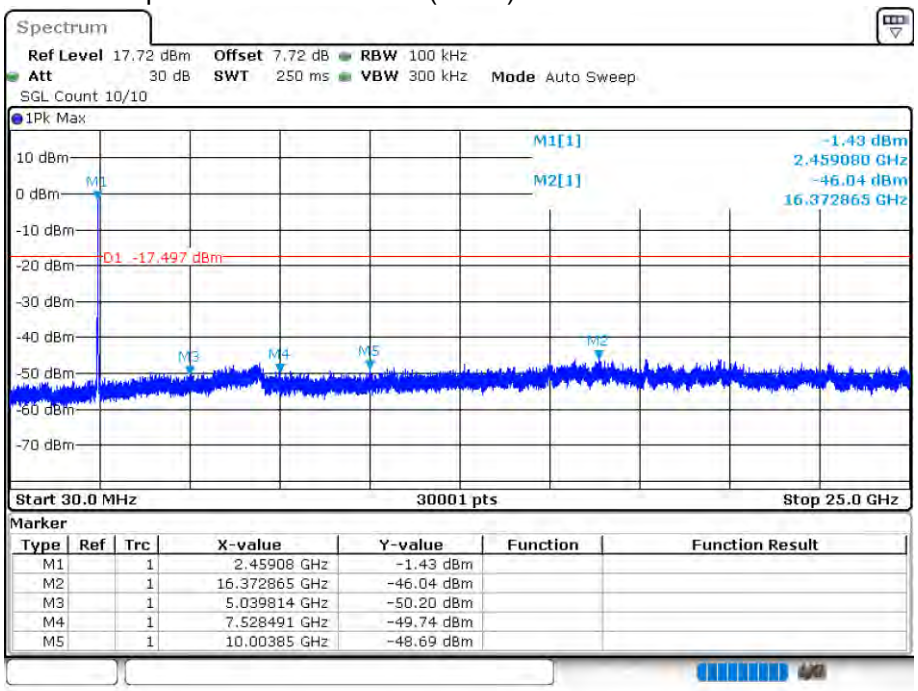
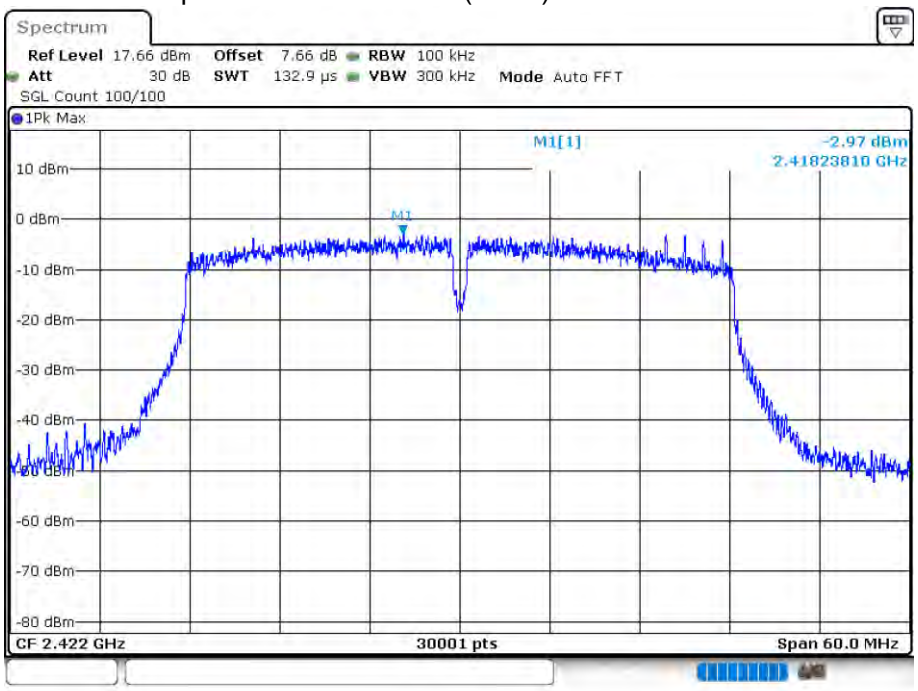
Tx. Spurious NVNT 802.11n(HT20) 2462MHz Ant 2 Emission



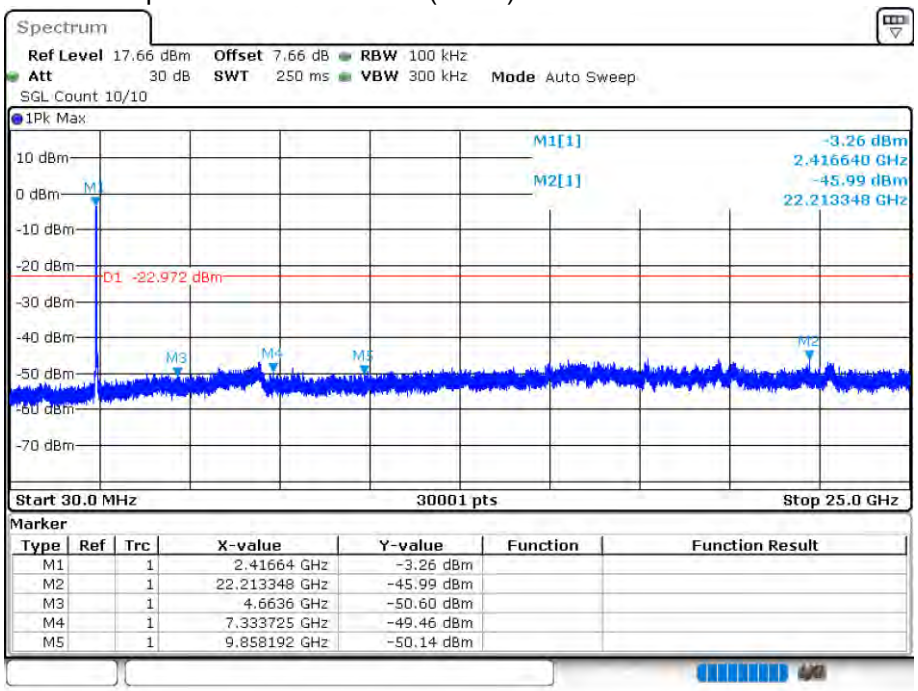
Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.45908 GHz	-1.43 dBm		
M2		1	16.372865 GHz	-46.04 dBm		
M3		1	5.039814 GHz	-50.20 dBm		
M4		1	7.528491 GHz	-49.74 dBm		
M5		1	10.00385 GHz	-48.69 dBm		

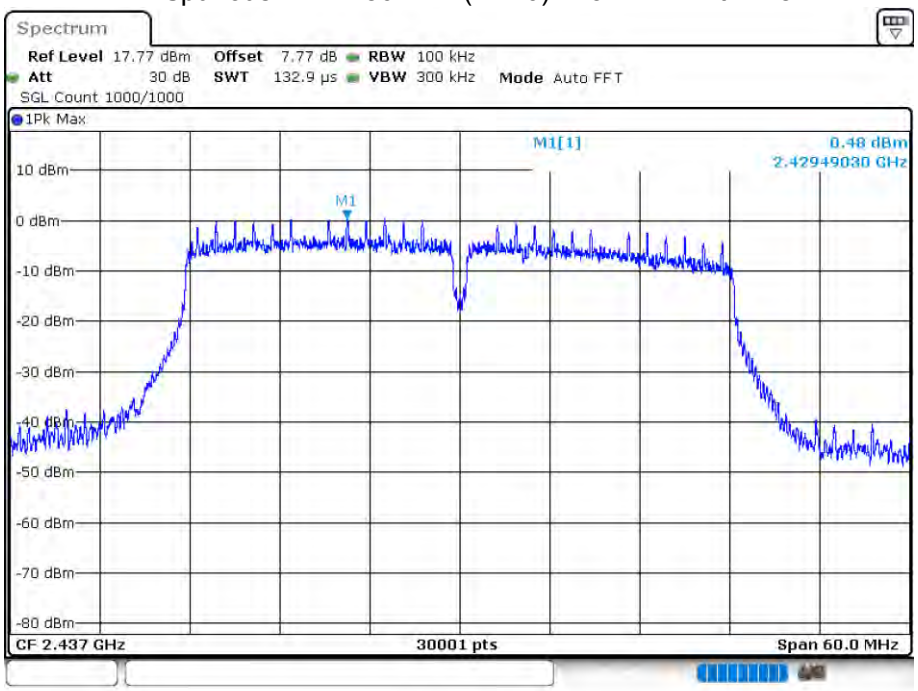
Tx. Spurious NVHT 802.11n(HT40) 2422MHz Ant 1 Ref



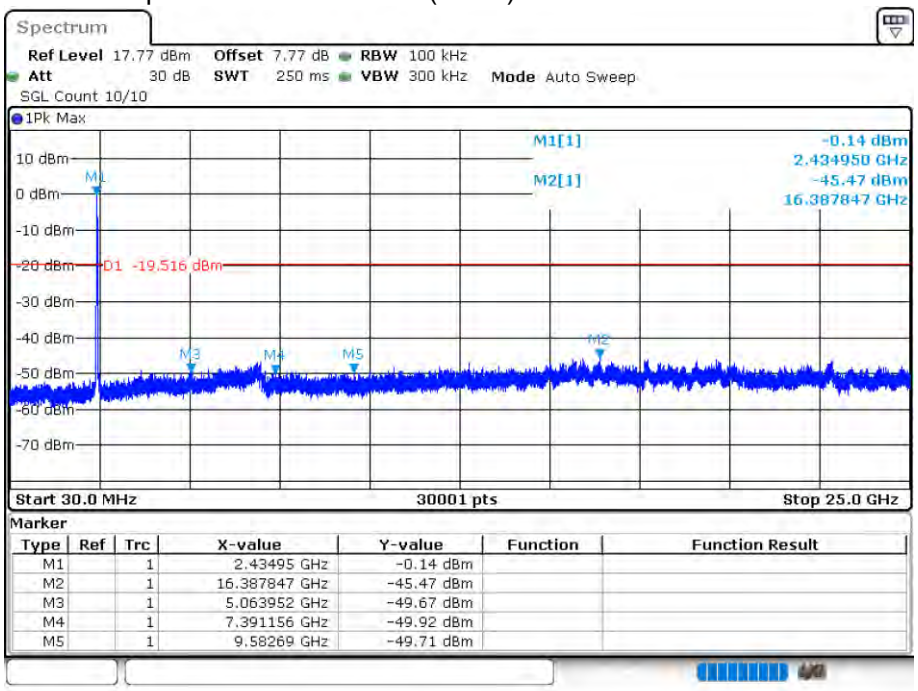
Tx. Spurious NVHT 802.11n(HT40) 2422MHz Ant 1 Emission



Tx. Spurious NVHT 802.11n(HT40) 2437MHz Ant 1 Ref



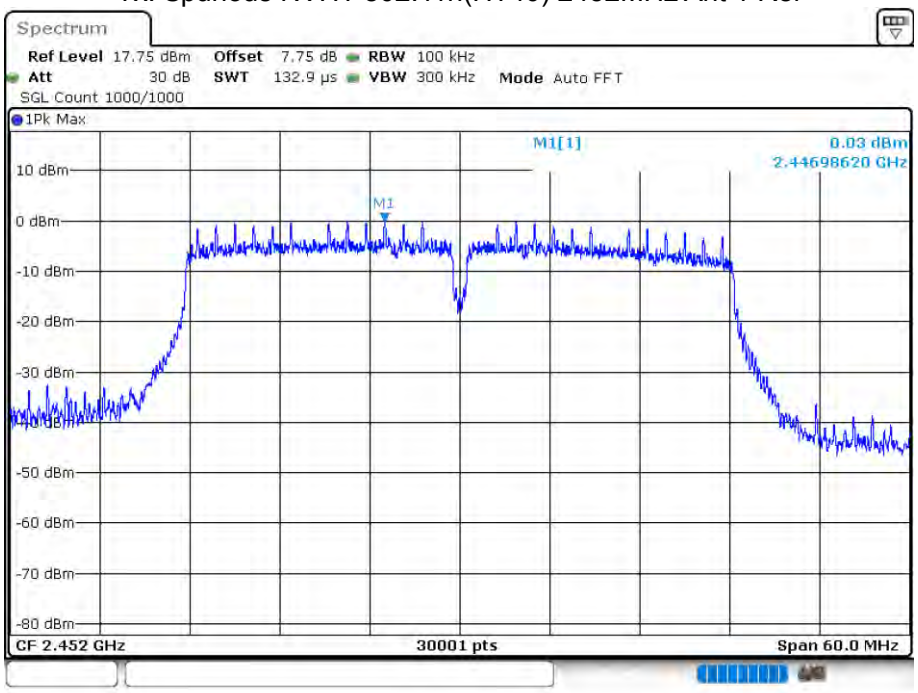
Tx. Spurious NVHT 802.11n(HT40) 2437MHz Ant 1 Emission



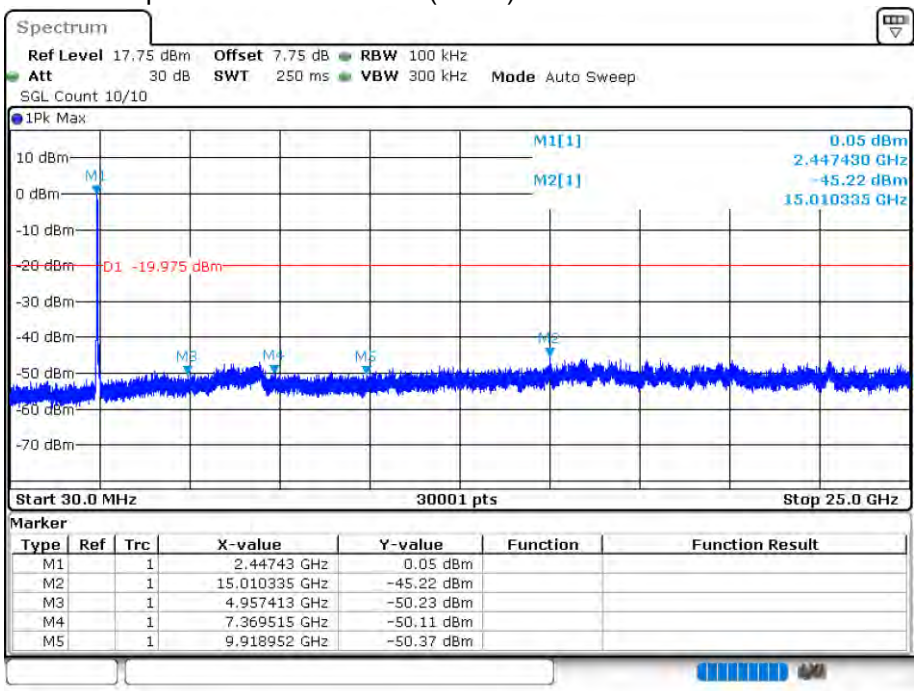
Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.43495 GHz	-0.14 dBm		
M2		1	16.387847 GHz	-45.47 dBm		
M3		1	5.063952 GHz	-49.67 dBm		
M4		1	7.391156 GHz	-49.92 dBm		
M5		1	9.58269 GHz	-49.71 dBm		

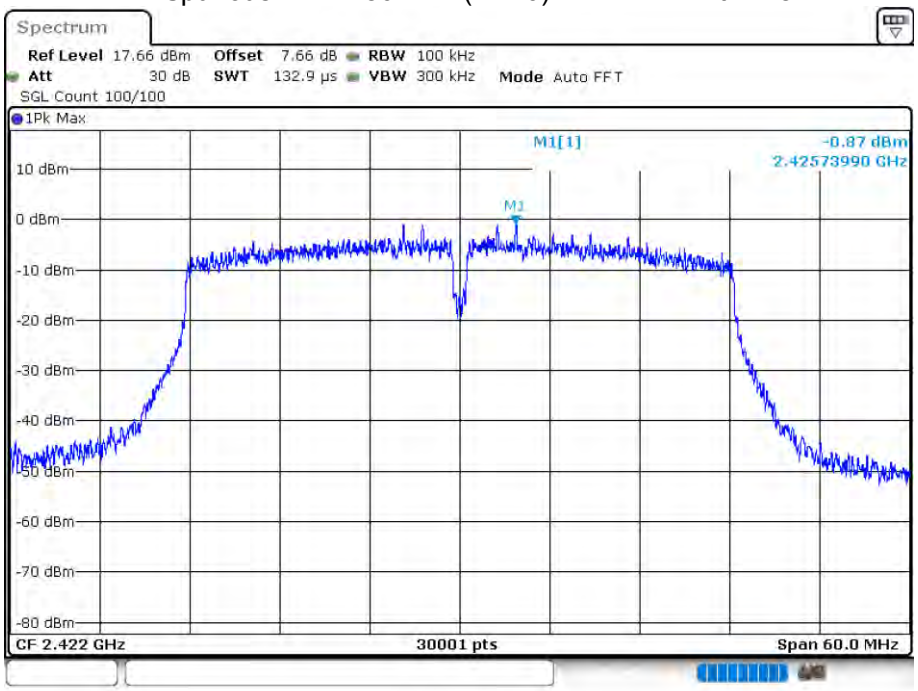
Tx. Spurious NVHT 802.11n(HT40) 2452MHz Ant 1 Ref



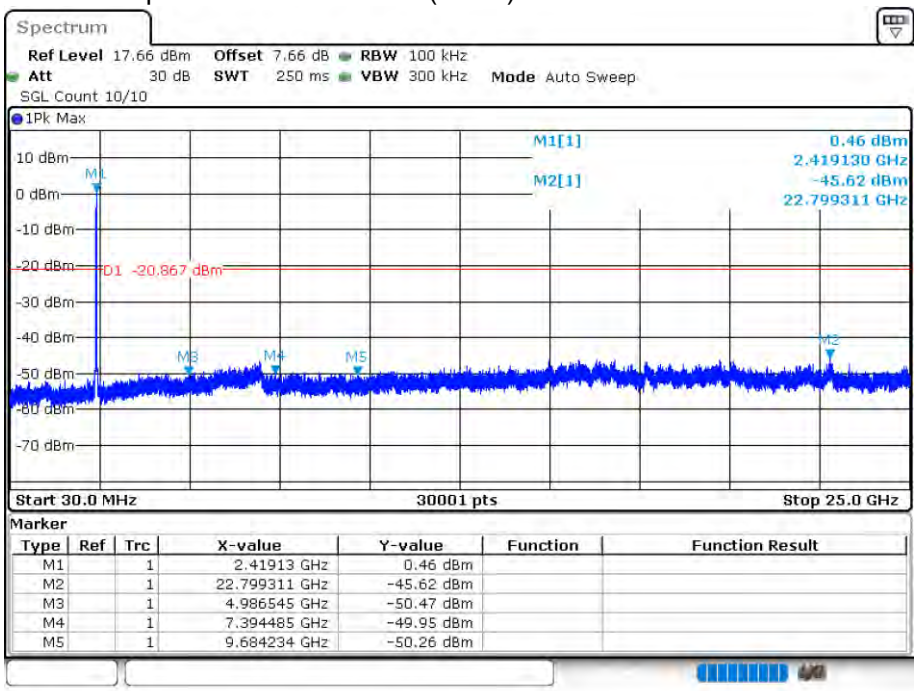
Tx. Spurious NVHT 802.11n(HT40) 2452MHz Ant 1 Emission



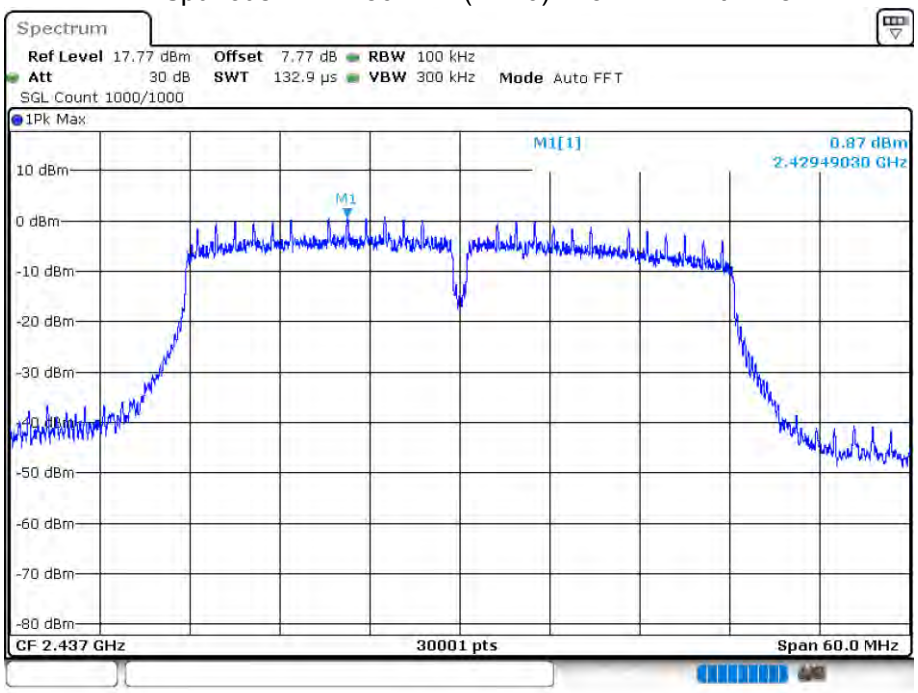
Tx. Spurious NVNT 802.11n(HT40) 2422MHz Ant 2 Ref



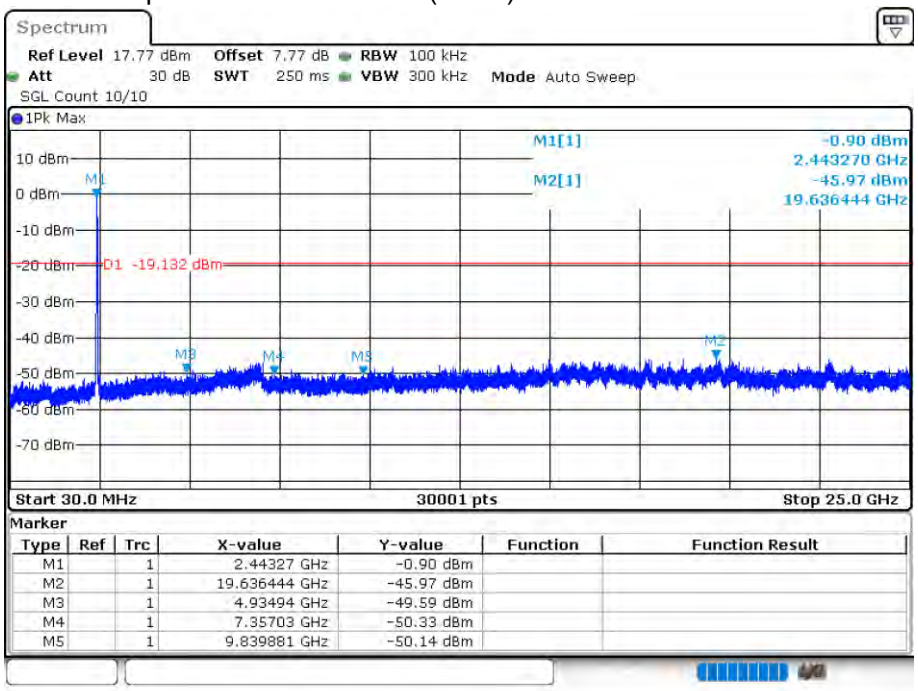
Tx. Spurious NVNT 802.11n(HT40) 2422MHz Ant 2 Emission



Tx. Spurious NVNT 802.11n(HT40) 2437MHz Ant 2 Ref



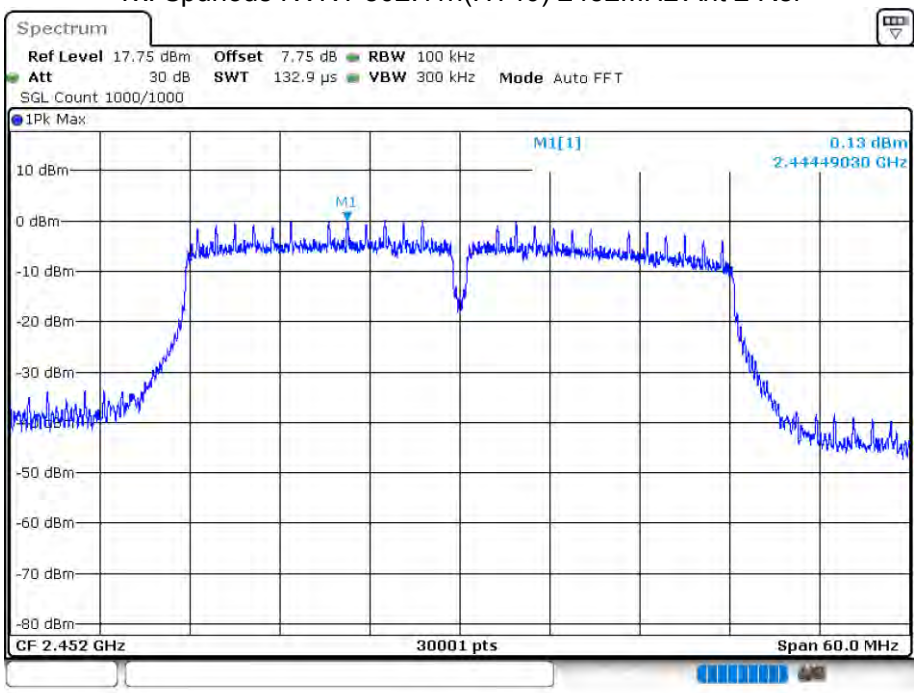
Tx. Spurious NVNT 802.11n(HT40) 2437MHz Ant 2 Emission



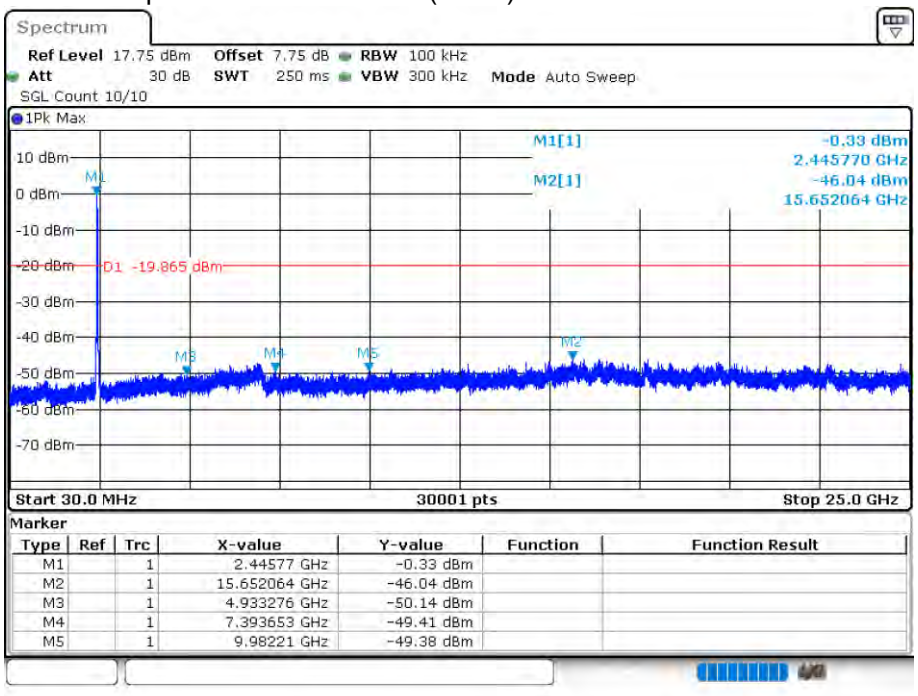
Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.44327 GHz	-0.90 dBm		
M2		1	19.636444 GHz	-45.97 dBm		
M3		1	4.93494 GHz	-49.59 dBm		
M4		1	7.35703 GHz	-50.33 dBm		
M5		1	9.839881 GHz	-50.14 dBm		

Tx. Spurious NVNT 802.11n(HT40) 2452MHz Ant 2 Ref



Tx. Spurious NVNT 802.11n(HT40) 2452MHz Ant 2 Emission



Marker

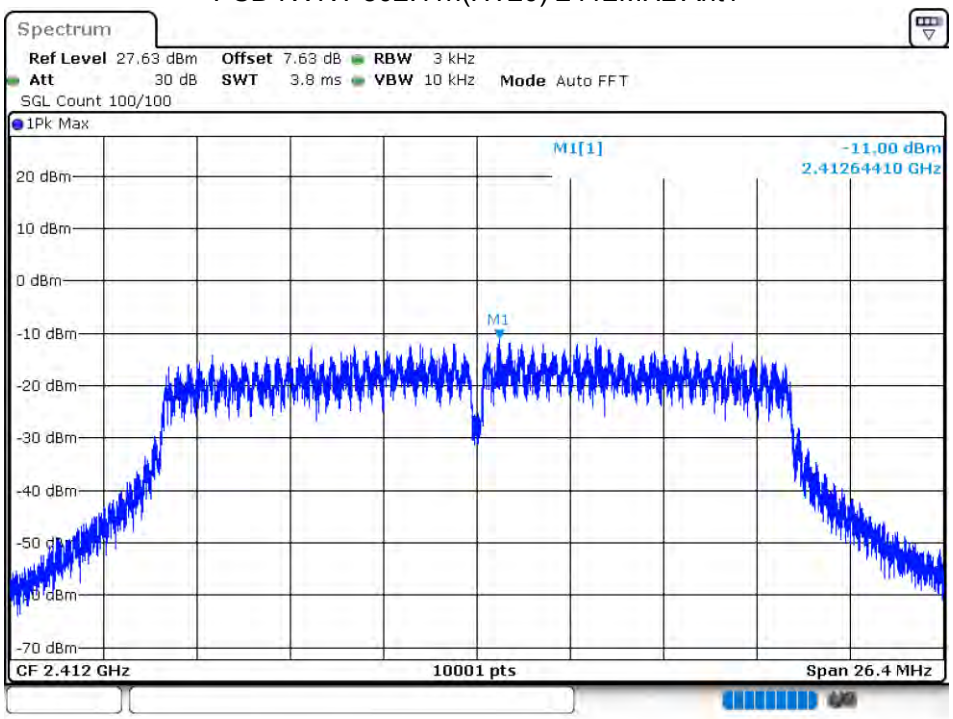
Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.44577 GHz	-0.33 dBm		
M2		1	15.652064 GHz	-46.04 dBm		
M3		1	4.933276 GHz	-50.14 dBm		
M4		1	7.393653 GHz	-49.41 dBm		
M5		1	9.98221 GHz	-49.38 dBm		

MIMO:

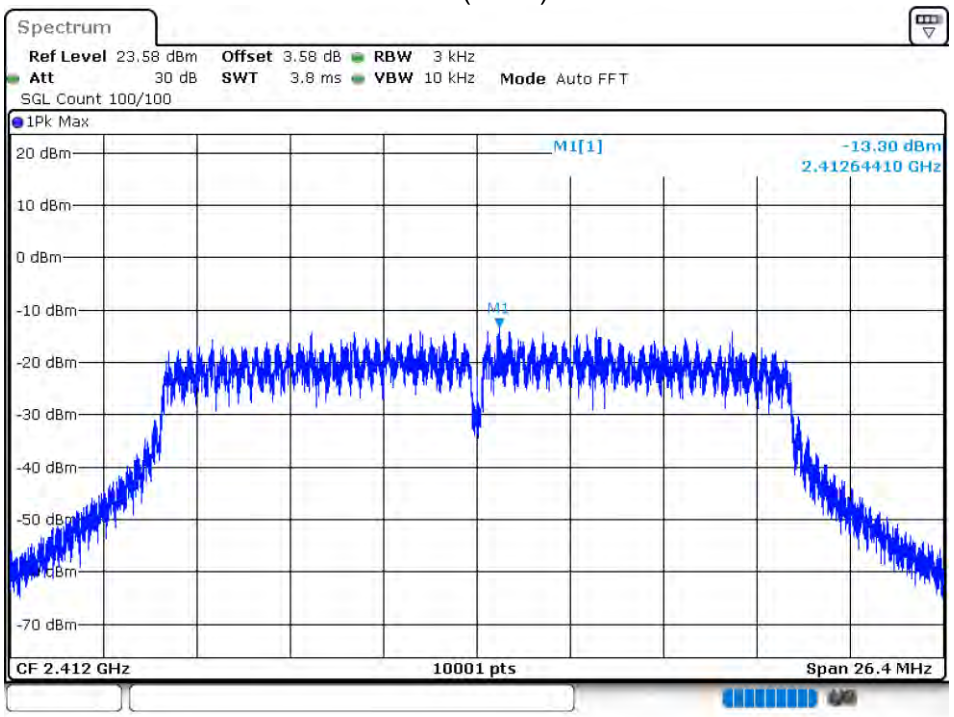
8.6 MAXIMUM POWER SPECTRAL DENSITY LEVEL

Condition	Mode	Frequency (MHz)	Antenna	Max PSD (dBm/3kHz)	Limit (dBm/3kHz)	Verdict
NVNT	802.11n(HT20)	2412	Ant 1	-10.996	7.67	Pass
NVNT	802.11n(HT20)	2412	Ant 2	-13.297	8	Pass
NVNT	802.11n(HT20)	2412	Total	-8.986	5.11	Pass
NVNT	802.11n(HT20)	2437	Ant 1	-12.089	7.67	Pass
NVNT	802.11n(HT20)	2437	Ant 2	-13.155	8	Pass
NVNT	802.11n(HT20)	2437	Total	-9.579	5.11	Pass
NVNT	802.11n(HT20)	2462	Ant 1	-12.479	7.67	Pass
NVNT	802.11n(HT20)	2462	Ant 2	-12.281	8	Pass
NVNT	802.11n(HT20)	2462	Total	-9.369	5.11	Pass
NVNT	802.11n(HT40)	2422	Ant 1	-13.087	7.67	Pass
NVNT	802.11n(HT40)	2422	Ant 2	-15.313	8	Pass
NVNT	802.11n(HT40)	2422	Total	-11.049	5.11	Pass
NVNT	802.11n(HT40)	2437	Ant 1	-12.894	7.67	Pass
NVNT	802.11n(HT40)	2437	Ant 2	-14.893	8	Pass
NVNT	802.11n(HT40)	2437	Total	-10.769	5.11	Pass
NVNT	802.11n(HT40)	2452	Ant 1	-13.423	7.67	Pass
NVNT	802.11n(HT40)	2452	Ant 2	-13.966	8	Pass
NVNT	802.11n(HT40)	2452	Total	-10.676	5.11	Pass

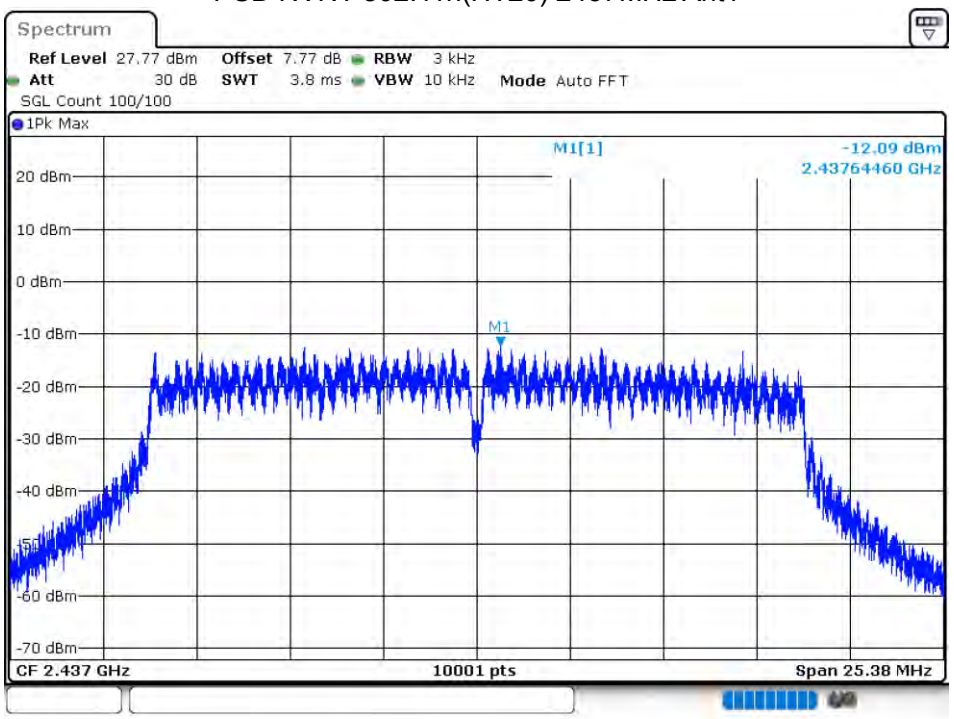
PSD NVNT 802.11n(HT20) 2412MHz Ant1



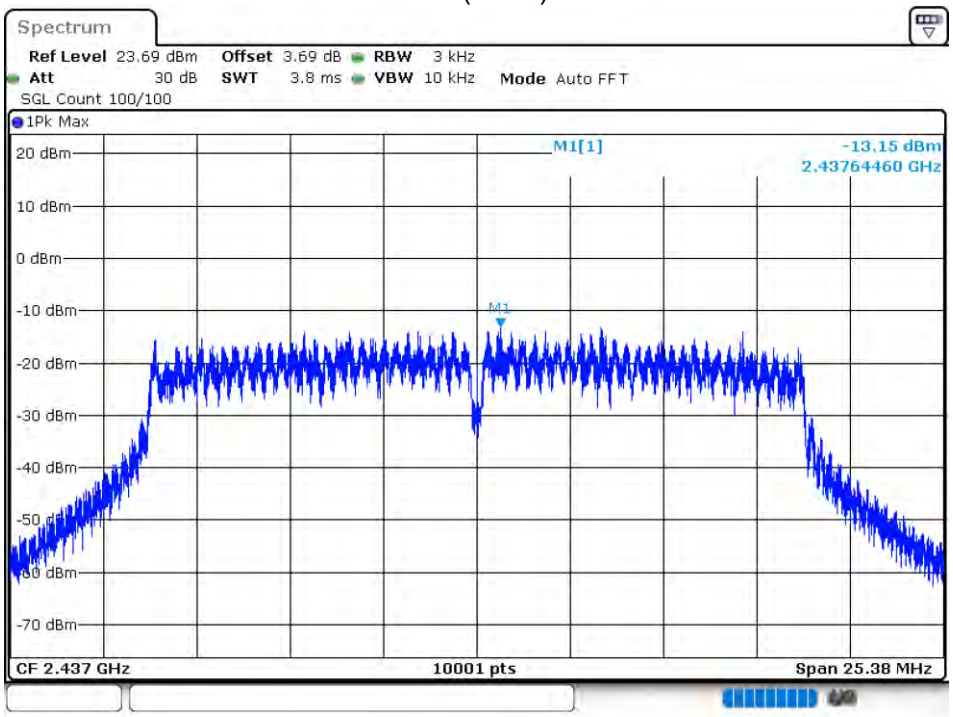
PSD NVNT 802.11n(HT20) 2412MHz Ant2



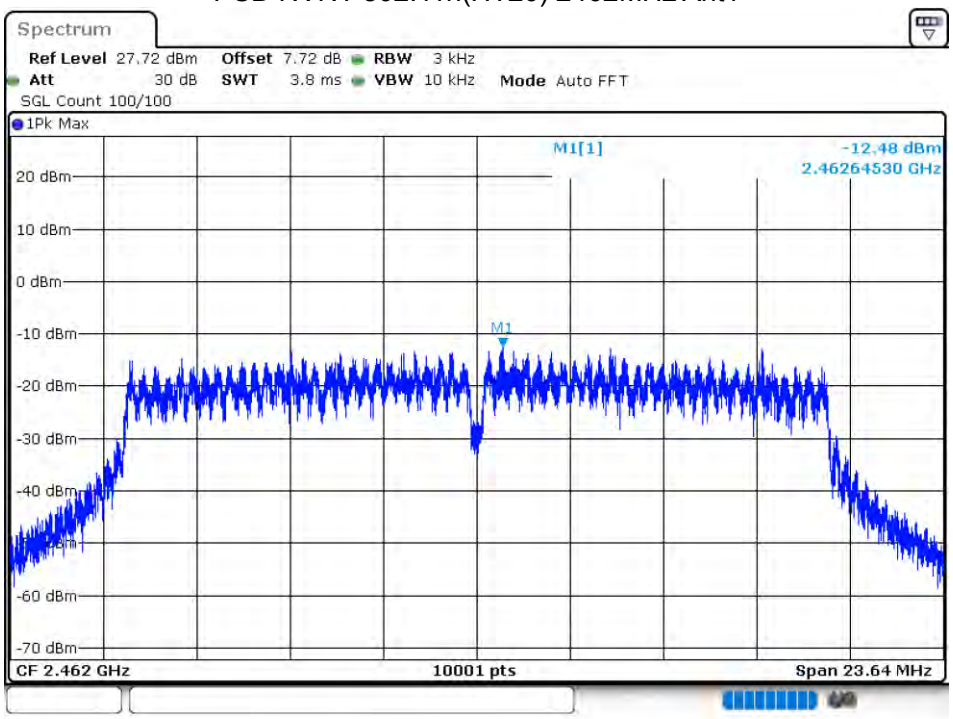
PSD NVNT 802.11n(HT20) 2437MHz Ant1



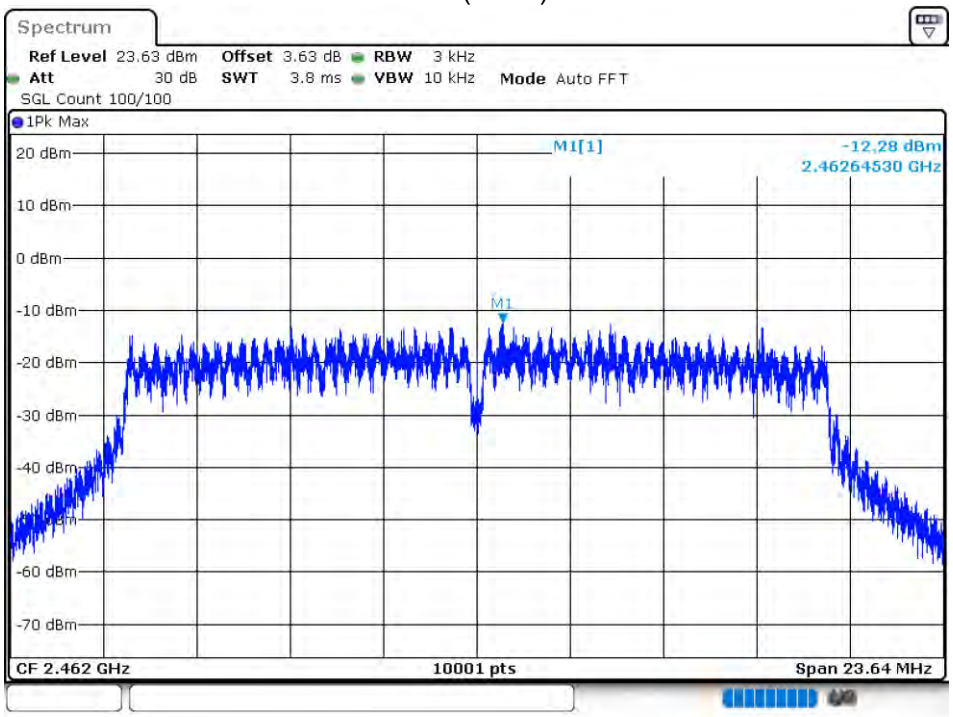
PSD NVNT 802.11n(HT20) 2437MHz Ant2



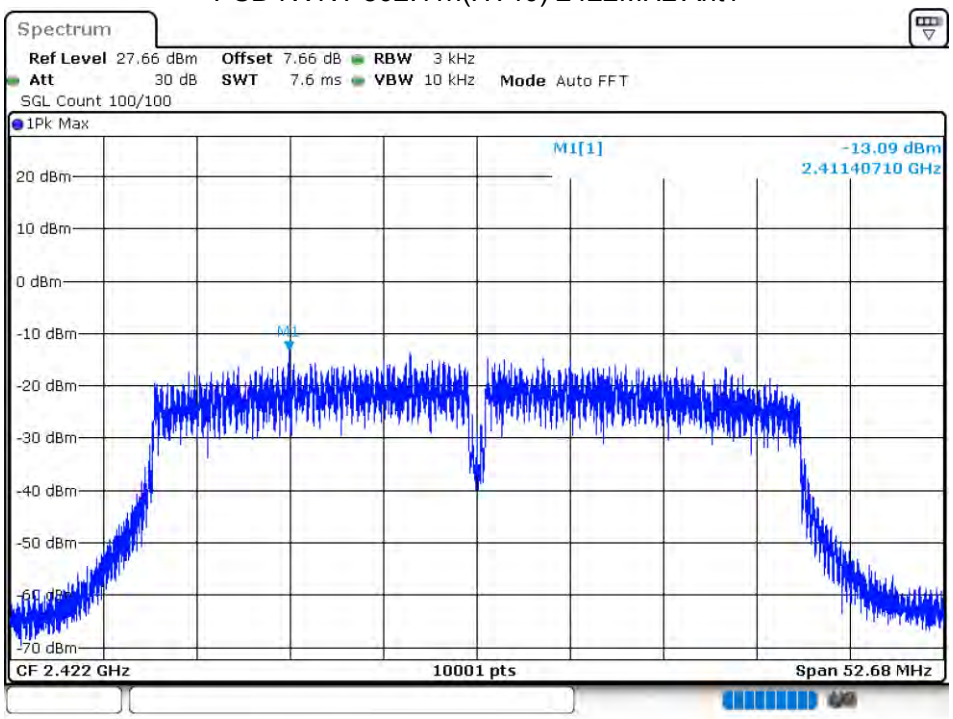
PSD NVNT 802.11n(HT20) 2462MHz Ant1



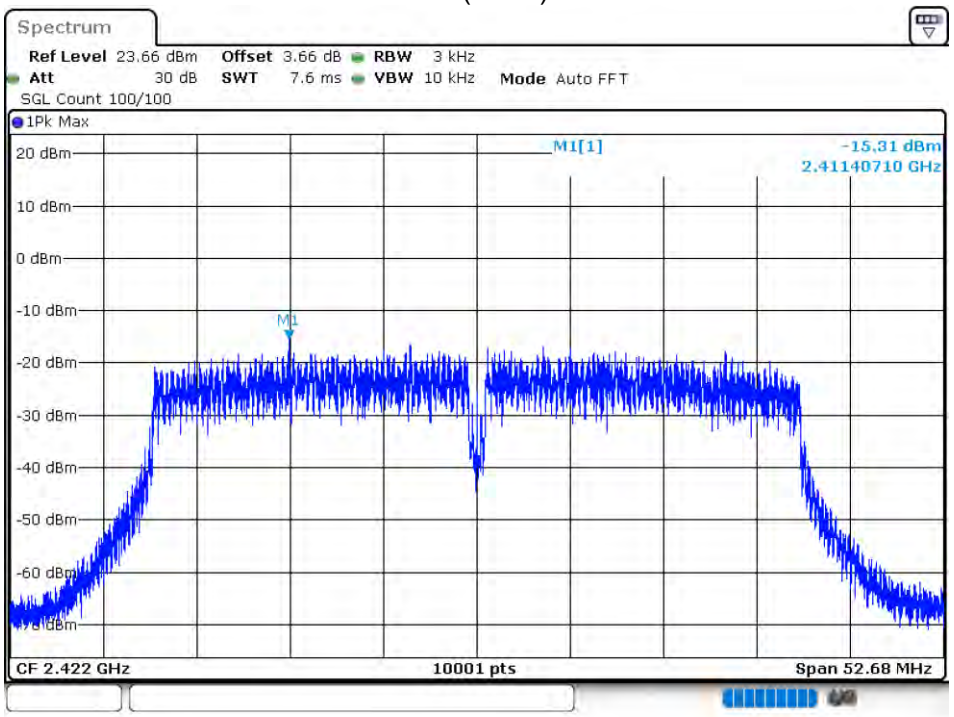
PSD NVNT 802.11n(HT20) 2462MHz Ant2



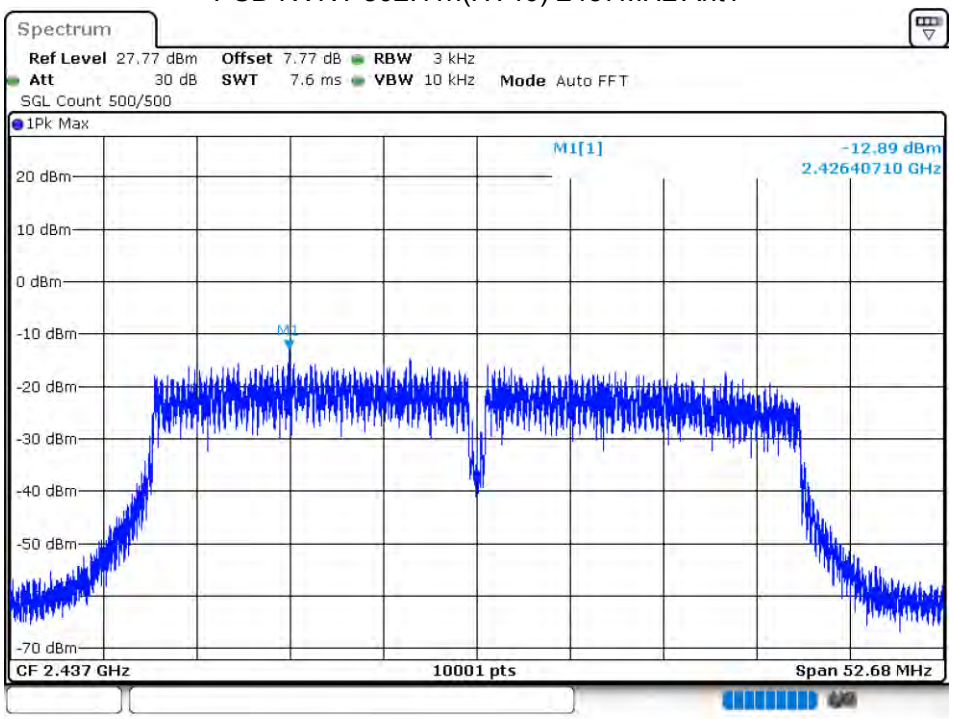
PSD NVNT 802.11n(HT40) 2422MHz Ant1



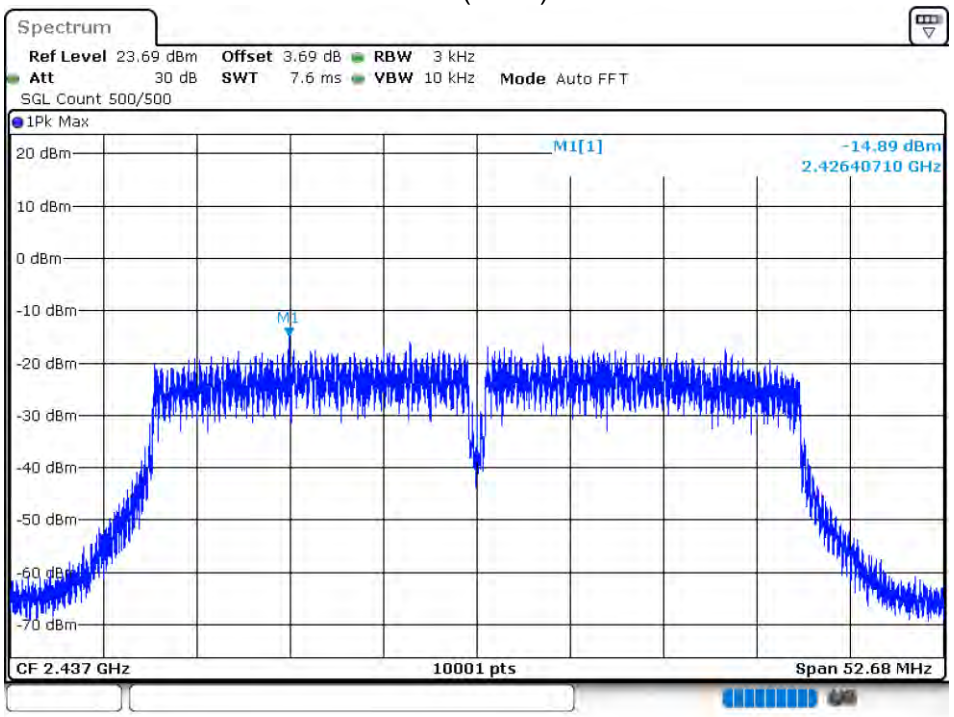
PSD NVNT 802.11n(HT40) 2422MHz Ant2



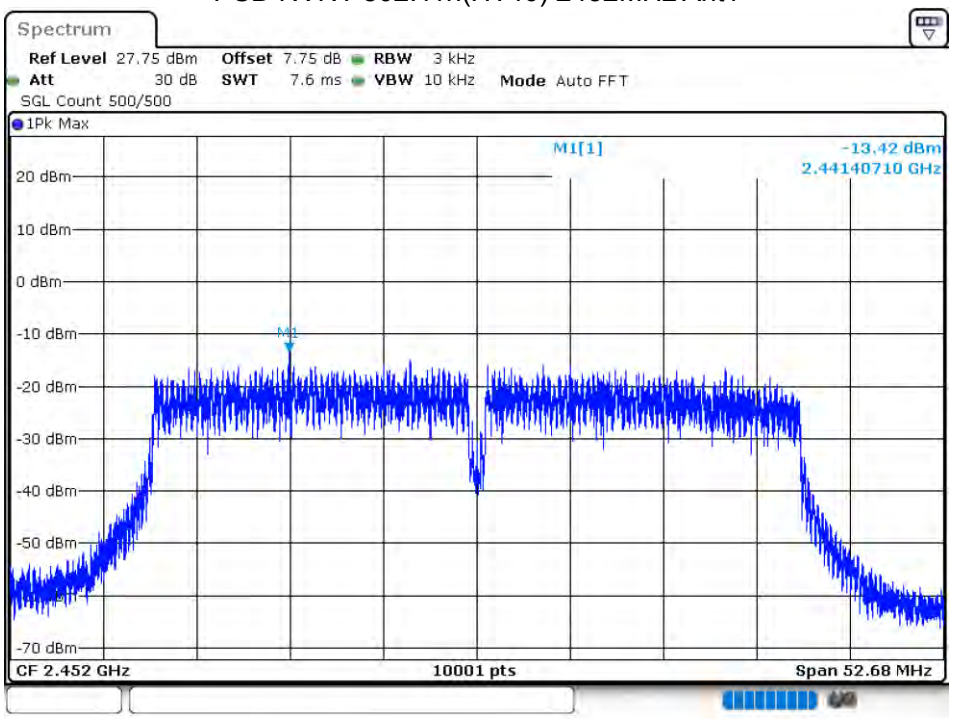
PSD NVNT 802.11n(HT40) 2437MHz Ant1



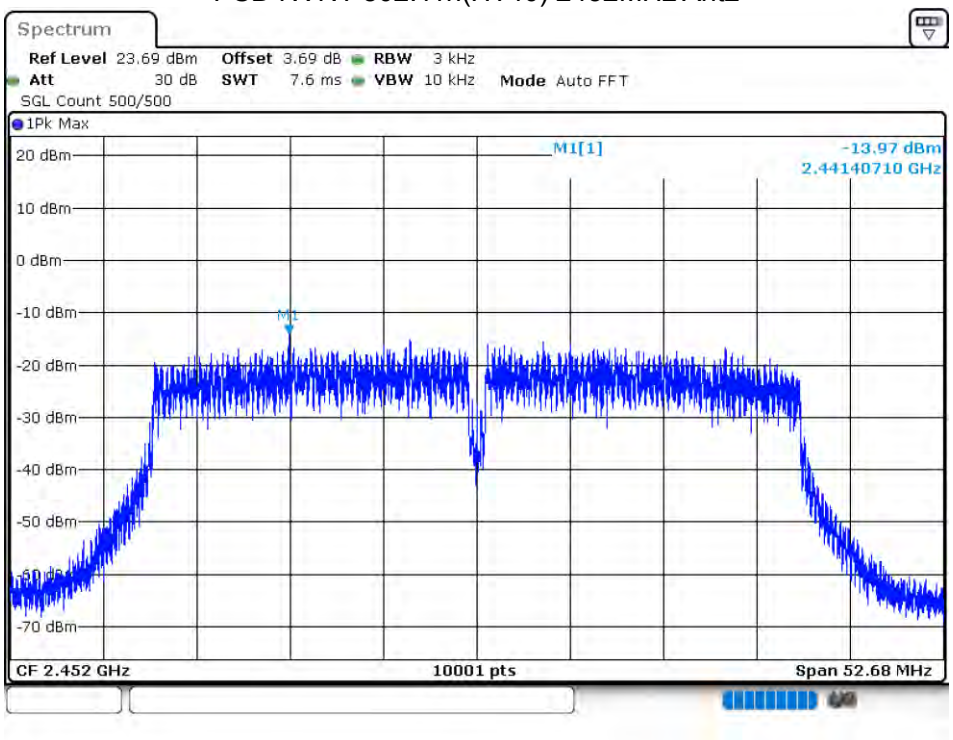
PSD NVNT 802.11n(HT40) 2437MHz Ant2



PSD NVNT 802.11n(HT40) 2452MHz Ant1



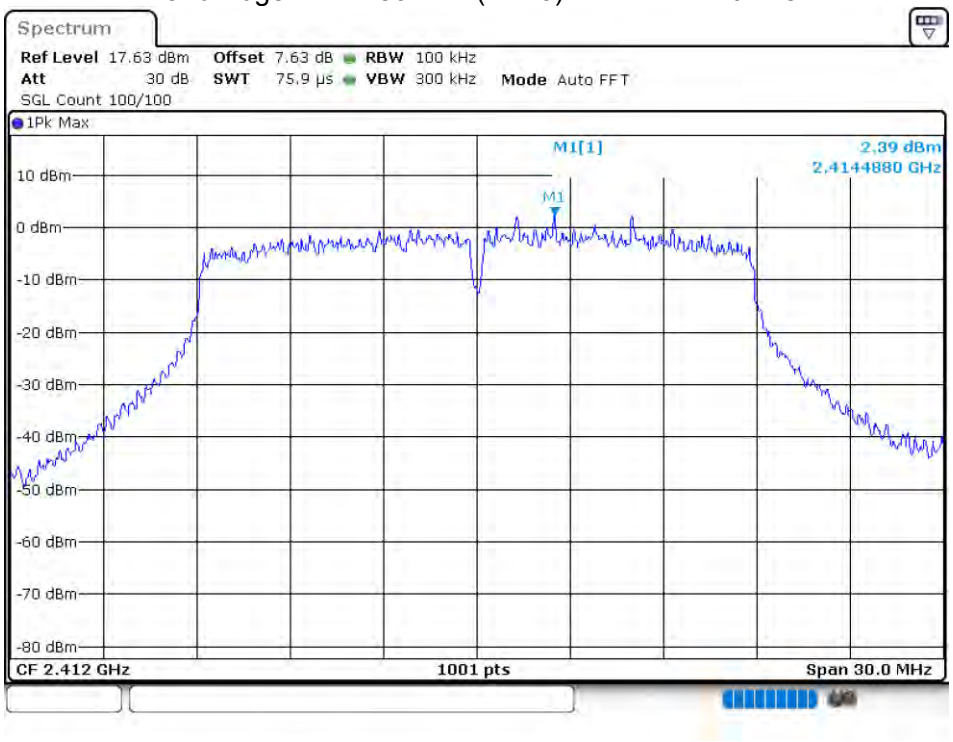
PSD NVNT 802.11n(HT40) 2452MHz Ant2



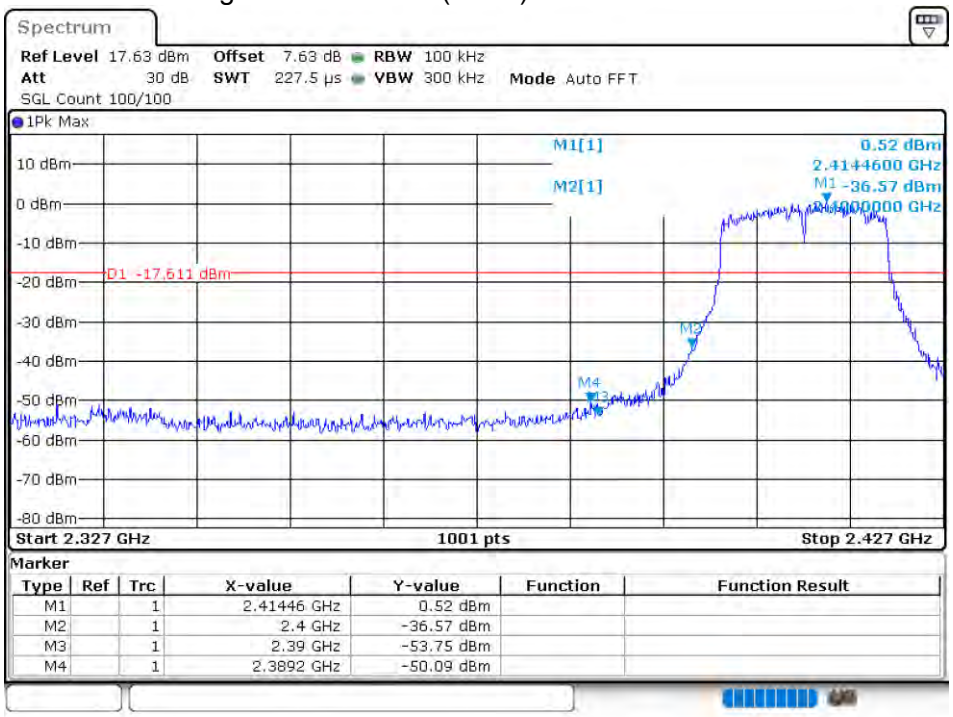
8.7 BAND EDGE

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	802.11n(HT20)	2412	Ant 1	-52.48	-20	Pass
NVNT	802.11n(HT20)	2412	Ant 2	-54.62	-20	Pass
NVNT	802.11n(HT20)	2462	Ant 1	-50.02	-20	Pass
NVNT	802.11n(HT20)	2462	Ant 2	-53.47	-20	Pass
NVNT	802.11n(HT40)	2422	Ant 1	-47.22	-20	Pass
NVNT	802.11n(HT40)	2422	Ant 2	-45.21	-20	Pass
NVNT	802.11n(HT40)	2452	Ant 1	-45.4	-20	Pass
NVNT	802.11n(HT40)	2452	Ant 2	-48.43	-20	Pass

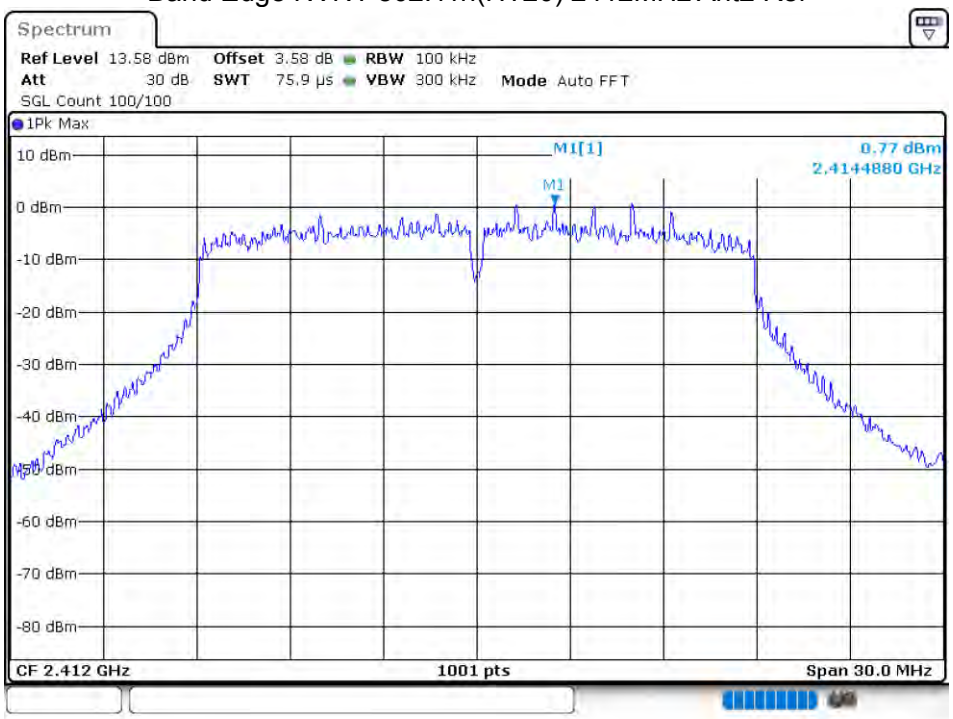
Band Edge NVNT 802.11n(HT20) 2412MHz Ant1 Ref



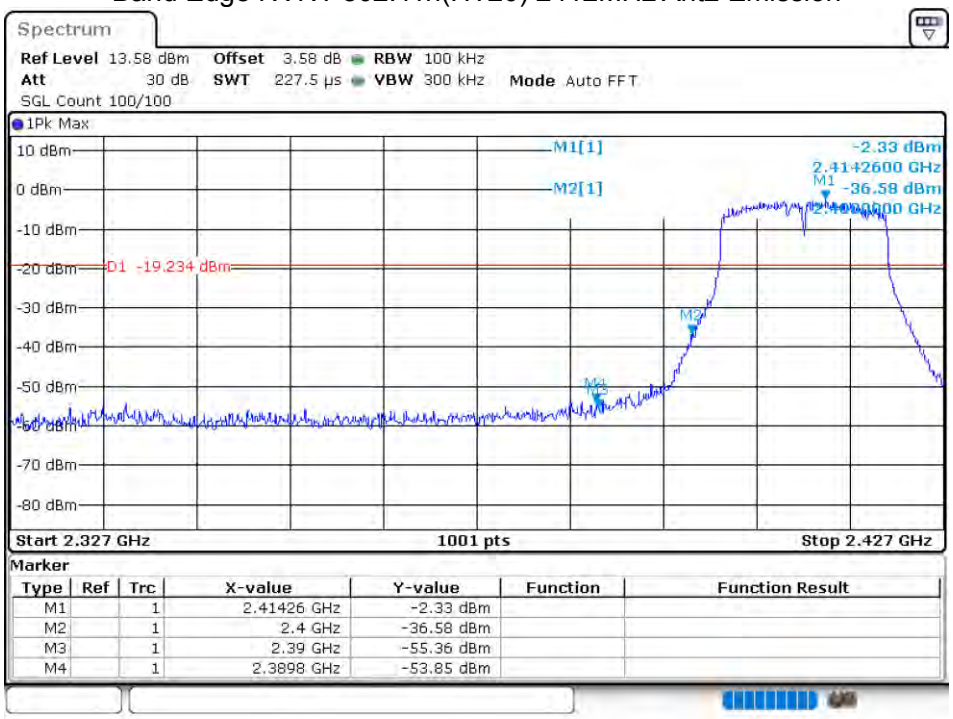
Band Edge NVNT 802.11n(HT20) 2412MHz Ant1 Emission



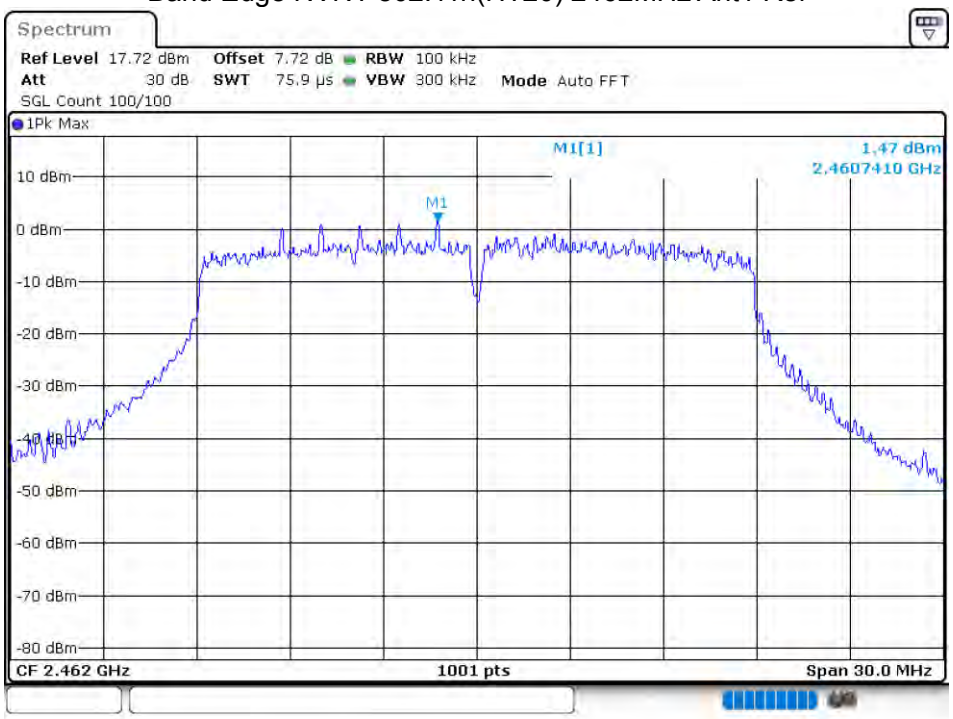
Band Edge NVNT 802.11n(HT20) 2412MHz Ant2 Ref



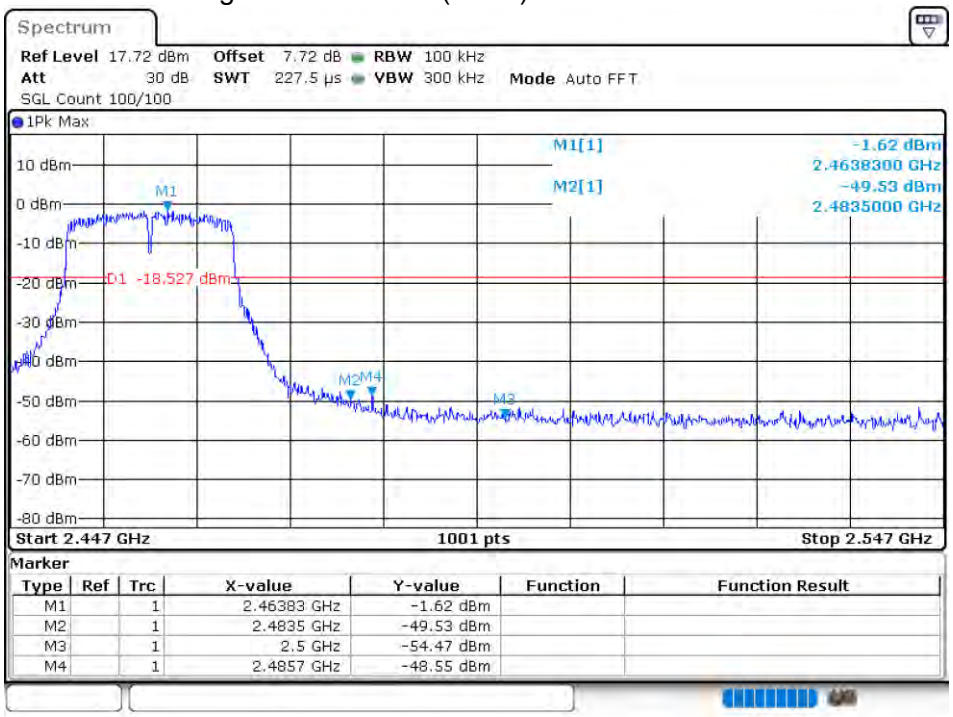
Band Edge NVNT 802.11n(HT20) 2412MHz Ant2 Emission



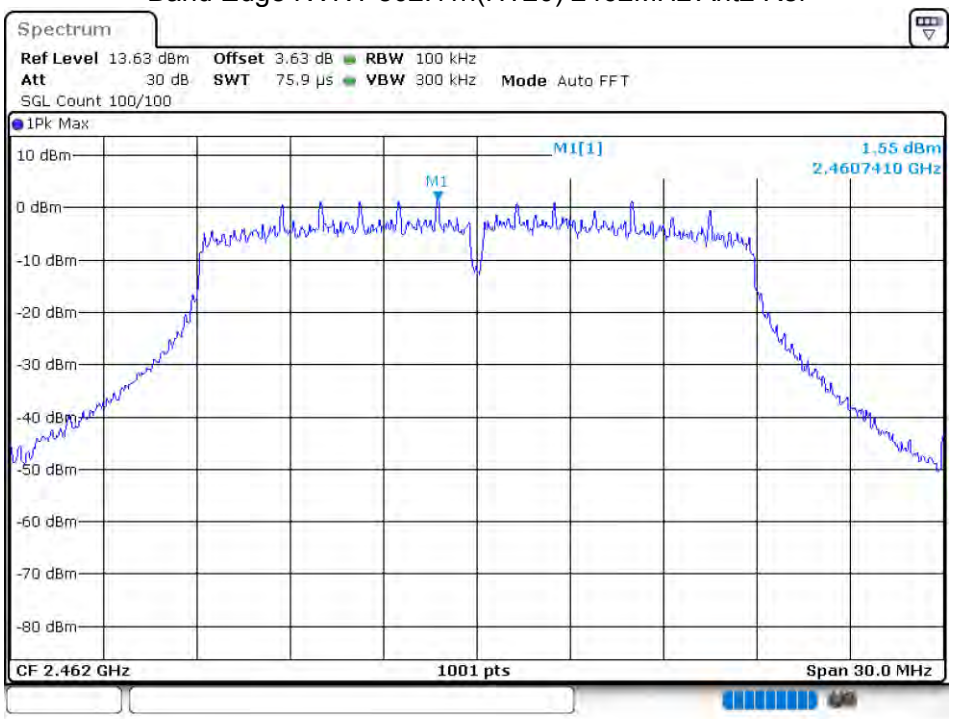
Band Edge NVNT 802.11n(HT20) 2462MHz Ant1 Ref



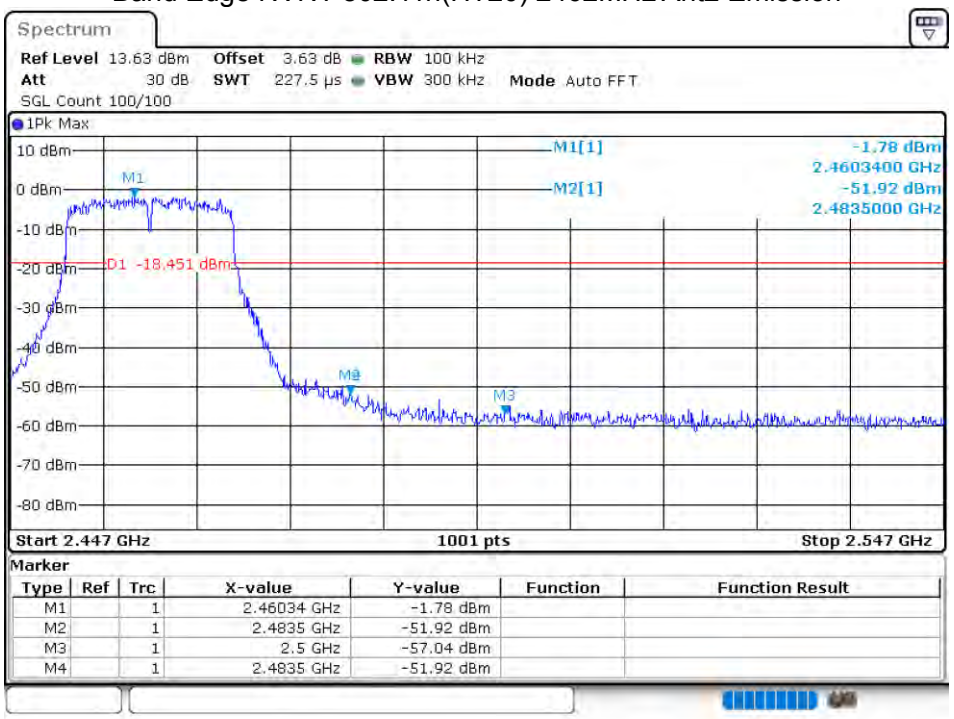
Band Edge NVNT 802.11n(HT20) 2462MHz Ant1 Emission



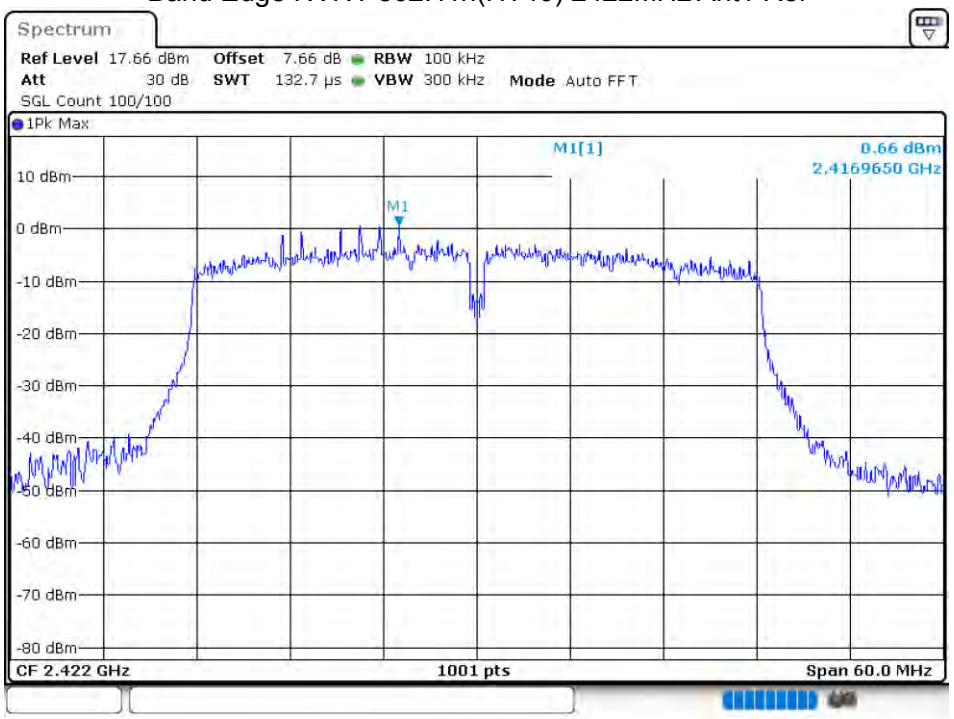
Band Edge NVNT 802.11n(HT20) 2462MHz Ant2 Ref



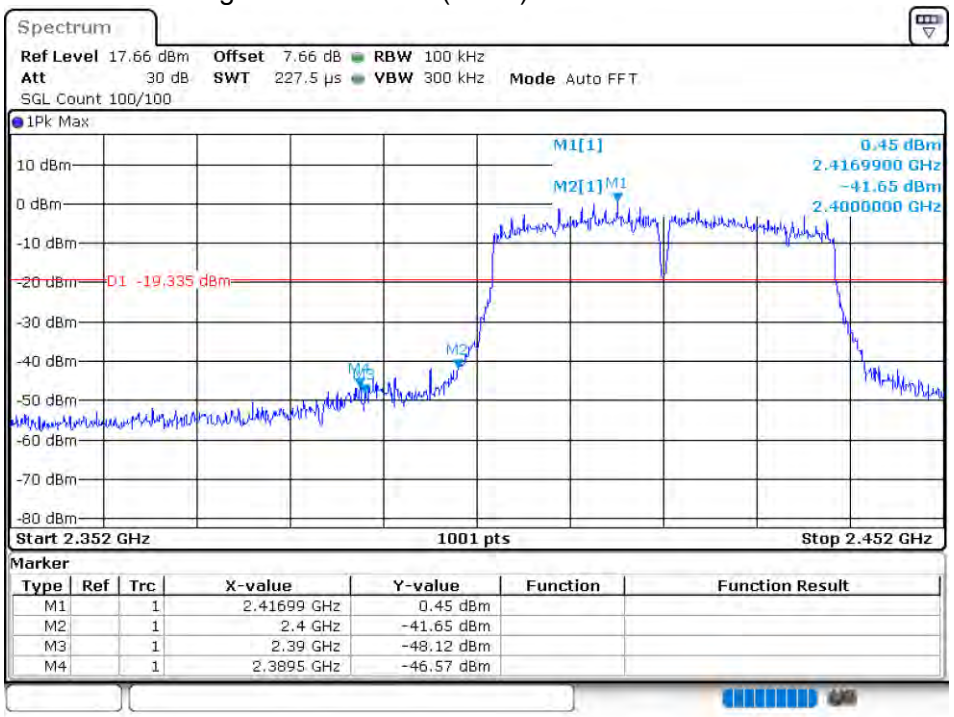
Band Edge NVNT 802.11n(HT20) 2462MHz Ant2 Emission



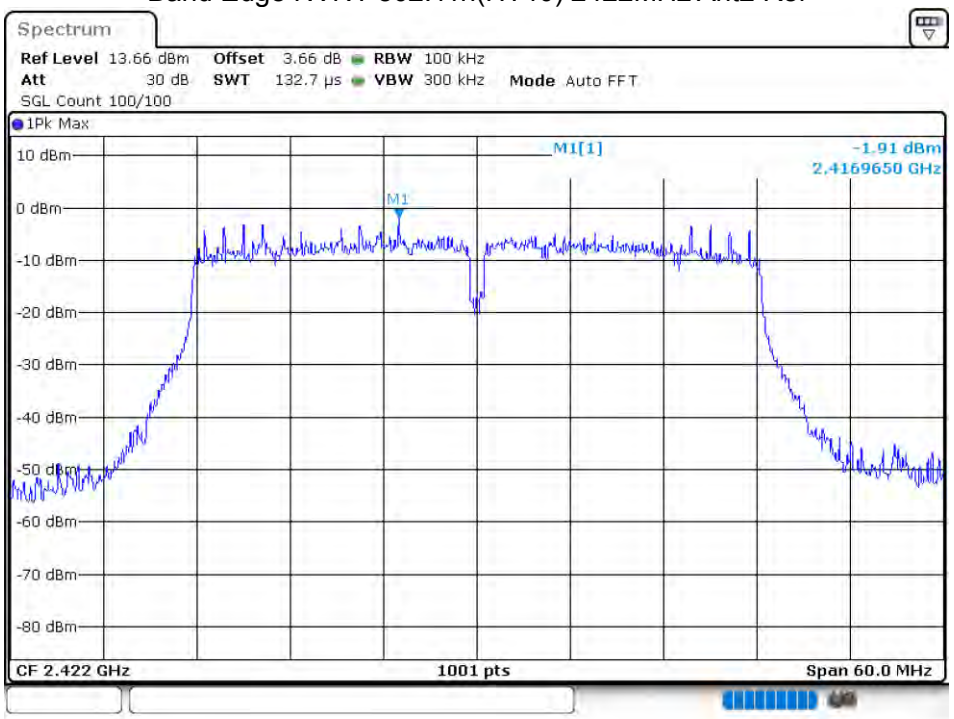
Band Edge NVNT 802.11n(HT40) 2422MHz Ant1 Ref



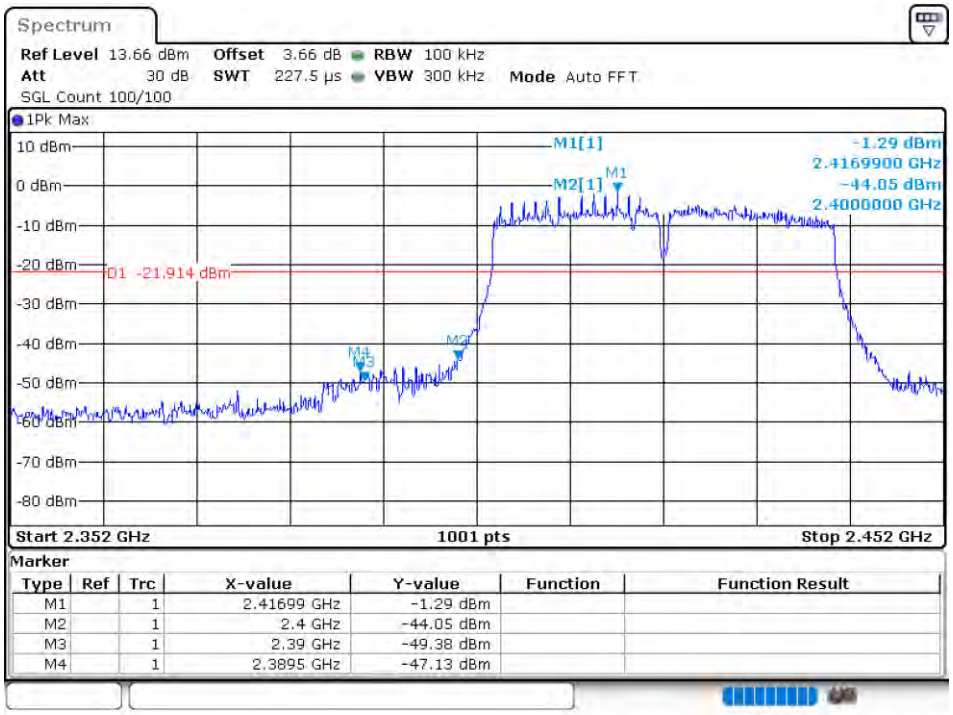
Band Edge NVNT 802.11n(HT40) 2422MHz Ant1 Emission



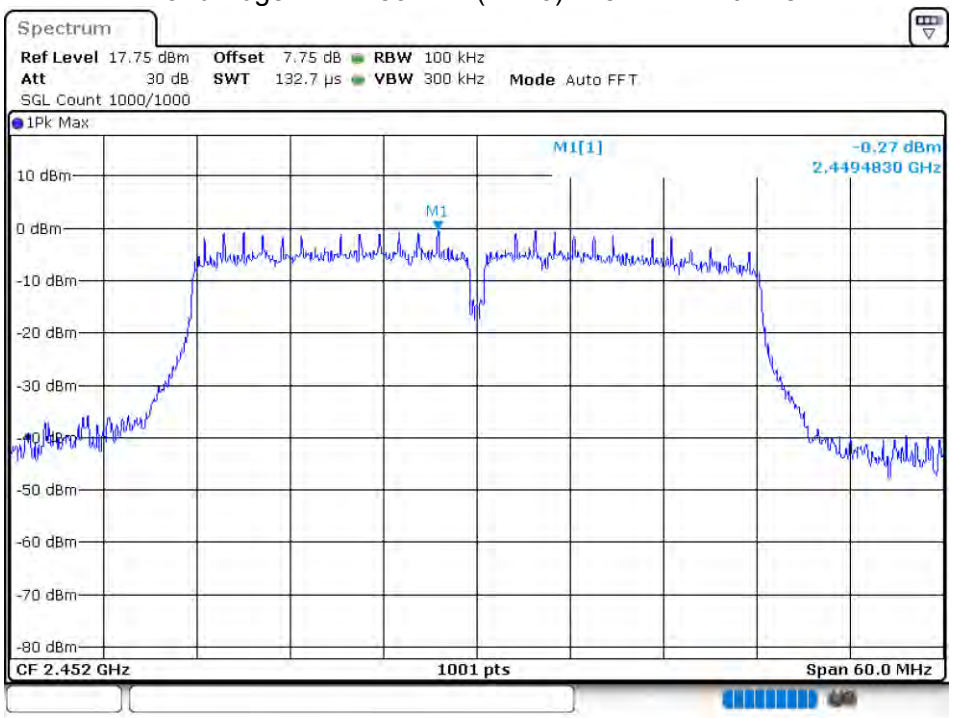
Band Edge NVNT 802.11n(HT40) 2422MHz Ant2 Ref



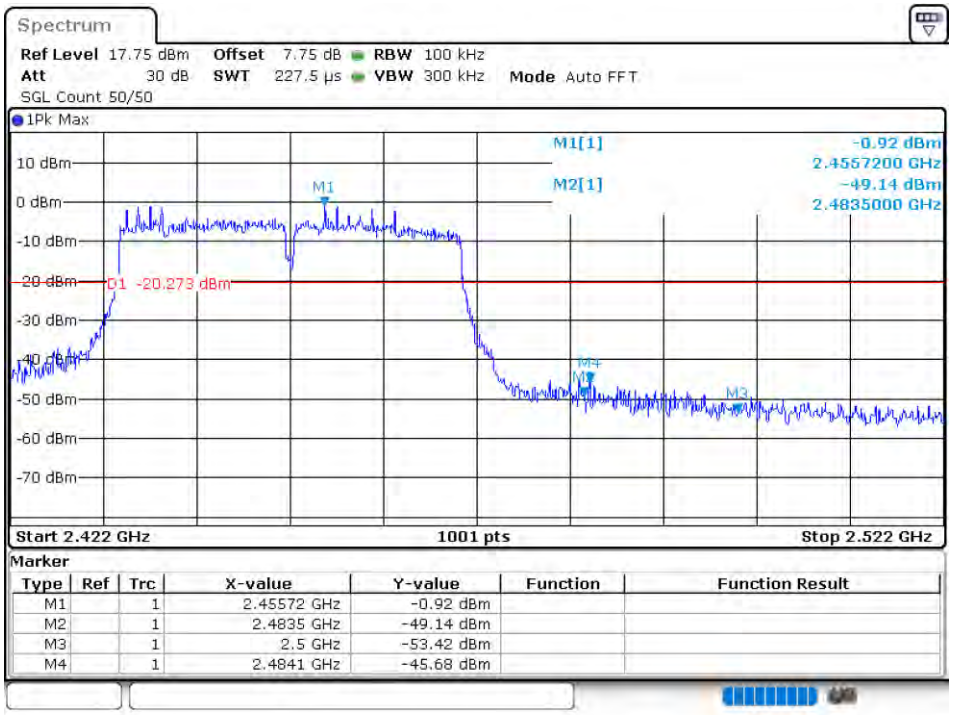
Band Edge NVNT 802.11n(HT40) 2422MHz Ant2 Emission



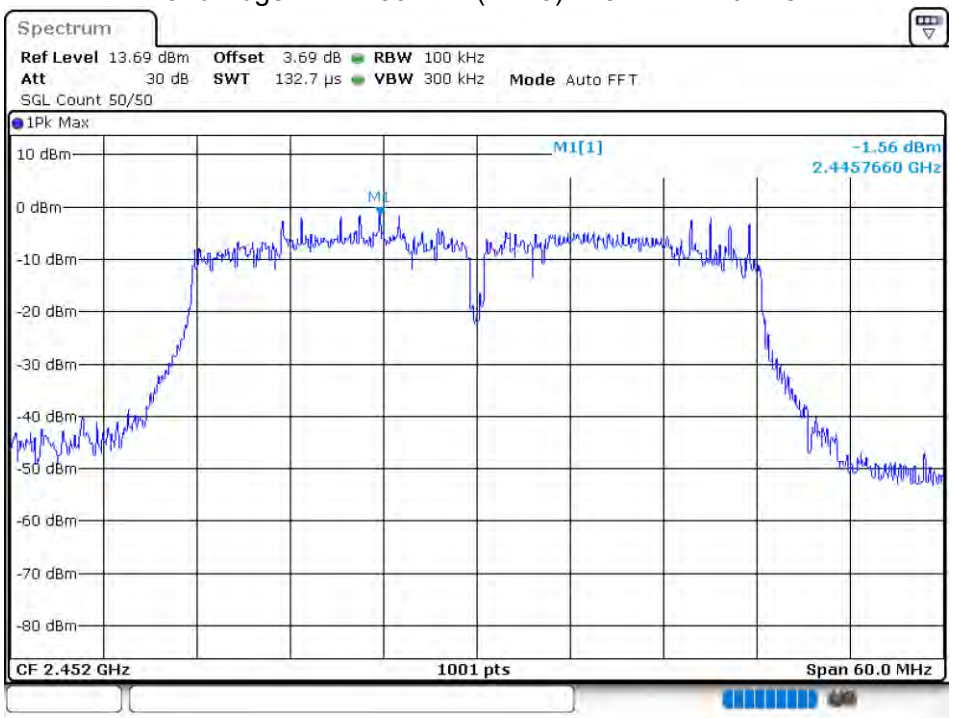
Band Edge NVNT 802.11n(HT40) 2452MHz Ant1 Ref



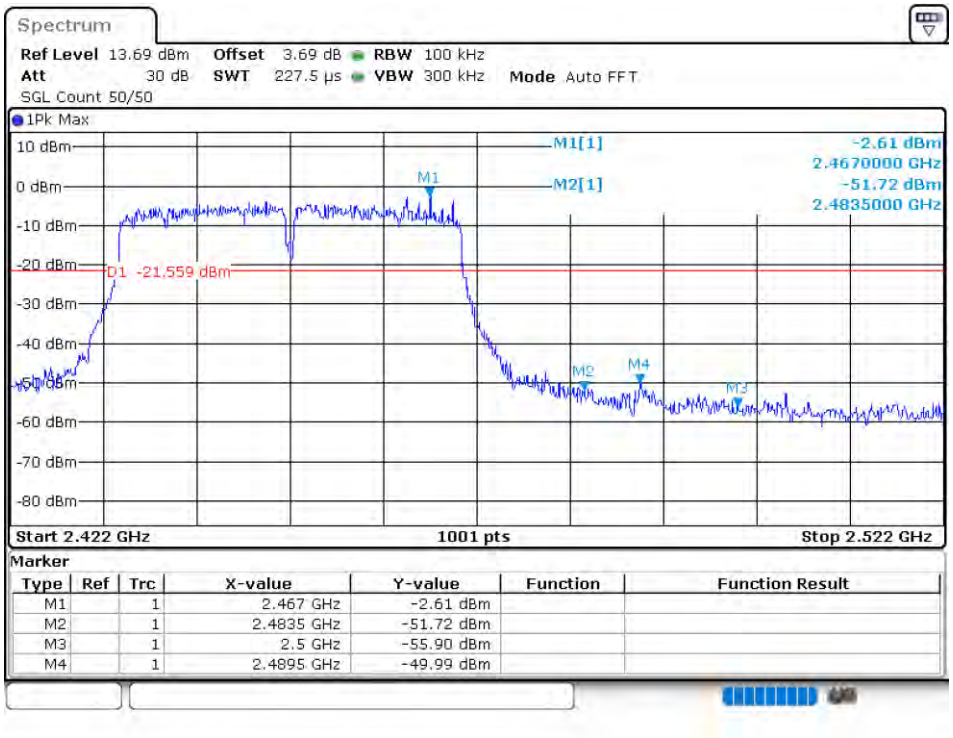
Band Edge NVNT 802.11n(HT40) 2452MHz Ant1 Emission



Band Edge NVNT 802.11n(HT40) 2452MHz Ant2 Ref



Band Edge NVNT 802.11n(HT40) 2452MHz Ant2 Emission



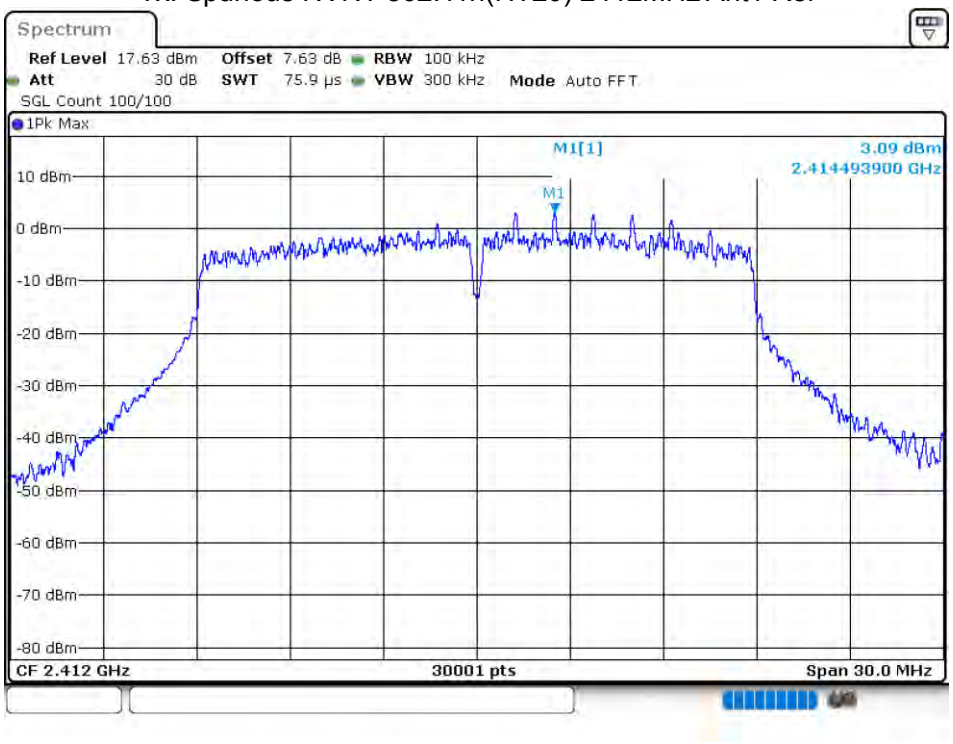
Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.467 GHz	-2.61 dBm		
M2		1	2.4835 GHz	-51.72 dBm		
M3		1	2.5 GHz	-55.90 dBm		
M4		1	2.4895 GHz	-49.99 dBm		

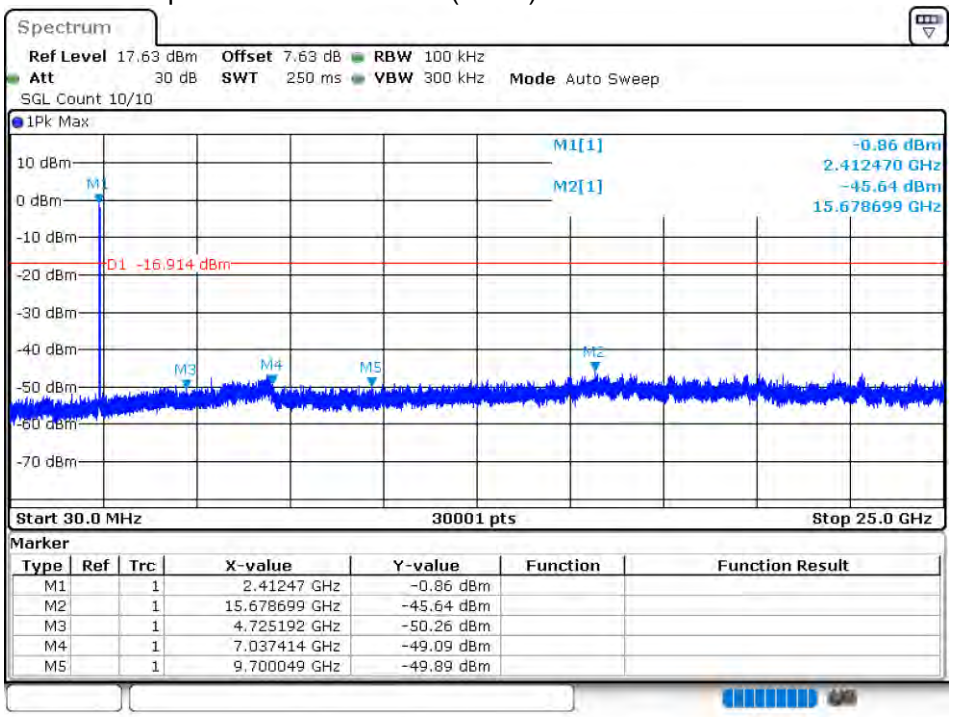
8.8 CONDUCTED RF SPURIOUS EMISSION

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	802.11n(HT20)	2412	Ant 1	-48.73	-20	Pass
NVNT	802.11n(HT20)	2412	Ant 2	-46.8	-20	Pass
NVNT	802.11n(HT20)	2437	Ant 1	-46.07	-20	Pass
NVNT	802.11n(HT20)	2437	Ant 2	-47.25	-20	Pass
NVNT	802.11n(HT20)	2462	Ant 1	-43.9	-20	Pass
NVNT	802.11n(HT20)	2462	Ant 2	-48.14	-20	Pass
NVNT	802.11n(HT40)	2422	Ant 1	-47	-20	Pass
NVNT	802.11n(HT40)	2422	Ant 2	-43.73	-20	Pass
NVNT	802.11n(HT40)	2437	Ant 1	-45.85	-20	Pass
NVNT	802.11n(HT40)	2437	Ant 2	-45.25	-20	Pass
NVNT	802.11n(HT40)	2452	Ant 1	-45.46	-20	Pass
NVNT	802.11n(HT40)	2452	Ant 2	-48.79	-20	Pass

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



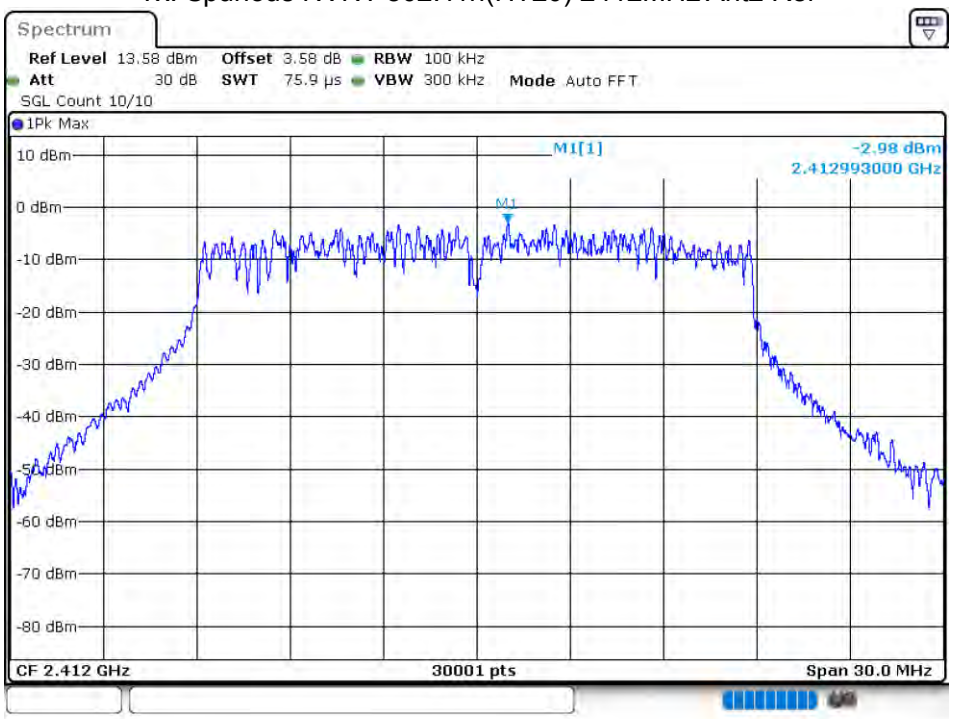
Tx. Spurious NVNT 802.11n(HT20) 2412MHz Ant1 Emission



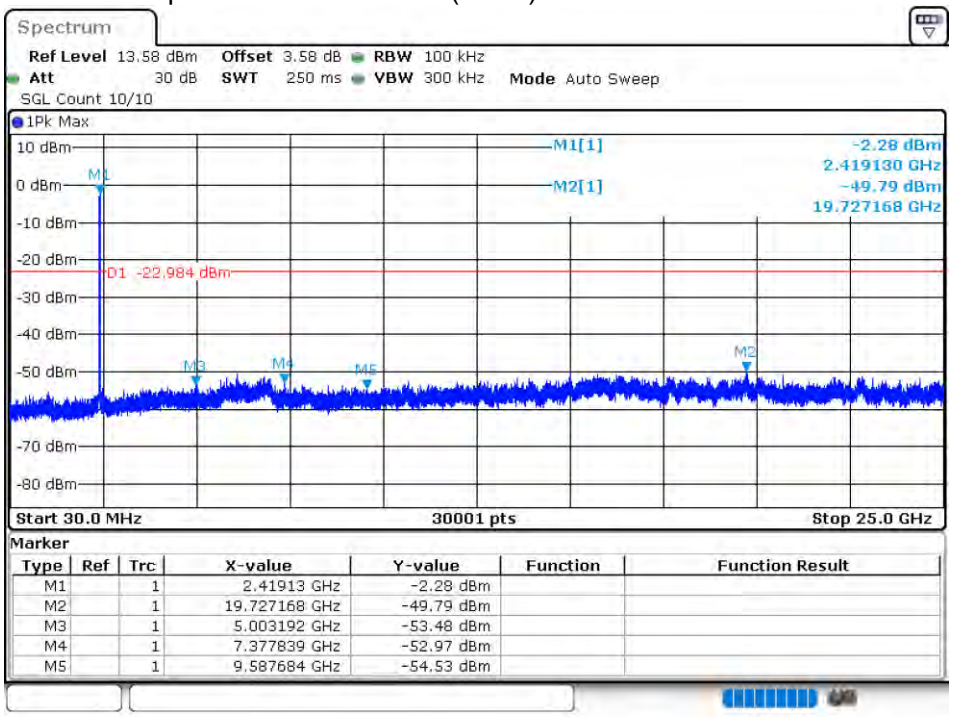
Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.41247 GHz	-0.86 dBm		
M2		1	15.678699 GHz	-45.64 dBm		
M3		1	4.725192 GHz	-50.26 dBm		
M4		1	7.037414 GHz	-49.09 dBm		
M5		1	9.700049 GHz	-49.89 dBm		

Tx. Spurious NVNT 802.11n(HT20) 2412MHz Ant2 Ref



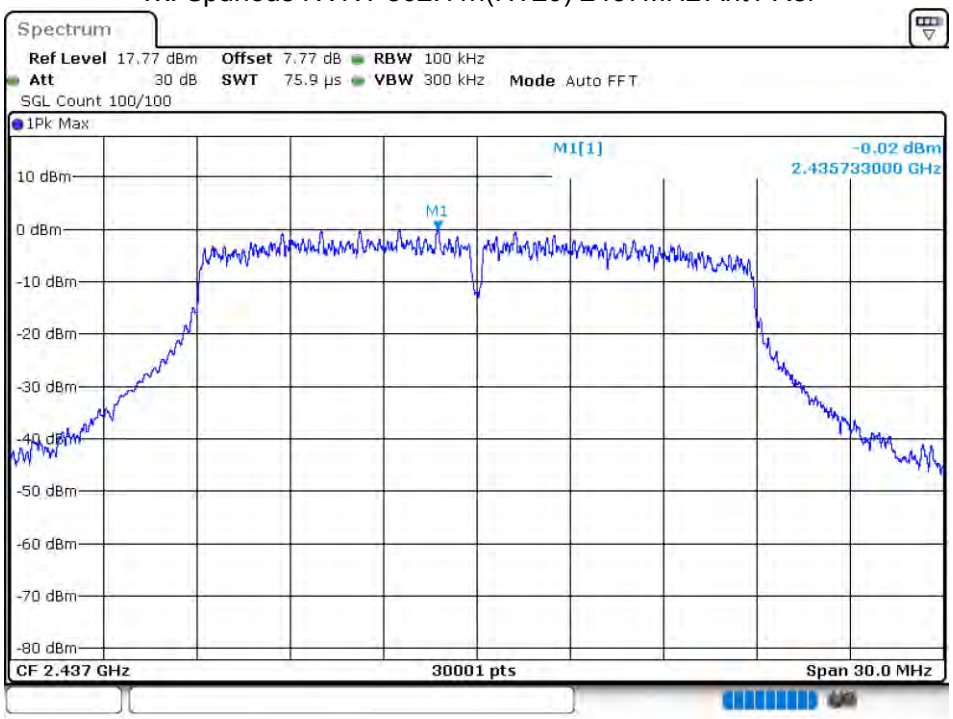
Tx. Spurious NVNT 802.11n(HT20) 2412MHz Ant2 Emission



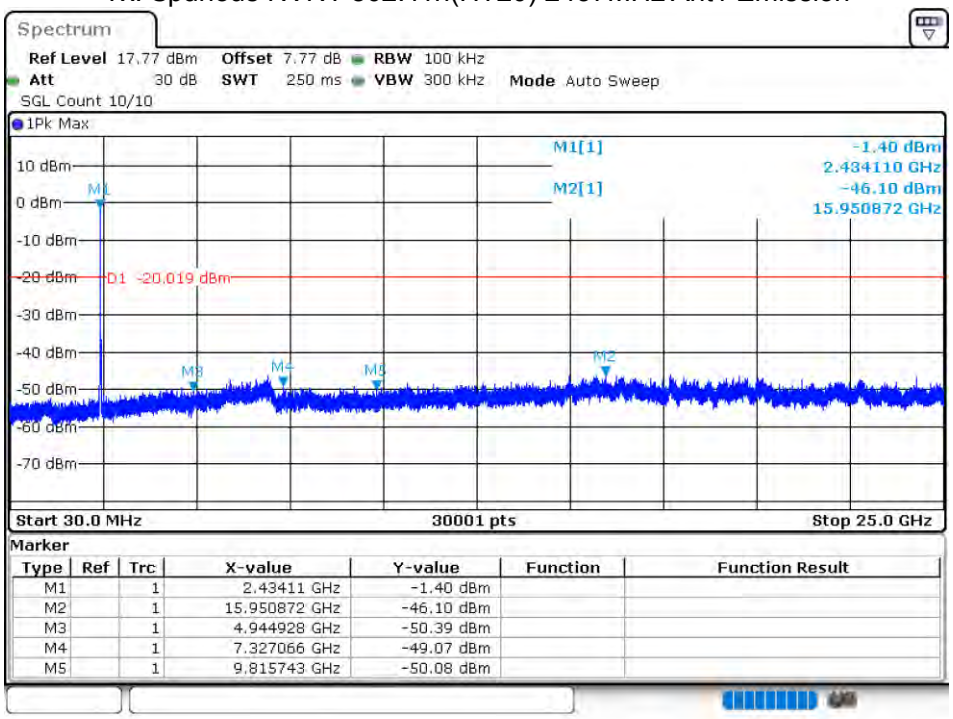
Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.41913 GHz	-2.28 dBm		
M2		1	19.727168 GHz	-49.79 dBm		
M3		1	5.003192 GHz	-53.48 dBm		
M4		1	7.377839 GHz	-52.97 dBm		
M5		1	9.587684 GHz	-54.53 dBm		

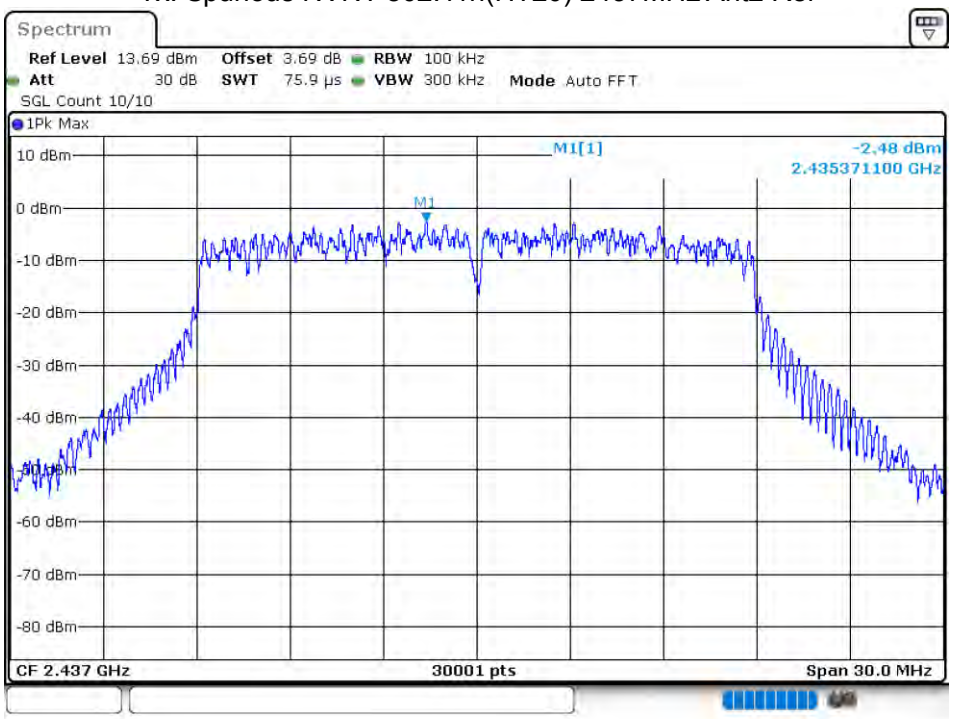
Tx. Spurious NVNT 802.11n(HT20) 2437MHz Ant1 Ref



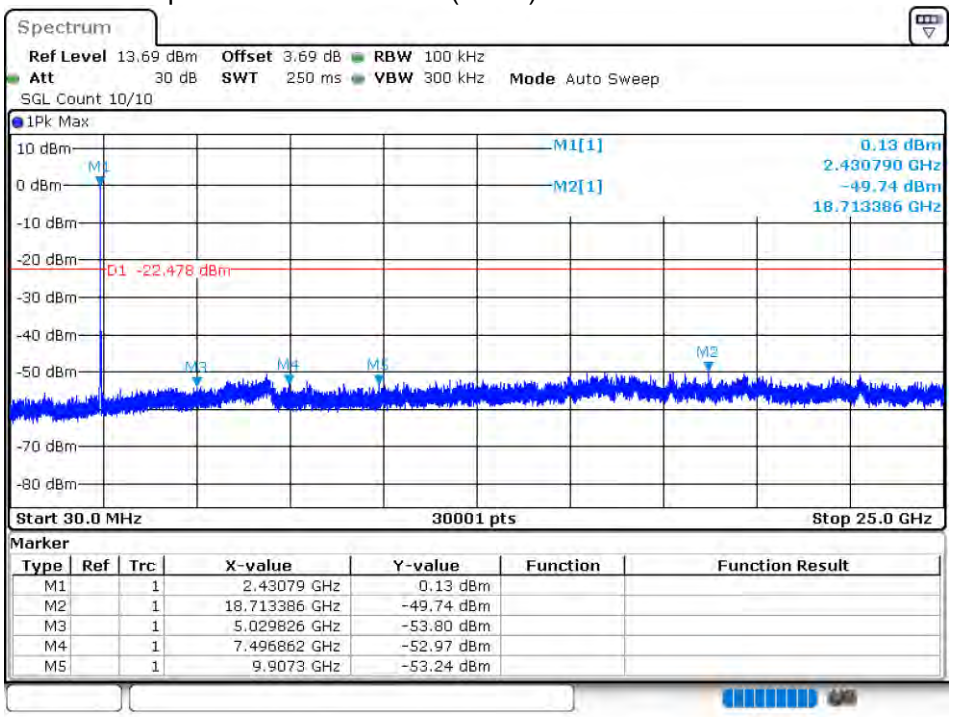
Tx. Spurious NVNT 802.11n(HT20) 2437MHz Ant1 Emission



Tx. Spurious NVNT 802.11n(HT20) 2437MHz Ant2 Ref



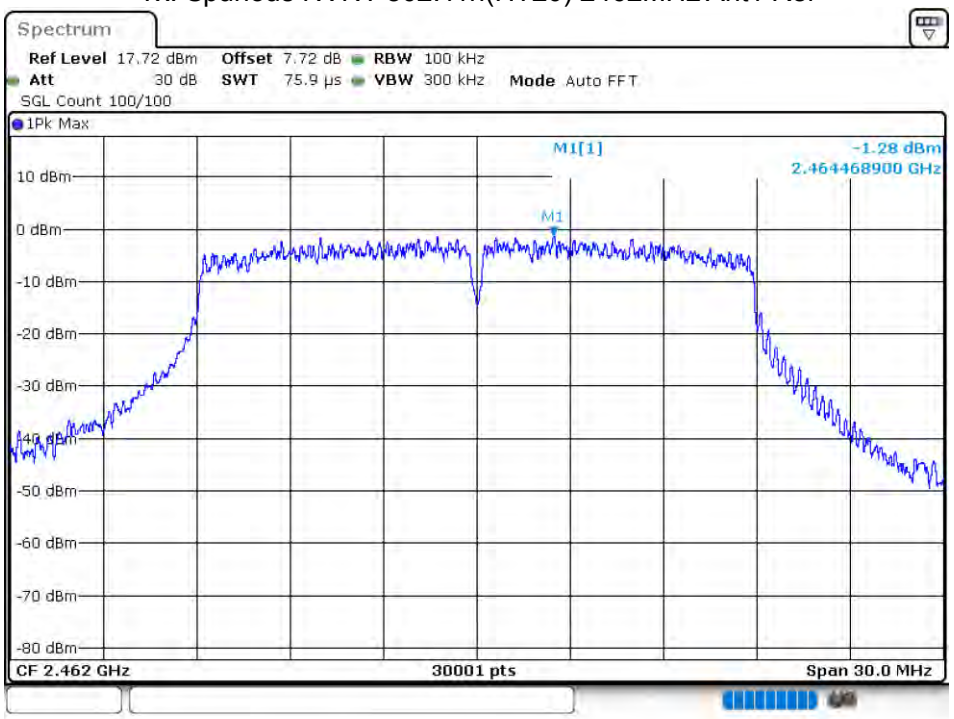
Tx. Spurious NVNT 802.11n(HT20) 2437MHz Ant2 Emission



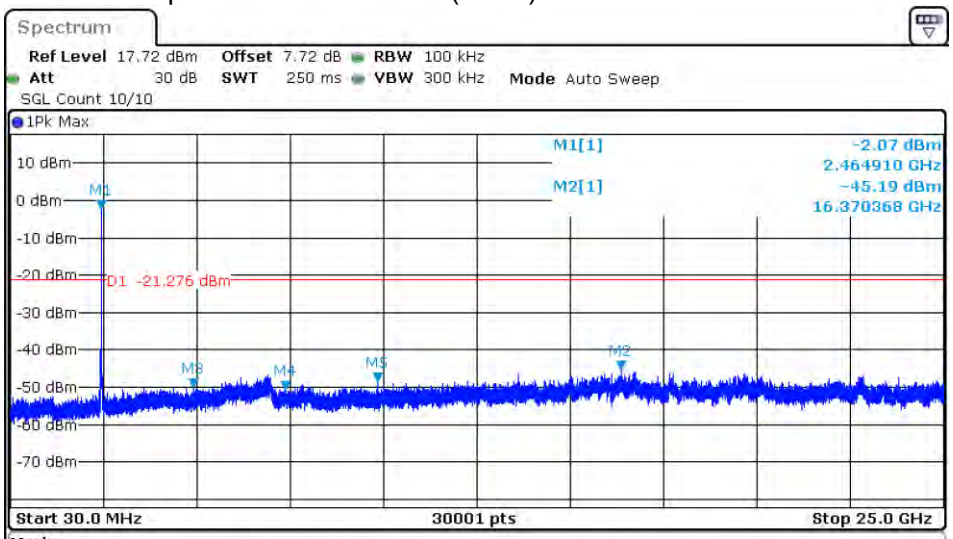
Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.43079 GHz	0.13 dBm		
M2		1	18.713386 GHz	-49.74 dBm		
M3		1	5.029826 GHz	-53.80 dBm		
M4		1	7.496862 GHz	-52.97 dBm		
M5		1	9.9073 GHz	-53.24 dBm		

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



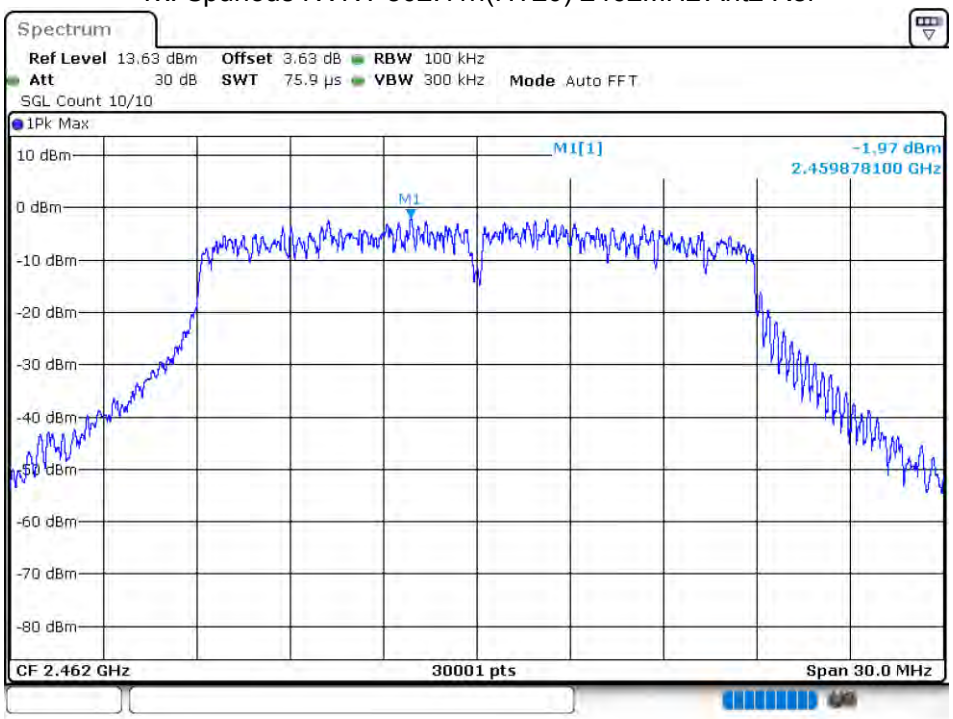
Tx. Spurious NVNT 802.11n(HT20) 2462MHz Ant1 Emission



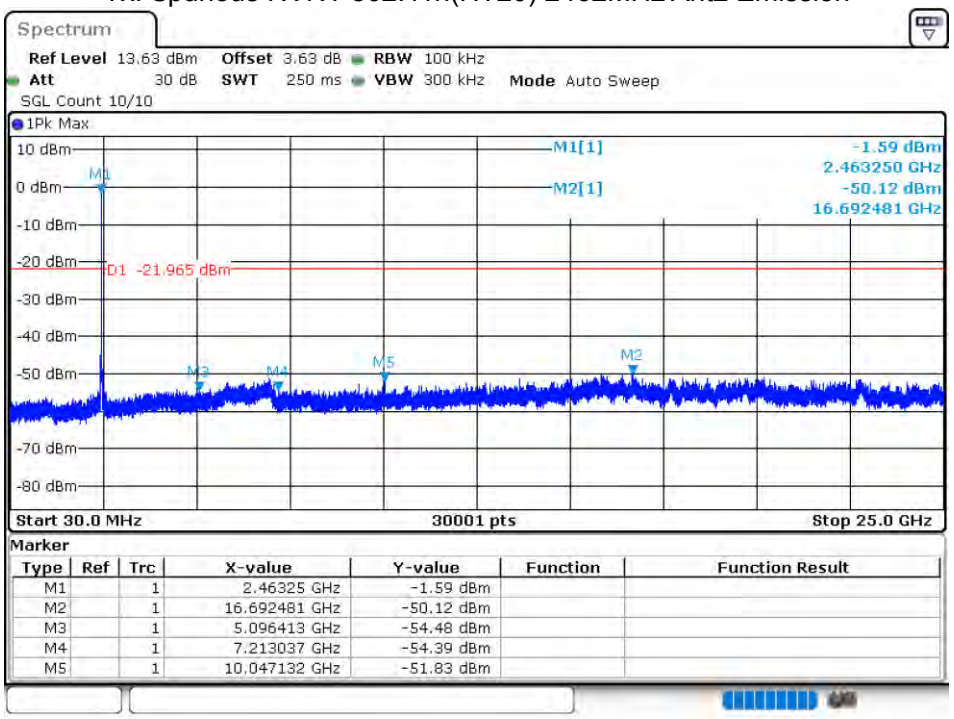
Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.46491 GHz	-2.07 dBm		
M2		1	16.370368 GHz	-45.19 dBm		
M3		1	4.935773 GHz	-49.86 dBm		
M4		1	7.379503 GHz	-50.73 dBm		
M5		1	9.859024 GHz	-48.50 dBm		

Tx. Spurious NVNT 802.11n(HT20) 2462MHz Ant2 Ref



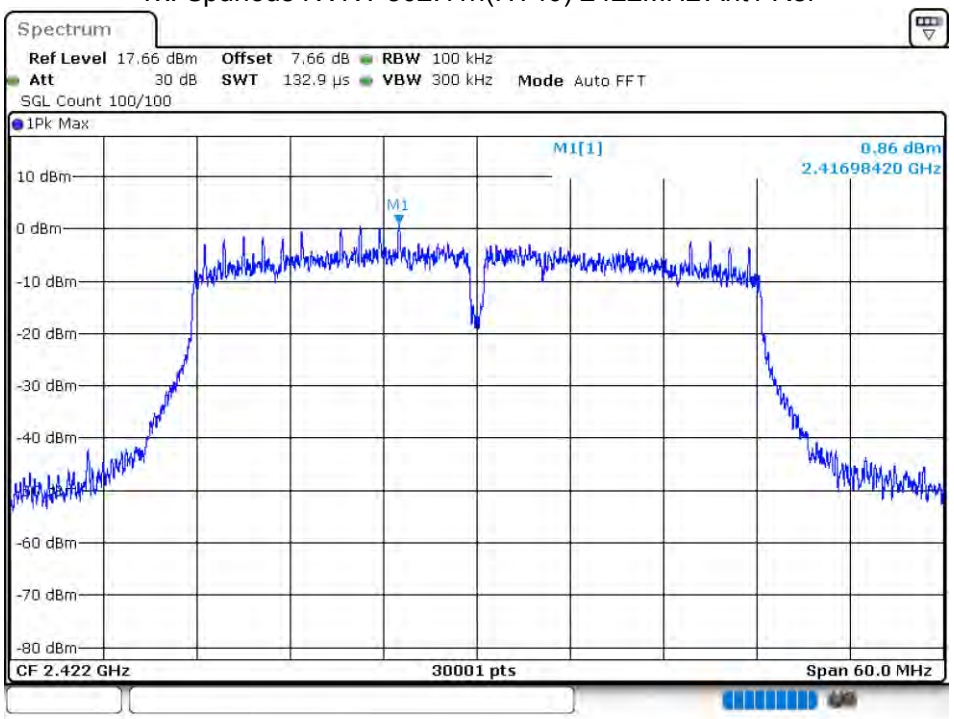
Tx. Spurious NVNT 802.11n(HT20) 2462MHz Ant2 Emission



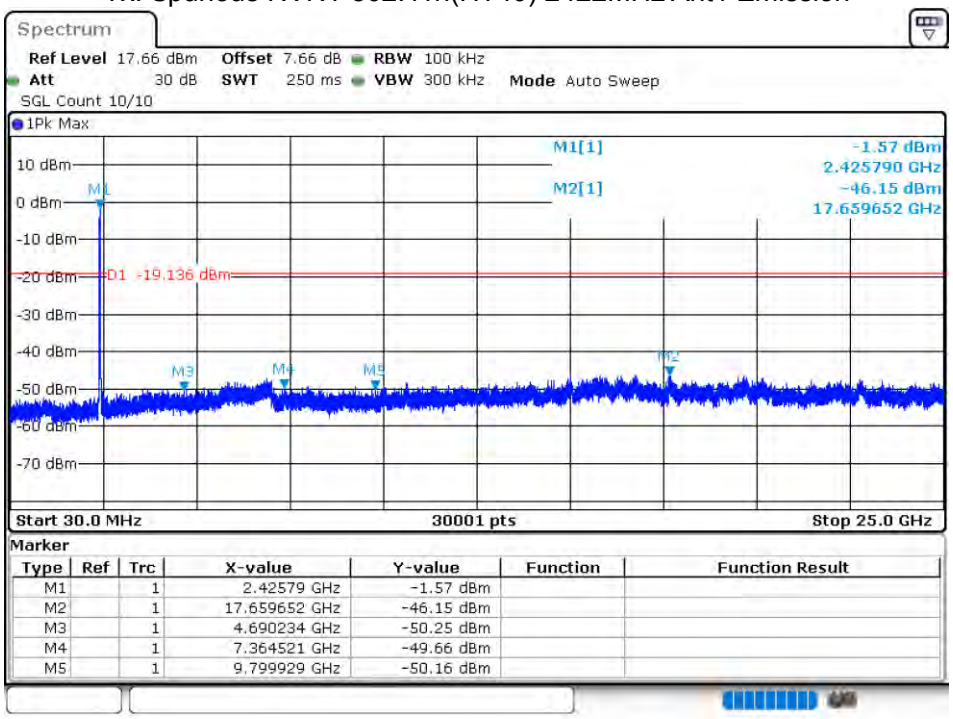
Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.46325 GHz	-1.59 dBm		
M2		1	16.692481 GHz	-50.12 dBm		
M3		1	5.096413 GHz	-54.48 dBm		
M4		1	7.213037 GHz	-54.39 dBm		
M5		1	10.047132 GHz	-51.83 dBm		

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



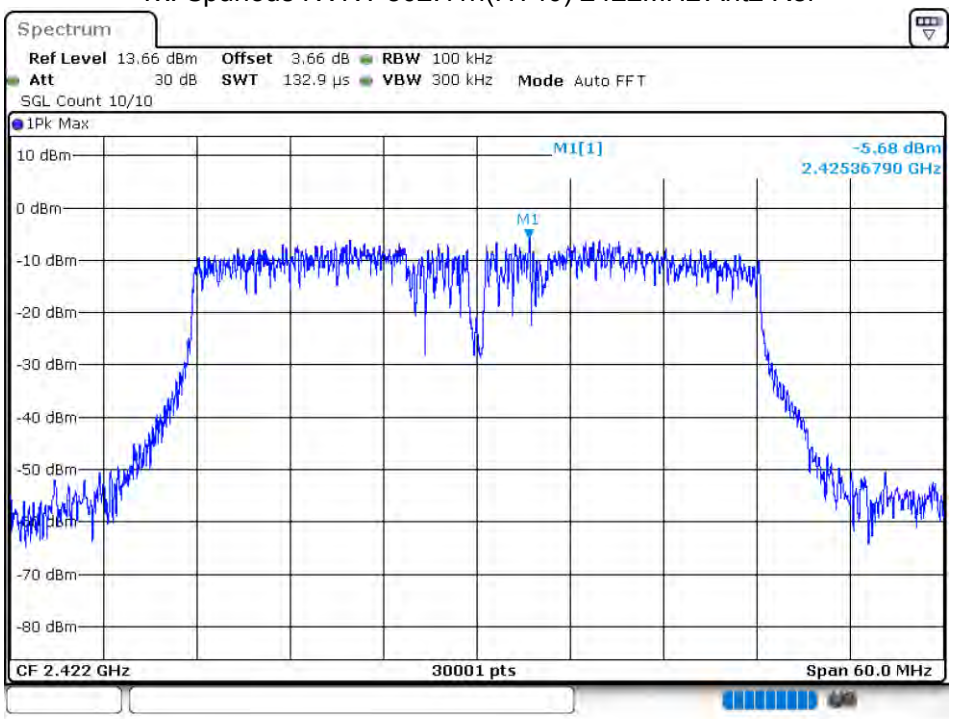
Tx. Spurious NVNT 802.11n(HT40) 2422MHz Ant1 Emission



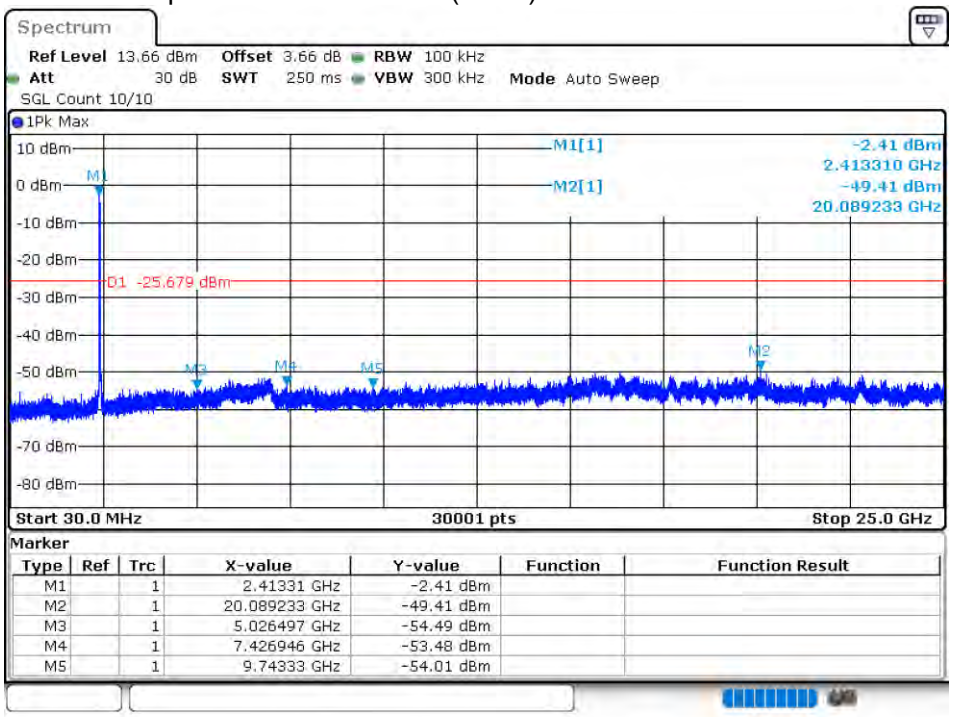
Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.42579 GHz	-1.57 dBm		
M2		1	17.659652 GHz	-46.15 dBm		
M3		1	4.690234 GHz	-50.25 dBm		
M4		1	7.364521 GHz	-49.66 dBm		
M5		1	9.799929 GHz	-50.16 dBm		

Tx. Spurious NVNT 802.11n(HT40) 2422MHz Ant2 Ref



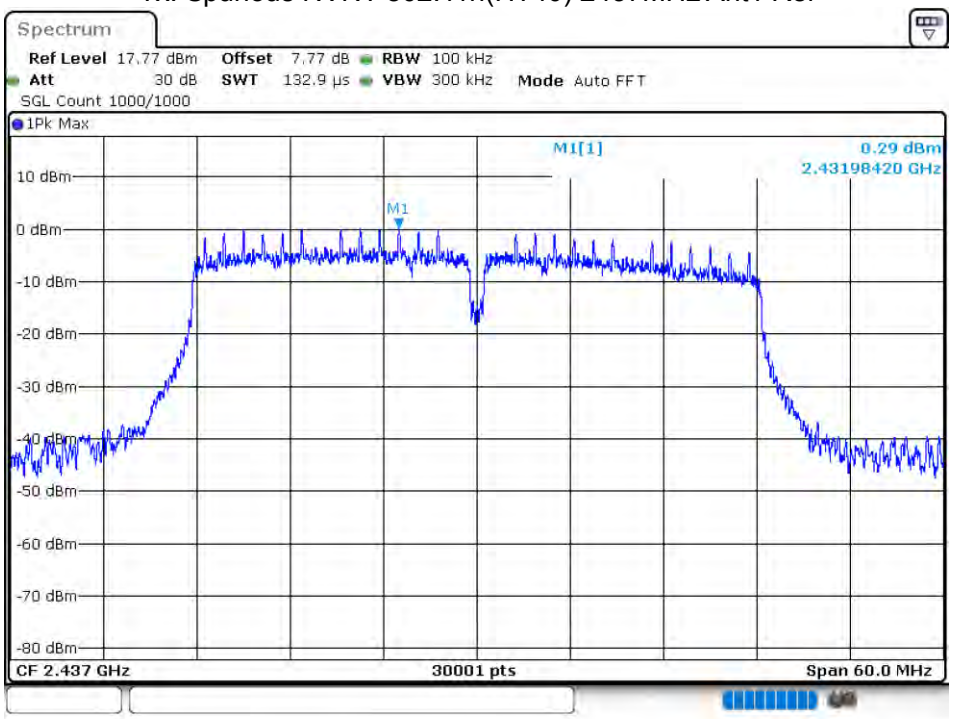
Tx. Spurious NVNT 802.11n(HT40) 2422MHz Ant2 Emission



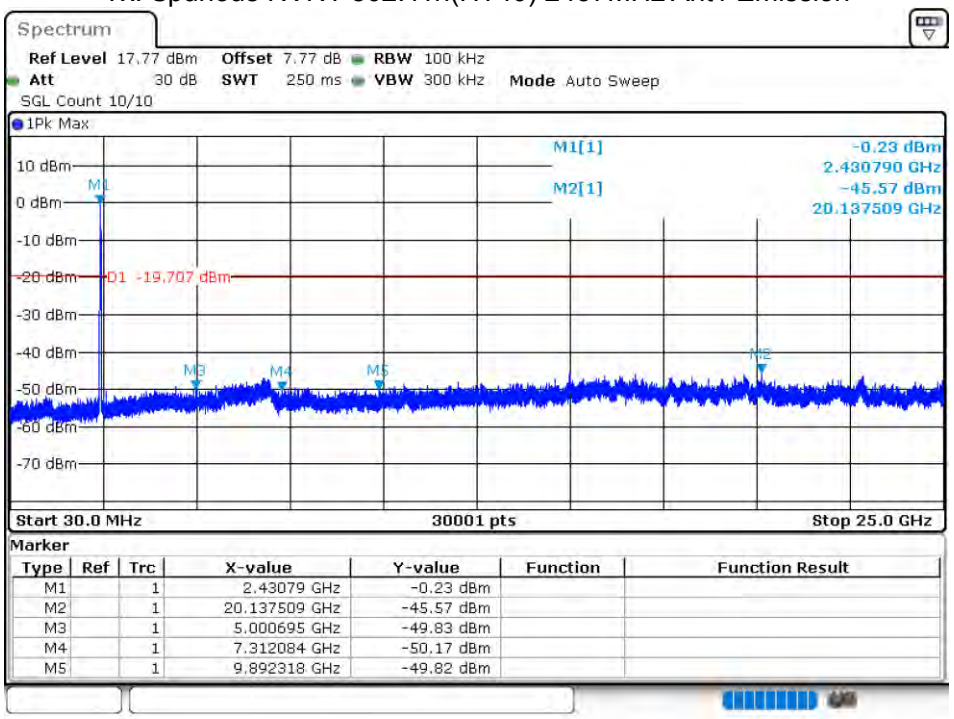
Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.41331 GHz	-2.41 dBm		
M2		1	20.089233 GHz	-49.41 dBm		
M3		1	5.026497 GHz	-54.49 dBm		
M4		1	7.426946 GHz	-53.48 dBm		
M5		1	9.74333 GHz	-54.01 dBm		

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



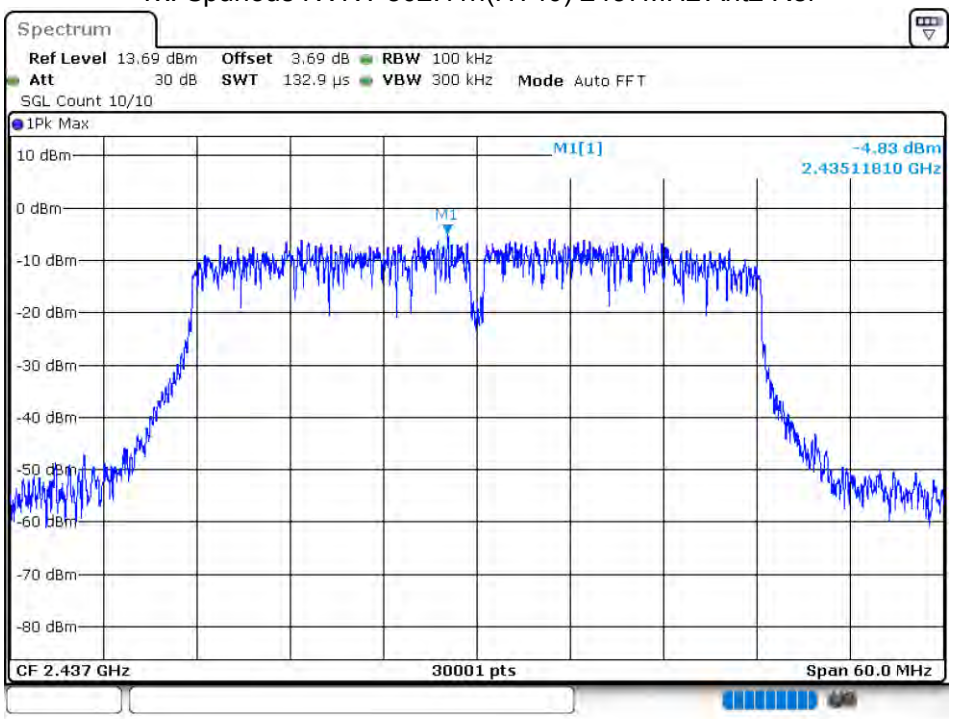
Tx. Spurious NVNT 802.11n(HT40) 2437MHz Ant1 Emission



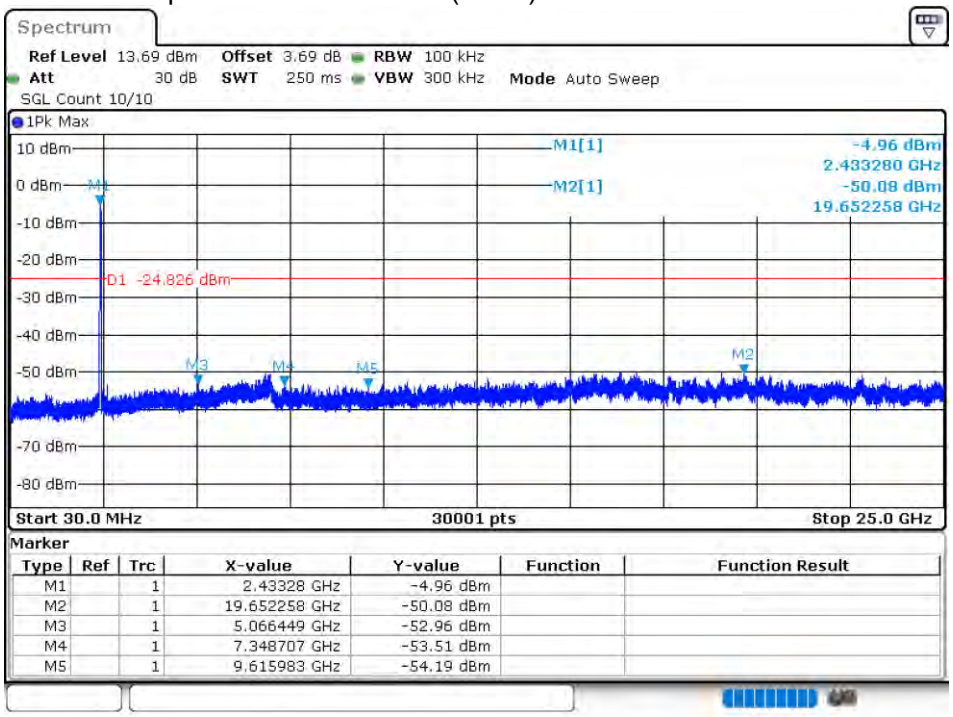
Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.43079 GHz	-0.23 dBm		
M2		1	20.137509 GHz	-45.57 dBm		
M3		1	5.000695 GHz	-49.83 dBm		
M4		1	7.312084 GHz	-50.17 dBm		
M5		1	9.892318 GHz	-49.82 dBm		

Tx. Spurious NVNT 802.11n(HT40) 2437MHz Ant2 Ref



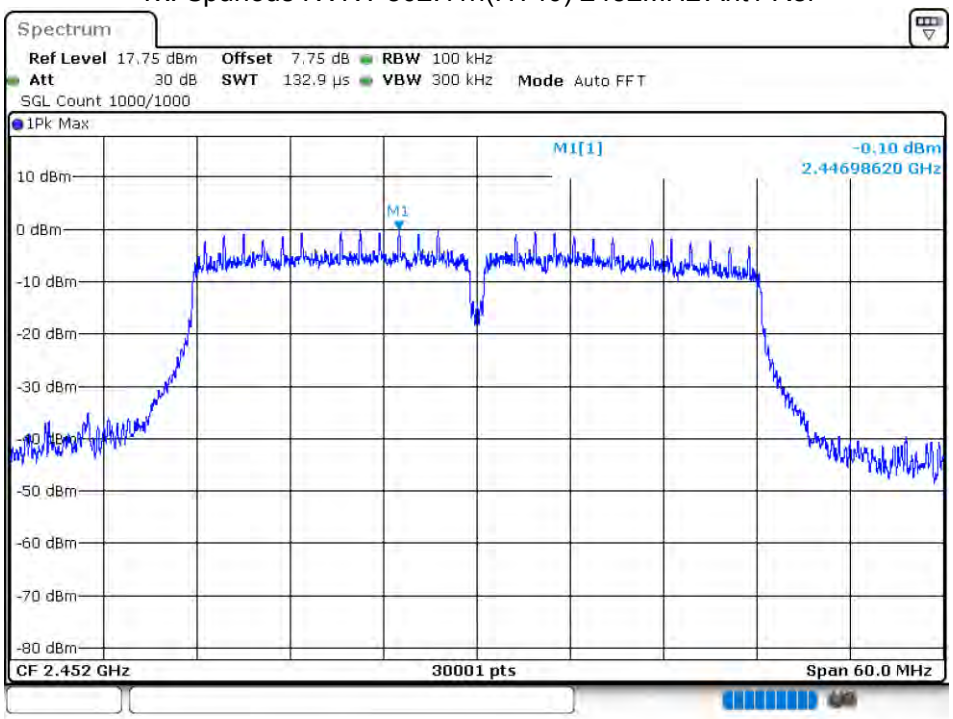
Tx. Spurious NVNT 802.11n(HT40) 2437MHz Ant2 Emission



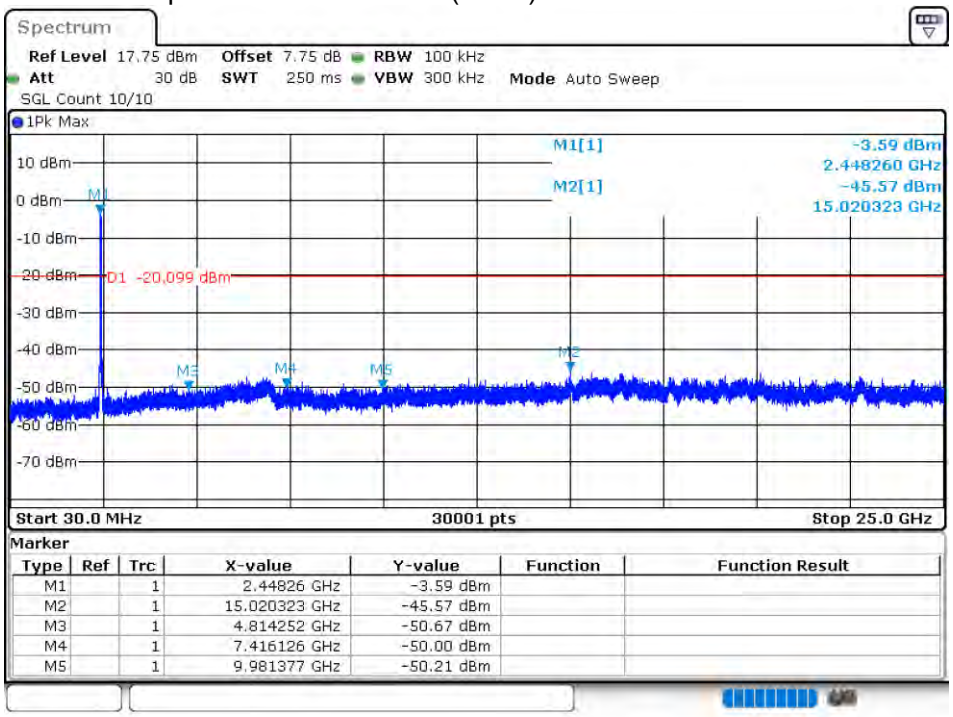
Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.43328 GHz	-4.96 dBm		
M2		1	19.652258 GHz	-50.08 dBm		
M3		1	5.066449 GHz	-52.96 dBm		
M4		1	7.348707 GHz	-53.51 dBm		
M5		1	9.615983 GHz	-54.19 dBm		

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



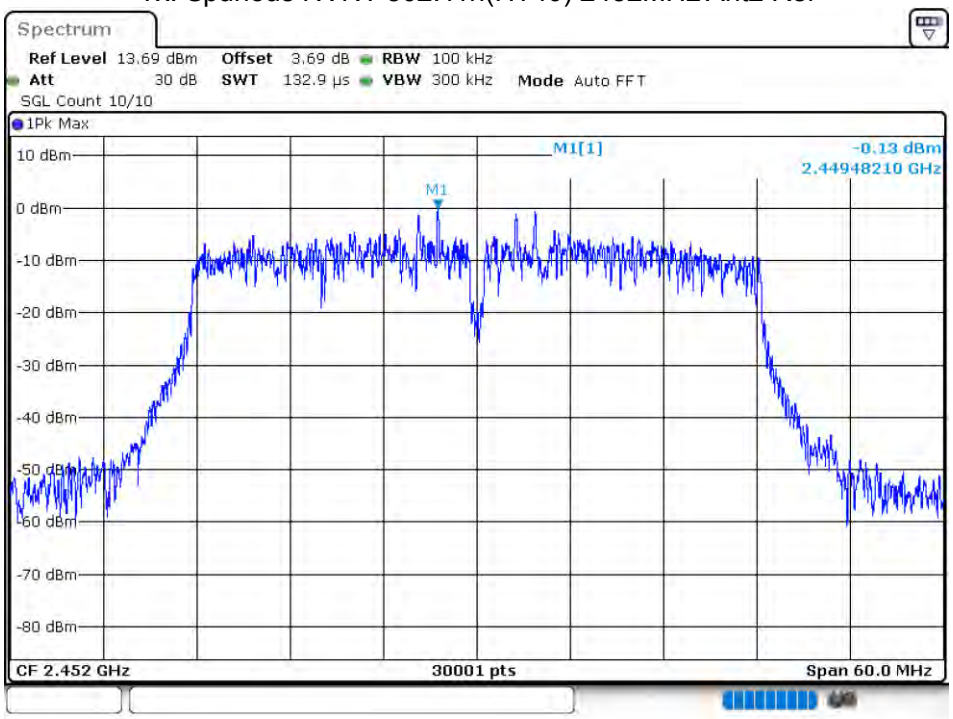
Tx. Spurious NVNT 802.11n(HT40) 2452MHz Ant1 Emission



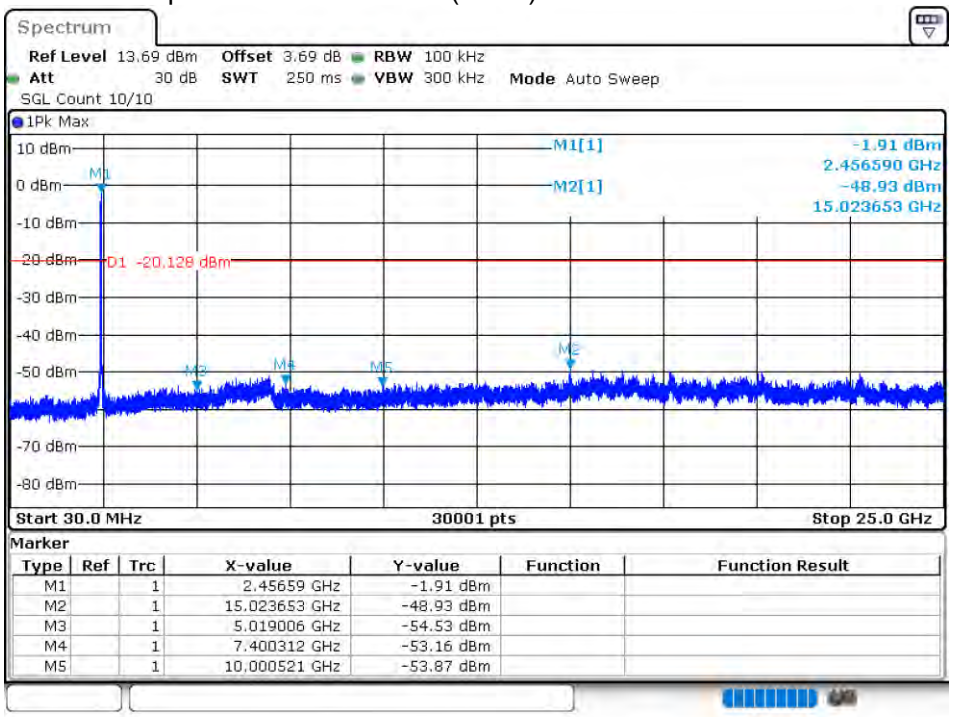
Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.44826 GHz	-3.59 dBm		
M2		1	15.020323 GHz	-45.57 dBm		
M3		1	4.814252 GHz	-50.67 dBm		
M4		1	7.416126 GHz	-50.00 dBm		
M5		1	9.981377 GHz	-50.21 dBm		

Tx. Spurious NVNT 802.11n(HT40) 2452MHz Ant2 Ref



Tx. Spurious NVNT 802.11n(HT40) 2452MHz Ant2 Emission



Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.45659 GHz	-1.91 dBm		
M2		1	15.023653 GHz	-48.93 dBm		
M3		1	5.019006 GHz	-54.53 dBm		
M4		1	7.400312 GHz	-53.16 dBm		
M5		1	10.000521 GHz	-53.87 dBm		

END OF REPORT