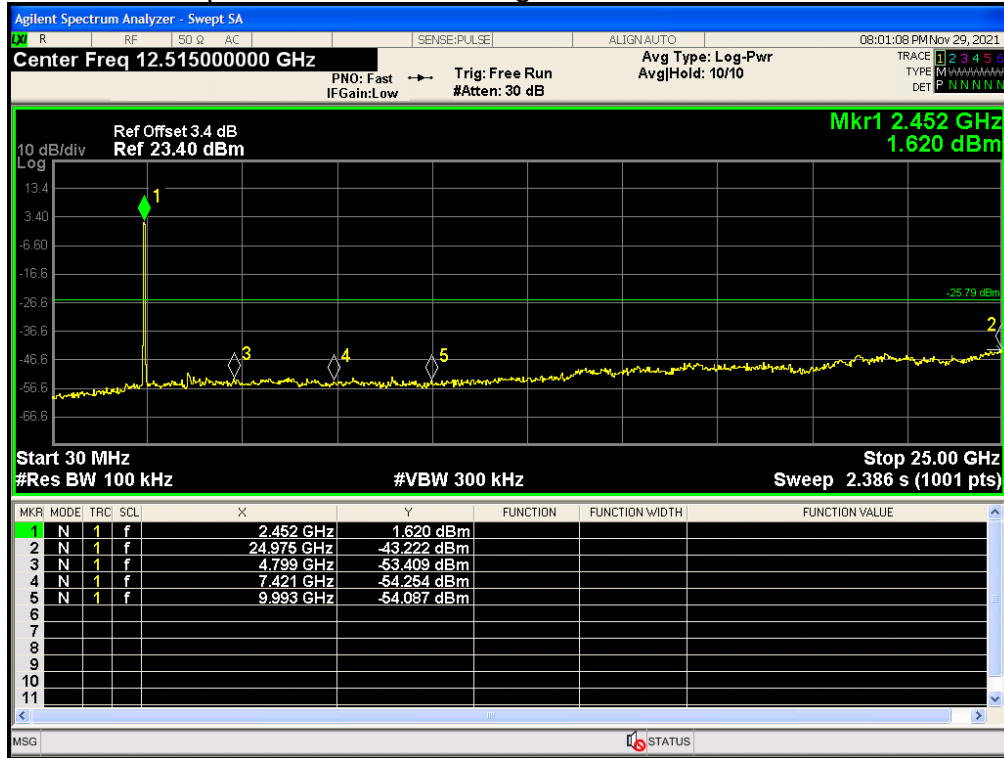
Tx. Spurious NVNT 802.11g 2437MHz Ant1 Emission



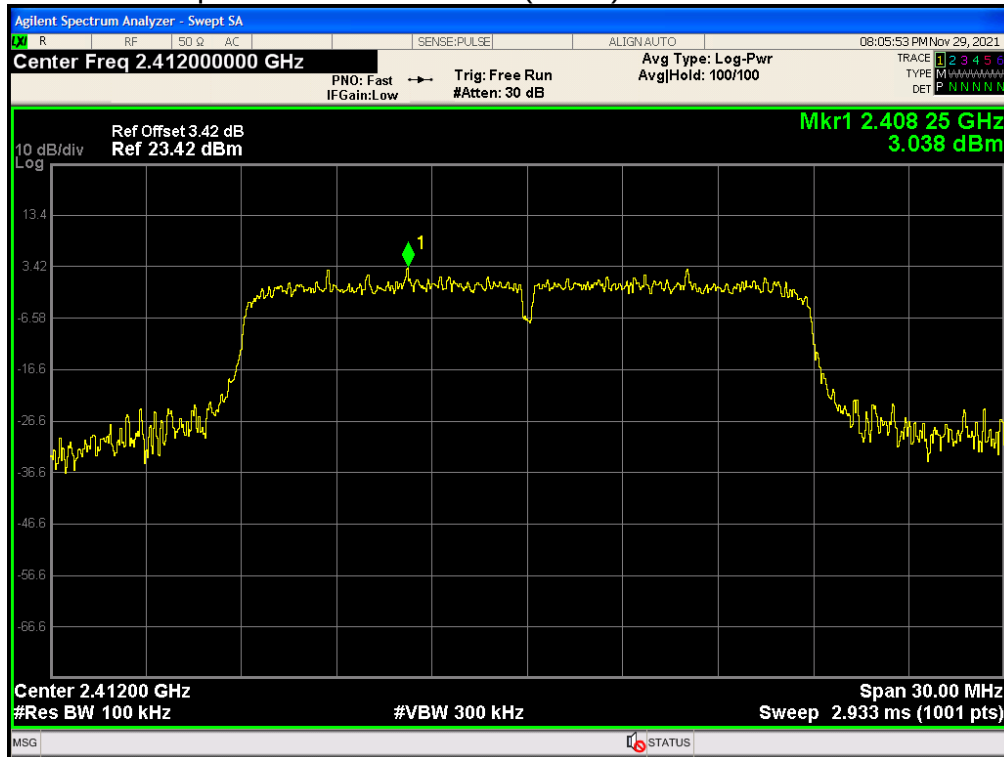
Tx. Spurious NVNT 802.11g 2462MHz Ant1 Ref



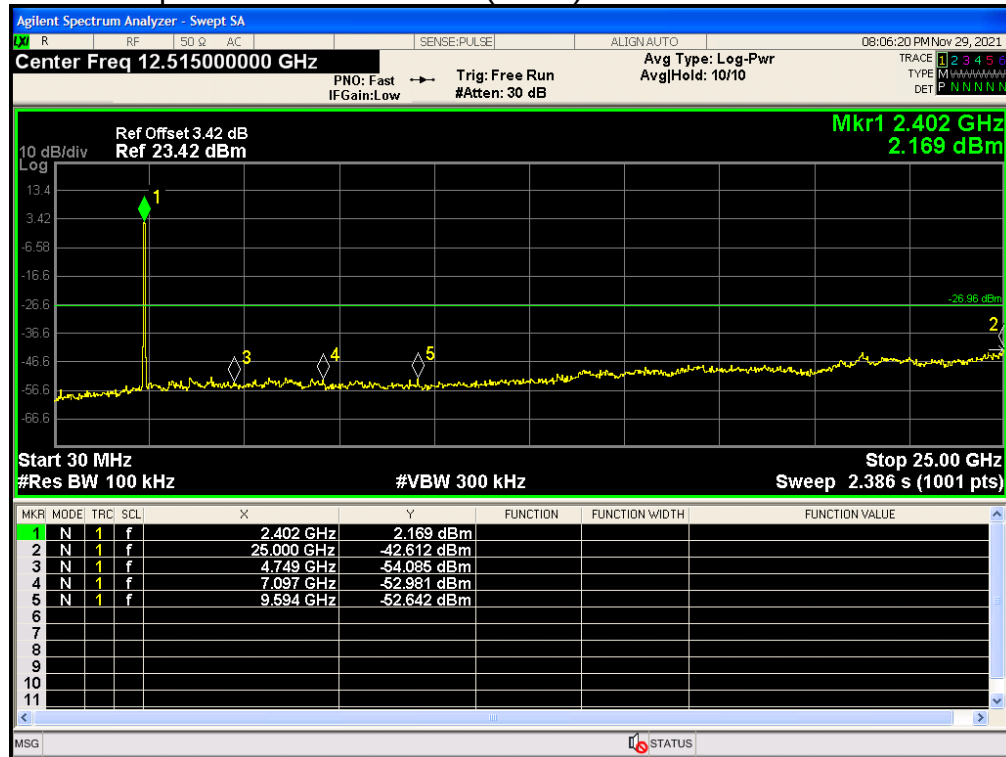
Tx. Spurious NVNT 802.11g 2462MHz Ant1 Emission



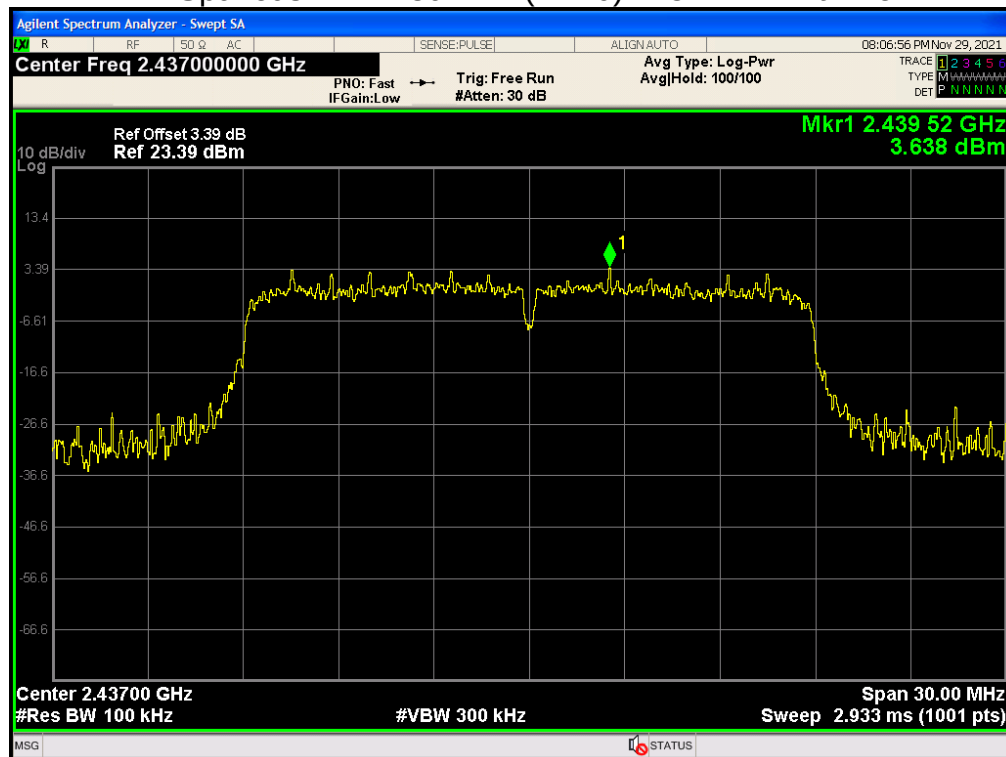
Tx. Spurious NVNT 802.11n(HT20) 2412MHz Ant1 Ref



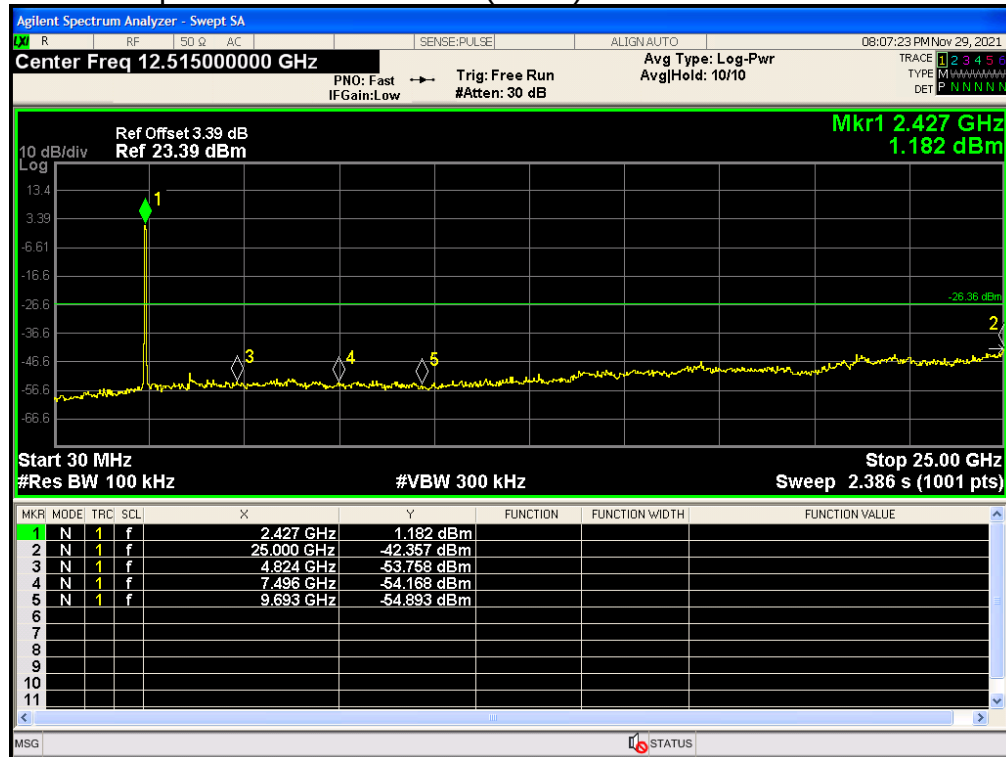
Tx. Spurious NVNT 802.11n(HT20) 2412MHz Ant1 Emission



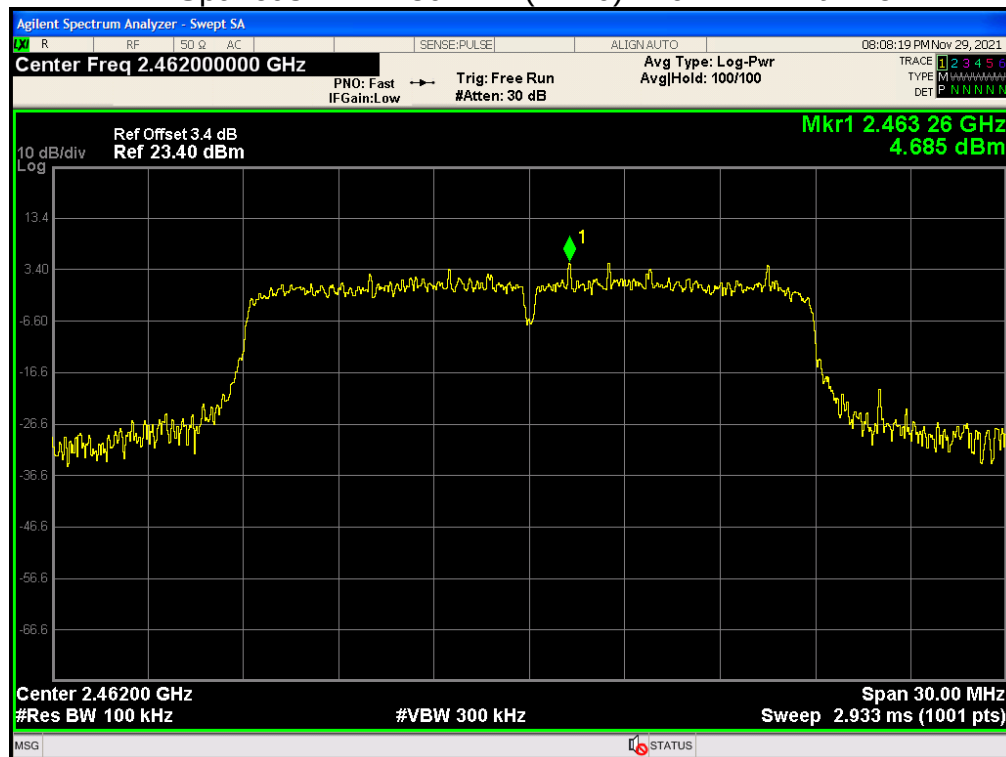
Tx. Spurious NVNT 802.11n(HT20) 2437MHz Ant1 Ref



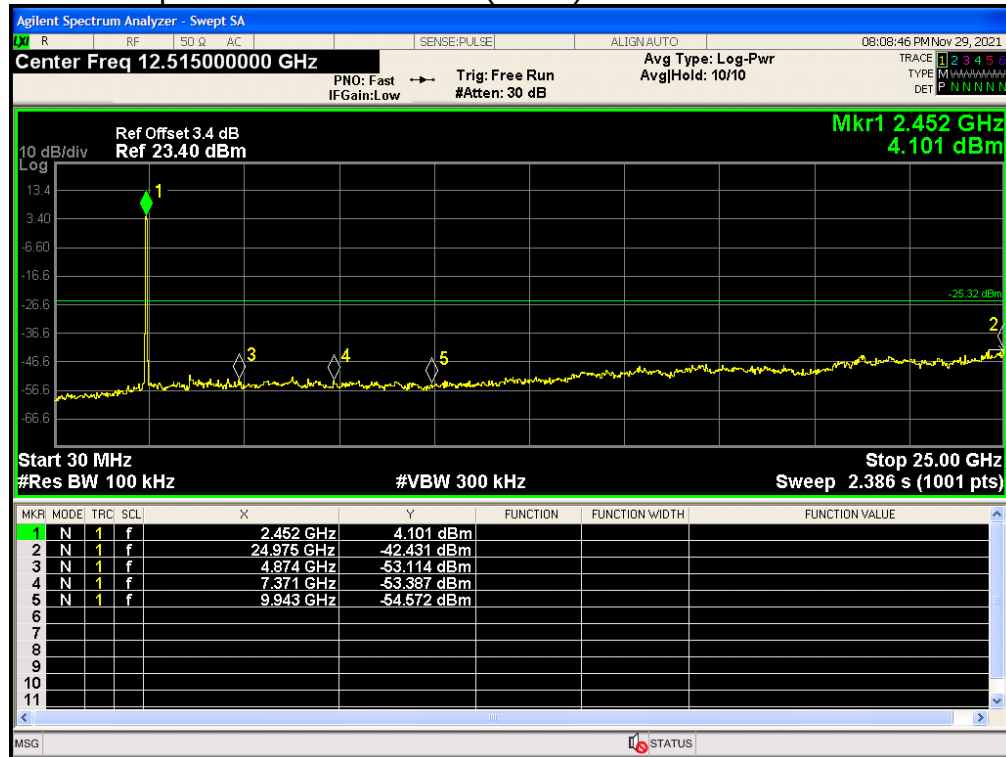
Tx. Spurious NVNT 802.11n(HT20) 2437MHz Ant1 Emission



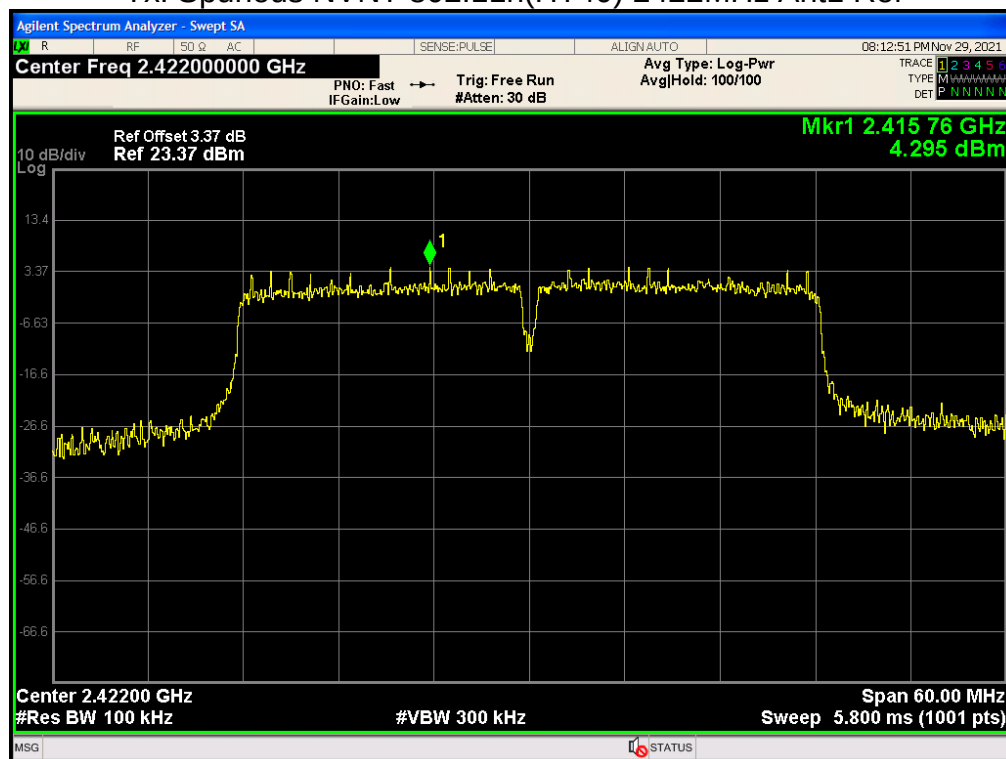
Tx. Spurious NVNT 802.11n(HT20) 2462MHz Ant1 Ref



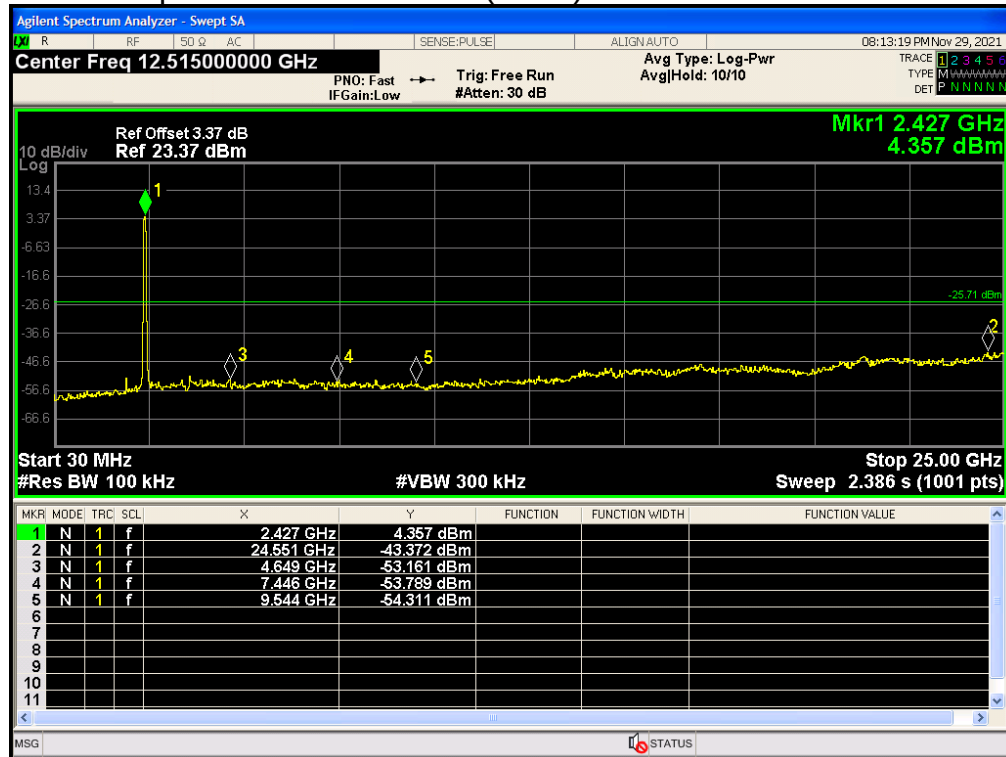
Tx. Spurious NVNT 802.11n(HT20) 2462MHz Ant1 Emission



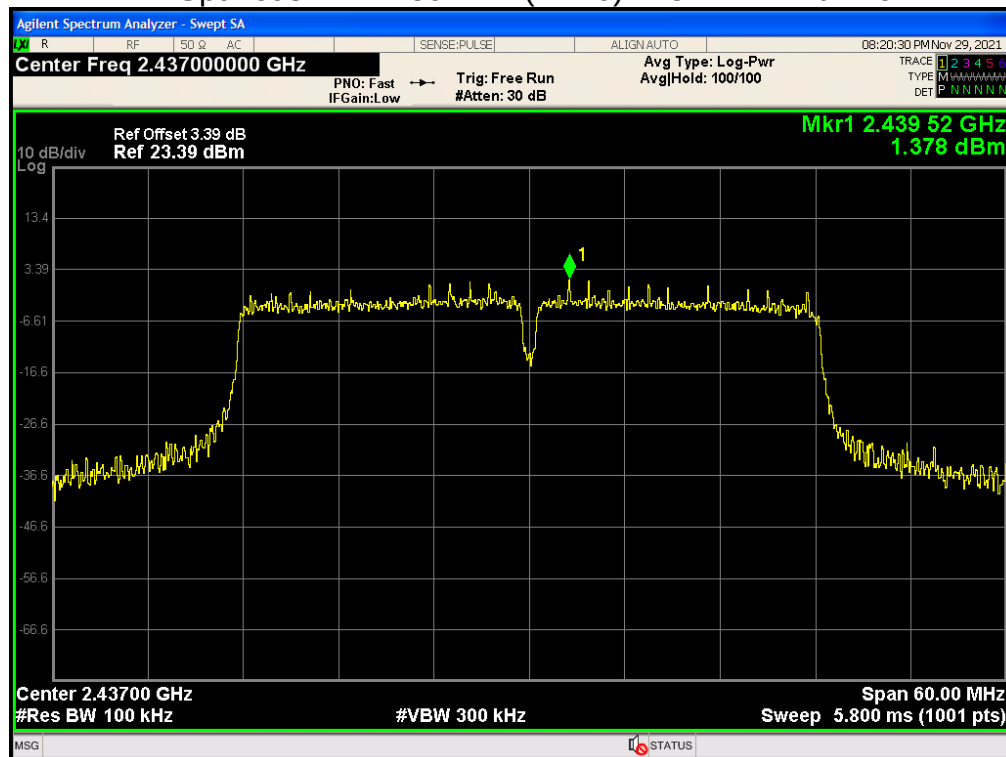
Tx. Spurious NVNT 802.11n(HT40) 2422MHz Ant1 Ref



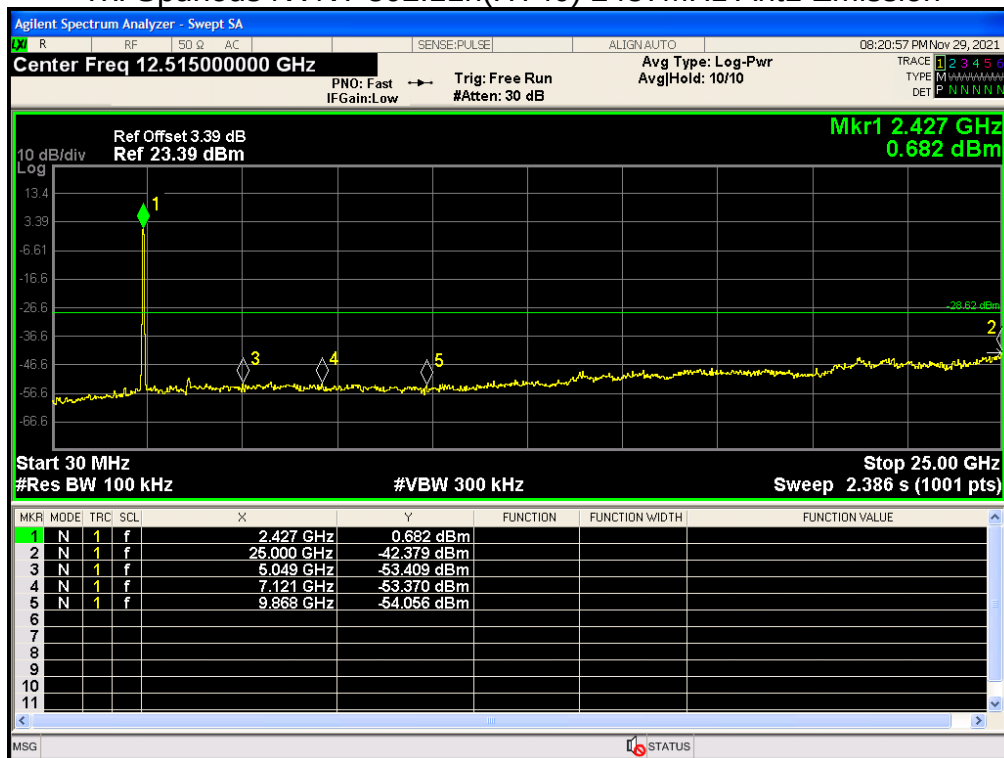
Tx. Spurious NVNT 802.11n(HT40) 2422MHz Ant1 Emission



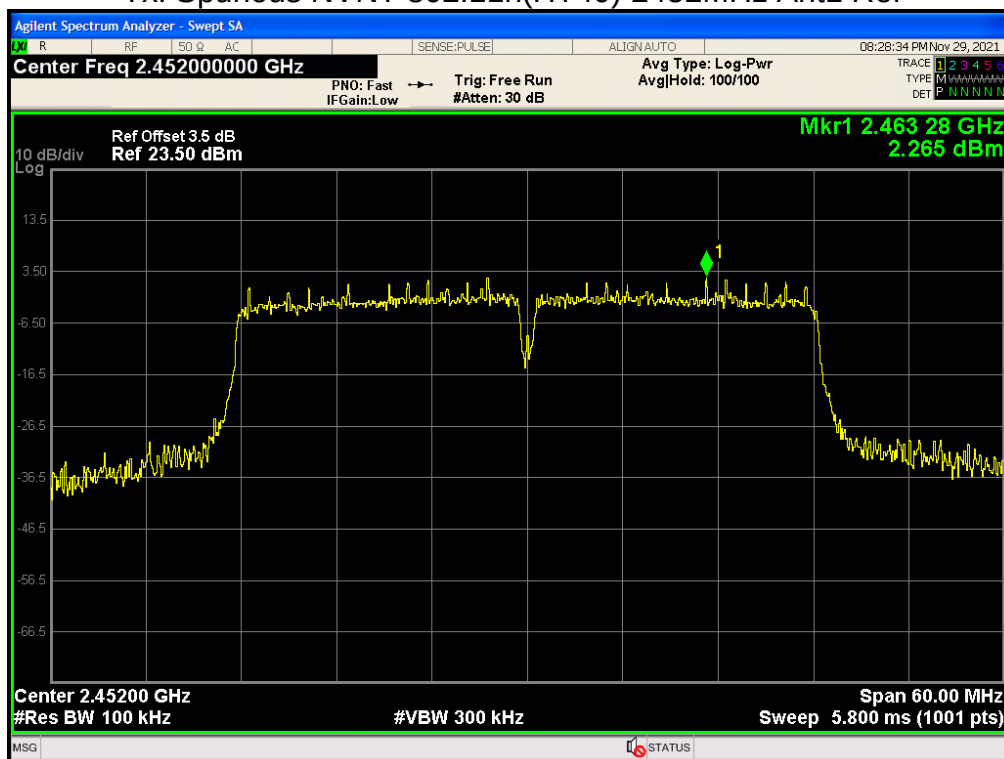
Tx. Spurious NVNT 802.11n(HT40) 2437MHz Ant1 Ref



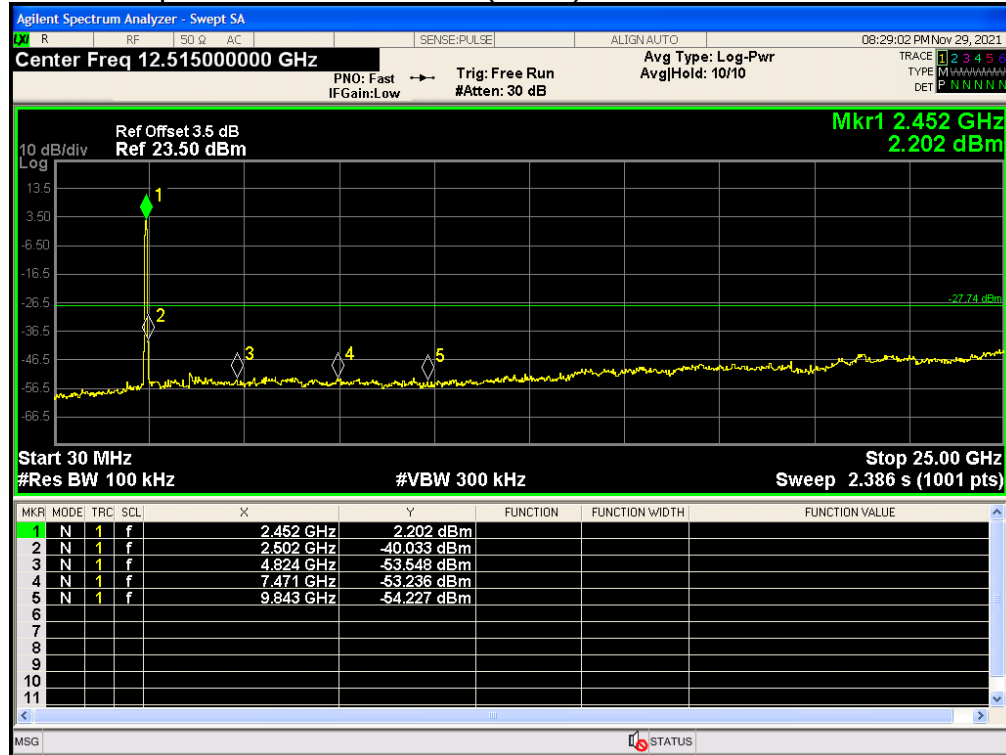
Tx. Spurious NVNT 802.11n(HT40) 2437MHz Ant1 Emission



Tx. Spurious NVNT 802.11n(HT40) 2452MHz Ant1 Ref



Tx. Spurious NVNT 802.11n(HT40) 2452MHz Ant1 Emission



-----End of report-----