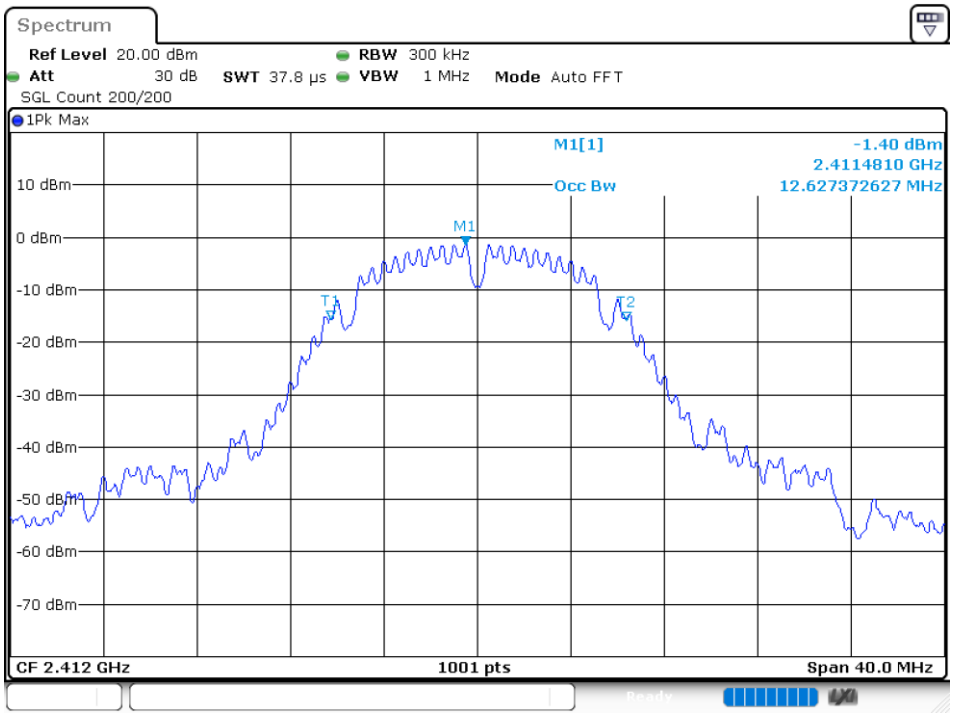
8.2 MAXIMUM CONDUCTED OUTPUT POWER

Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Duty Factor (dB)	Total Power (dBm)	Limit (dBm)	Verdict
NVNT	802.11b	2412	Ant 1	14	0	14	30	Pass
NVNT	802.11b	2437	Ant 1	13.77	0	13.77	30	Pass
NVNT	802.11b	2462	Ant 1	13.47	0	13.47	30	Pass
NVNT	802.11g	2412	Ant 1	12.59	0	12.59	30	Pass
NVNT	802.11g	2437	Ant 1	12.1	0	12.1	30	Pass
NVNT	802.11g	2462	Ant 1	11.59	0	11.59	30	Pass
NVNT	802.11n(HT20)	2412	Ant 1	12.29	0	12.29	30	Pass
NVNT	802.11n(HT20)	2437	Ant 1	11.62	0	11.62	30	Pass
NVNT	802.11n(HT20)	2462	Ant 1	11.13	0	11.13	30	Pass
NVNT	802.11n(HT40)	2422	Ant 1	11.67	0	11.67	30	Pass
NVNT	802.11n(HT40)	2437	Ant 1	10.76	0	10.76	30	Pass
NVNT	802.11n(HT40)	2452	Ant 1	11.6	0	11.6	30	Pass

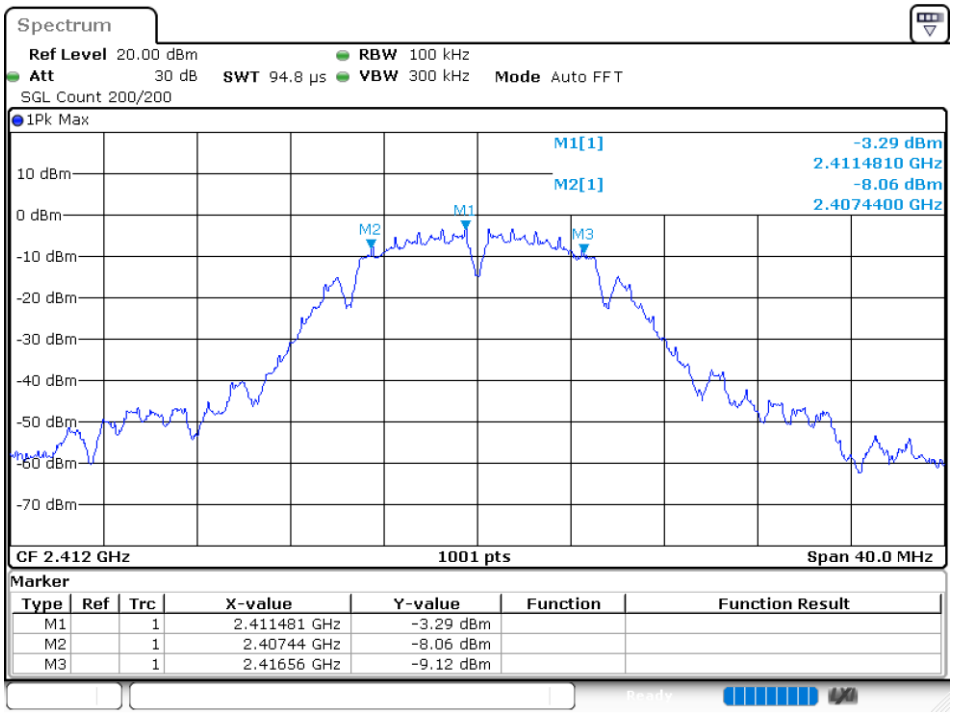
8.3 OCCUPIED CHANNEL BANDWIDTH

Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)	-6 dB Bandwidth (MHz)	Limit -6 dB Bandwidth (MHz)	Verdict
NVNT	802.11b	2412	Ant 1	12.6274	9.12	≥0.5	Pass
NVNT	802.11b	2437	Ant 1	12.8671	9.12	≥0.5	Pass
NVNT	802.11b	2462	Ant 1	13.2268	9.12	≥0.5	Pass
NVNT	802.11g	2412	Ant 1	16.8631	16.32	≥0.5	Pass
NVNT	802.11g	2437	Ant 1	16.8631	16.32	≥0.5	Pass
NVNT	802.11g	2462	Ant 1	16.7832	16.36	≥0.5	Pass
NVNT	802.11n(HT20)	2412	Ant 1	17.5824	17.56	≥0.5	Pass
NVNT	802.11n(HT20)	2437	Ant 1	17.6623	17.6	≥0.5	Pass
NVNT	802.11n(HT20)	2462	Ant 1	17.6623	17.6	≥0.5	Pass
NVNT	802.11n(HT40)	2422	Ant 1	36.2837	36.32	≥0.5	Pass
NVNT	802.11n(HT40)	2437	Ant 1	36.1239	36.32	≥0.5	Pass
NVNT	802.11n(HT40)	2452	Ant 1	36.1239	36	≥0.5	Pass

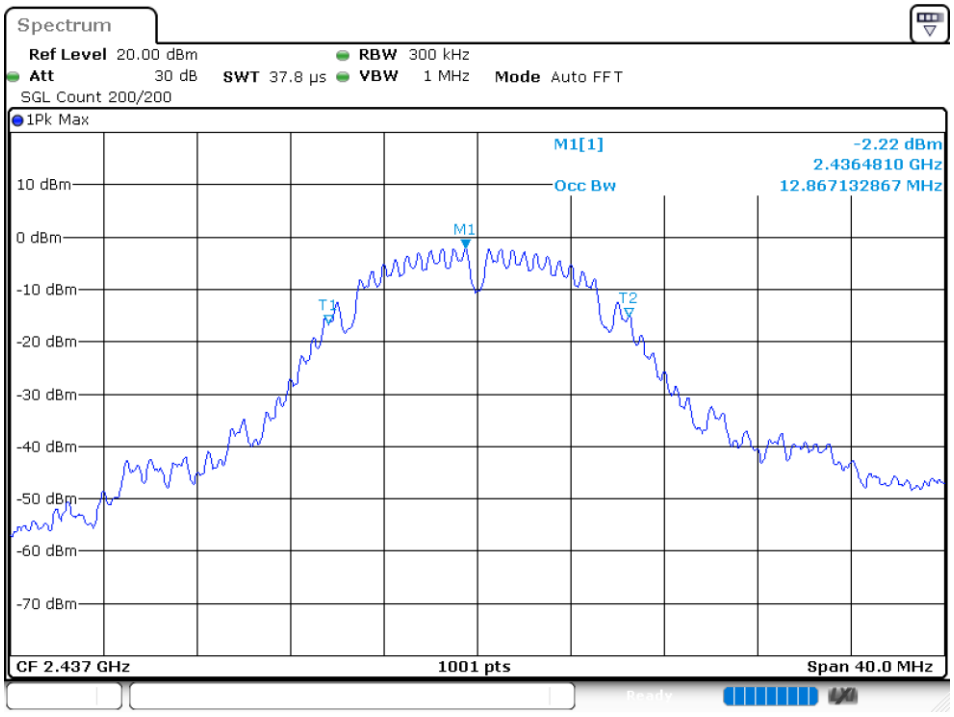
OBW NVNT 802.11b 2412MHz Ant1



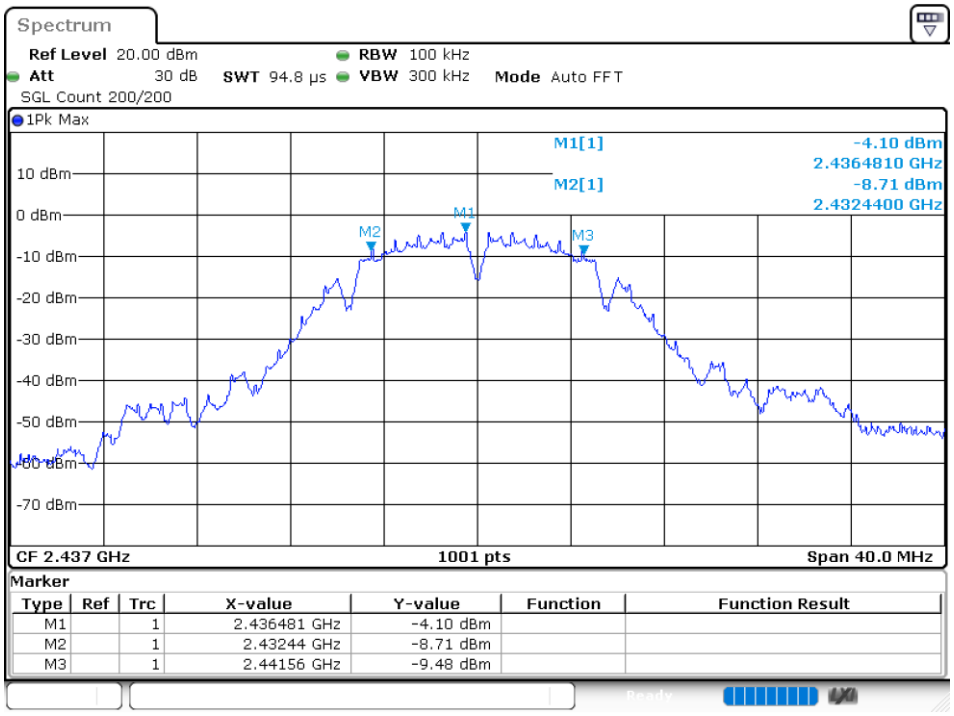
-6 dB BW NVNT 802.11b 2412MHz Ant1



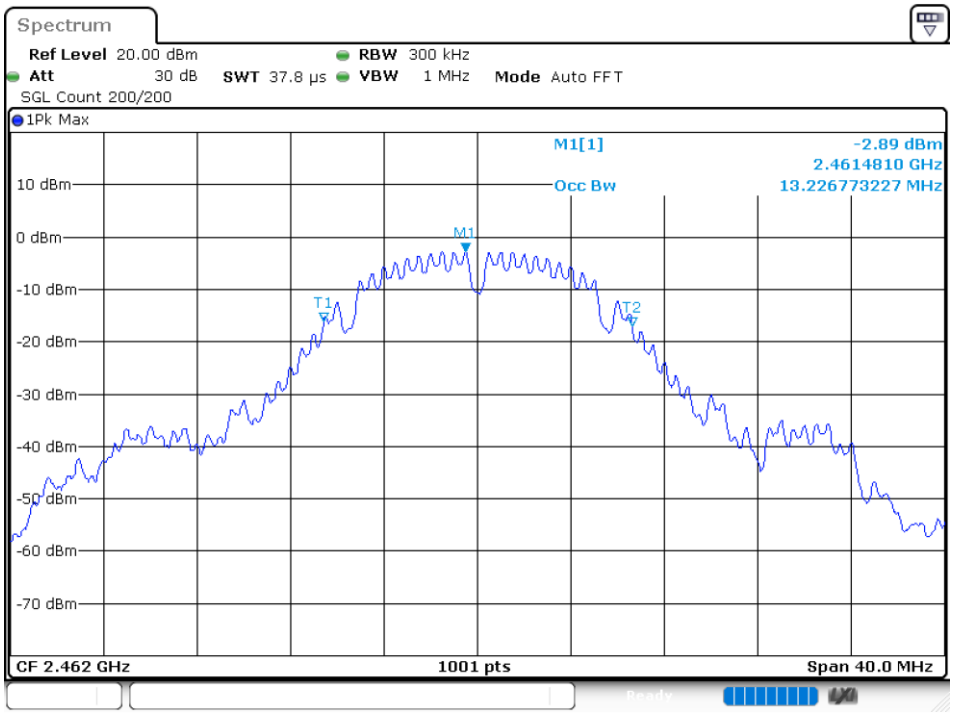
OBW NVNT 802.11b 2437MHz Ant1



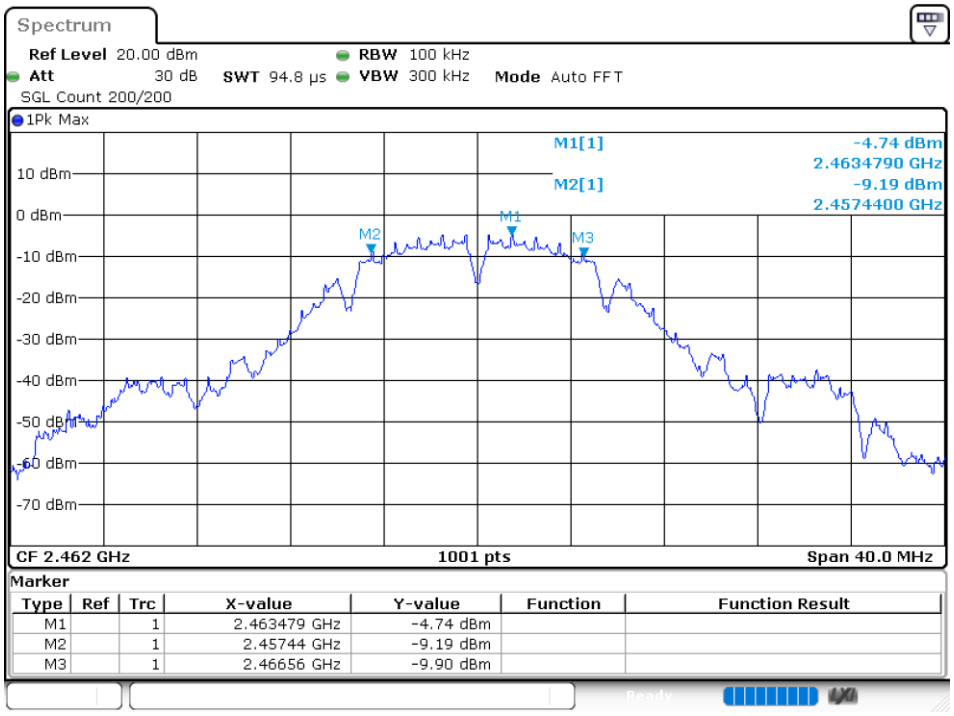
-6 dB BW NVNT 802.11b 2437MHz Ant1



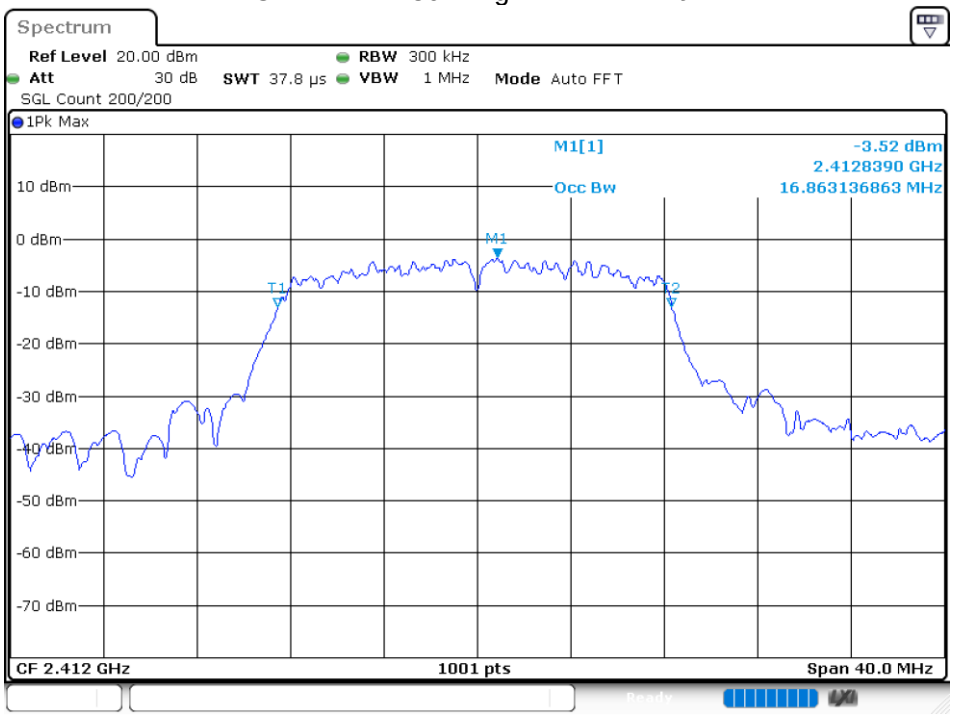
OBW NVNT 802.11b 2462MHz Ant1



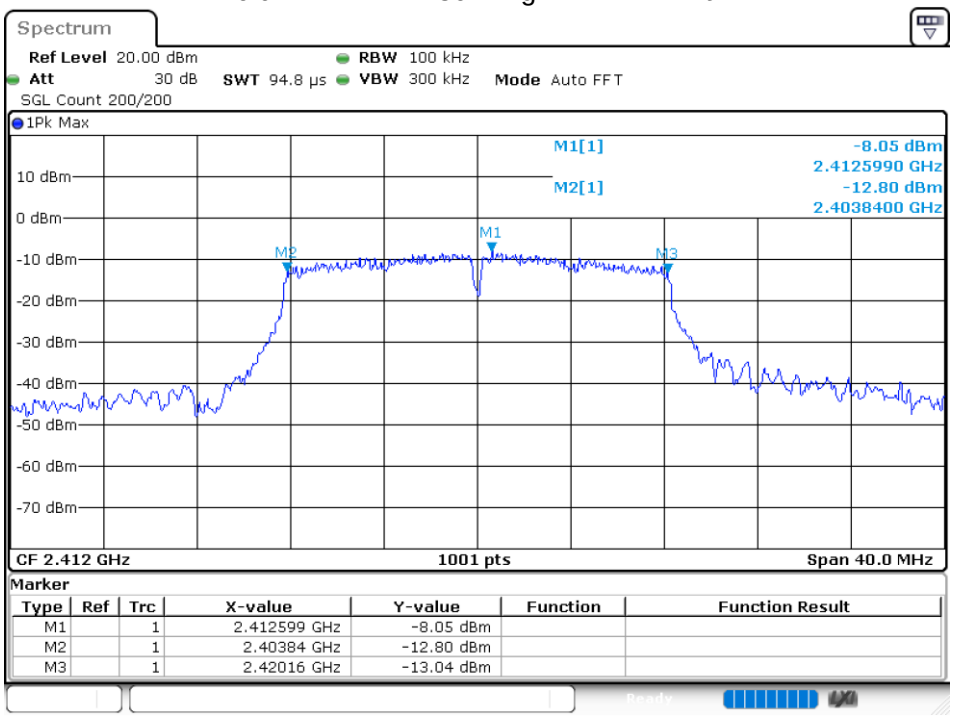
-6 dB BW NVNT 802.11b 2462MHz Ant1



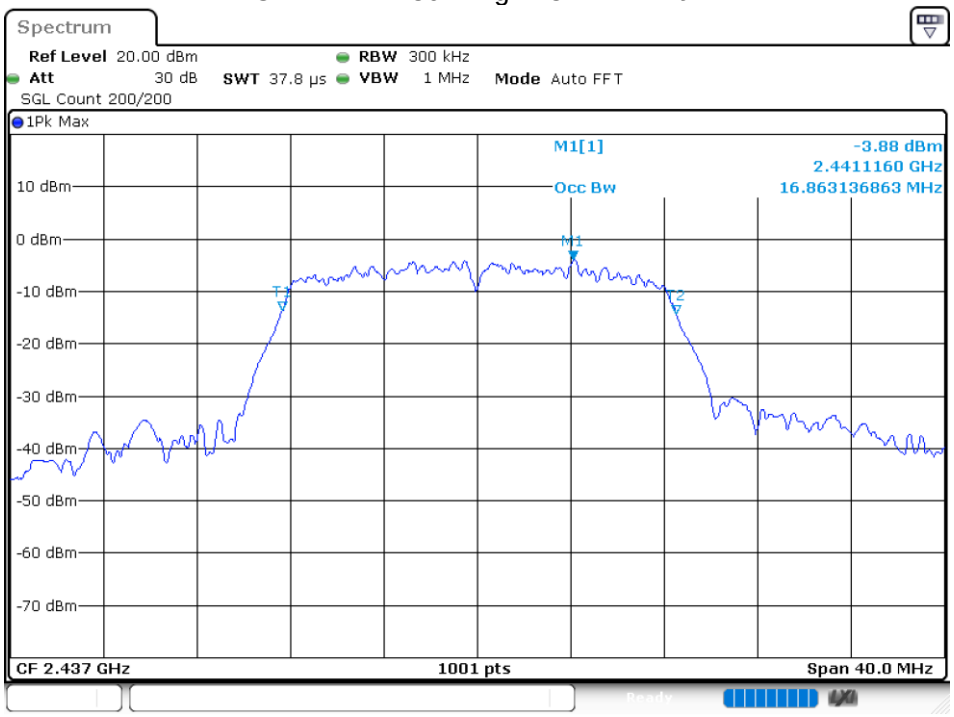
OBW NVNT 802.11g 2412MHz Ant1



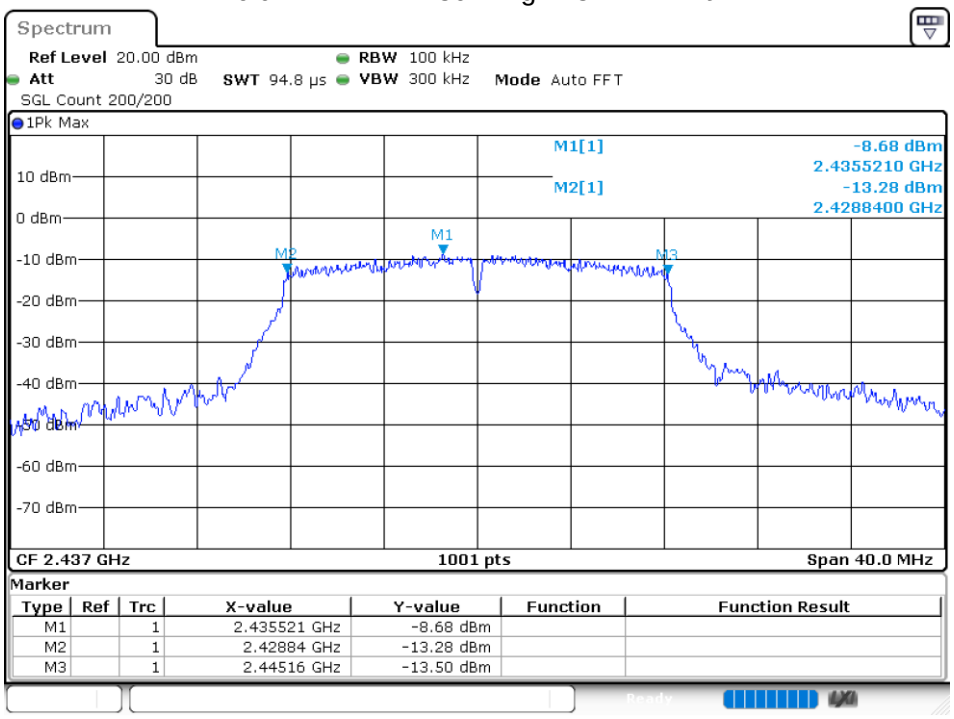
-6 dB BW NVNT 802.11g 2412MHz Ant1



OBW NVNT 802.11g 2437MHz Ant1



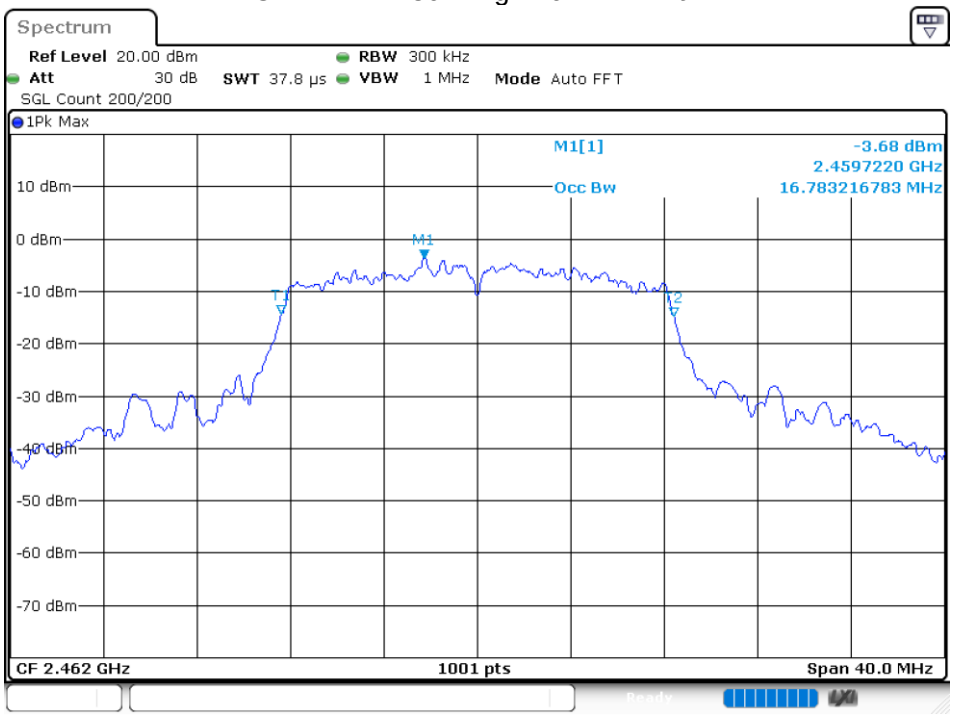
-6 dB BW NVNT 802.11g 2437MHz Ant1



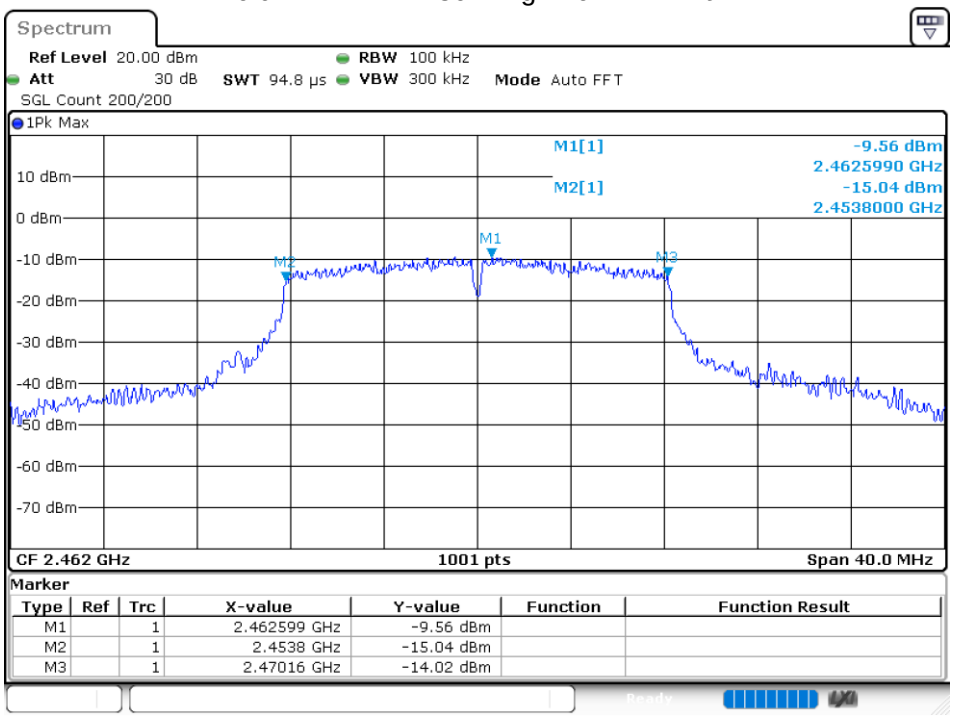
Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.435521 GHz	-8.68 dBm		
M2		1	2.42884 GHz	-13.28 dBm		
M3		1	2.44516 GHz	-13.50 dBm		

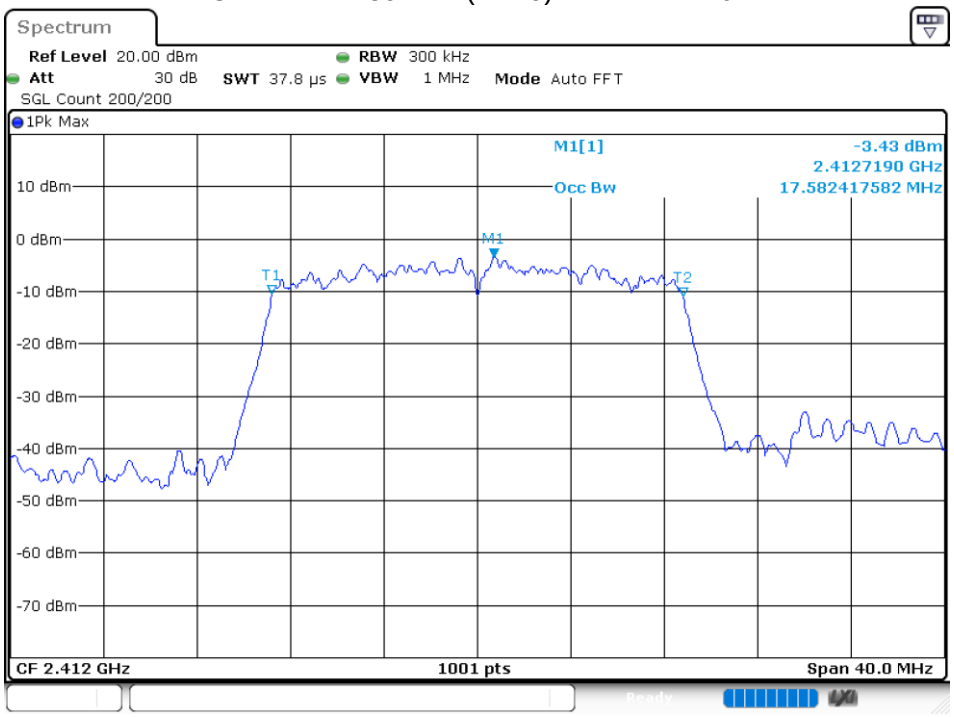
OBW NVNT 802.11g 2462MHz Ant1



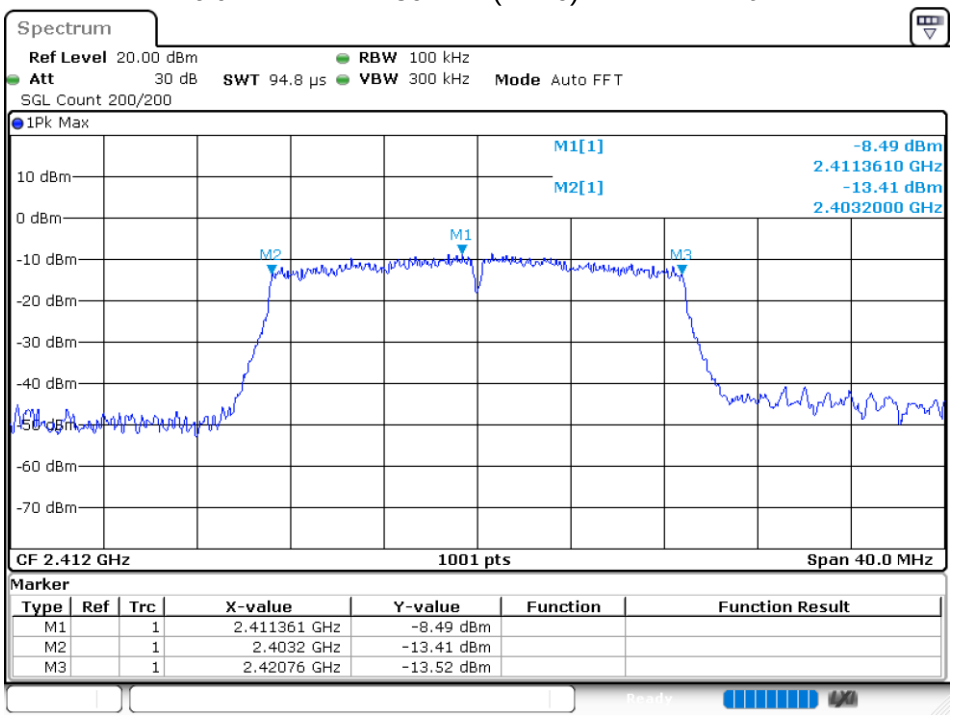
-6 dB BW NVNT 802.11g 2462MHz Ant1



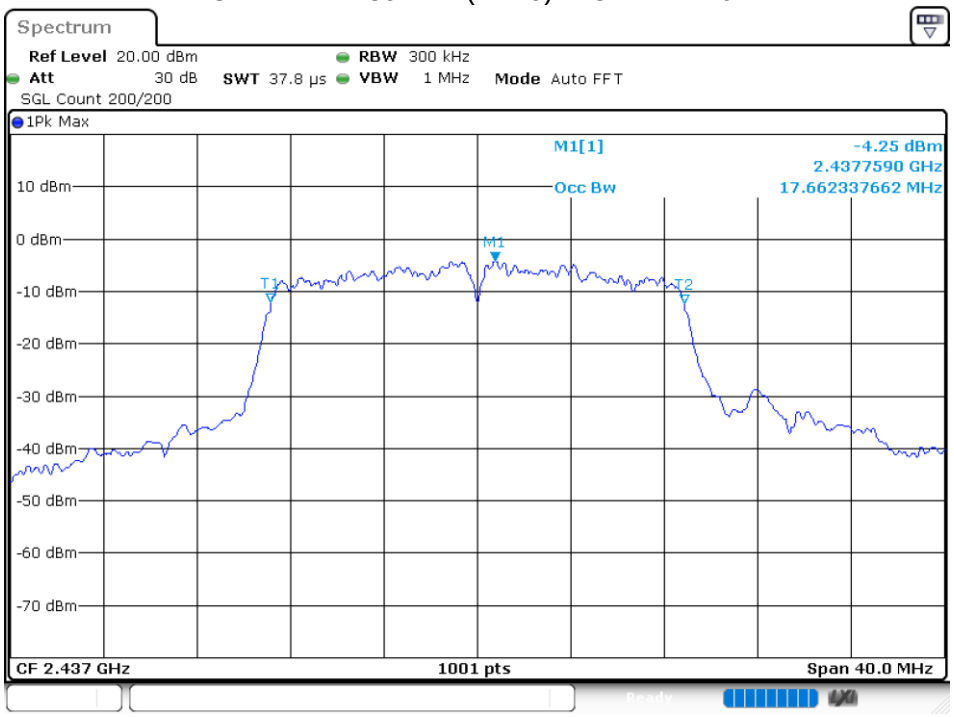
OBW NVNT 802.11n(HT20) 2412MHz Ant1



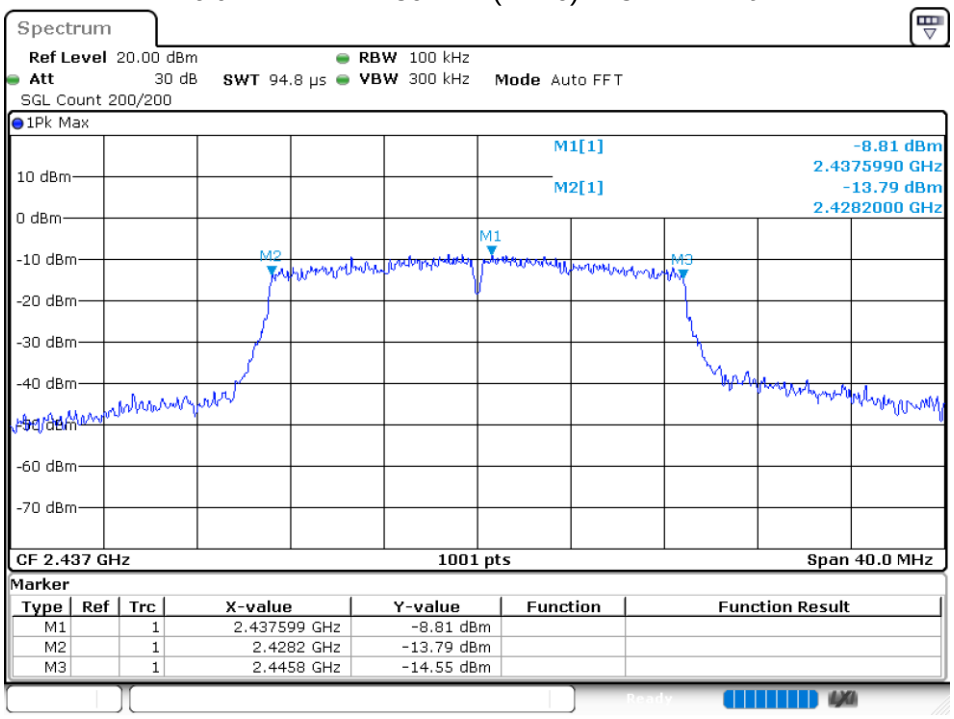
-6 dB BW NVNT 802.11n(HT20) 2412MHz Ant1



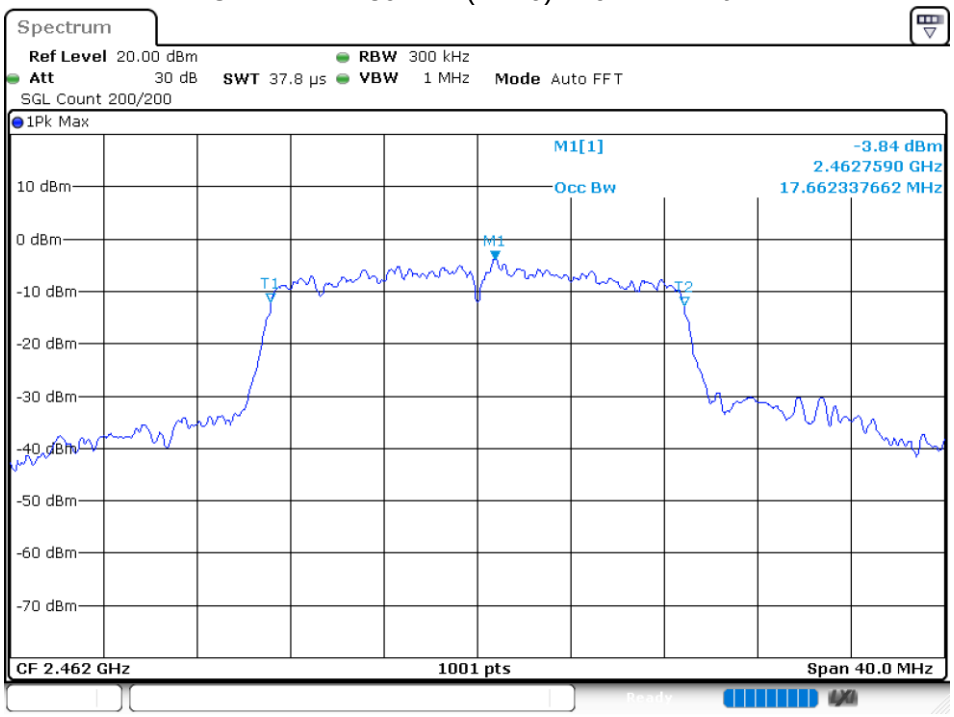
OBW NVNT 802.11n(HT20) 2437MHz Ant1



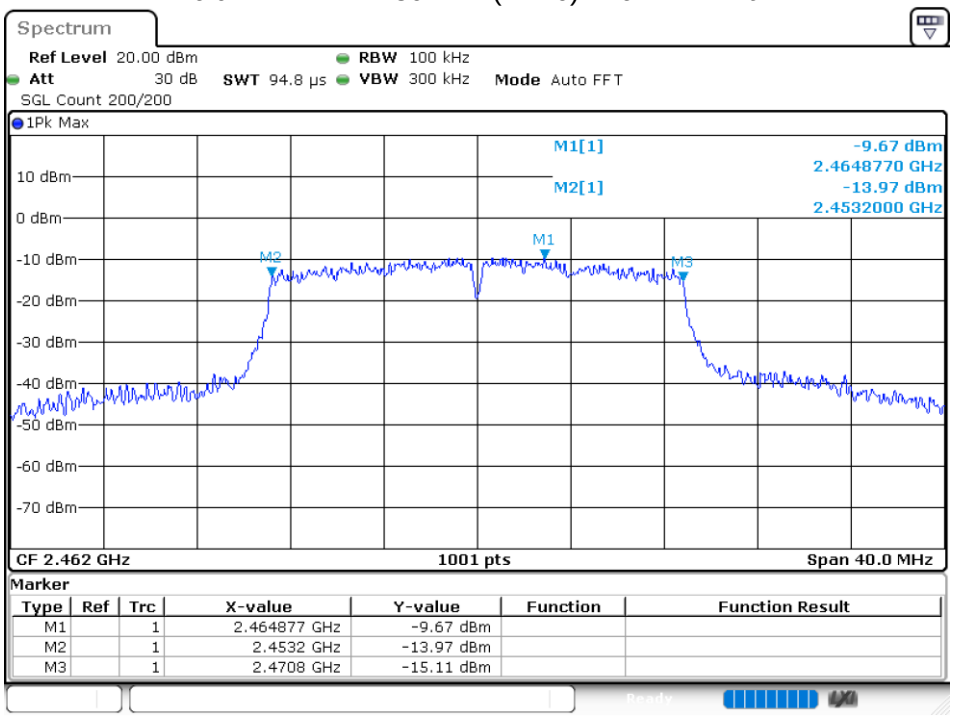
-6 dB BW NVNT 802.11n(HT20) 2437MHz Ant1



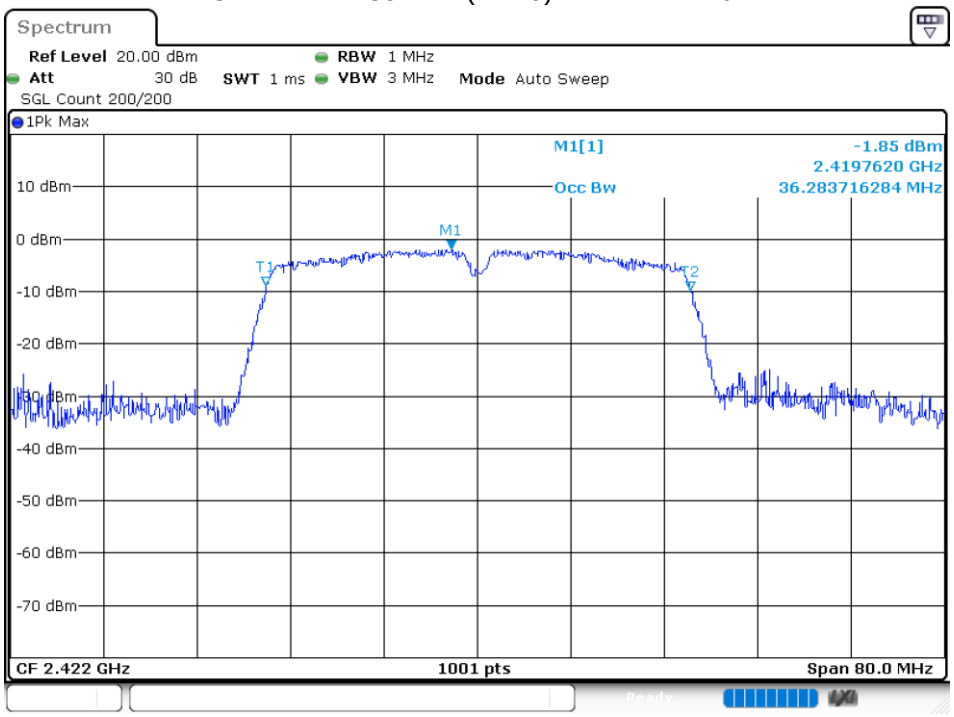
OBW NVNT 802.11n(HT20) 2462MHz Ant1



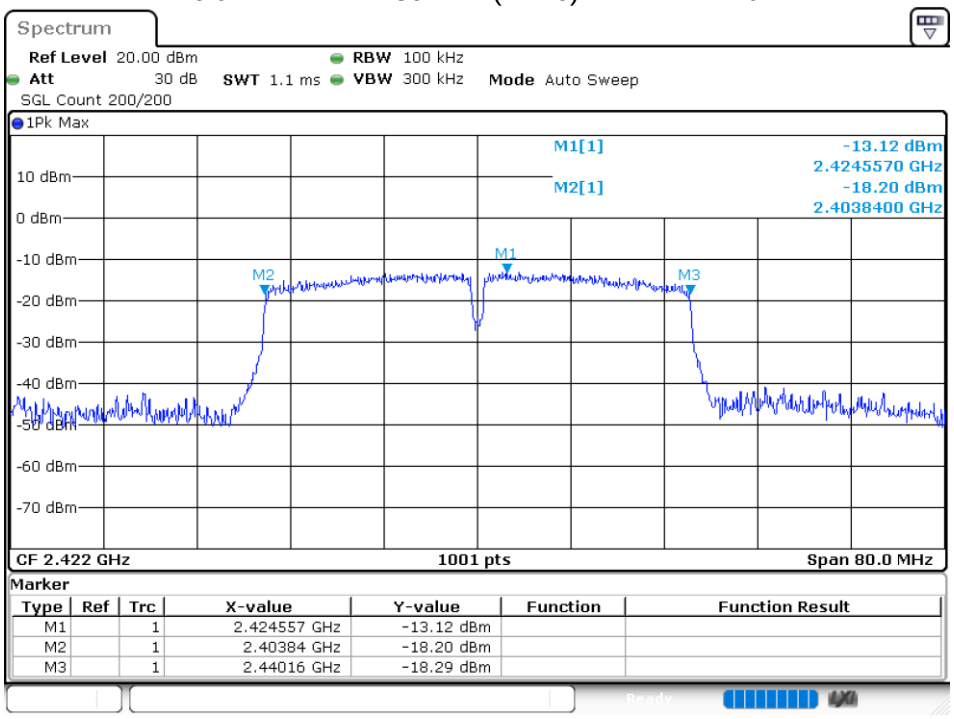
-6 dB BW NVNT 802.11n(HT20) 2462MHz Ant1



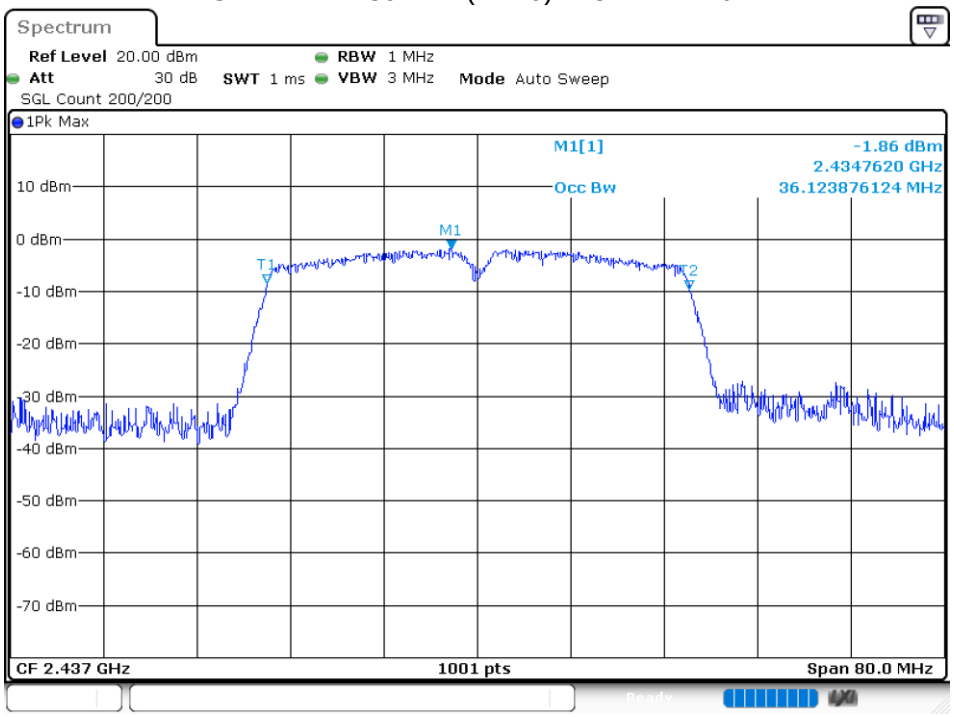
OBW NVNT 802.11n(HT40) 2422MHz Ant1



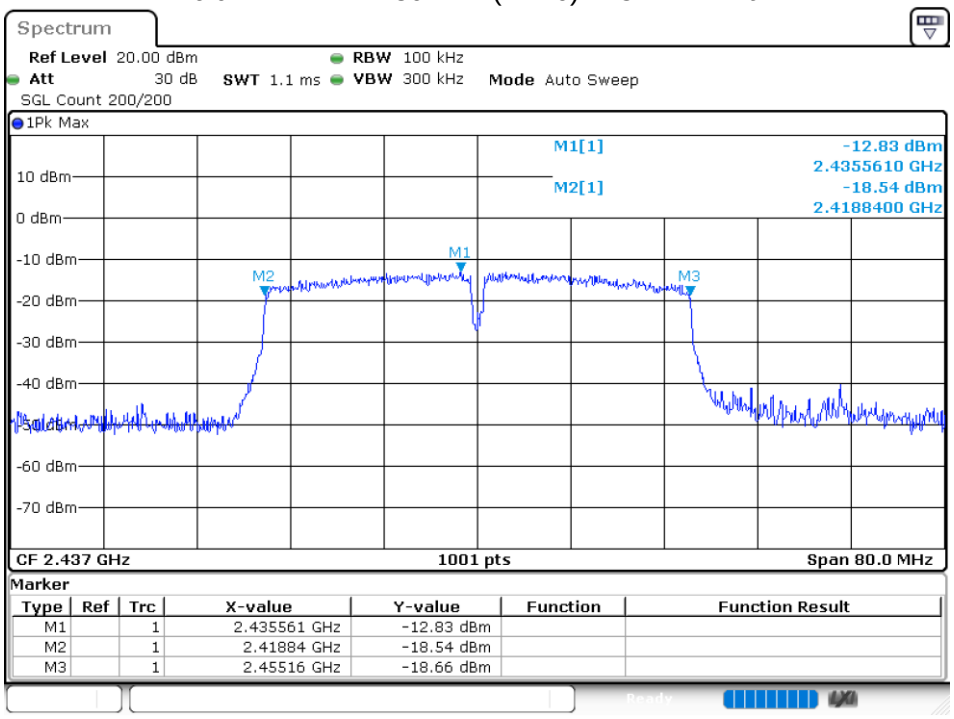
-6 dB BW NVNT 802.11n(HT40) 2422MHz Ant1



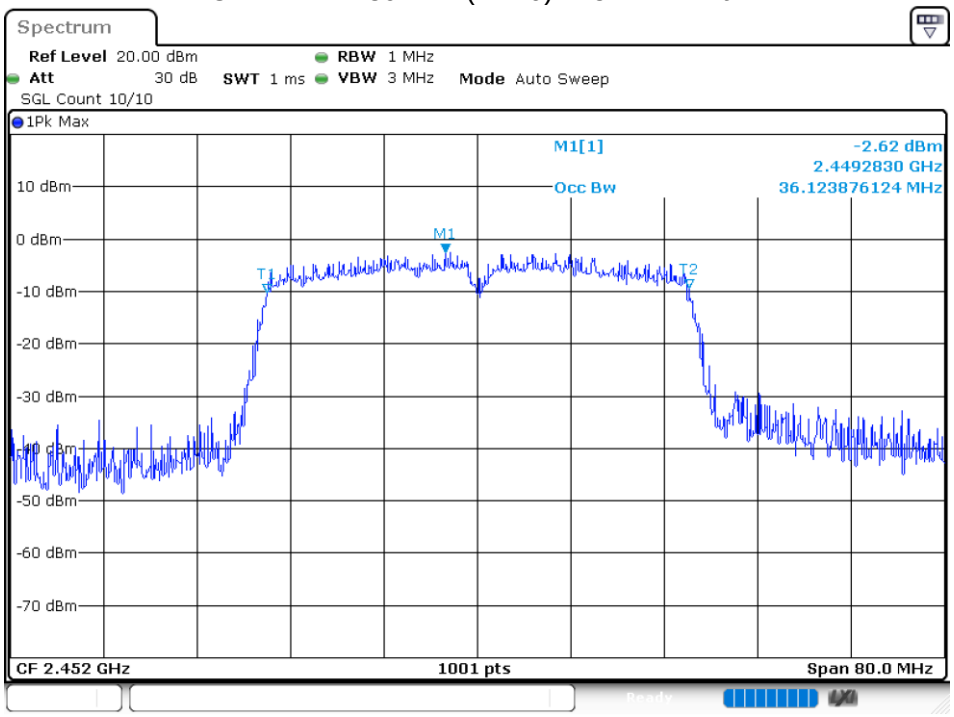
OBW NVNT 802.11n(HT40) 2437MHz Ant1



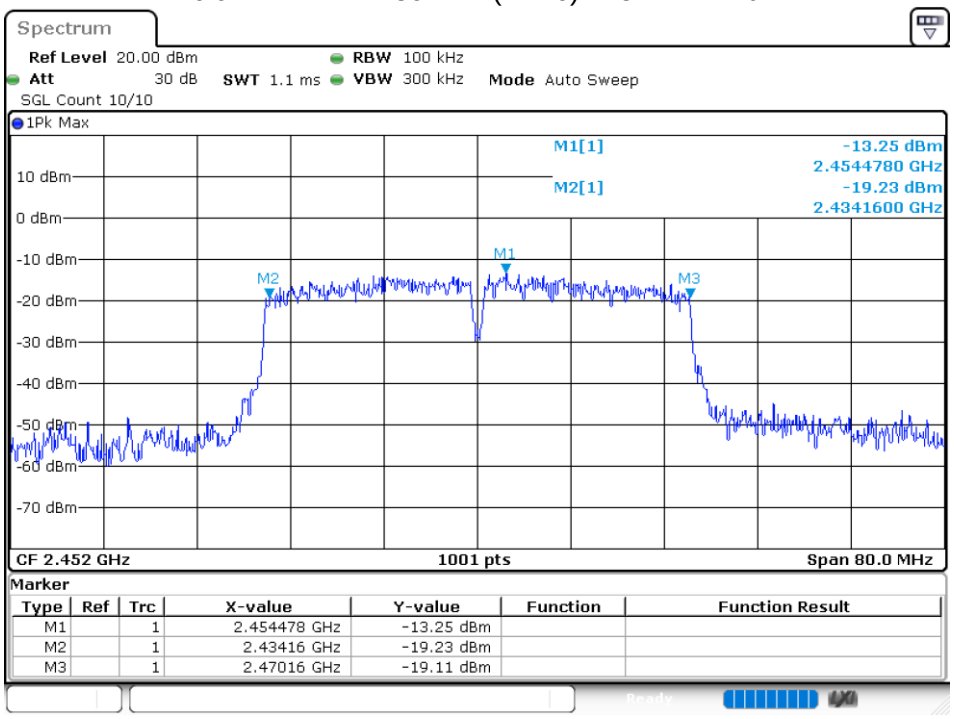
-6 dB BW NVNT 802.11n(HT40) 2437MHz Ant1



OBW NVNT 802.11n(HT40) 2452MHz Ant1



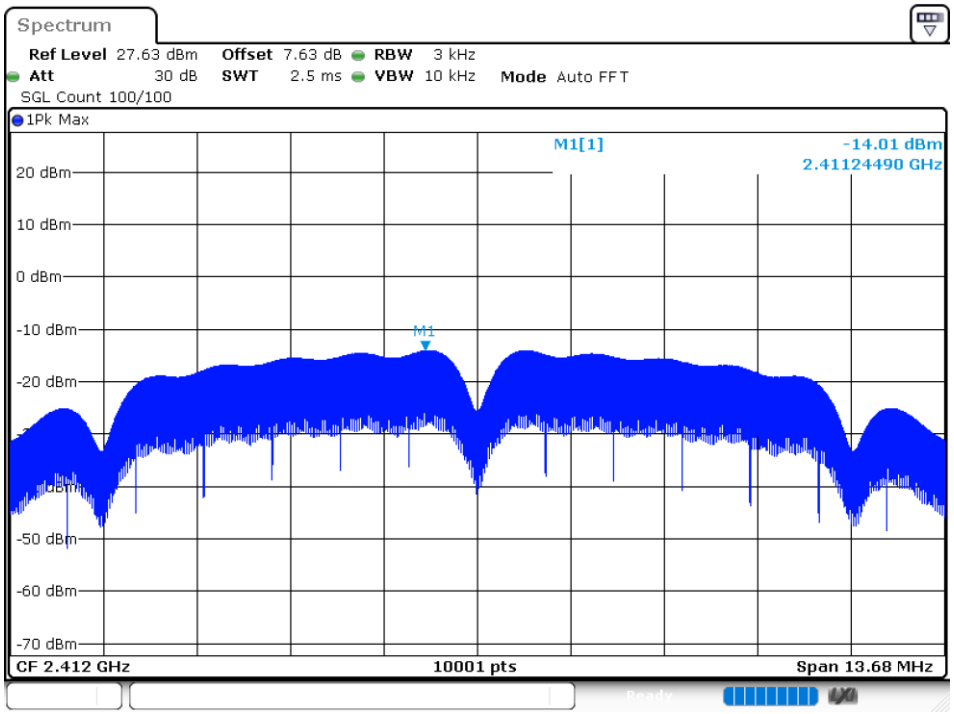
-6 dB BW NVNT 802.11n(HT40) 2452MHz Ant1



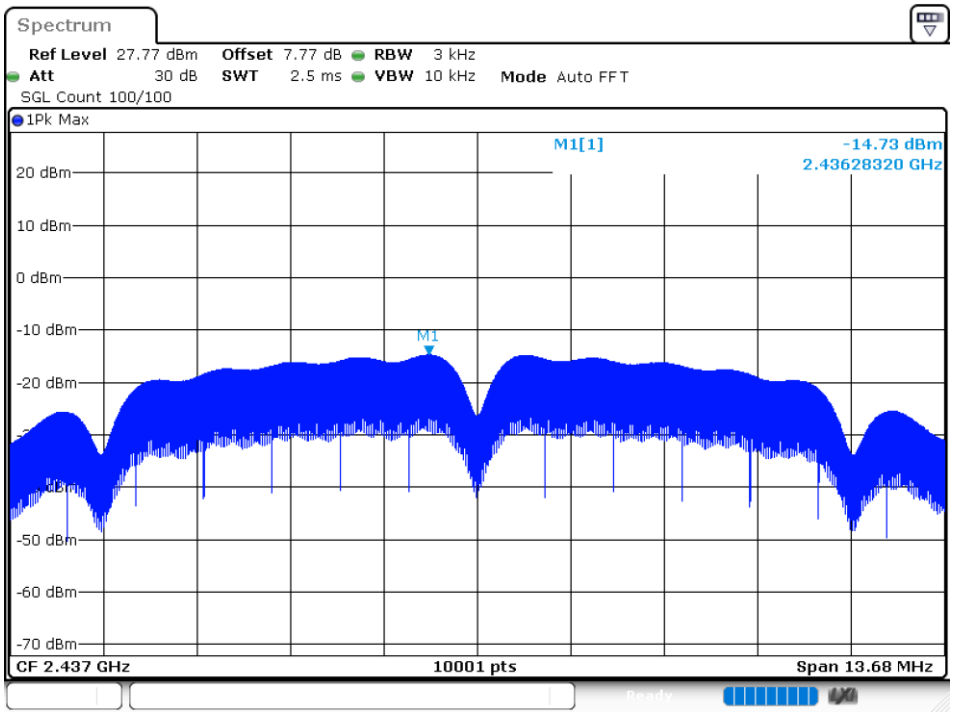
8.4 MAXIMUM POWER SPECTRAL DENSITY LEVEL

Condition	Mode	Frequency (MHz)	Antenna	Max PSD (dBm/3kHz)	Limit (dBm/3kHz)	Verdict
NVNT	802.11b	2412	Ant 1	-14.015	8	Pass
NVNT	802.11b	2437	Ant 1	-14.729	8	Pass
NVNT	802.11b	2462	Ant 1	-15.392	8	Pass
NVNT	802.11g	2412	Ant 1	-14.793	8	Pass
NVNT	802.11g	2437	Ant 1	-15.224	8	Pass
NVNT	802.11g	2462	Ant 1	-15.814	8	Pass
NVNT	802.11n(HT20)	2412	Ant 1	-14.846	8	Pass
NVNT	802.11n(HT20)	2437	Ant 1	-14.701	8	Pass
NVNT	802.11n(HT20)	2462	Ant 1	-15.514	8	Pass
NVNT	802.11n(HT40)	2422	Ant 1	-17.426	8	Pass
NVNT	802.11n(HT40)	2437	Ant 1	-18.507	8	Pass
NVNT	802.11n(HT40)	2452	Ant 1	-17.358	8	Pass

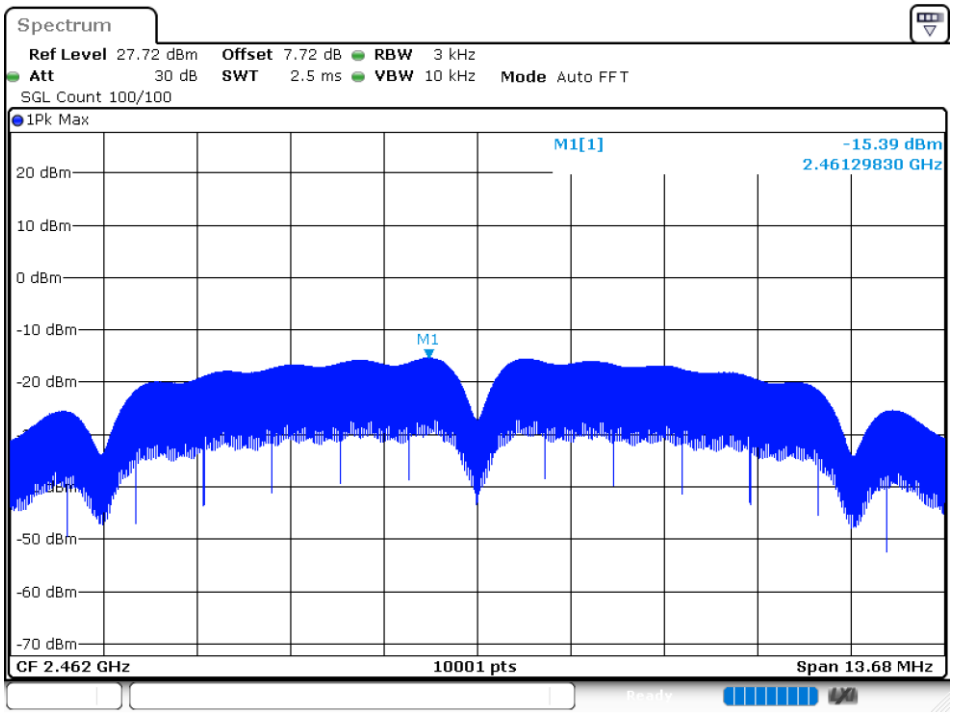
PSD NVNT 802.11b 2412MHz Ant1



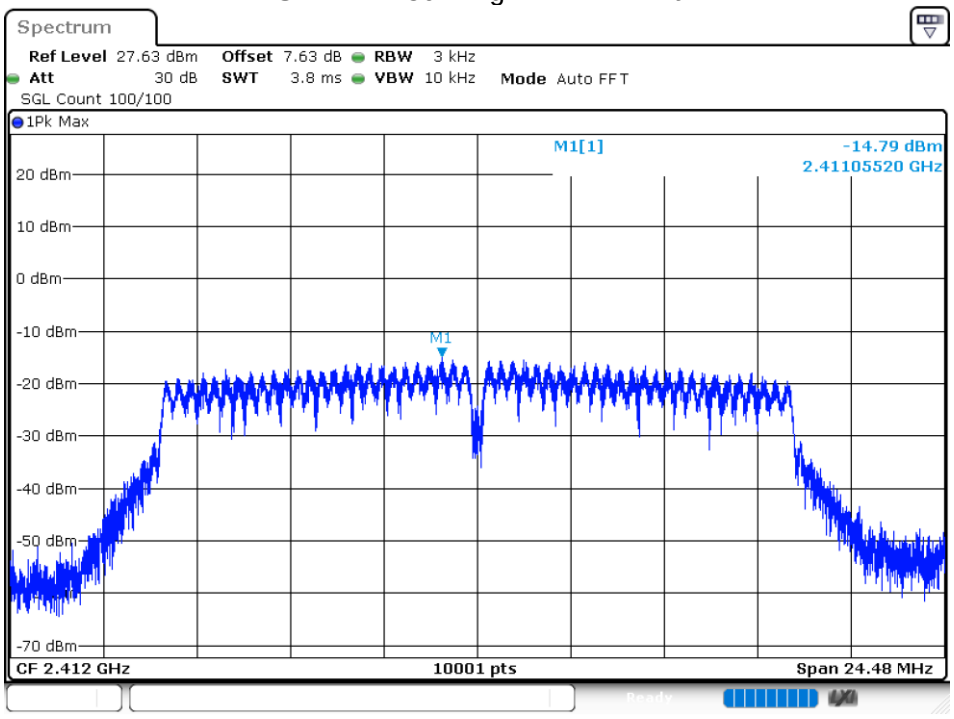
PSD NVNT 802.11b 2437MHz Ant1



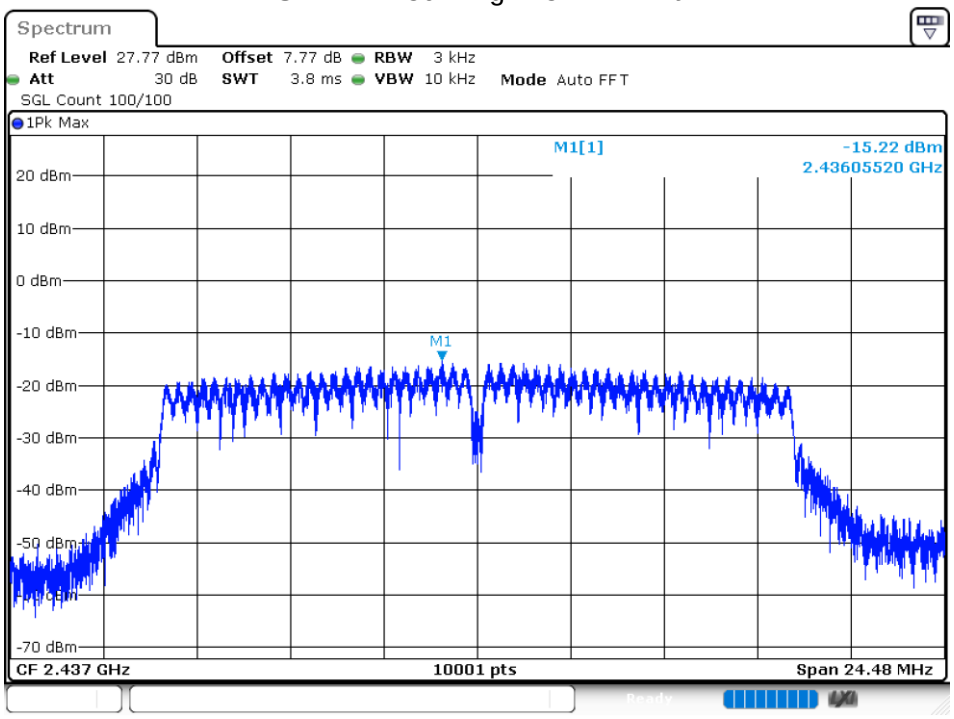
PSD NVNT 802.11b 2462MHz Ant1



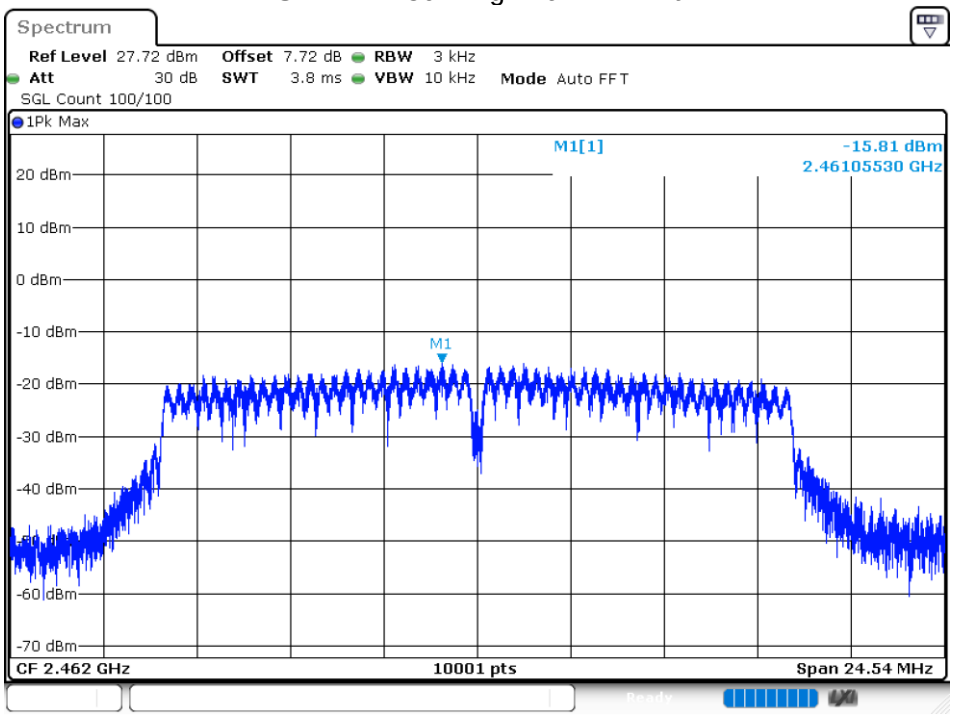
PSD NVNT 802.11g 2412MHz Ant1



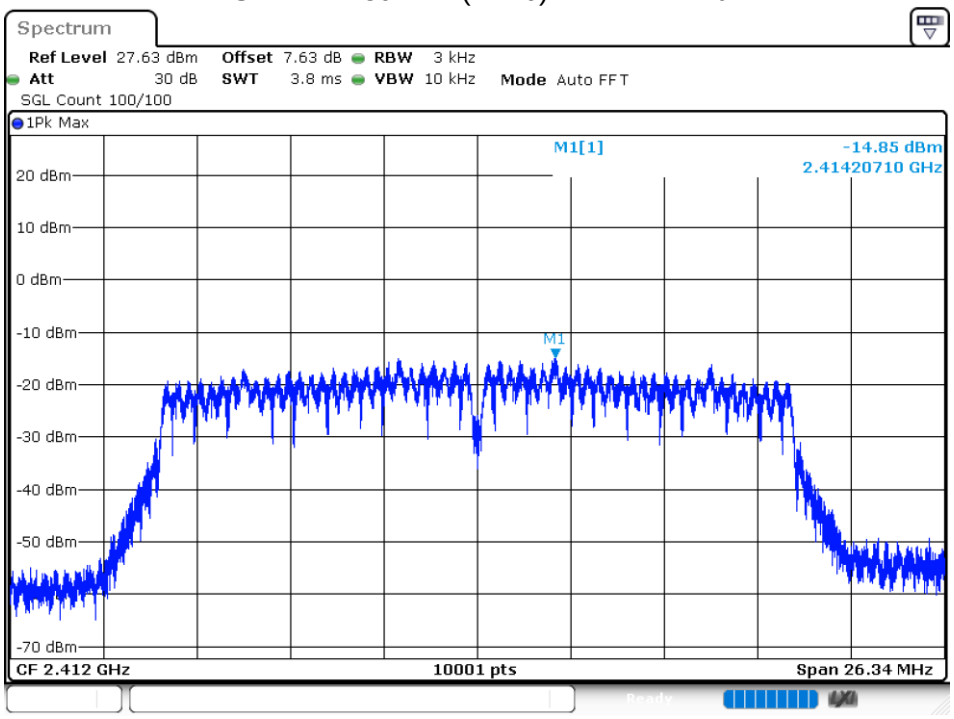
PSD NVNT 802.11g 2437MHz Ant1



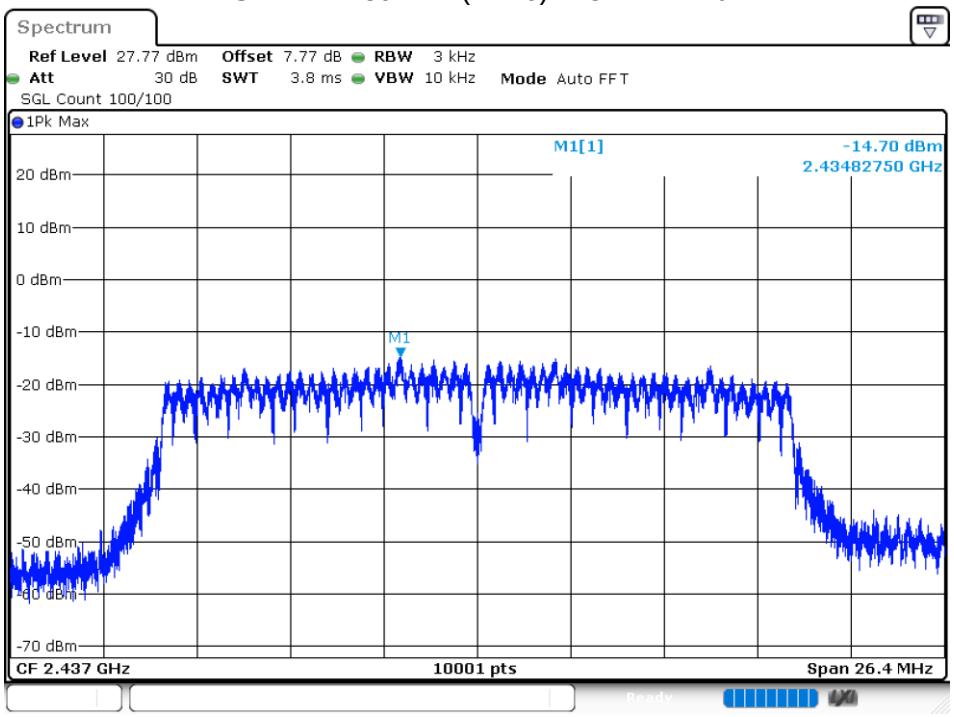
PSD NVNT 802.11g 2462MHz Ant1



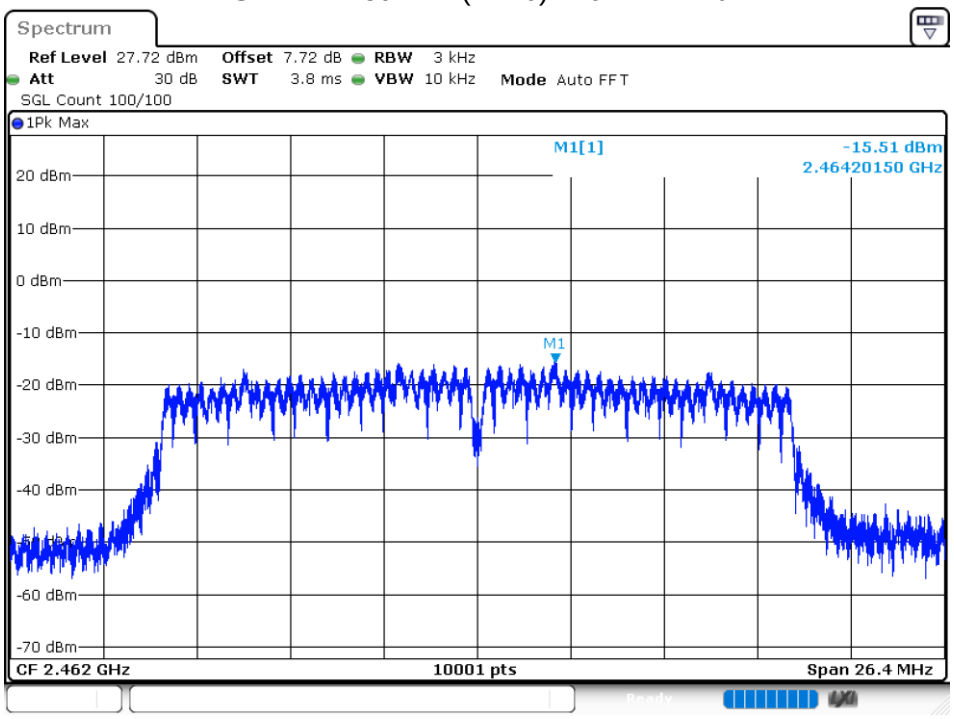
PSD NVNT 802.11n(HT20) 2412MHz Ant1



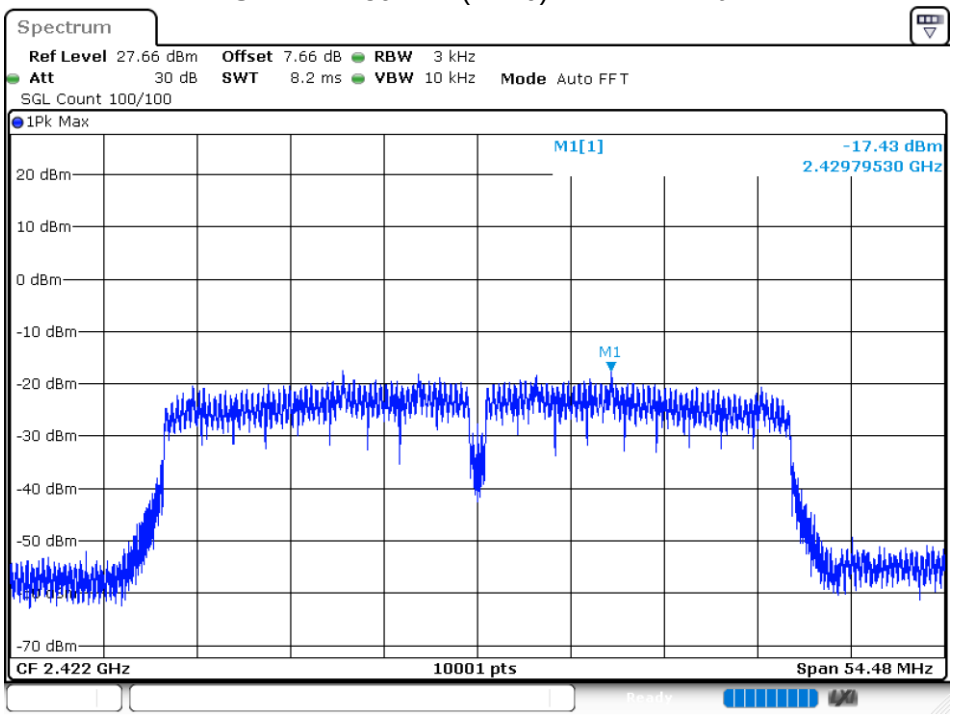
PSD NVNT 802.11n(HT20) 2437MHz Ant1



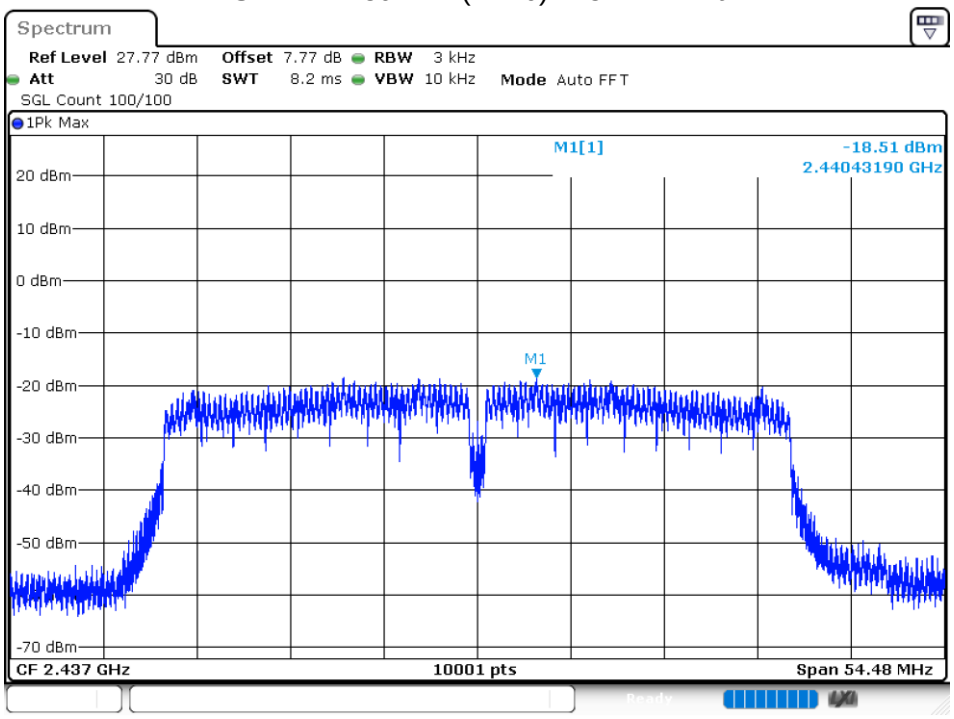
PSD NVNT 802.11n(HT20) 2462MHz Ant1



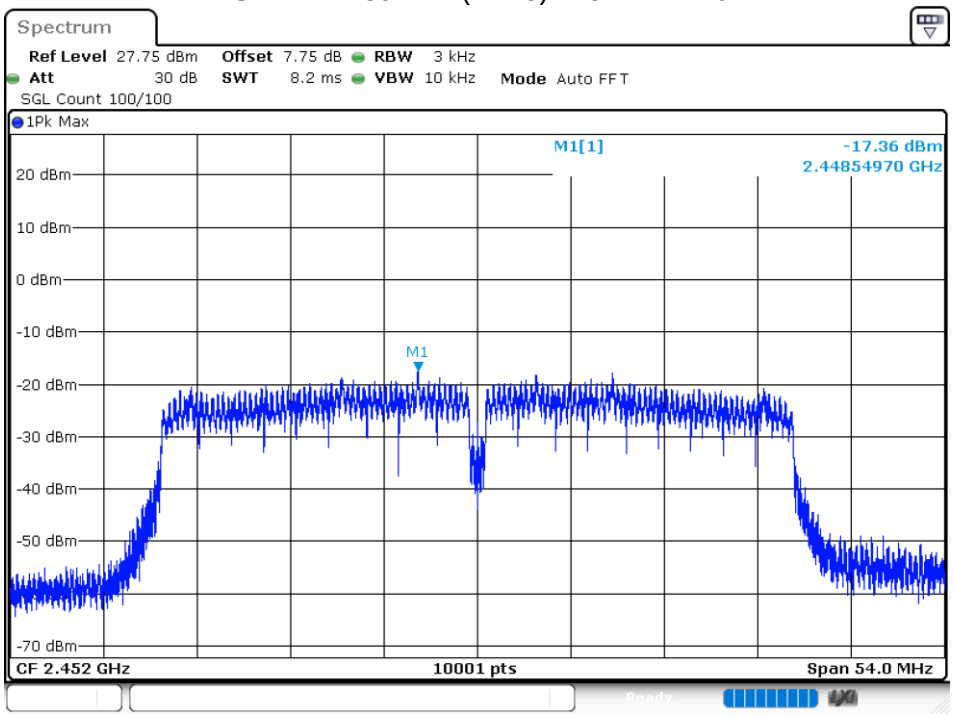
PSD NVNT 802.11n(HT40) 2422MHz Ant1



PSD NVNT 802.11n(HT40) 2437MHz Ant1



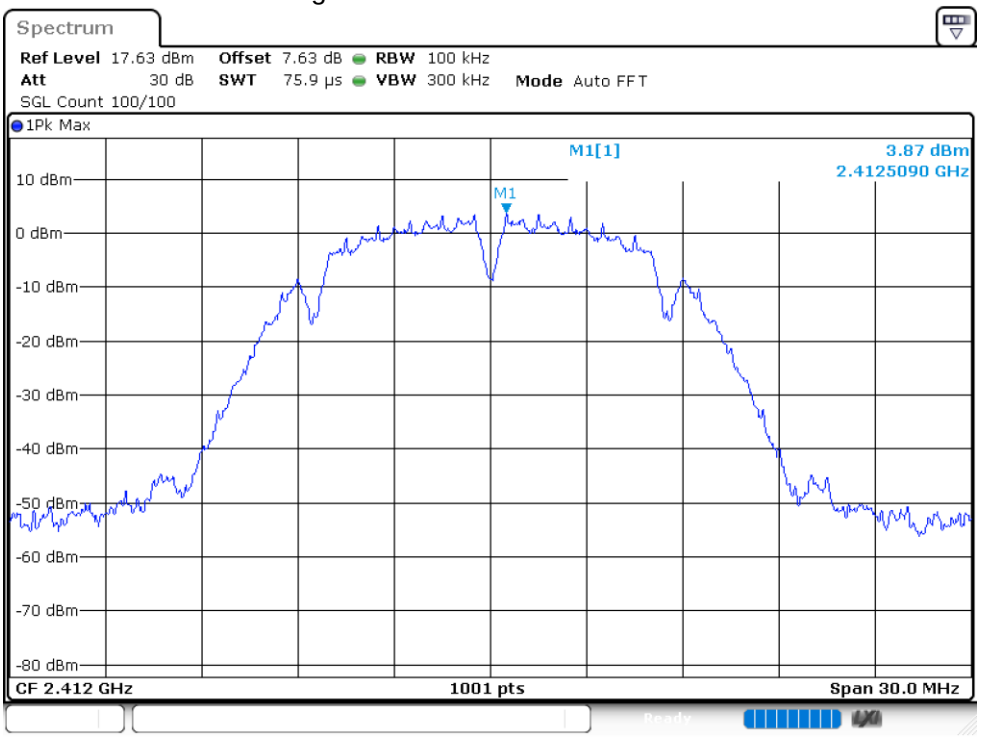
PSD NVNT 802.11n(HT40) 2452MHz Ant1



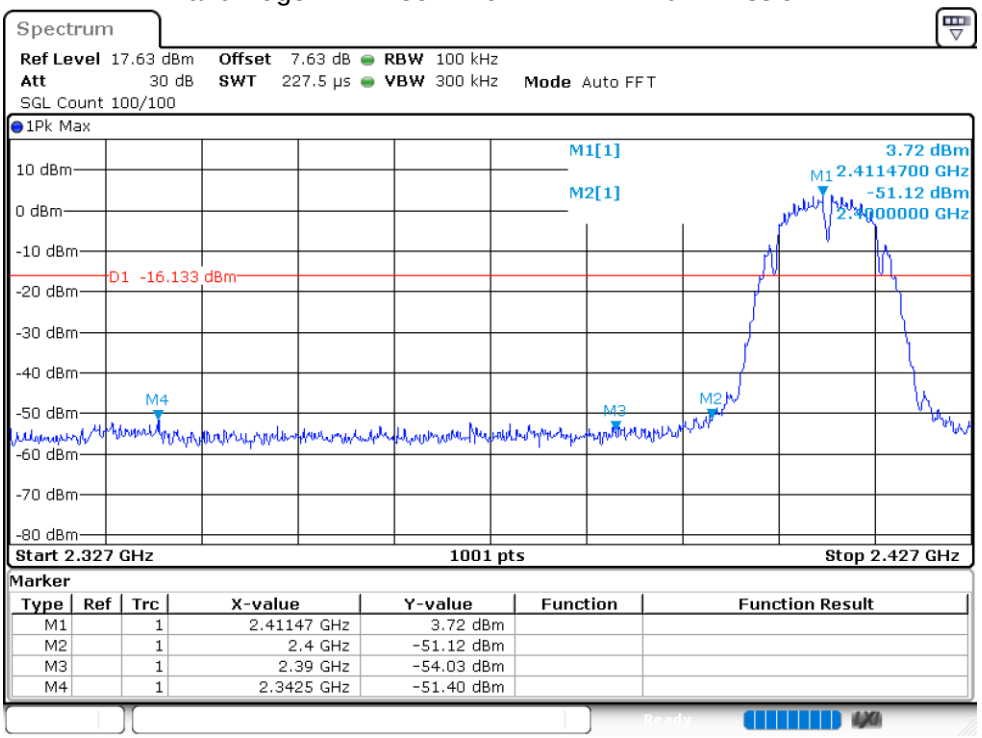
8.5 BAND EDGE

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	802.11b	2412	Ant 1	-55.27	-20	Pass
NVNT	802.11b	2462	Ant 1	-55.18	-20	Pass
NVNT	802.11g	2412	Ant 1	-48.17	-20	Pass
NVNT	802.11g	2462	Ant 1	-46.28	-20	Pass
NVNT	802.11n(HT20)	2412	Ant 1	-47.27	-20	Pass
NVNT	802.11n(HT20)	2462	Ant 1	-42.77	-20	Pass
NVNT	802.11n(HT40)	2422	Ant 1	-41.19	-20	Pass
NVNT	802.11n(HT40)	2452	Ant 1	-37.17	-20	Pass

Band Edge NVNT 802.11b 2412MHz Ant1 Ref



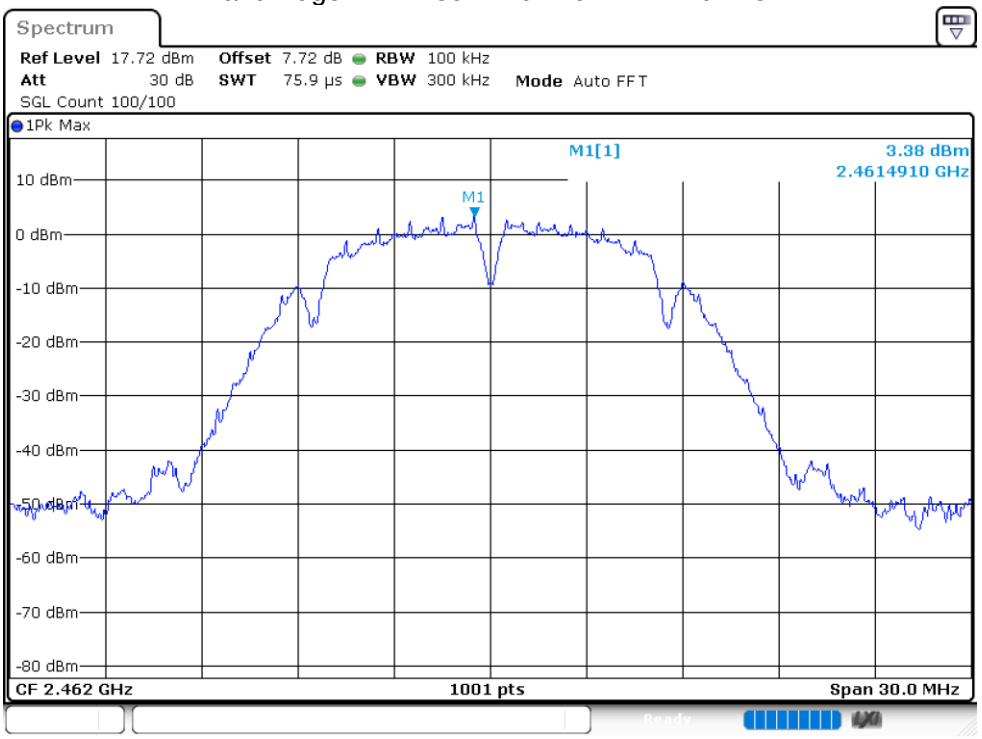
Band Edge NVNT 802.11b 2412MHz Ant1 Emission



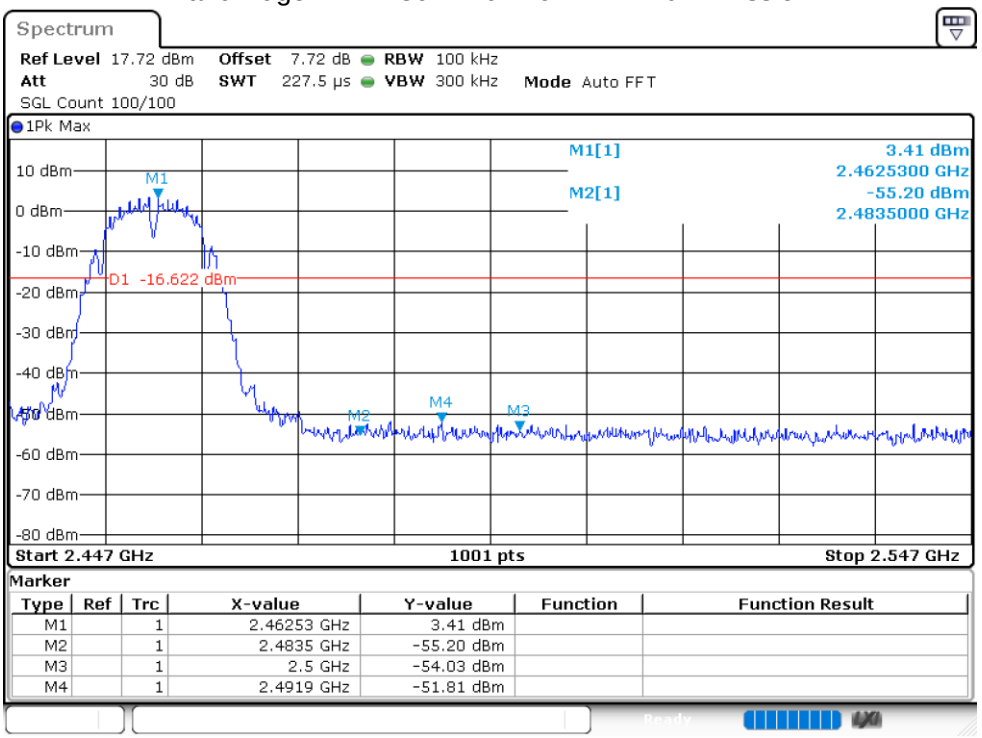
Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.41147 GHz	3.72 dBm		
M2		1	2.4 GHz	-51.12 dBm		
M3		1	2.39 GHz	-54.03 dBm		
M4		1	2.3425 GHz	-51.40 dBm		

Band Edge NVNT 802.11b 2462MHz Ant1 Ref



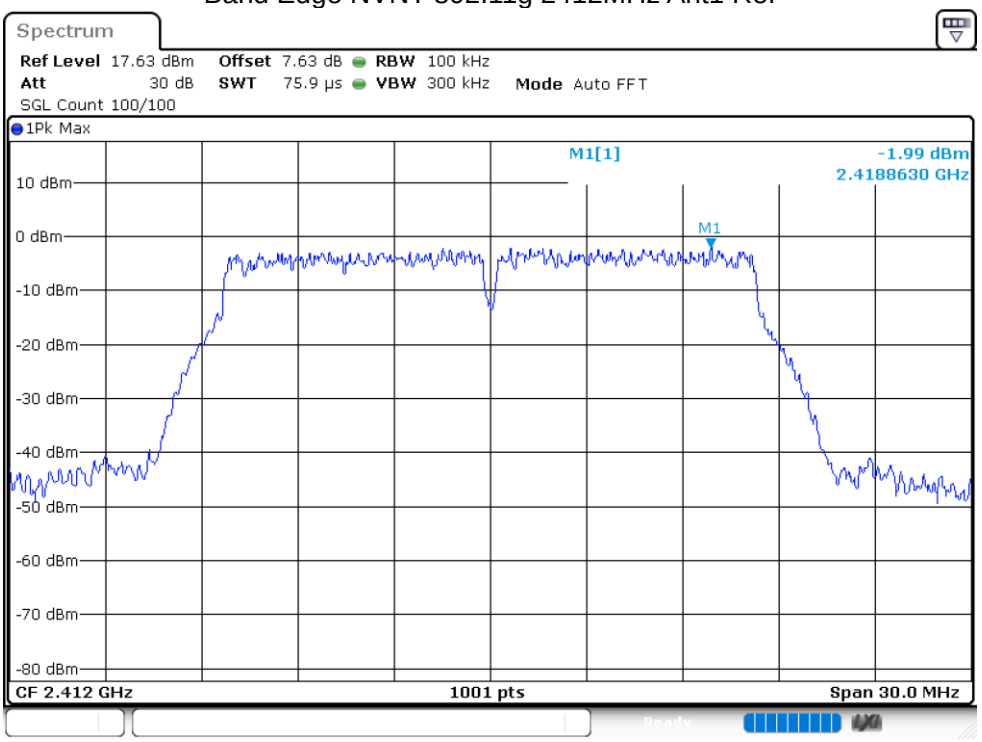
Band Edge NVNT 802.11b 2462MHz Ant1 Emission



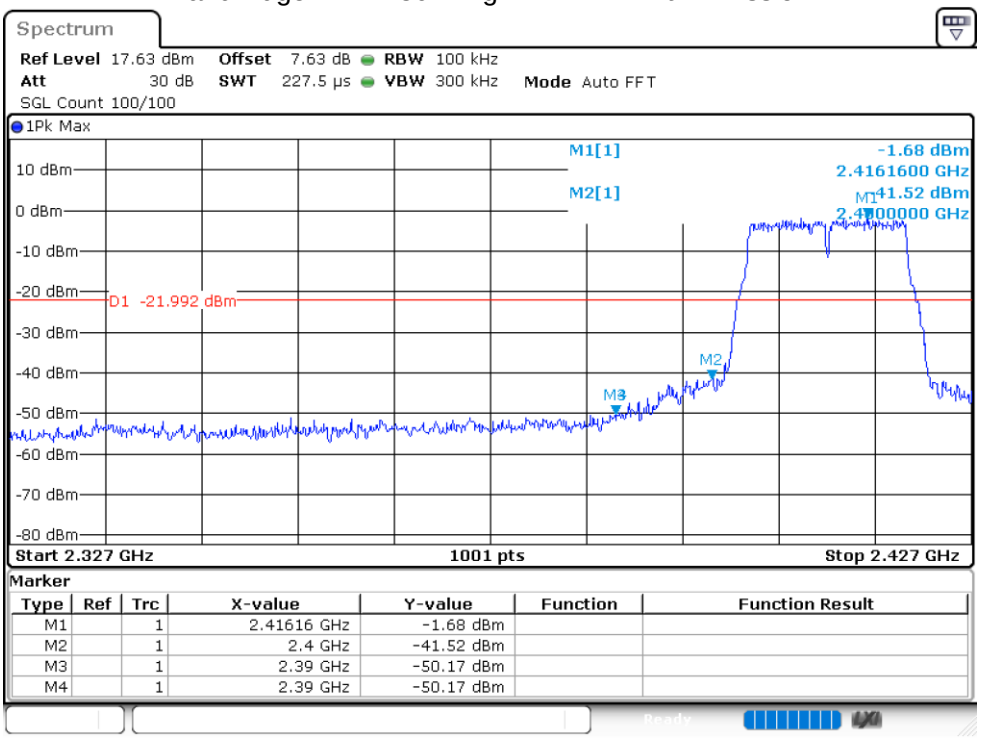
Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.46253 GHz	3.41 dBm		
M2		1	2.4835 GHz	-55.20 dBm		
M3		1	2.5 GHz	-54.03 dBm		
M4		1	2.4919 GHz	-51.81 dBm		

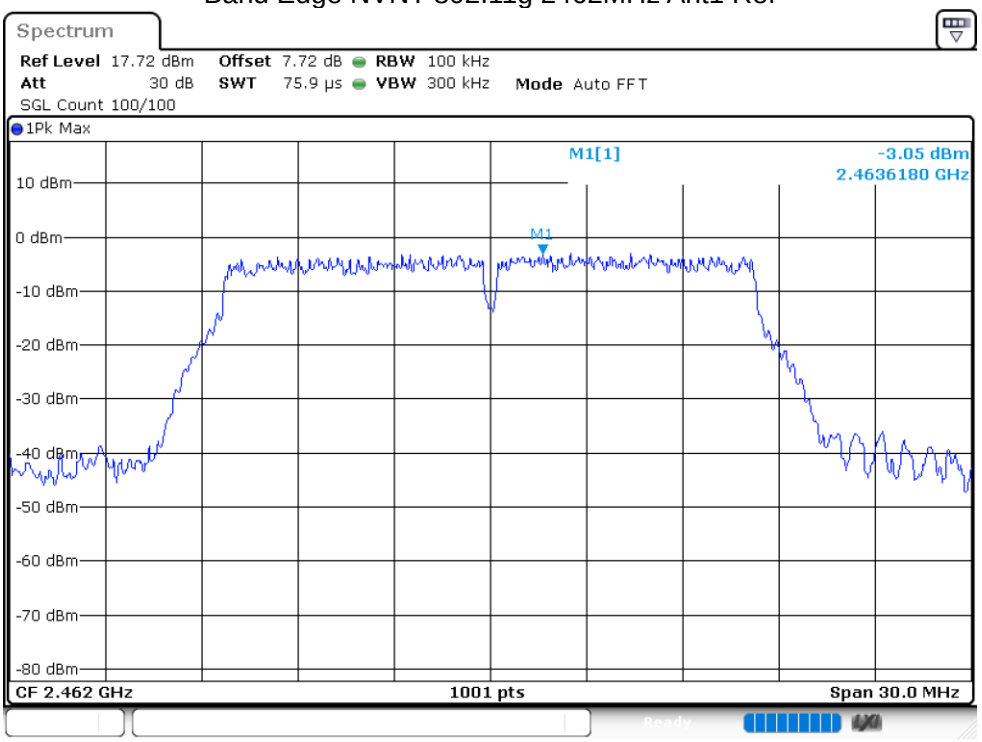
Band Edge NVNT 802.11g 2412MHz Ant1 Ref



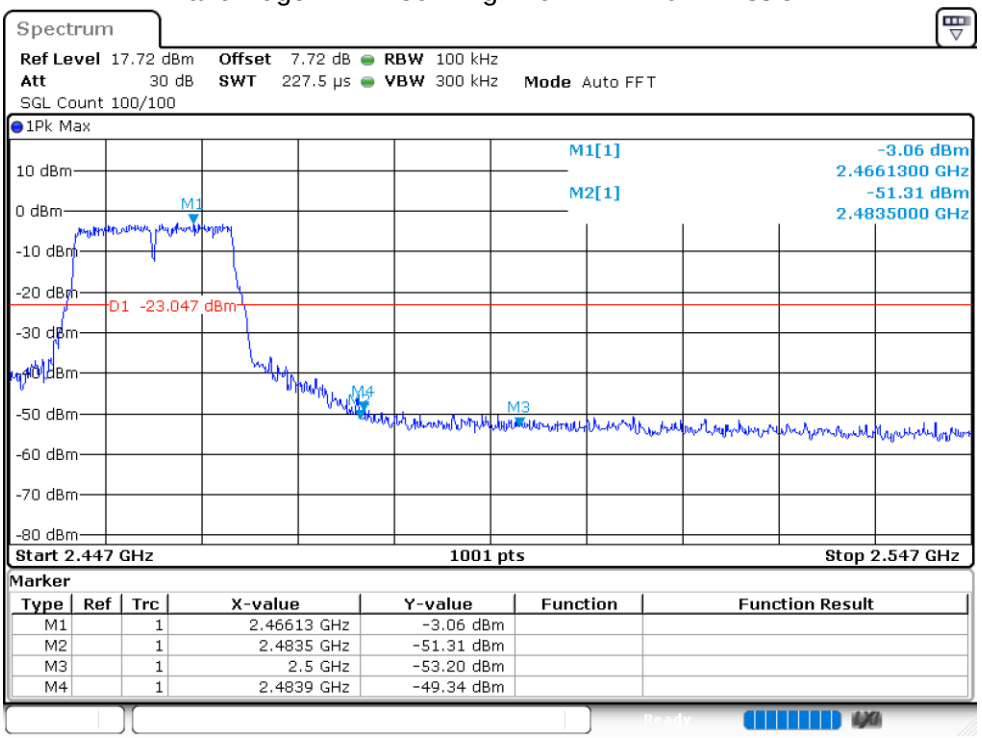
Band Edge NVNT 802.11g 2412MHz Ant1 Emission



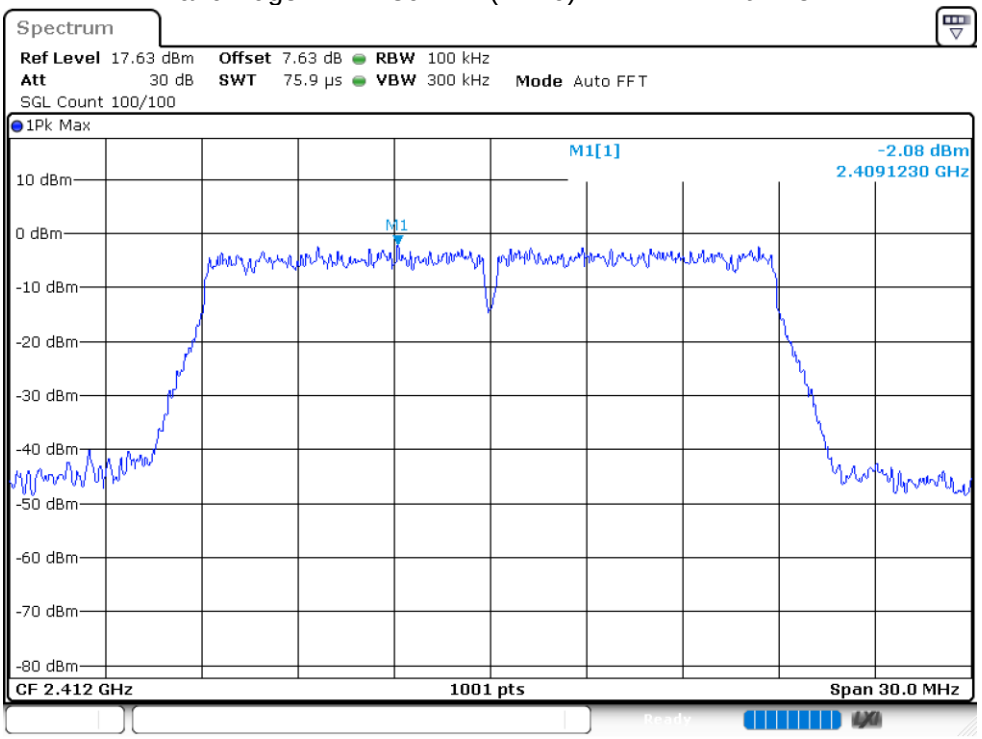
Band Edge NVNT 802.11g 2462MHz Ant1 Ref



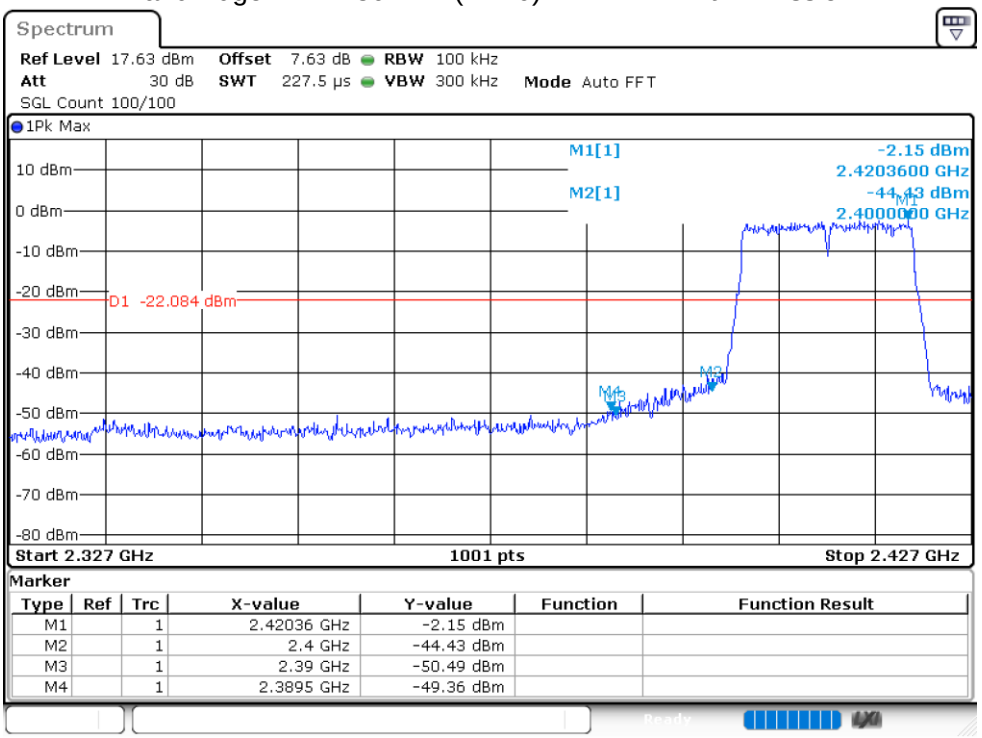
Band Edge NVNT 802.11g 2462MHz Ant1 Emission



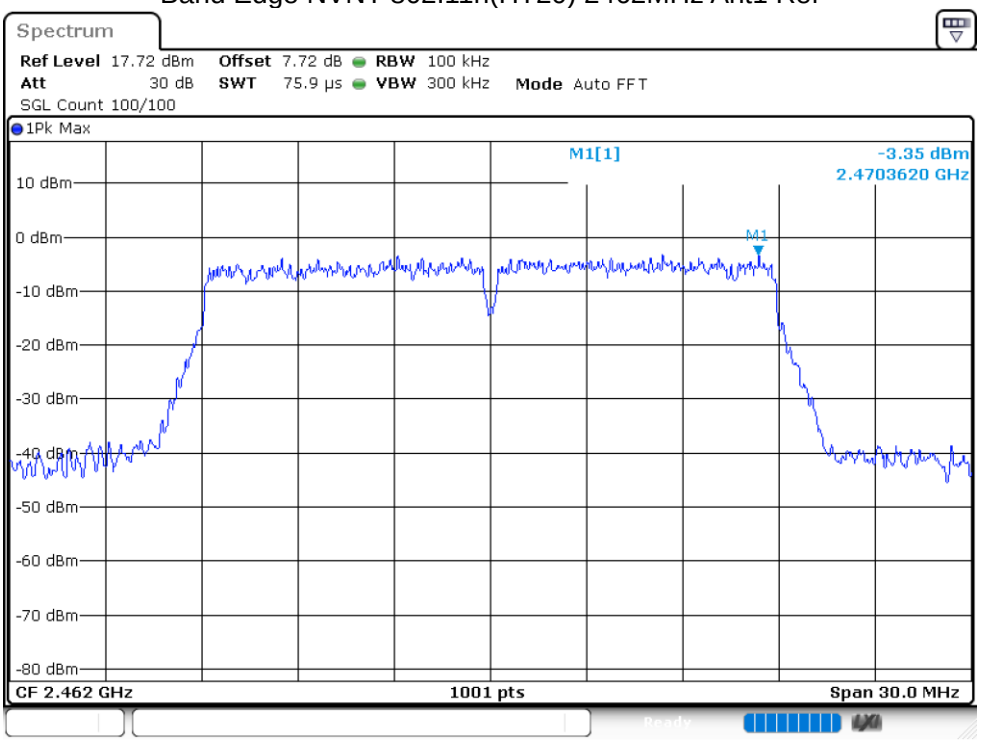
Band Edge NVNT 802.11n(HT20) 2412MHz Ant1 Ref



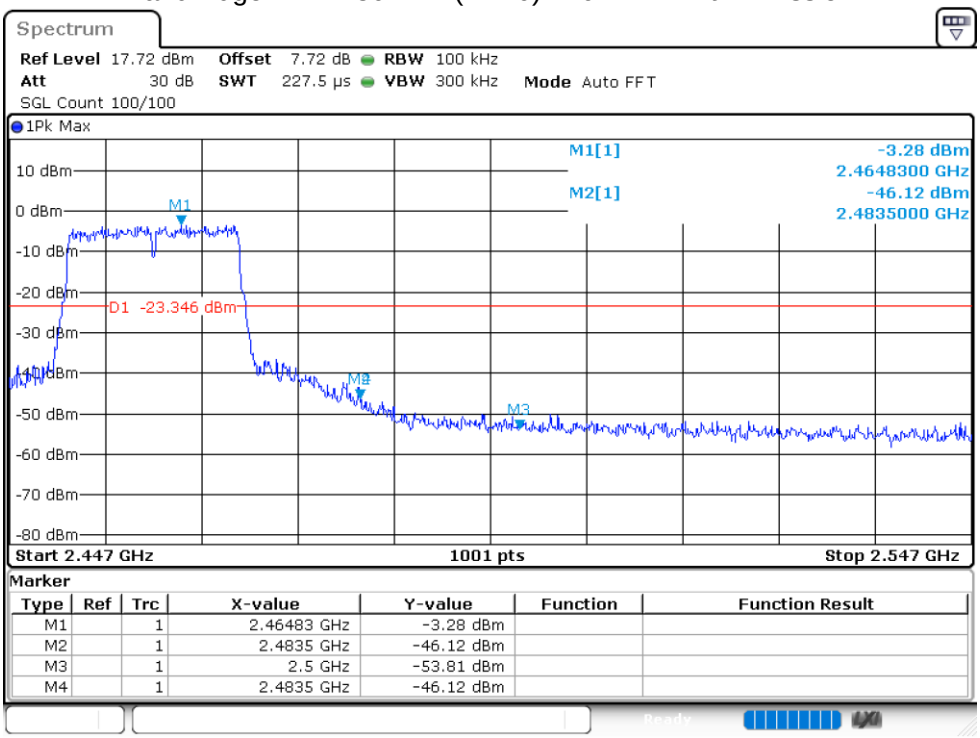
Band Edge NVNT 802.11n(HT20) 2412MHz Ant1 Emission



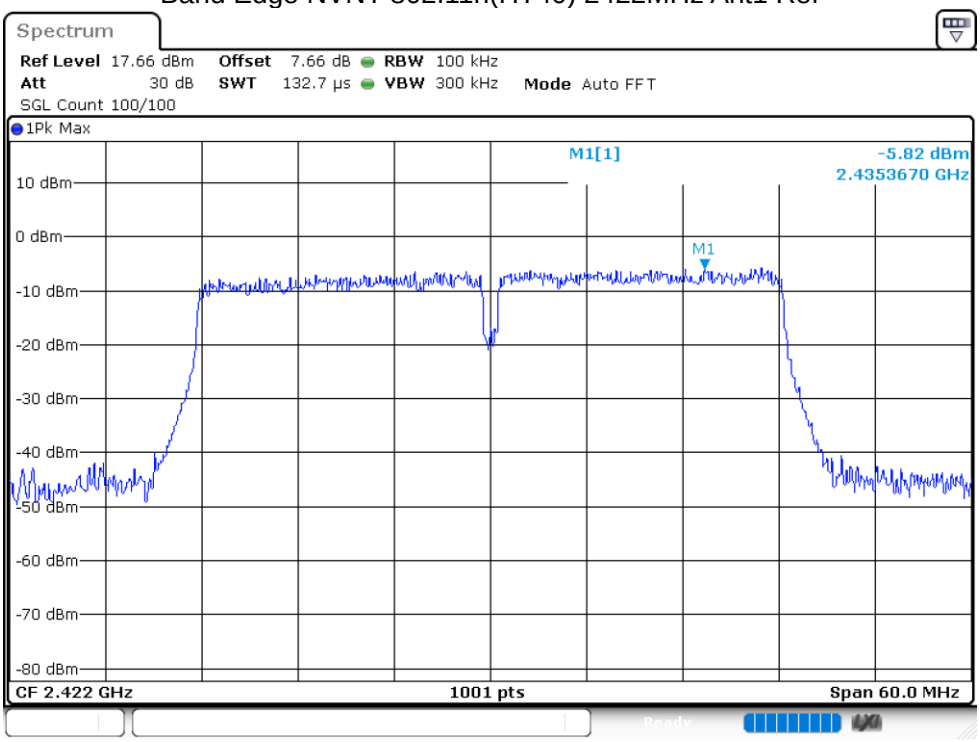
Band Edge NVNT 802.11n(HT20) 2462MHz Ant1 Ref



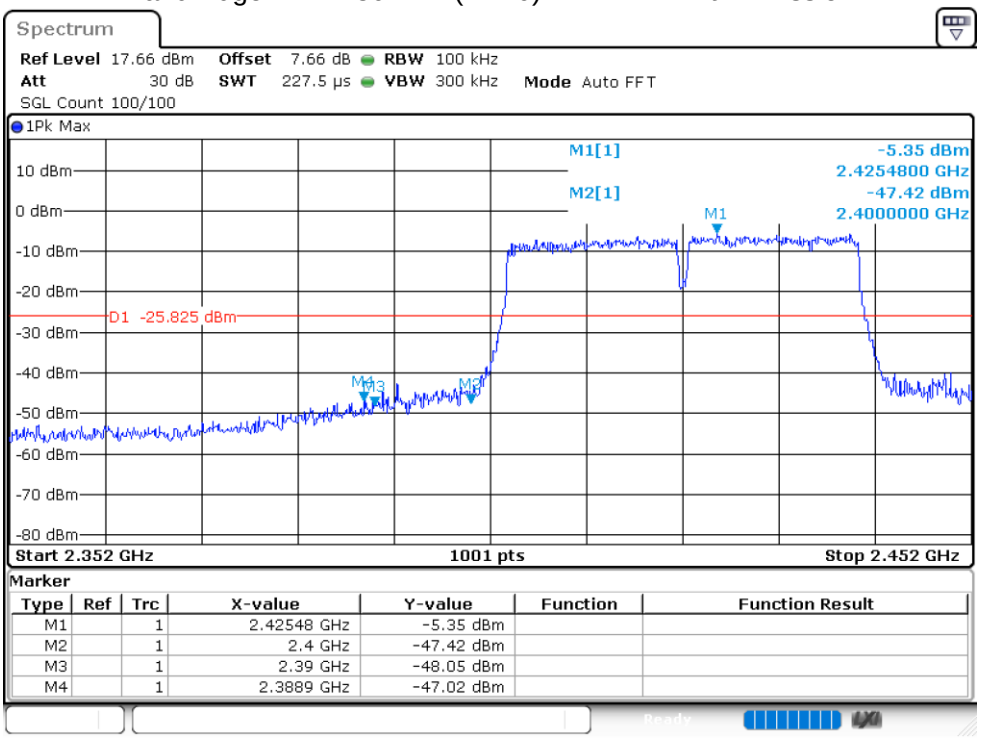
Band Edge NVNT 802.11n(HT20) 2462MHz Ant1 Emission



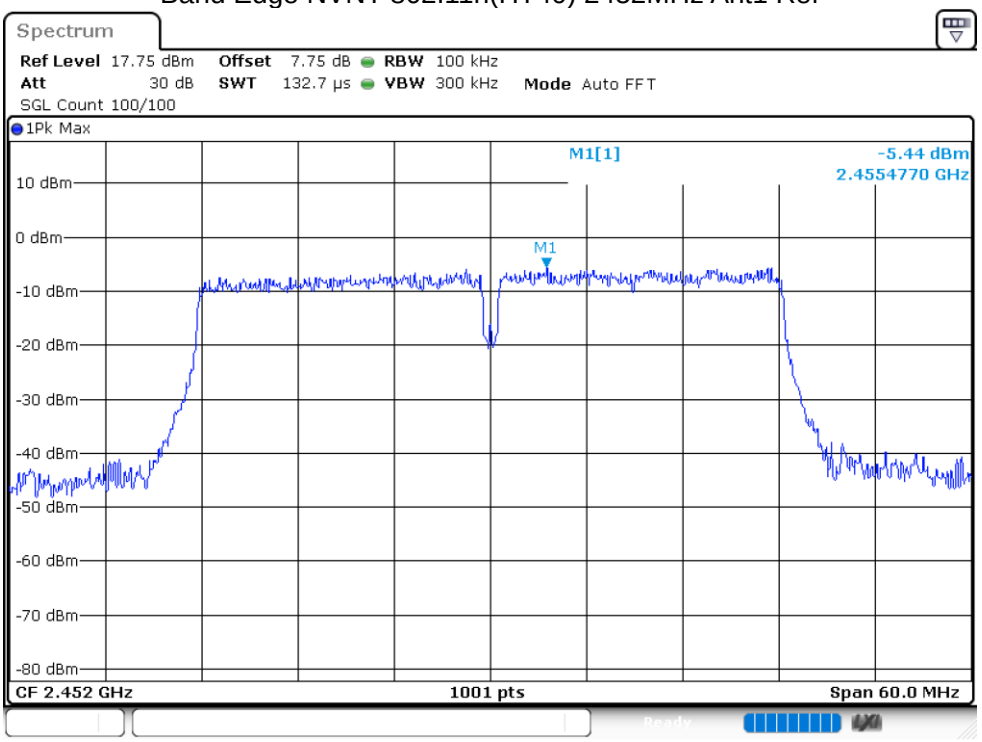
Band Edge NVNT 802.11n(HT40) 2422MHz Ant1 Ref



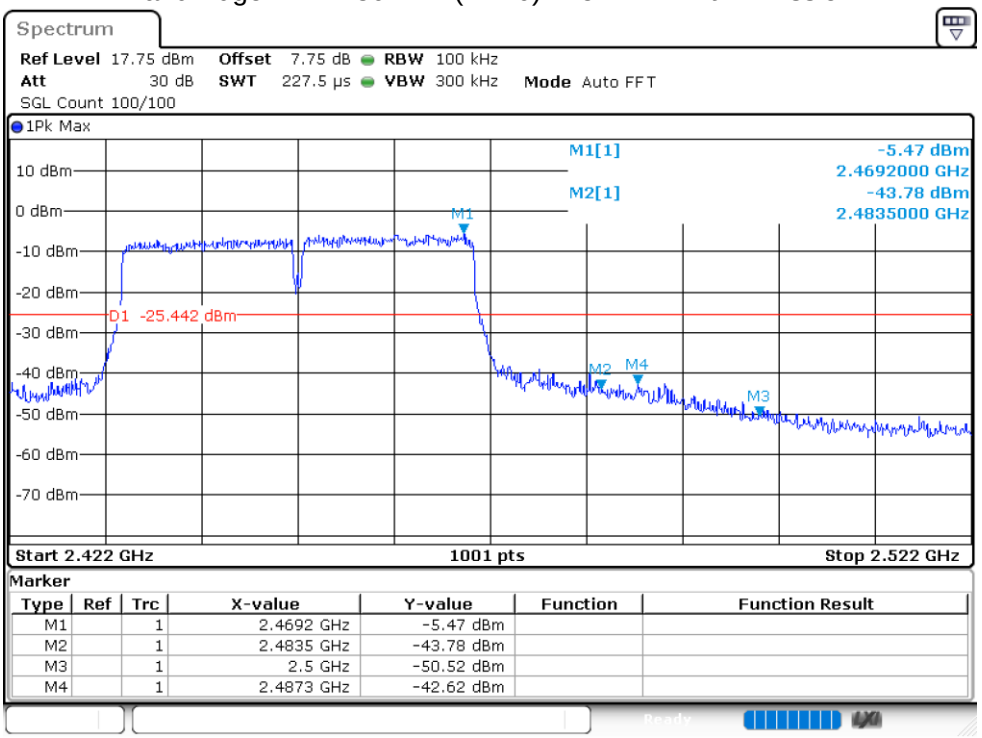
Band Edge NVNT 802.11n(HT40) 2422MHz Ant1 Emission



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



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



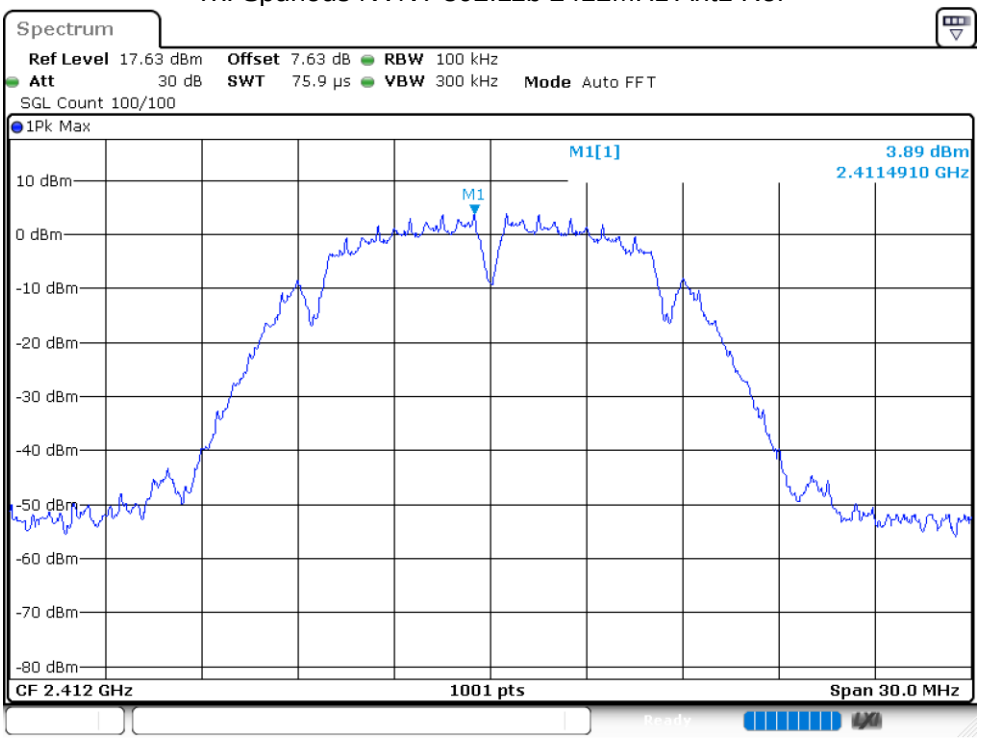
Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.4692 GHz	-5.47 dBm		
M2		1	2.4835 GHz	-43.78 dBm		
M3		1	2.5 GHz	-50.52 dBm		
M4		1	2.4873 GHz	-42.62 dBm		

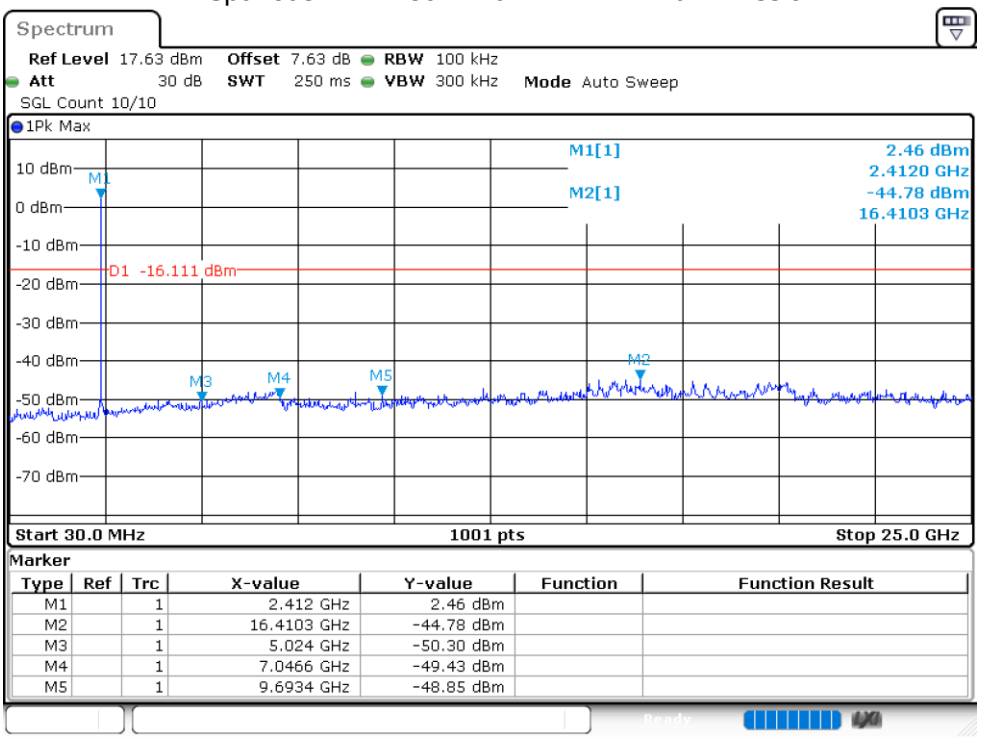
8.6 CONDUCTED RF SPURIOUS EMISSION

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	802.11b	2412	Ant 1	-48.66	-20	Pass
NVNT	802.11b	2437	Ant 1	-48.2	-20	Pass
NVNT	802.11b	2462	Ant 1	-48.15	-20	Pass
NVNT	802.11g	2412	Ant 1	-43.48	-20	Pass
NVNT	802.11g	2437	Ant 1	-42.37	-20	Pass
NVNT	802.11g	2462	Ant 1	-40.52	-20	Pass
NVNT	802.11n(HT20)	2412	Ant 1	-42.21	-20	Pass
NVNT	802.11n(HT20)	2437	Ant 1	-41.22	-20	Pass
NVNT	802.11n(HT20)	2462	Ant 1	-41.47	-20	Pass
NVNT	802.11n(HT40)	2422	Ant 1	-38.5	-20	Pass
NVNT	802.11n(HT40)	2437	Ant 1	-38.03	-20	Pass
NVNT	802.11n(HT40)	2452	Ant 1	-37.85	-20	Pass

Tx. Spurious NVNT 802.11b 2412MHz Ant1 Ref



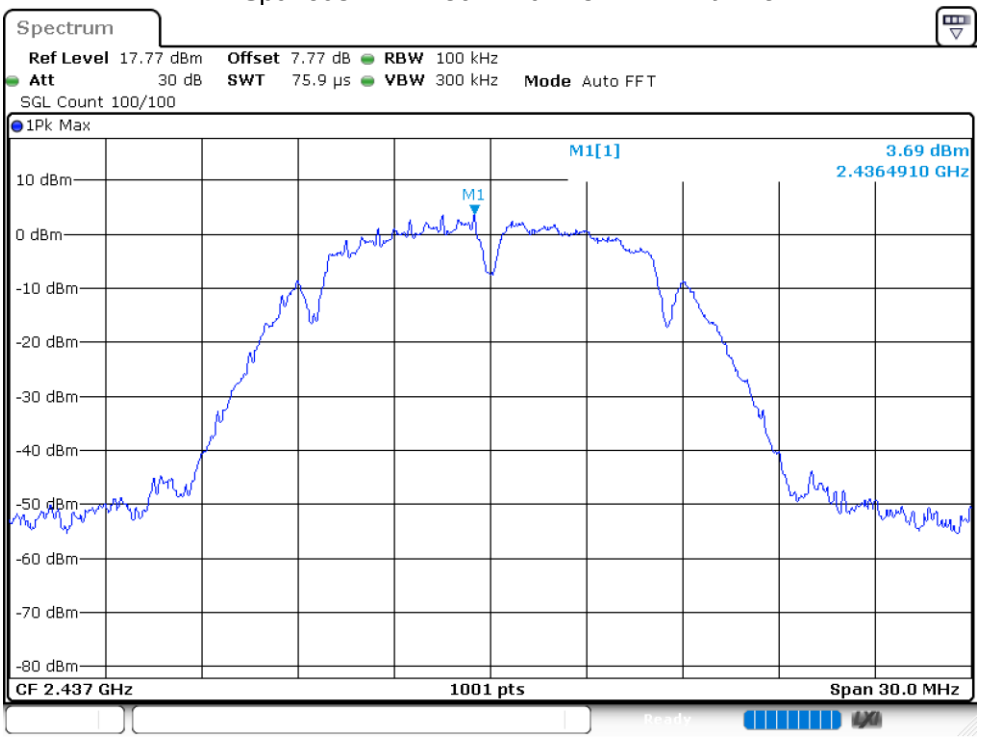
Tx. Spurious NVNT 802.11b 2412MHz Ant1 Emission



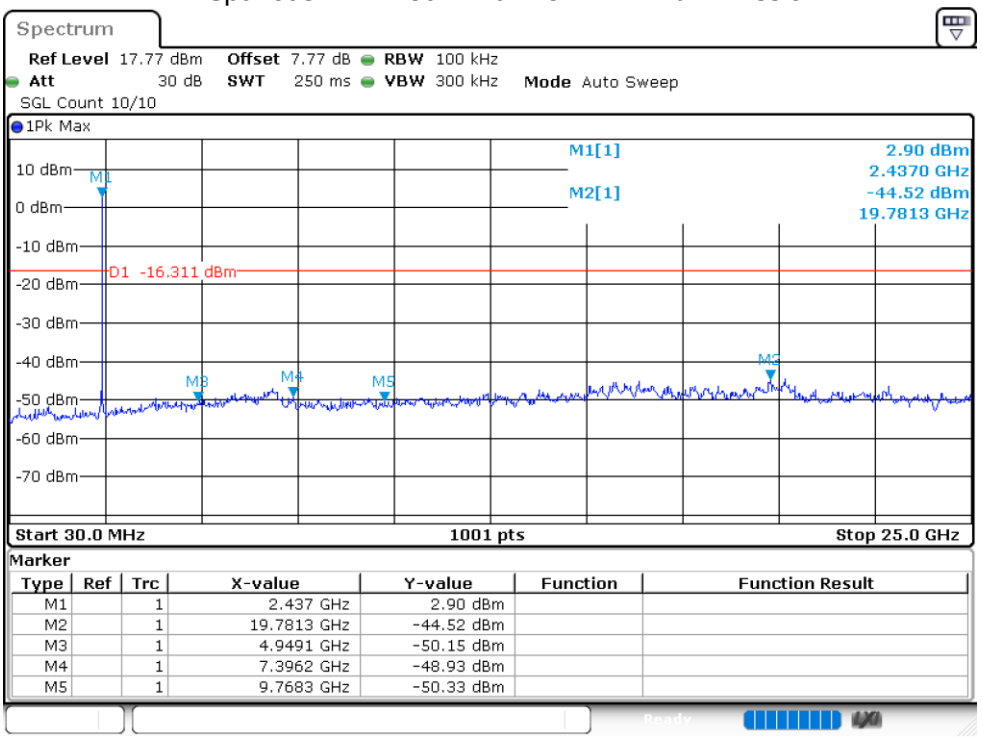
Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.412 GHz	2.46 dBm		
M2		1	16.4103 GHz	-44.78 dBm		
M3		1	5.024 GHz	-50.30 dBm		
M4		1	7.0466 GHz	-49.43 dBm		
M5		1	9.6934 GHz	-48.85 dBm		

Tx. Spurious NVNT 802.11b 2437MHz Ant1 Ref



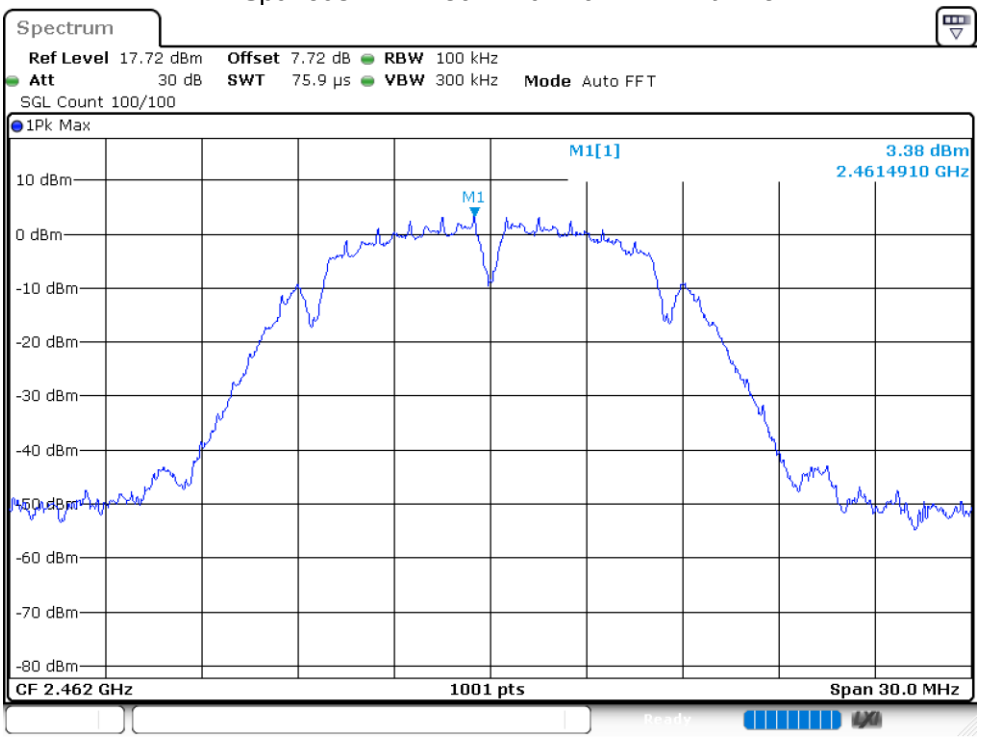
Tx. Spurious NVNT 802.11b 2437MHz Ant1 Emission



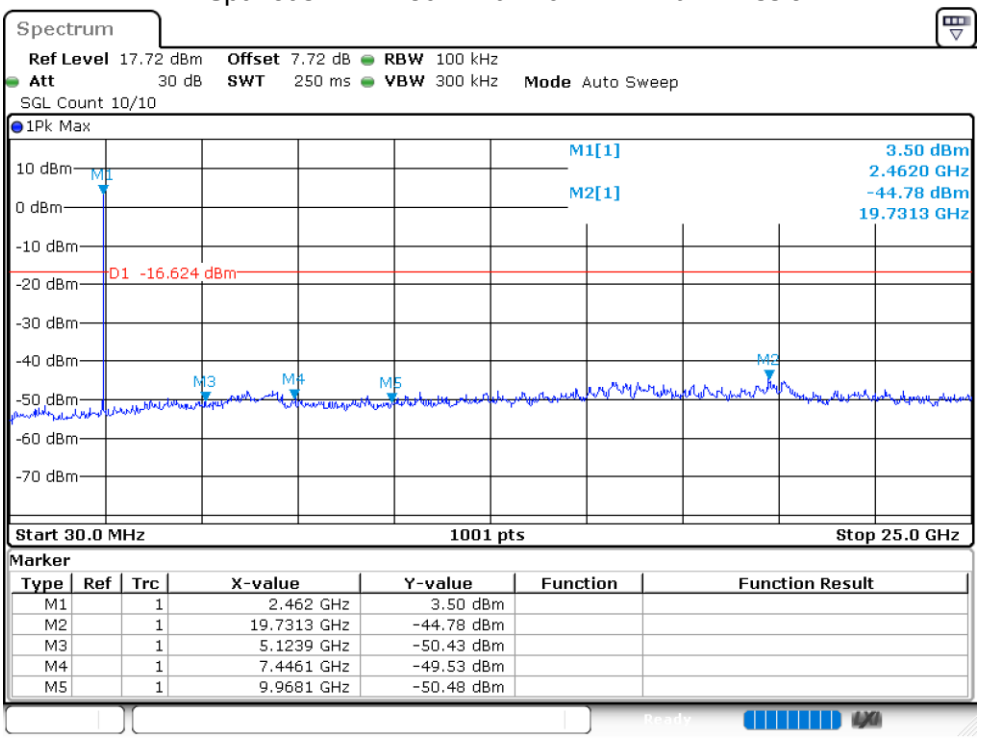
Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.437 GHz	2.90 dBm		
M2		1	19.7813 GHz	-44.52 dBm		
M3		1	4.9491 GHz	-50.15 dBm		
M4		1	7.3962 GHz	-48.93 dBm		
M5		1	9.7683 GHz	-50.33 dBm		

Tx. Spurious NVNT 802.11b 2462MHz Ant1 Ref



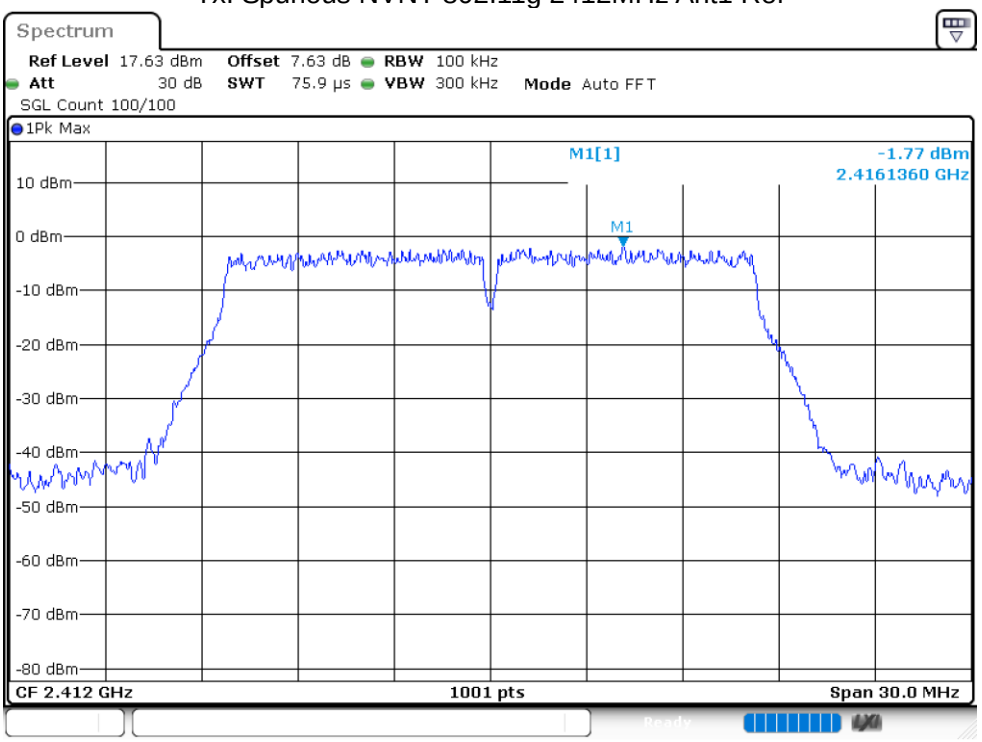
Tx. Spurious NVNT 802.11b 2462MHz Ant1 Emission



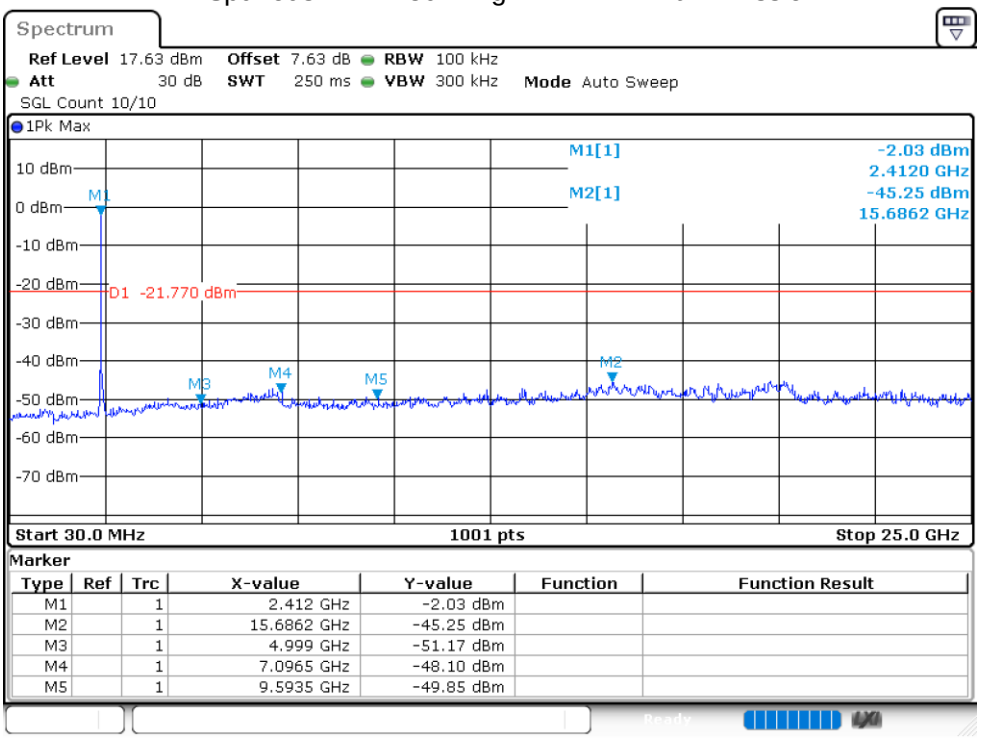
Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.462 GHz	3.50 dBm		
M2		1	19.7313 GHz	-44.78 dBm		
M3		1	5.1239 GHz	-50.43 dBm		
M4		1	7.4461 GHz	-49.53 dBm		
M5		1	9.9681 GHz	-50.48 dBm		

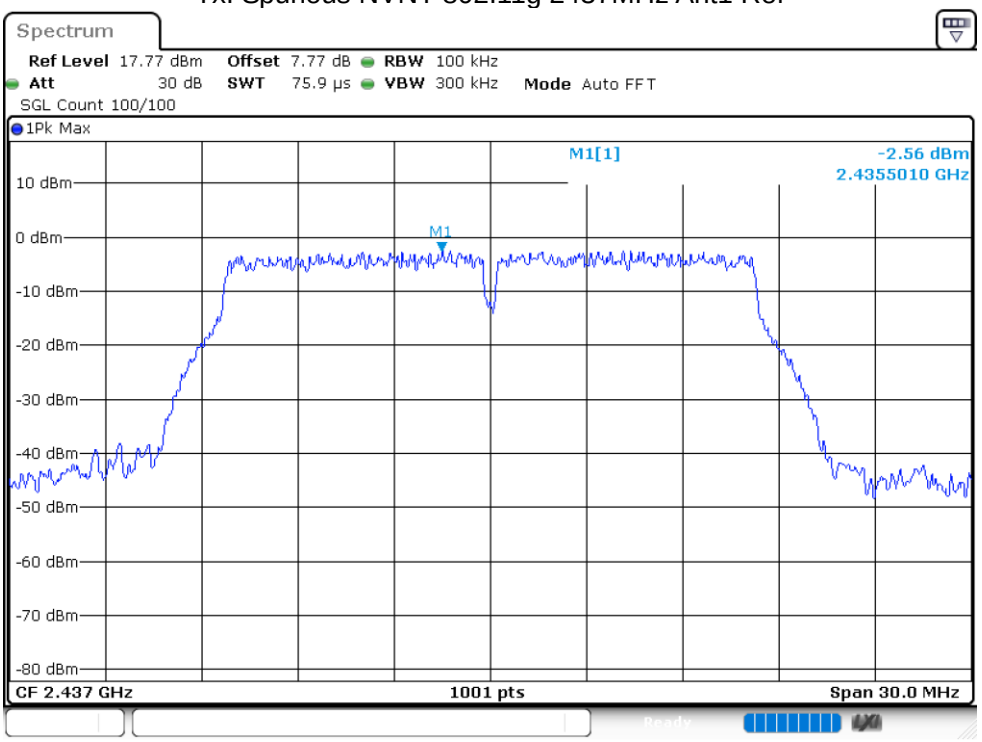
Tx. Spurious NVNT 802.11g 2412MHz Ant1 Ref



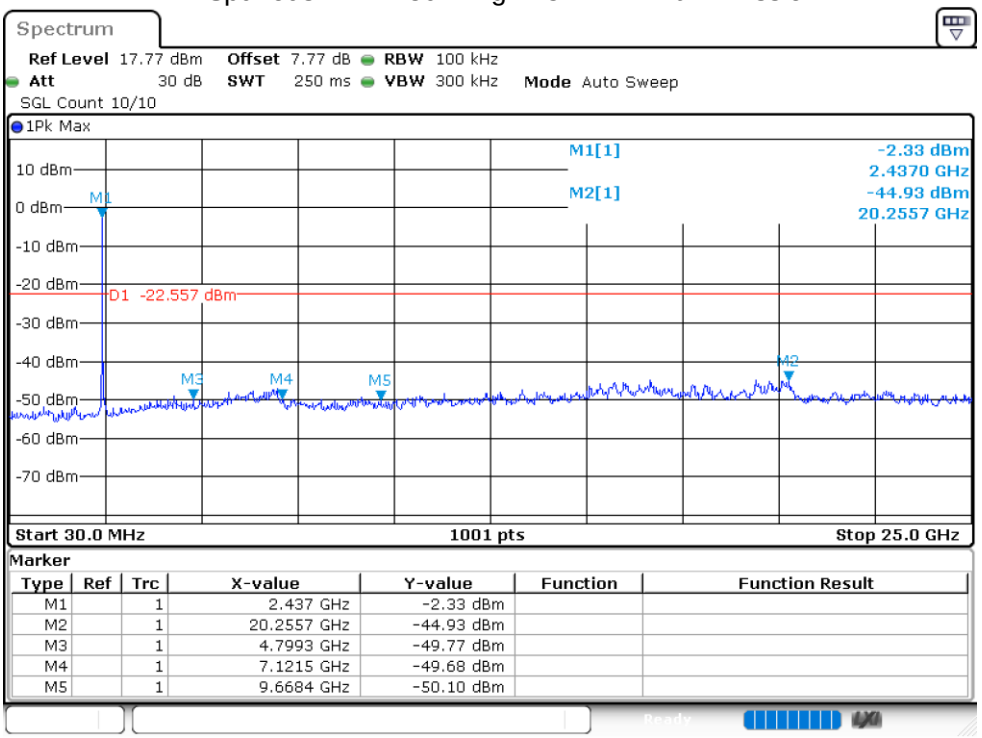
Tx. Spurious NVNT 802.11g 2412MHz Ant1 Emission



Tx. Spurious NVNT 802.11g 2437MHz Ant1 Ref



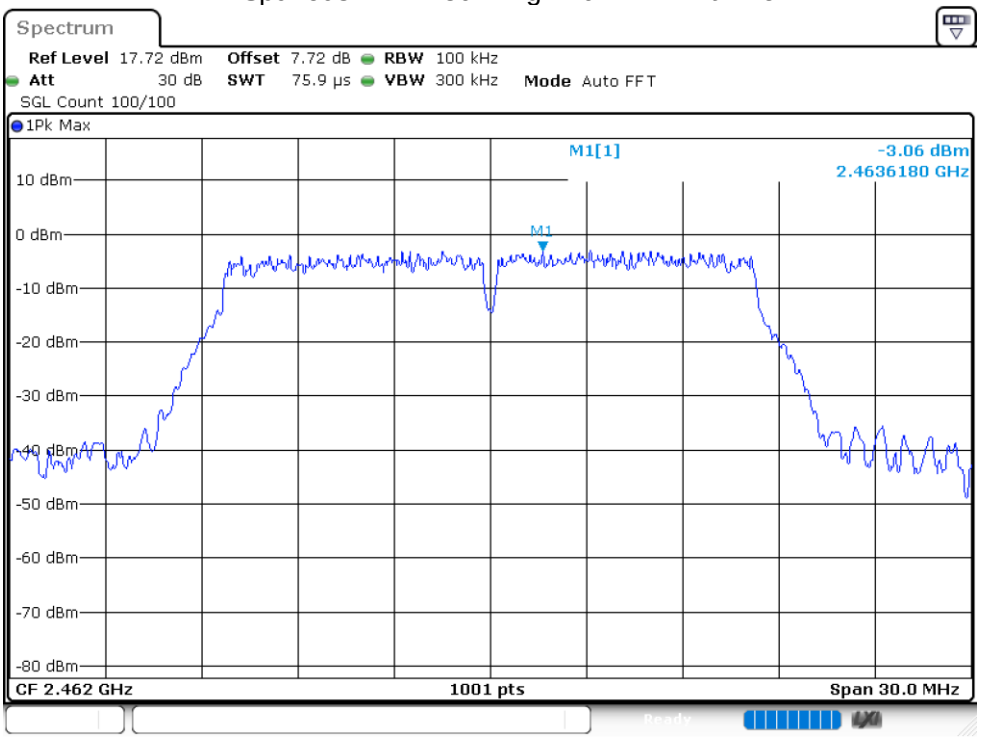
Tx. Spurious NVNT 802.11g 2437MHz Ant1 Emission



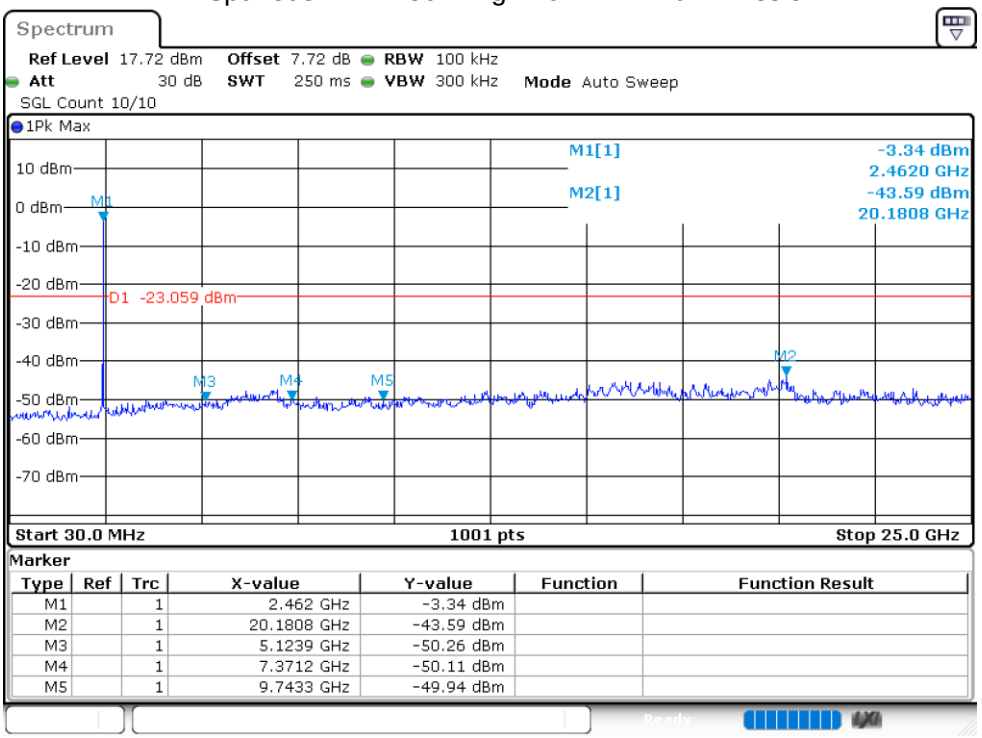
Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.437 GHz	-2.33 dBm		
M2		1	20.2557 GHz	-44.93 dBm		
M3		1	4.7993 GHz	-49.77 dBm		
M4		1	7.1215 GHz	-49.68 dBm		
M5		1	9.6684 GHz	-50.10 dBm		

Tx. Spurious NVNT 802.11g 2462MHz Ant1 Ref



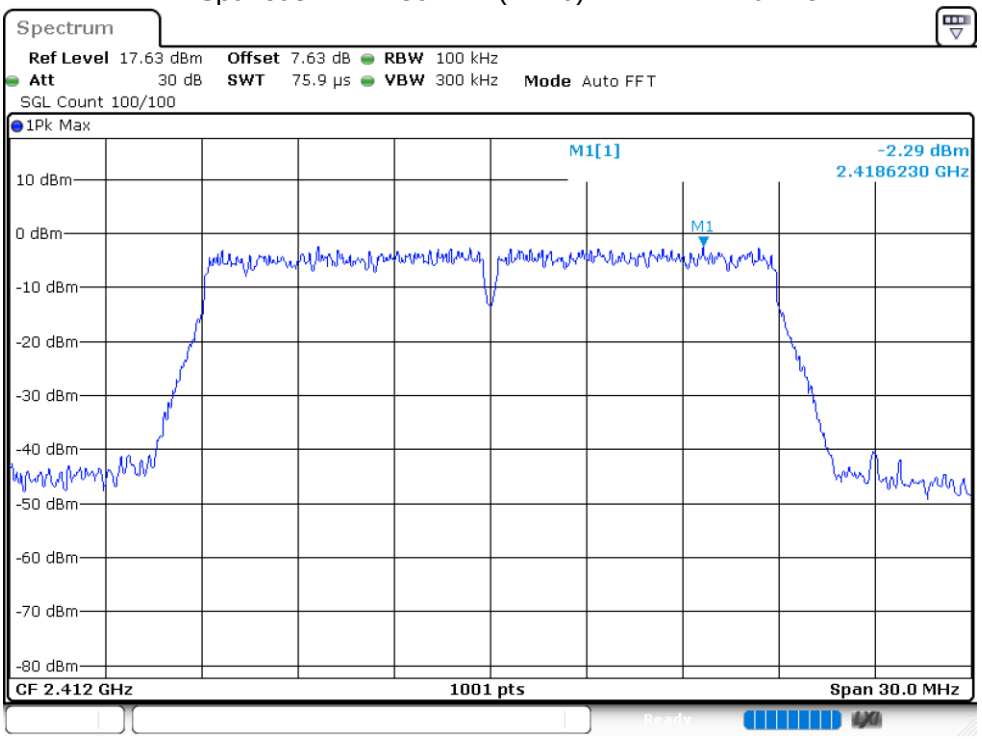
Tx. Spurious NVNT 802.11g 2462MHz Ant1 Emission



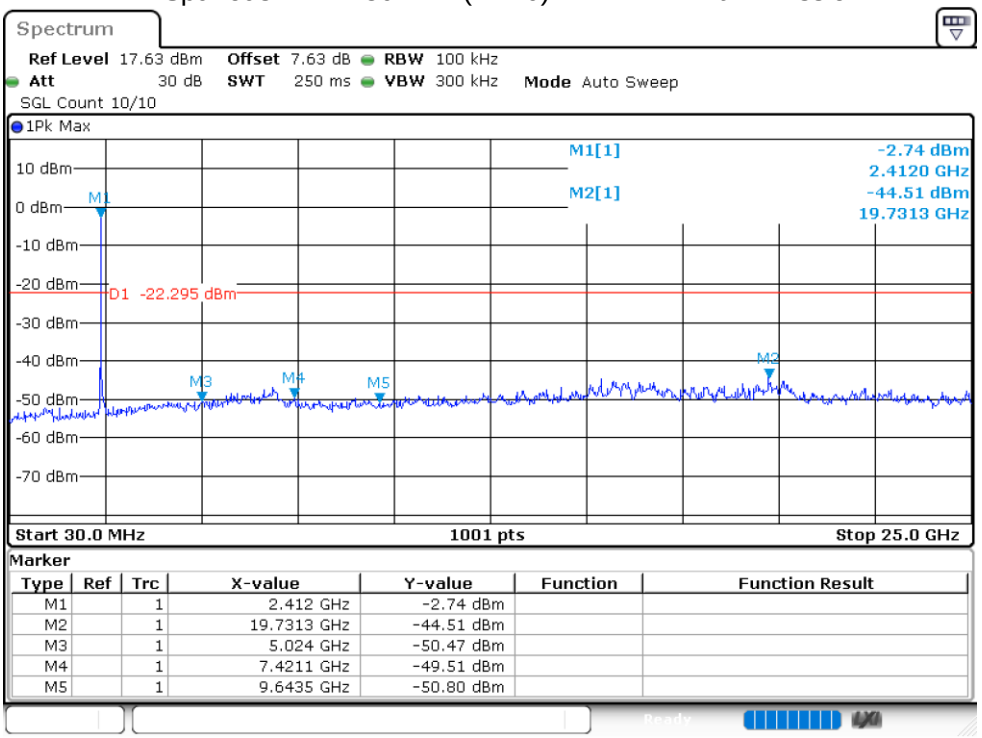
Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.462 GHz	-3.34 dBm		
M2		1	20.1808 GHz	-43.59 dBm		
M3		1	5.1239 GHz	-50.26 dBm		
M4		1	7.3712 GHz	-50.11 dBm		
M5		1	9.7433 GHz	-49.94 dBm		

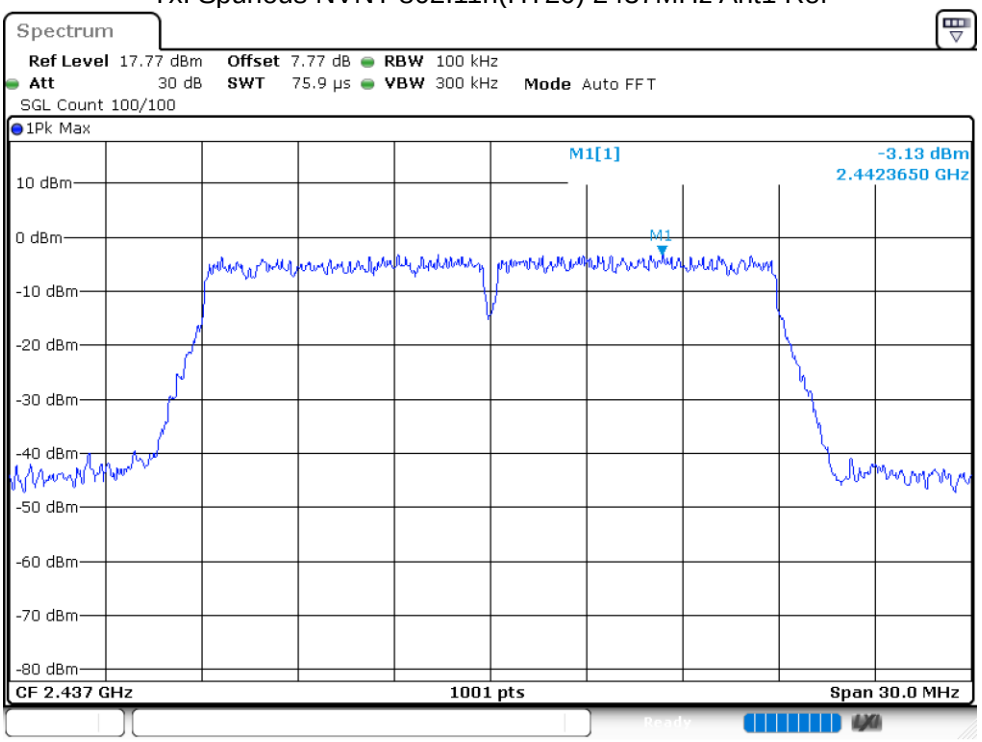
Tx. Spurious NVNT 802.11n(HT20) 2412MHz Ant1 Ref



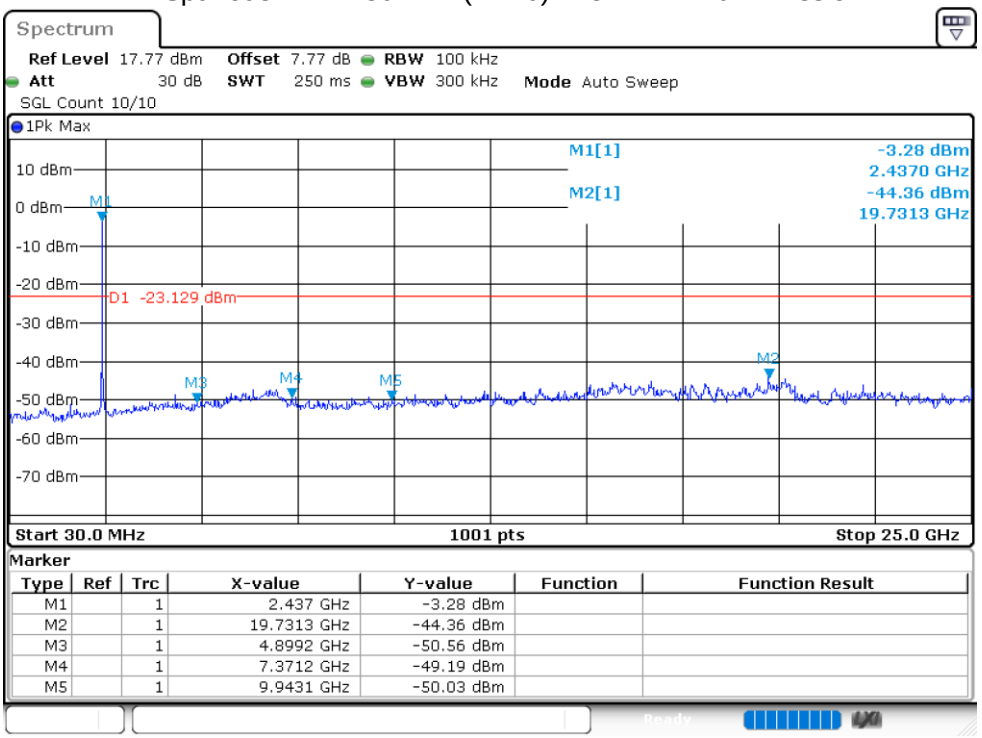
Tx. Spurious NVNT 802.11n(HT20) 2412MHz Ant1 Emission



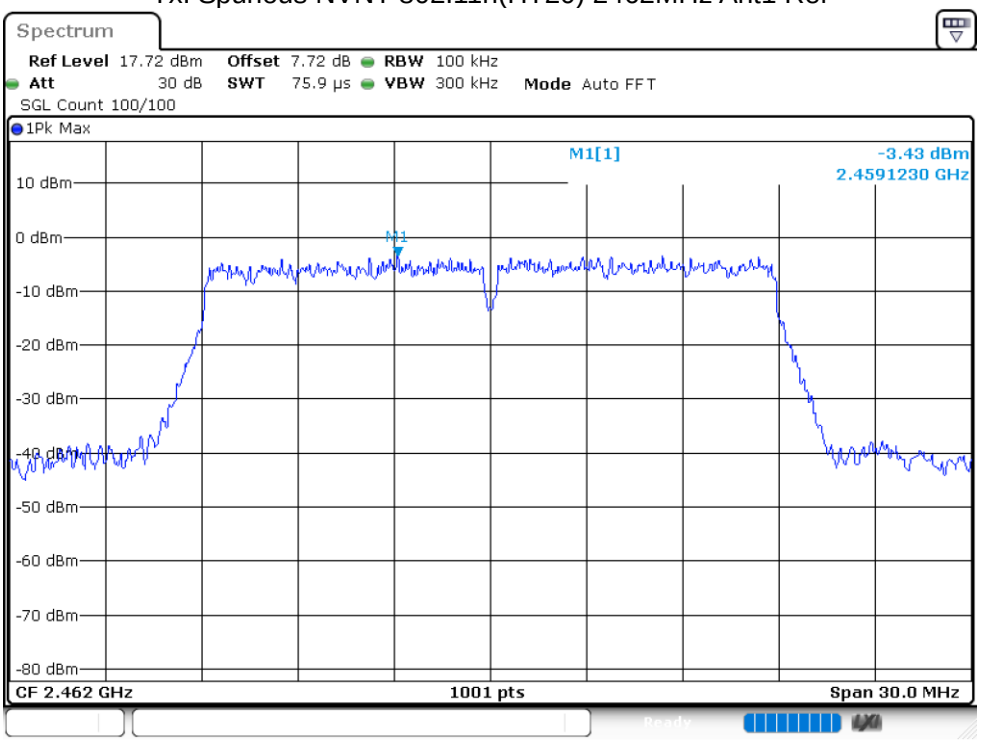
Tx. Spurious NVNT 802.11n(HT20) 2437MHz Ant1 Ref



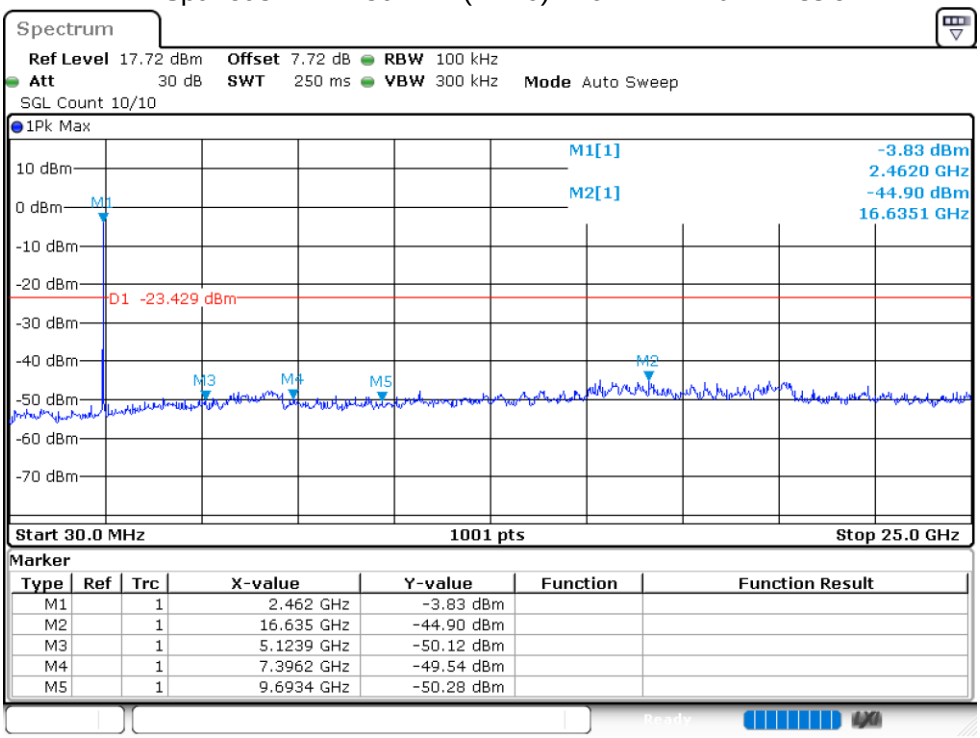
Tx. Spurious NVNT 802.11n(HT20) 2437MHz Ant1 Emission



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



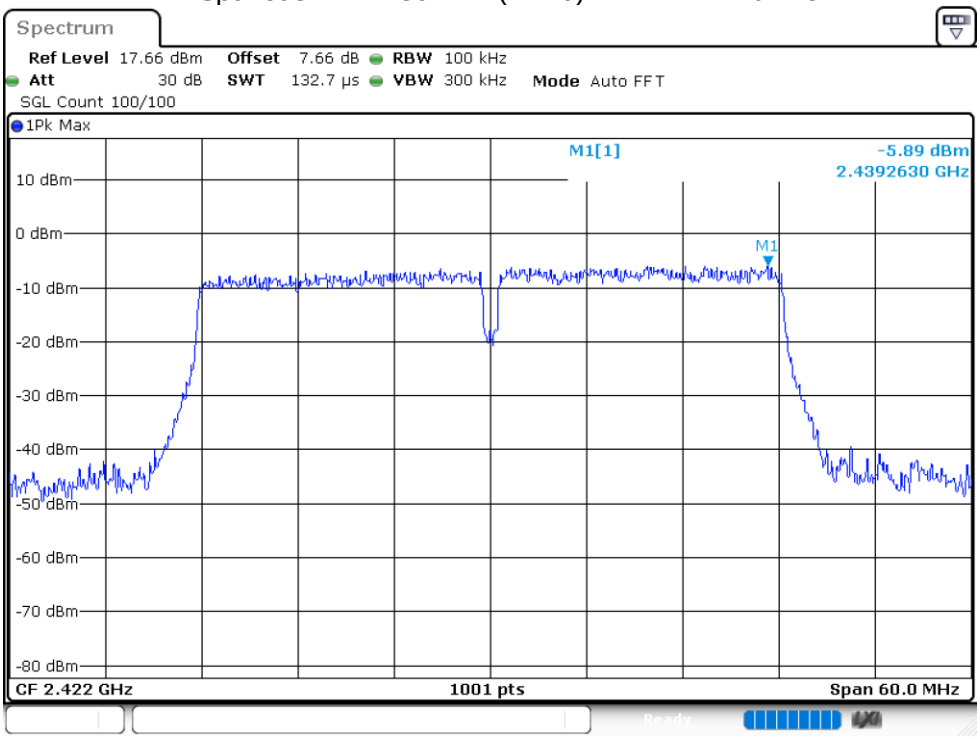
Tx. Spurious NVNT 802.11n(HT20) 2462MHz Ant1 Emission



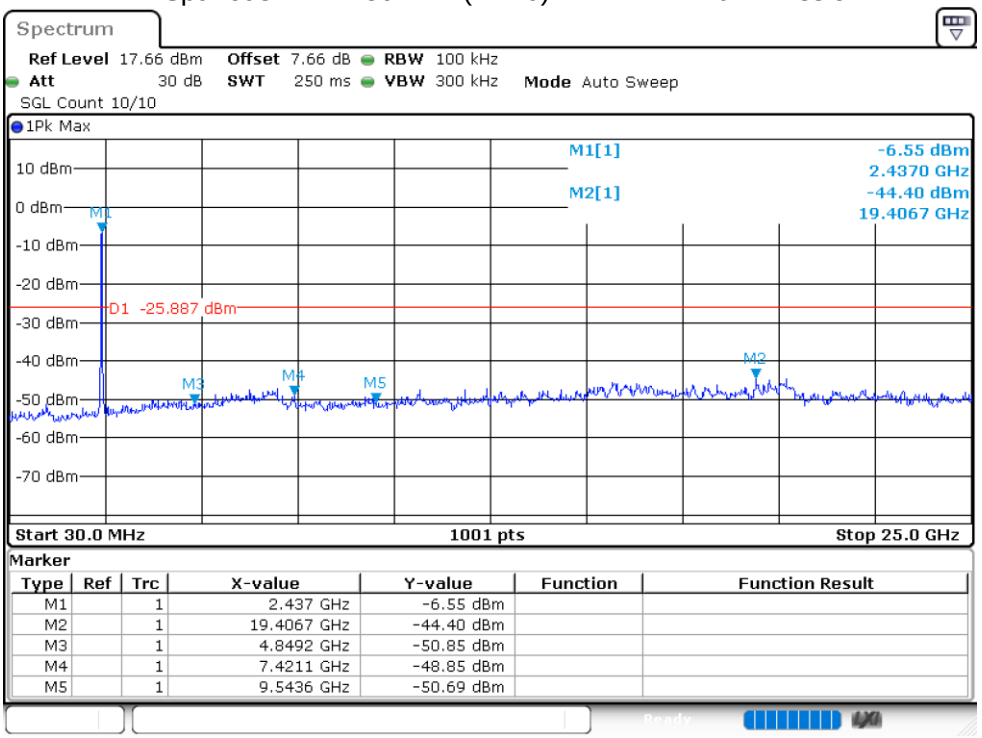
Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.462 GHz	-3.83 dBm		
M2		1	16.635 GHz	-44.90 dBm		
M3		1	5.1239 GHz	-50.12 dBm		
M4		1	7.3962 GHz	-49.54 dBm		
M5		1	9.6934 GHz	-50.28 dBm		

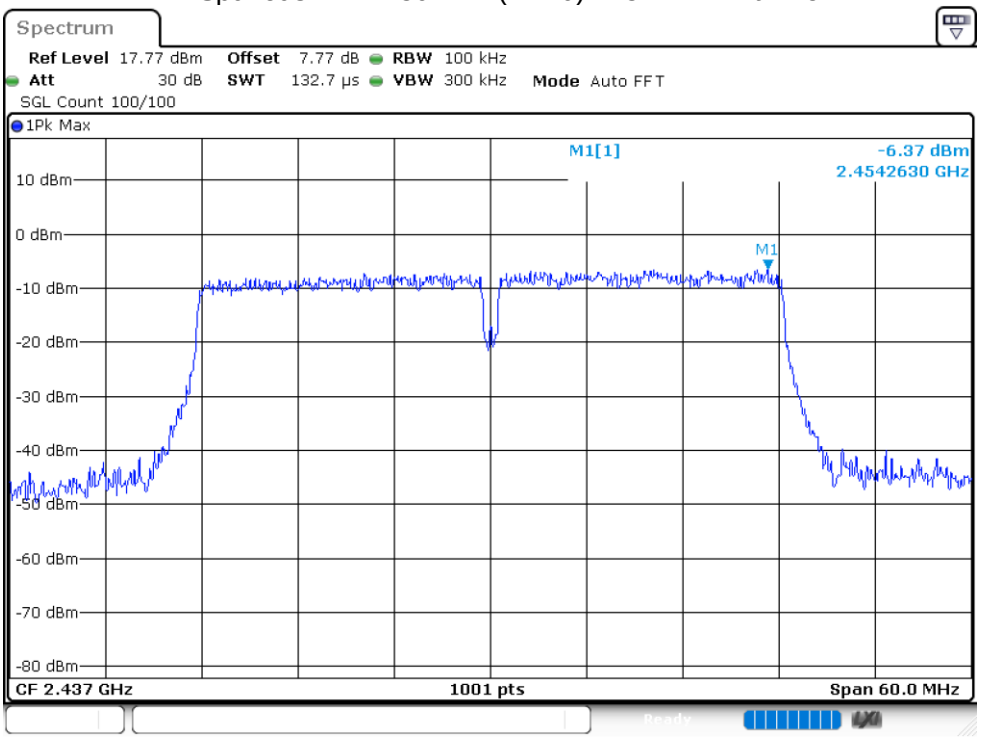
Tx. Spurious NVNT 802.11n(HT40) 2422MHz Ant1 Ref



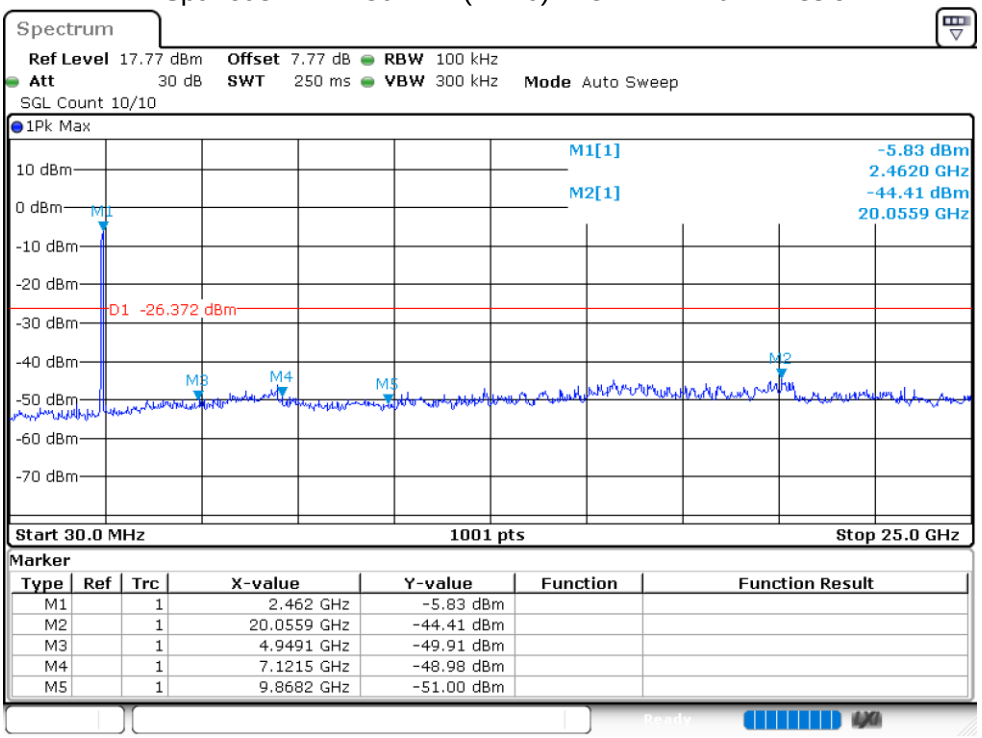
Tx. Spurious NVNT 802.11n(HT40) 2422MHz Ant1 Emission



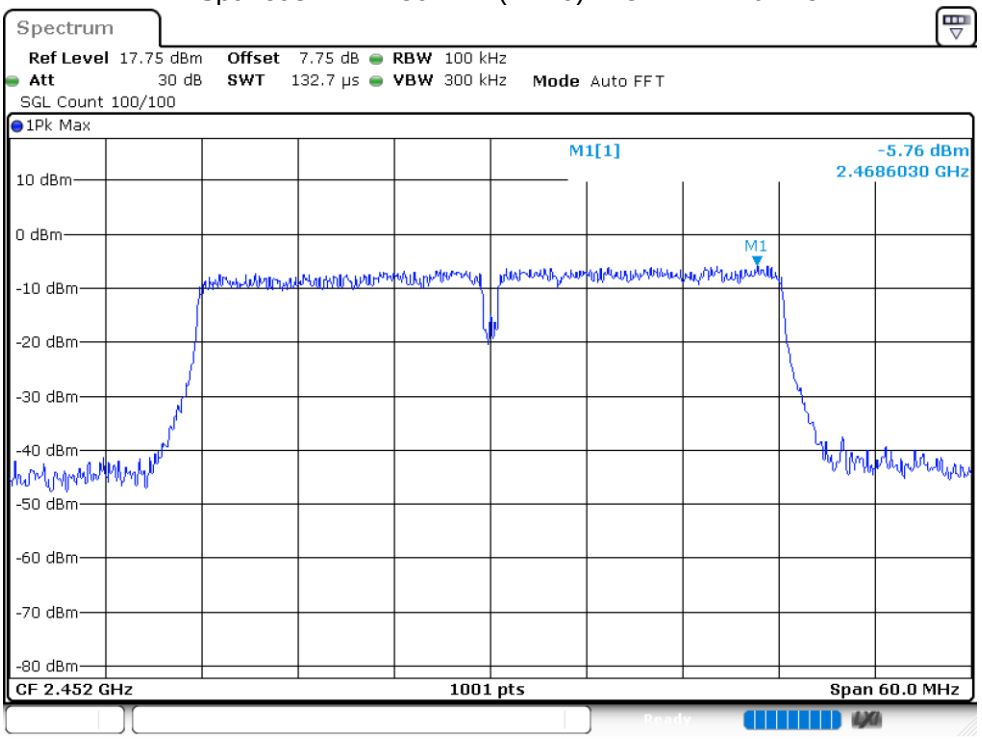
Tx. Spurious NVNT 802.11n(HT40) 2437MHz Ant1 Ref



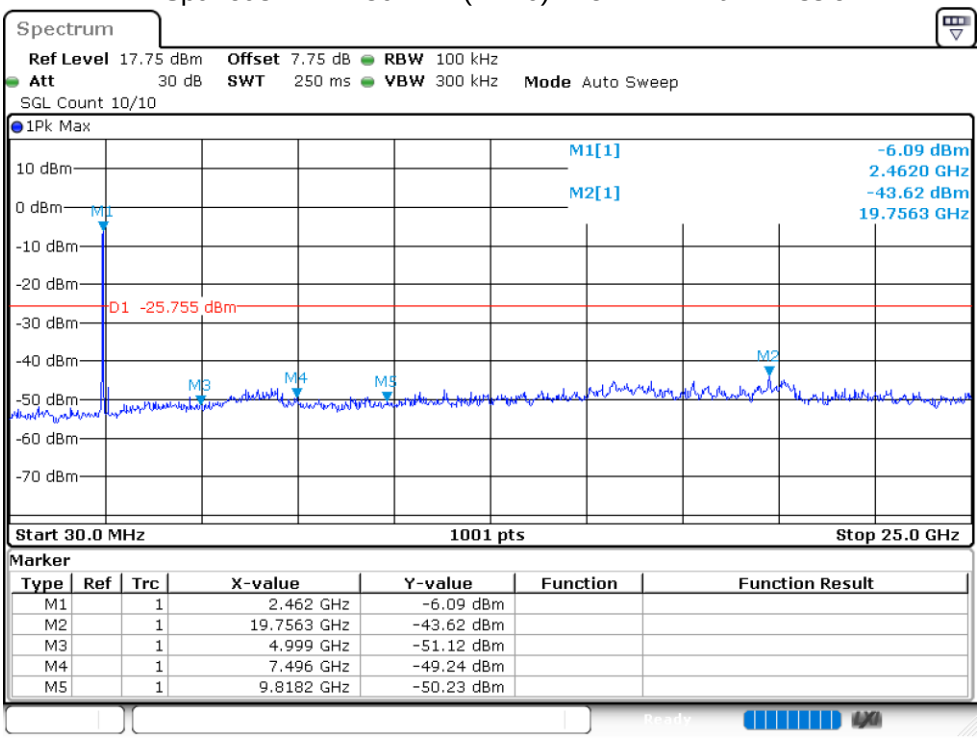
Tx. Spurious NVNT 802.11n(HT40) 2437MHz Ant1 Emission



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



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



Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.462 GHz	-6.09 dBm		
M2		1	19.7563 GHz	-43.62 dBm		
M3		1	4.999 GHz	-51.12 dBm		
M4		1	7.496 GHz	-49.24 dBm		
M5		1	9.8182 GHz	-50.23 dBm		

END OF REPORT