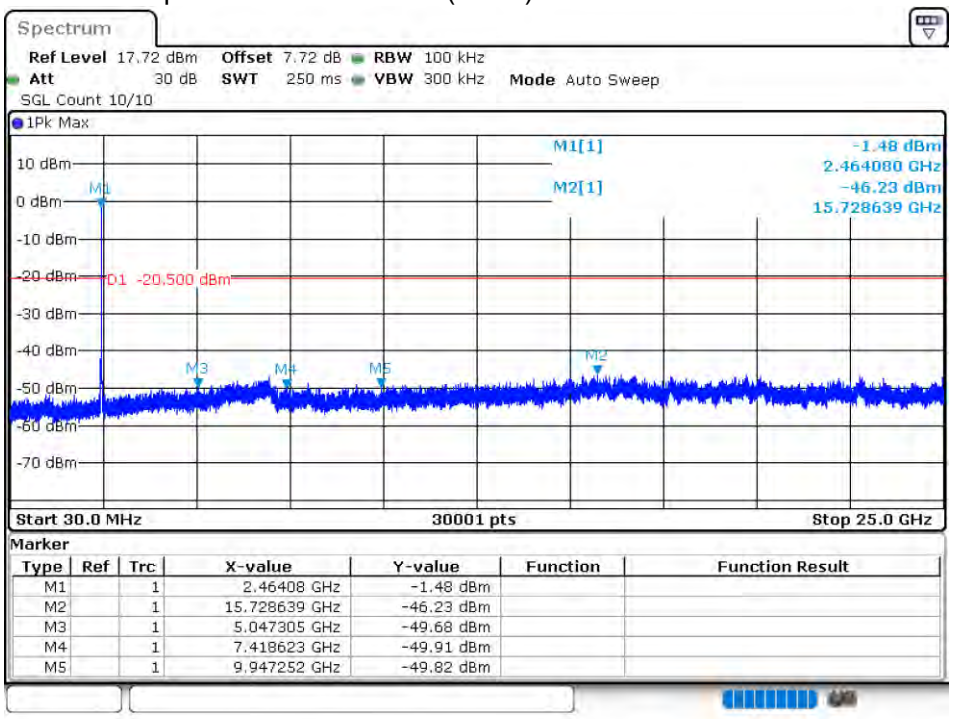
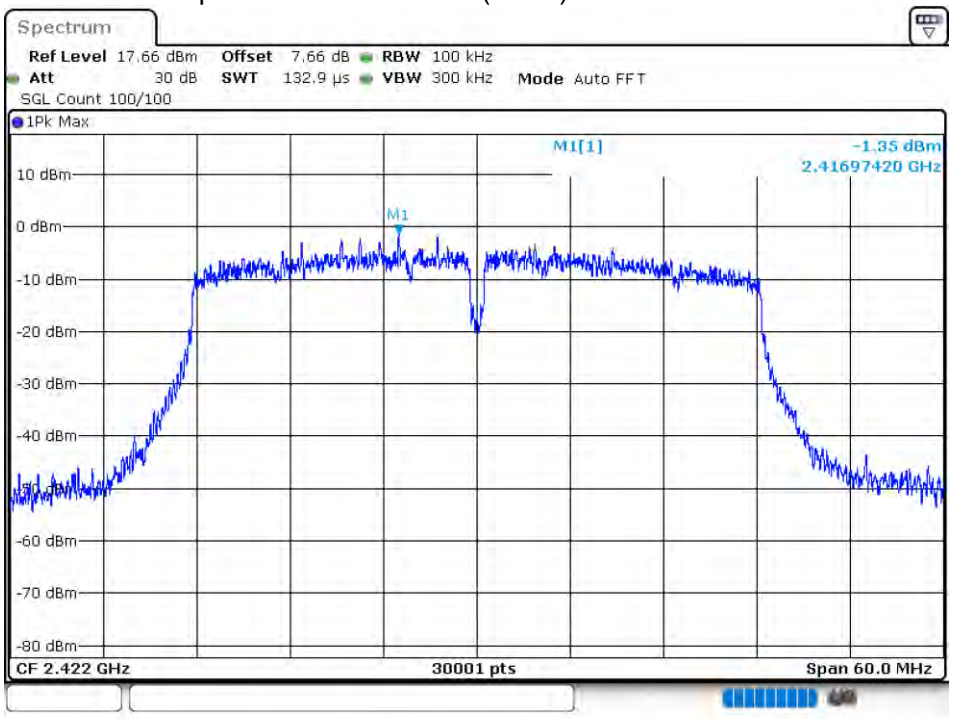
Tx. Spurious NVNT 802.11n(HT20) 2462MHz Ant 2 Emission



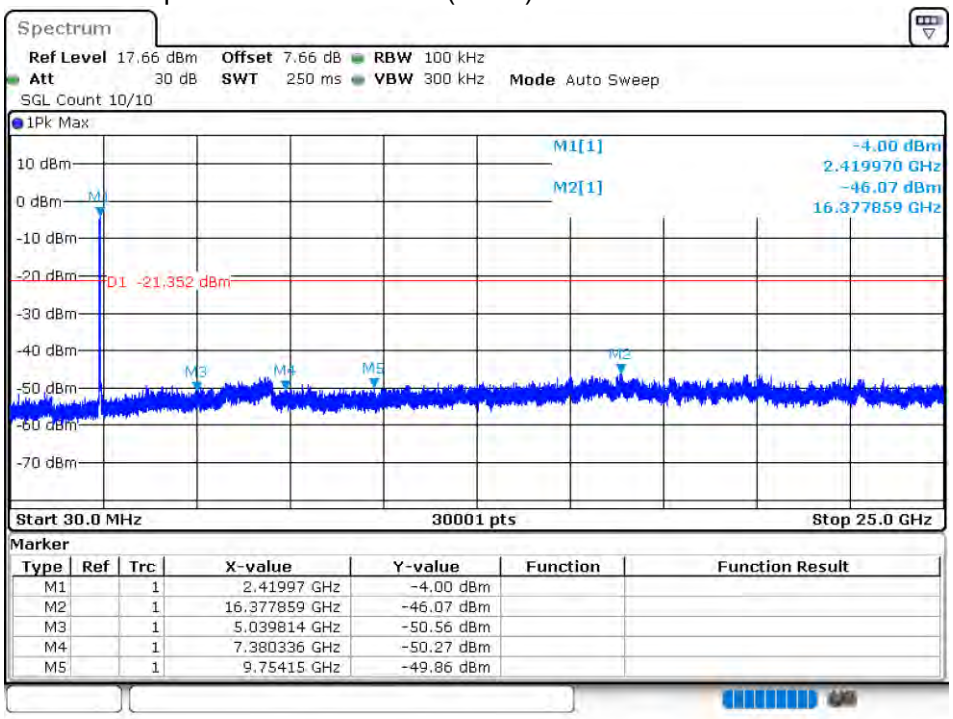
Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.46408 GHz	-1.48 dBm		
M2		1	15.728639 GHz	-46.23 dBm		
M3		1	5.047305 GHz	-49.68 dBm		
M4		1	7.418623 GHz	-49.91 dBm		
M5		1	9.947252 GHz	-49.82 dBm		

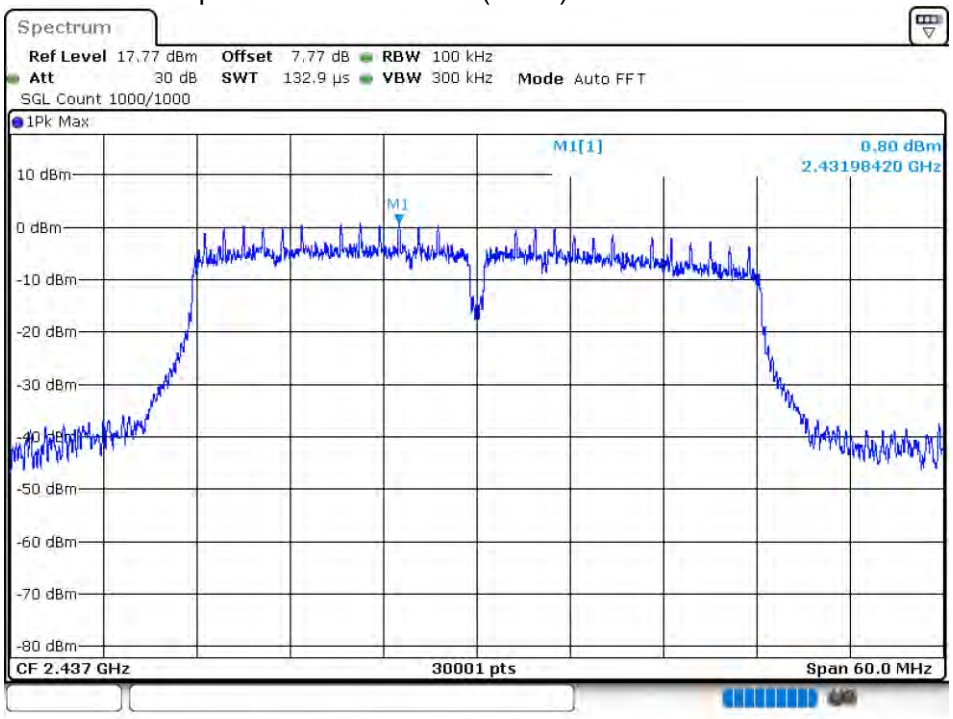
Tx. Spurious NVNT 802.11n(HT40) 2422MHz Ant 1 Ref



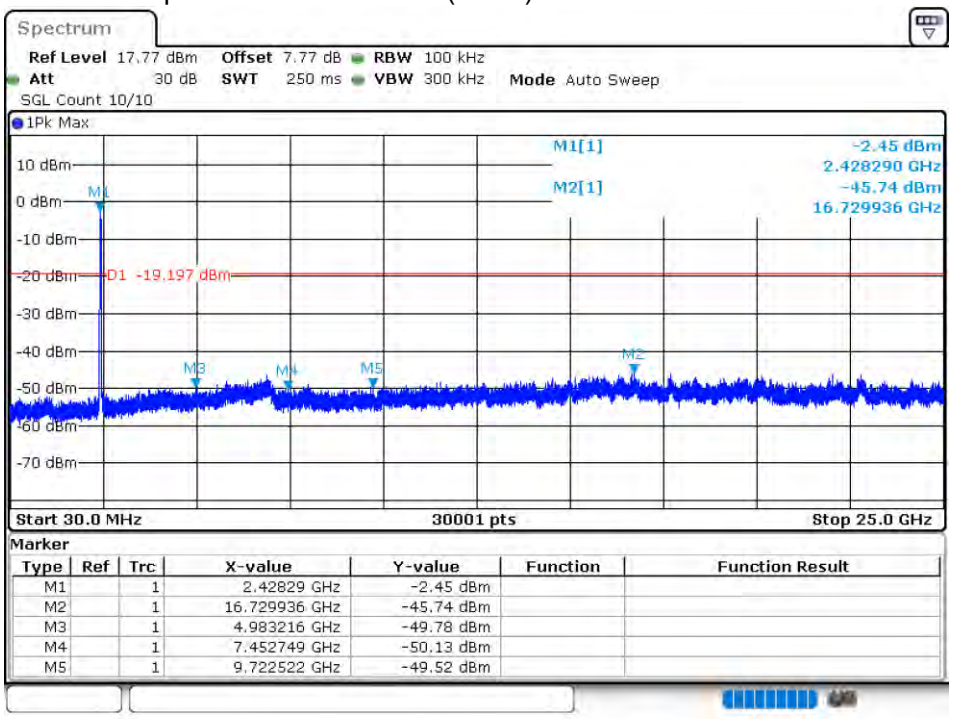
Tx. Spurious NVNT 802.11n(HT40) 2422MHz Ant 1 Emission



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



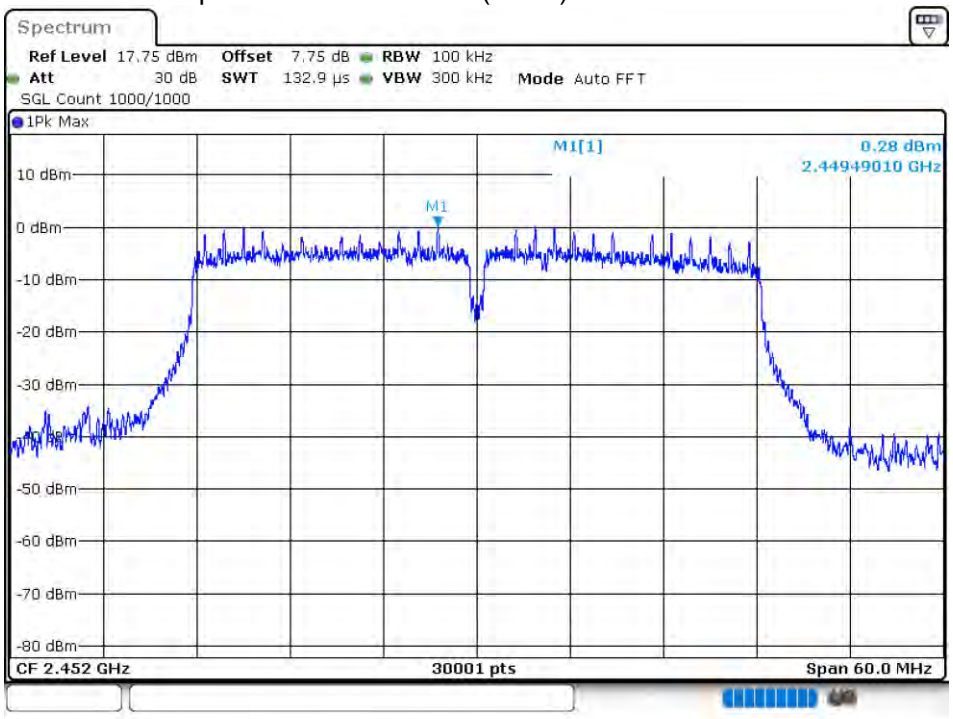
Tx. Spurious NVNT 802.11n(HT40) 2437MHz Ant 1 Emission



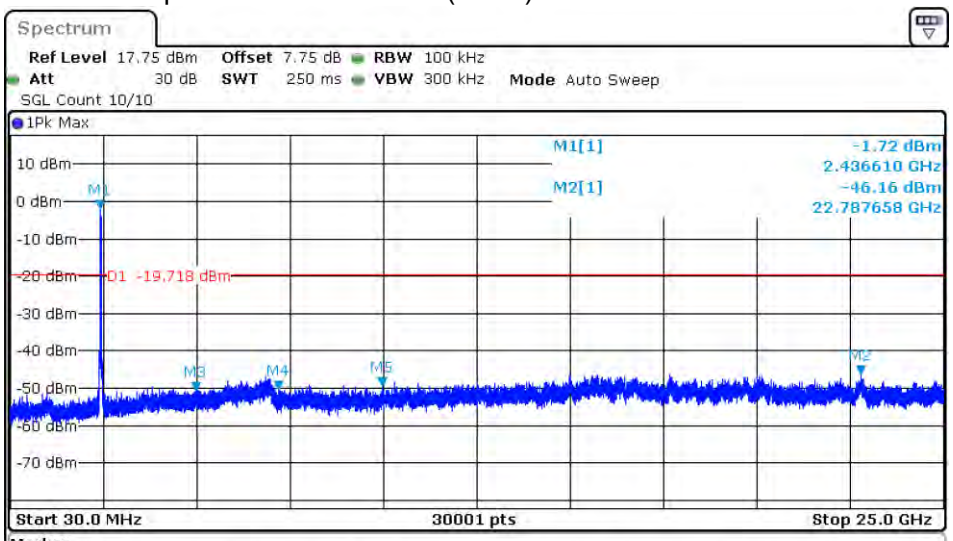
Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.42829 GHz	-2.45 dBm		
M2		1	16.729936 GHz	-45.74 dBm		
M3		1	4.983216 GHz	-49.78 dBm		
M4		1	7.452749 GHz	-50.13 dBm		
M5		1	9.722522 GHz	-49.52 dBm		

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



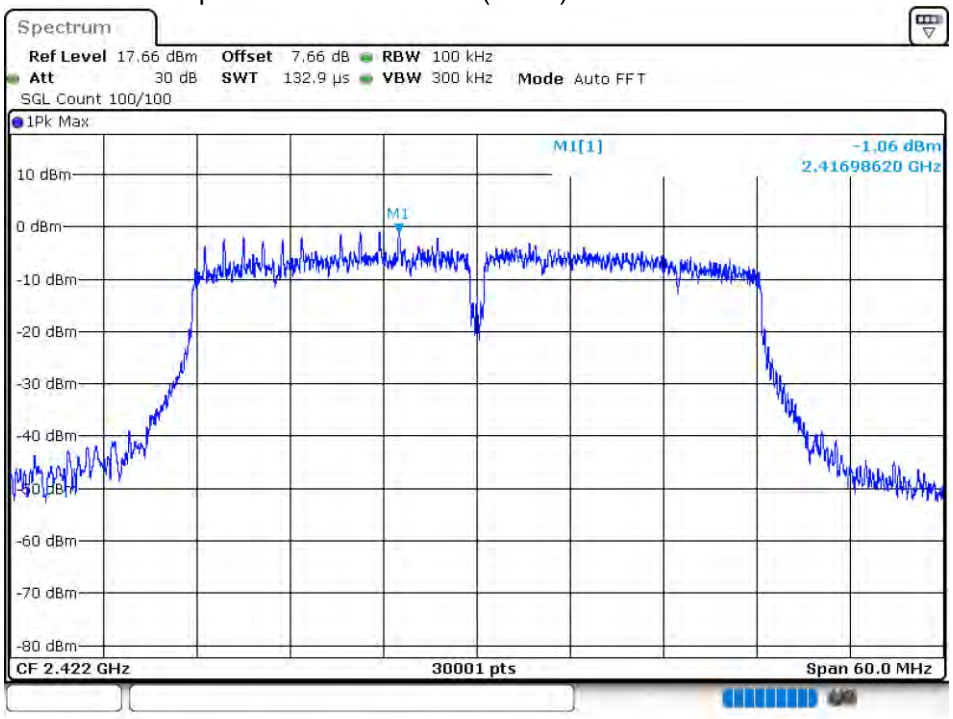
Tx. Spurious NVNT 802.11n(HT40) 2452MHz Ant 1 Emission



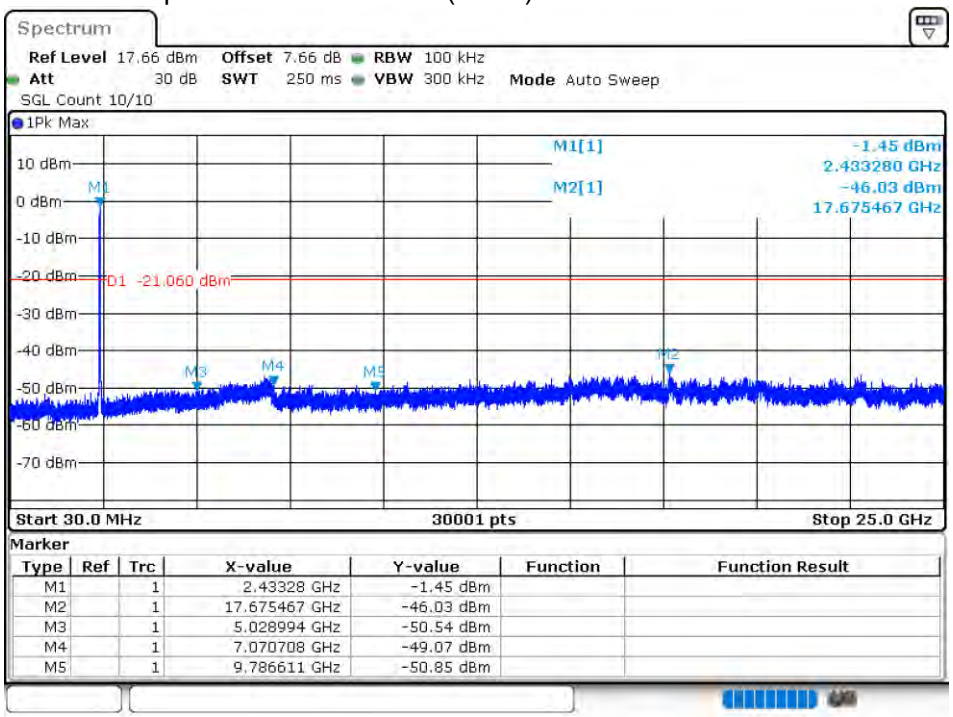
Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.43661 GHz	-1.72 dBm		
M2		1	22.787658 GHz	-46.16 dBm		
M3		1	4.977389 GHz	-50.58 dBm		
M4		1	7.212204 GHz	-50.31 dBm		
M5		1	9.977216 GHz	-49.38 dBm		

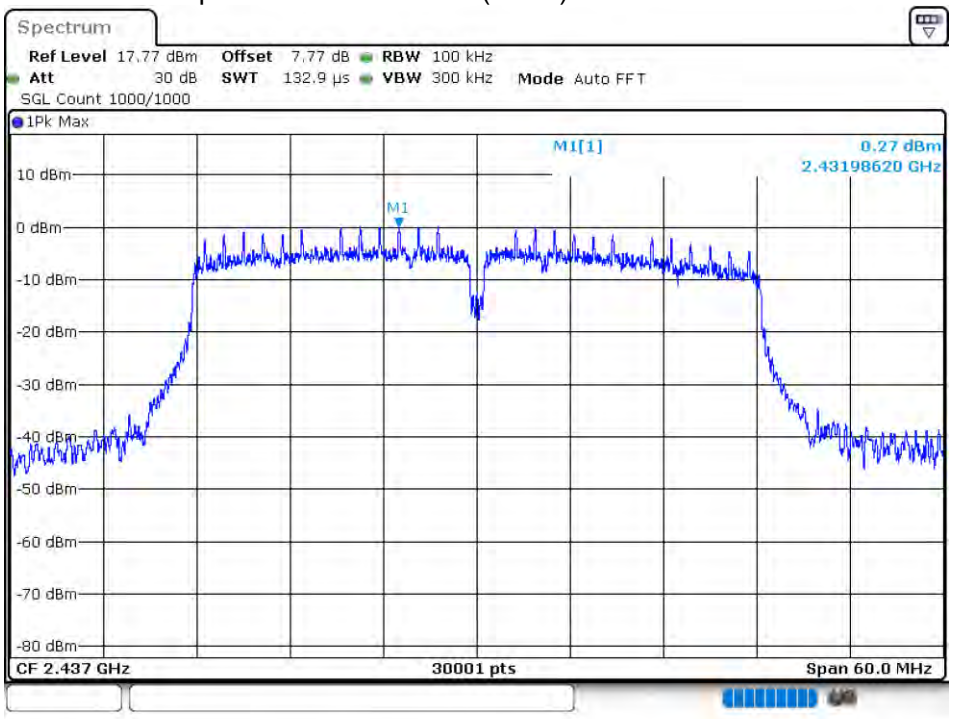
Tx. Spurious NVNT 802.11n(HT40) 2422MHz Ant 2 Ref



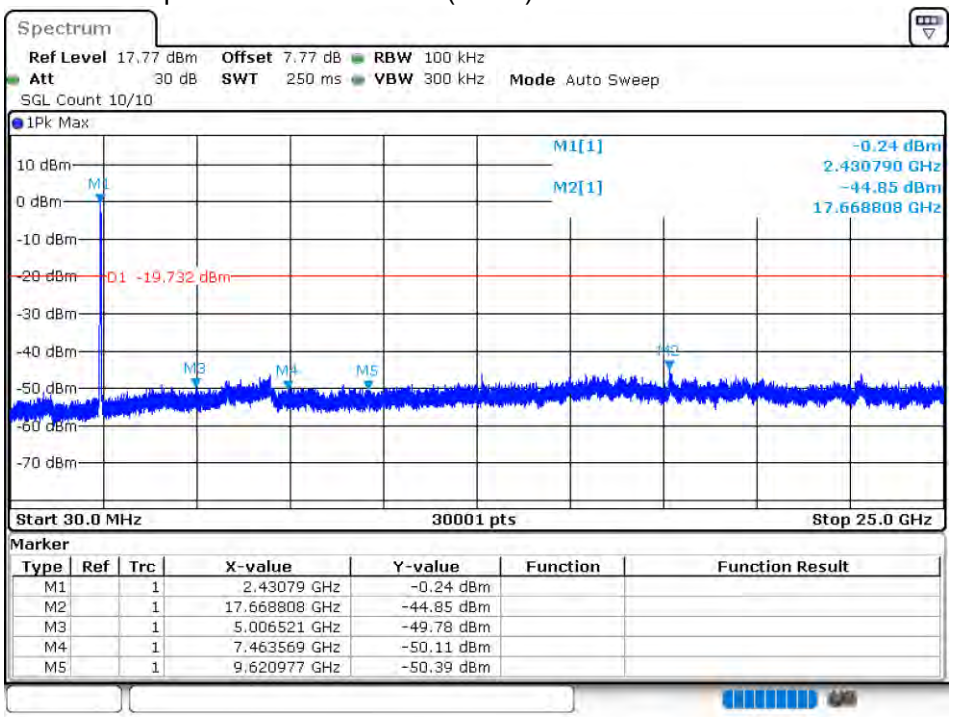
Tx. Spurious NVNT 802.11n(HT40) 2422MHz Ant 2 Emission



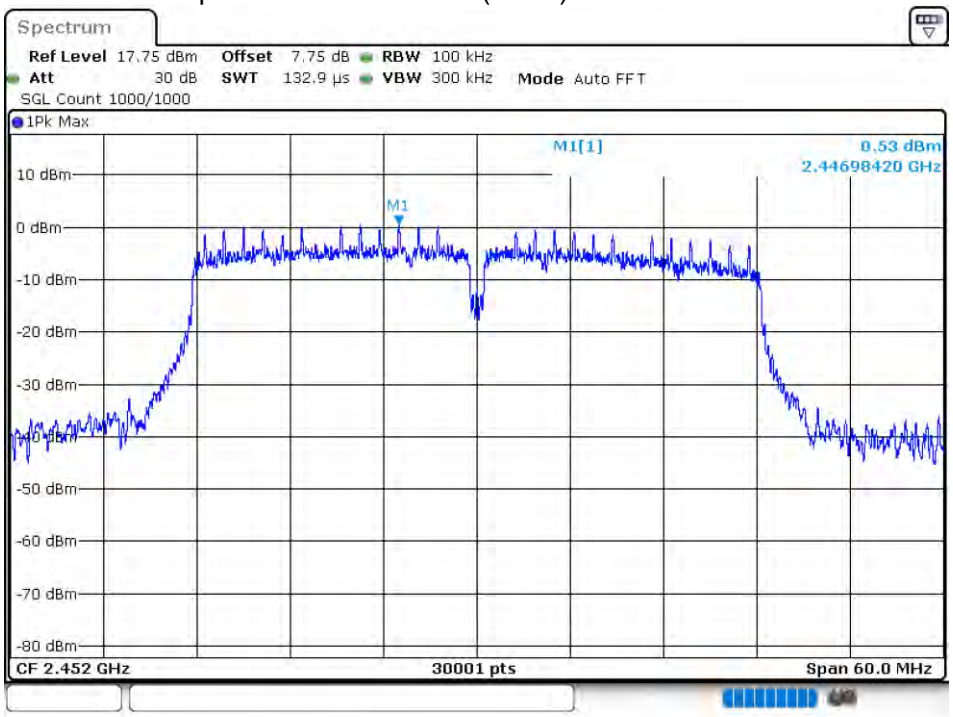
Tx. Spurious NVNT 802.11n(HT40) 2437MHz Ant 2 Ref



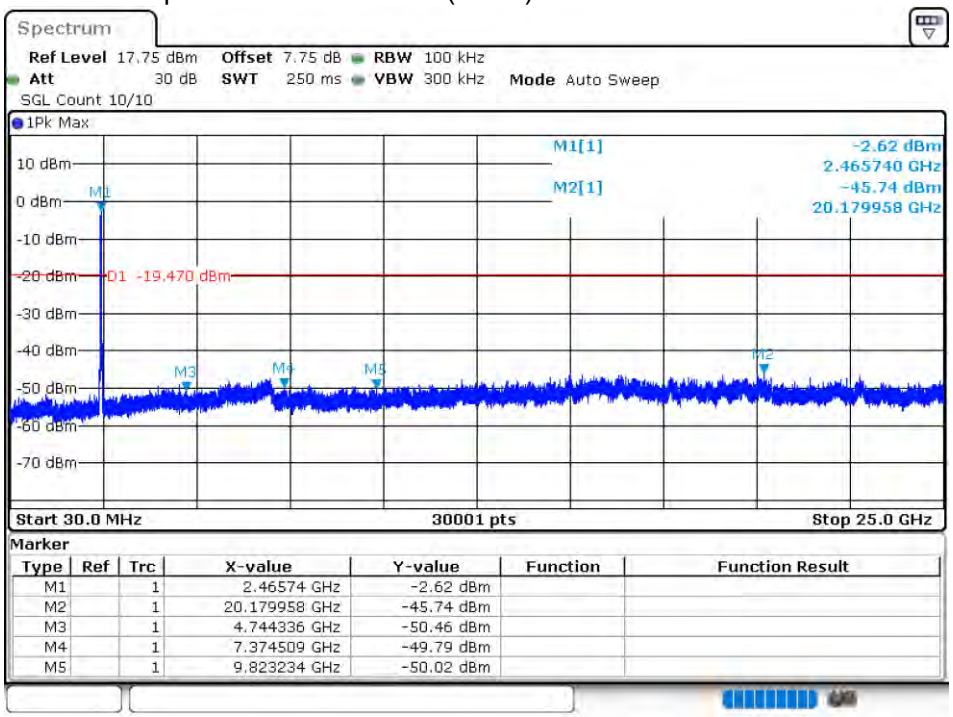
Tx. Spurious NVNT 802.11n(HT40) 2437MHz Ant 2 Emission



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



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

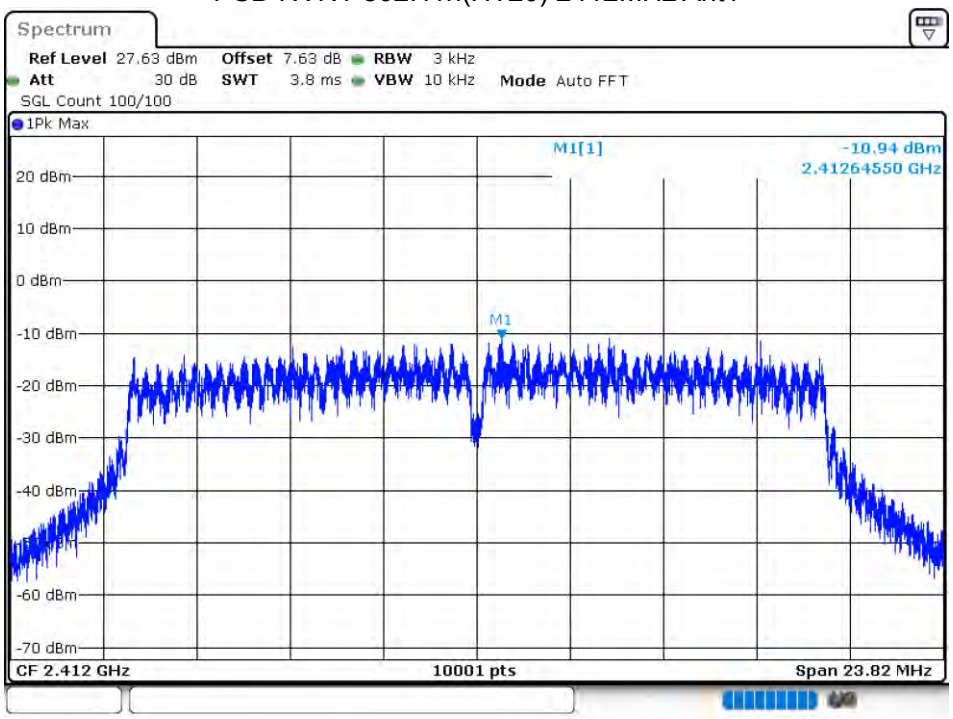


MIMO:

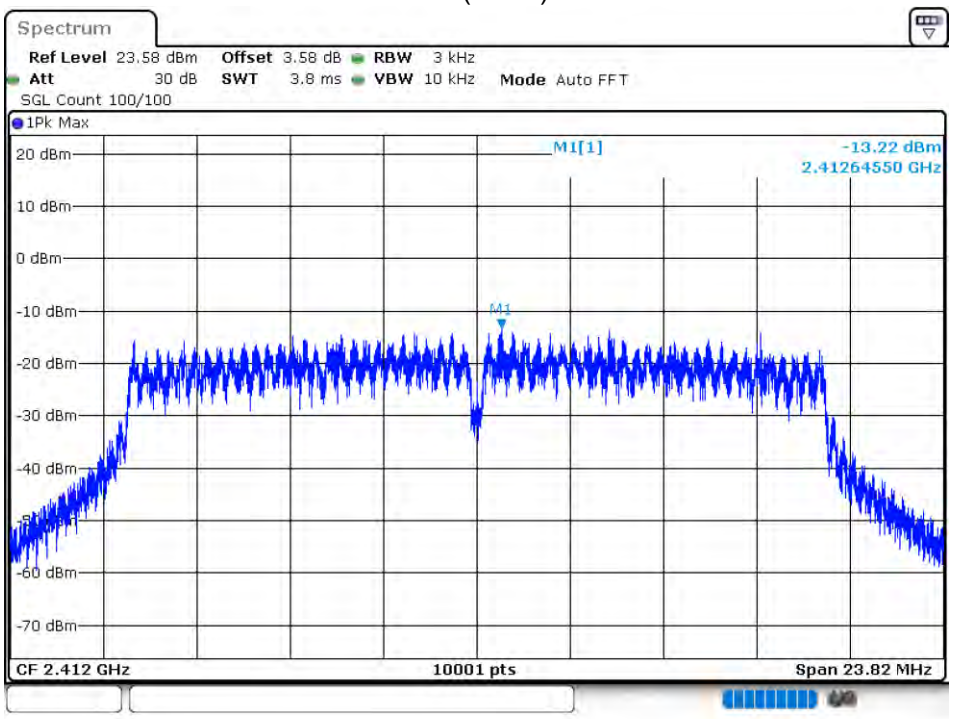
8.6 MAXIMUM POWER SPECTRAL DENSITY LEVEL

Condition	Mode	Frequency (MHz)	Antenna	Max PSD (dBm/3kHz)	Limit (dBm/3kHz)	Verdict
NVNT	802.11n(HT20)	2412	Ant 1	-10.937	7.67	Pass
NVNT	802.11n(HT20)	2412	Ant 2	-13.217	8	Pass
NVNT	802.11n(HT20)	2412	Total	-8.919	5.11	Pass
NVNT	802.11n(HT20)	2437	Ant 1	-12.189	7.67	Pass
NVNT	802.11n(HT20)	2437	Ant 2	-12.984	8	Pass
NVNT	802.11n(HT20)	2437	Total	-9.558	5.11	Pass
NVNT	802.11n(HT20)	2462	Ant 1	-12.564	7.67	Pass
NVNT	802.11n(HT20)	2462	Ant 2	-12.314	8	Pass
NVNT	802.11n(HT20)	2462	Total	-9.427	5.11	Pass
NVNT	802.11n(HT40)	2422	Ant 1	-13.103	7.67	Pass
NVNT	802.11n(HT40)	2422	Ant 2	-15.342	8	Pass
NVNT	802.11n(HT40)	2422	Total	-11.069	5.11	Pass
NVNT	802.11n(HT40)	2437	Ant 1	-12.865	7.67	Pass
NVNT	802.11n(HT40)	2437	Ant 2	-14.877	8	Pass
NVNT	802.11n(HT40)	2437	Total	-10.745	5.11	Pass
NVNT	802.11n(HT40)	2452	Ant 1	-13.388	7.67	Pass
NVNT	802.11n(HT40)	2452	Ant 2	-13.948	8	Pass
NVNT	802.11n(HT40)	2452	Total	-10.649	5.11	Pass

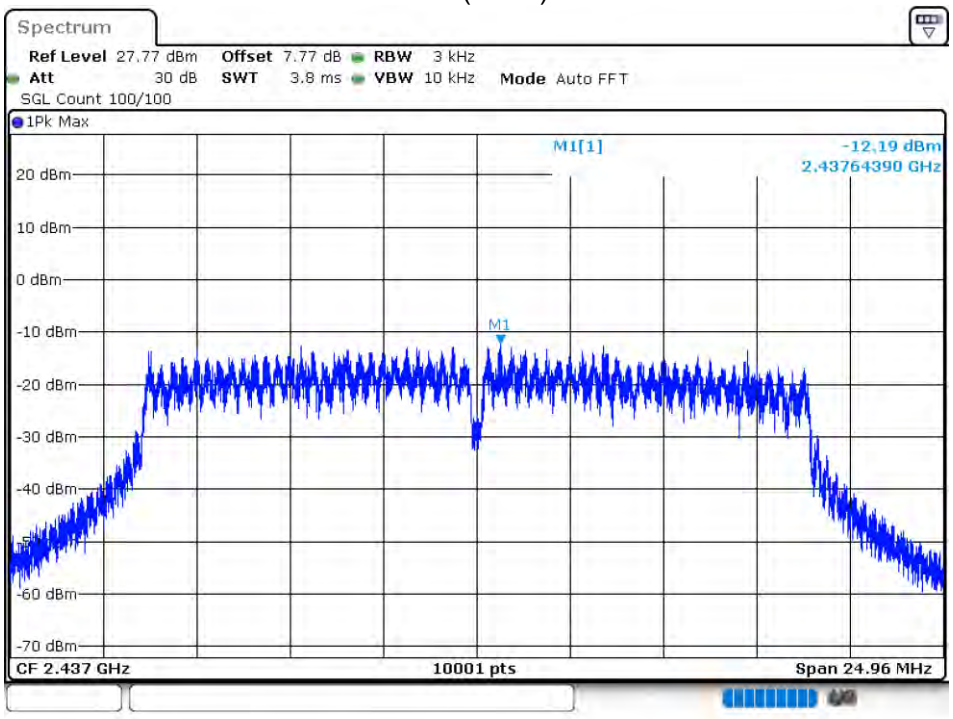
PSD NVNT 802.11n(HT20) 2412MHz Ant1



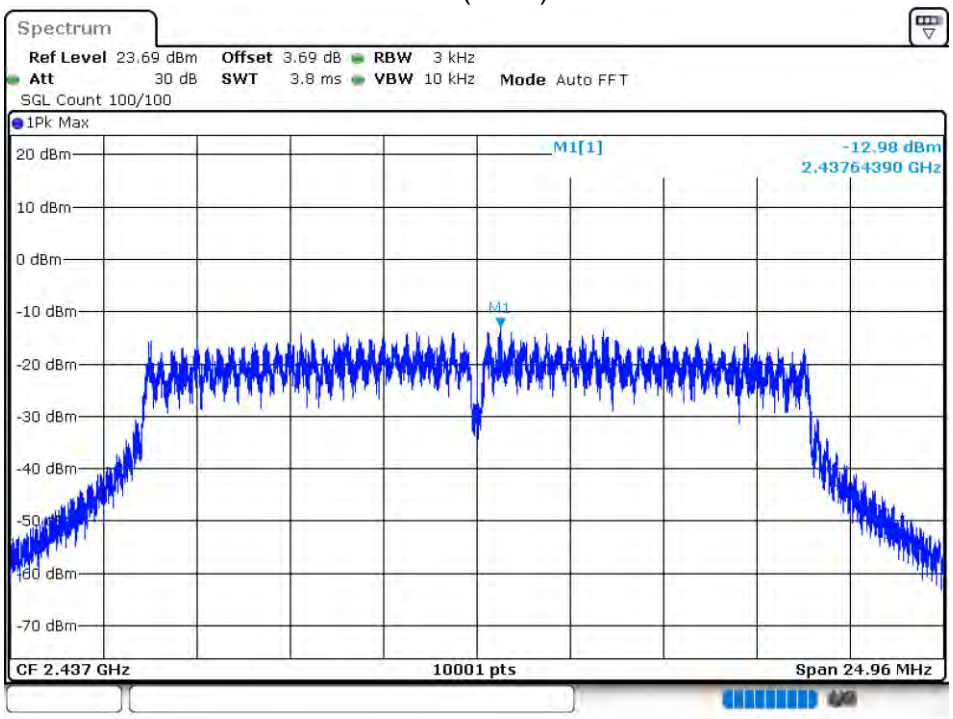
PSD NVNT 802.11n(HT20) 2412MHz Ant2



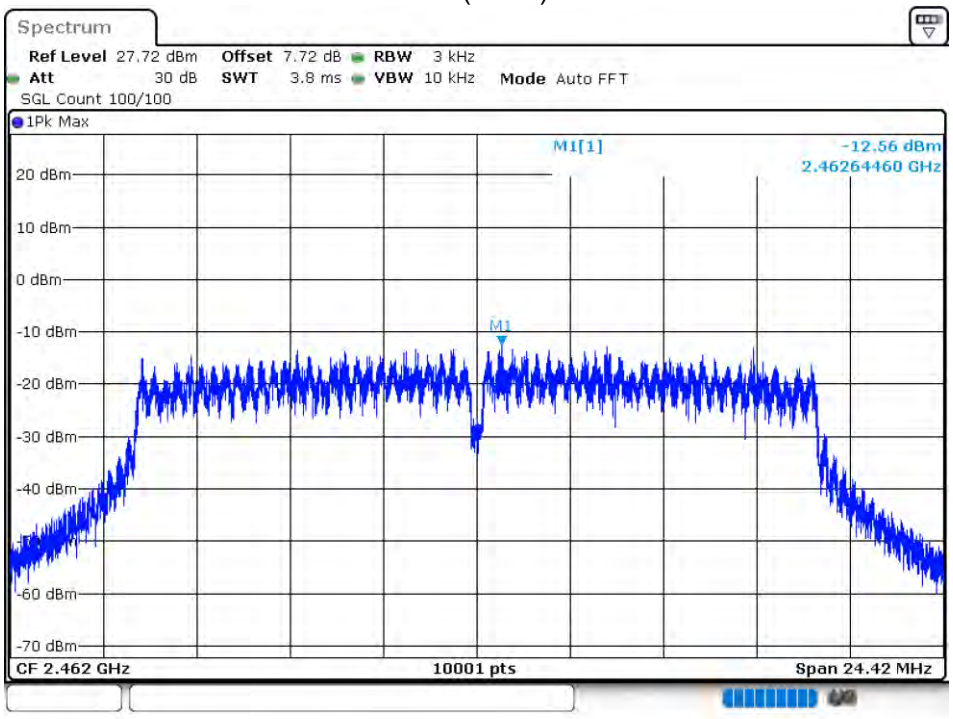
PSD NVNT 802.11n(HT20) 2437MHz Ant1



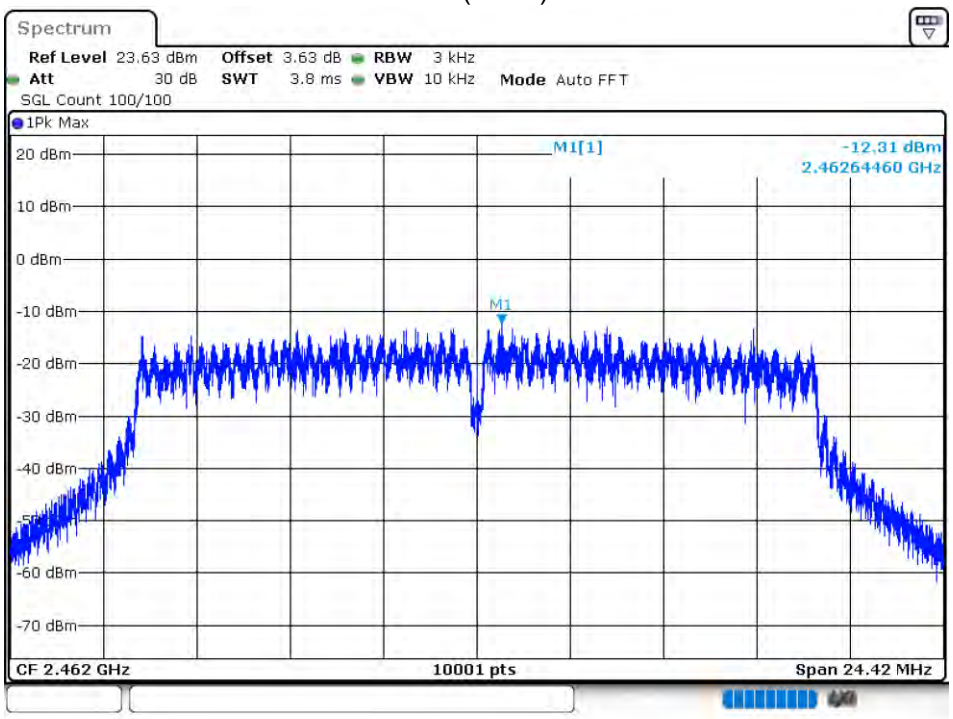
PSD NVNT 802.11n(HT20) 2437MHz Ant2



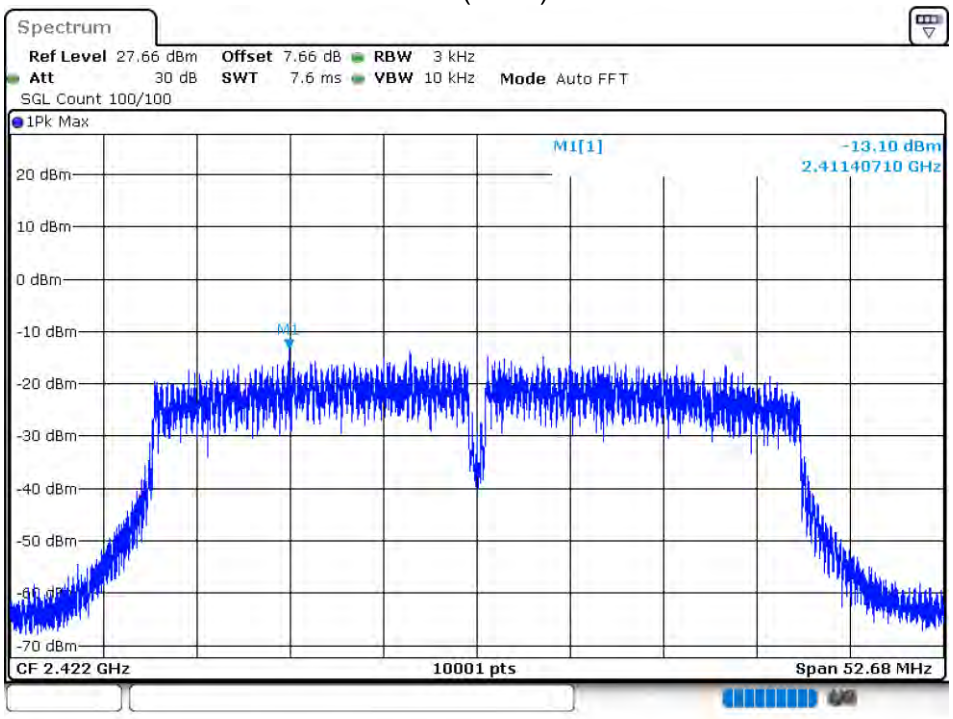
PSD NVNT 802.11n(HT20) 2462MHz Ant1



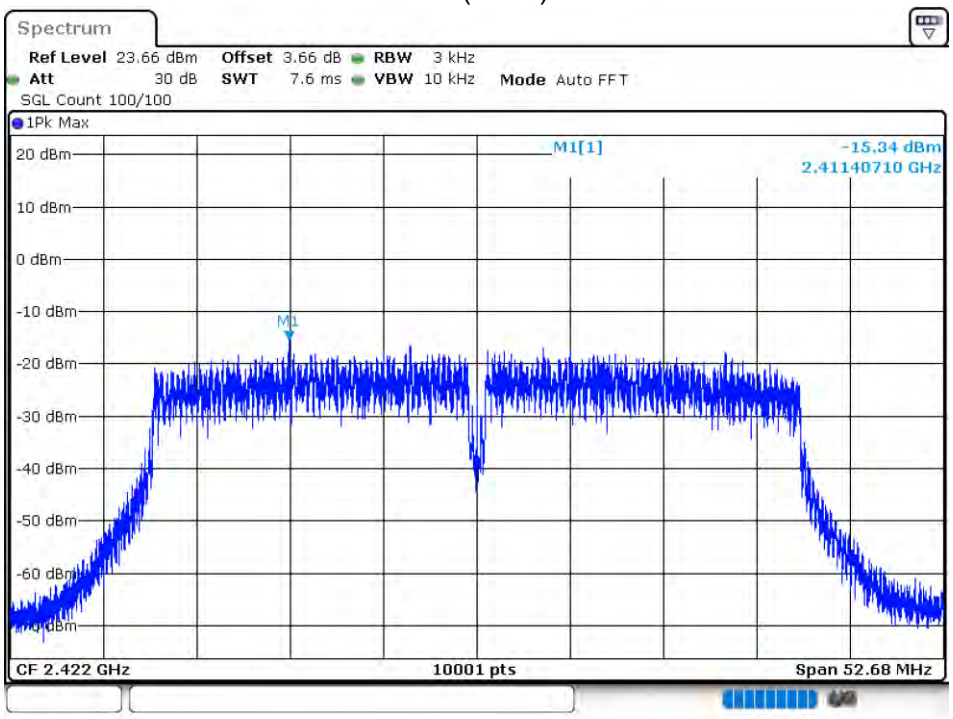
PSD NVNT 802.11n(HT20) 2462MHz Ant2



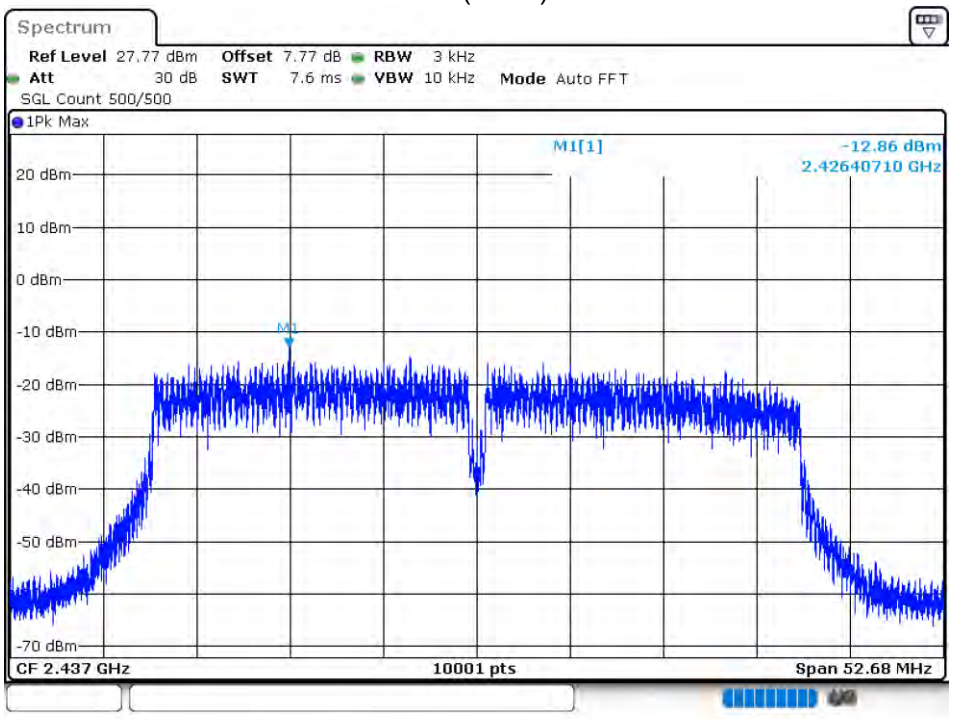
PSD NVNT 802.11n(HT40) 2422MHz Ant1



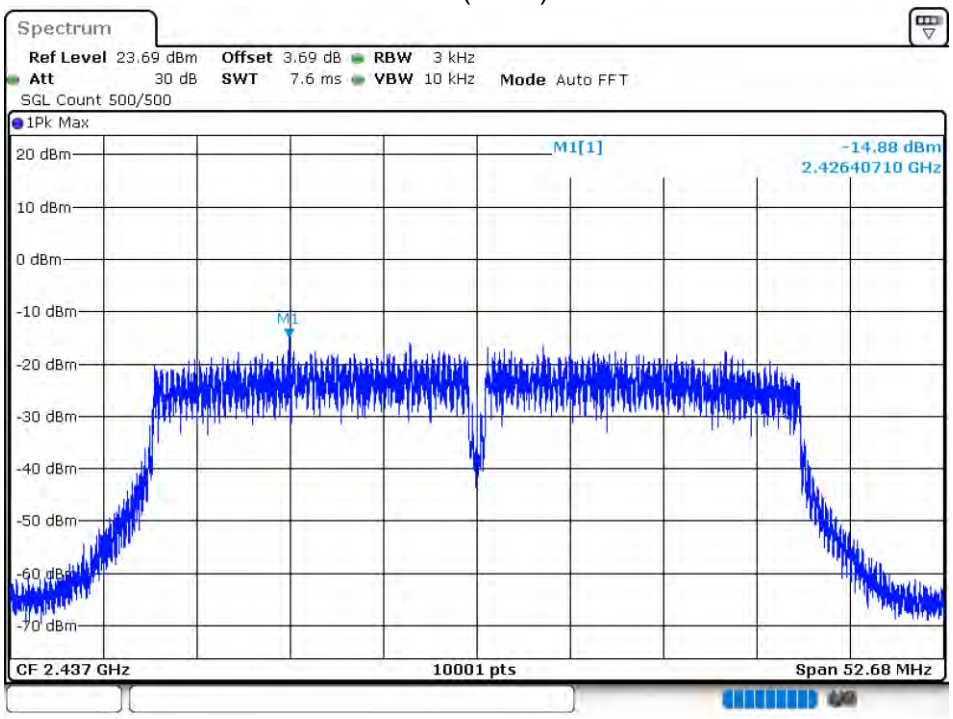
PSD NVNT 802.11n(HT40) 2422MHz Ant2



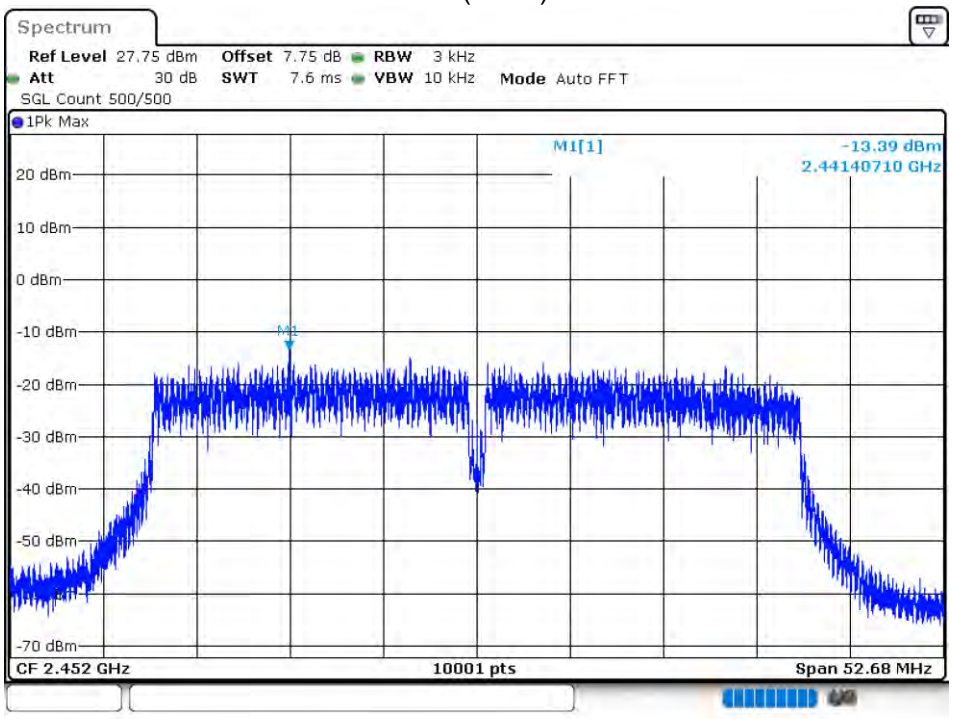
PSD NVNT 802.11n(HT40) 2437MHz Ant1



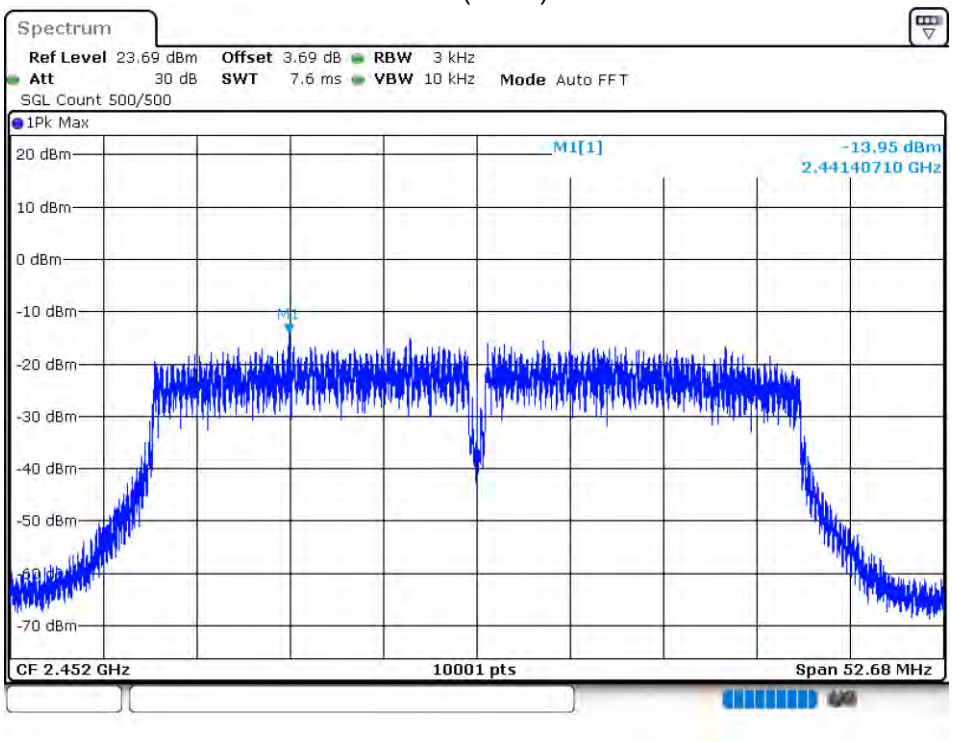
PSD NVNT 802.11n(HT40) 2437MHz Ant2



PSD NVNT 802.11n(HT40) 2452MHz Ant1



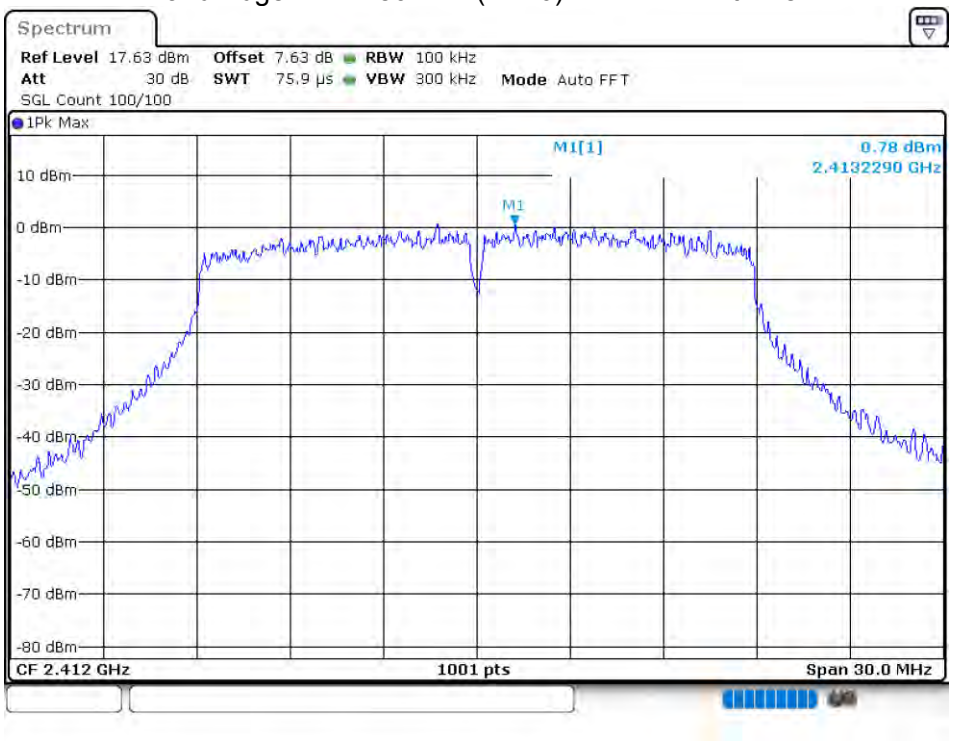
PSD NVNT 802.11n(HT40) 2452MHz Ant2



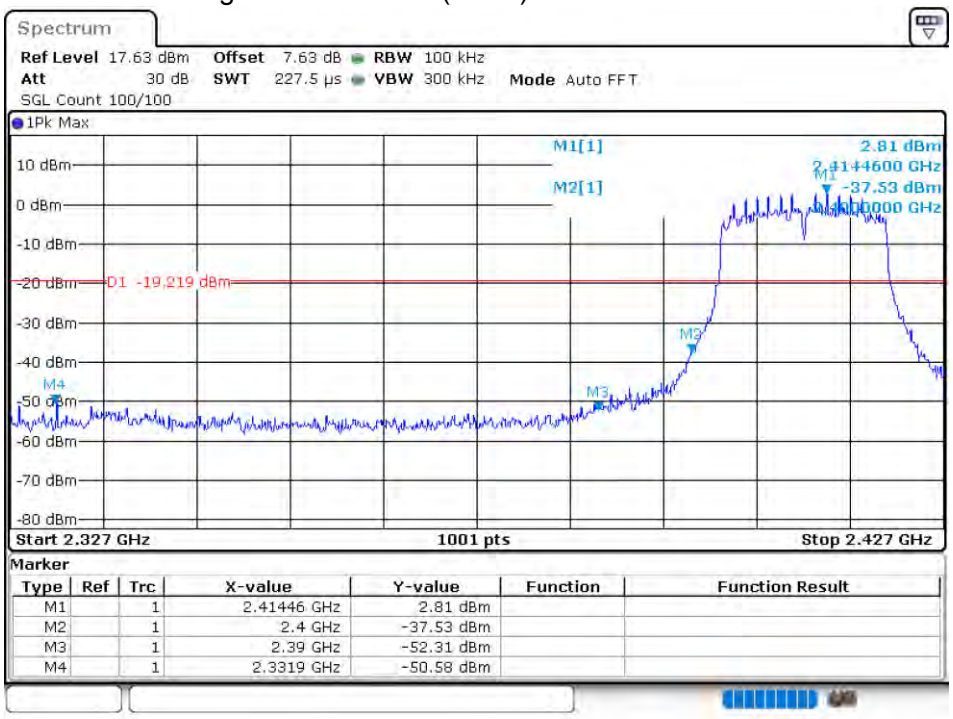
8.7 BAND EDGE

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	802.11n(HT20)	2412	Ant 1	-51.36	-20	Pass
NVNT	802.11n(HT20)	2412	Ant 2	-54.08	-20	Pass
NVNT	802.11n(HT20)	2462	Ant 1	-48.61	-20	Pass
NVNT	802.11n(HT20)	2462	Ant 2	-51.59	-20	Pass
NVNT	802.11n(HT40)	2422	Ant 1	-47.43	-20	Pass
NVNT	802.11n(HT40)	2422	Ant 2	-45.51	-20	Pass
NVNT	802.11n(HT40)	2452	Ant 1	-41.15	-20	Pass
NVNT	802.11n(HT40)	2452	Ant 2	-50.07	-20	Pass

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



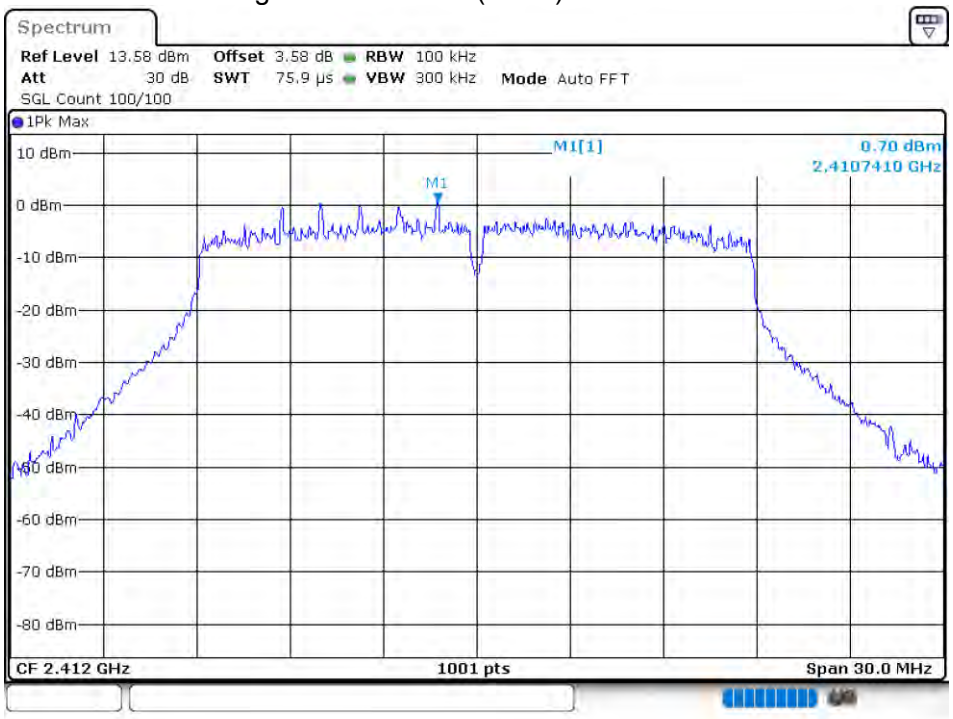
Band Edge NVNT 802.11n(HT20) 2412MHz Ant1 Emission



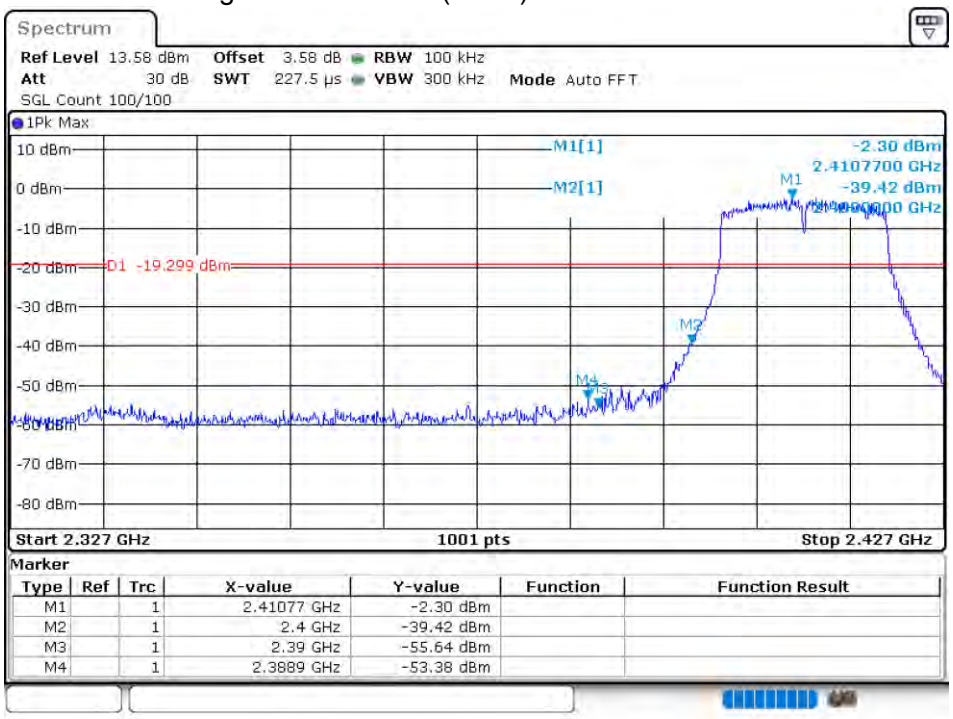
Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.41446 GHz	2.81 dBm		
M2		1	2.4 GHz	-37.53 dBm		
M3		1	2.39 GHz	-52.31 dBm		
M4		1	2.3319 GHz	-50.58 dBm		

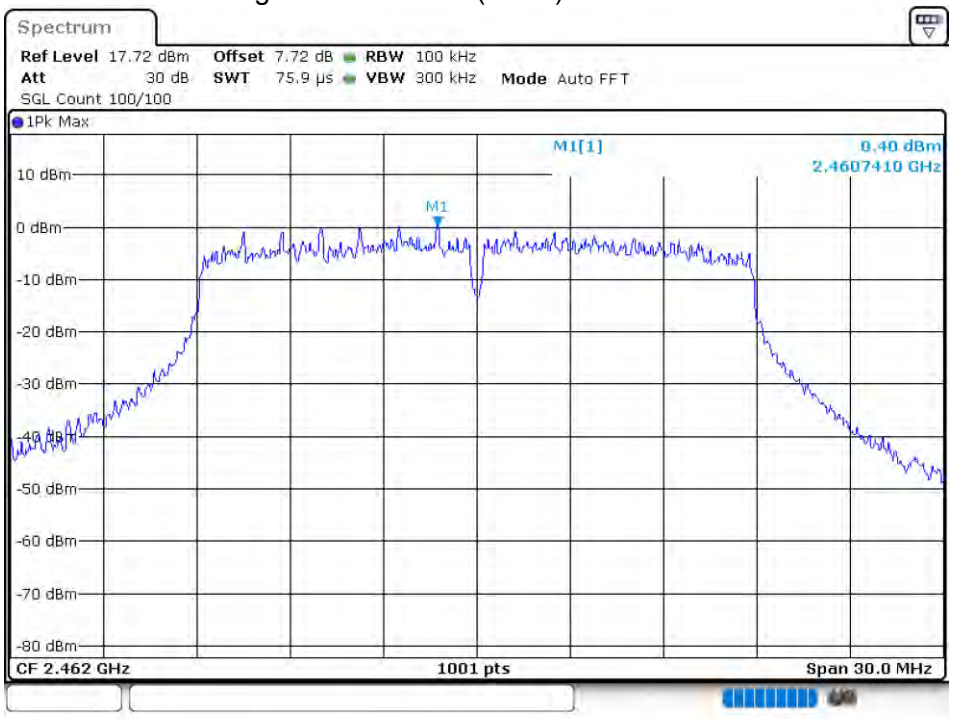
Band Edge NVNT 802.11n(HT20) 2412MHz Ant2 Ref



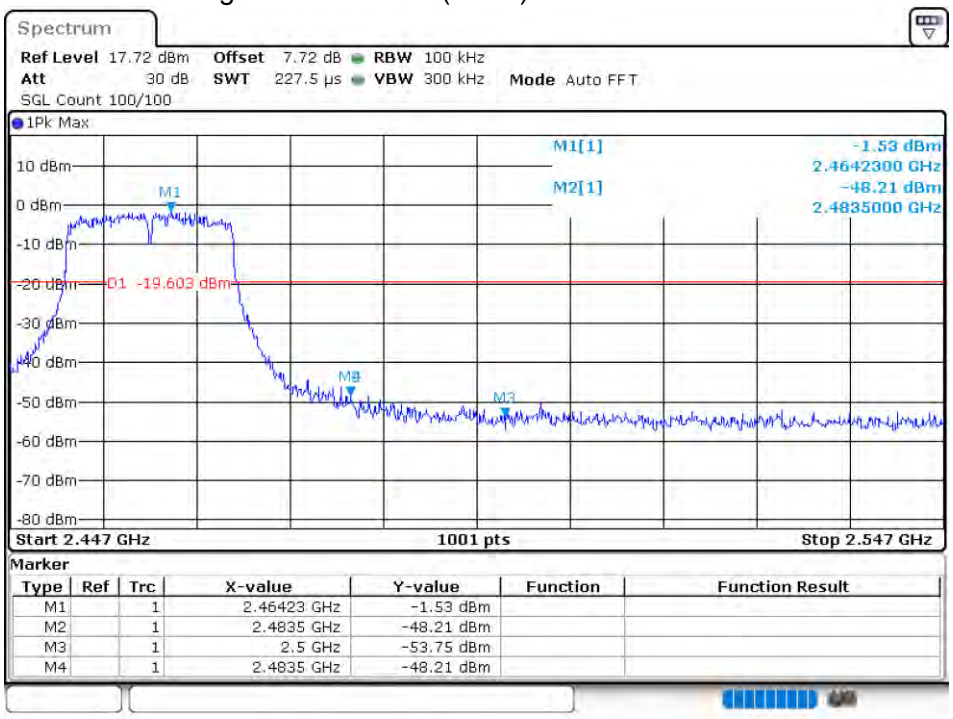
Band Edge NVNT 802.11n(HT20) 2412MHz Ant2 Emission



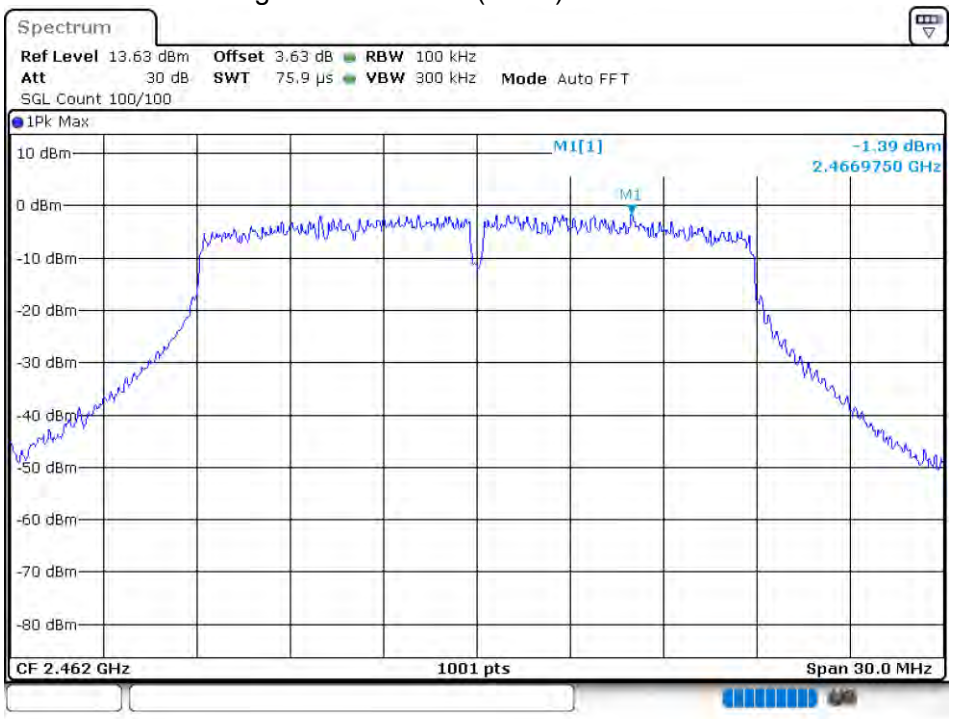
Band Edge NVNT 802.11n(HT20) 2462MHz Ant1 Ref



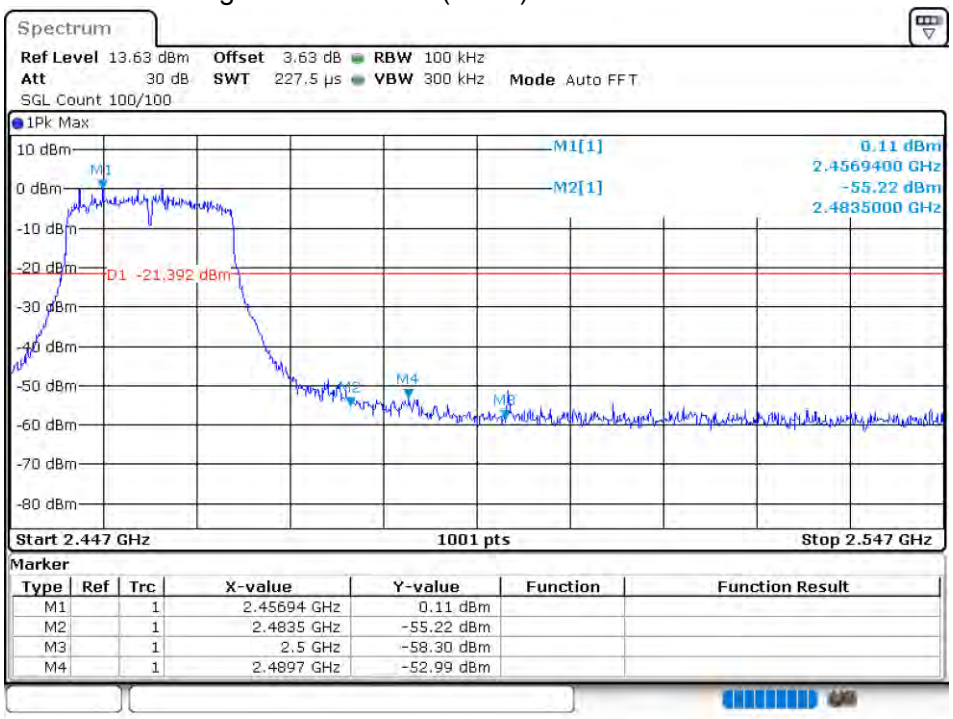
Band Edge NVNT 802.11n(HT20) 2462MHz Ant1 Emission



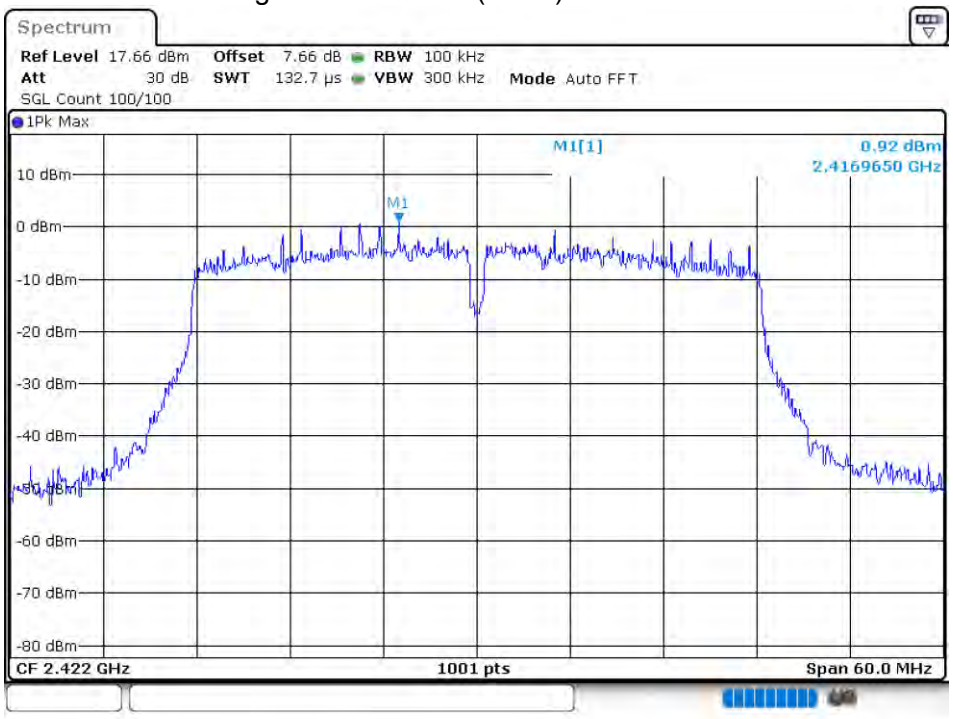
Band Edge NVNT 802.11n(HT20) 2462MHz Ant2 Ref



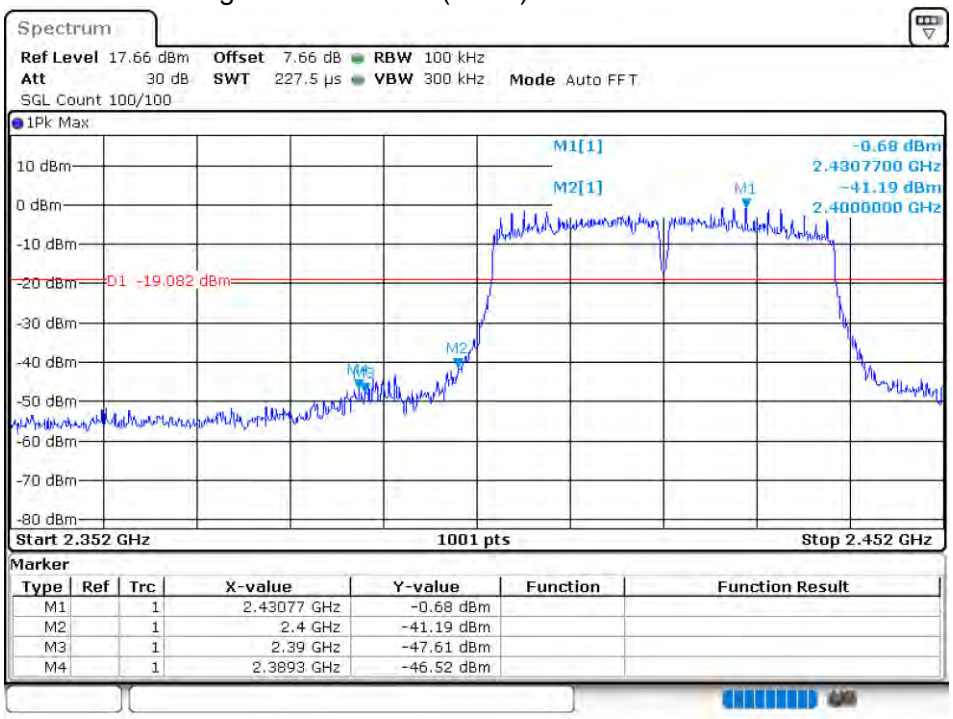
Band Edge NVNT 802.11n(HT20) 2462MHz Ant2 Emission



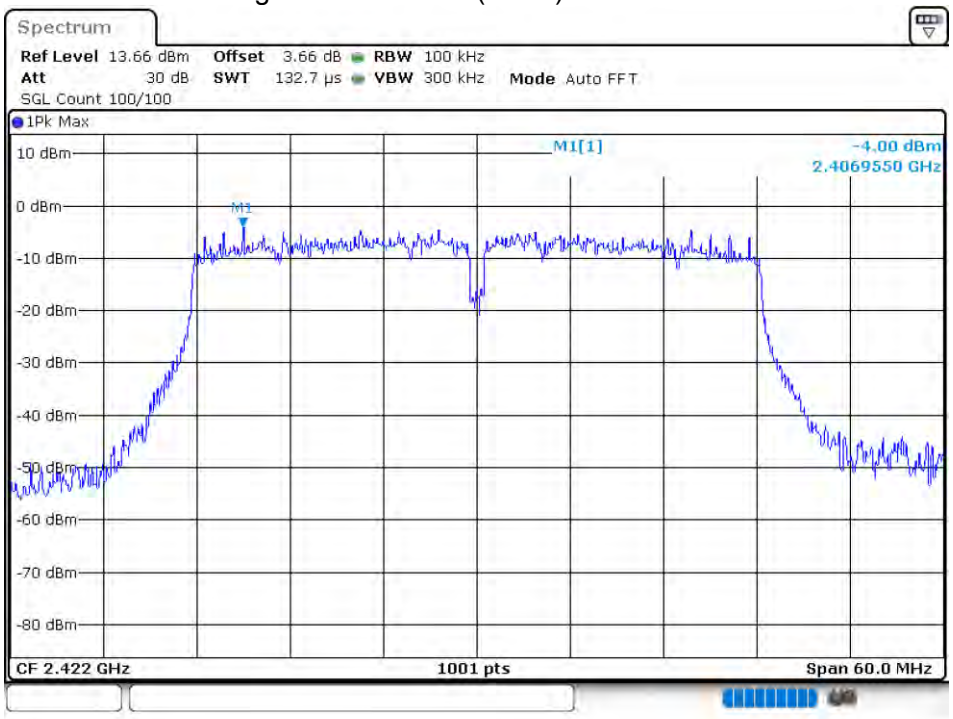
Band Edge NVNT 802.11n(HT40) 2422MHz Ant1 Ref



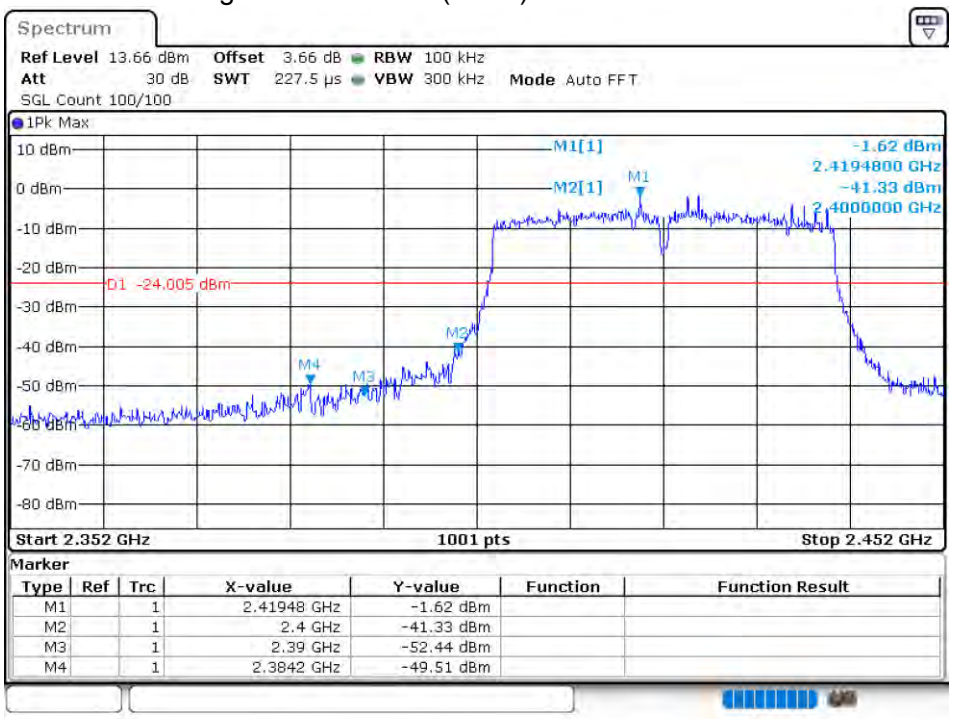
Band Edge NVNT 802.11n(HT40) 2422MHz Ant1 Emission



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



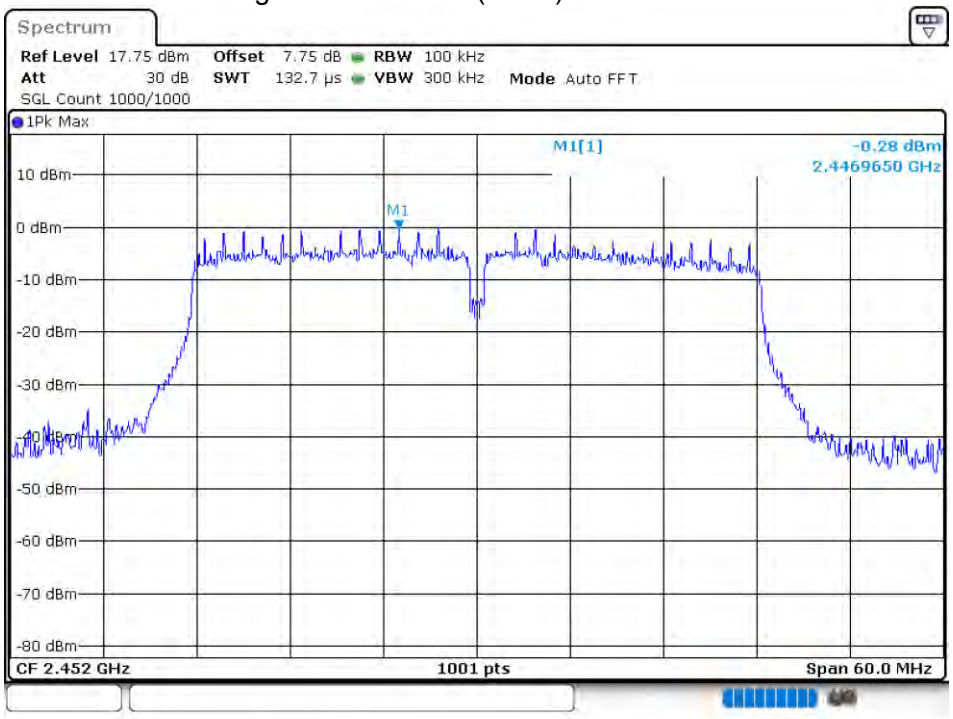
Band Edge NVNT 802.11n(HT40) 2422MHz Ant2 Emission



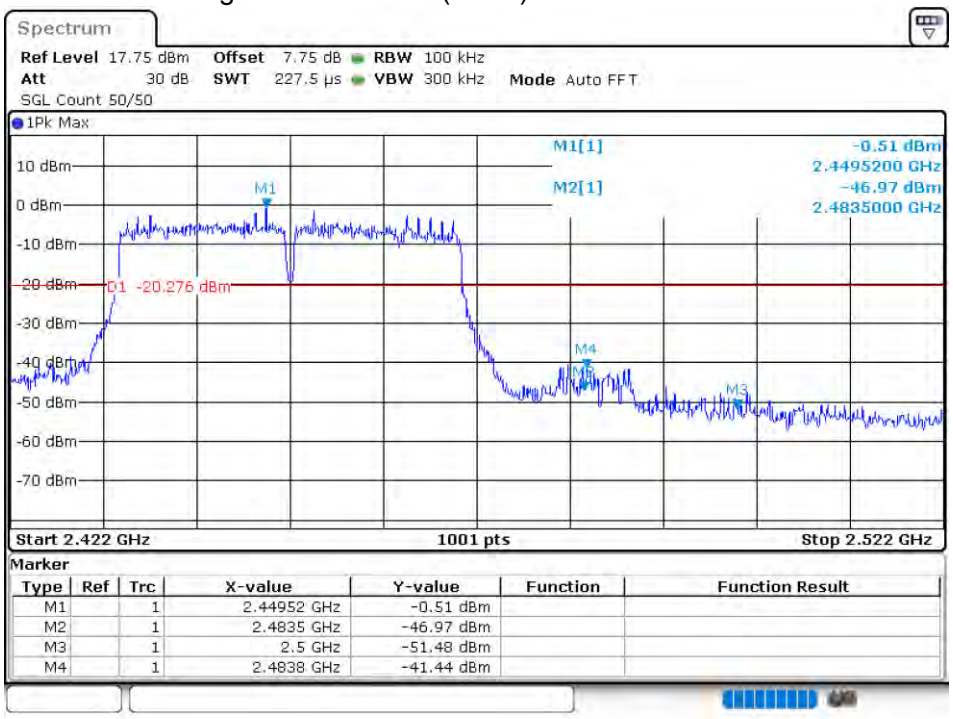
Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.41948 GHz	-1.62 dBm		
M2		1	2.4 GHz	-41.33 dBm		
M3		1	2.39 GHz	-52.44 dBm		
M4		1	2.3842 GHz	-49.51 dBm		

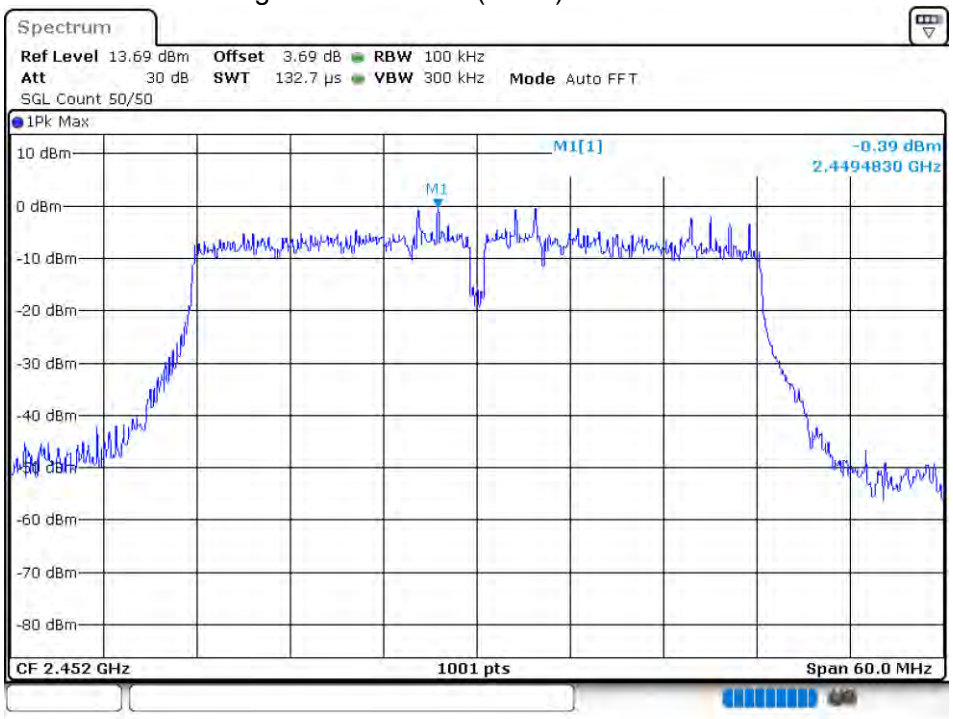
Band Edge NVNT 802.11n(HT40) 2452MHz Ant1 Ref



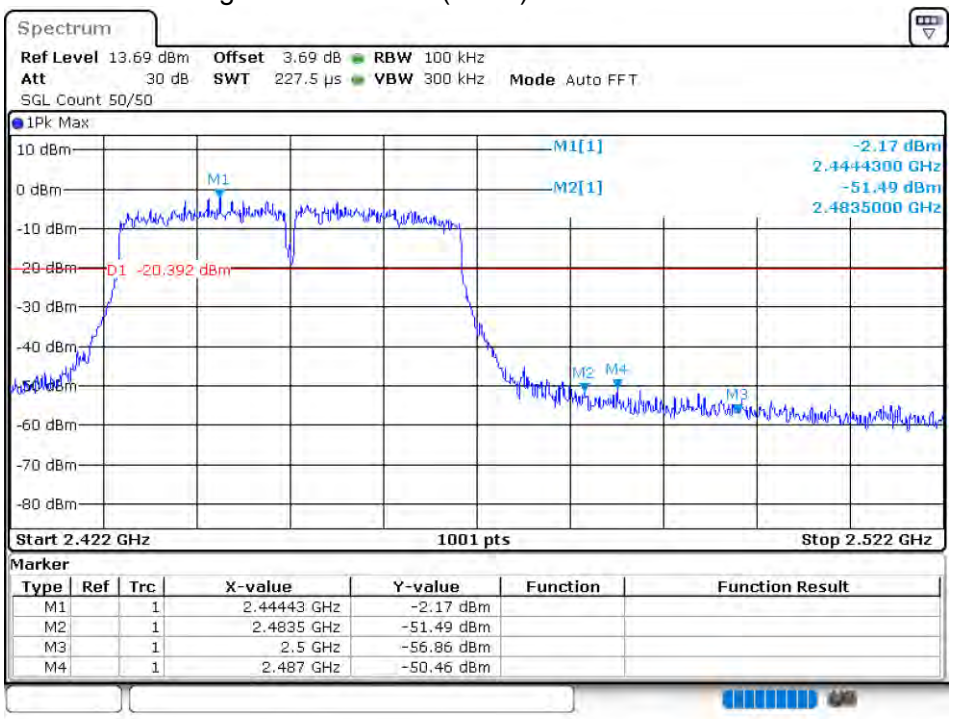
Band Edge NVNT 802.11n(HT40) 2452MHz Ant1 Emission



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



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



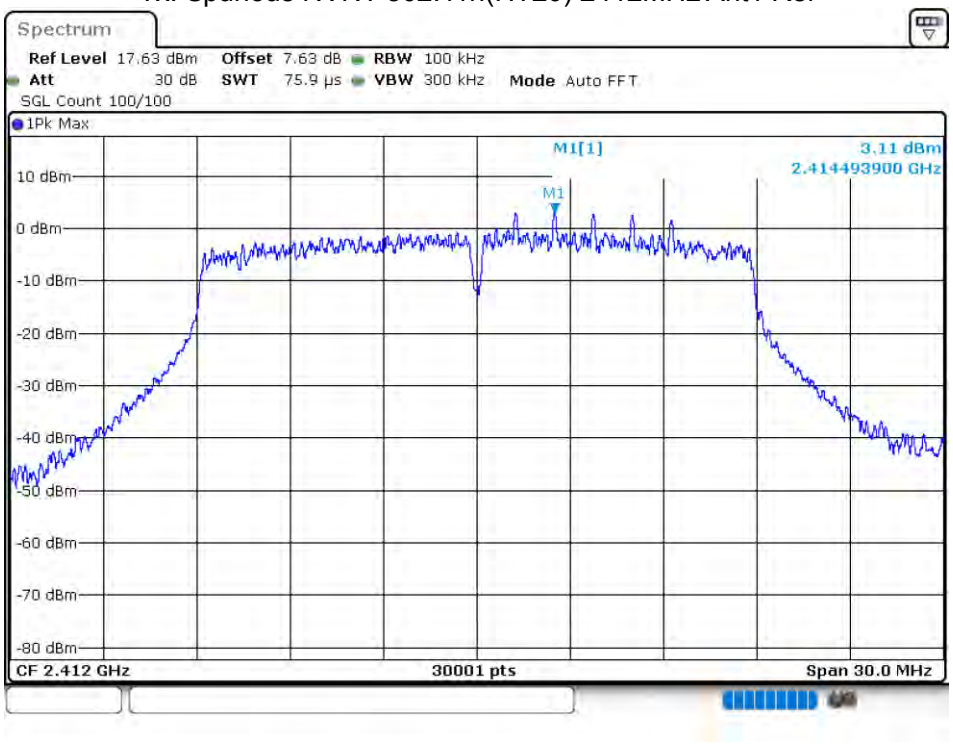
Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.44443 GHz	-2.17 dBm		
M2		1	2.4835 GHz	-51.49 dBm		
M3		1	2.5 GHz	-56.86 dBm		
M4		1	2.487 GHz	-50.46 dBm		

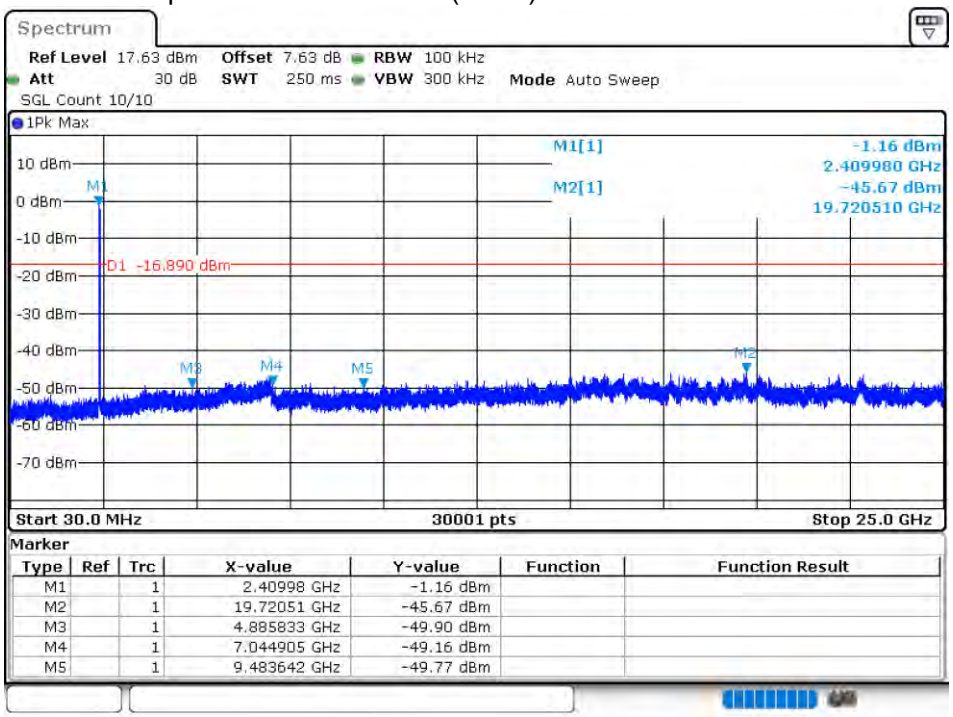
8.8 CONDUCTED RF SPURIOUS EMISSION

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	802.11n(HT20)	2412	Ant 1	-48.78	-20	Pass
NVNT	802.11n(HT20)	2412	Ant 2	-47.37	-20	Pass
NVNT	802.11n(HT20)	2437	Ant 1	-45.74	-20	Pass
NVNT	802.11n(HT20)	2437	Ant 2	-48.57	-20	Pass
NVNT	802.11n(HT20)	2462	Ant 1	-44.78	-20	Pass
NVNT	802.11n(HT20)	2462	Ant 2	-47.38	-20	Pass
NVNT	802.11n(HT40)	2422	Ant 1	-44.52	-20	Pass
NVNT	802.11n(HT40)	2422	Ant 2	-43.65	-20	Pass
NVNT	802.11n(HT40)	2437	Ant 1	-45.86	-20	Pass
NVNT	802.11n(HT40)	2437	Ant 2	-45.06	-20	Pass
NVNT	802.11n(HT40)	2452	Ant 1	-45.66	-20	Pass
NVNT	802.11n(HT40)	2452	Ant 2	-44	-20	Pass

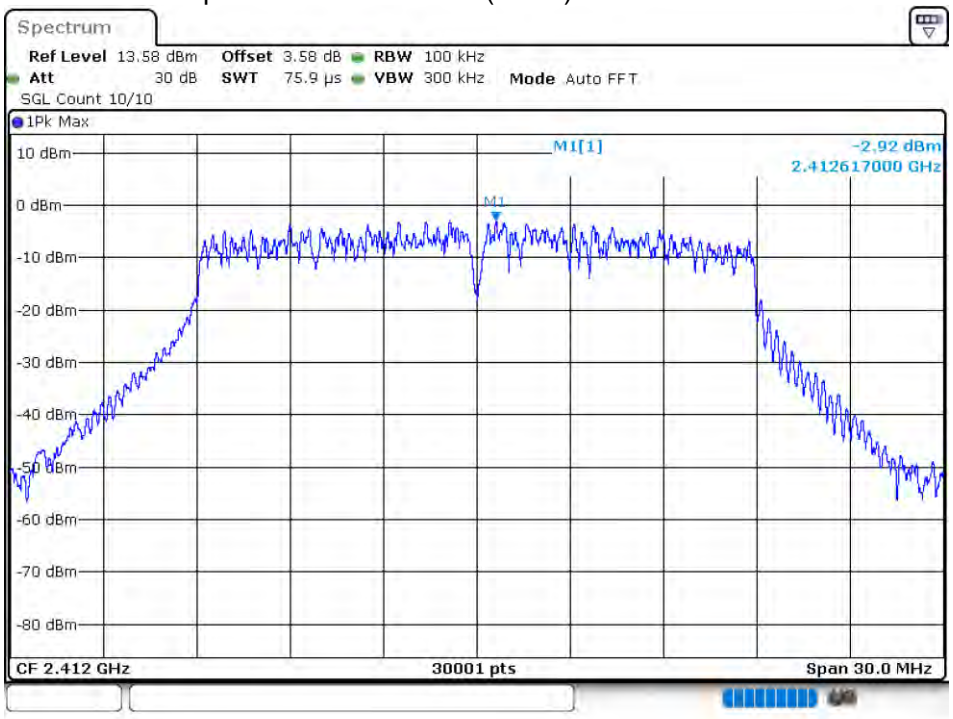
Tx. Spurious NVNT 802.11n(HT20) 2412MHz Ant1 Ref



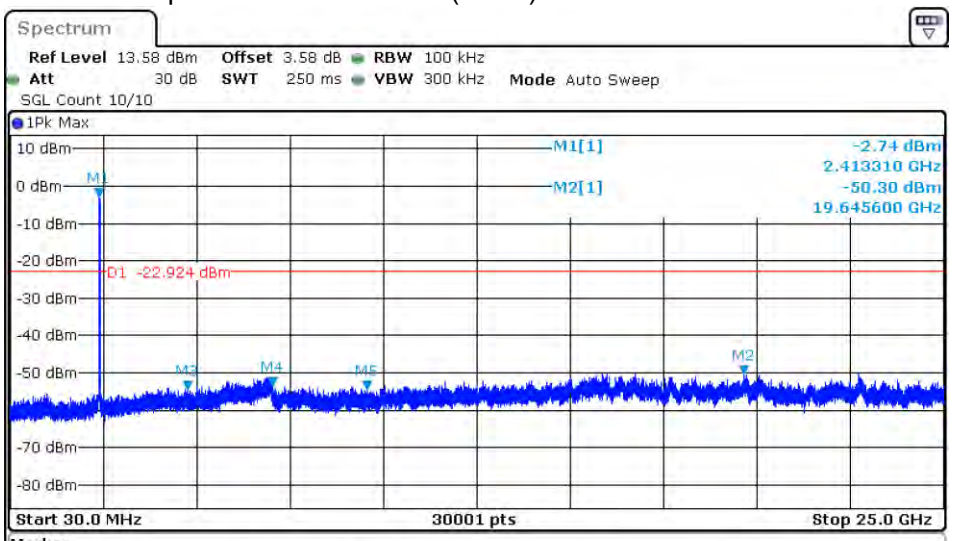
Tx. Spurious NVNT 802.11n(HT20) 2412MHz Ant1 Emission



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



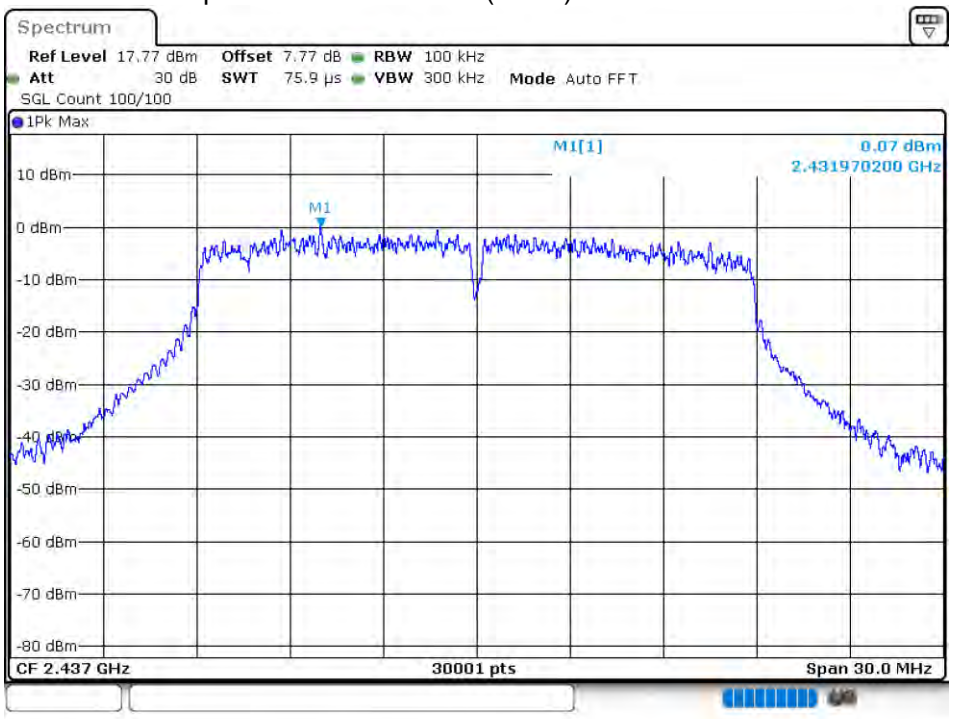
Tx. Spurious NVNT 802.11n(HT20) 2412MHz Ant2 Emission



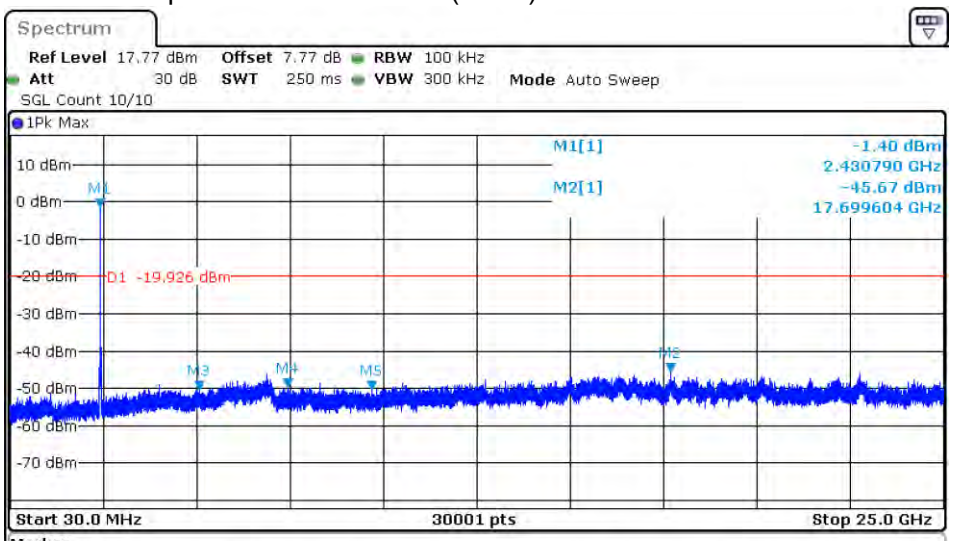
Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.41331 GHz	-2.74 dBm		
M2		1	19.6456 GHz	-50.30 dBm		
M3		1	4.780126 GHz	-54.41 dBm		
M4		1	7.041576 GHz	-53.43 dBm		
M5		1	9.56854 GHz	-54.42 dBm		

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



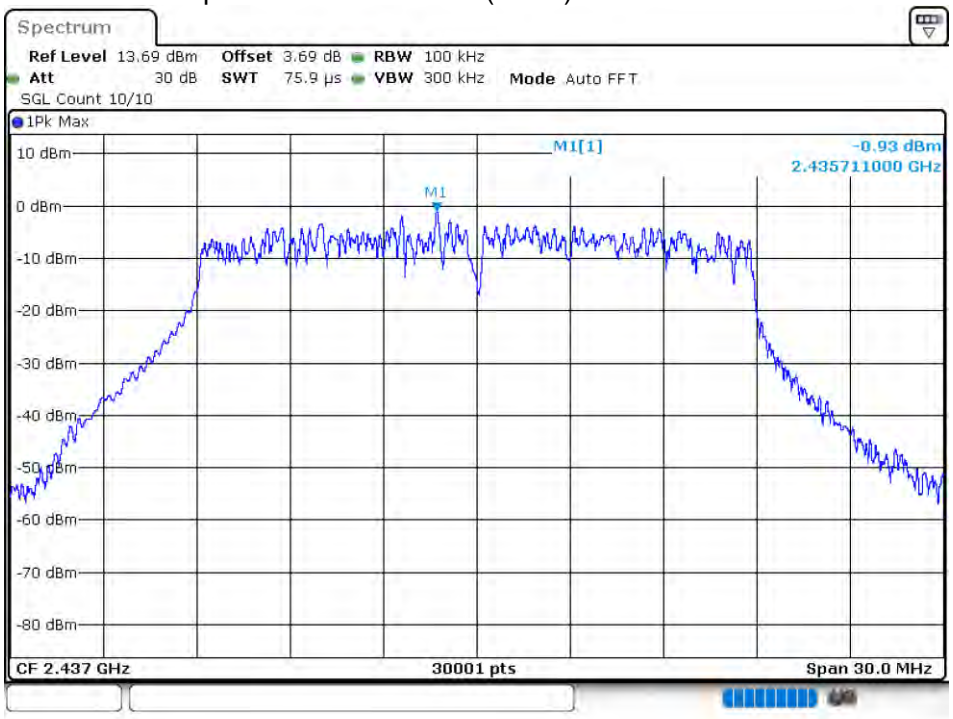
Tx. Spurious NVNT 802.11n(HT20) 2437MHz Ant1 Emission



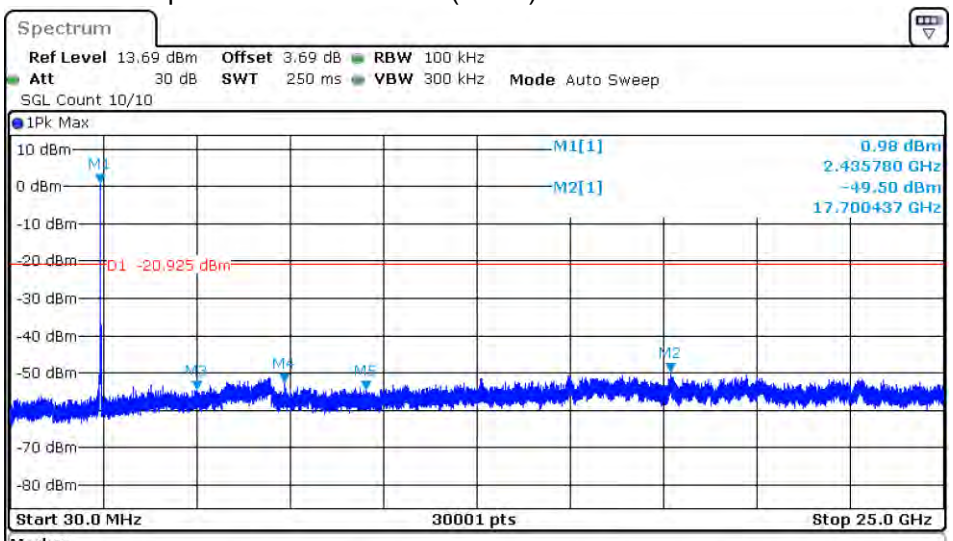
Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.43079 GHz	-1.40 dBm		
M2		1	17.699604 GHz	-45.67 dBm		
M3		1	5.072275 GHz	-50.25 dBm		
M4		1	7.446922 GHz	-49.75 dBm		
M5		1	9.702546 GHz	-50.19 dBm		

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



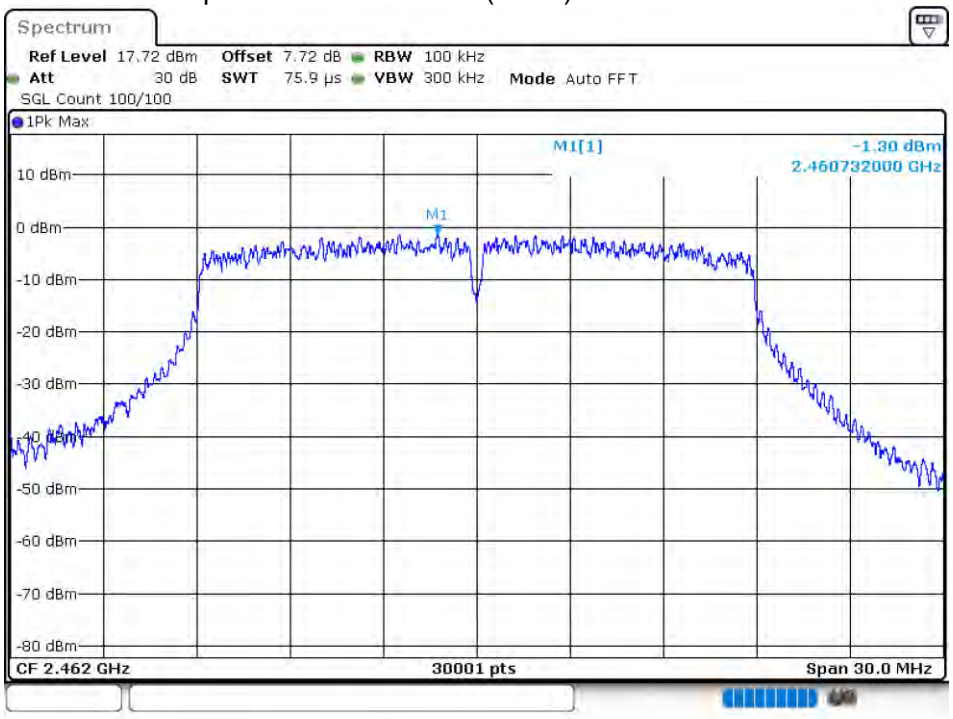
Tx. Spurious NVNT 802.11n(HT20) 2437MHz Ant2 Emission



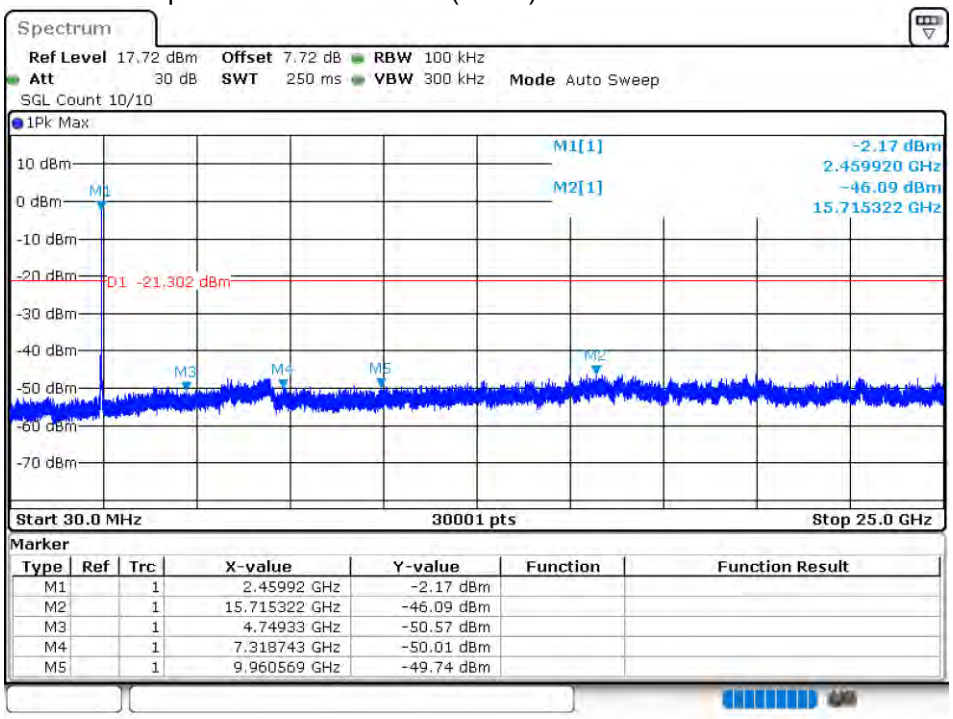
Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.43578 GHz	0.98 dBm		
M2		1	17.700437 GHz	-49.50 dBm		
M3		1	5.030659 GHz	-54.49 dBm		
M4		1	7.363689 GHz	-52.46 dBm		
M5		1	9.559384 GHz	-54.24 dBm		

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



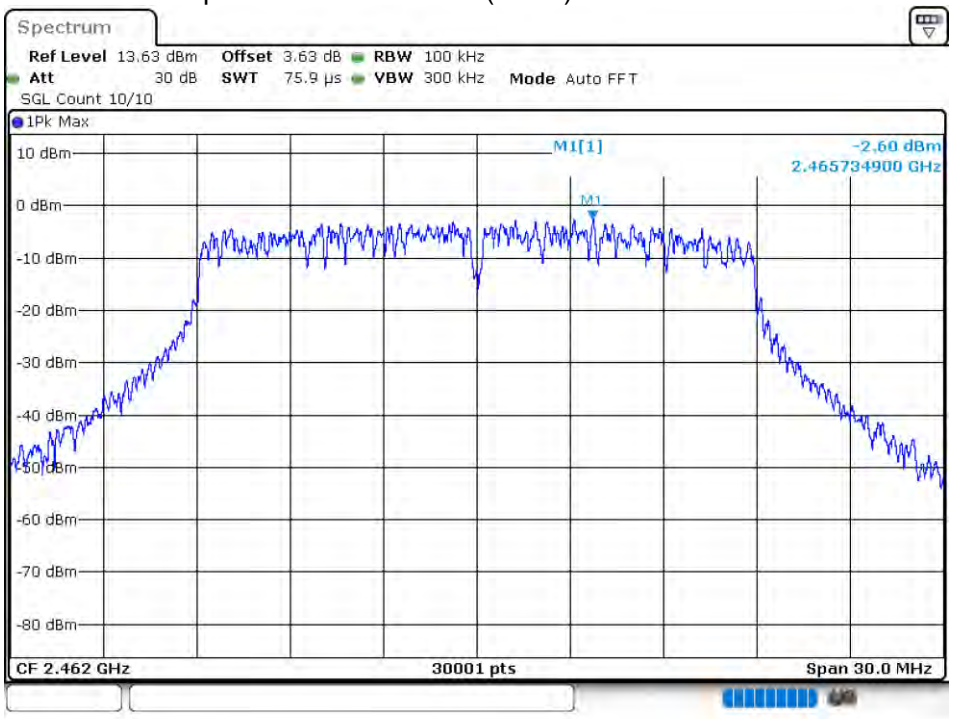
Tx. Spurious NVNT 802.11n(HT20) 2462MHz Ant1 Emission



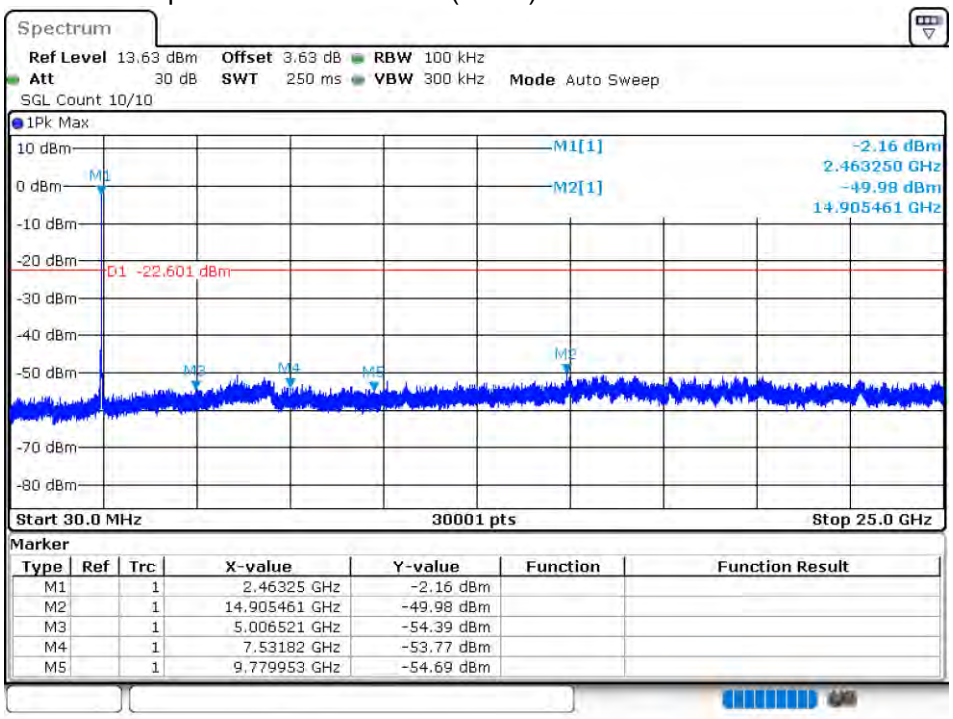
Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.45992 GHz	-2.17 dBm		
M2		1	15.715322 GHz	-46.09 dBm		
M3		1	4.74933 GHz	-50.57 dBm		
M4		1	7.318743 GHz	-50.01 dBm		
M5		1	9.960569 GHz	-49.74 dBm		

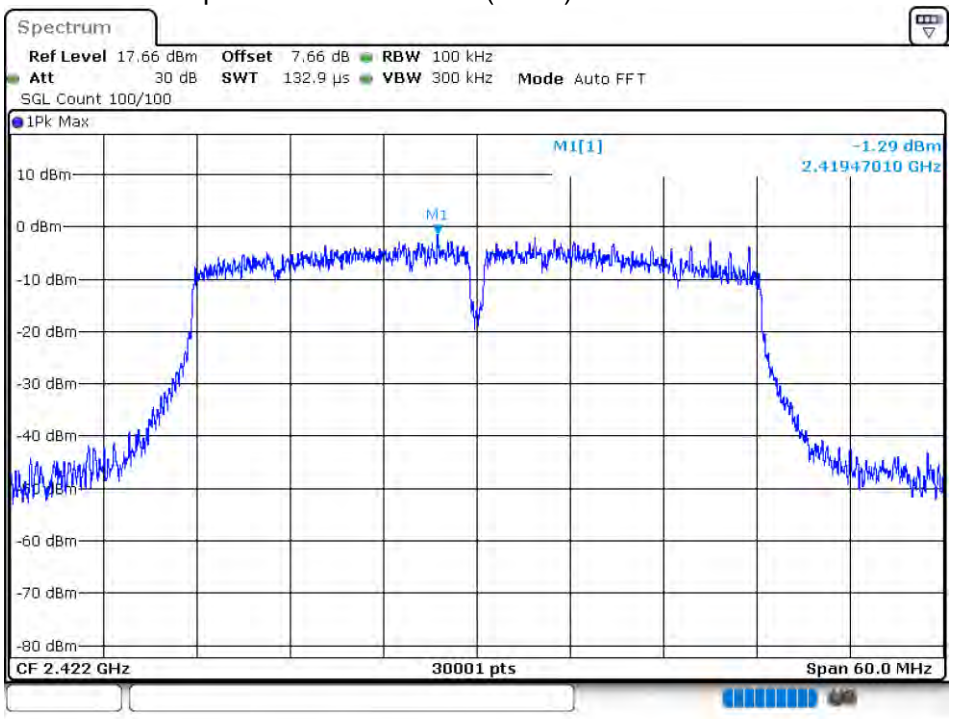
Tx. Spurious NVNT 802.11n(HT20) 2462MHz Ant2 Ref



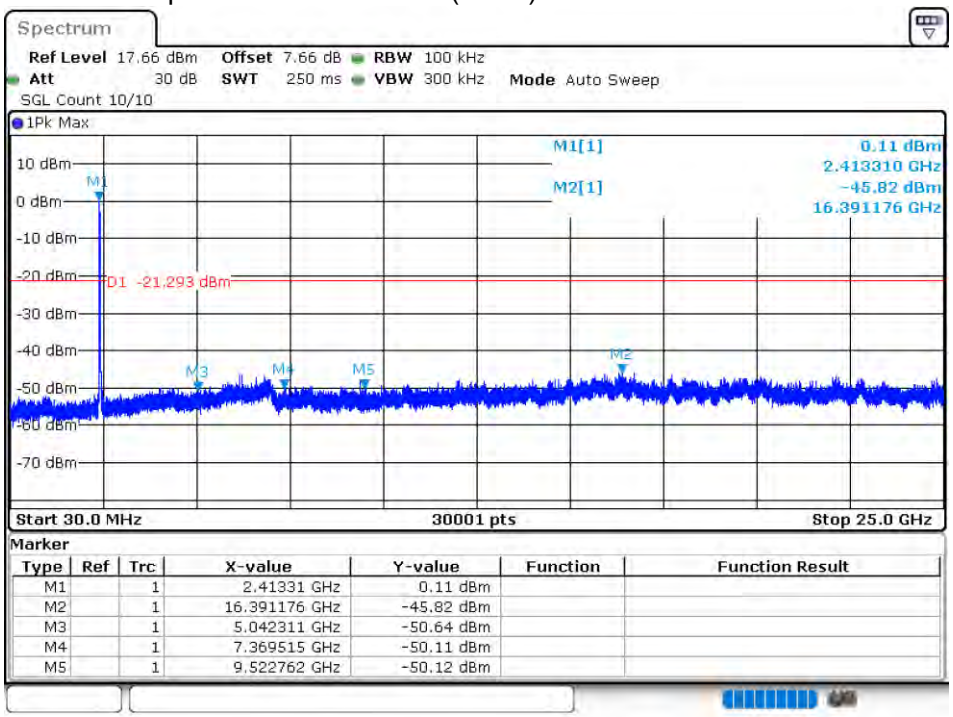
Tx. Spurious NVNT 802.11n(HT20) 2462MHz Ant2 Emission



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



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



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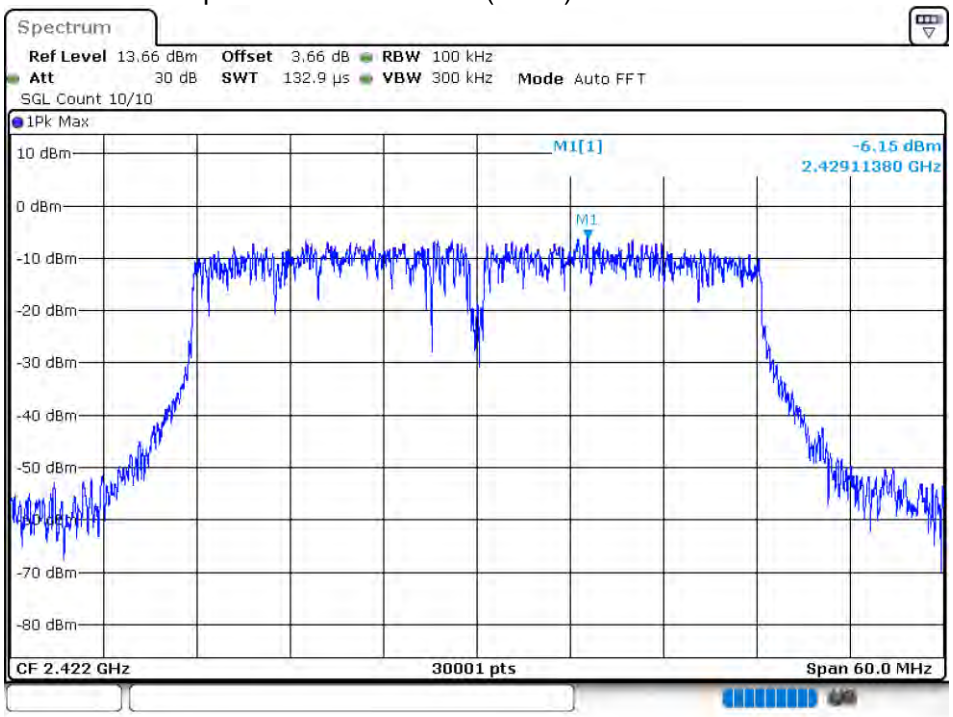

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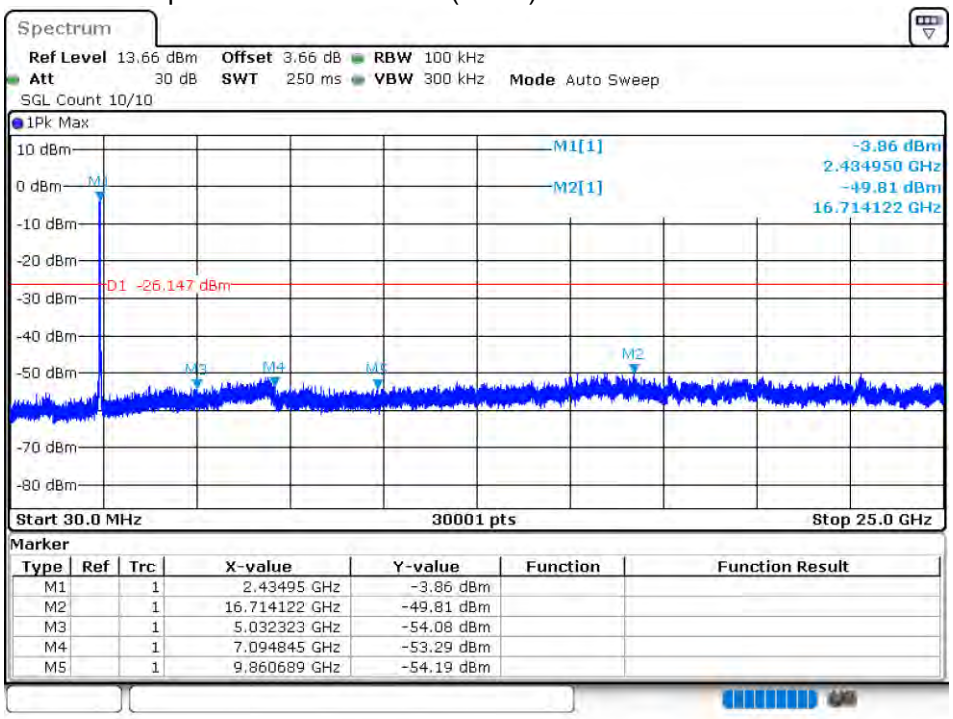

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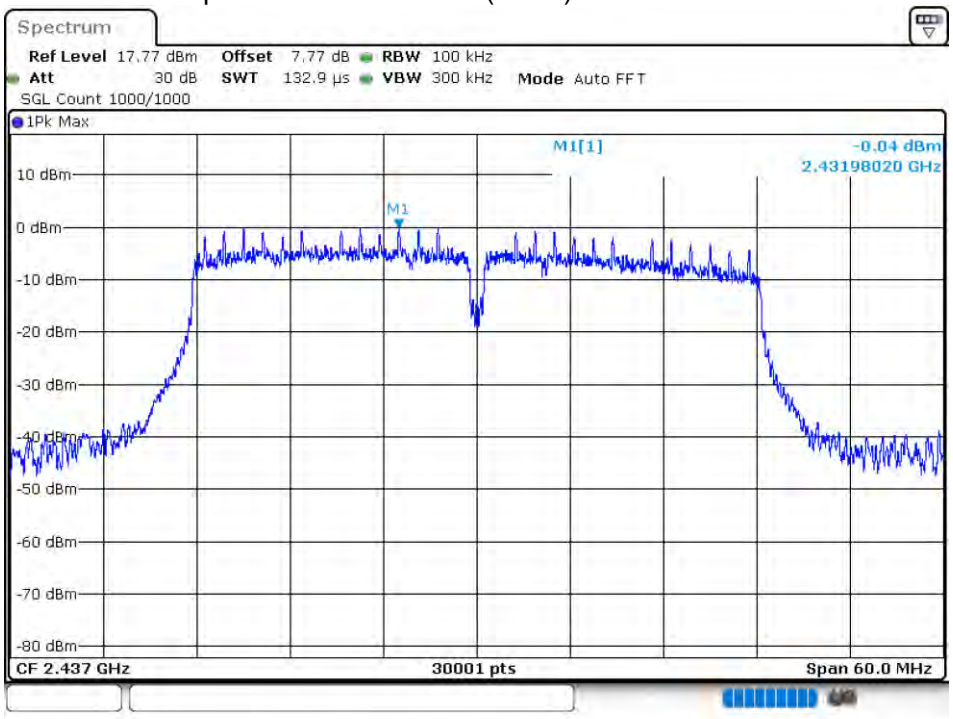

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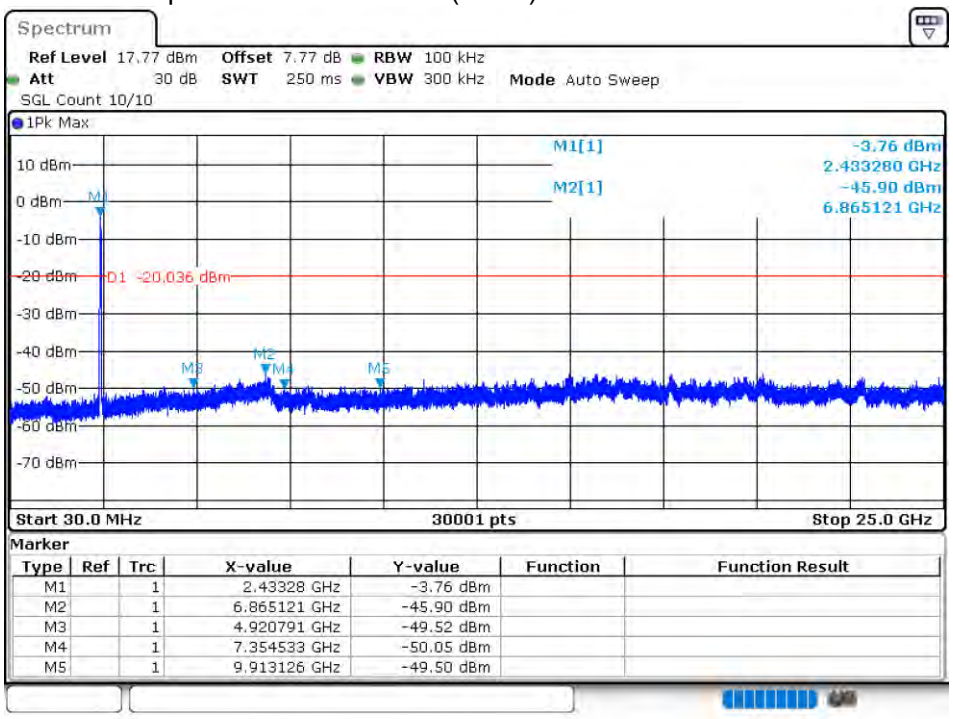
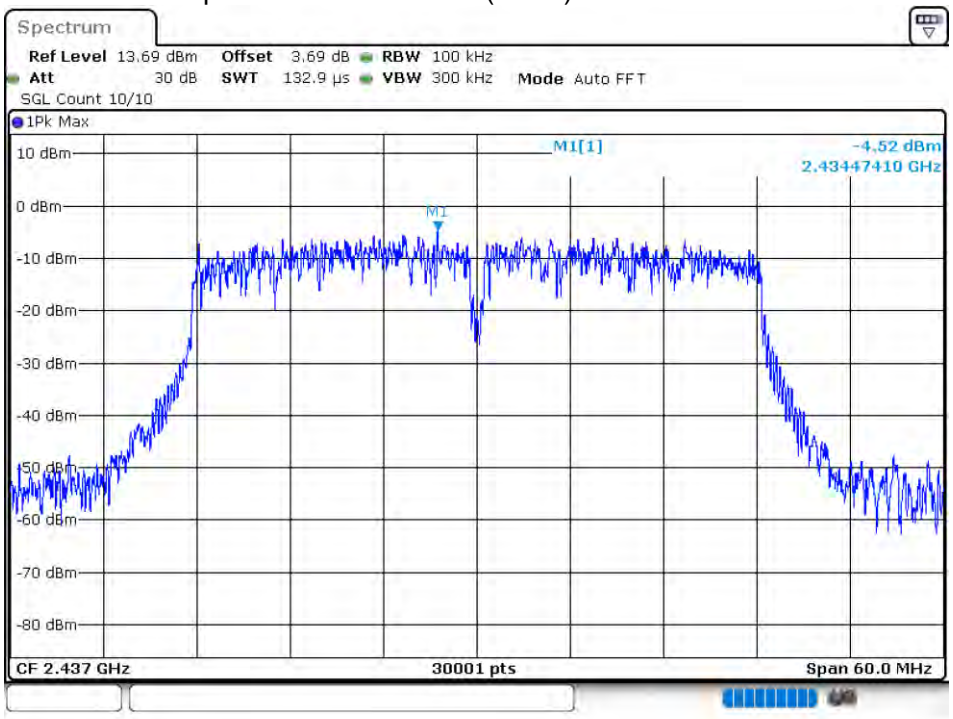


Tx. Spurious NVNT 802.11n(HT40) 2437MHz Ant2 Ref



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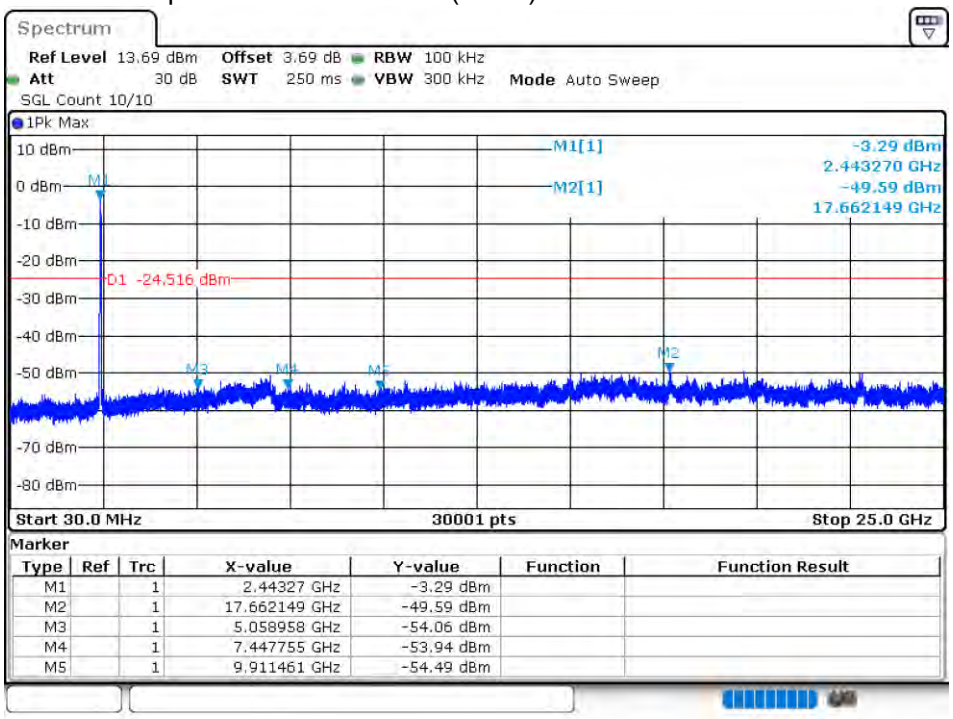

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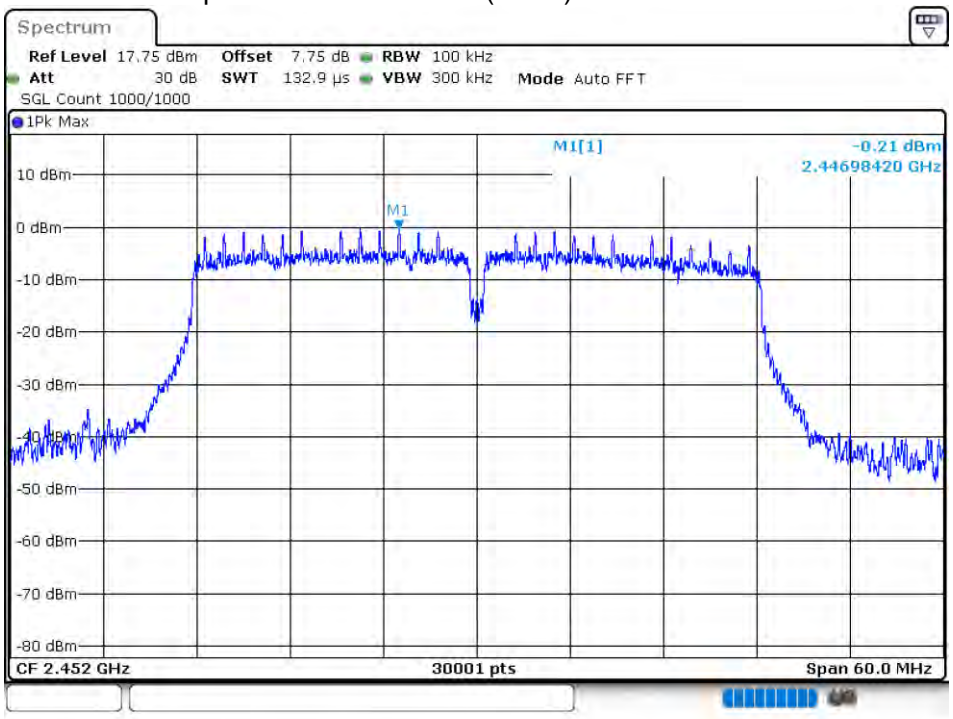

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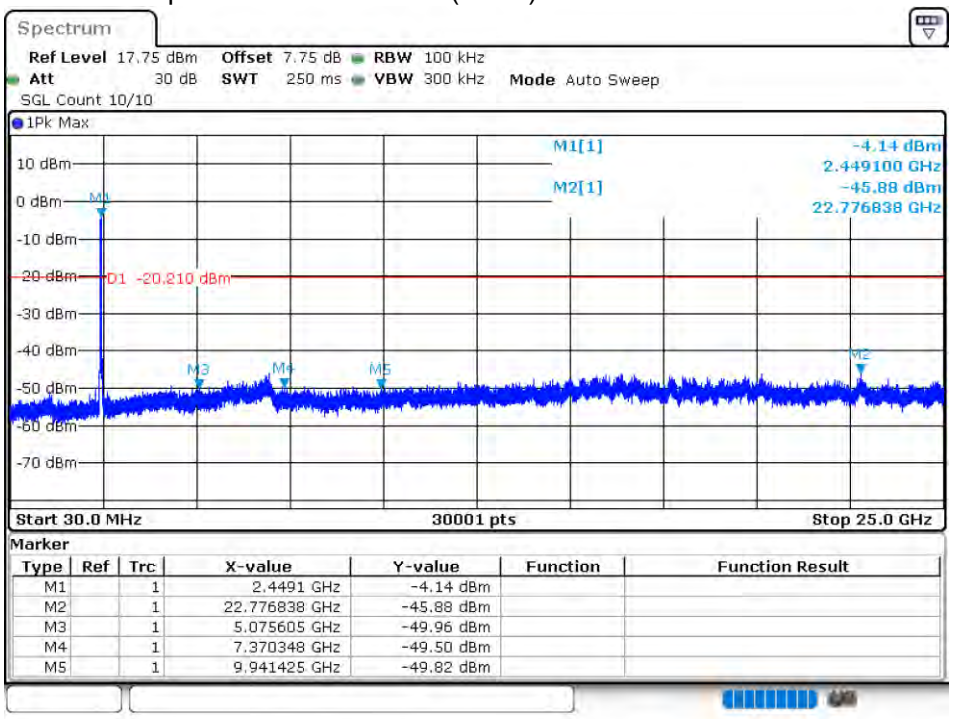

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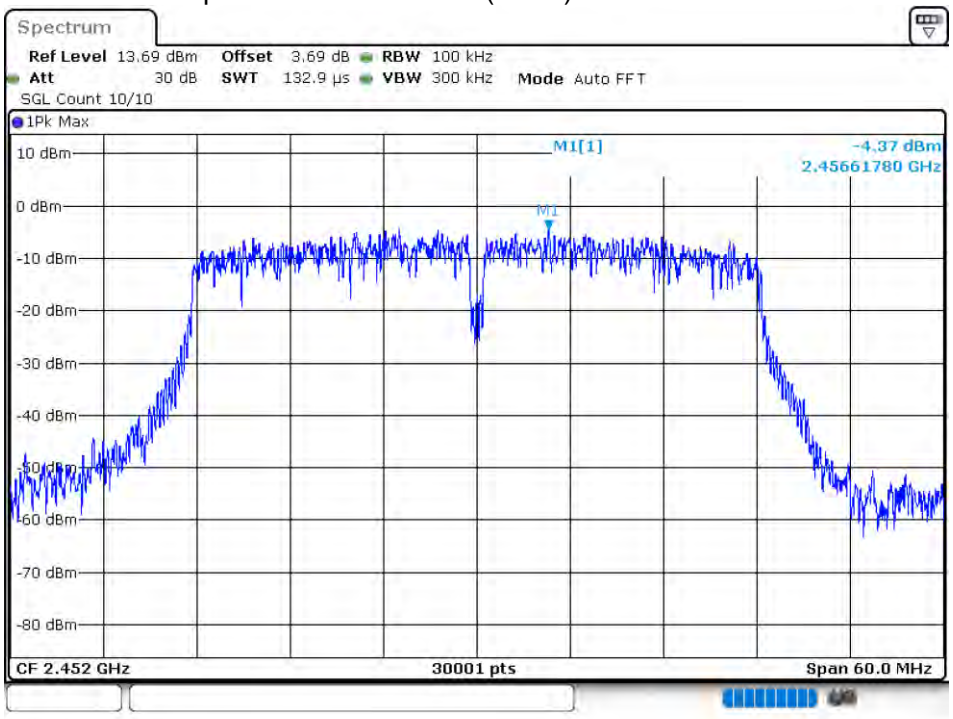
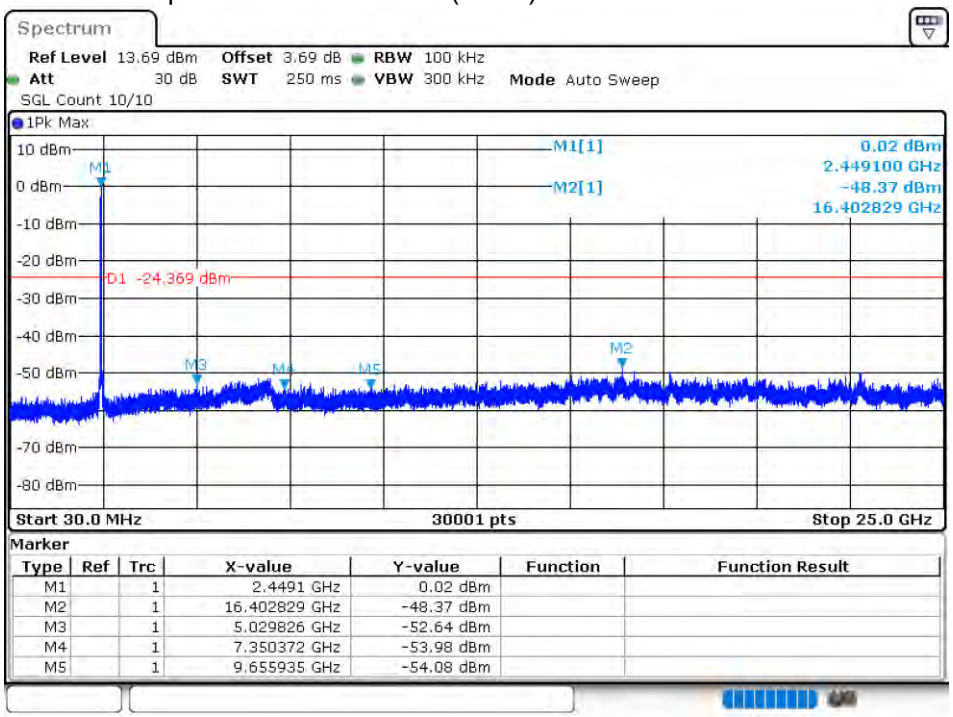


Tx. Spurious NVNT 802.11n(HT40) 2452MHz Ant2 Emission



END OF REPORT