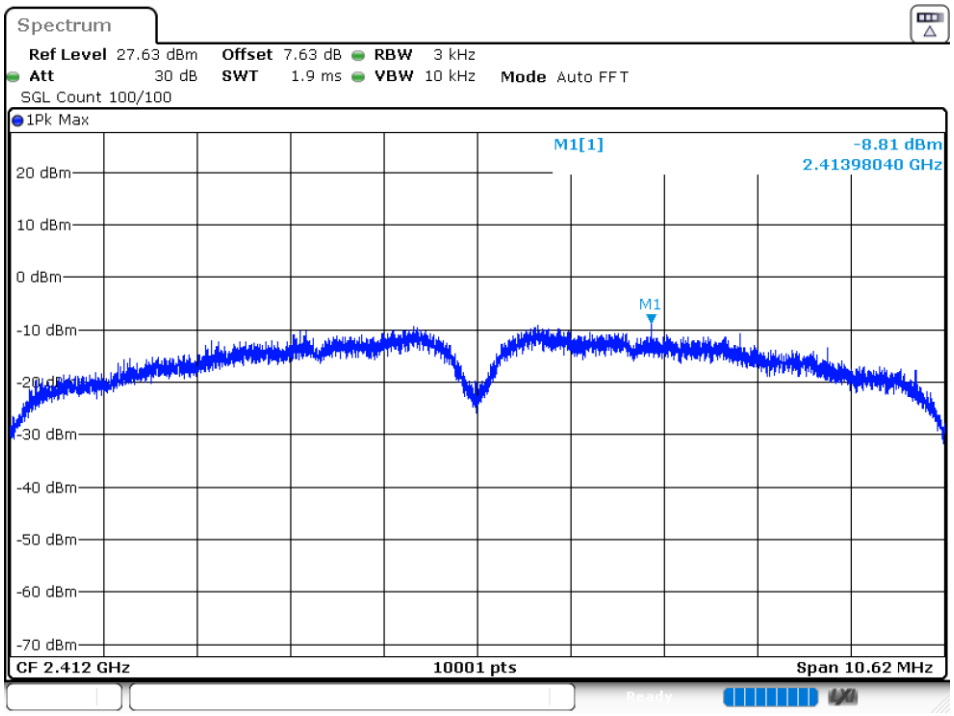
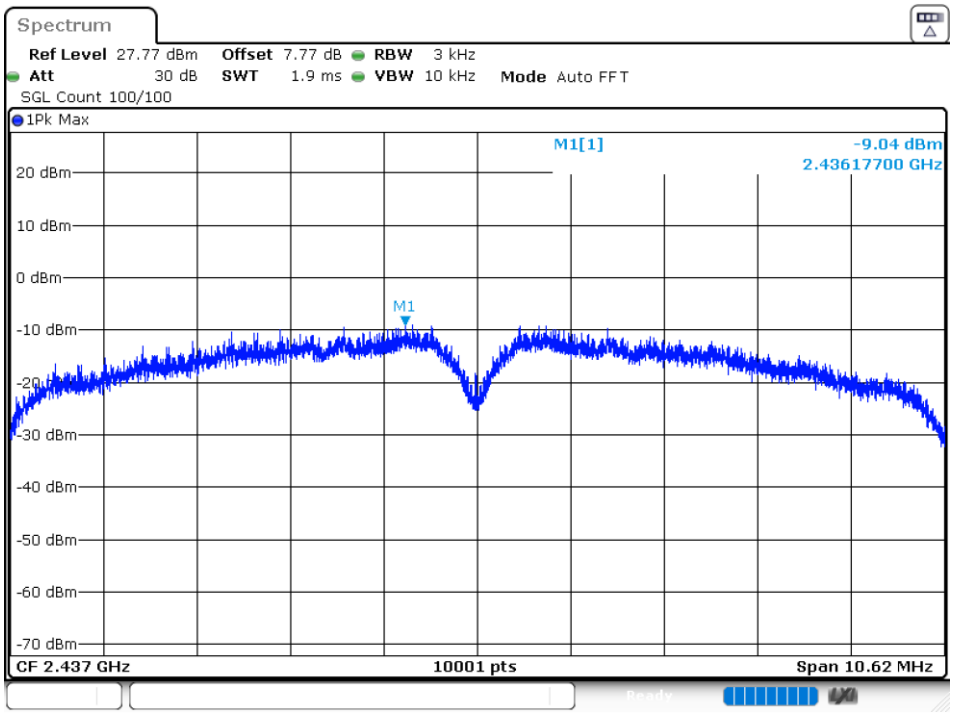
8.4 MAXIMUM POWER SPECTRAL DENSITY LEVEL

Condition	Mode	Frequency (MHz)	Antenna	Max PSD (dBm/3kHz)	Limit (dBm/3kHz)	Verdict
NVNT	802.11b	2412	Ant 1	-8.805	8	Pass
NVNT	802.11b	2437	Ant 1	-9.042	8	Pass
NVNT	802.11b	2462	Ant 1	-9.395	8	Pass
NVNT	802.11g	2412	Ant 1	-10.232	8	Pass
NVNT	802.11g	2437	Ant 1	-10.399	8	Pass
NVNT	802.11g	2462	Ant 1	-10.093	8	Pass
NVNT	802.11n(HT20)	2412	Ant 1	-9.884	8	Pass
NVNT	802.11n(HT20)	2437	Ant 1	-10.242	8	Pass
NVNT	802.11n(HT20)	2462	Ant 1	-9.482	8	Pass
NVNT	802.11n(HT40)	2422	Ant 1	-10.926	8	Pass
NVNT	802.11n(HT40)	2437	Ant 1	-11.838	8	Pass
NVNT	802.11n(HT40)	2452	Ant 1	-12.999	8	Pass

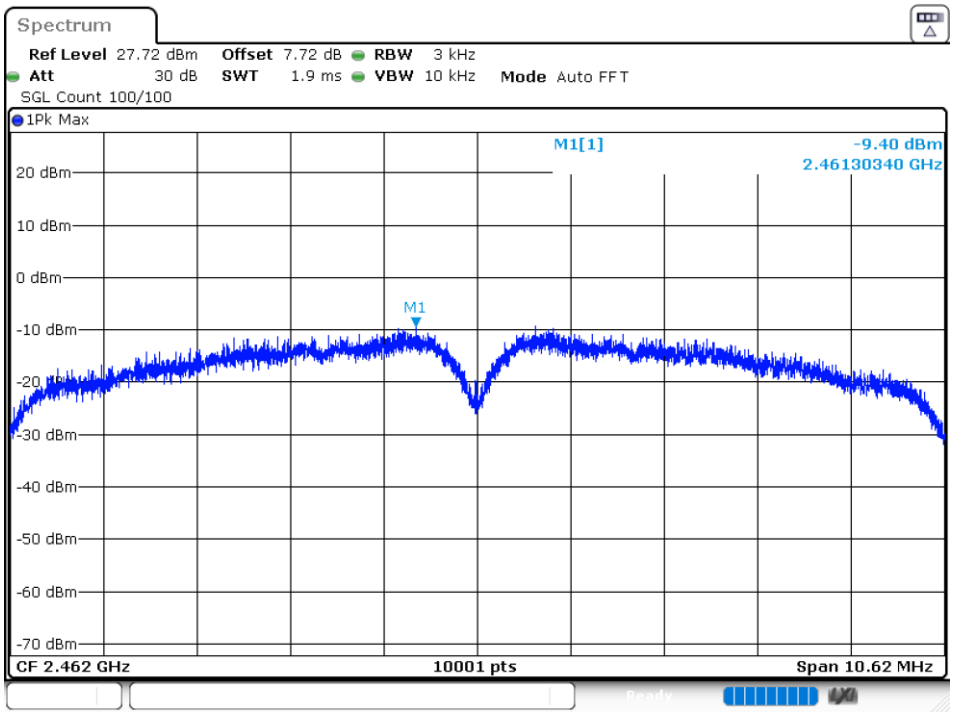
PSD NVNT 802.11b 2412MHz Ant1



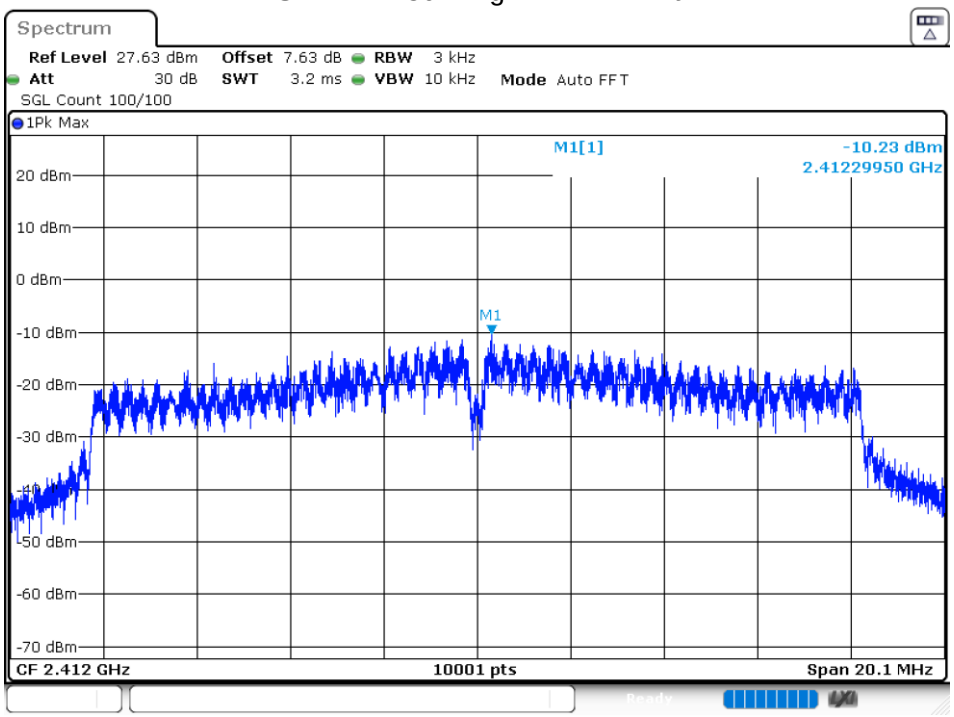
PSD NVNT 802.11b 2437MHz Ant1



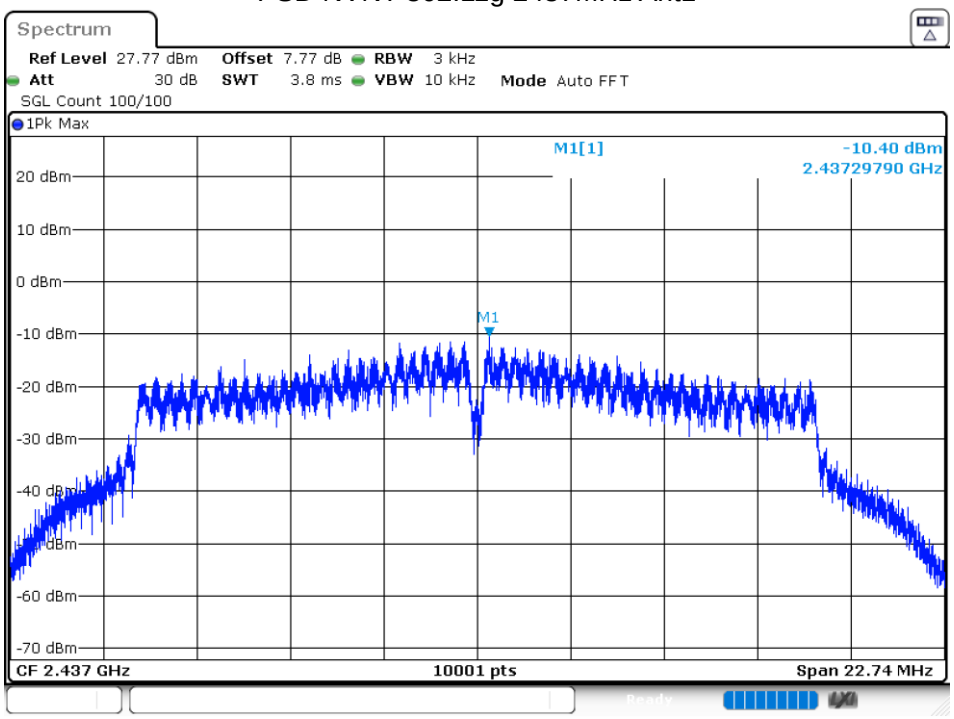
PSD NVNT 802.11b 2462MHz Ant1



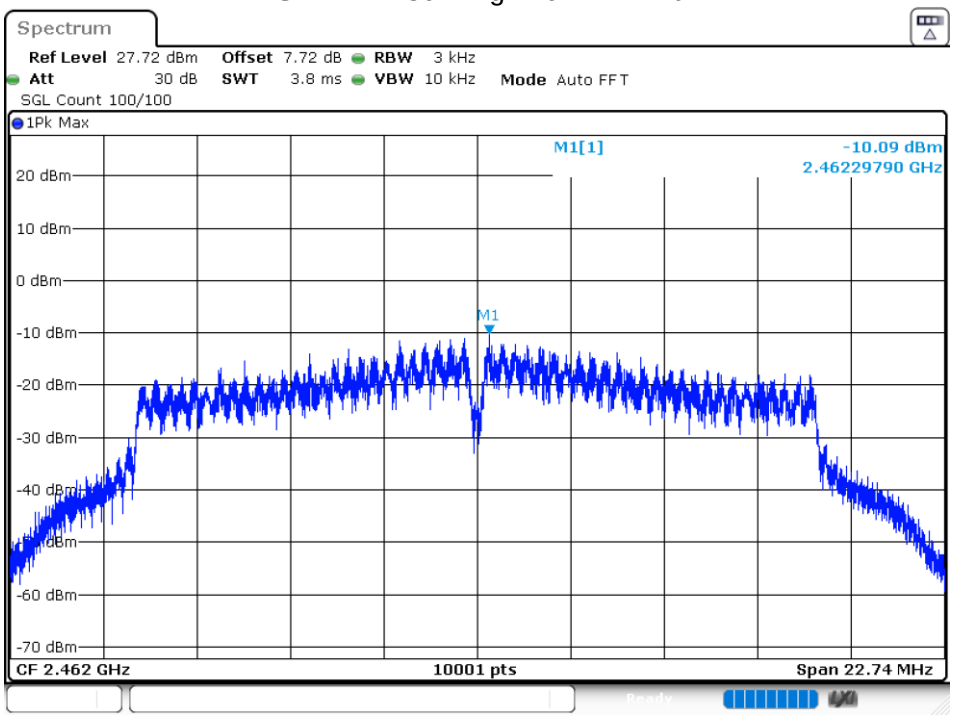
PSD NVNT 802.11g 2412MHz Ant1



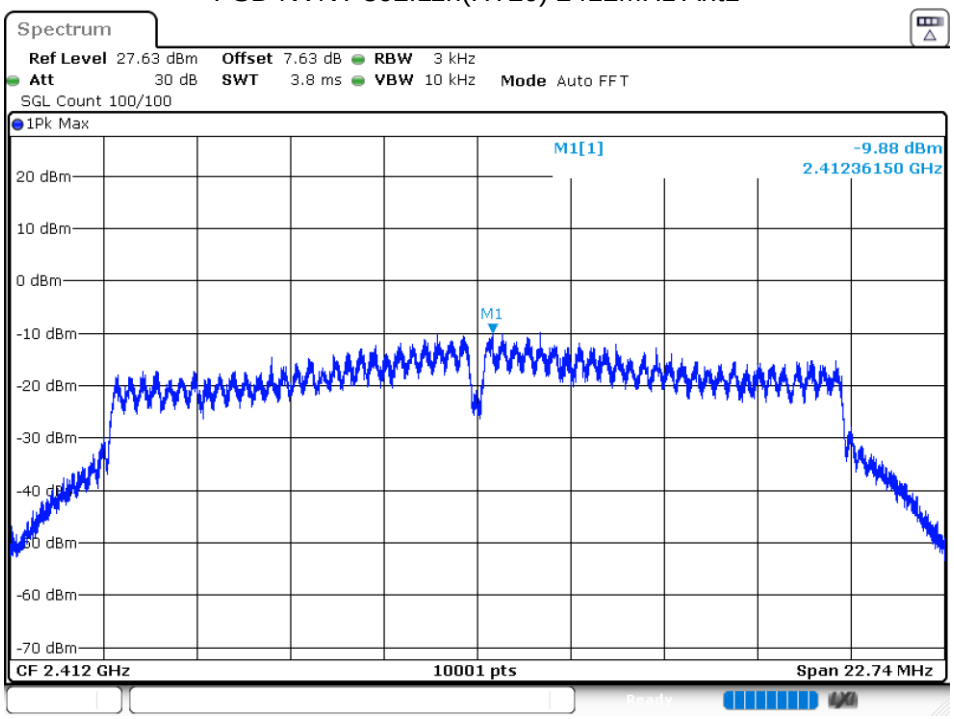
PSD NVNT 802.11g 2437MHz Ant1



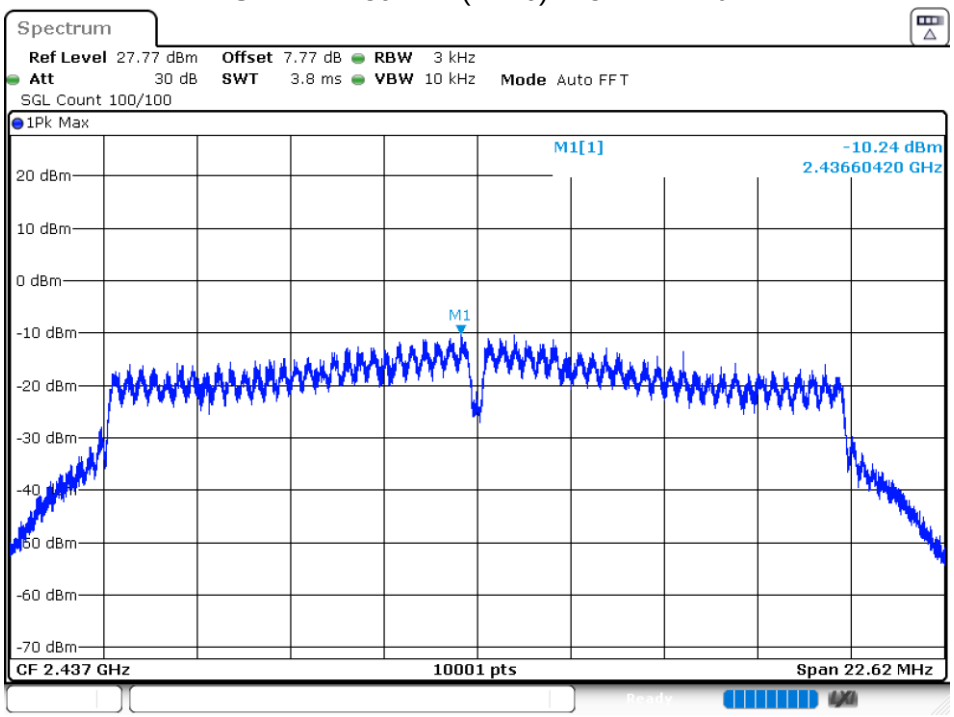
PSD NVNT 802.11g 2462MHz Ant1



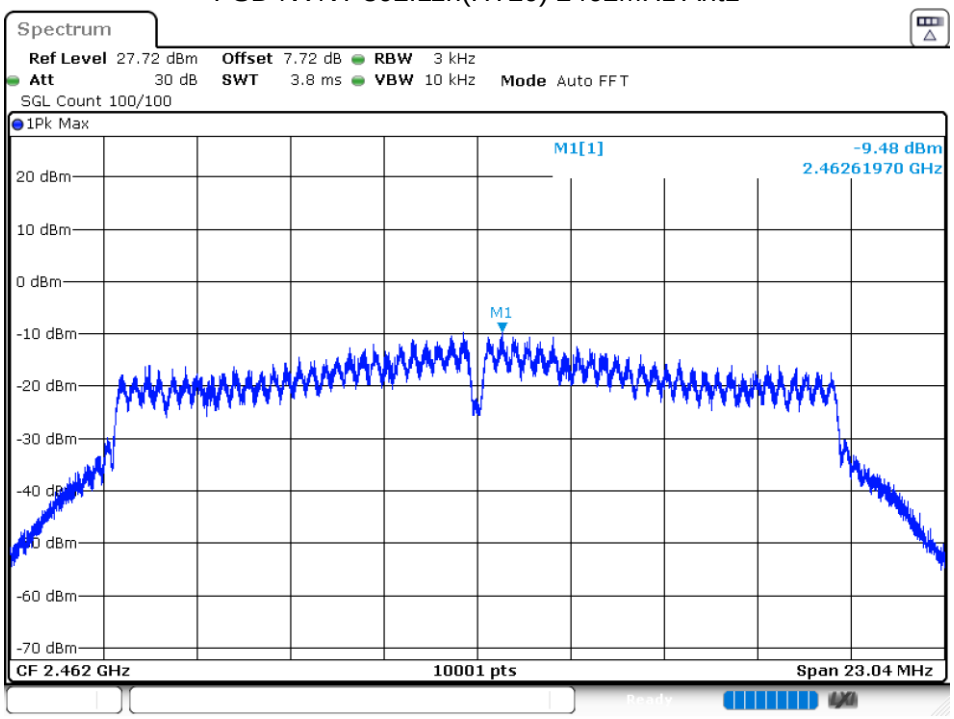
PSD NVNT 802.11n(HT20) 2412MHz Ant1



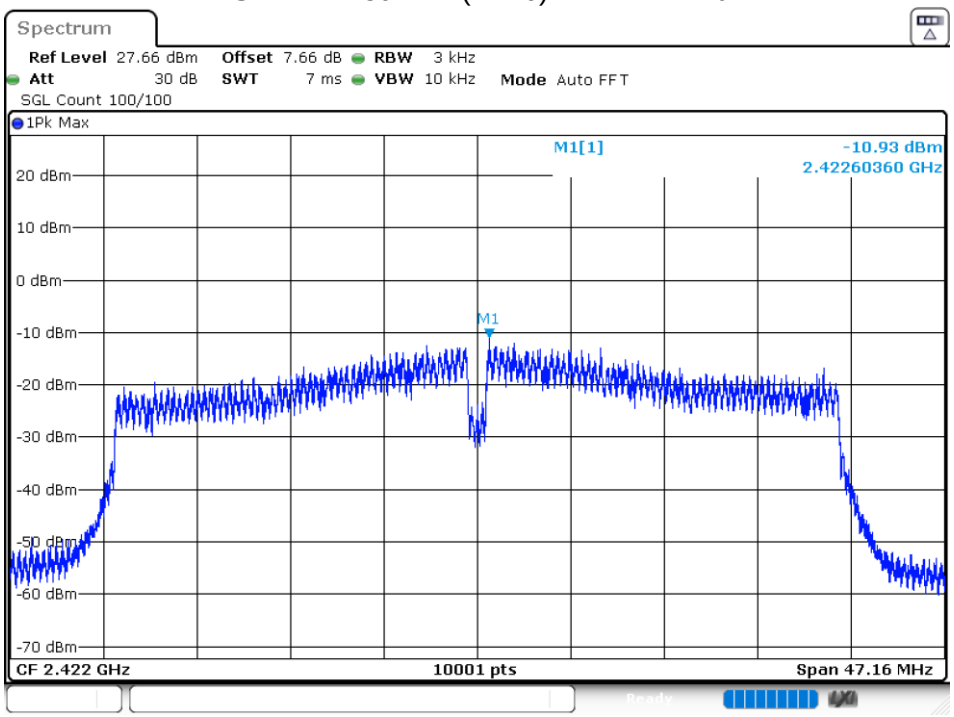
PSD NVNT 802.11n(HT20) 2437MHz Ant1



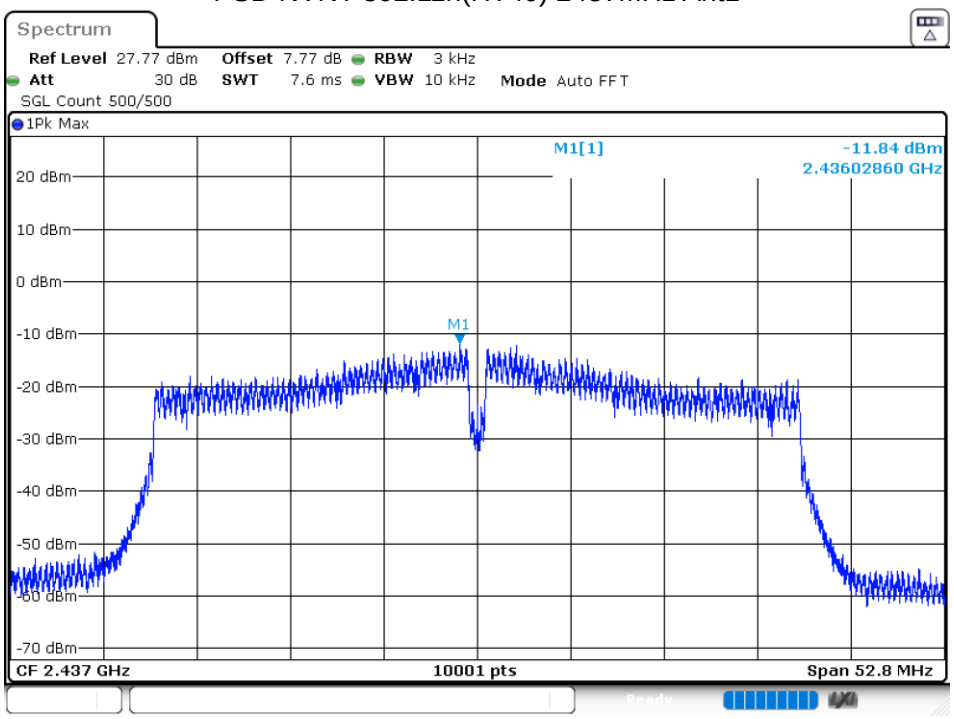
PSD NVNT 802.11n(HT20) 2462MHz Ant1



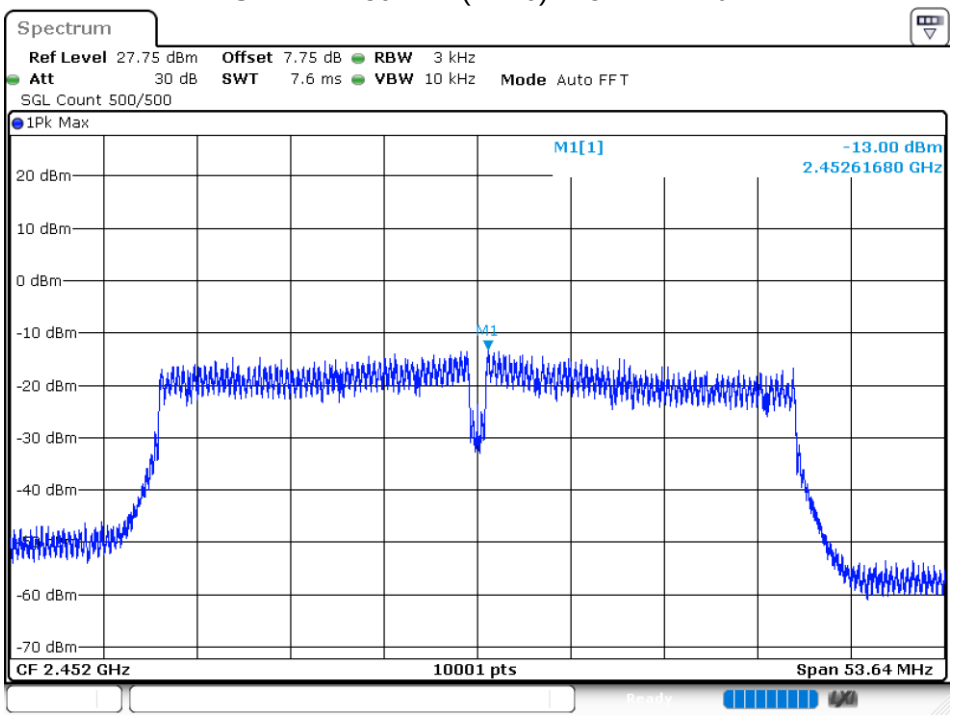
PSD NVNT 802.11n(HT40) 2422MHz Ant1



PSD NVNT 802.11n(HT40) 2437MHz Ant1



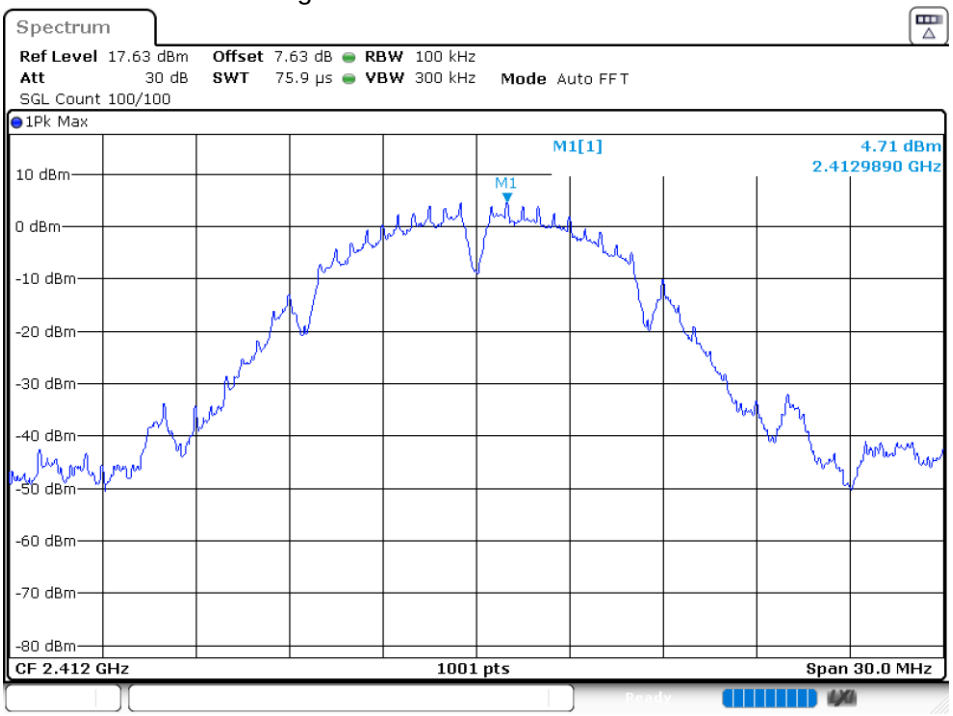
PSD NVNT 802.11n(HT40) 2452MHz Ant1



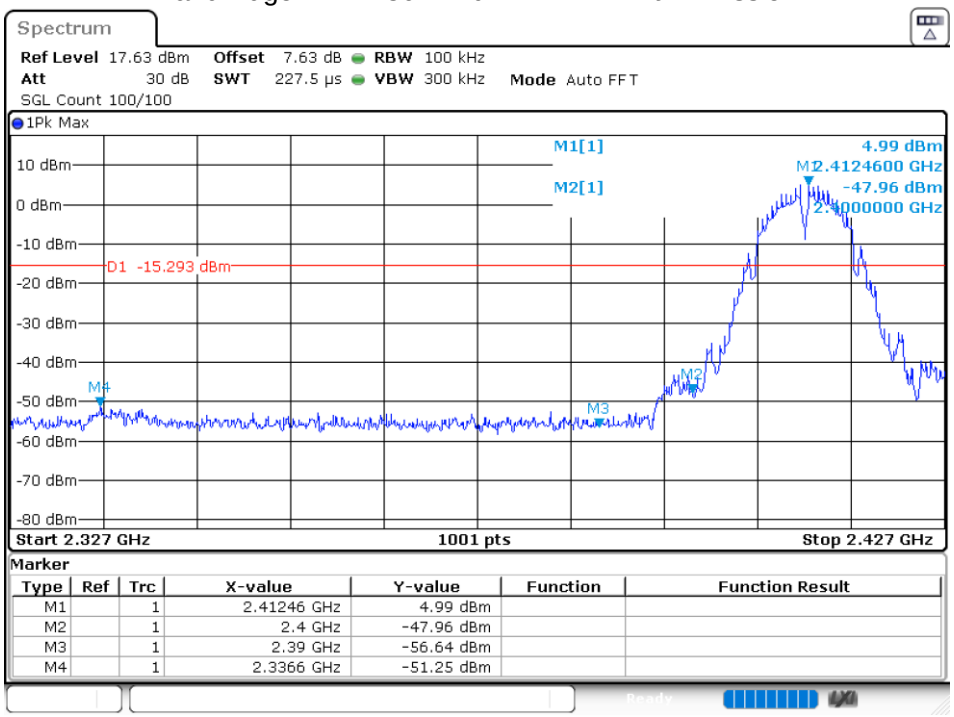
8.5 BAND EDGE

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	802.11b	2412	Ant 1	-55.96	-20	Pass
NVNT	802.11b	2462	Ant 1	-56.18	-20	Pass
NVNT	802.11g	2412	Ant 1	-50.14	-20	Pass
NVNT	802.11g	2462	Ant 1	-48.87	-20	Pass
NVNT	802.11n(HT20)	2412	Ant 1	-48.04	-20	Pass
NVNT	802.11n(HT20)	2462	Ant 1	-46.1	-20	Pass
NVNT	802.11n(HT40)	2422	Ant 1	-35.44	-20	Pass
NVNT	802.11n(HT40)	2452	Ant 1	-38.85	-20	Pass

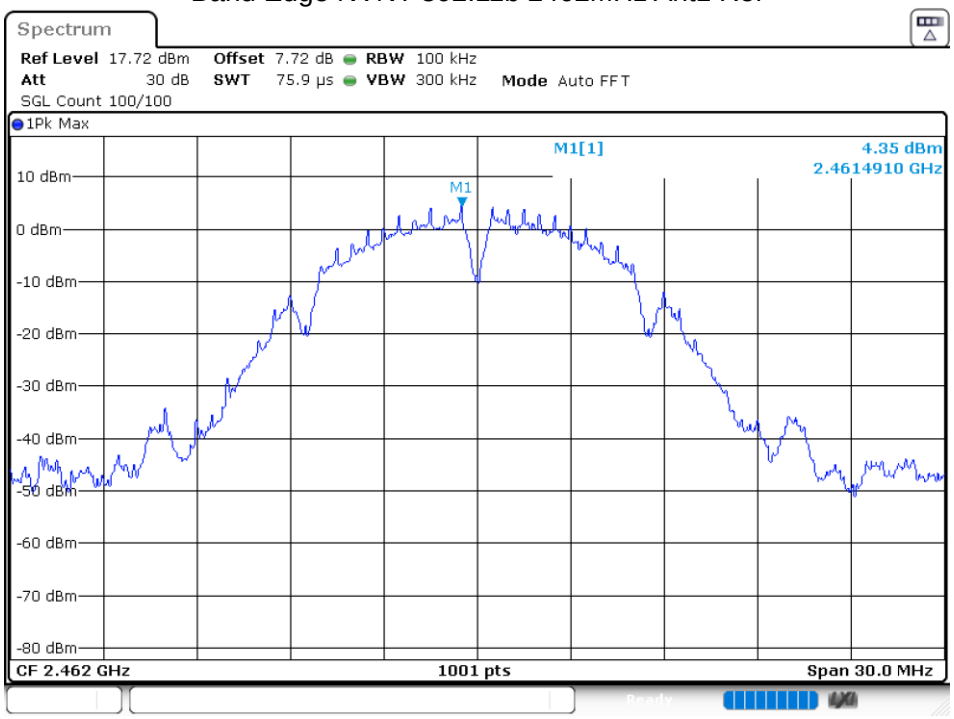
Band Edge NVNT 802.11b 2412MHz Ant1 Ref



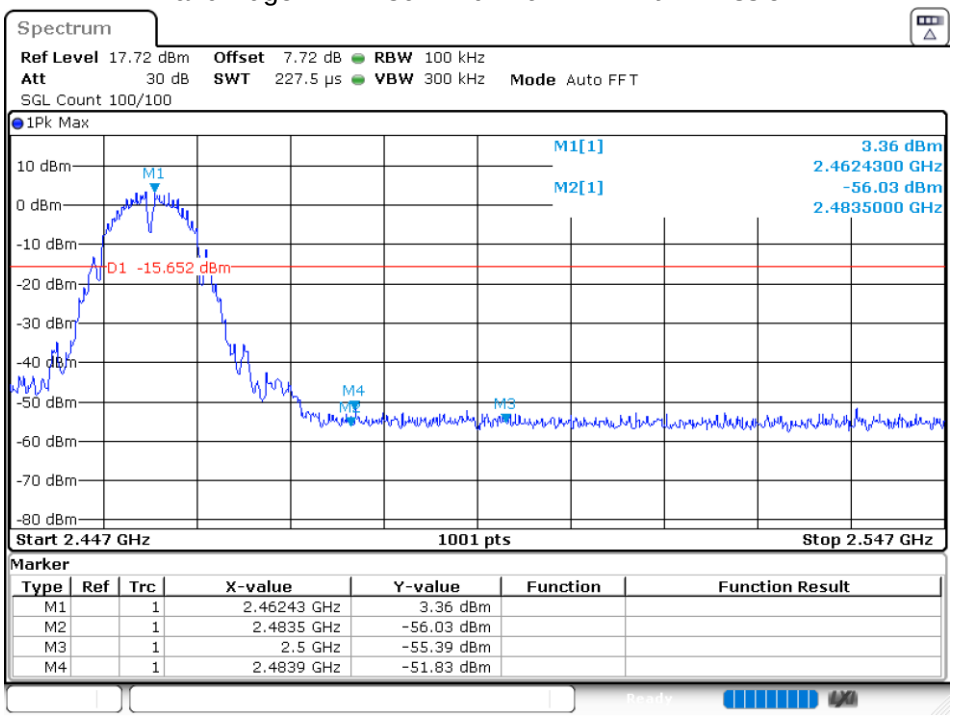
Band Edge NVNT 802.11b 2412MHz Ant1 Emission



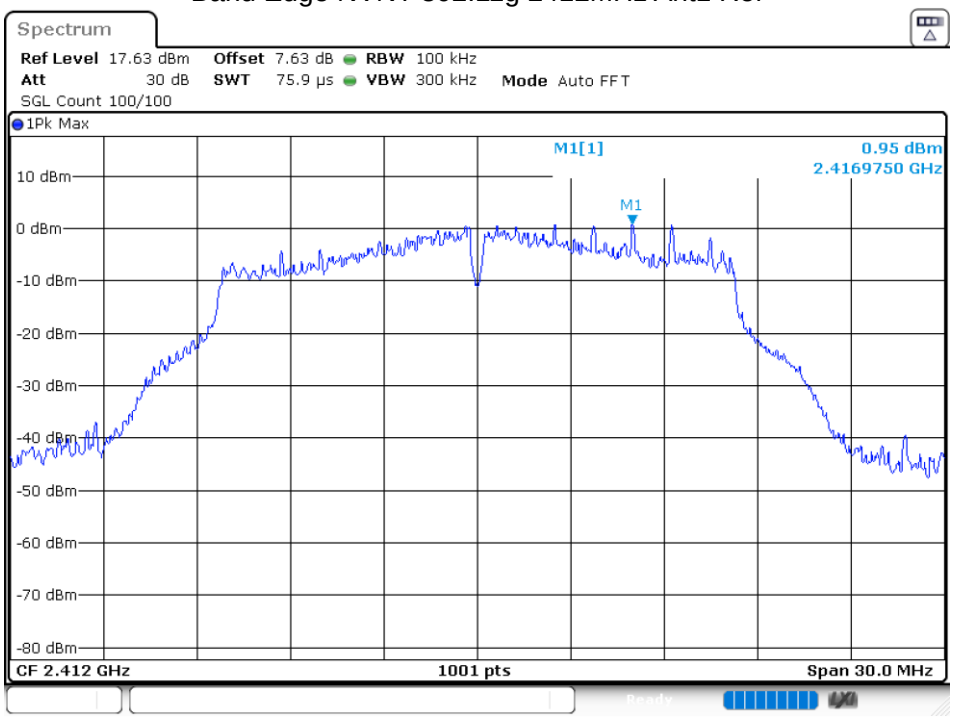
Band Edge NVNT 802.11b 2462MHz Ant1 Ref



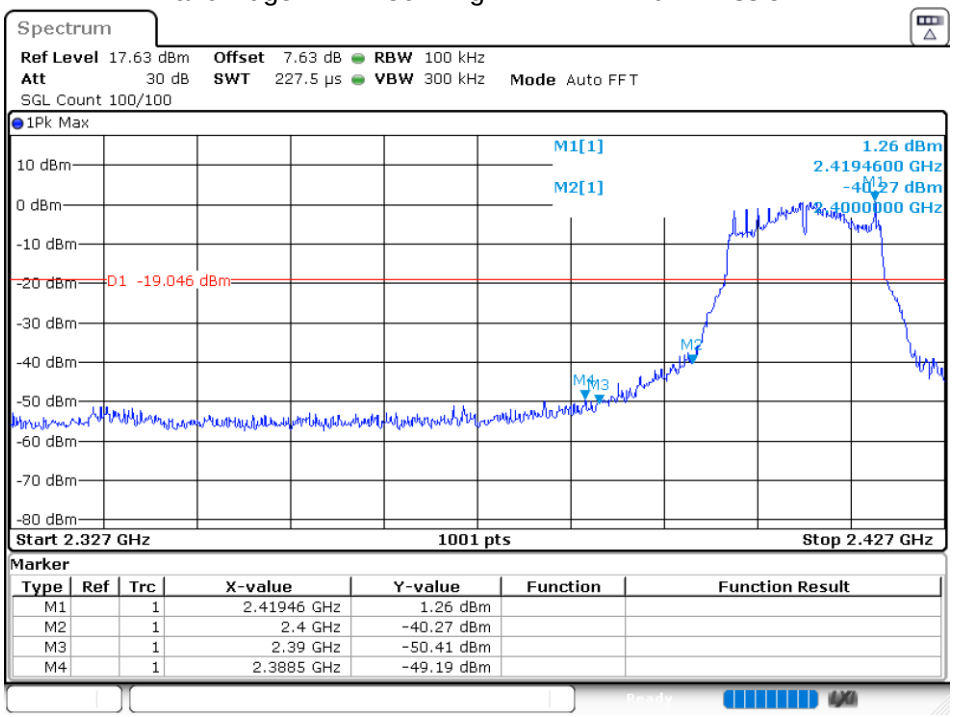
Band Edge NVNT 802.11b 2462MHz Ant1 Emission



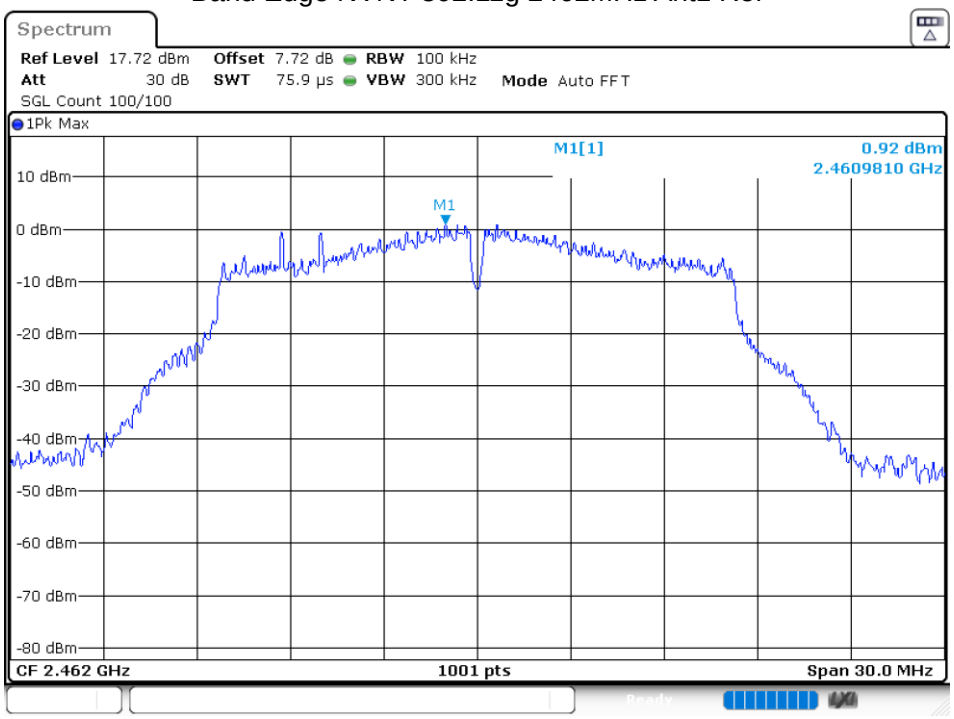
Band Edge NVNT 802.11g 2412MHz Ant1 Ref



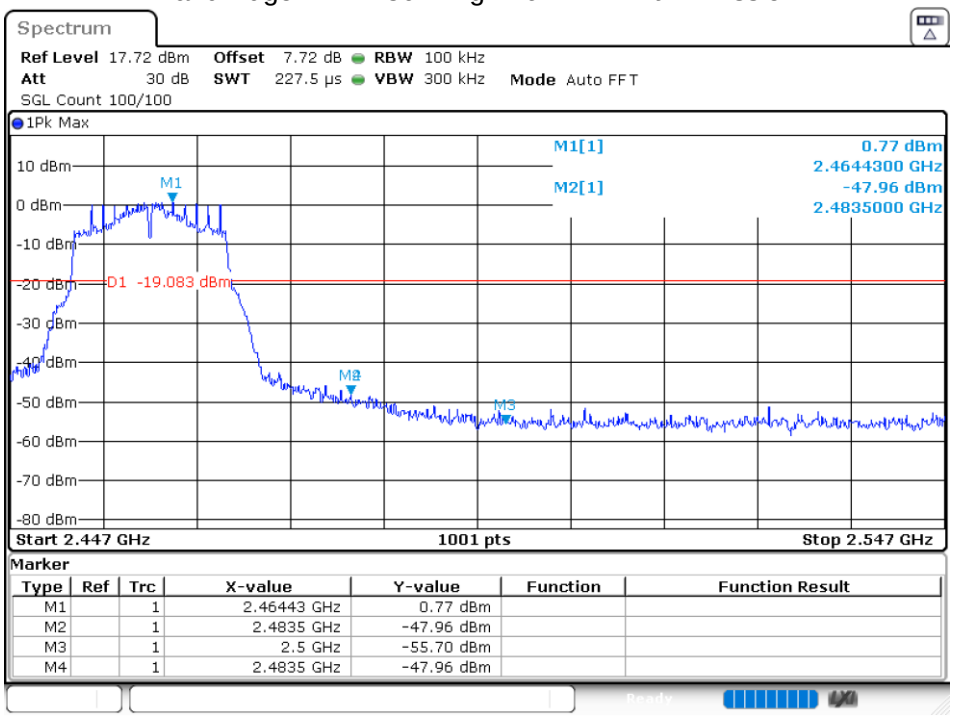
Band Edge NVNT 802.11g 2412MHz Ant1 Emission



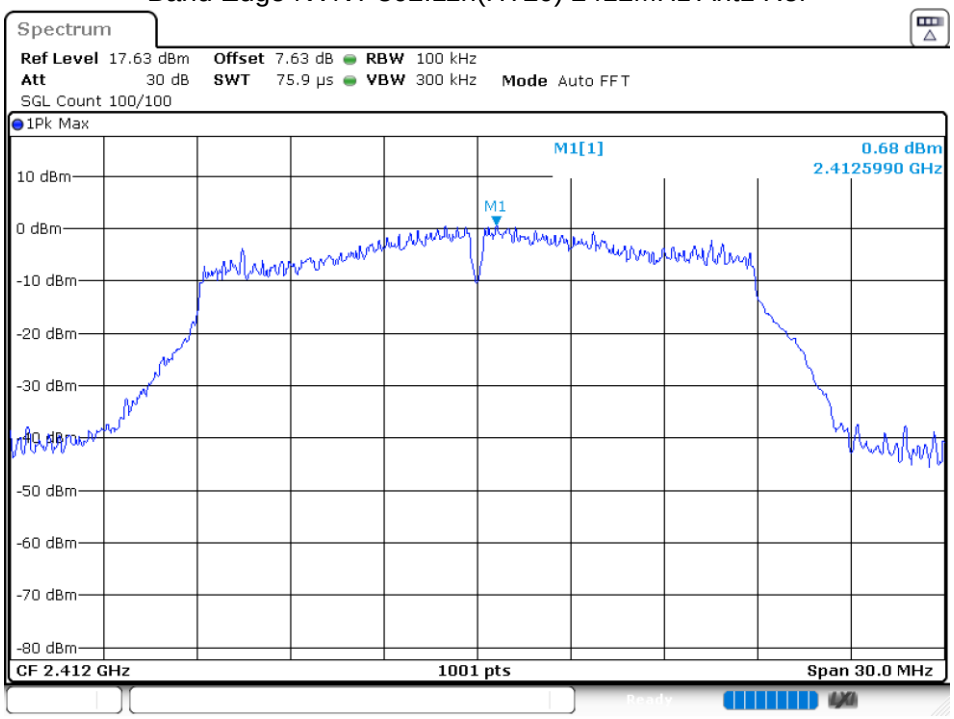
Band Edge NVNT 802.11g 2462MHz Ant1 Ref



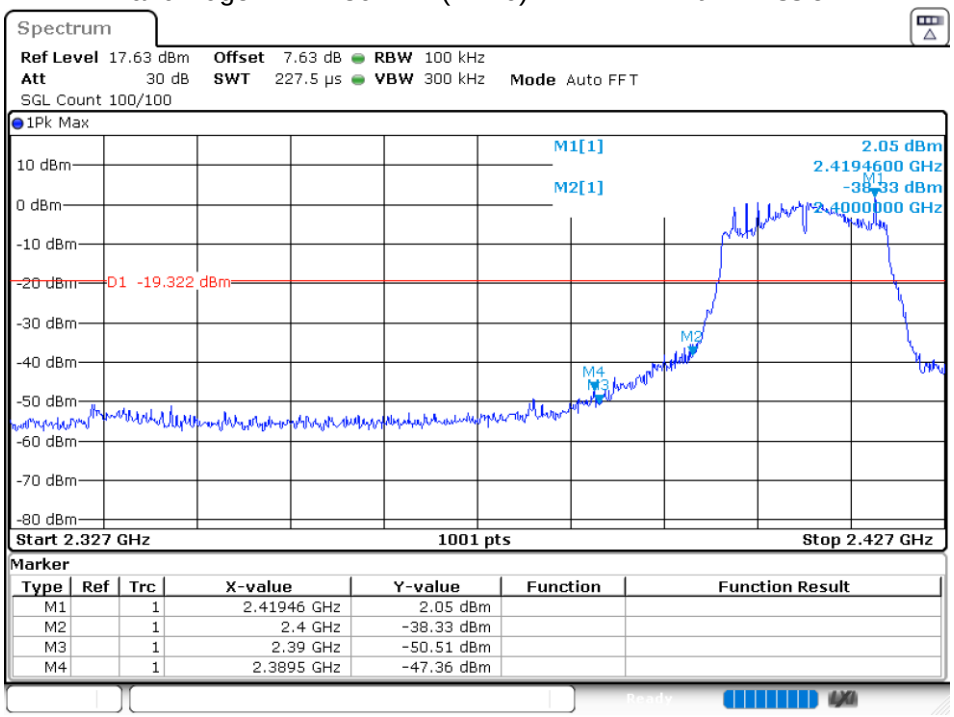
Band Edge NVNT 802.11g 2462MHz Ant1 Emission



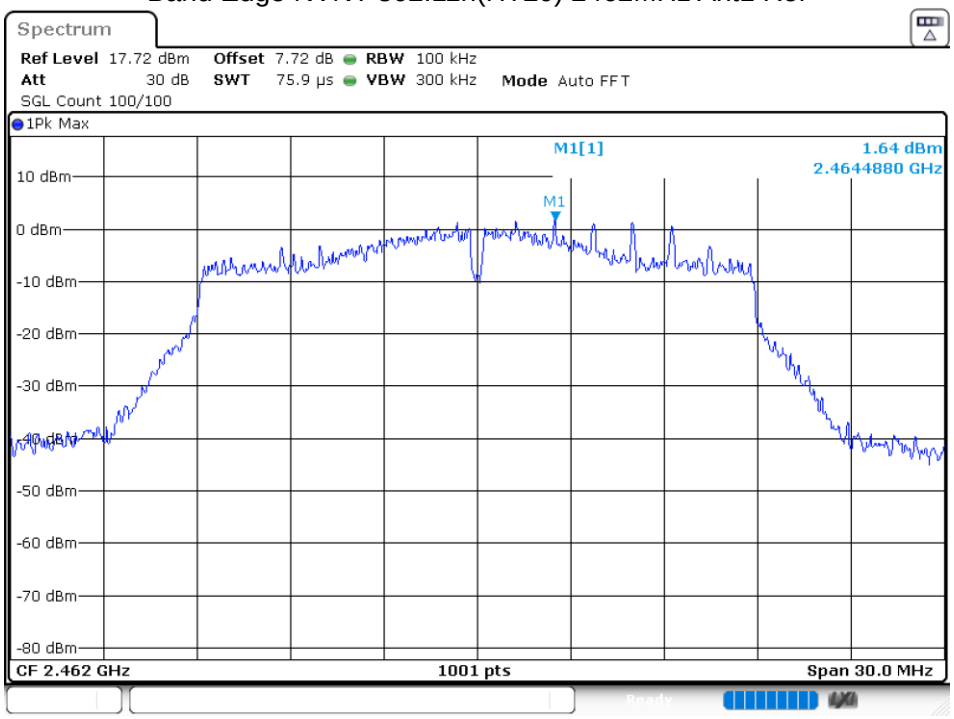
Band Edge NVNT 802.11n(HT20) 2412MHz Ant1 Ref



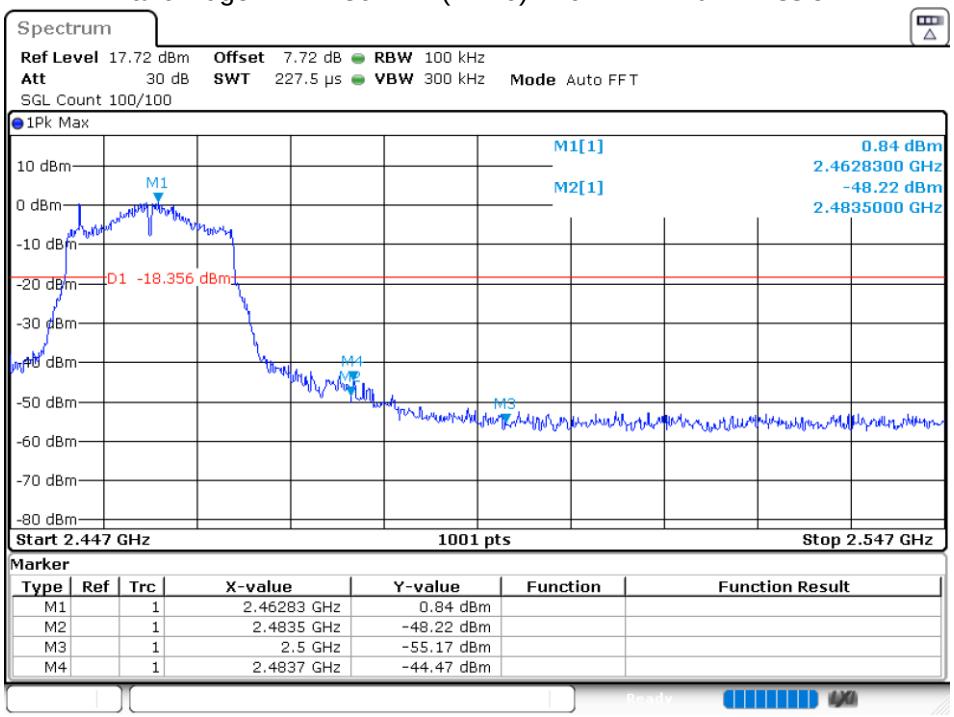
Band Edge NVNT 802.11n(HT20) 2412MHz Ant1 Emission



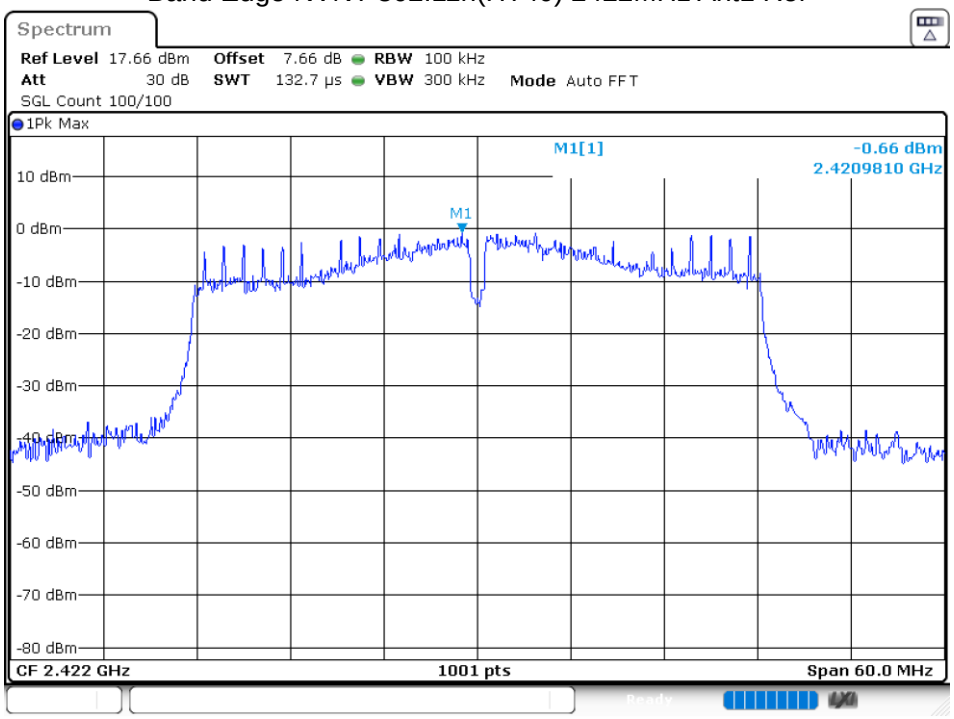
Band Edge NVNT 802.11n(HT20) 2462MHz Ant1 Ref



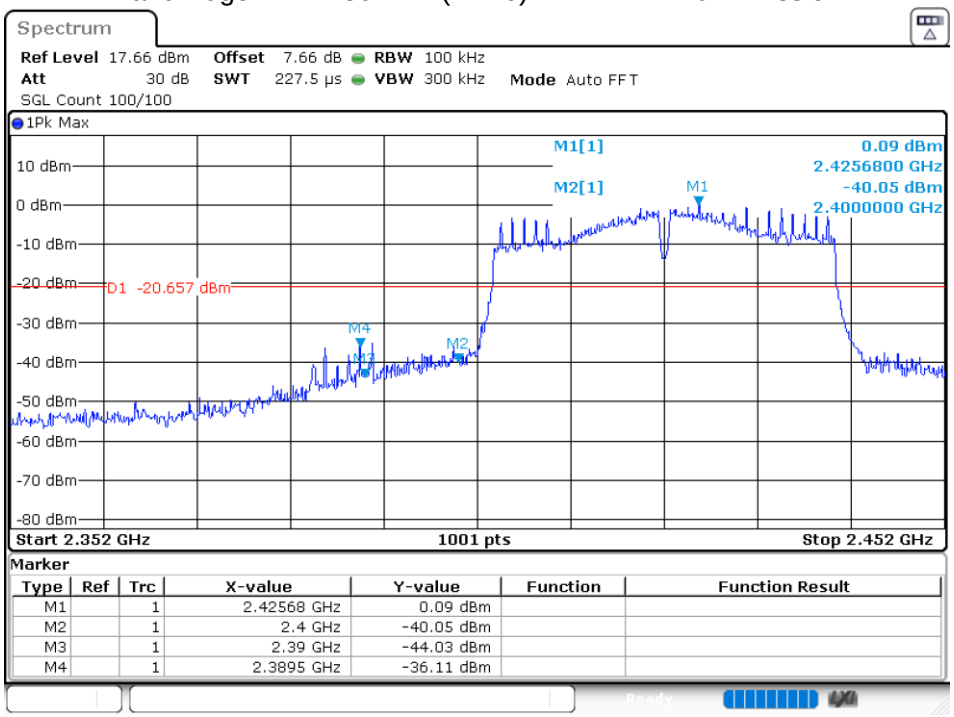
Band Edge NVNT 802.11n(HT20) 2462MHz Ant1 Emission



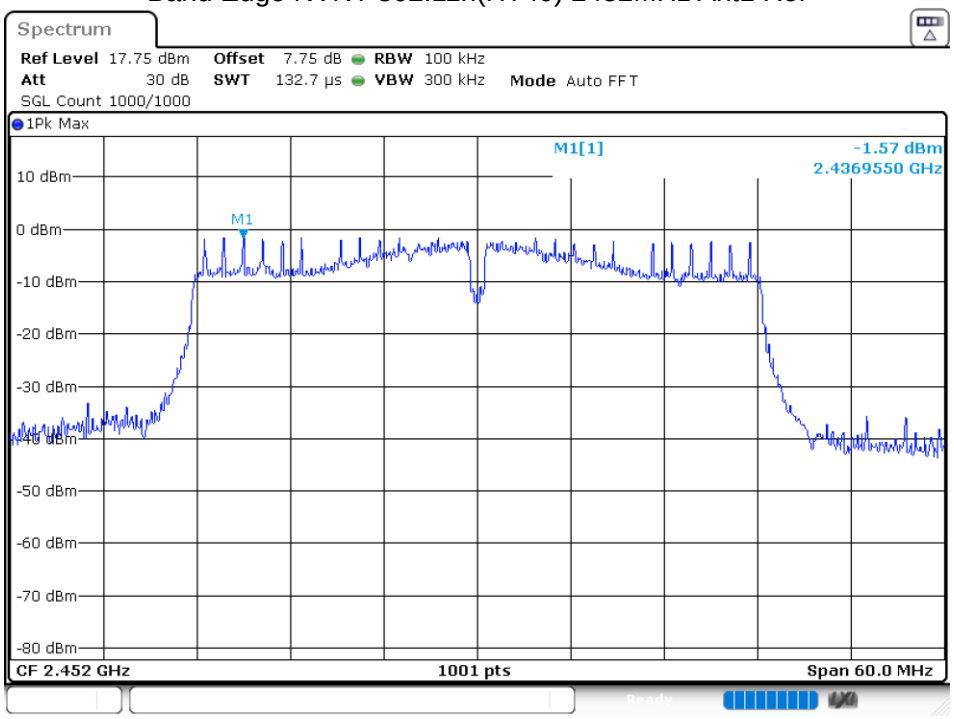
Band Edge NVNT 802.11n(HT40) 2422MHz Ant1 Ref



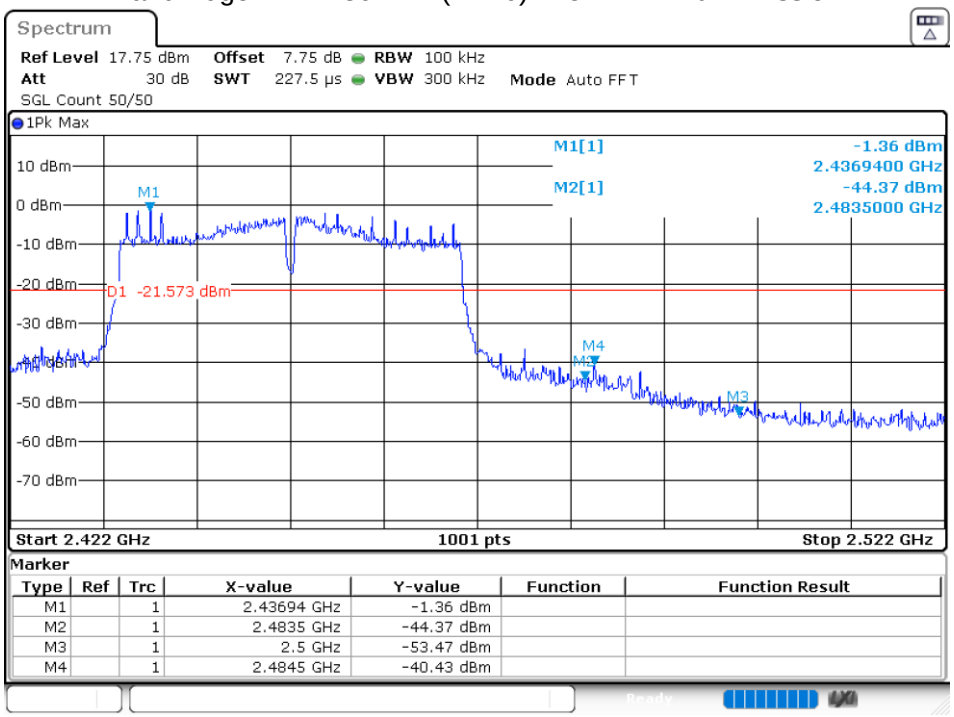
Band Edge NVNT 802.11n(HT40) 2422MHz Ant1 Emission



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



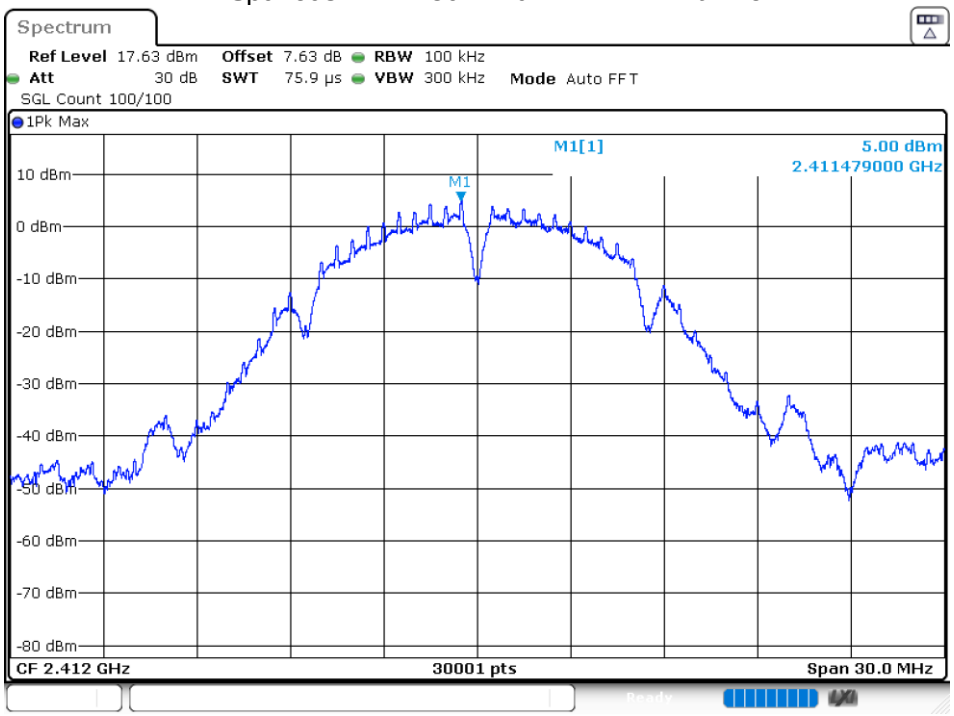
Band Edge NVNT 802.11n(HT40) 2452MHz Ant1 Emission



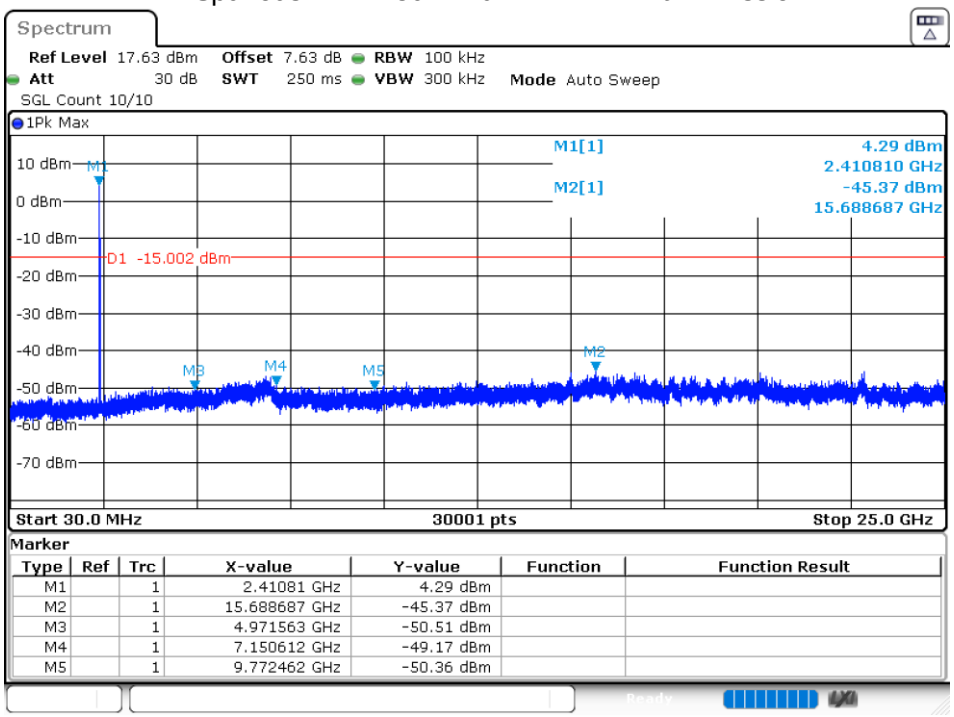
8.6 CONDUCTED RF SPURIOUS EMISSION

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	802.11b	2412	Ant 1	-50.36	-20	Pass
NVNT	802.11b	2437	Ant 1	-49.75	-20	Pass
NVNT	802.11b	2462	Ant 1	-50.84	-20	Pass
NVNT	802.11g	2412	Ant 1	-45.7	-20	Pass
NVNT	802.11g	2437	Ant 1	-45.54	-20	Pass
NVNT	802.11g	2462	Ant 1	-46.63	-20	Pass
NVNT	802.11n(HT20)	2412	Ant 1	-46.64	-20	Pass
NVNT	802.11n(HT20)	2437	Ant 1	-45.76	-20	Pass
NVNT	802.11n(HT20)	2462	Ant 1	-46.7	-20	Pass
NVNT	802.11n(HT40)	2422	Ant 1	-45.68	-20	Pass
NVNT	802.11n(HT40)	2437	Ant 1	-43.49	-20	Pass
NVNT	802.11n(HT40)	2452	Ant 1	-43.9	-20	Pass

Tx. Spurious NVNT 802.11b 2412MHz Ant1 Ref



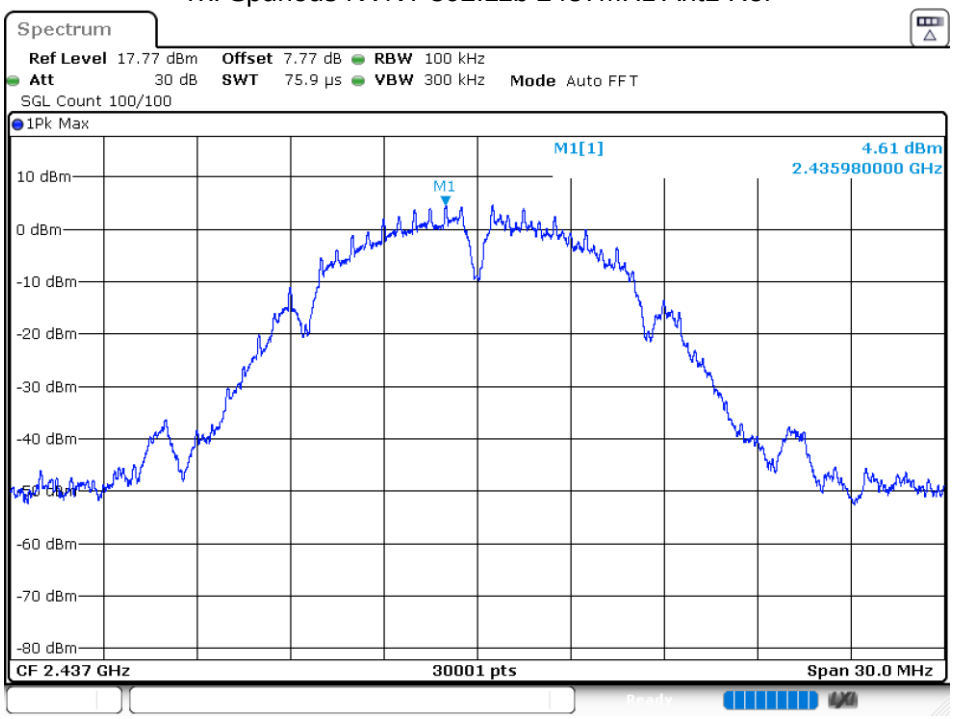
Tx. Spurious NVNT 802.11b 2412MHz Ant1 Emission



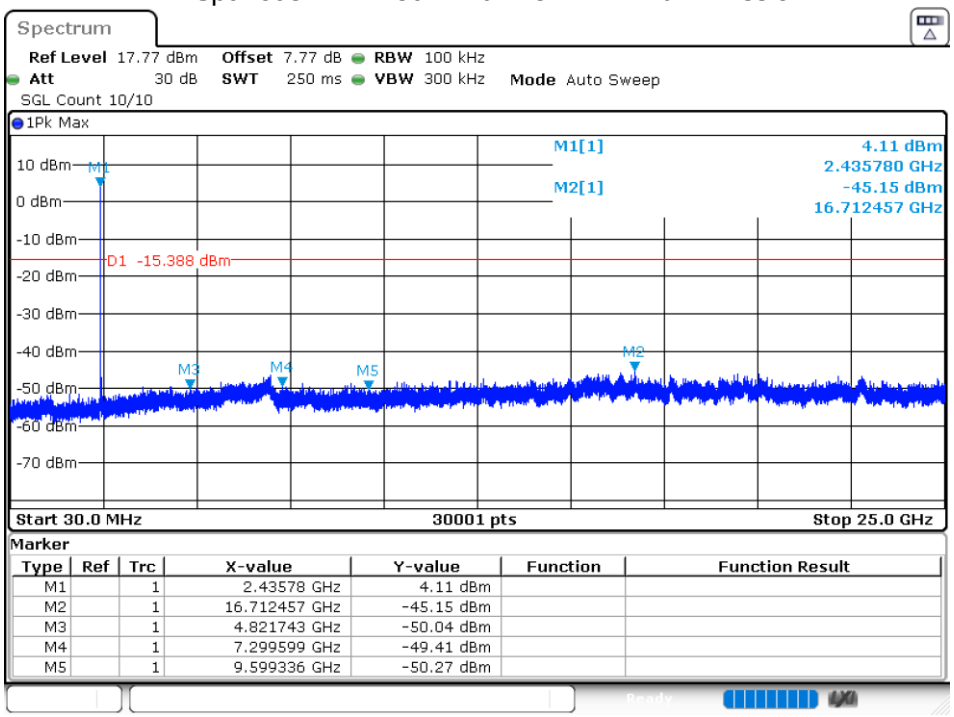
Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.41081 GHz	4.29 dBm		
M2		1	15.688687 GHz	-45.37 dBm		
M3		1	4.971563 GHz	-50.51 dBm		
M4		1	7.150612 GHz	-49.17 dBm		
M5		1	9.772462 GHz	-50.36 dBm		

Tx. Spurious NVNT 802.11b 2437MHz Ant1 Ref



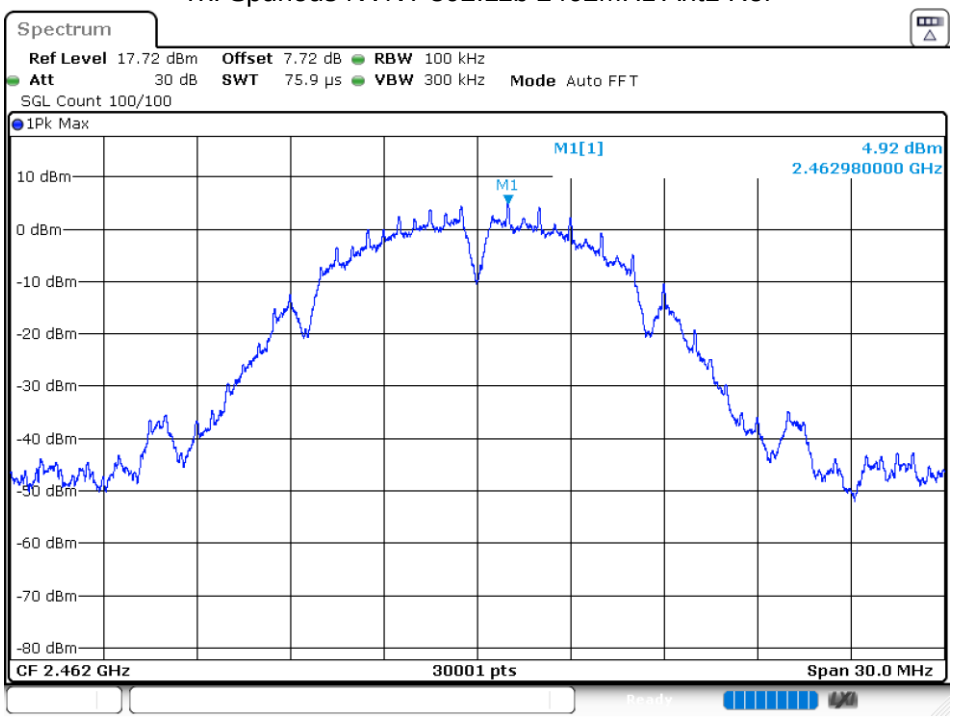
Tx. Spurious NVNT 802.11b 2437MHz Ant1 Emission



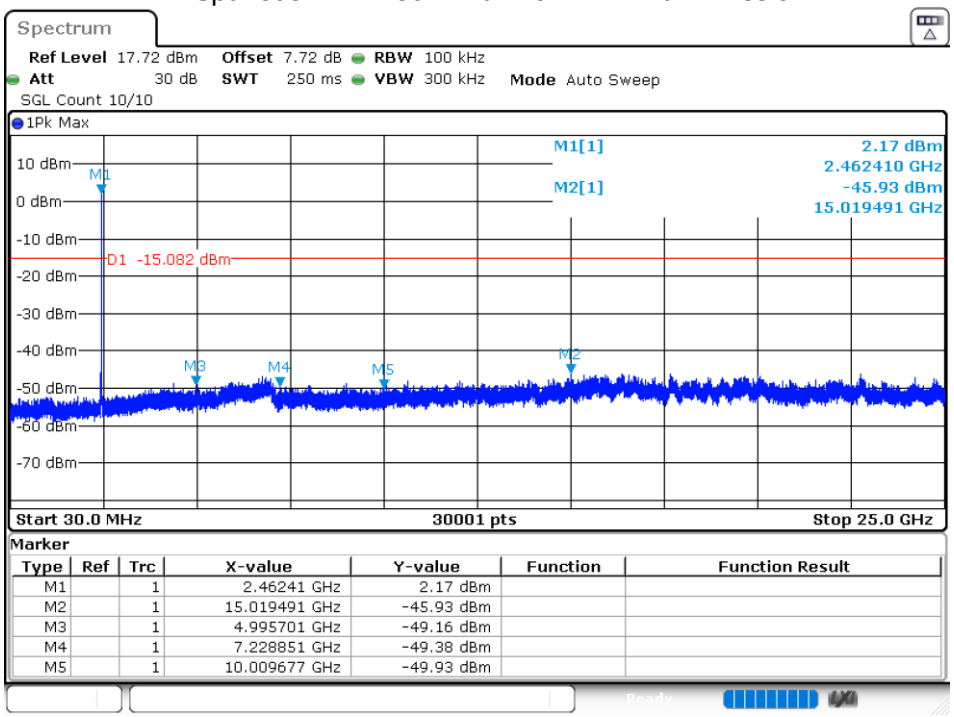
Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.43578 GHz	4.11 dBm		
M2		1	16.712457 GHz	-45.15 dBm		
M3		1	4.821743 GHz	-50.04 dBm		
M4		1	7.299599 GHz	-49.41 dBm		
M5		1	9.599336 GHz	-50.27 dBm		

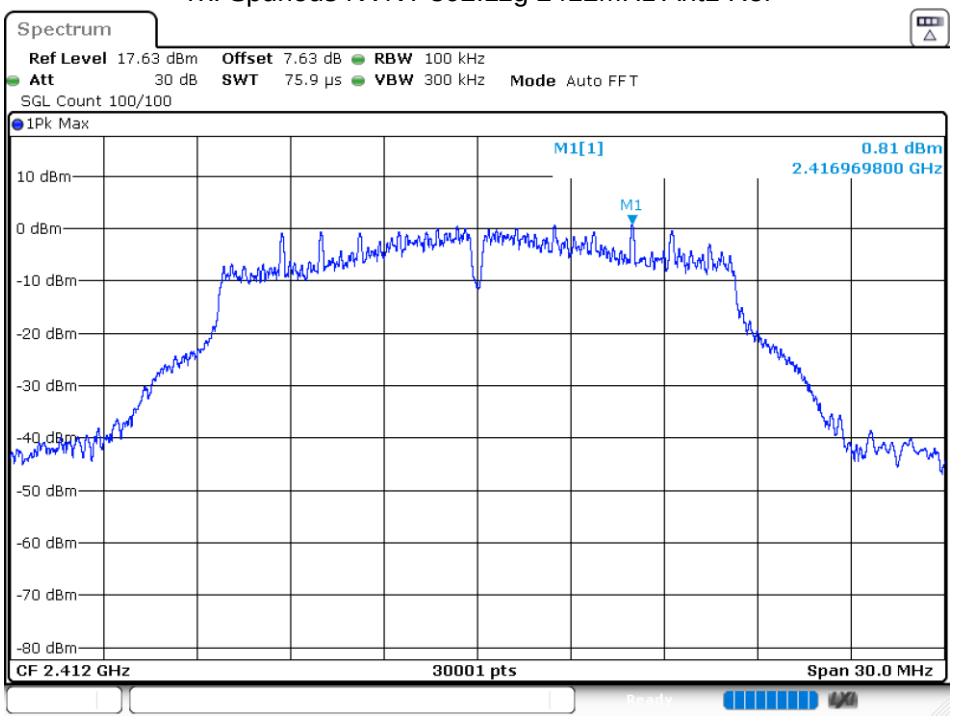
Tx. Spurious NVNT 802.11b 2462MHz Ant1 Ref



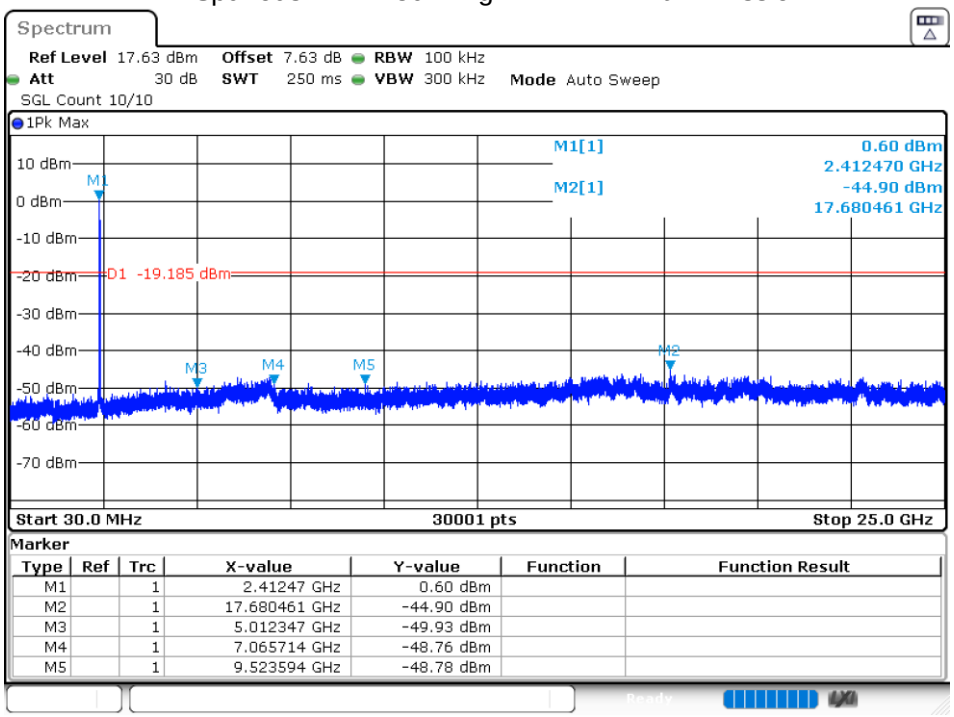
Tx. Spurious NVNT 802.11b 2462MHz Ant1 Emission



Tx. Spurious NVNT 802.11g 2412MHz Ant1 Ref



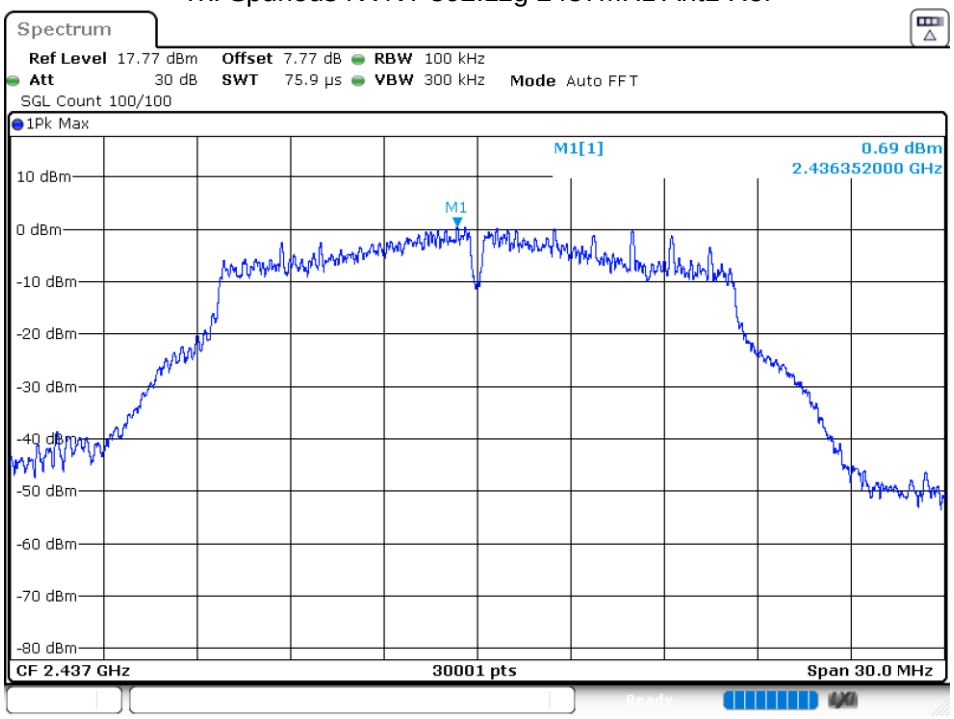
Tx. Spurious NVNT 802.11g 2412MHz Ant1 Emission



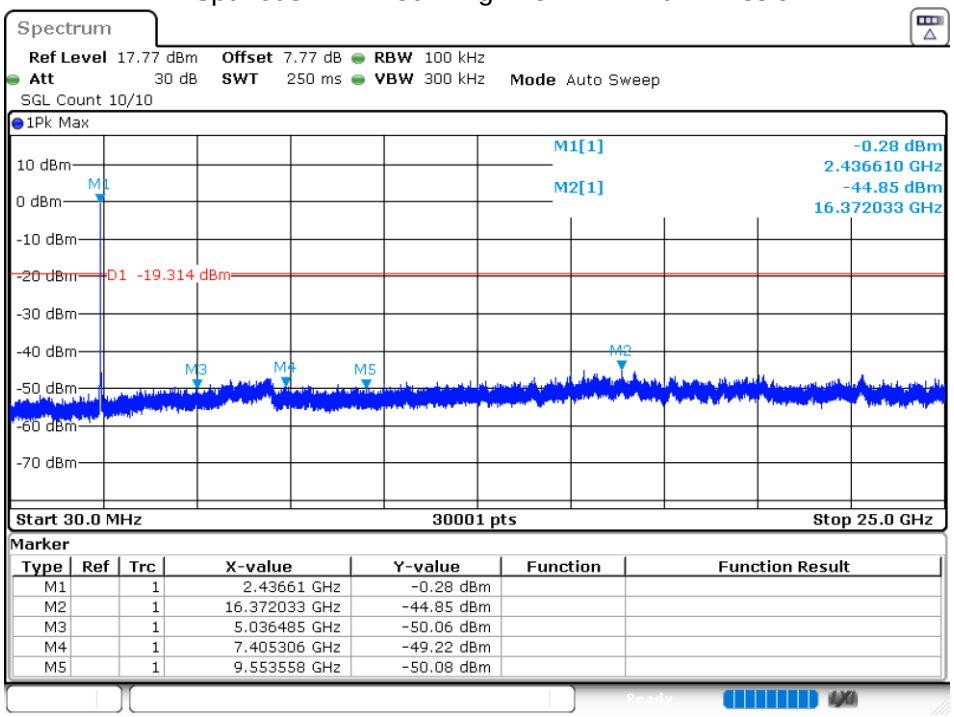
Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.41247 GHz	0.60 dBm		
M2		1	17.680461 GHz	-44.90 dBm		
M3		1	5.012347 GHz	-49.93 dBm		
M4		1	7.065714 GHz	-48.76 dBm		
M5		1	9.523594 GHz	-48.78 dBm		

Tx. Spurious NVNT 802.11g 2437MHz Ant1 Ref



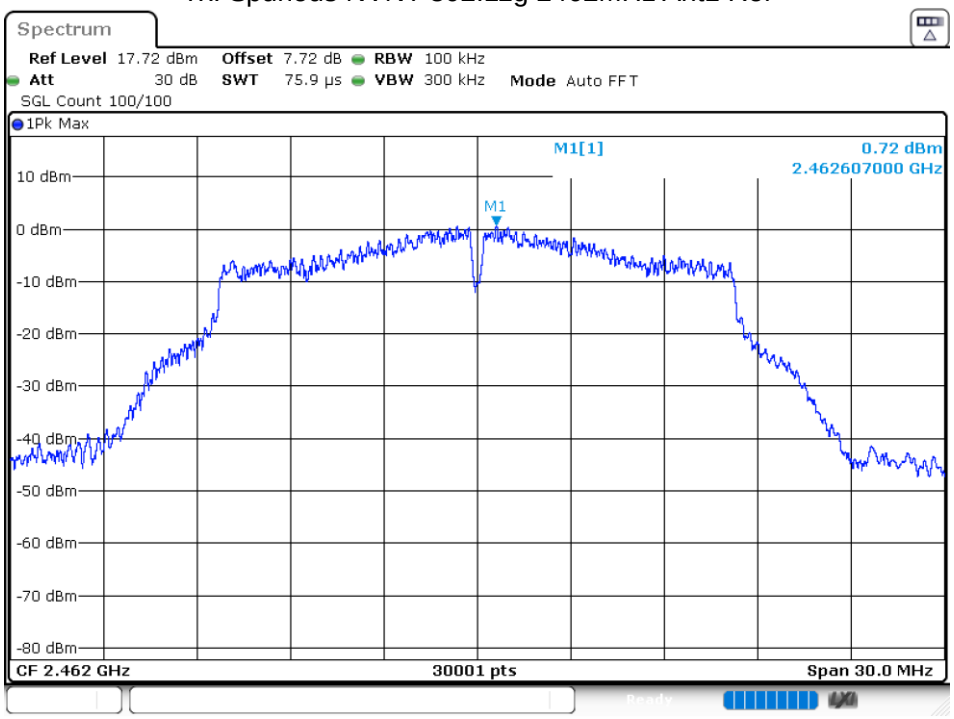
Tx. Spurious NVNT 802.11g 2437MHz Ant1 Emission



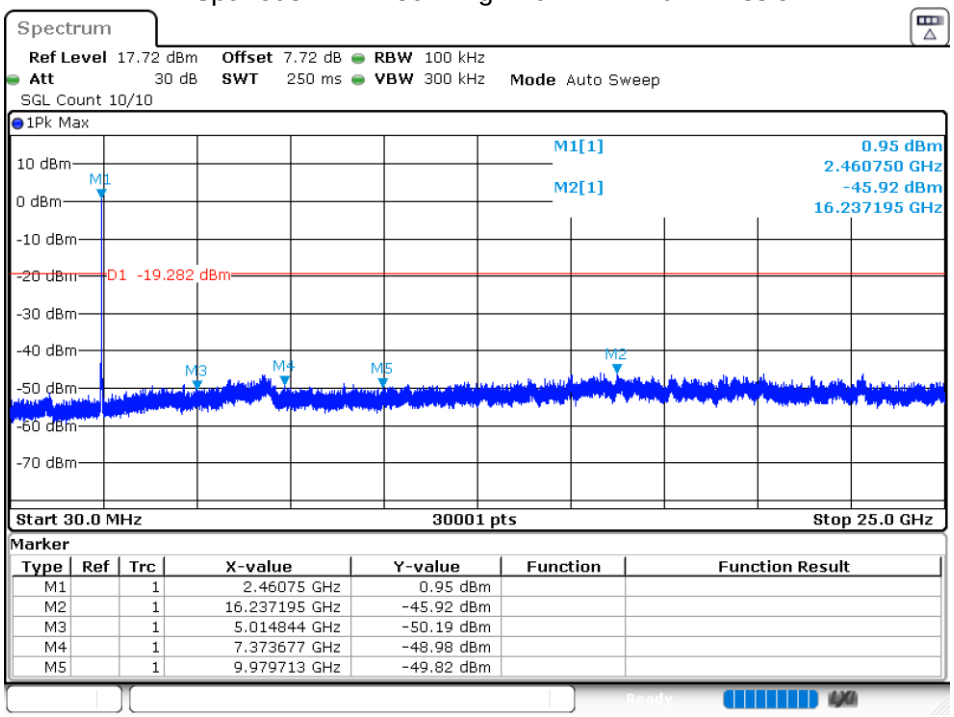
Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.43661 GHz	-0.28 dBm		
M2		1	16.372033 GHz	-44.85 dBm		
M3		1	5.036485 GHz	-50.06 dBm		
M4		1	7.405306 GHz	-49.22 dBm		
M5		1	9.553558 GHz	-50.08 dBm		

Tx. Spurious NVNT 802.11g 2462MHz Ant1 Ref



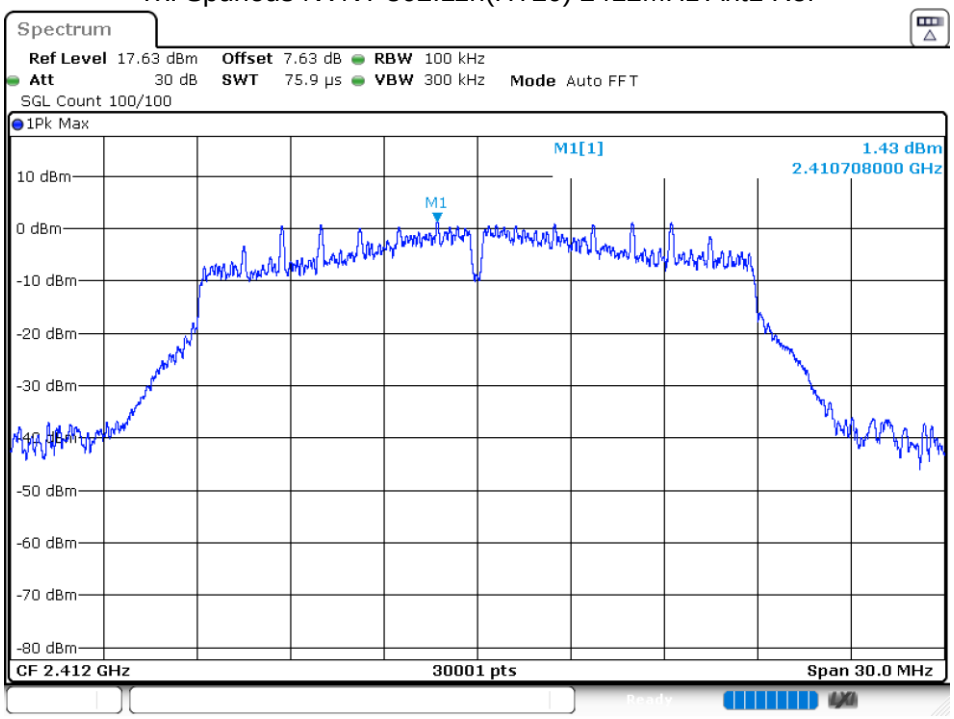
Tx. Spurious NVNT 802.11g 2462MHz Ant1 Emission



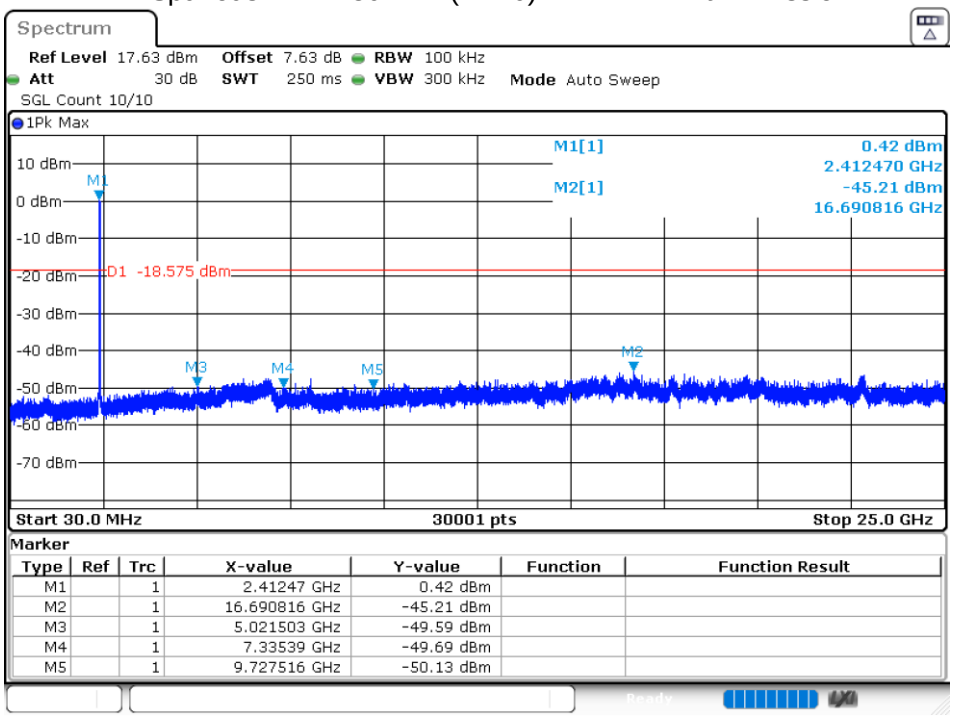
Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.46075 GHz	0.95 dBm		
M2		1	16.237195 GHz	-45.92 dBm		
M3		1	5.014844 GHz	-50.19 dBm		
M4		1	7.373677 GHz	-48.98 dBm		
M5		1	9.979713 GHz	-49.82 dBm		

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



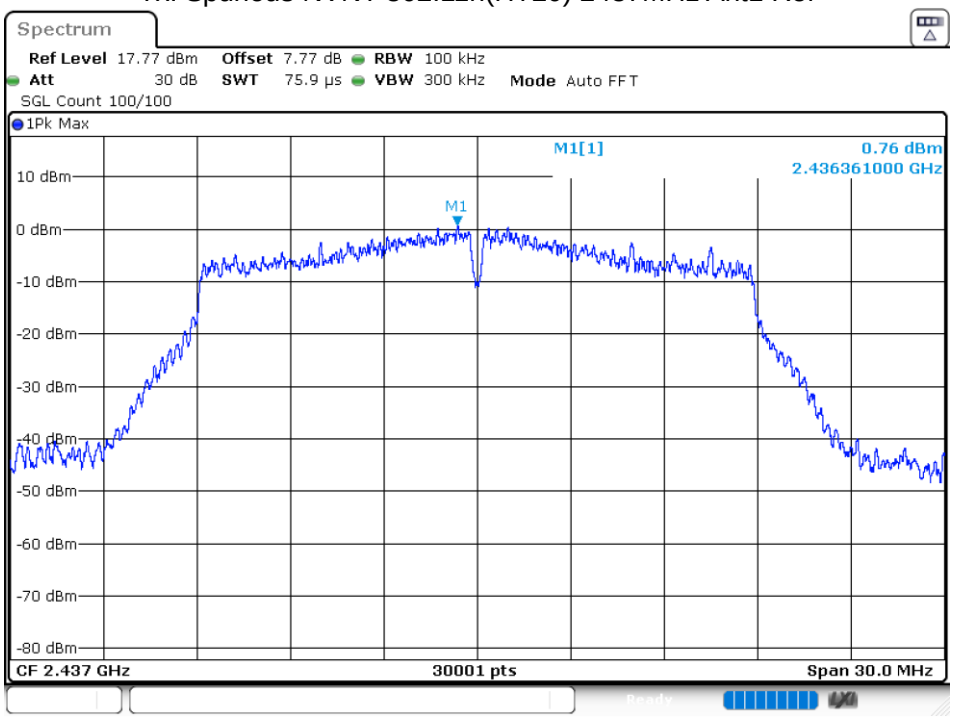
Tx. Spurious NVNT 802.11n(HT20) 2412MHz Ant1 Emission



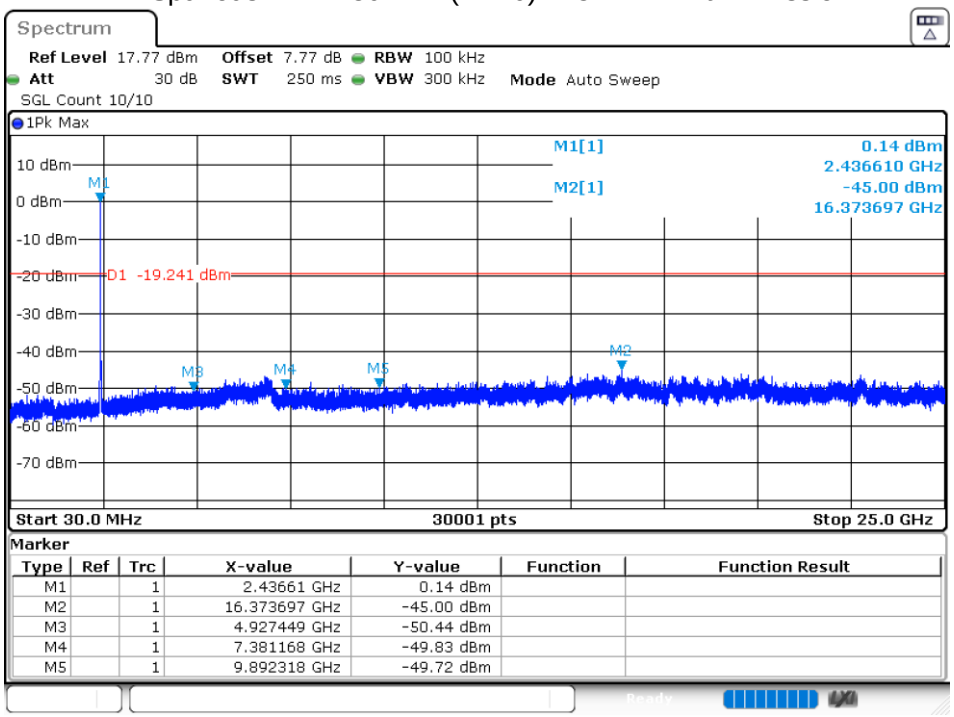
Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.41247 GHz	0.42 dBm		
M2		1	16.690816 GHz	-45.21 dBm		
M3		1	5.021503 GHz	-49.59 dBm		
M4		1	7.33539 GHz	-49.69 dBm		
M5		1	9.727516 GHz	-50.13 dBm		

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



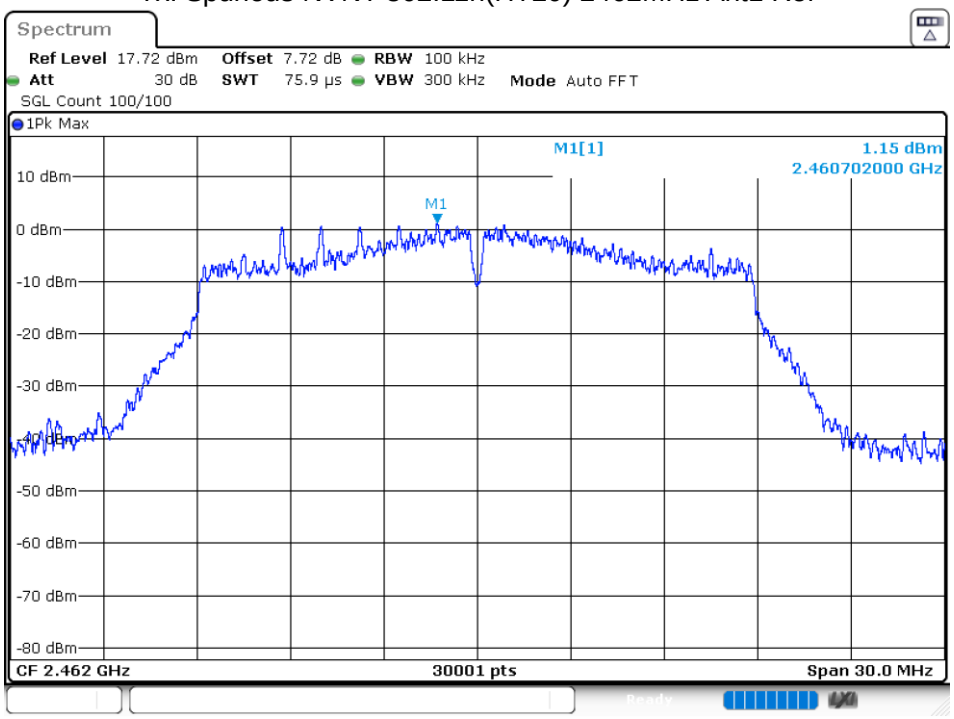
Tx. Spurious NVNT 802.11n(HT20) 2437MHz Ant1 Emission



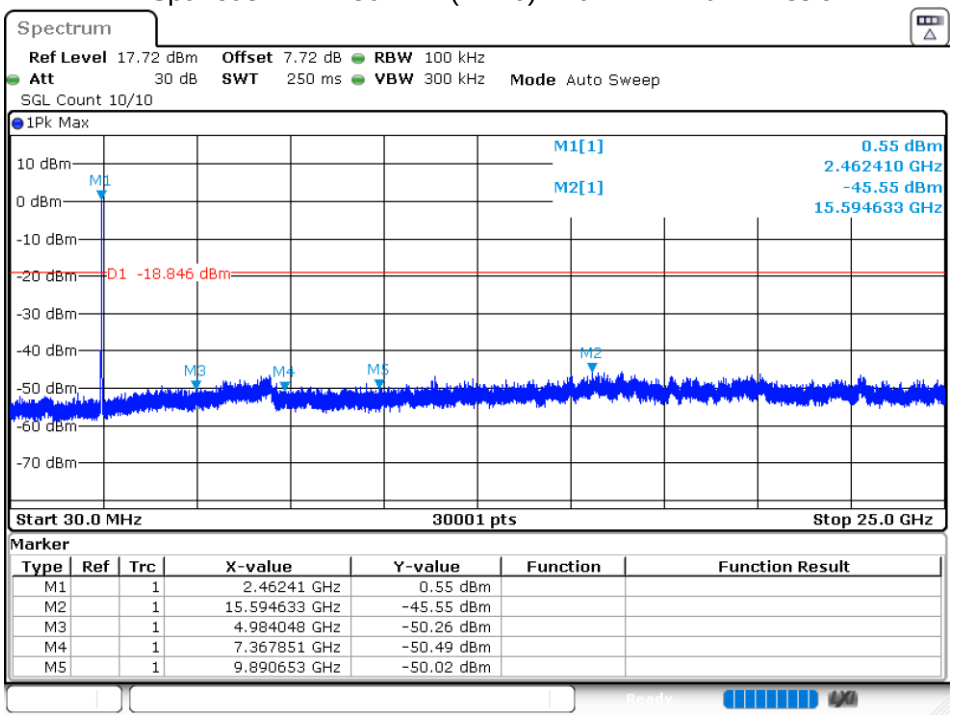
Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.43661 GHz	0.14 dBm		
M2		1	16.373697 GHz	-45.00 dBm		
M3		1	4.927449 GHz	-50.44 dBm		
M4		1	7.381168 GHz	-49.83 dBm		
M5		1	9.892318 GHz	-49.72 dBm		

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



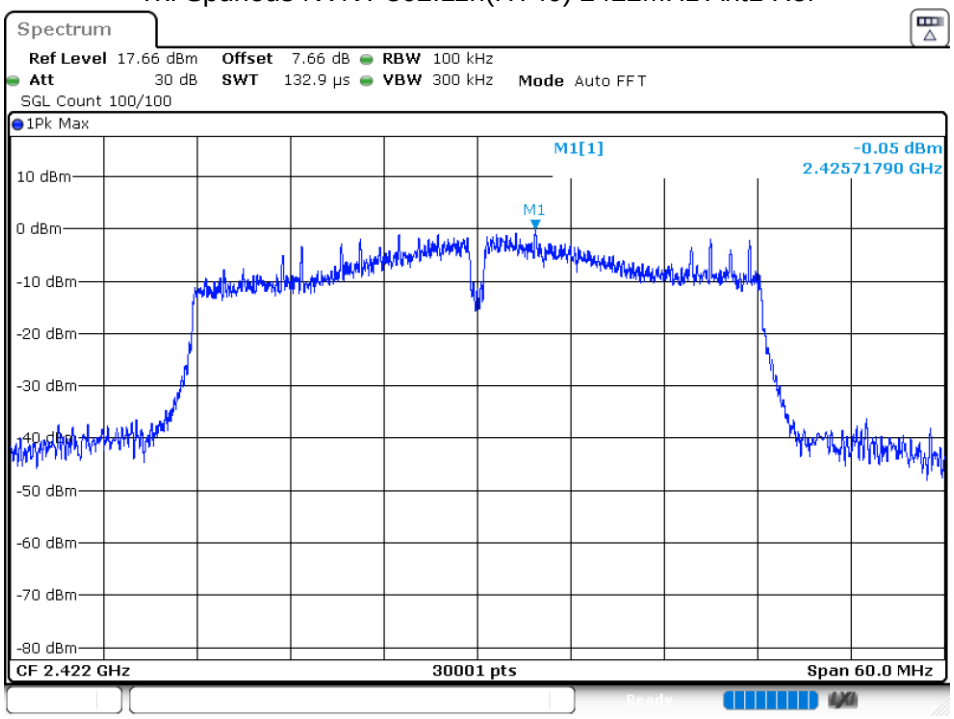
Tx. Spurious NVNT 802.11n(HT20) 2462MHz Ant1 Emission



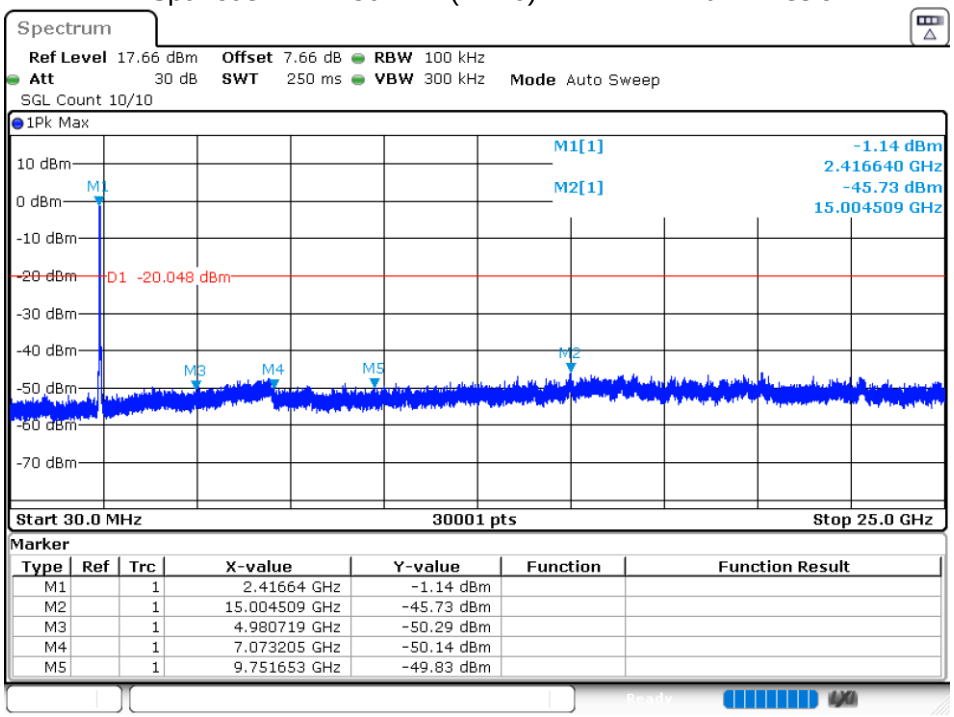
Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.46241 GHz	0.55 dBm		
M2		1	15.594633 GHz	-45.55 dBm		
M3		1	4.984048 GHz	-50.26 dBm		
M4		1	7.367851 GHz	-50.49 dBm		
M5		1	9.890653 GHz	-50.02 dBm		

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



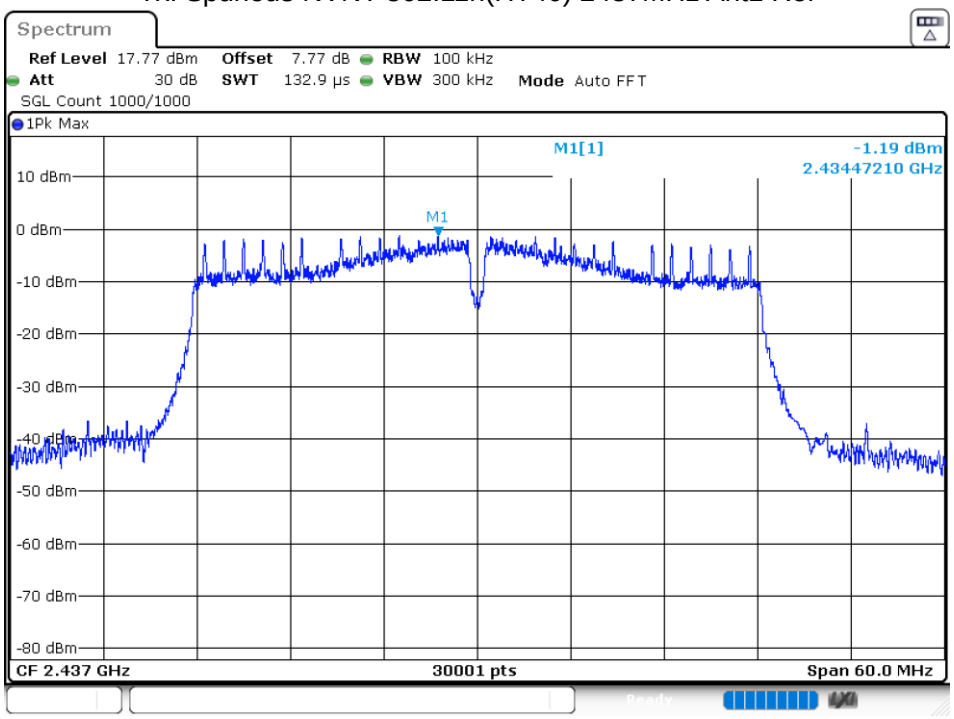
Tx. Spurious NVNT 802.11n(HT40) 2422MHz Ant1 Emission



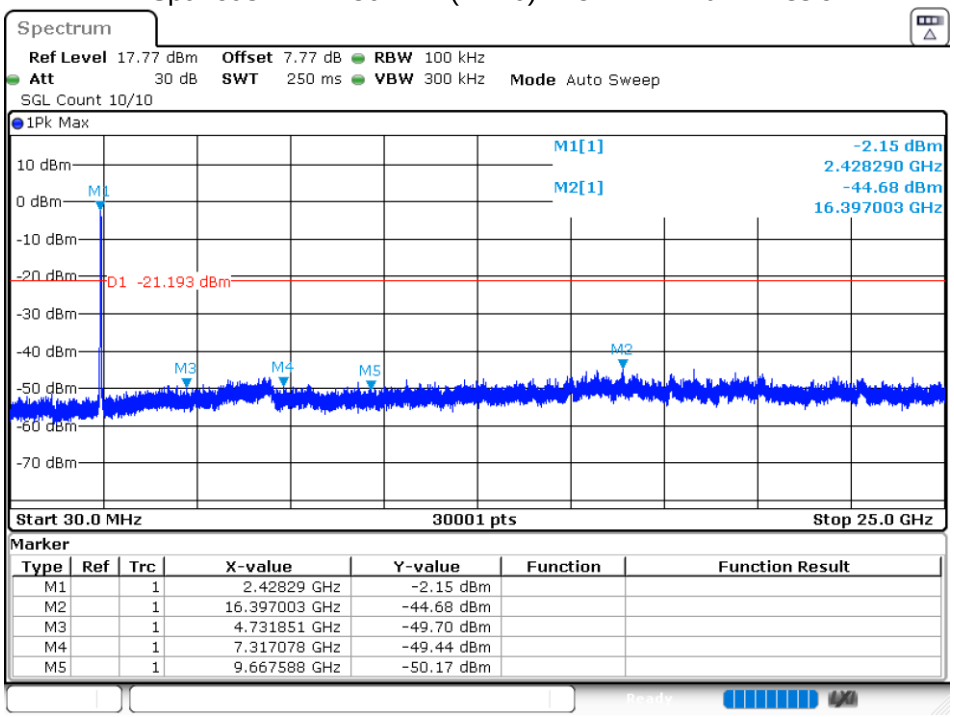
Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.41664 GHz	-1.14 dBm		
M2		1	15.004509 GHz	-45.73 dBm		
M3		1	4.980719 GHz	-50.29 dBm		
M4		1	7.073205 GHz	-50.14 dBm		
M5		1	9.751653 GHz	-49.83 dBm		

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



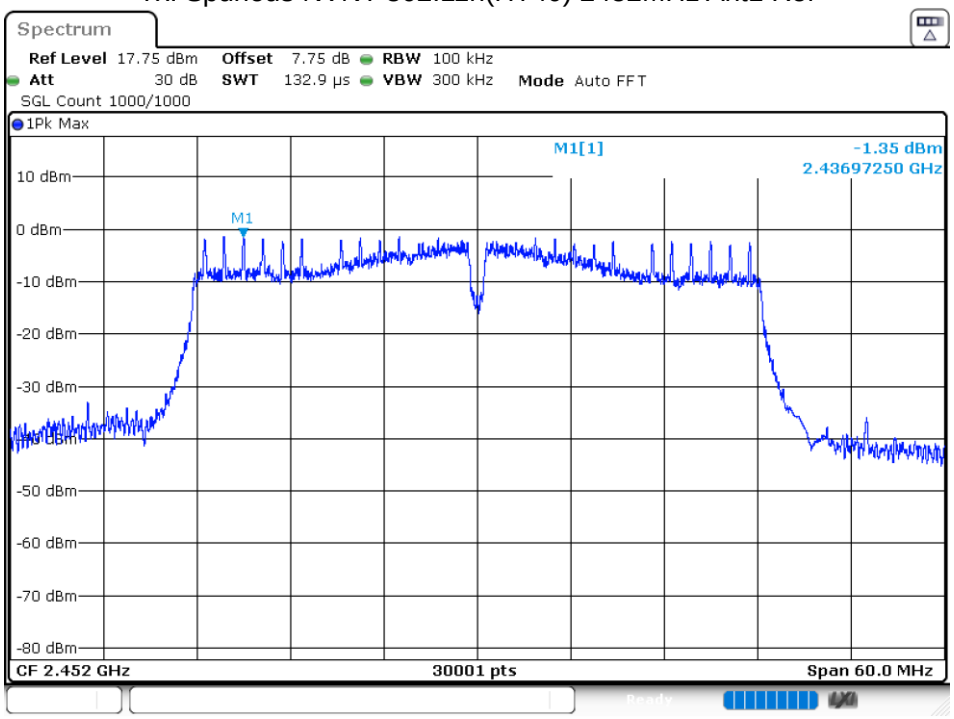
Tx. Spurious NVNT 802.11n(HT40) 2437MHz Ant1 Emission



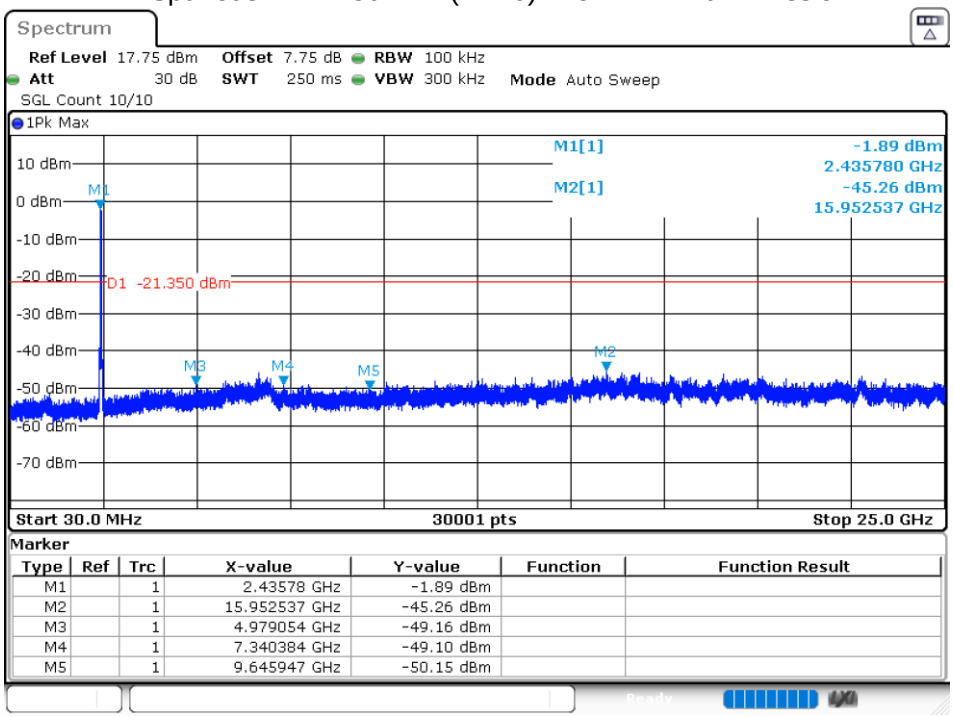
Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.42829 GHz	-2.15 dBm		
M2		1	16.397003 GHz	-44.68 dBm		
M3		1	4.731851 GHz	-49.70 dBm		
M4		1	7.317078 GHz	-49.44 dBm		
M5		1	9.667588 GHz	-50.17 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	2.43578 GHz	-1.89 dBm		
M2		1	15.952537 GHz	-45.26 dBm		
M3		1	4.979054 GHz	-49.16 dBm		
M4		1	7.340384 GHz	-49.10 dBm		
M5		1	9.645947 GHz	-50.15 dBm		

END OF REPORT