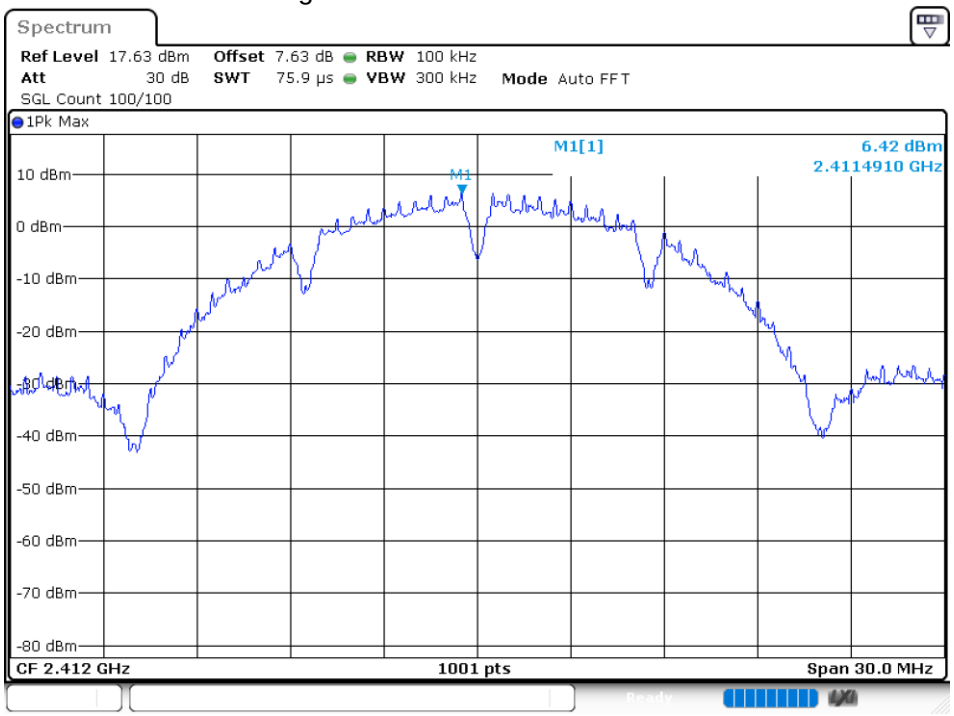
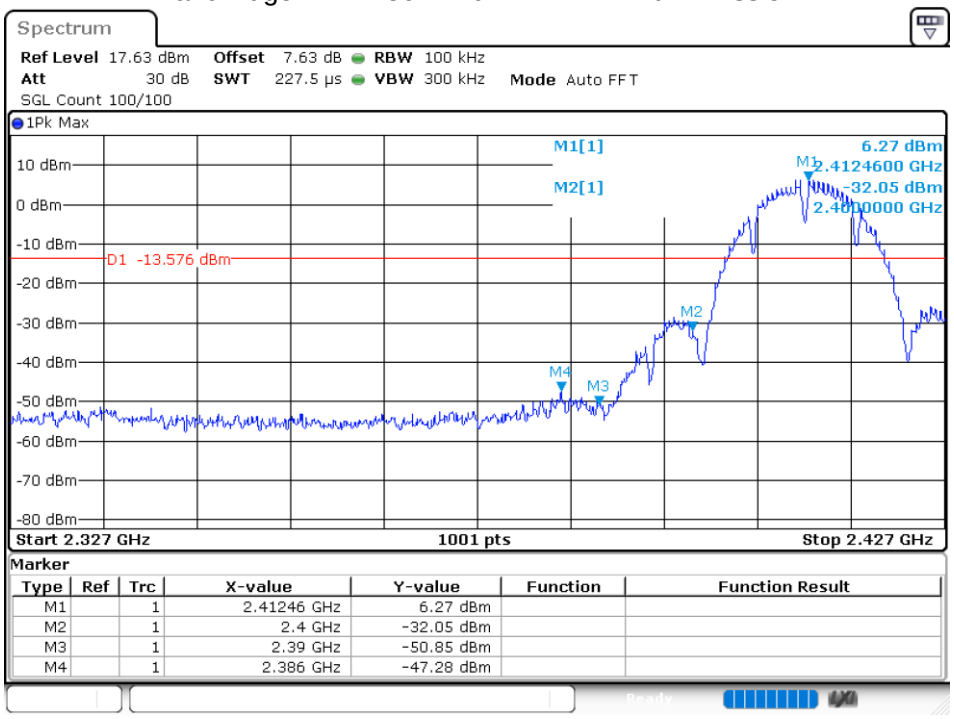
8.5 BAND EDGE

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	802.11b	2412	Ant 1	-53.7	-20	Pass
NVNT	802.11b	2462	Ant 1	-53.17	-20	Pass
NVNT	802.11g	2412	Ant 1	-43.12	-20	Pass
NVNT	802.11g	2462	Ant 1	-41.73	-20	Pass
NVNT	802.11n(HT20)	2412	Ant 1	-41.72	-20	Pass
NVNT	802.11n(HT20)	2462	Ant 1	-35.68	-20	Pass
NVNT	802.11n(HT40)	2422	Ant 1	-33.08	-20	Pass
NVNT	802.11n(HT40)	2452	Ant 1	-28.97	-20	Pass

Band Edge NVNT 802.11b 2412MHz Ant1 Ref



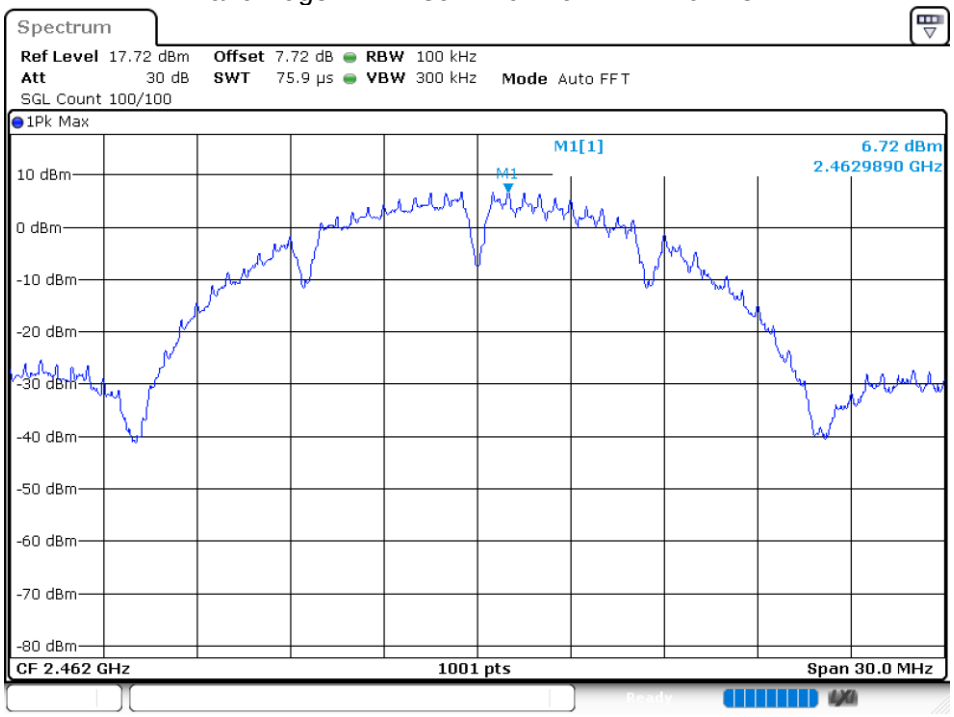
Band Edge NVNT 802.11b 2412MHz Ant1 Emission



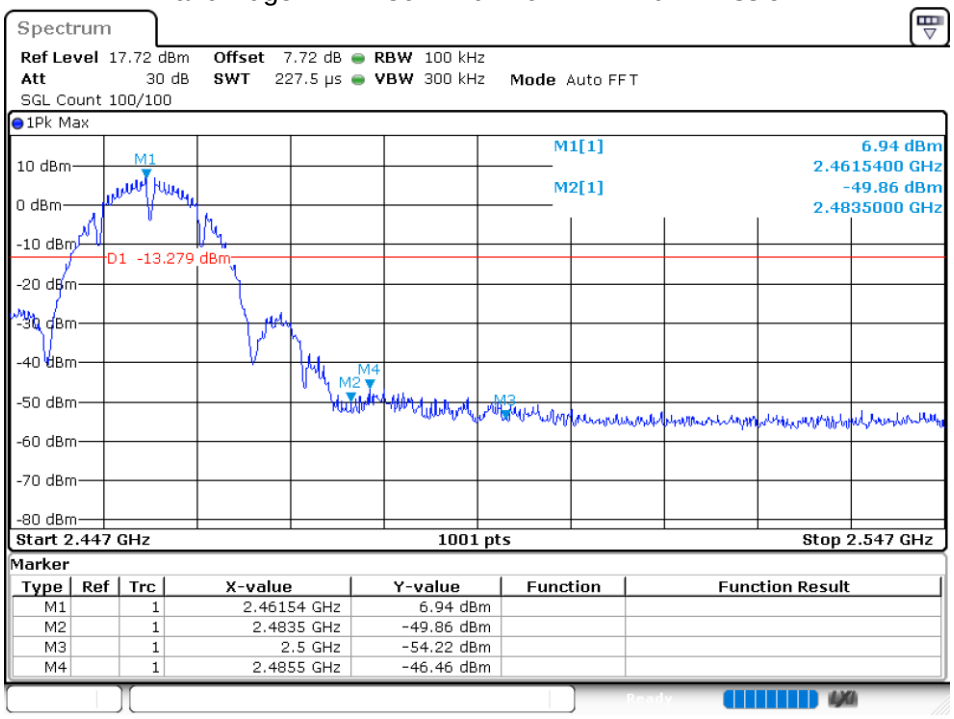
Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.41246 GHz	6.27 dBm		
M2		1	2.4 GHz	-32.05 dBm		
M3		1	2.39 GHz	-50.85 dBm		
M4		1	2.386 GHz	-47.28 dBm		

Band Edge NVNT 802.11b 2462MHz Ant1 Ref



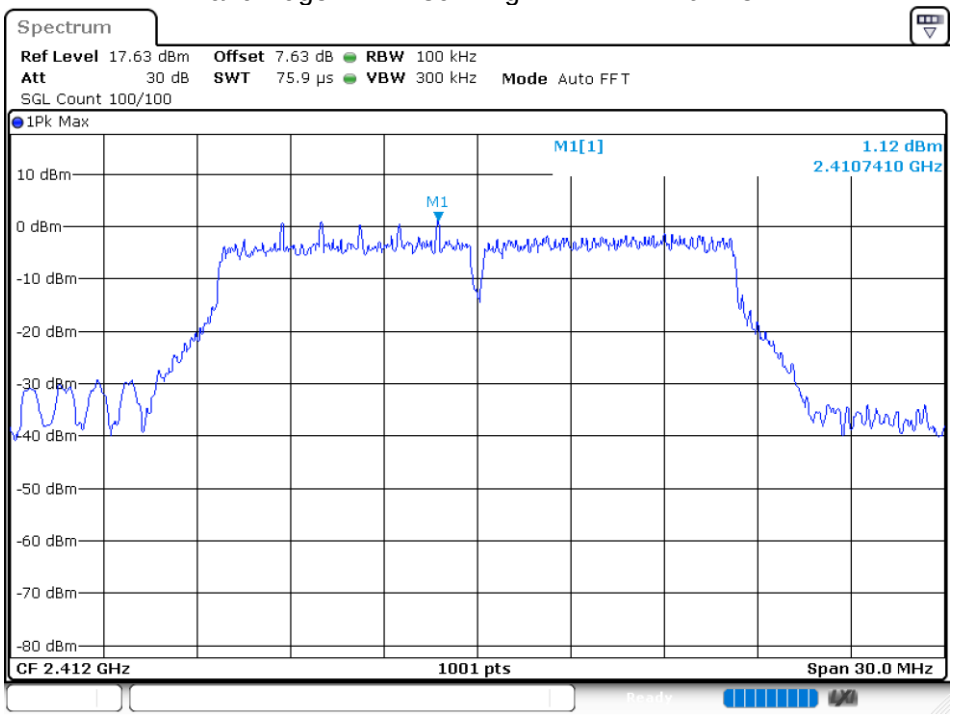
Band Edge NVNT 802.11b 2462MHz Ant1 Emission



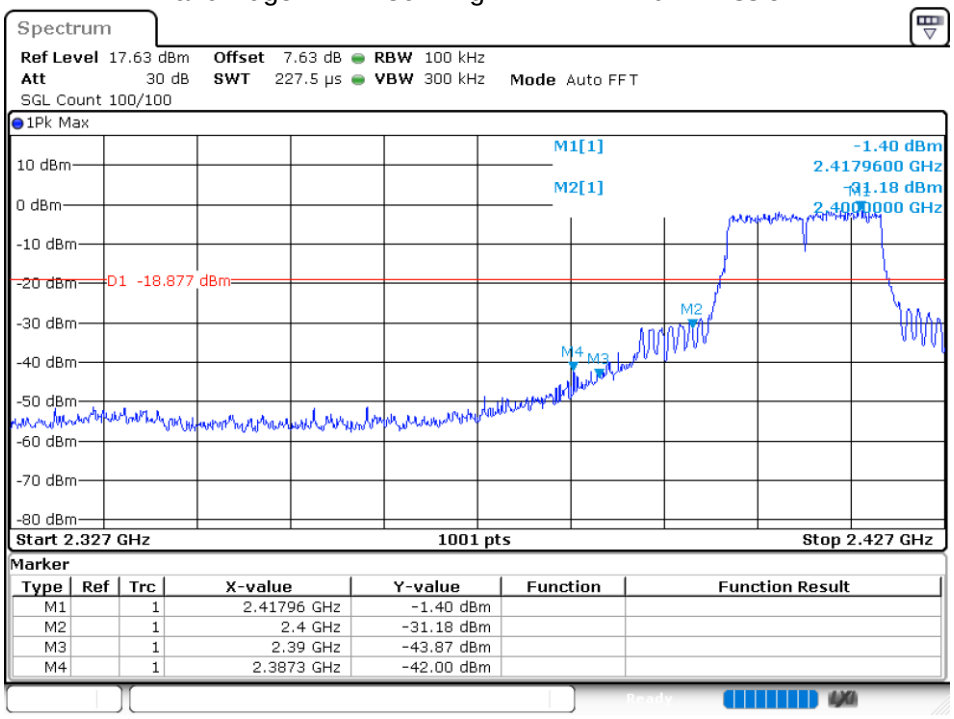
Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.46154 GHz	6.94 dBm		
M2		1	2.4835 GHz	-49.86 dBm		
M3		1	2.5 GHz	-54.22 dBm		
M4		1	2.4855 GHz	-46.46 dBm		

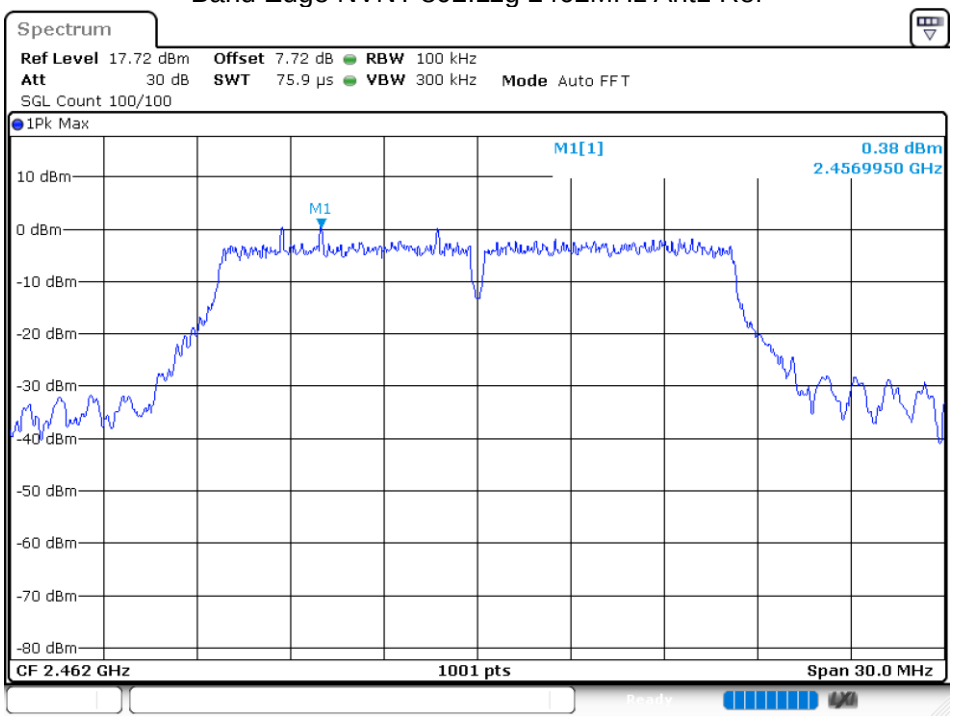
Band Edge NVNT 802.11g 2412MHz Ant1 Ref



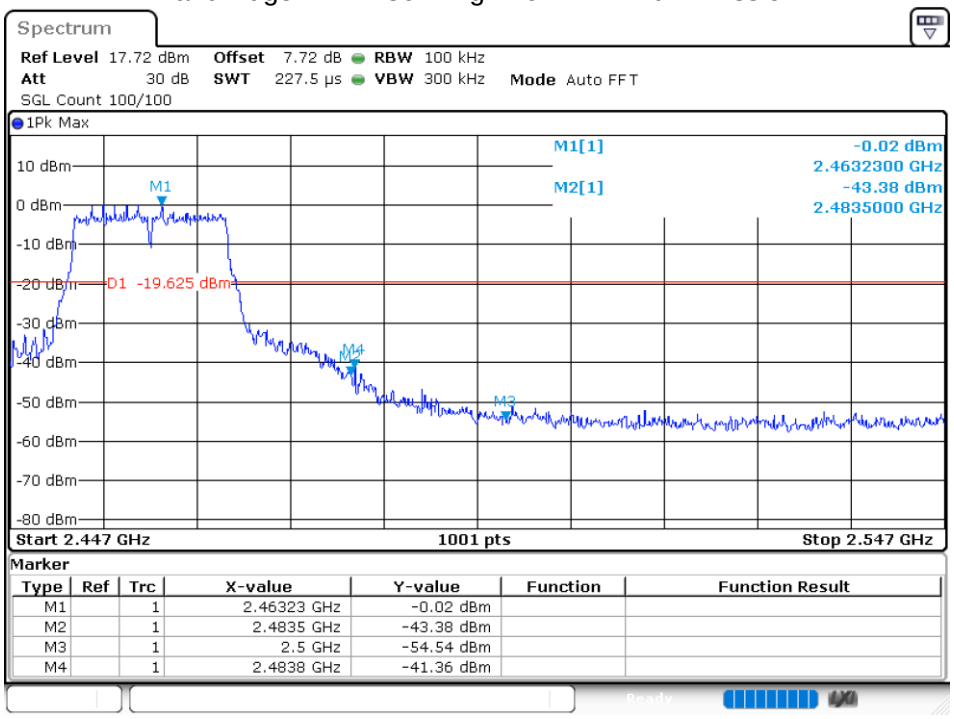
Band Edge NVNT 802.11g 2412MHz Ant1 Emission



Band Edge NVNT 802.11g 2462MHz Ant1 Ref



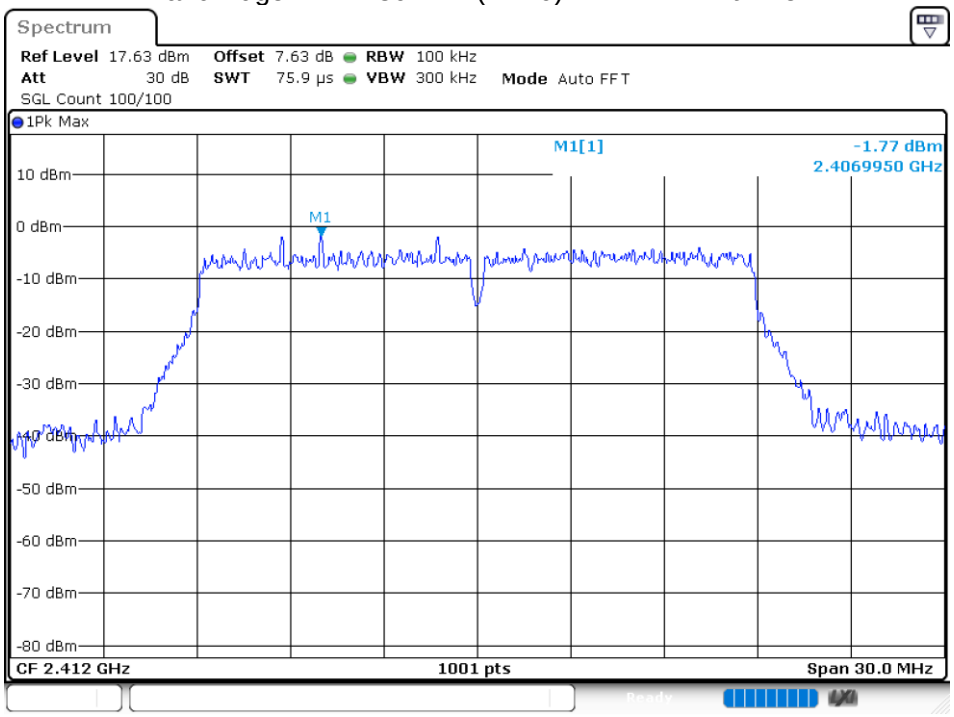
Band Edge NVNT 802.11g 2462MHz Ant1 Emission



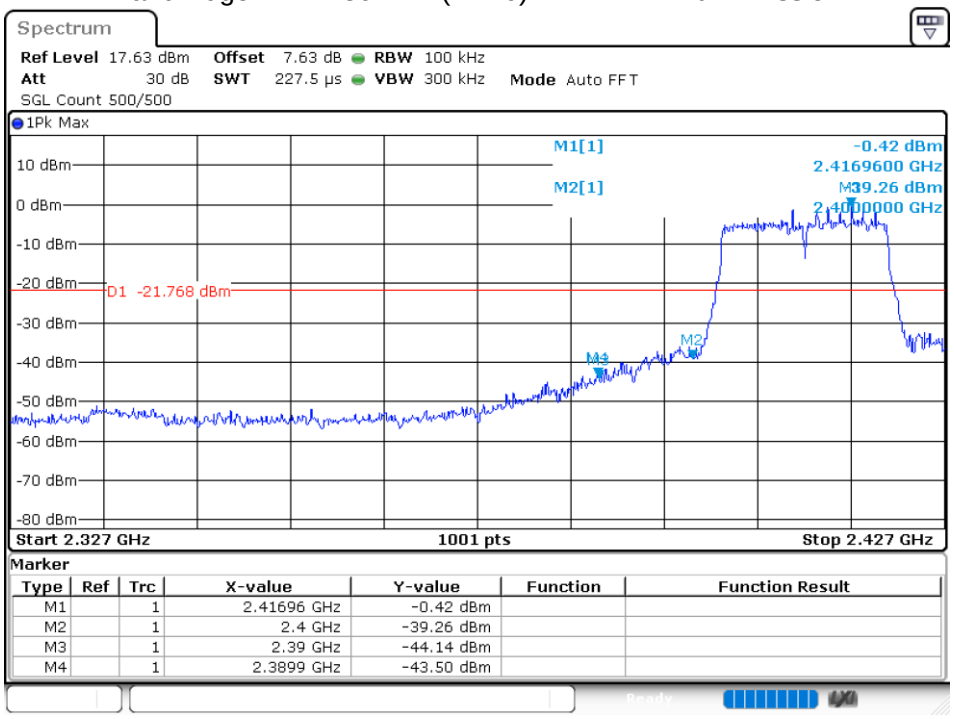
Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.46323 GHz	-0.02 dBm		
M2		1	2.4835 GHz	-43.38 dBm		
M3		1	2.5 GHz	-54.54 dBm		
M4		1	2.4838 GHz	-41.36 dBm		

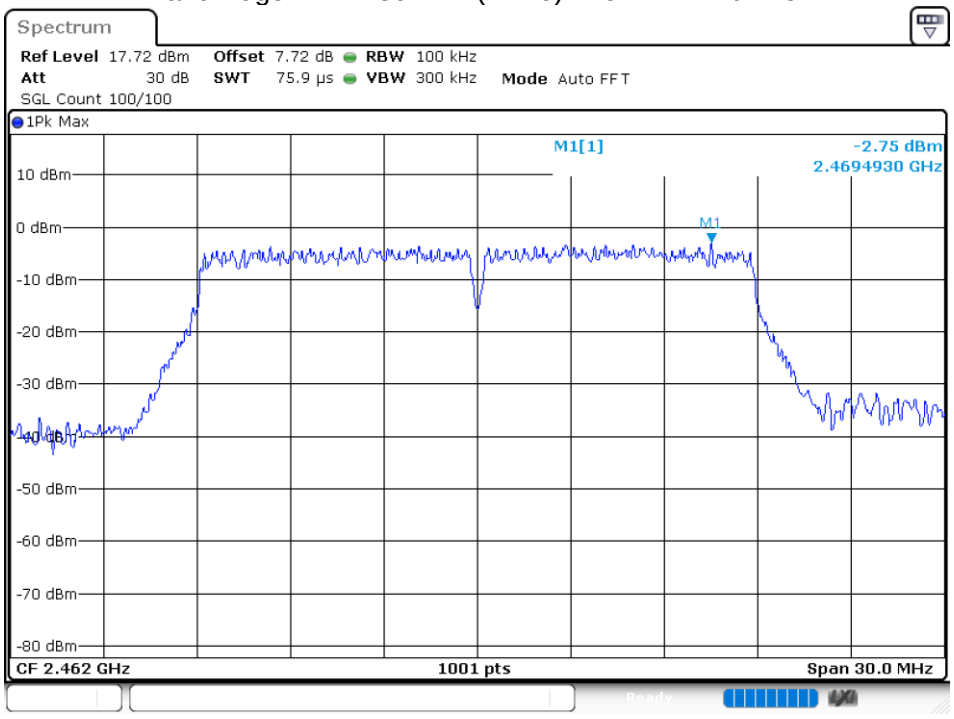
Band Edge NVNT 802.11n(HT20) 2412MHz Ant1 Ref



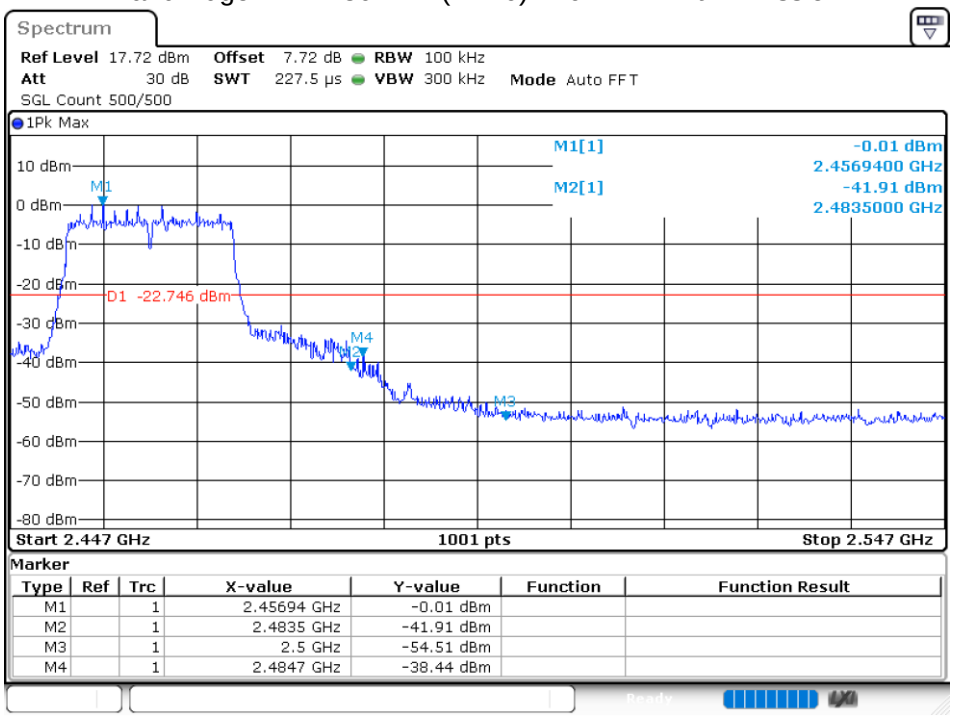
Band Edge NVNT 802.11n(HT20) 2412MHz Ant1 Emission



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



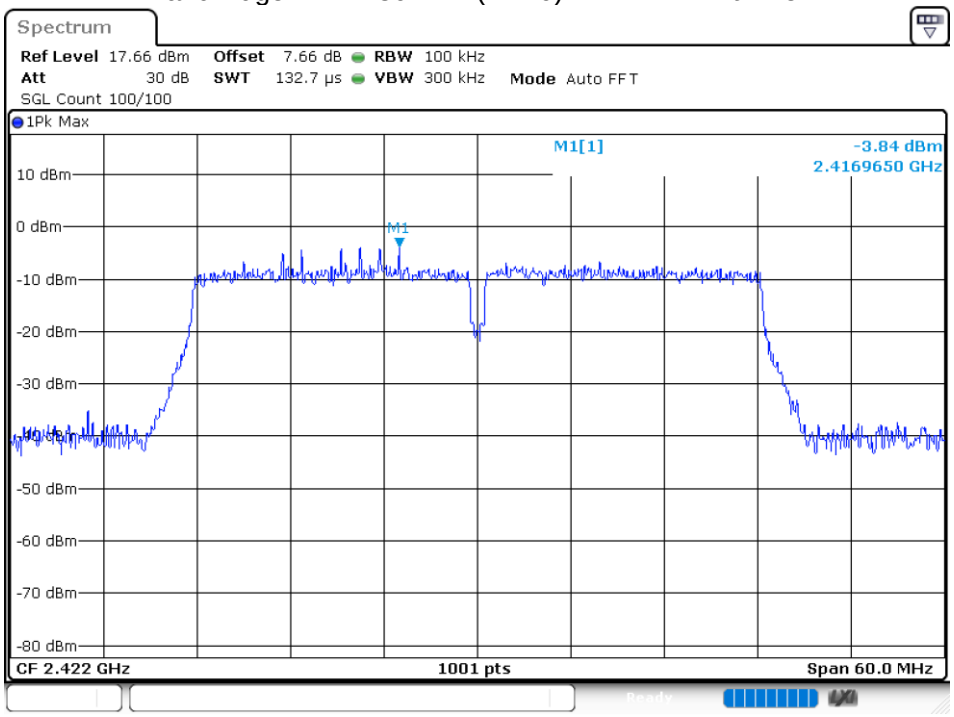
Band Edge NVNT 802.11n(HT20) 2462MHz Ant1 Emission



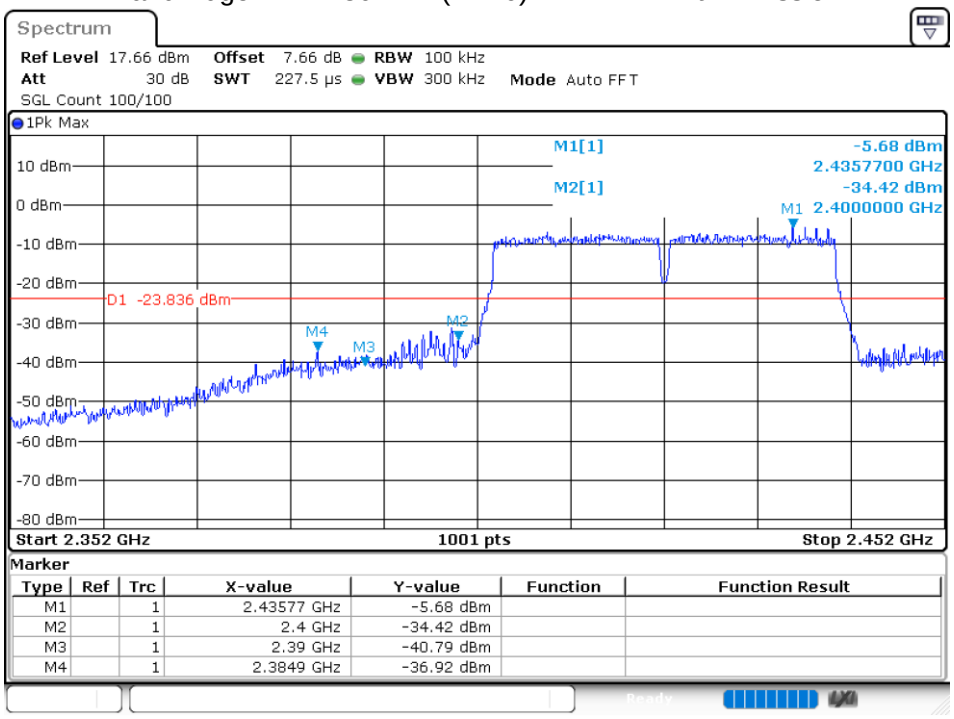
Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.45694 GHz	-0.01 dBm		
M2		1	2.4835 GHz	-41.91 dBm		
M3		1	2.5 GHz	-54.51 dBm		
M4		1	2.4847 GHz	-38.44 dBm		

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



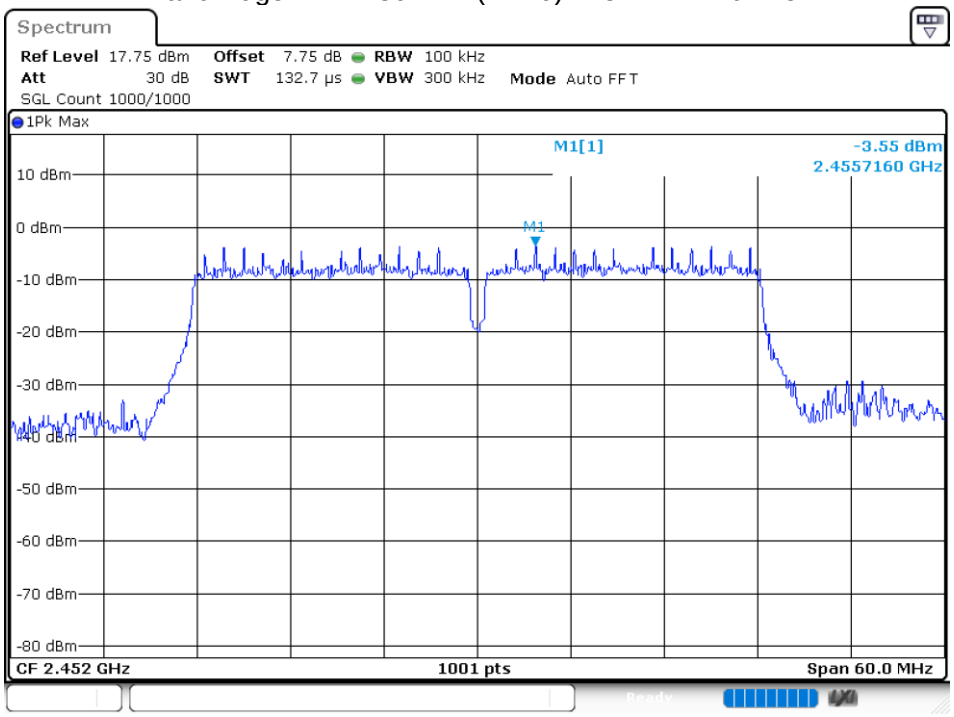
Band Edge NVNT 802.11n(HT40) 2422MHz Ant1 Emission



Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.43577 GHz	-5.68 dBm		
M2		1	2.4 GHz	-34.42 dBm		
M3		1	2.39 GHz	-40.79 dBm		
M4		1	2.3849 GHz	-36.92 dBm		

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



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

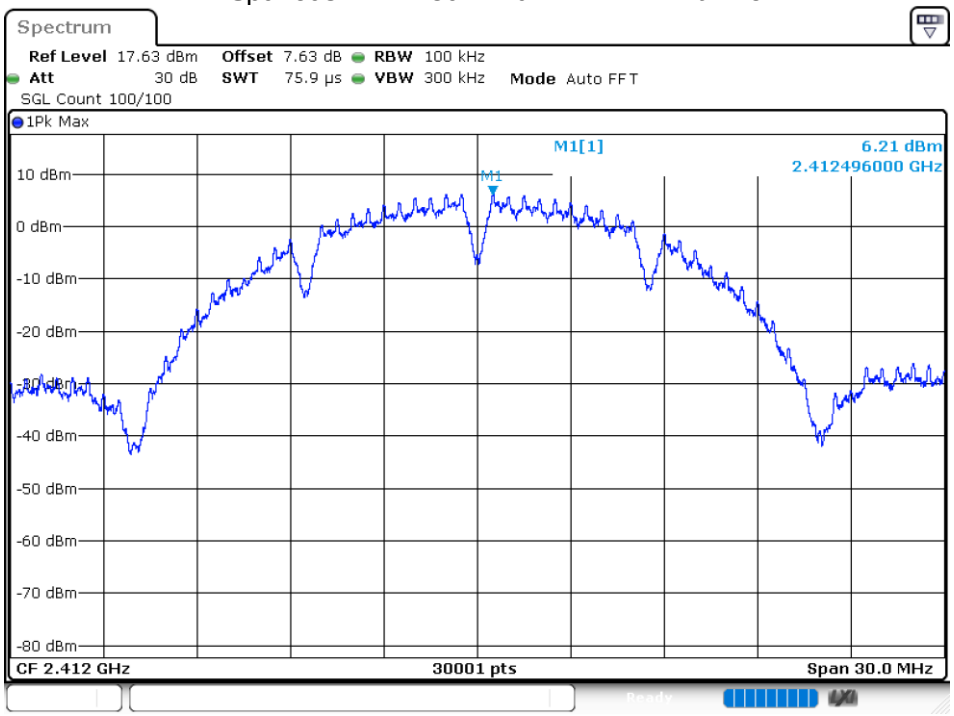
Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.46111 GHz	-6.77 dBm		
M2		1	2.4835 GHz	-37.29 dBm		
M3		1	2.5 GHz	-46.80 dBm		
M4		1	2.4863 GHz	-32.52 dBm		

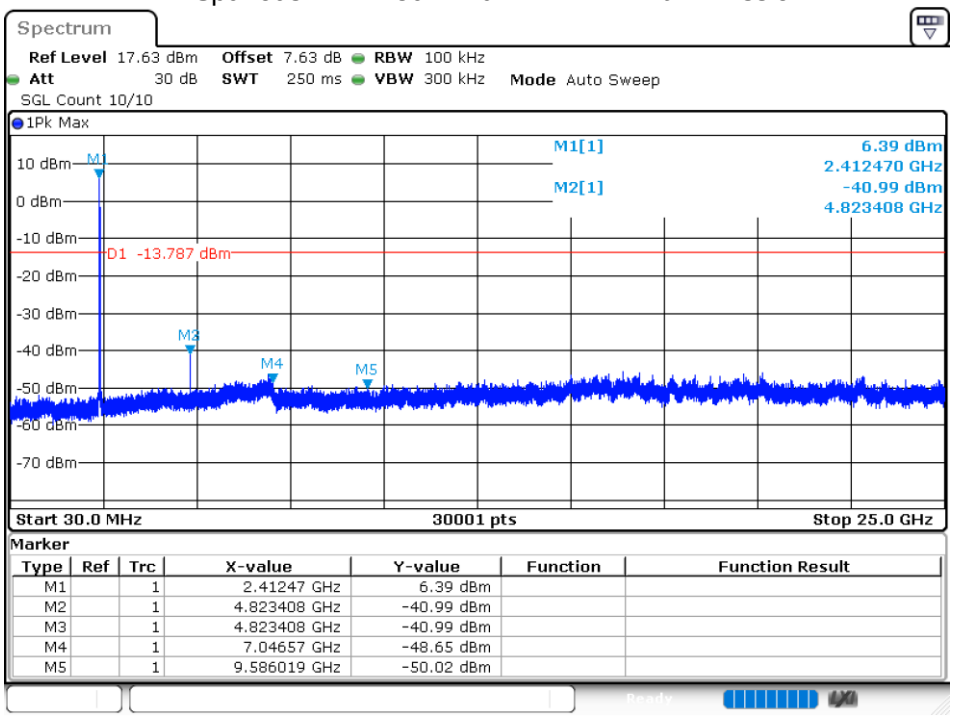
8.6 CONDUCTED RF SPURIOUS EMISSION

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	802.11b	2412	Ant 1	-47.2	-20	Pass
NVNT	802.11b	2437	Ant 1	-50.01	-20	Pass
NVNT	802.11b	2462	Ant 1	-50.02	-20	Pass
NVNT	802.11g	2412	Ant 1	-44.54	-20	Pass
NVNT	802.11g	2437	Ant 1	-46.31	-20	Pass
NVNT	802.11g	2462	Ant 1	-47.29	-20	Pass
NVNT	802.11n(HT20)	2412	Ant 1	-41.78	-20	Pass
NVNT	802.11n(HT20)	2437	Ant 1	-42.3	-20	Pass
NVNT	802.11n(HT20)	2462	Ant 1	-41.99	-20	Pass
NVNT	802.11n(HT40)	2422	Ant 1	-38.93	-20	Pass
NVNT	802.11n(HT40)	2437	Ant 1	-41.66	-20	Pass
NVNT	802.11n(HT40)	2452	Ant 1	-41.39	-20	Pass

Tx. Spurious NVNT 802.11b 2412MHz Ant1 Ref



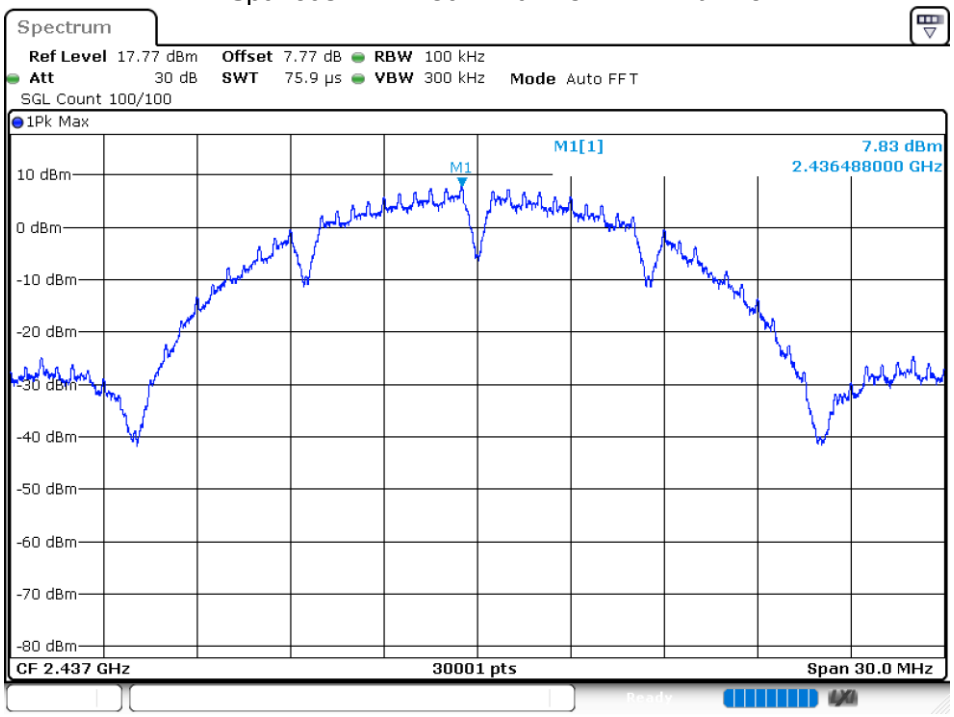
Tx. Spurious NVNT 802.11b 2412MHz Ant1 Emission



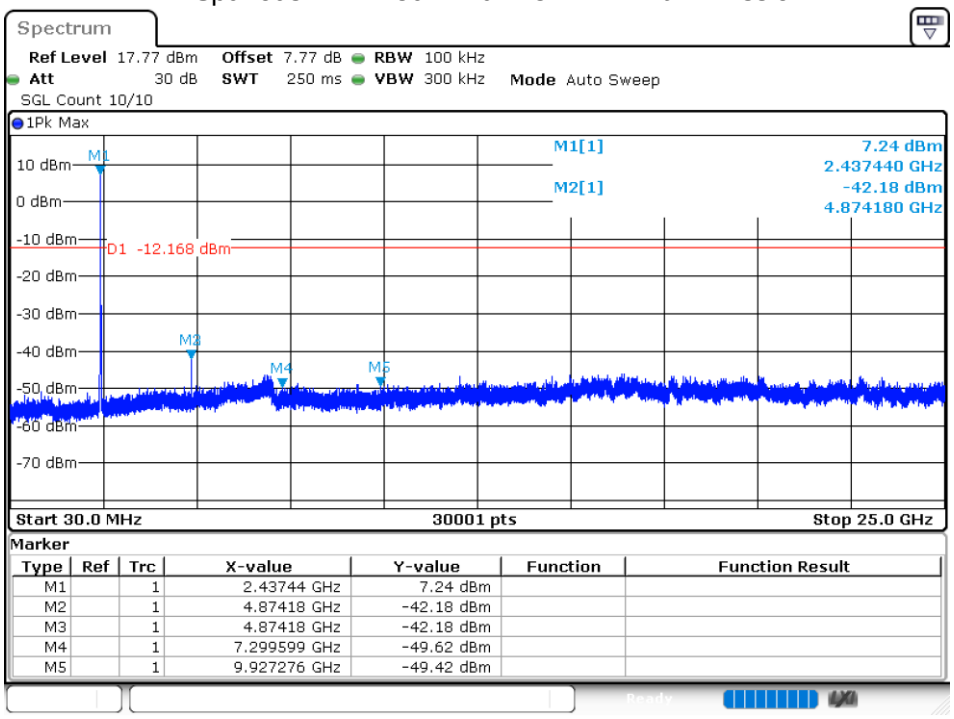
Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.41247 GHz	6.39 dBm		
M2		1	4.823408 GHz	-40.99 dBm		
M3		1	4.823408 GHz	-40.99 dBm		
M4		1	7.04657 GHz	-48.65 dBm		
M5		1	9.586019 GHz	-50.02 dBm		

Tx. Spurious NVNT 802.11b 2437MHz Ant1 Ref



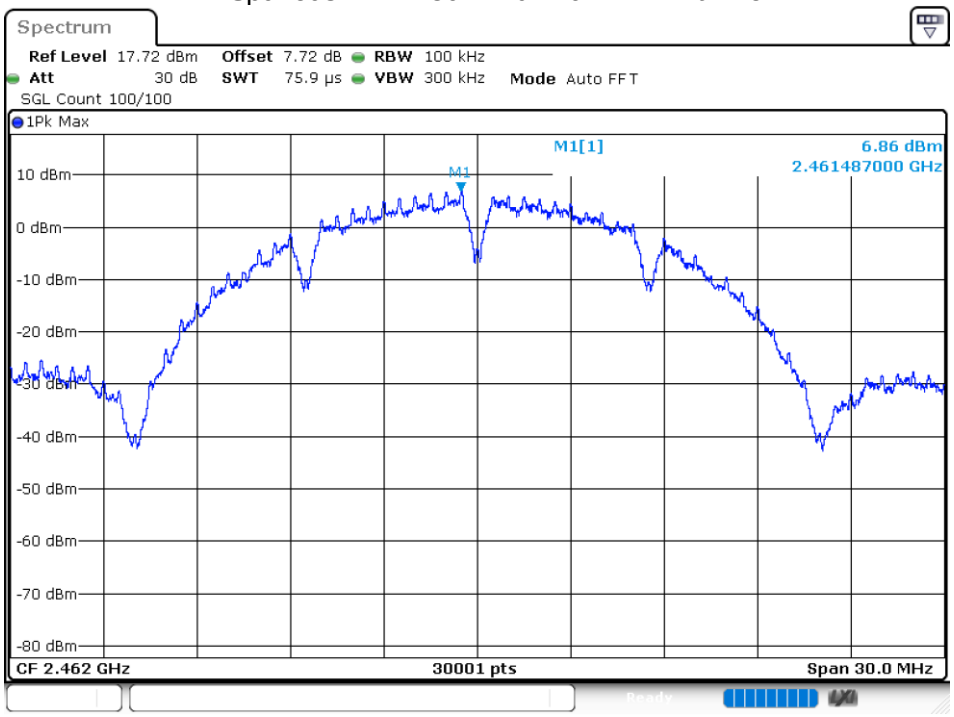
Tx. Spurious NVNT 802.11b 2437MHz Ant1 Emission



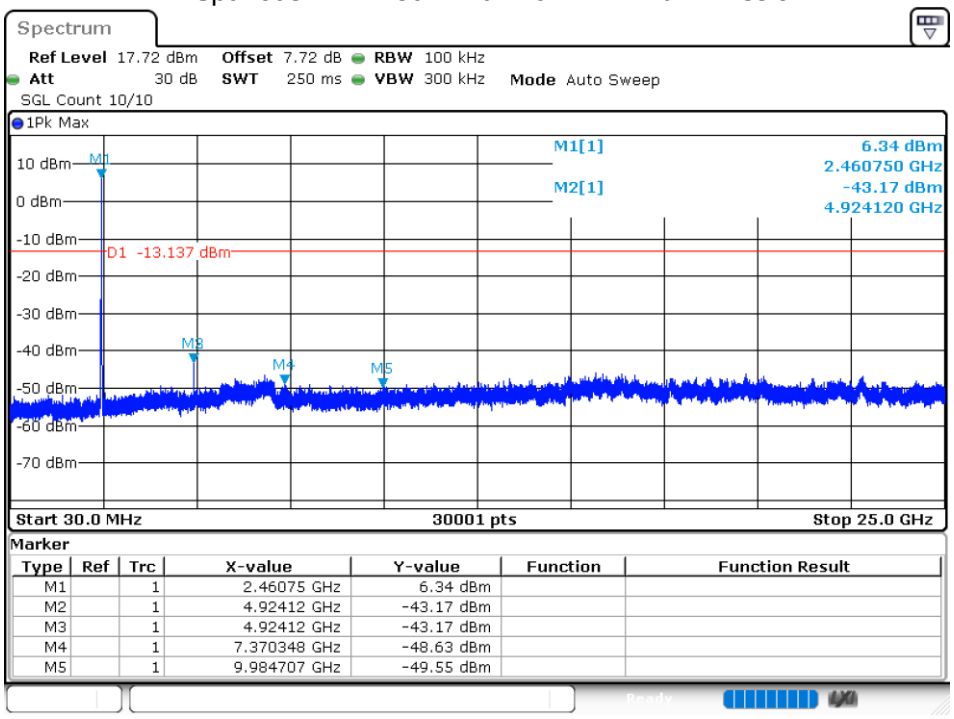
Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.43744 GHz	7.24 dBm		
M2		1	4.87418 GHz	-42.18 dBm		
M3		1	4.87418 GHz	-42.18 dBm		
M4		1	7.299599 GHz	-49.62 dBm		
M5		1	9.927276 GHz	-49.42 dBm		

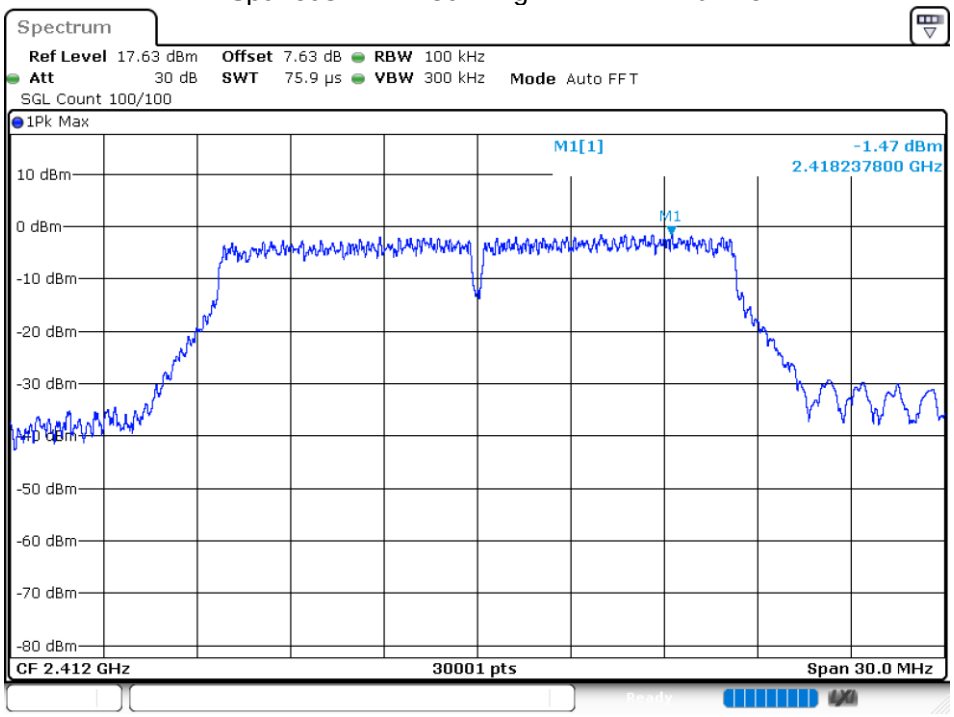
Tx. Spurious NVNT 802.11b 2462MHz Ant1 Ref



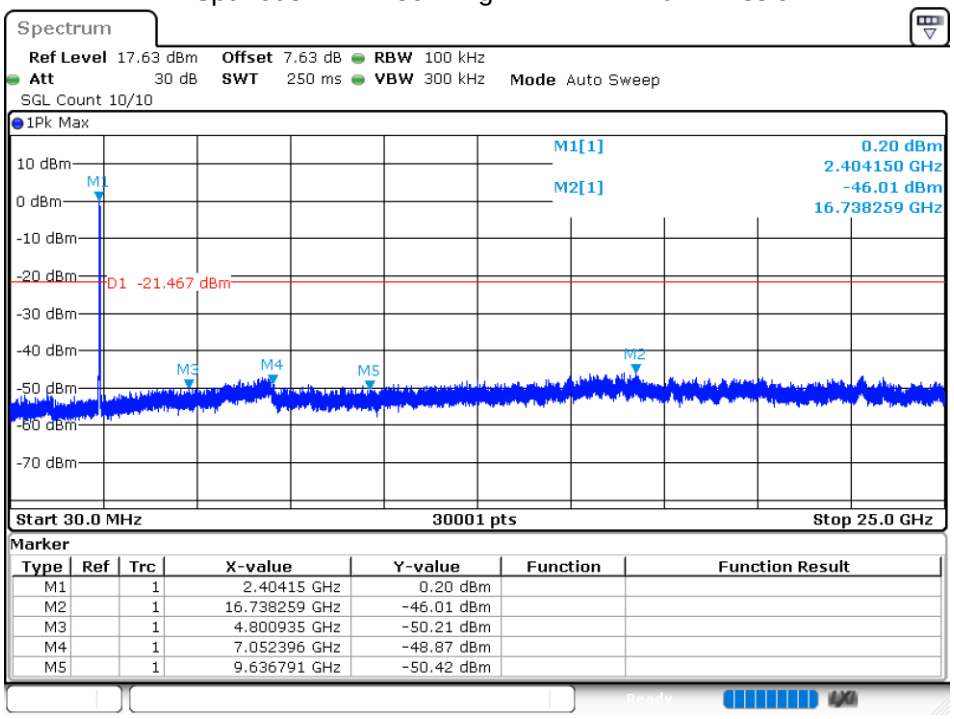
Tx. Spurious NVNT 802.11b 2462MHz Ant1 Emission



Tx. Spurious NVNT 802.11g 2412MHz Ant1 Ref



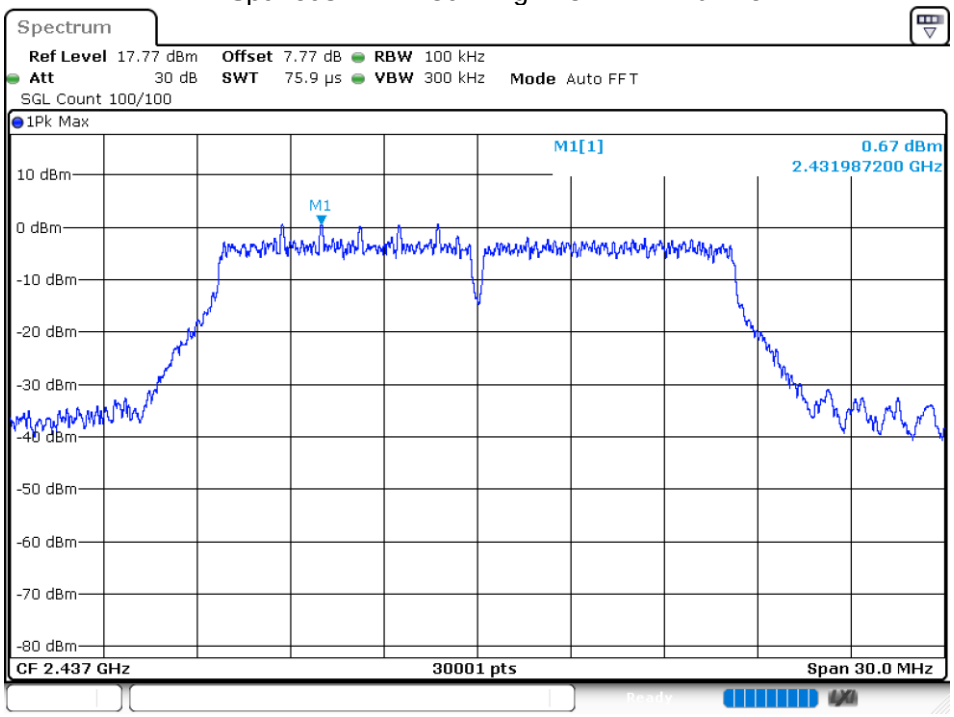
Tx. Spurious NVNT 802.11g 2412MHz Ant1 Emission



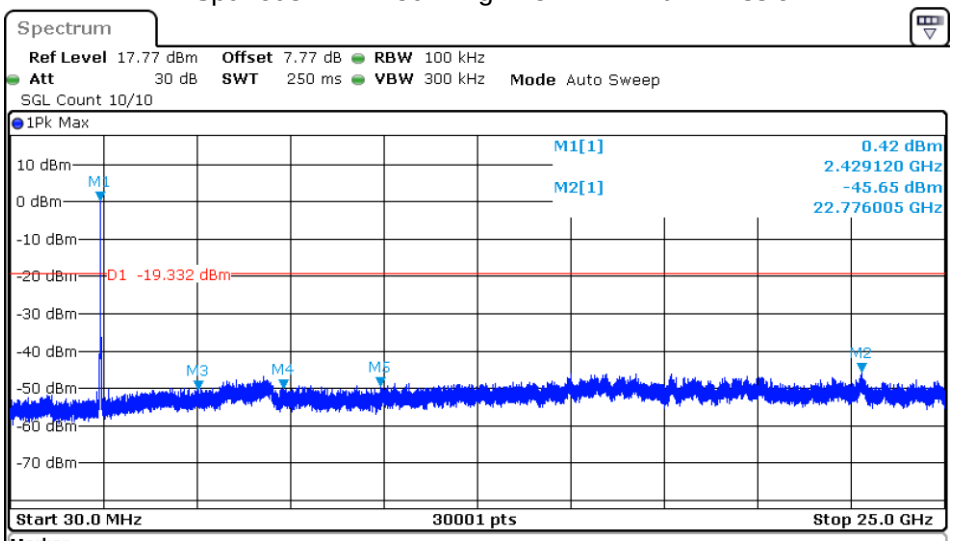
Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.40415 GHz	0.20 dBm		
M2		1	16.738259 GHz	-46.01 dBm		
M3		1	4.800935 GHz	-50.21 dBm		
M4		1	7.052396 GHz	-48.87 dBm		
M5		1	9.636791 GHz	-50.42 dBm		

Tx. Spurious NVNT 802.11g 2437MHz Ant1 Ref



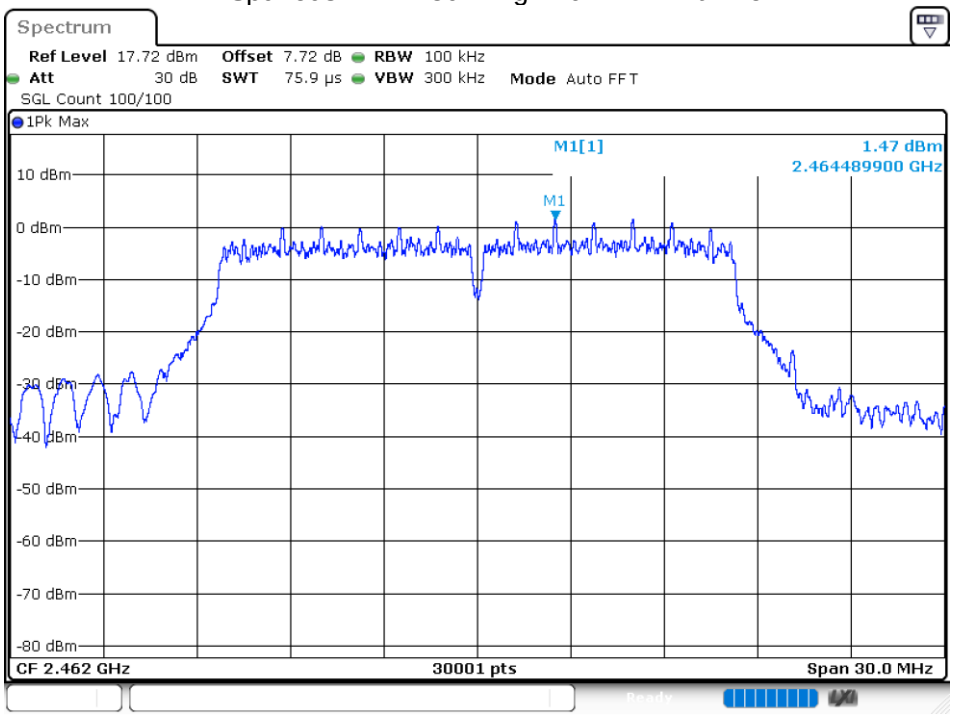
Tx. Spurious NVNT 802.11g 2437MHz Ant1 Emission



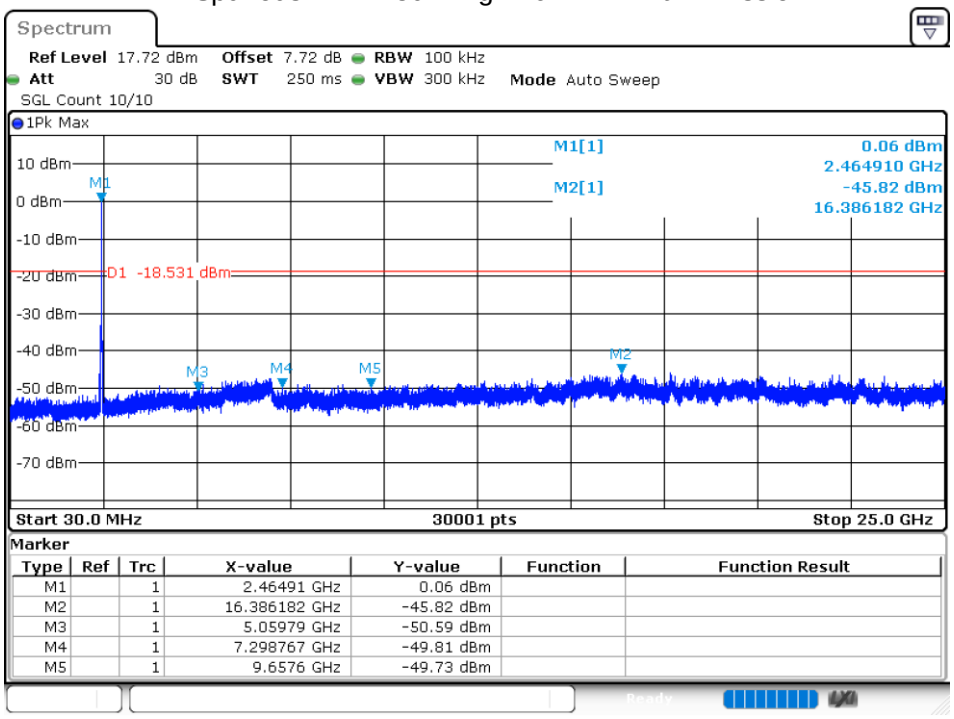
Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.42912 GHz	0.42 dBm		
M2		1	22.776005 GHz	-45.65 dBm		
M3		1	5.065617 GHz	-50.18 dBm		
M4		1	7.329563 GHz	-49.90 dBm		
M5		1	9.933102 GHz	-49.22 dBm		

Tx. Spurious NVNT 802.11g 2462MHz Ant1 Ref



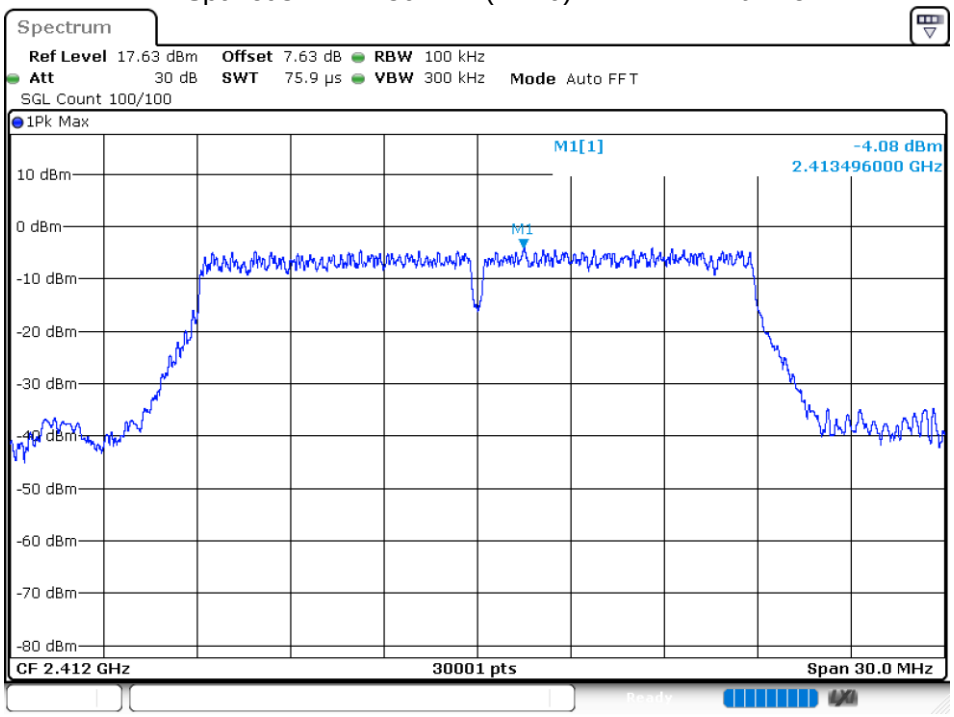
Tx. Spurious NVNT 802.11g 2462MHz Ant1 Emission



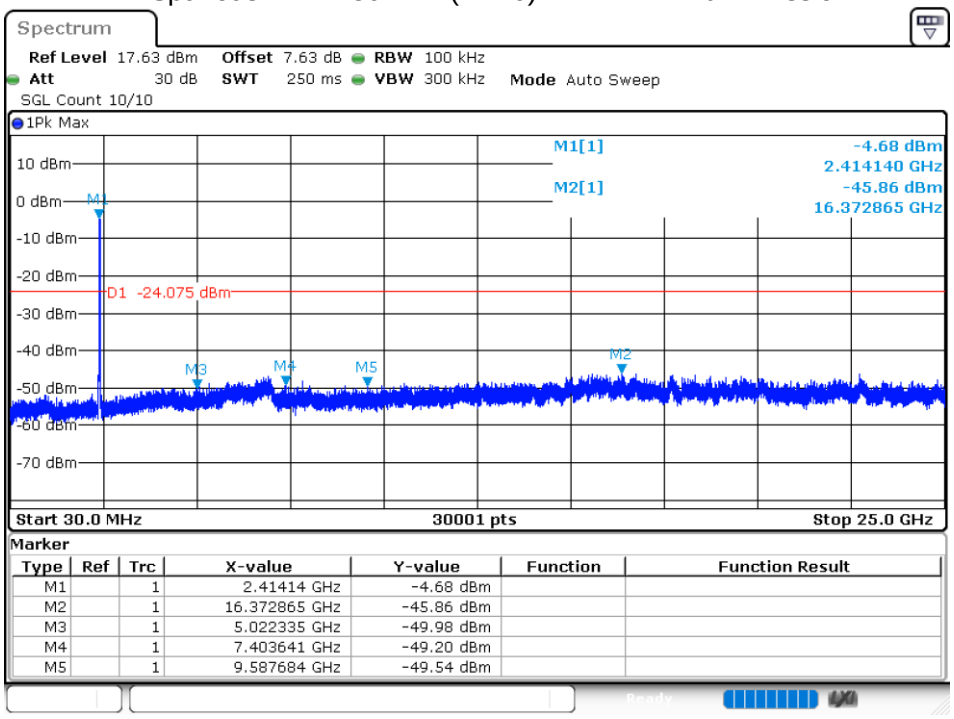
Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.46491 GHz	0.06 dBm		
M2		1	16.386182 GHz	-45.82 dBm		
M3		1	5.05979 GHz	-50.59 dBm		
M4		1	7.298767 GHz	-49.81 dBm		
M5		1	9.6576 GHz	-49.73 dBm		

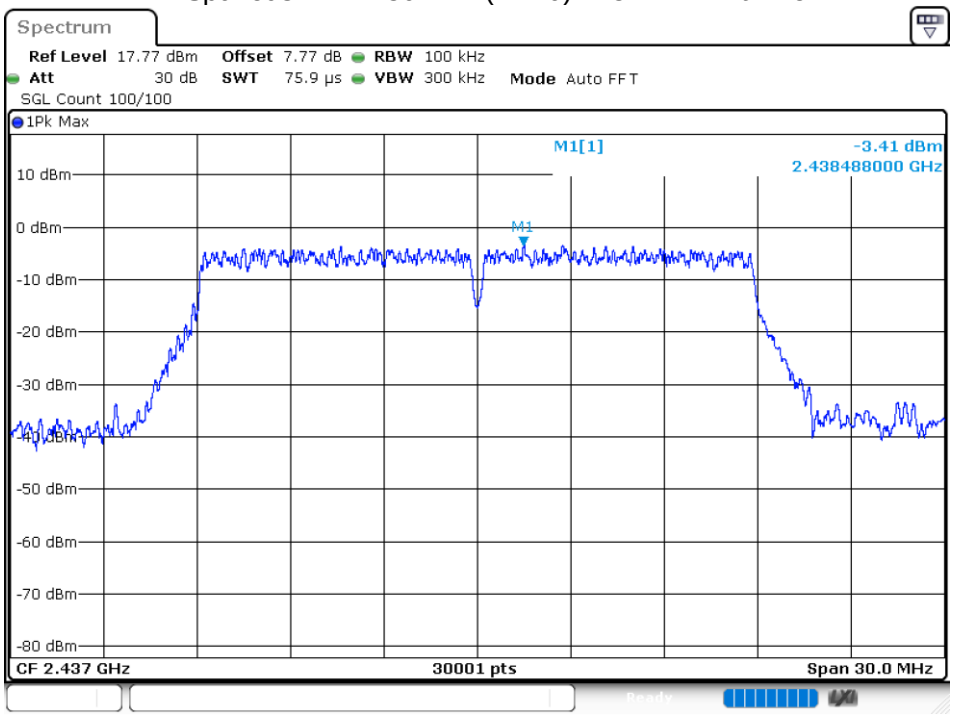
Tx. Spurious NVNT 802.11n(HT20) 2412MHz Ant1 Ref



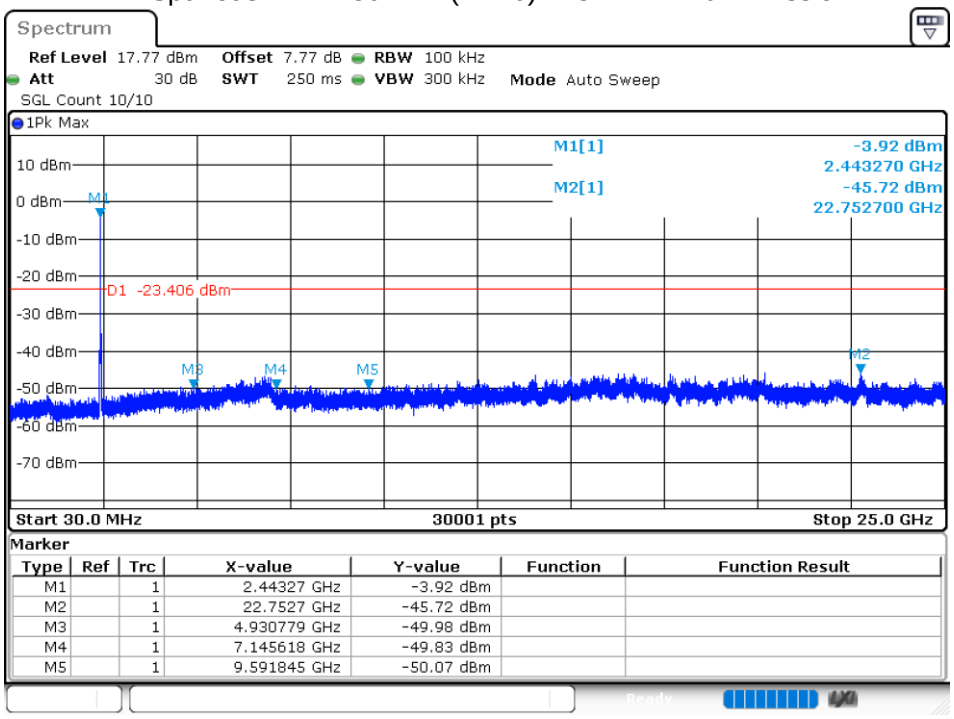
Tx. Spurious NVNT 802.11n(HT20) 2412MHz Ant1 Emission



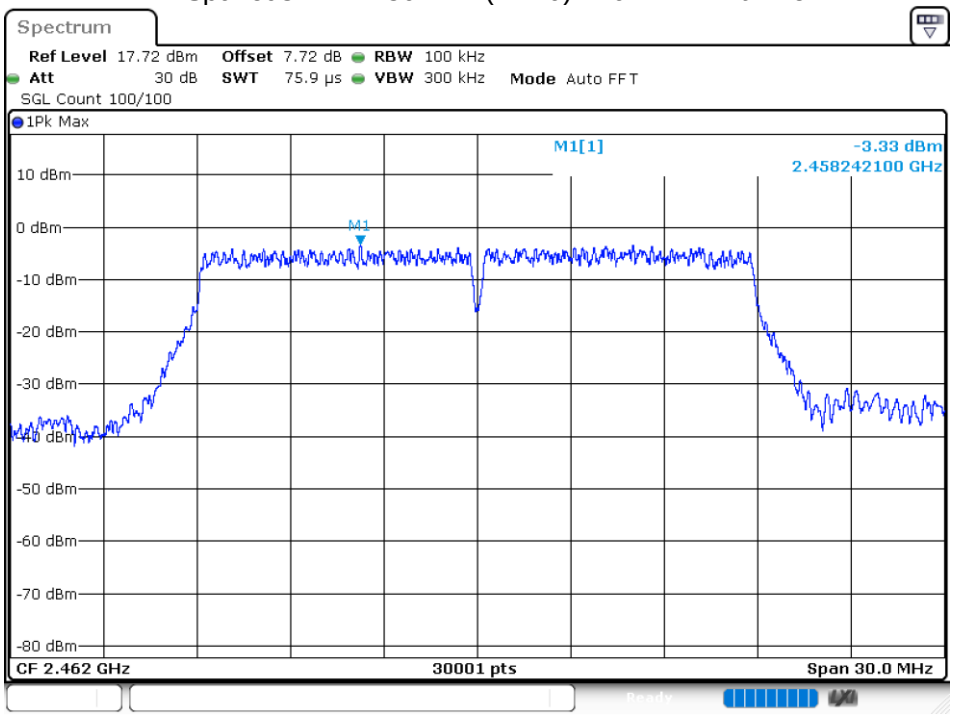
Tx. Spurious NVNT 802.11n(HT20) 2437MHz Ant1 Ref



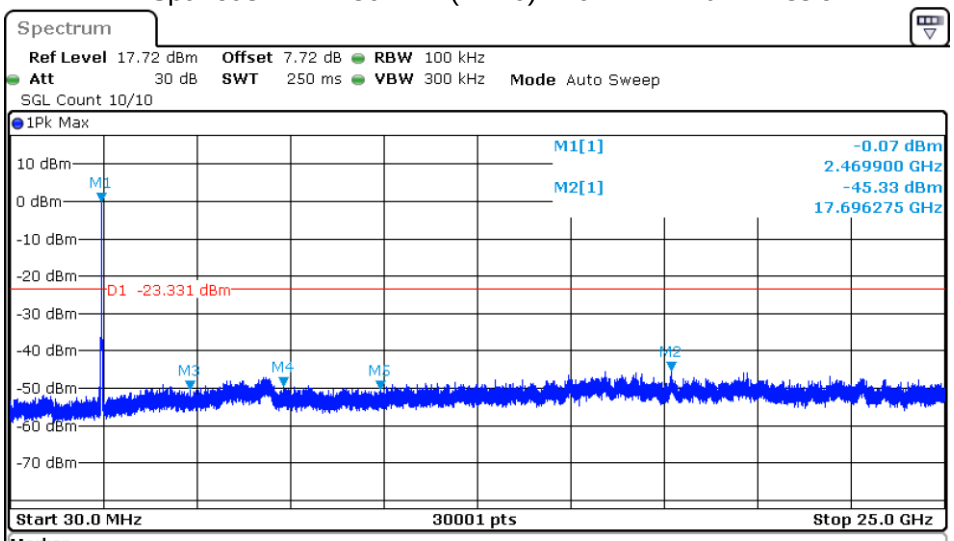
Tx. Spurious NVNT 802.11n(HT20) 2437MHz Ant1 Emission



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



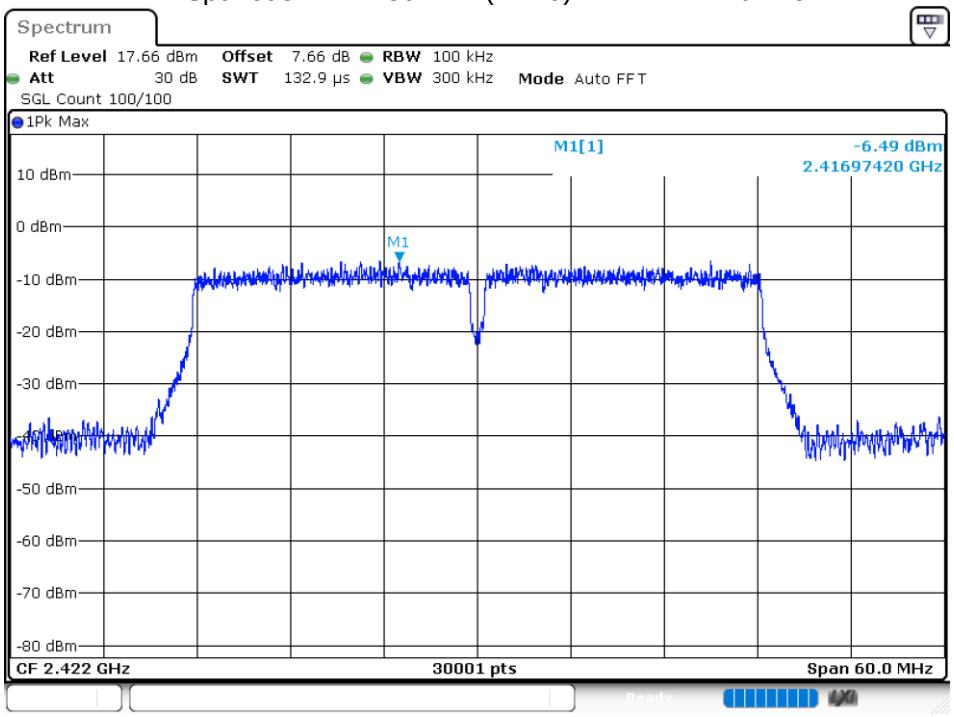
Tx. Spurious NVNT 802.11n(HT20) 2462MHz Ant1 Emission



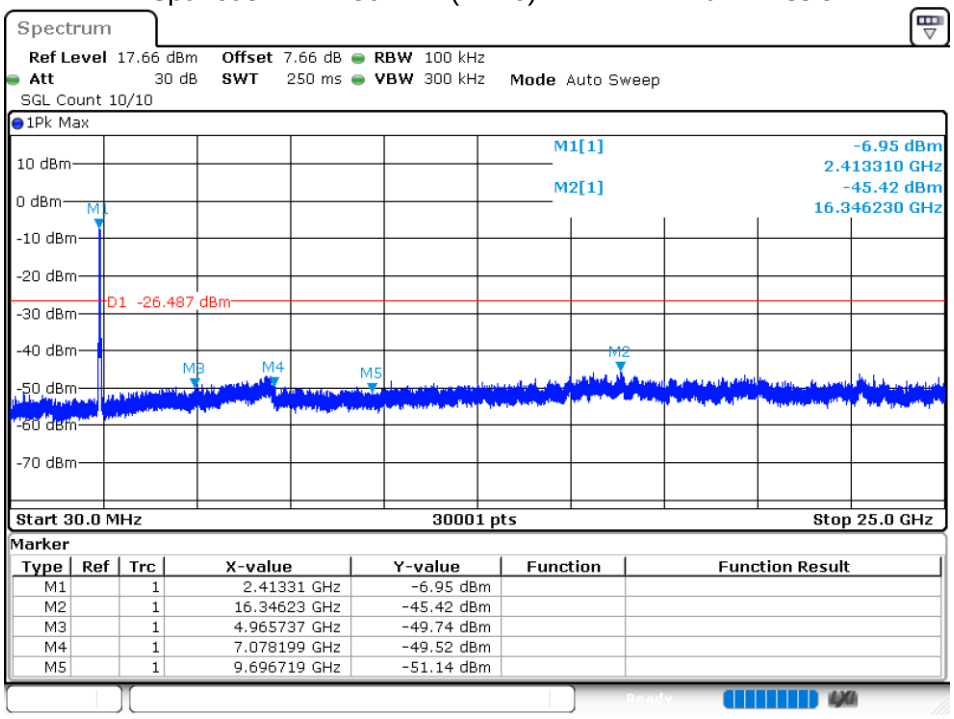
Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.4699 GHz	-0.07 dBm		
M2		1	17.696275 GHz	-45.33 dBm		
M3		1	4.825905 GHz	-50.43 dBm		
M4		1	7.320408 GHz	-49.38 dBm		
M5		1	9.920617 GHz	-50.32 dBm		

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



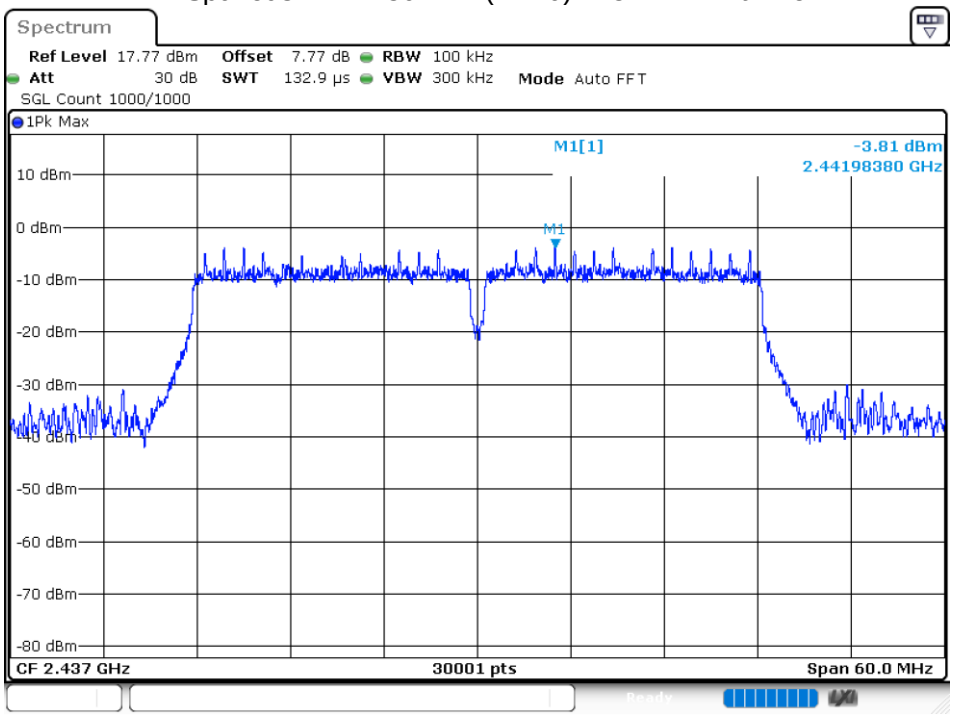
Tx. Spurious NVNT 802.11n(HT40) 2422MHz Ant1 Emission



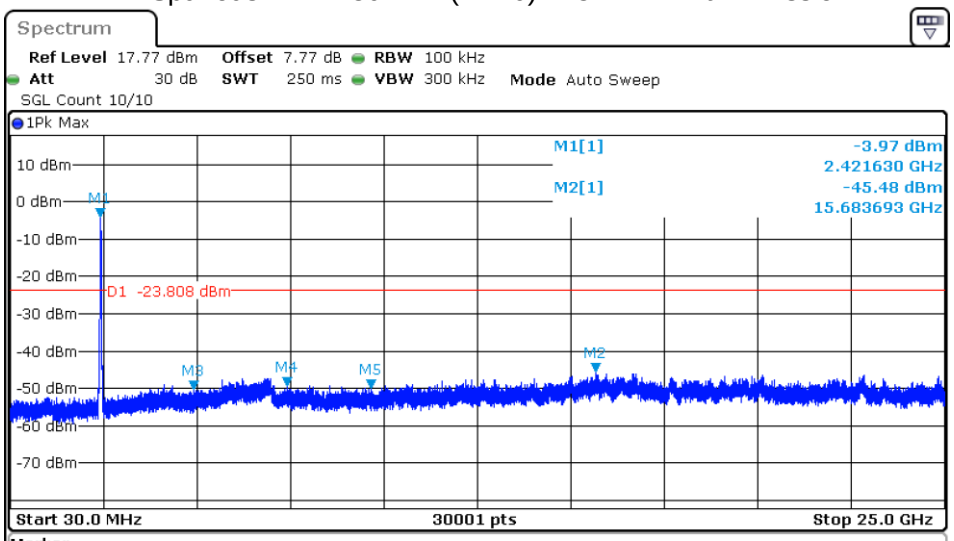
Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.41331 GHz	-6.95 dBm		
M2		1	16.34623 GHz	-45.42 dBm		
M3		1	4.965737 GHz	-49.74 dBm		
M4		1	7.078199 GHz	-49.52 dBm		
M5		1	9.696719 GHz	-51.14 dBm		

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



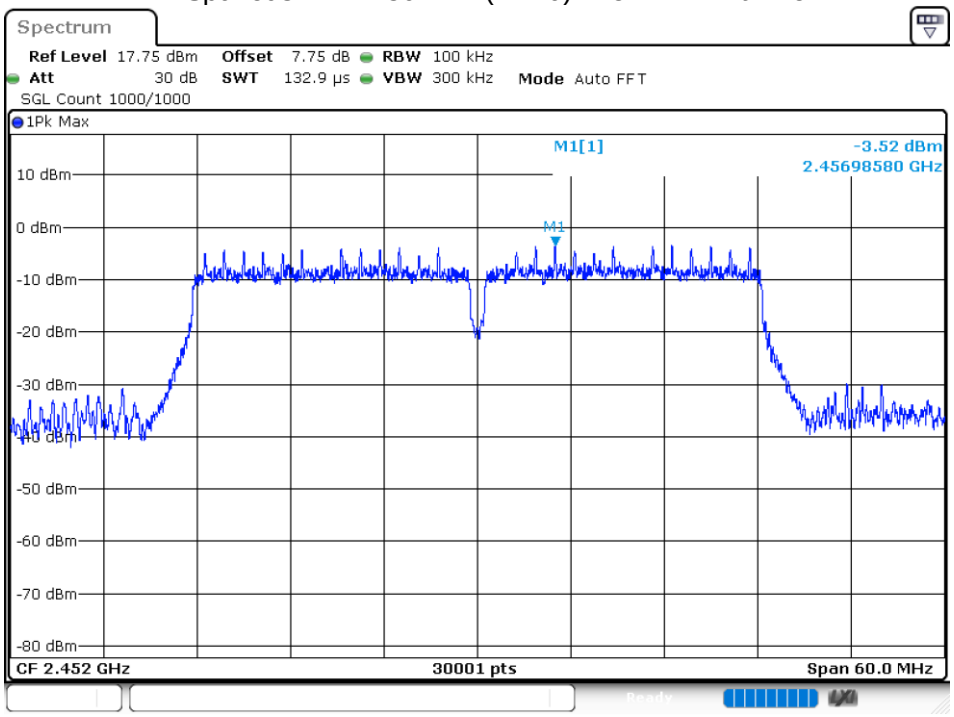
Tx. Spurious NVNT 802.11n(HT40) 2437MHz Ant1 Emission



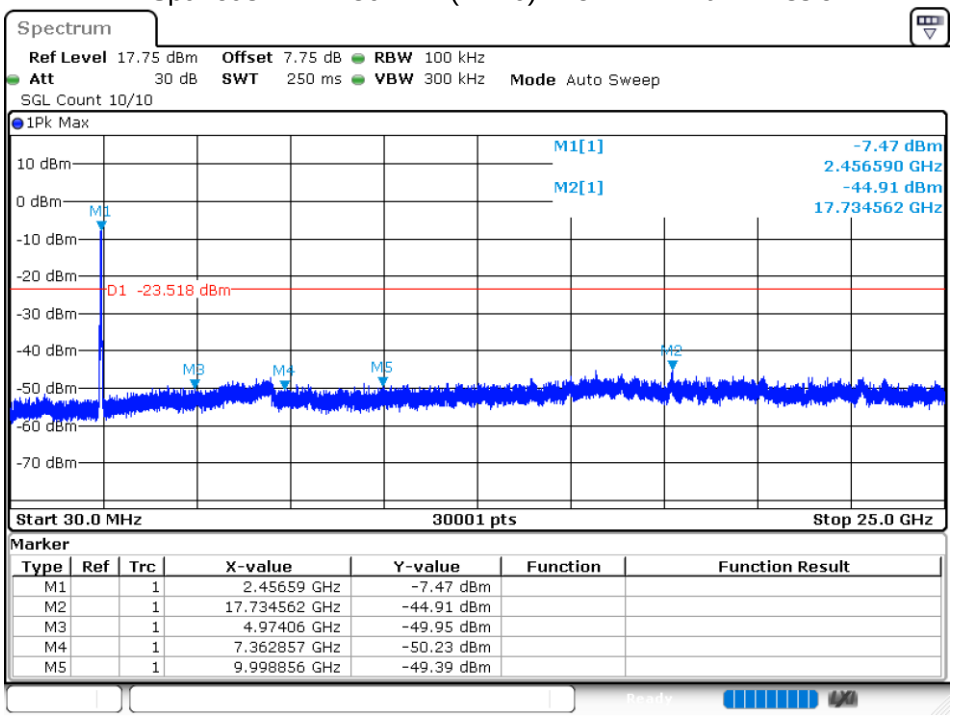
Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.42163 GHz	-3.97 dBm		
M2		1	15.683693 GHz	-45.48 dBm		
M3		1	4.914132 GHz	-50.12 dBm		
M4		1	7.437767 GHz	-49.32 dBm		
M5		1	9.677576 GHz	-50.10 dBm		

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	2.45659 GHz	-7.47 dBm		
M2		1	17.734562 GHz	-44.91 dBm		
M3		1	4.97406 GHz	-49.95 dBm		
M4		1	7.362857 GHz	-50.23 dBm		
M5		1	9.998856 GHz	-49.39 dBm		

END OF REPORT