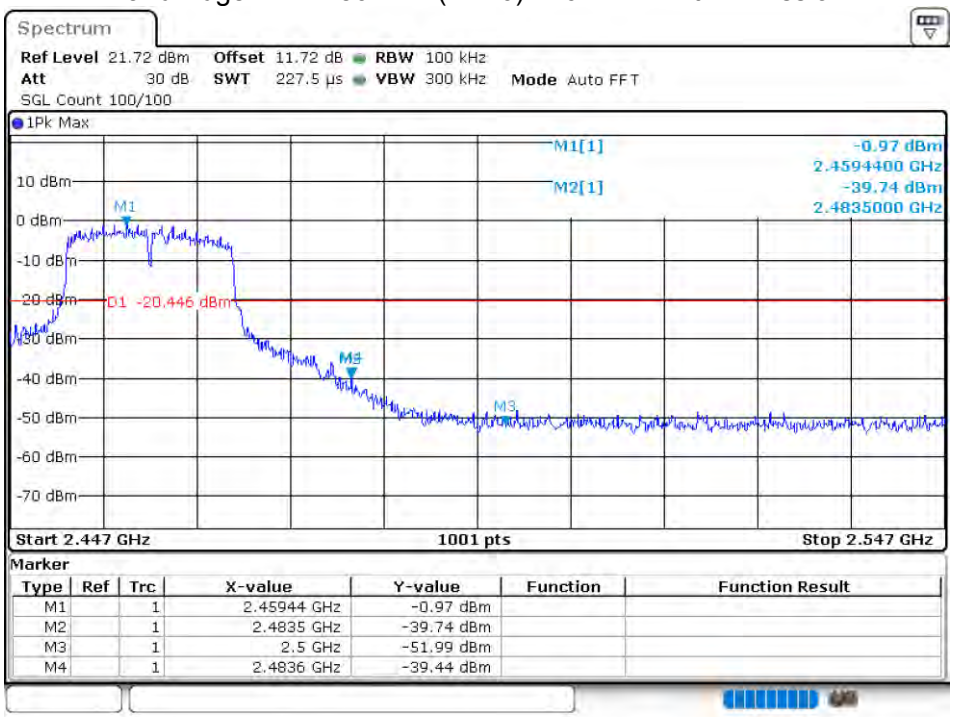
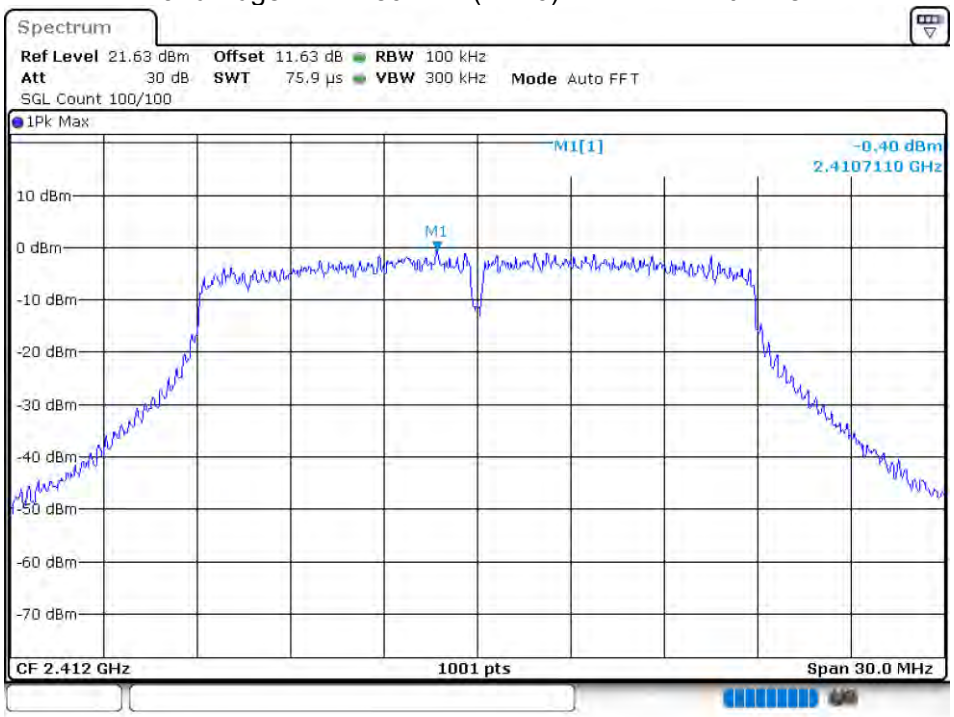
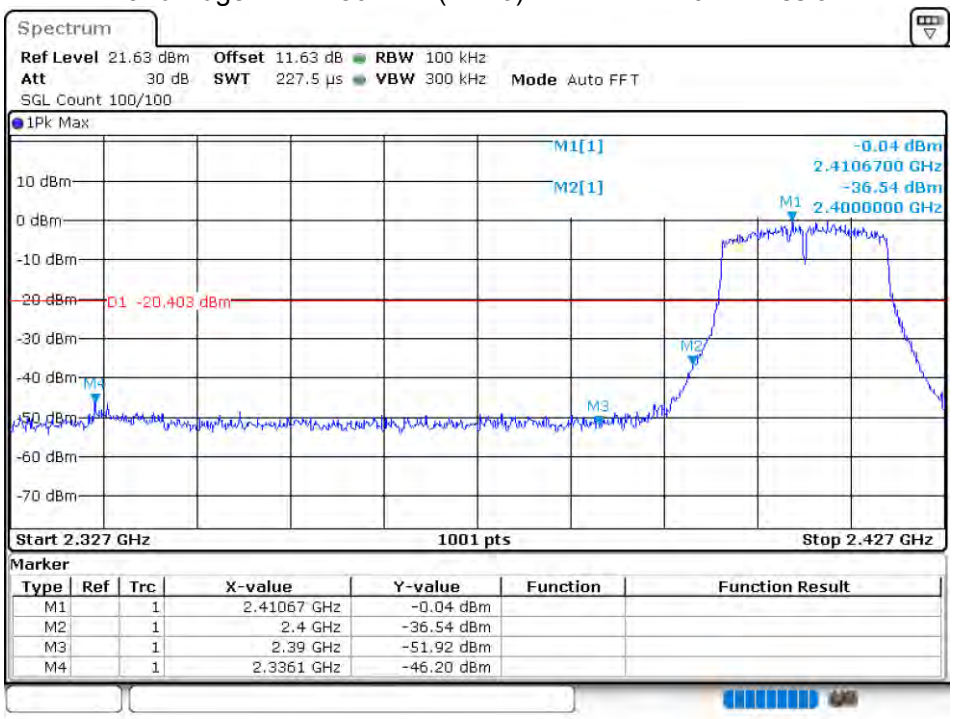
Band Edge NVNT 802.11n(HT20) 2462MHz Ant 1 Emission



Band Edge NVNT 802.11n(HT20) 2412MHz Ant 2 Ref



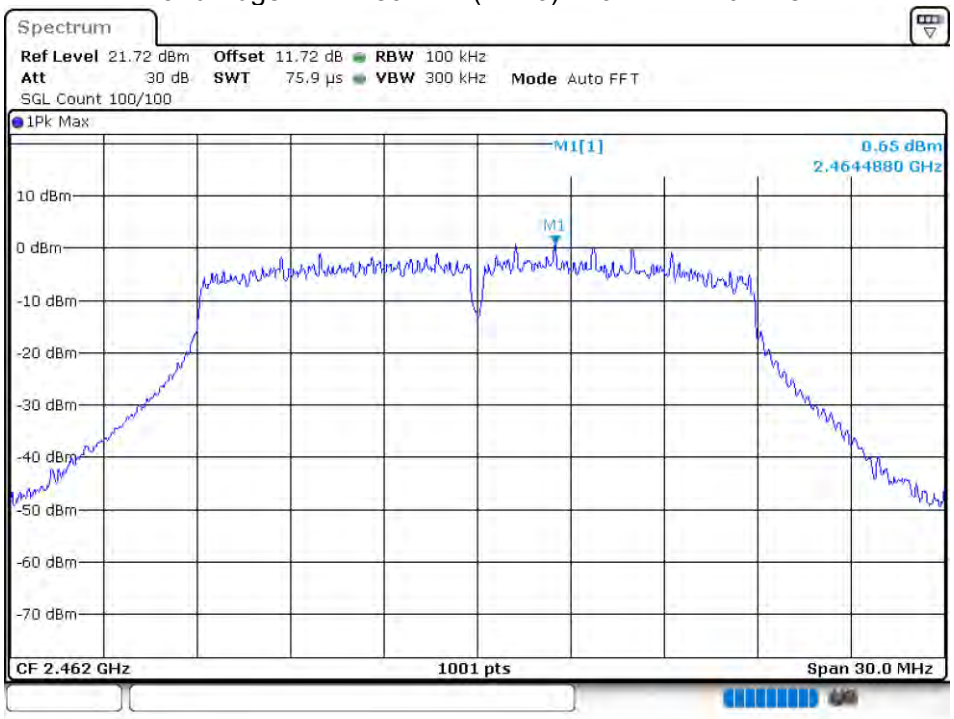
Band Edge NVNT 802.11n(HT20) 2412MHz Ant 2 Emission



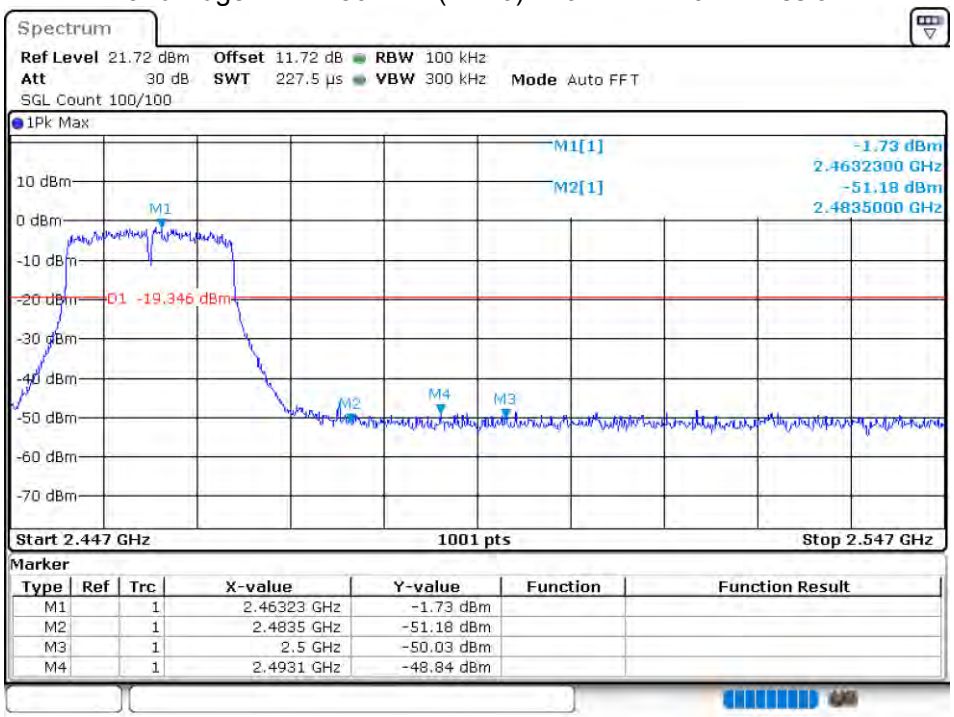
Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.41067 GHz	-0.04 dBm		
M2		1	2.4 GHz	-36.54 dBm		
M3		1	2.39 GHz	-51.92 dBm		
M4		1	2.3361 GHz	-46.20 dBm		

Band Edge NVNT 802.11n(HT20) 2462MHz Ant 2 Ref



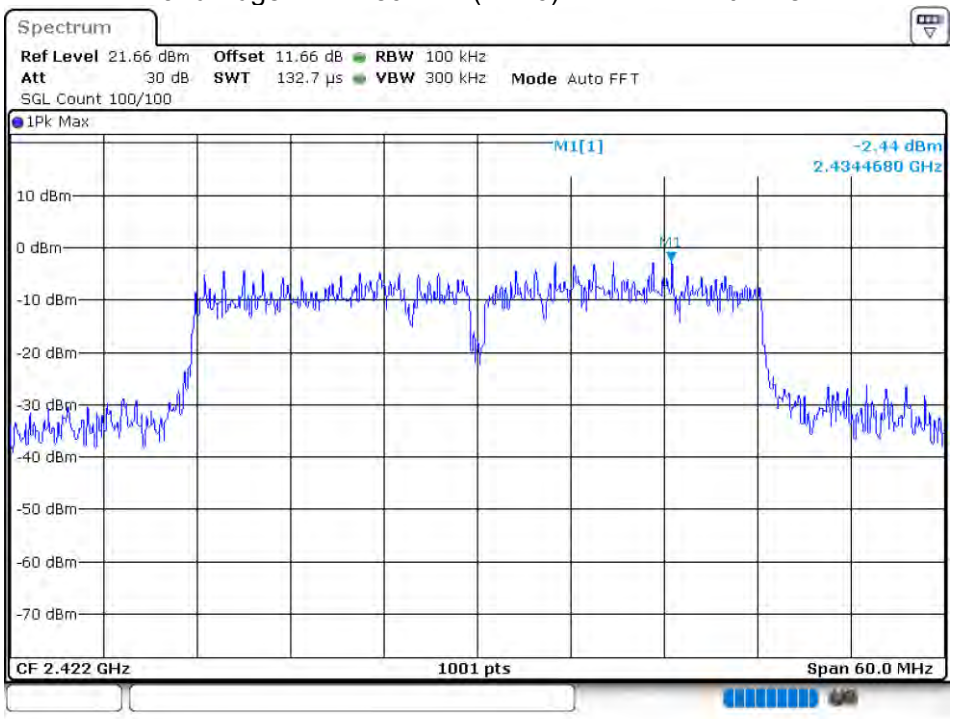
Band Edge NVNT 802.11n(HT20) 2462MHz Ant 2 Emission



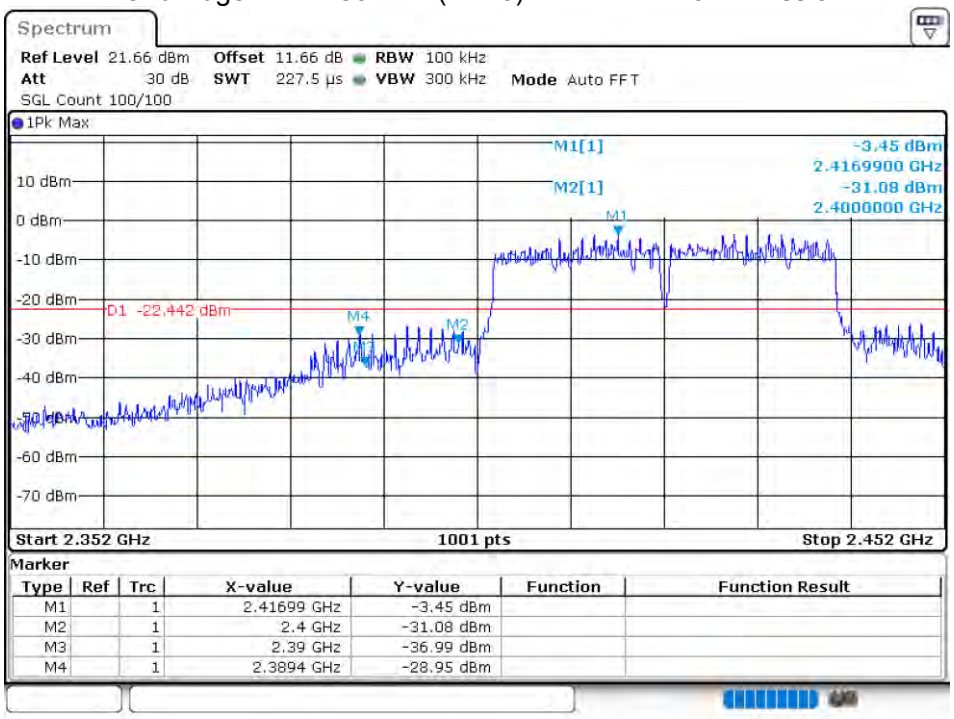
Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.46323 GHz	-1.73 dBm		
M2		1	2.4835 GHz	-51.18 dBm		
M3		1	2.5 GHz	-50.03 dBm		
M4		1	2.4931 GHz	-48.84 dBm		

Band Edge NVNT 802.11n(HT40) 2422MHz Ant 1 Ref



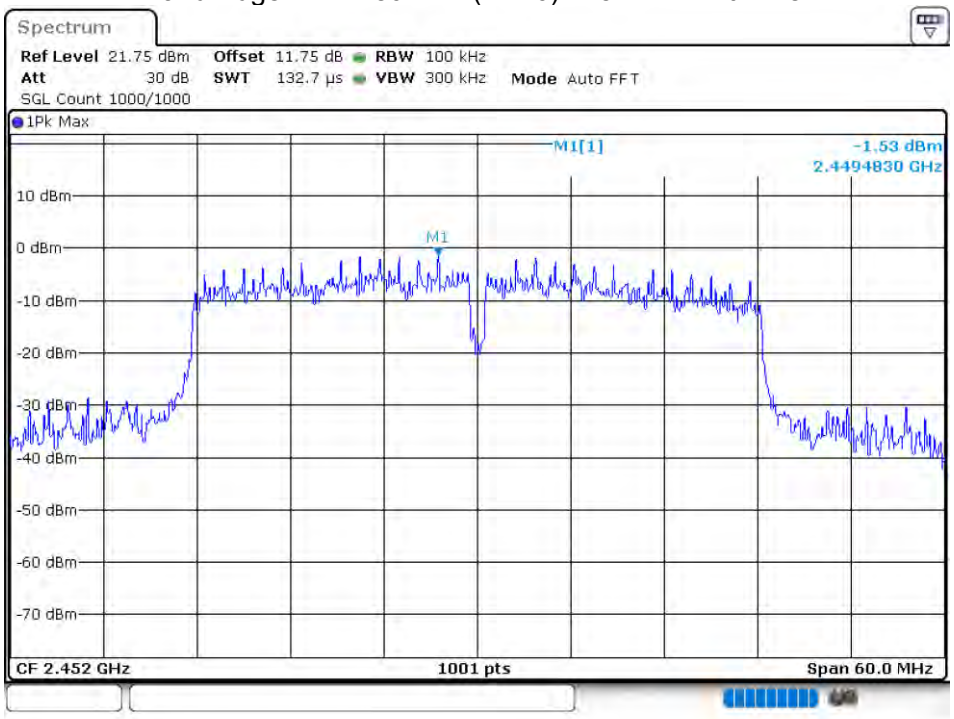
Band Edge NVNT 802.11n(HT40) 2422MHz Ant 1 Emission



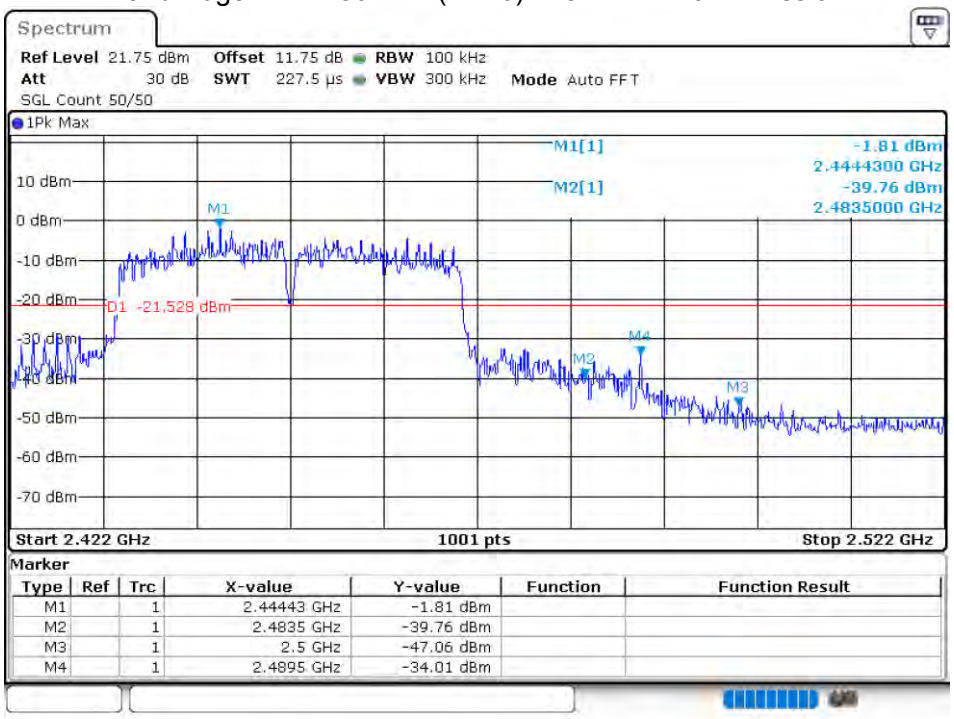
Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.41699 GHz	-3.45 dBm		
M2		1	2.4 GHz	-31.08 dBm		
M3		1	2.39 GHz	-36.99 dBm		
M4		1	2.3894 GHz	-28.95 dBm		

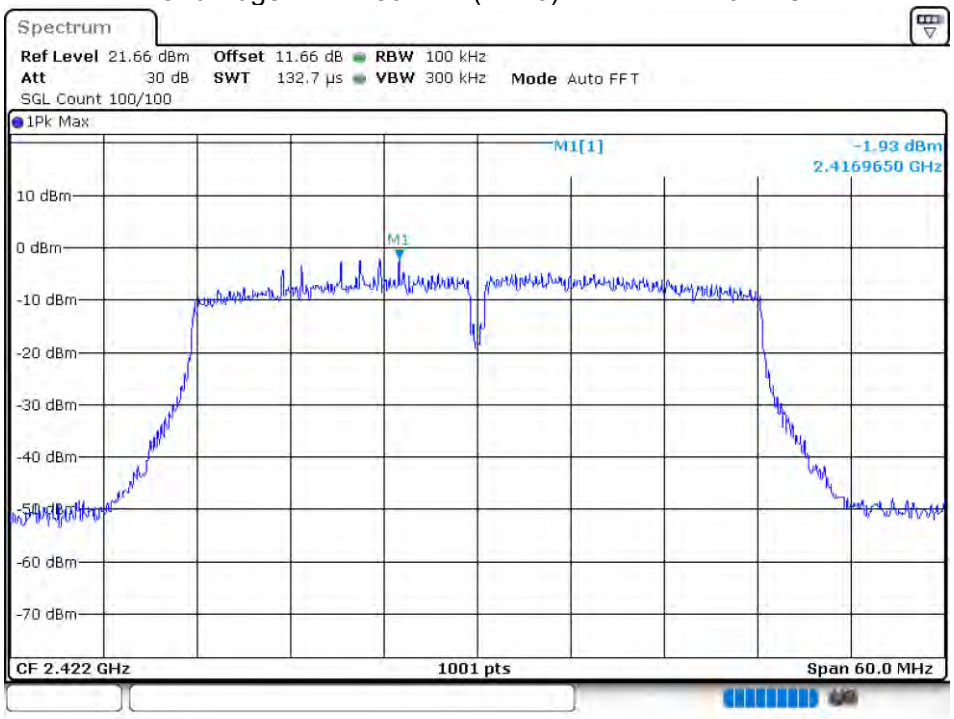
Band Edge NVNT 802.11n(HT40) 2452MHz Ant 1 Ref



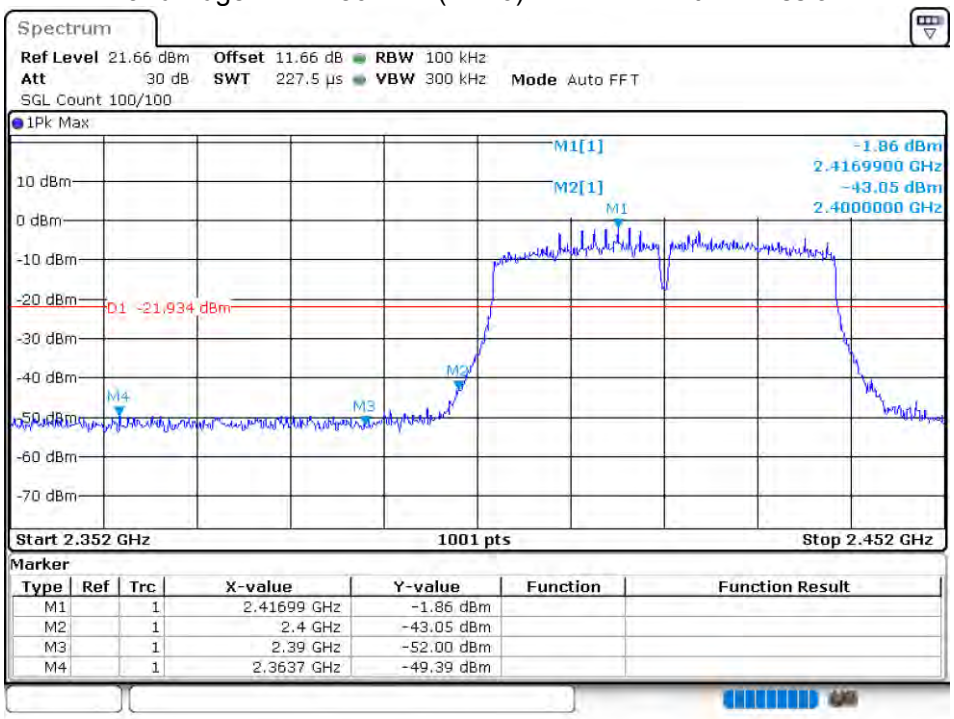
Band Edge NVNT 802.11n(HT40) 2452MHz Ant 1 Emission



Band Edge NVNT 802.11n(HT40) 2422MHz Ant 2 Ref



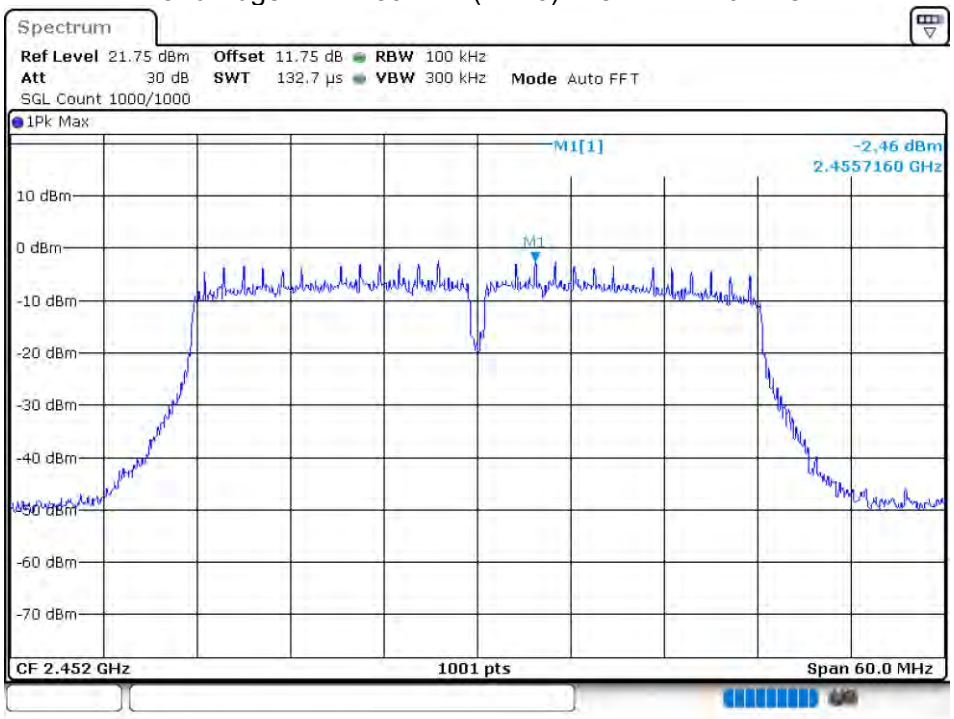
Band Edge NVNT 802.11n(HT40) 2422MHz Ant 2 Emission



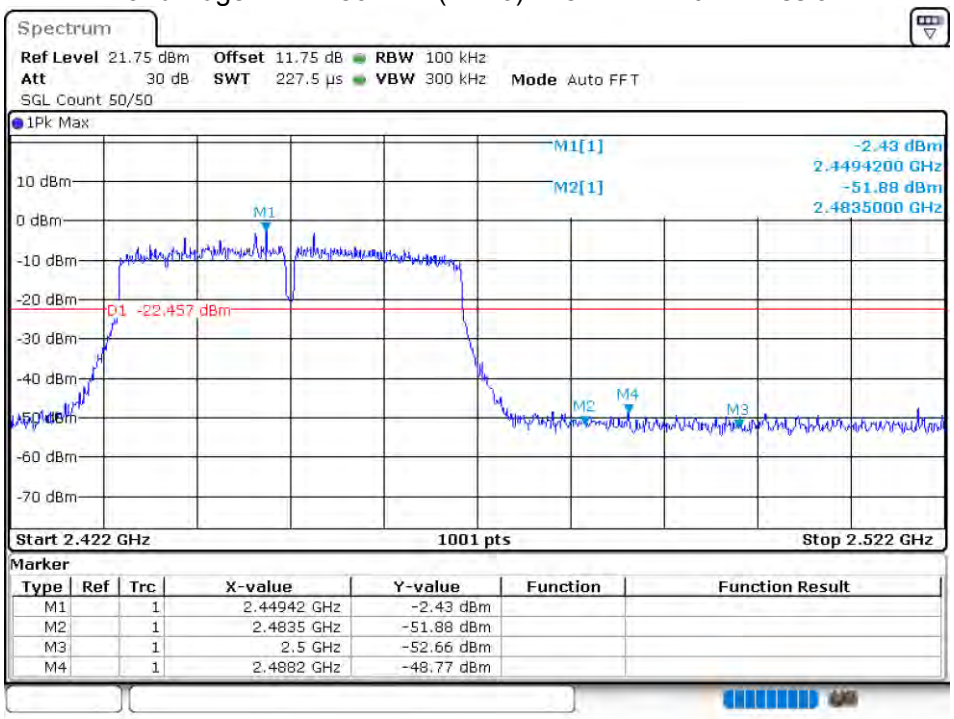
Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.41699 GHz	-1.86 dBm		
M2		1	2.4 GHz	-43.05 dBm		
M3		1	2.39 GHz	-52.00 dBm		
M4		1	2.3637 GHz	-49.39 dBm		

Band Edge NVNT 802.11n(HT40) 2452MHz Ant 2 Ref



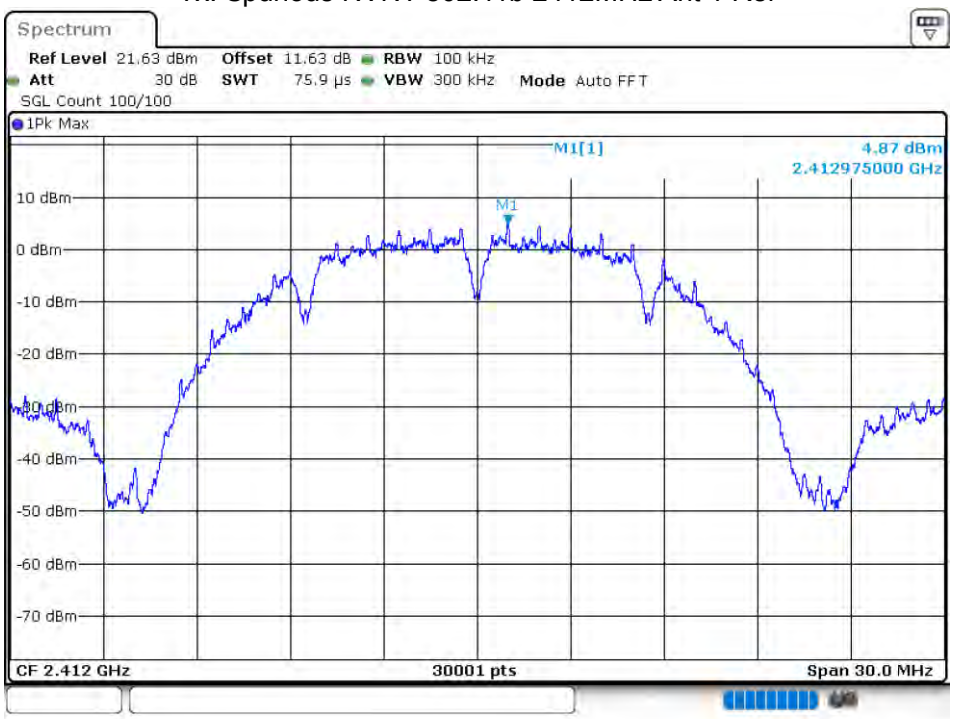
Band Edge NVNT 802.11n(HT40) 2452MHz Ant 2 Emission



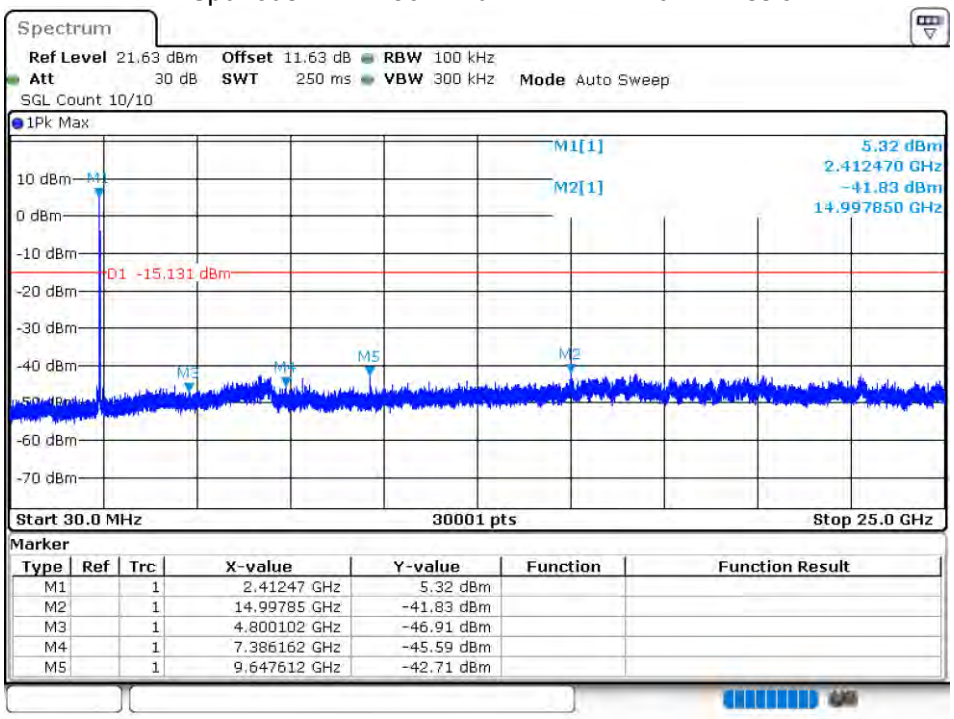
8.1.6 CONDUCTED RF SPURIOUS EMISSION

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	802.11b	2412	Ant 1	-46.7	-20	Pass
NVNT	802.11b	2437	Ant 1	-45.51	-20	Pass
NVNT	802.11b	2462	Ant 1	-45.92	-20	Pass
NVNT	802.11b	2412	Ant 2	-46.94	-20	Pass
NVNT	802.11b	2437	Ant 2	-46.94	-20	Pass
NVNT	802.11b	2462	Ant 2	-47.39	-20	Pass
NVNT	802.11g	2412	Ant 1	-42.87	-20	Pass
NVNT	802.11g	2437	Ant 1	-41.21	-20	Pass
NVNT	802.11g	2462	Ant 1	-42.22	-20	Pass
NVNT	802.11g	2412	Ant 2	-42.82	-20	Pass
NVNT	802.11g	2437	Ant 2	-44.03	-20	Pass
NVNT	802.11g	2462	Ant 2	-40.07	-20	Pass
NVNT	802.11n(HT20)	2412	Ant 1	-41.81	-20	Pass
NVNT	802.11n(HT20)	2437	Ant 1	-40.84	-20	Pass
NVNT	802.11n(HT20)	2462	Ant 1	-42.95	-20	Pass
NVNT	802.11n(HT20)	2412	Ant 2	-43.12	-20	Pass
NVNT	802.11n(HT20)	2437	Ant 2	-42.47	-20	Pass
NVNT	802.11n(HT20)	2462	Ant 2	-41.3	-20	Pass
NVNT	802.11n(HT40)	2422	Ant 1	-38.94	-20	Pass
NVNT	802.11n(HT40)	2437	Ant 1	-40.89	-20	Pass
NVNT	802.11n(HT40)	2452	Ant 1	-41.03	-20	Pass
NVNT	802.11n(HT40)	2422	Ant 2	-39.26	-20	Pass
NVNT	802.11n(HT40)	2437	Ant 2	-40.31	-20	Pass
NVNT	802.11n(HT40)	2452	Ant 2	-39.7	-20	Pass

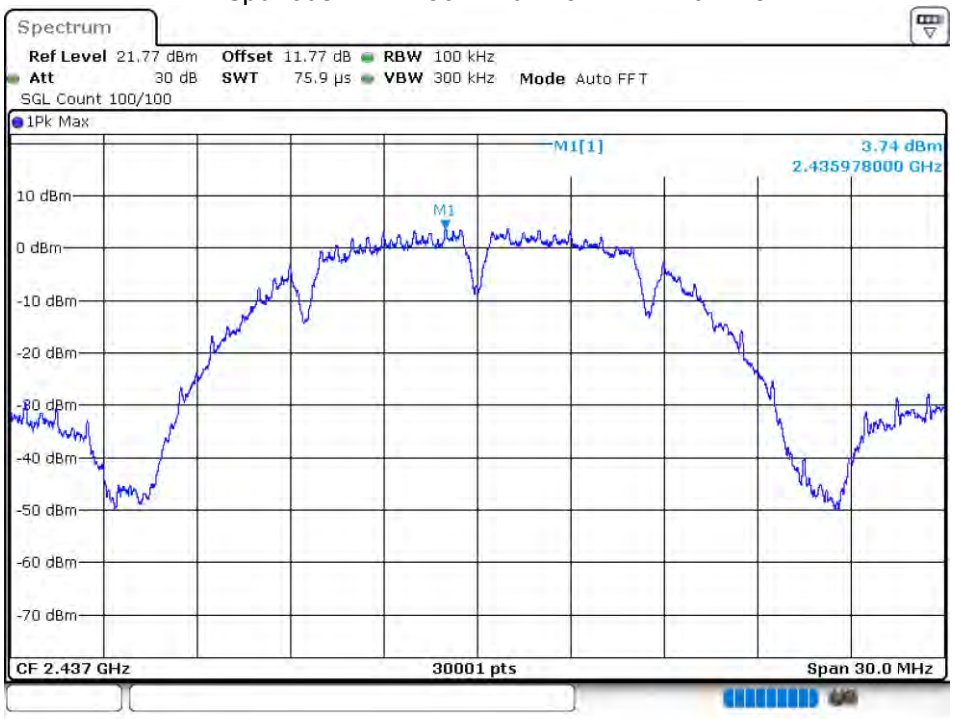
Tx. Spurious NVNT 802.11b 2412MHz Ant 1 Ref



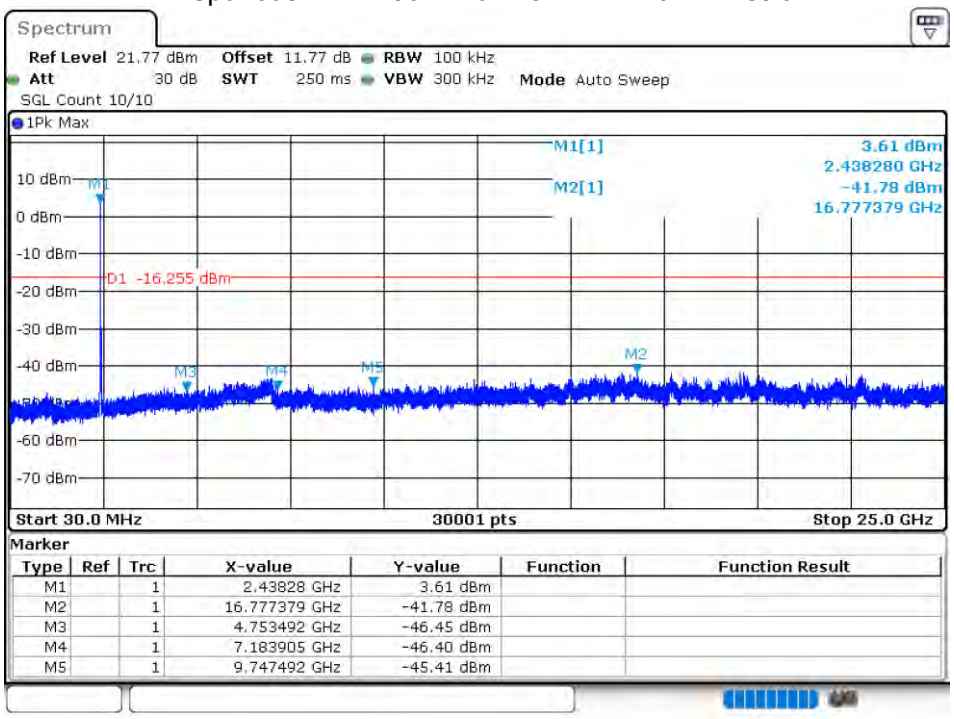
Tx. Spurious NVNT 802.11b 2412MHz Ant 1 Emission



Tx. Spurious NVNT 802.11b 2437MHz Ant 1 Ref



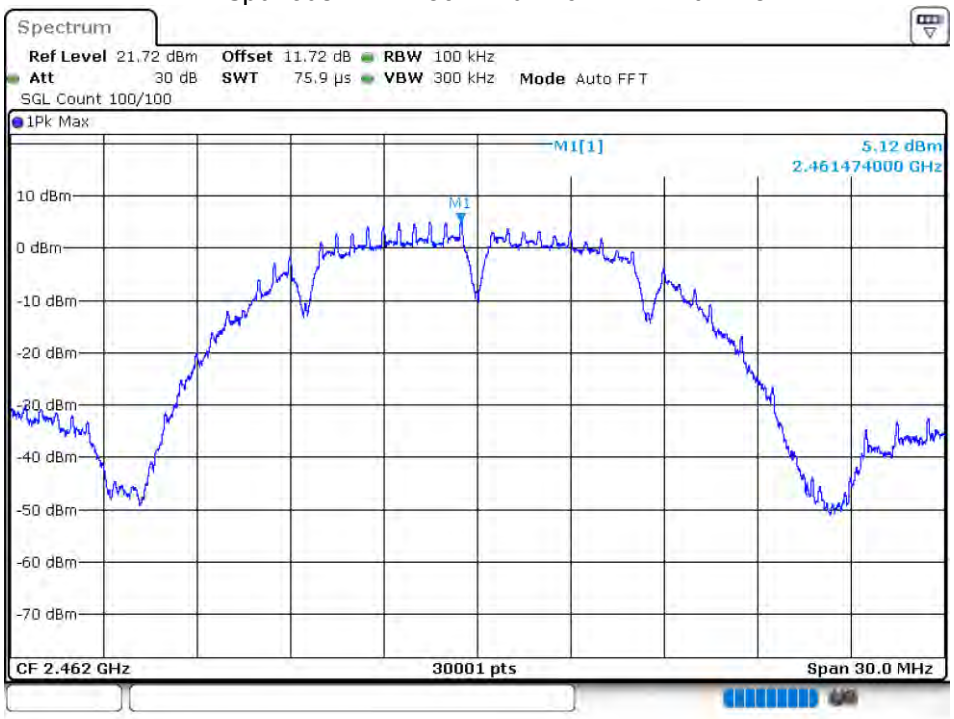
Tx. Spurious NVNT 802.11b 2437MHz Ant 1 Emission



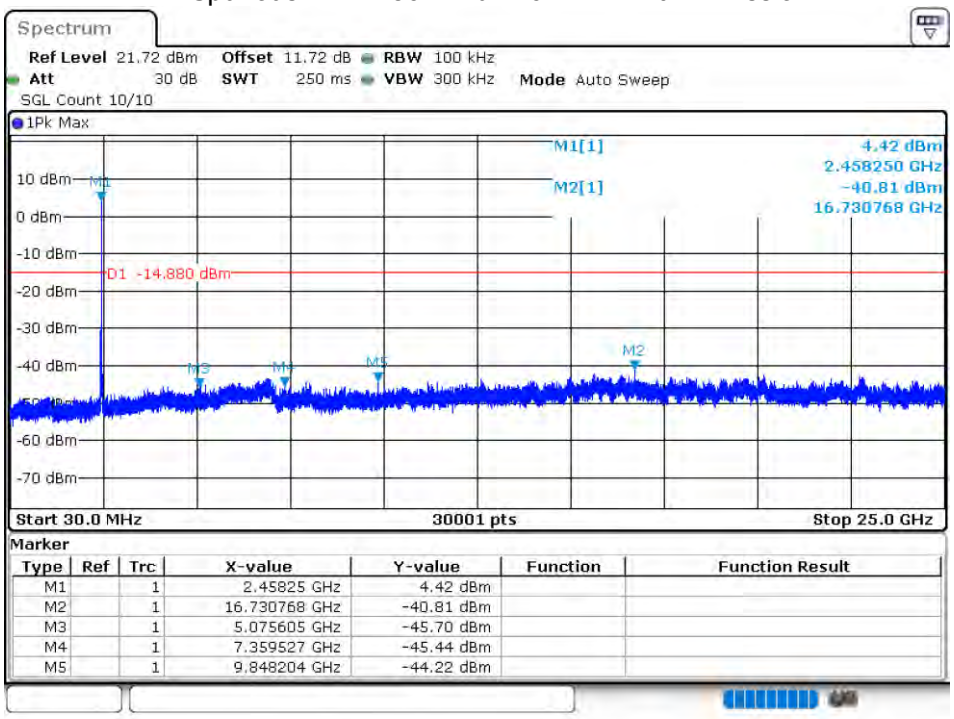
Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.43828 GHz	3.61 dBm		
M2		1	16.777379 GHz	-41.78 dBm		
M3		1	4.753492 GHz	-46.45 dBm		
M4		1	7.183905 GHz	-46.40 dBm		
M5		1	9.747492 GHz	-45.41 dBm		

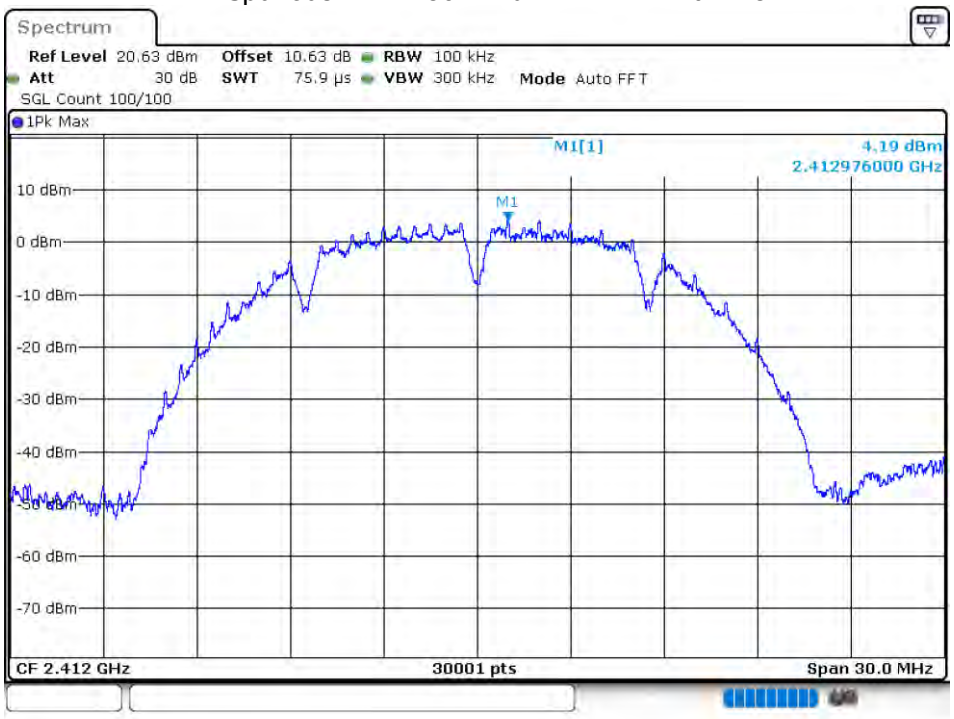
Tx. Spurious NVNT 802.11b 2462MHz Ant 1 Ref



Tx. Spurious NVNT 802.11b 2462MHz Ant 1 Emission



Tx. Spurious NVNT 802.11b 2412MHz Ant 2 Ref



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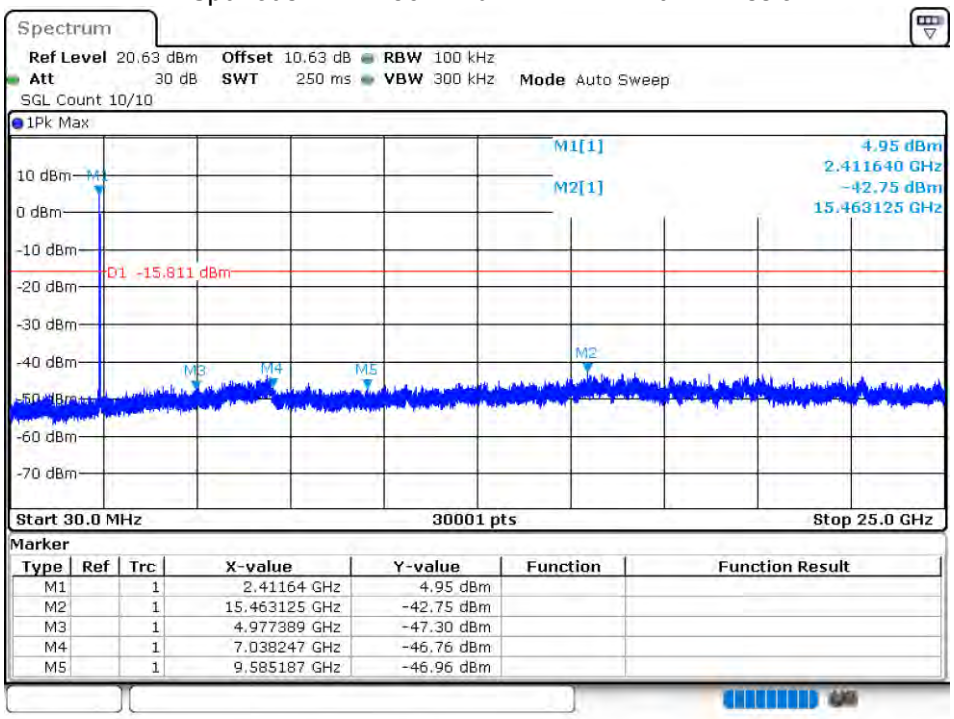
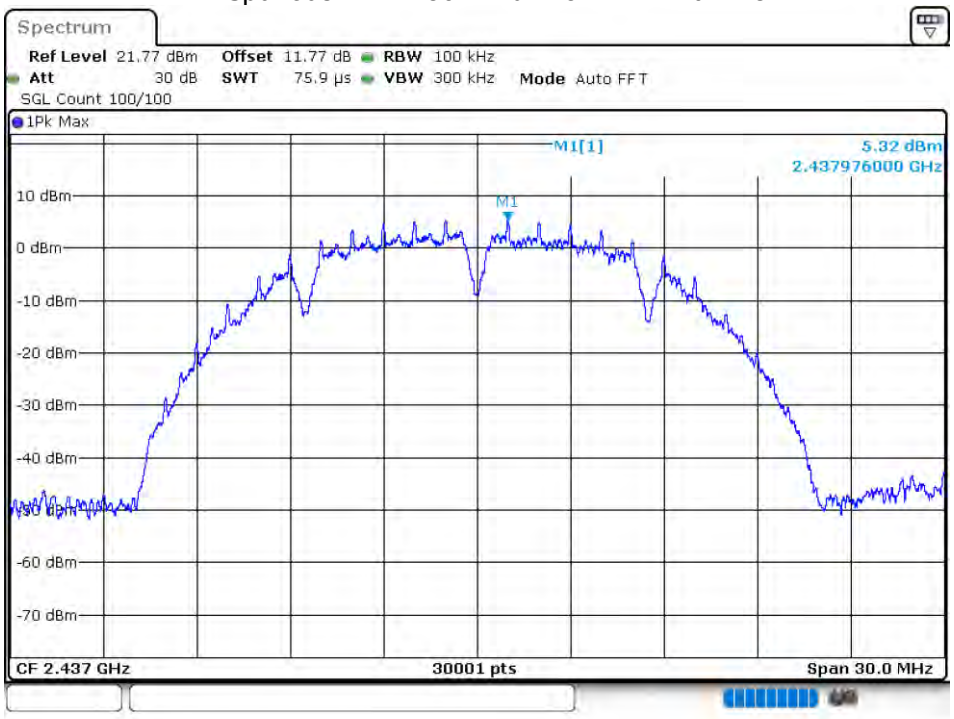
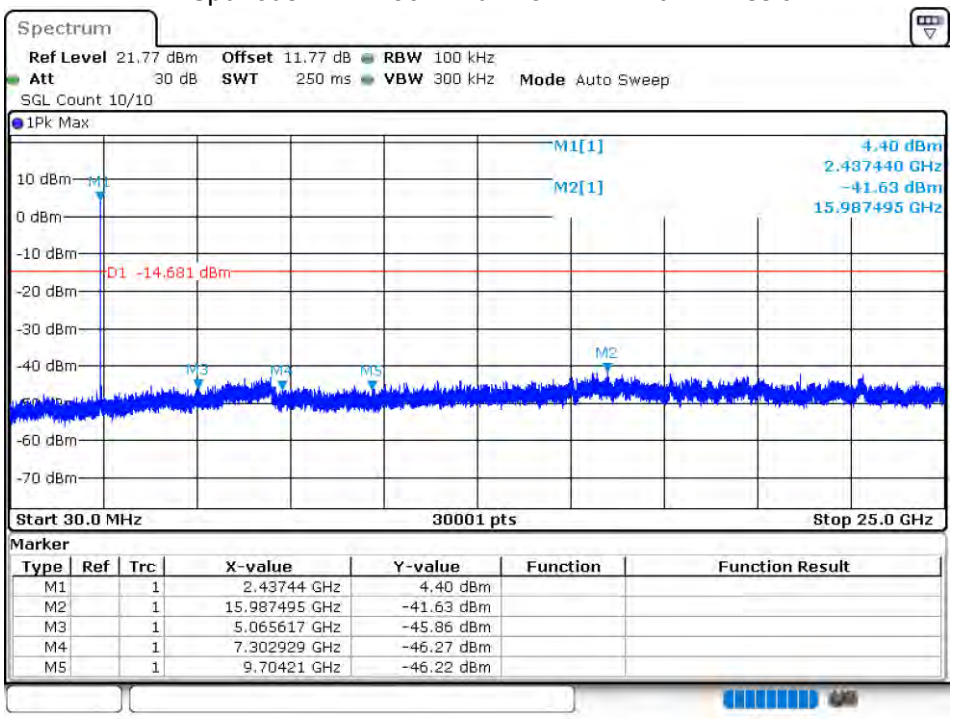


Tx. Spurious NVNT 802.11b 2437MHz Ant 2 Ref



Tx. Spurious NVNT 802.11b 2437MHz Ant 2 Emission



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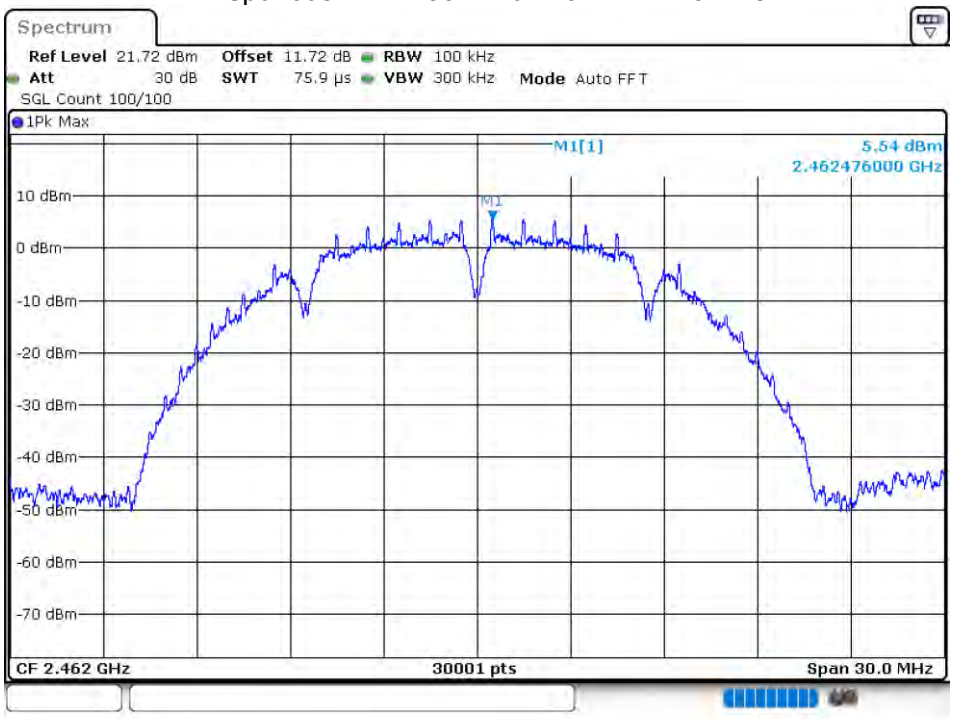

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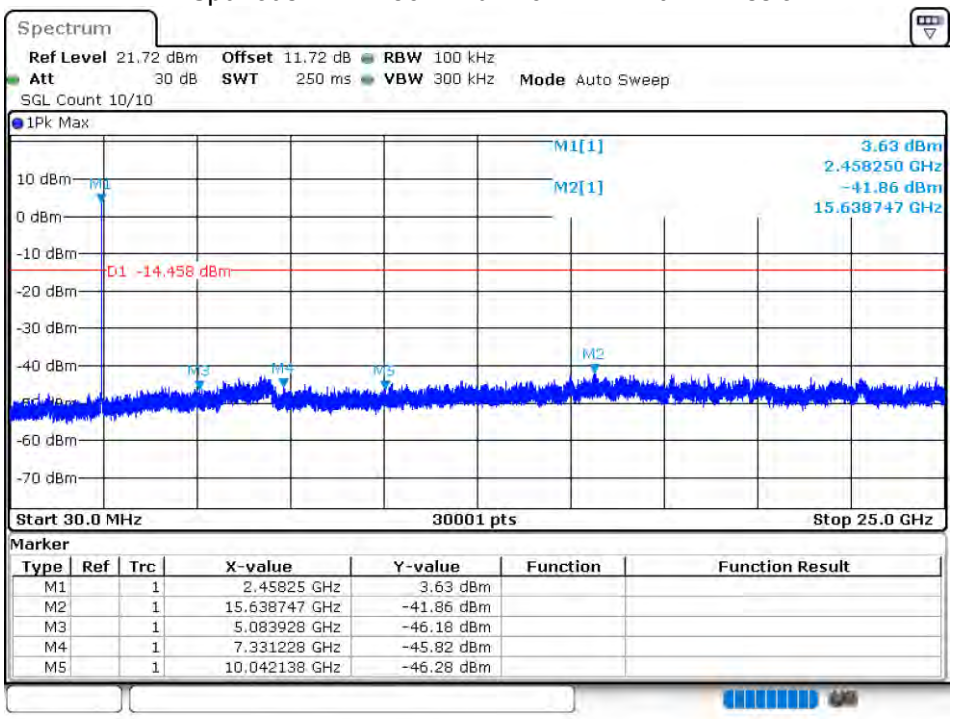

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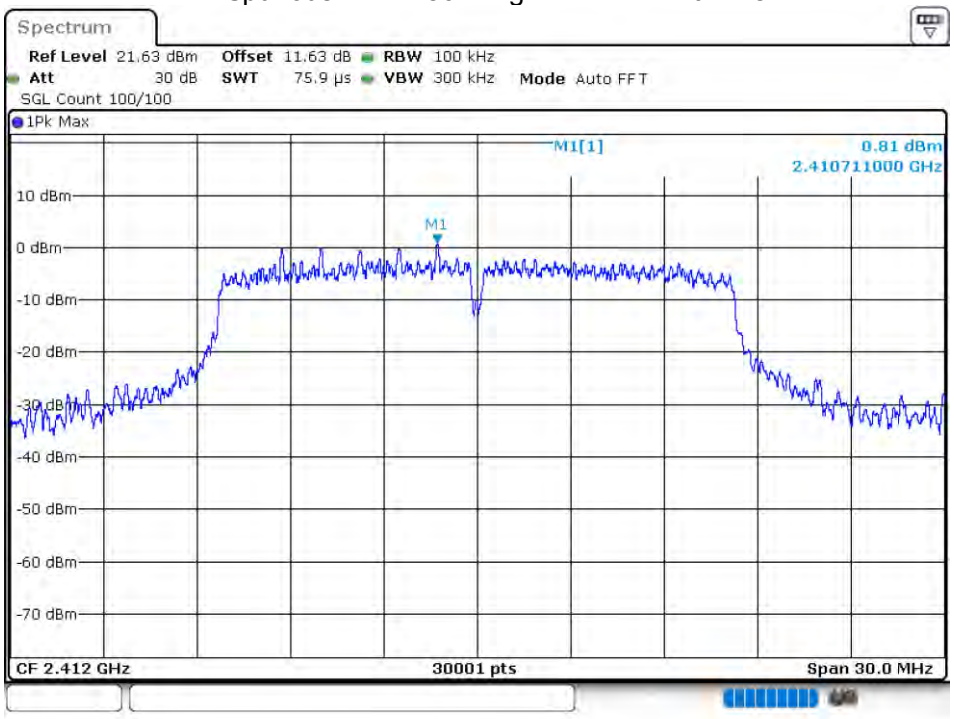

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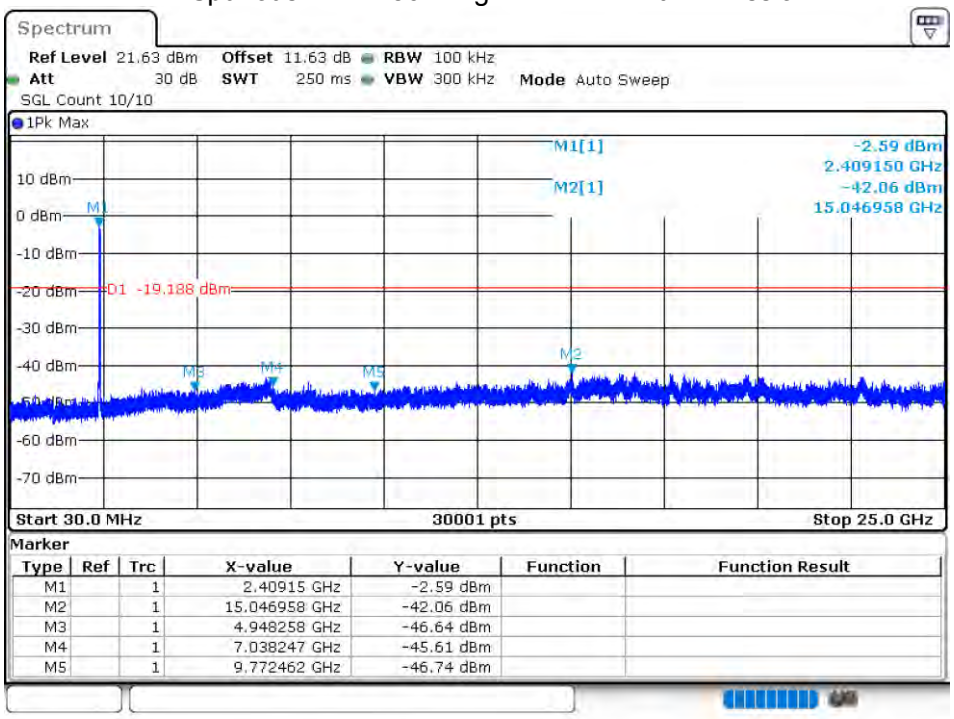

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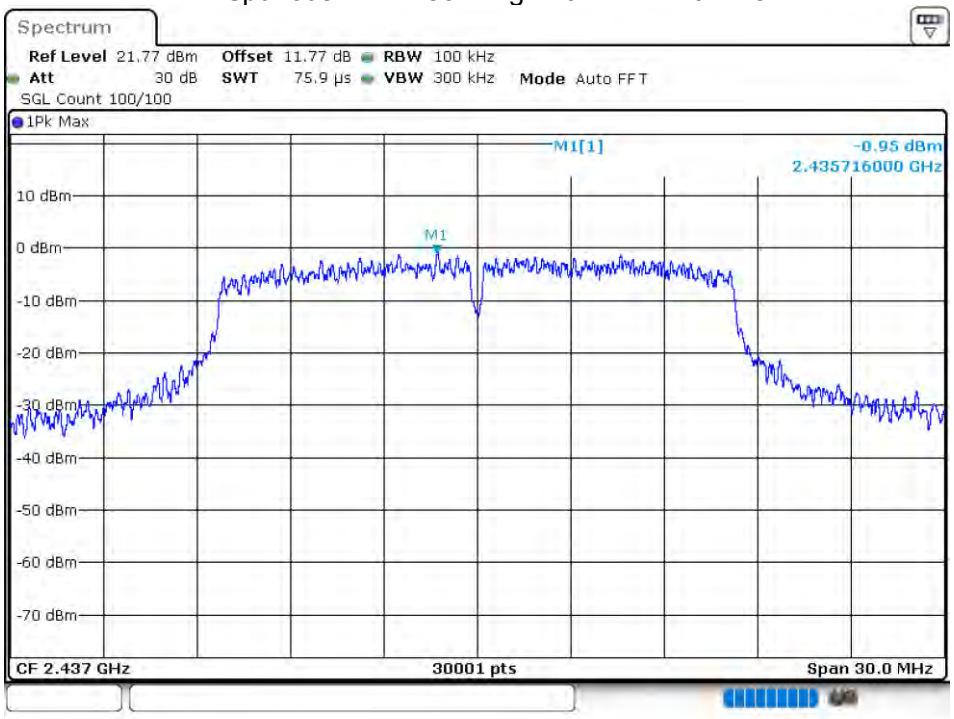

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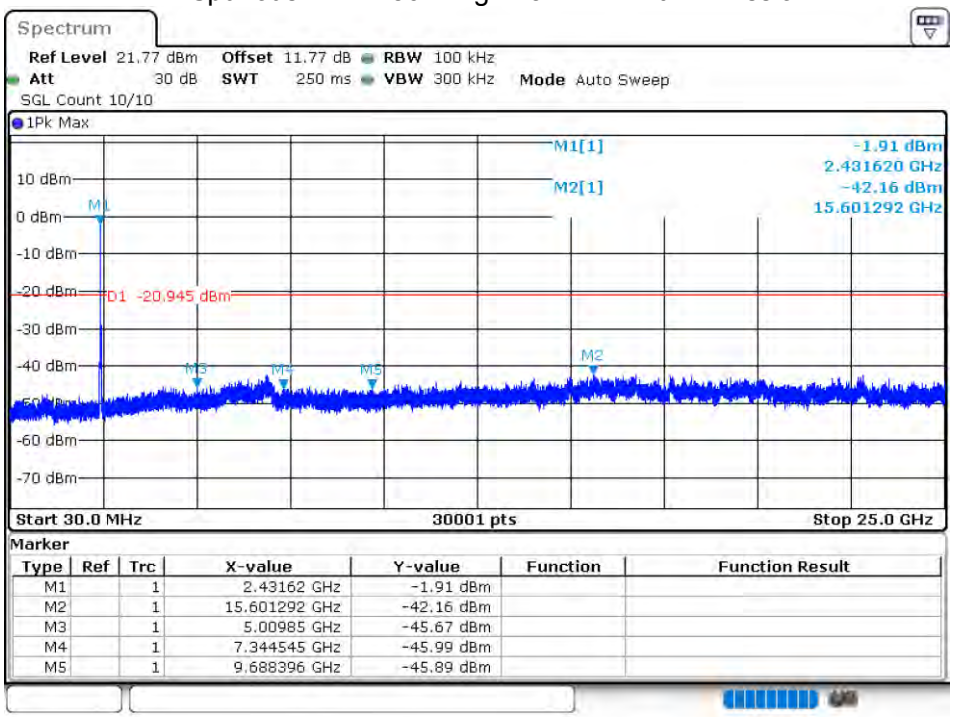

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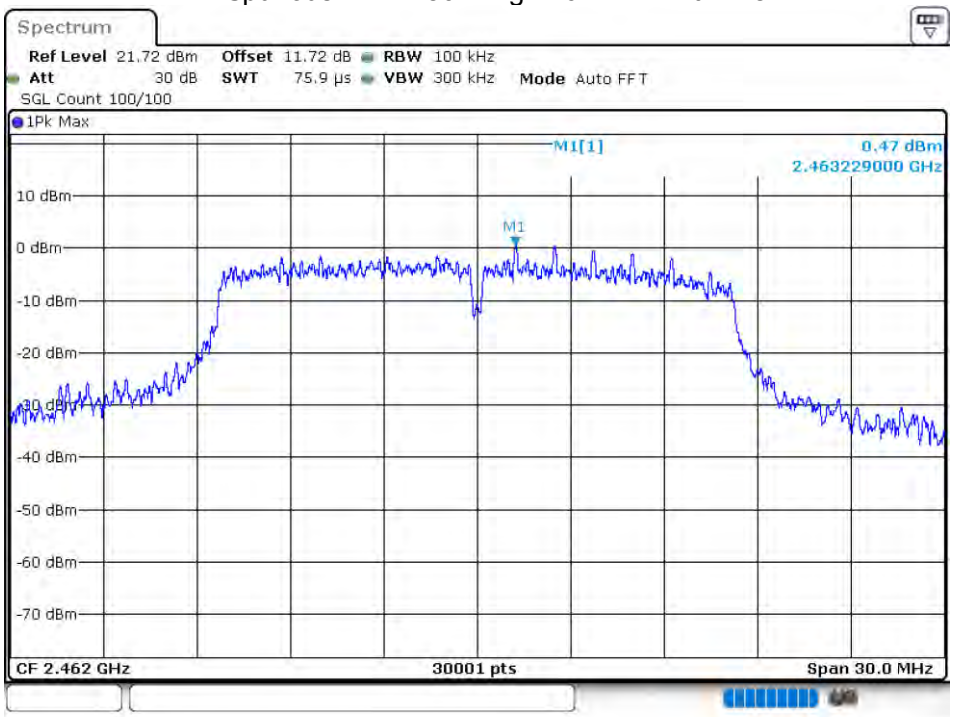
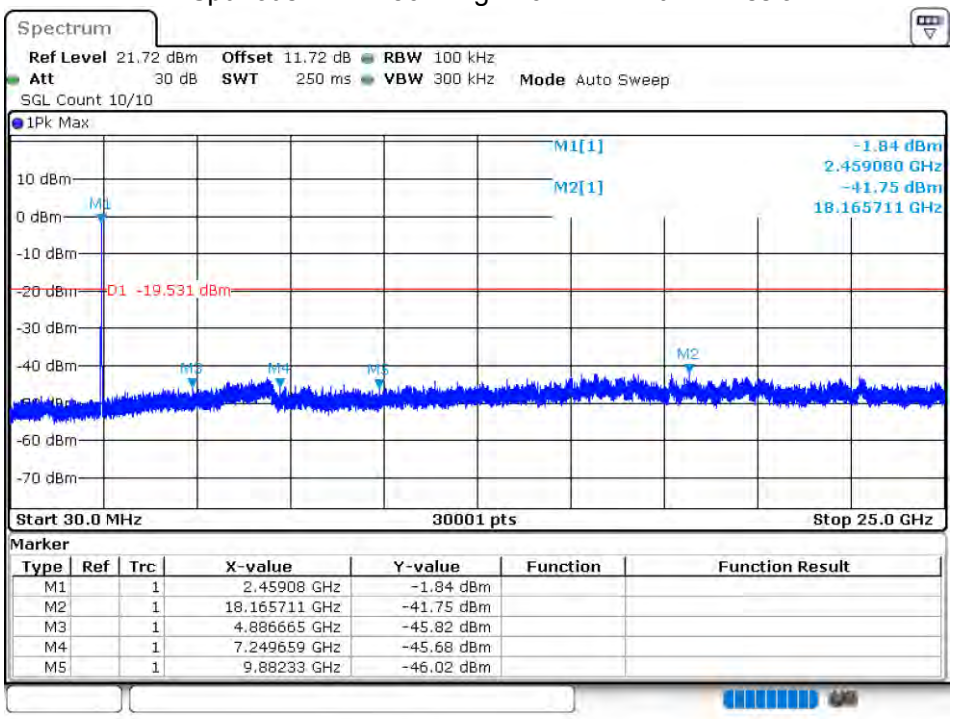


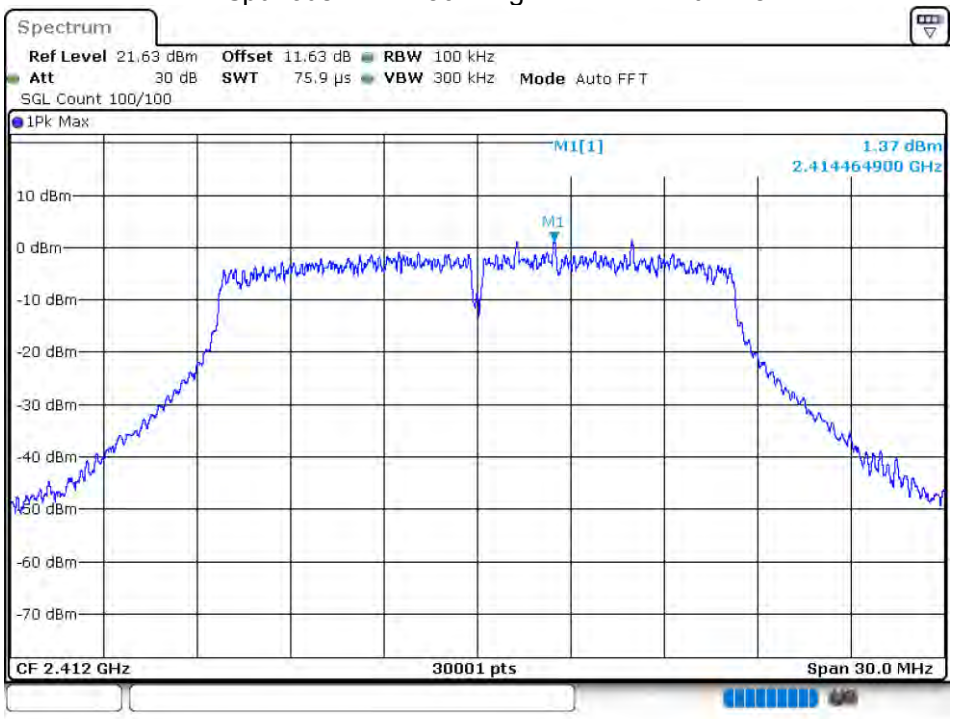
Tx. Spurious NVNT 802.11g 2462MHz Ant 1 Emission



Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.45908 GHz	-1.84 dBm		
M2		1	18.165711 GHz	-41.75 dBm		
M3		1	4.886665 GHz	-45.82 dBm		
M4		1	7.249659 GHz	-45.68 dBm		
M5		1	9.88233 GHz	-46.02 dBm		

Tx. Spurious NVNT 802.11g 2412MHz Ant 2 Ref



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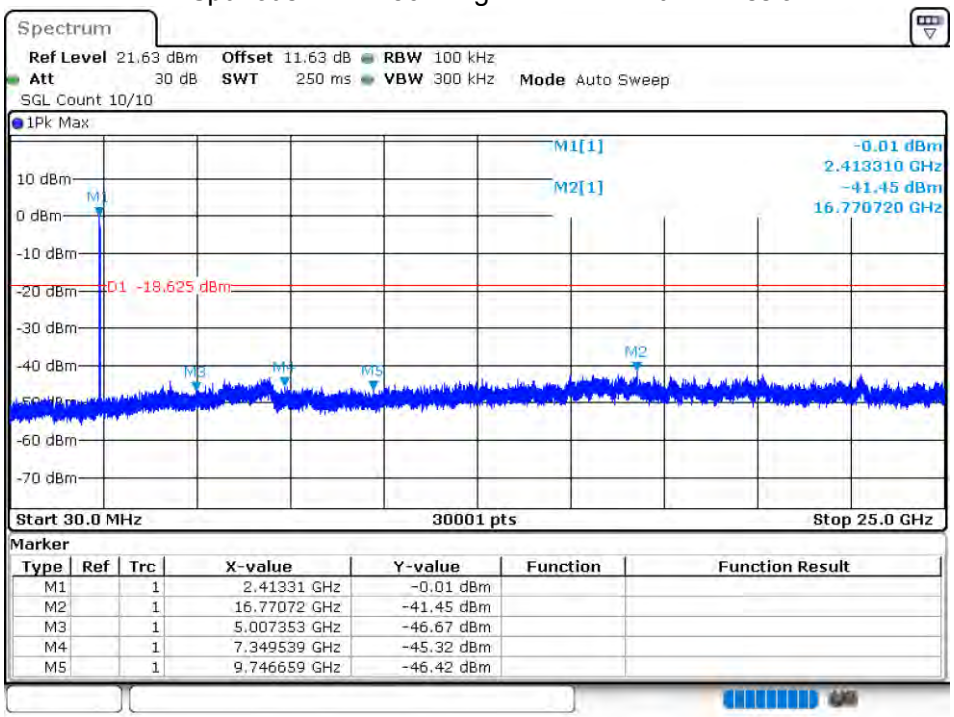
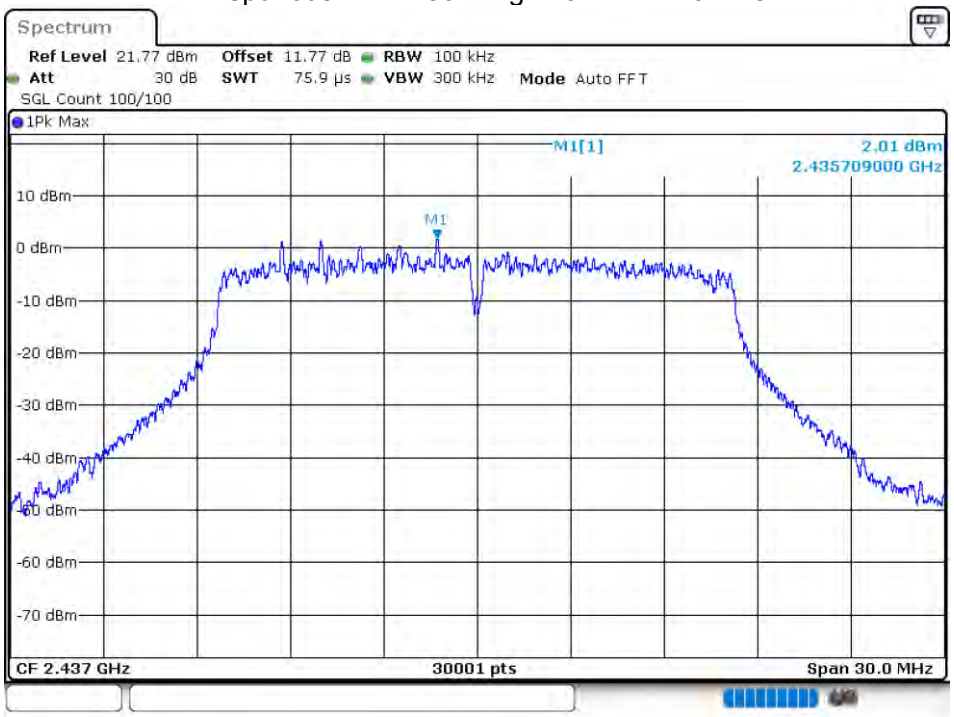


Tx. Spurious NVNT 802.11g 2437MHz Ant 2 Ref



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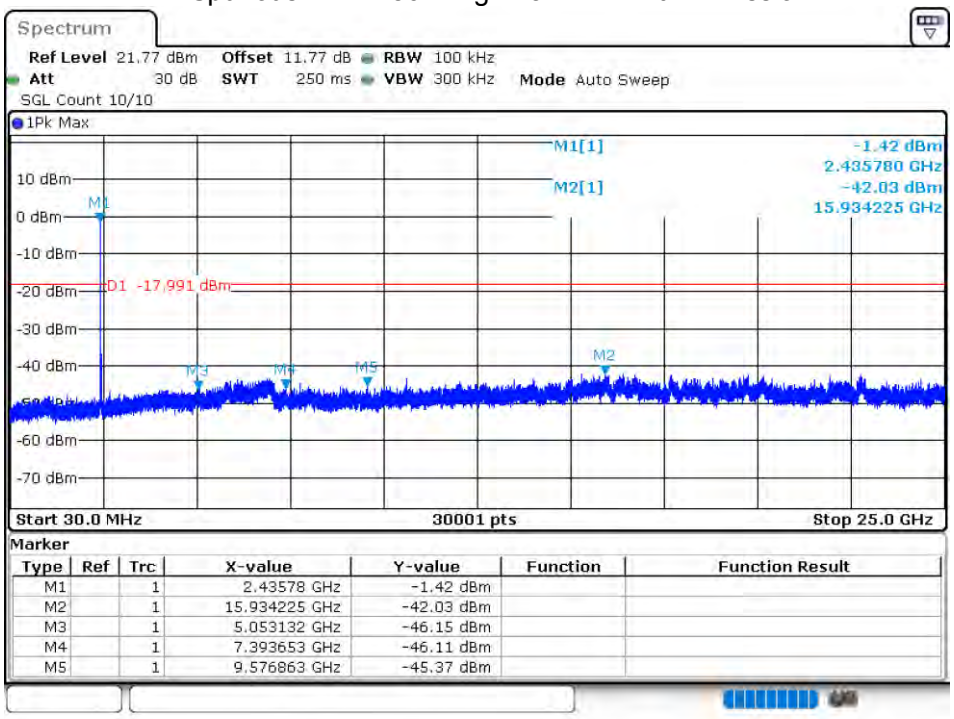

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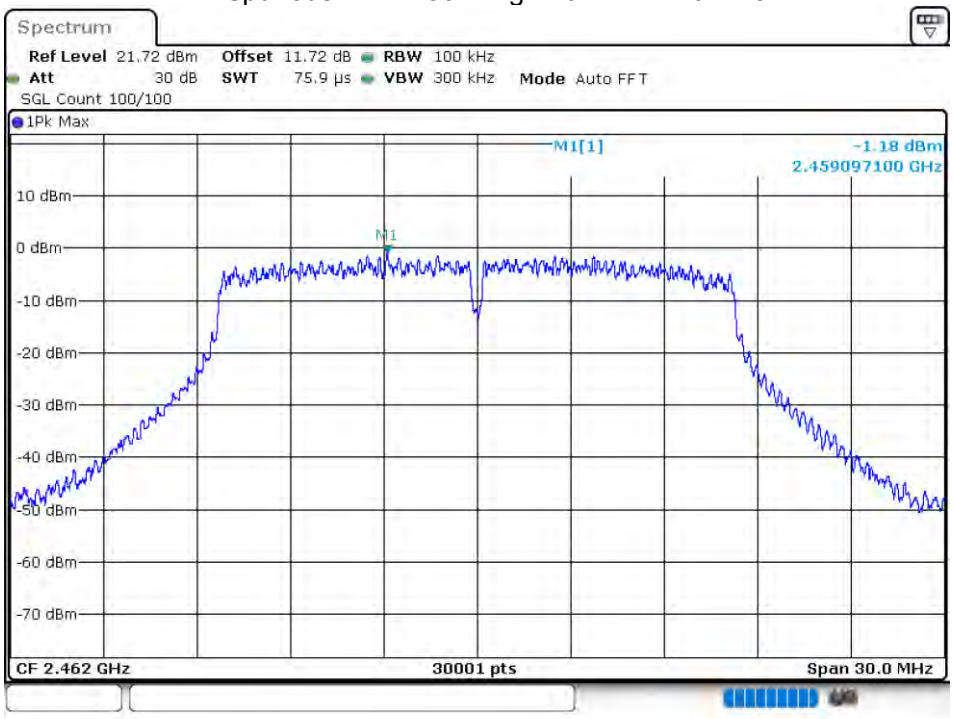

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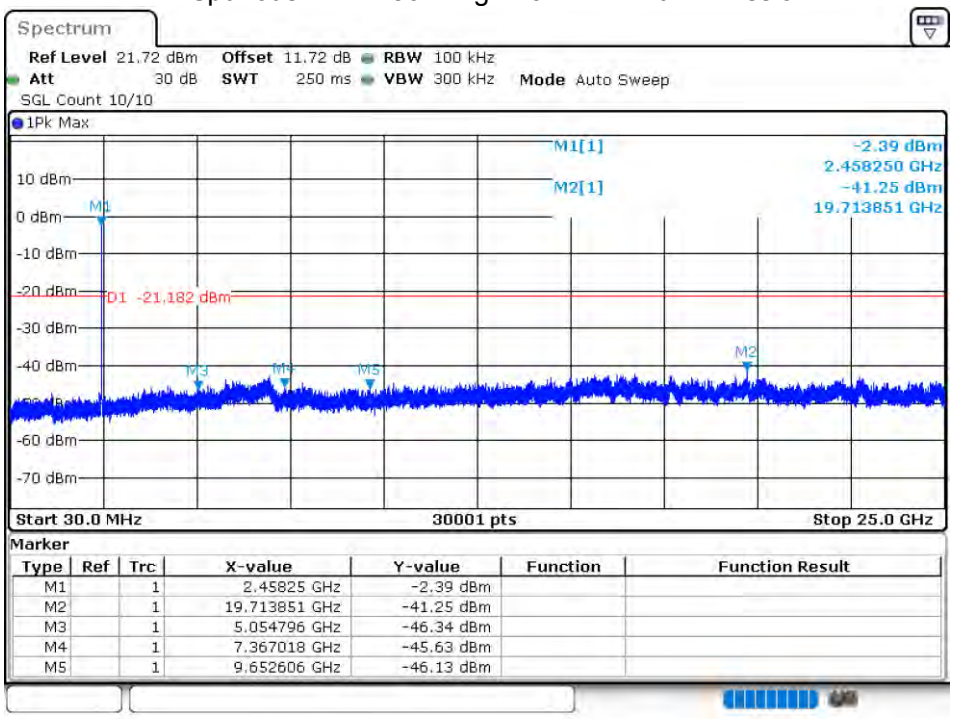
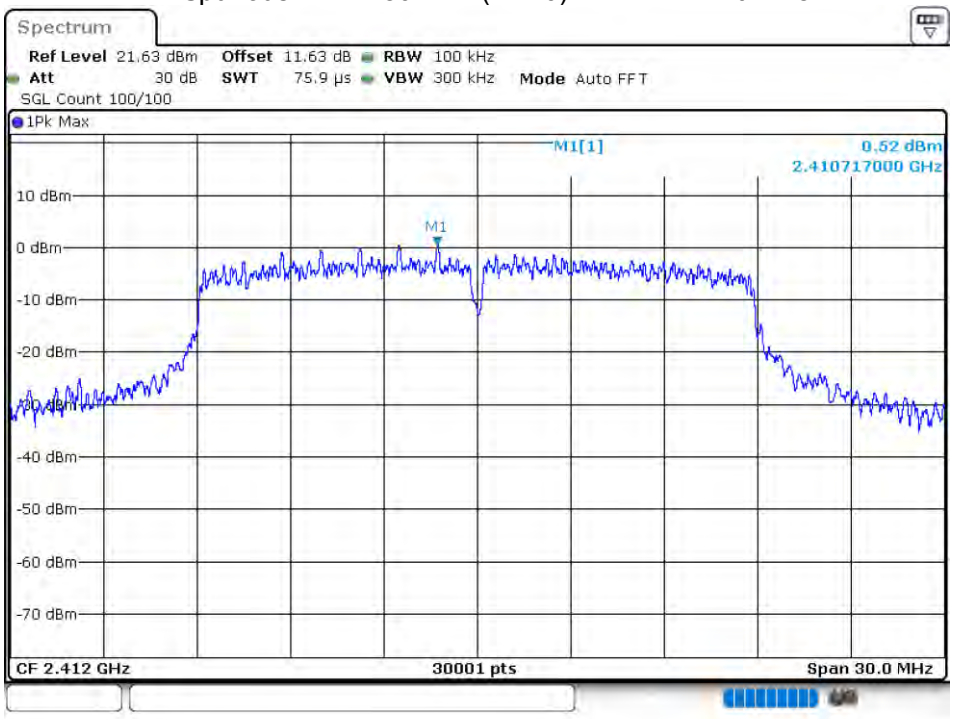
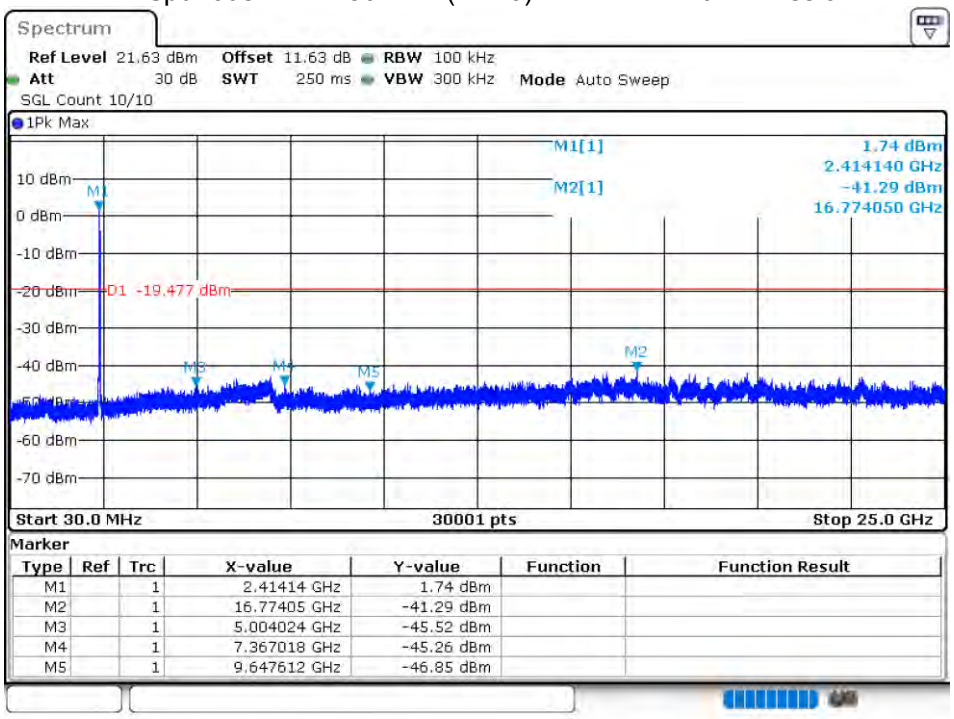


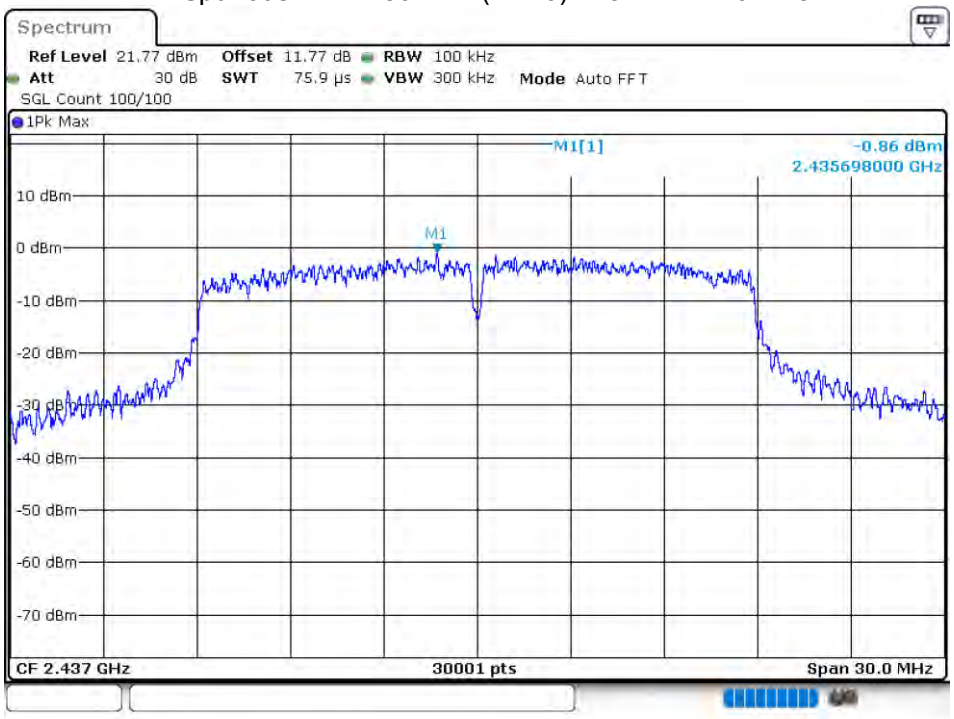
Tx. Spurious NVNT 802.11n(HT20) 2412MHz Ant 1 Ref



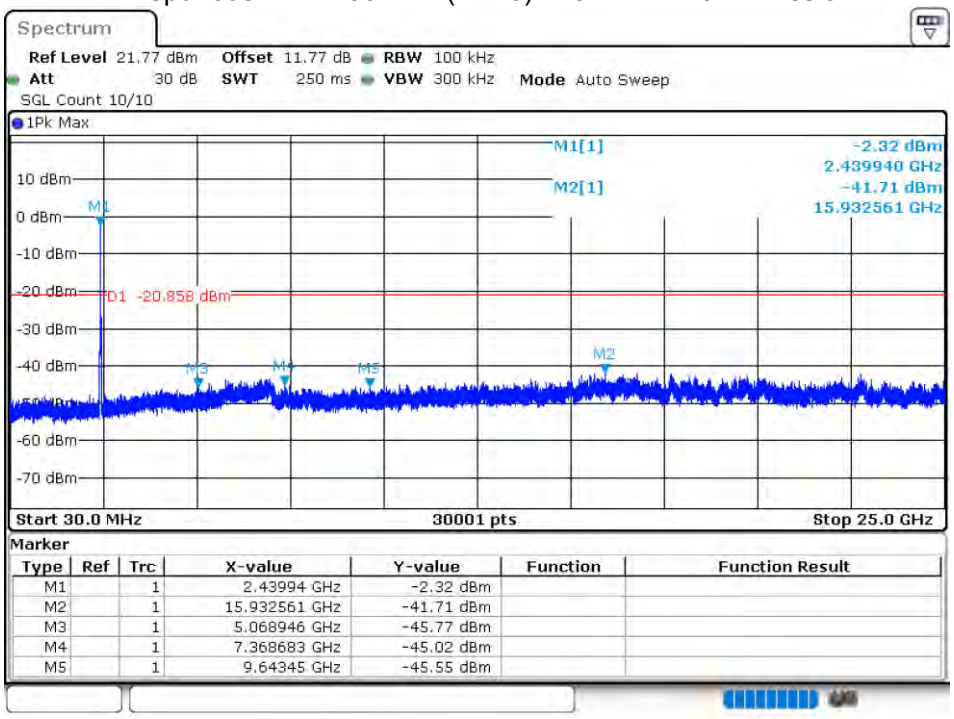
Tx. Spurious NVNT 802.11n(HT20) 2412MHz Ant 1 Emission



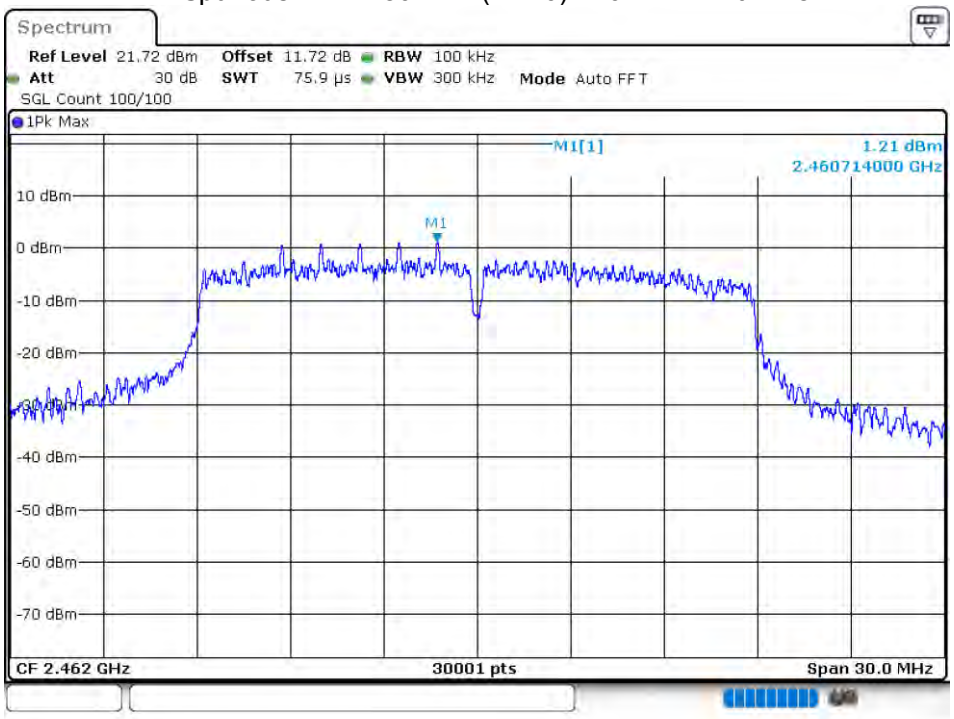
Tx. Spurious NVNT 802.11n(HT20) 2437MHz Ant 1 Ref



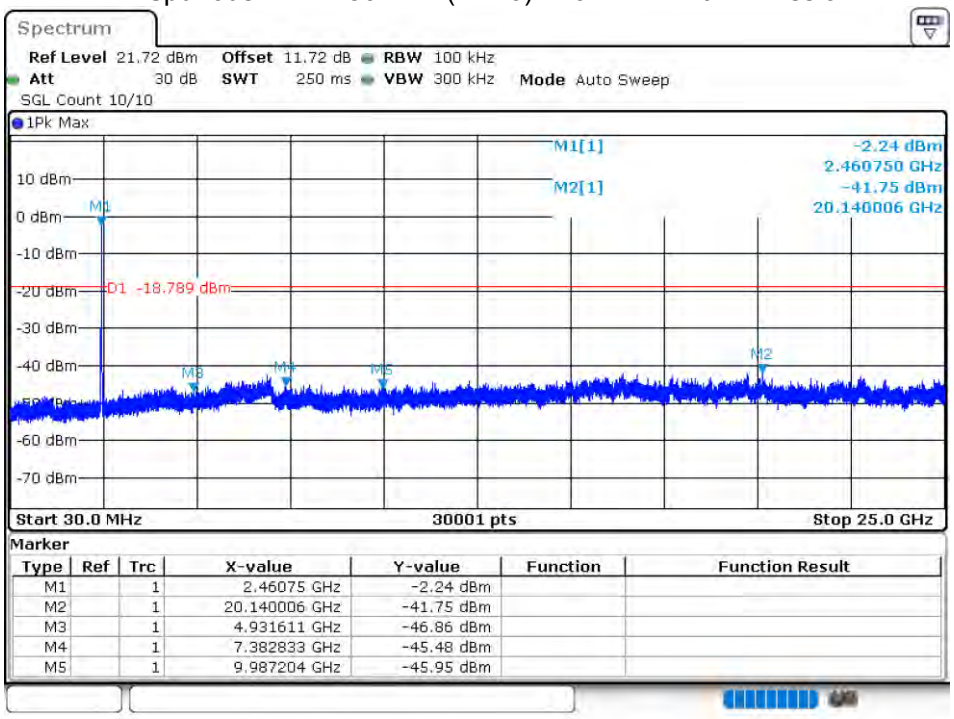
Tx. Spurious NVNT 802.11n(HT20) 2437MHz Ant 1 Emission



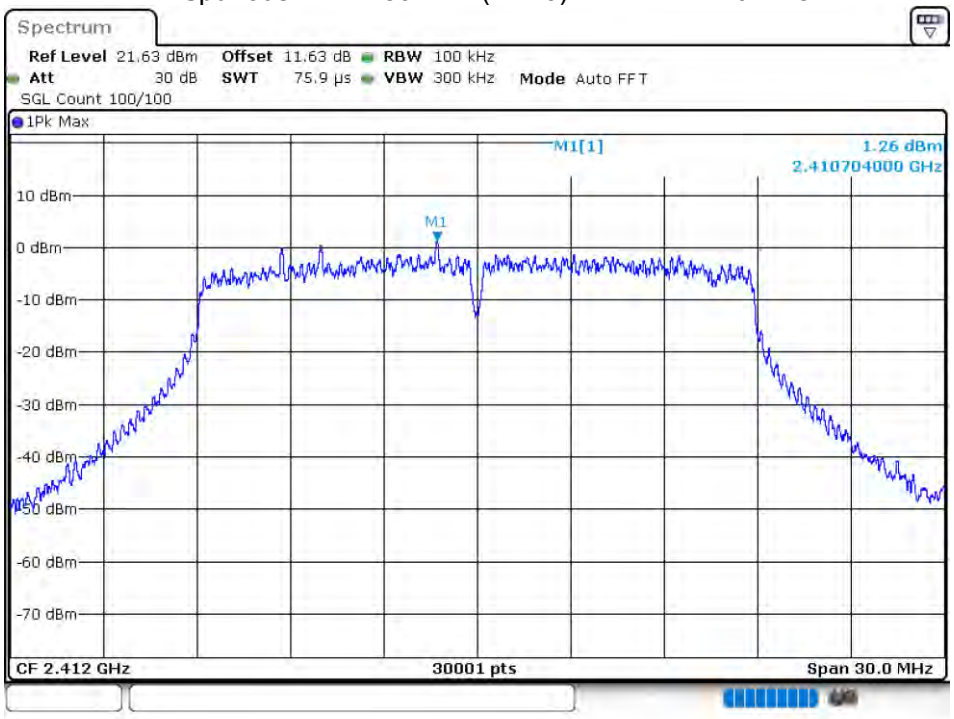
Tx. Spurious NVNT 802.11n(HT20) 2462MHz Ant 1 Ref



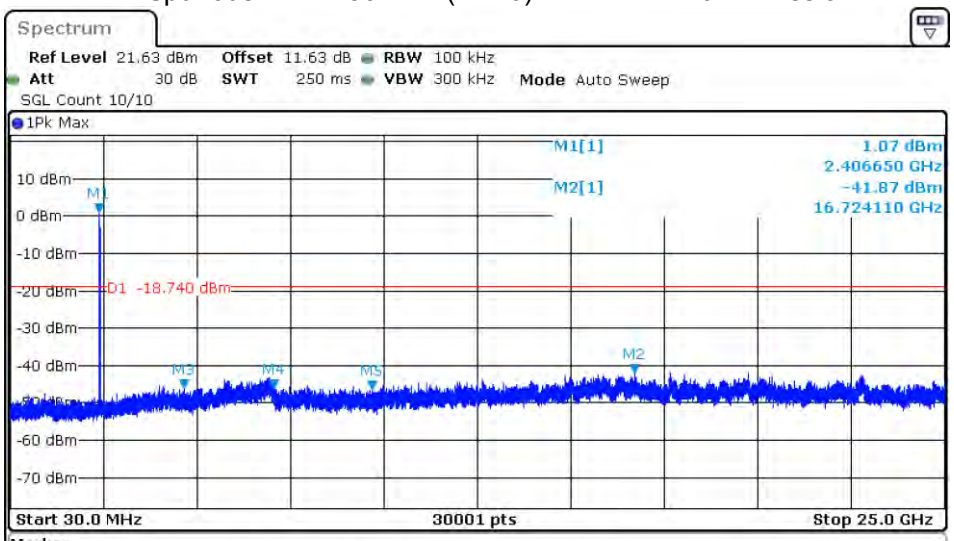
Tx. Spurious NVNT 802.11n(HT20) 2462MHz Ant 1 Emission



Tx. Spurious NVNT 802.11n(HT20) 2412MHz Ant 2 Ref



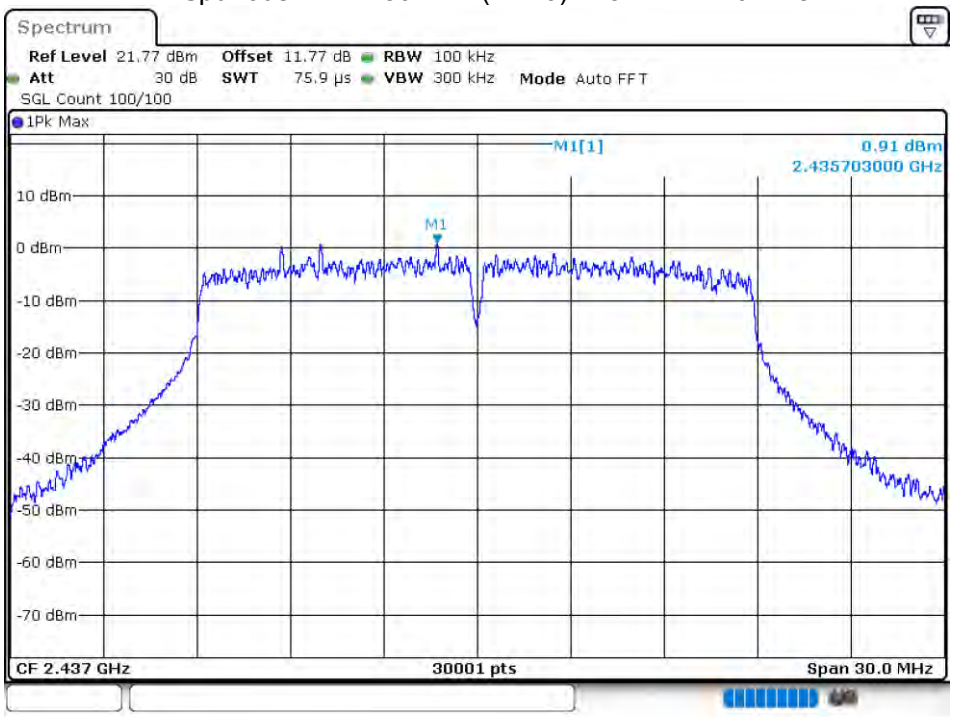
Tx. Spurious NVNT 802.11n(HT20) 2412MHz Ant 2 Emission



Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.40665 GHz	1.07 dBm		
M2		1	16.72411 GHz	-41.87 dBm		
M3		1	4.664432 GHz	-45.98 dBm		
M4		1	7.076534 GHz	-46.15 dBm		
M5		1	9.695887 GHz	-46.50 dBm		

Tx. Spurious NVNT 802.11n(HT20) 2437MHz Ant 2 Ref



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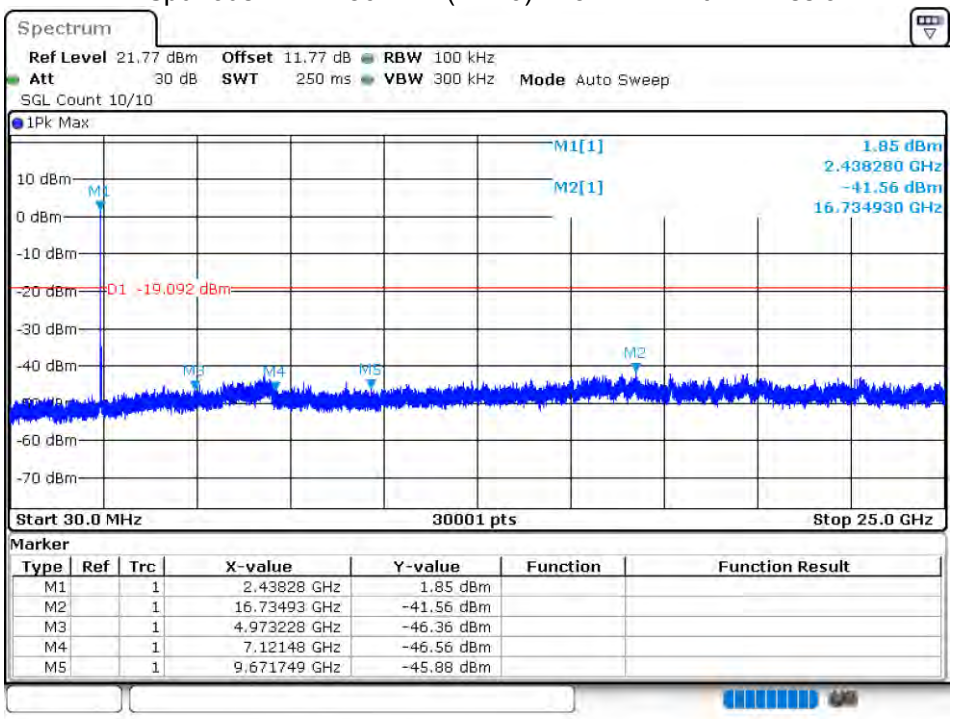
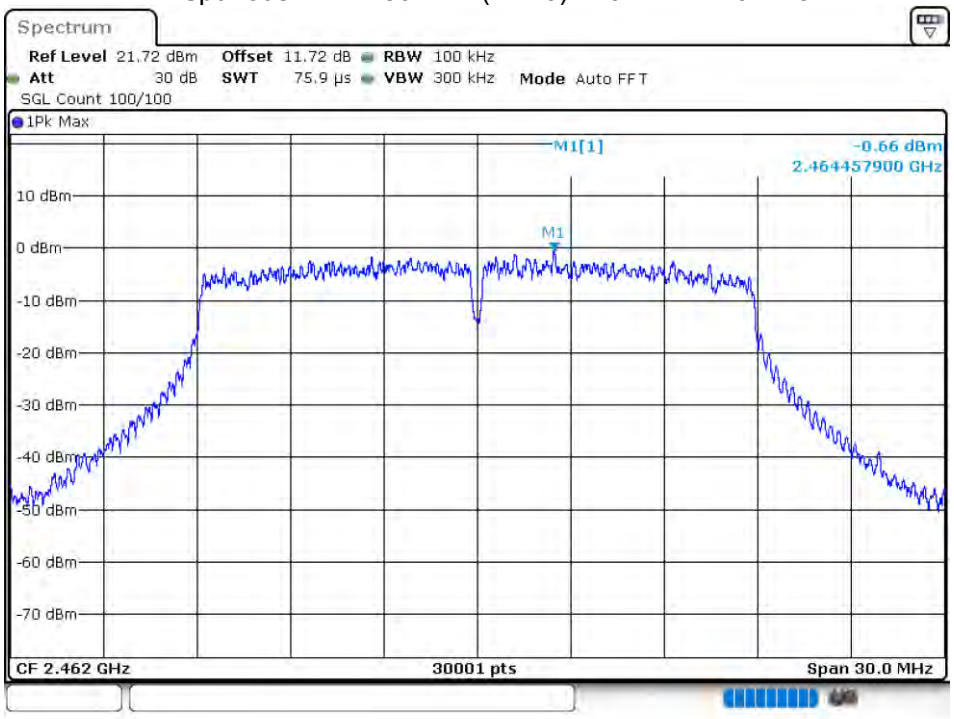
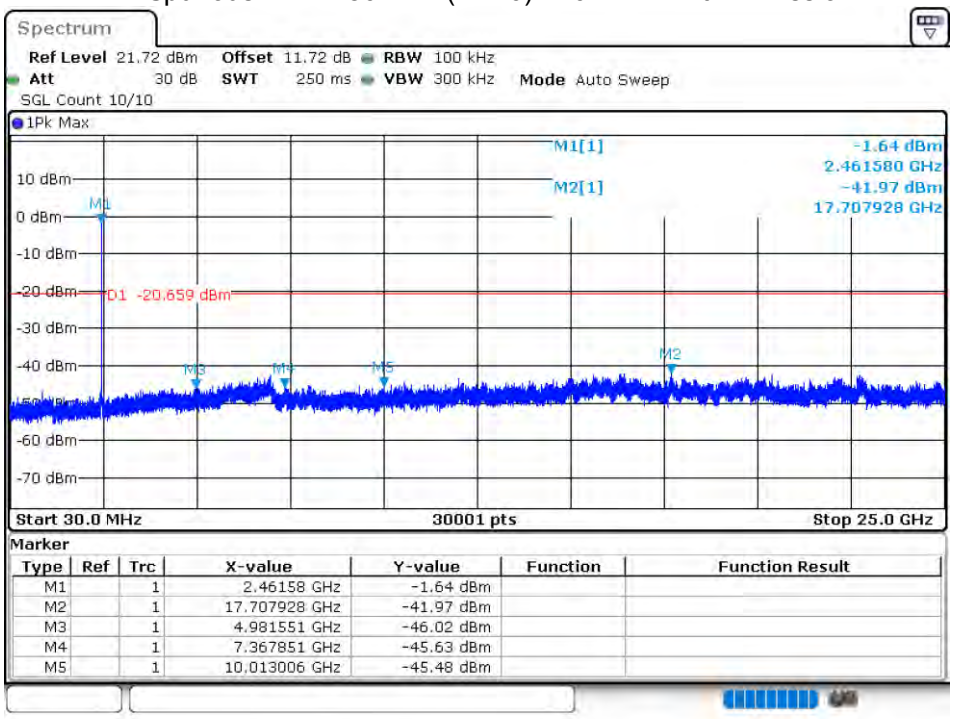


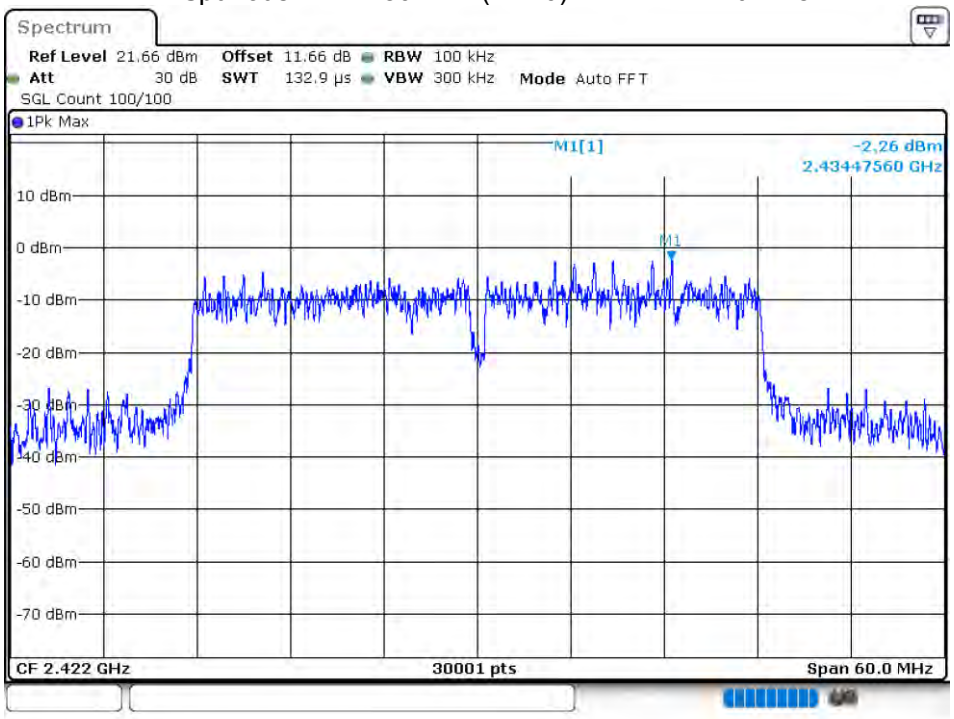
Tx. Spurious NVNT 802.11n(HT20) 2462MHz Ant 2 Ref



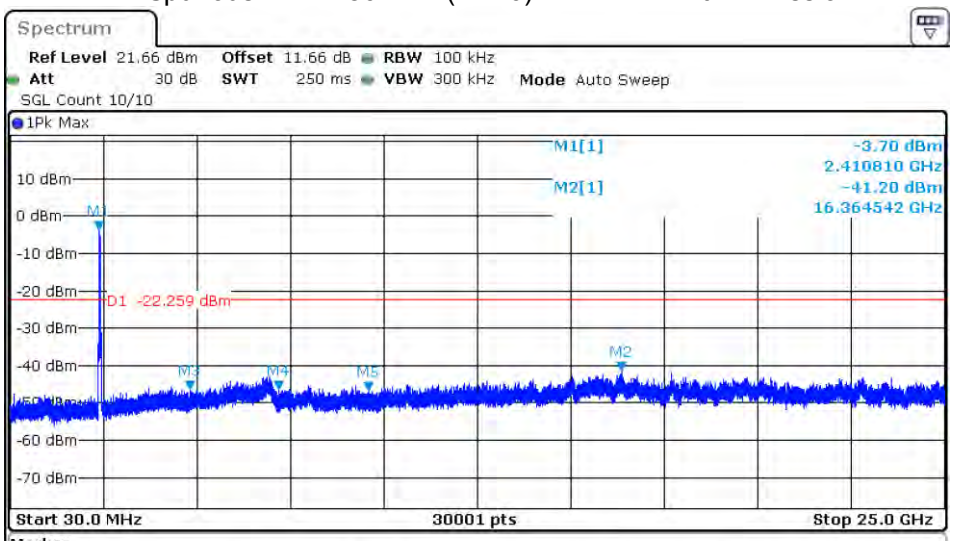
Tx. Spurious NVNT 802.11n(HT20) 2462MHz Ant 2 Emission



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



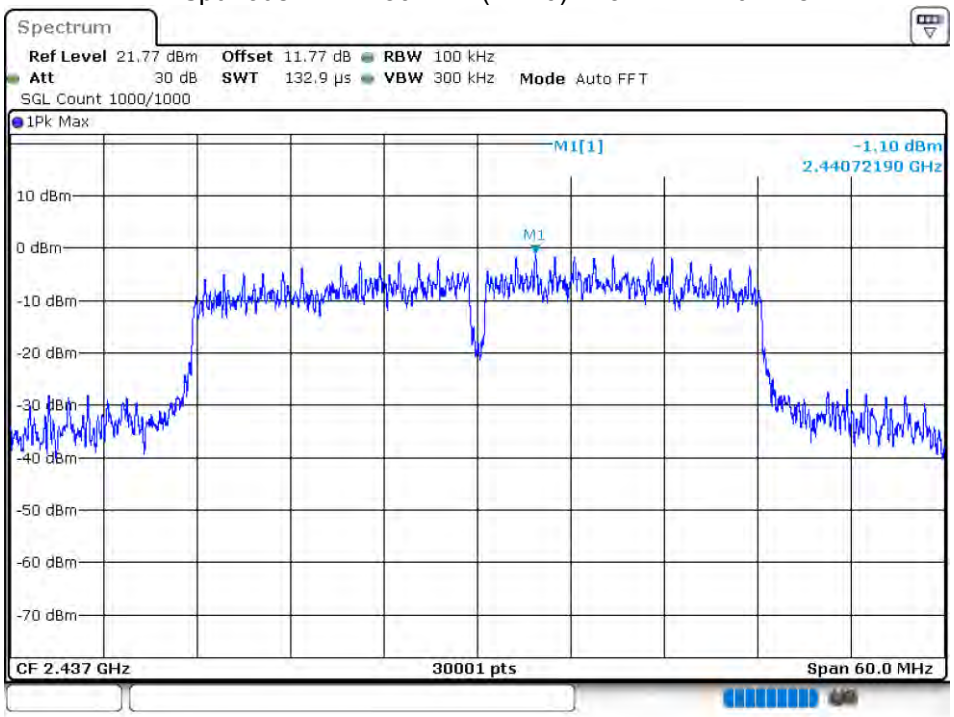
Tx. Spurious NVNT 802.11n(HT40) 2422MHz Ant 1 Emission



Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.41081 GHz	-3.70 dBm		
M2		1	16.364542 GHz	-41.20 dBm		
M3		1	4.839222 GHz	-46.33 dBm		
M4		1	7.19639 GHz	-46.25 dBm		
M5		1	9.592678 GHz	-46.75 dBm		

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



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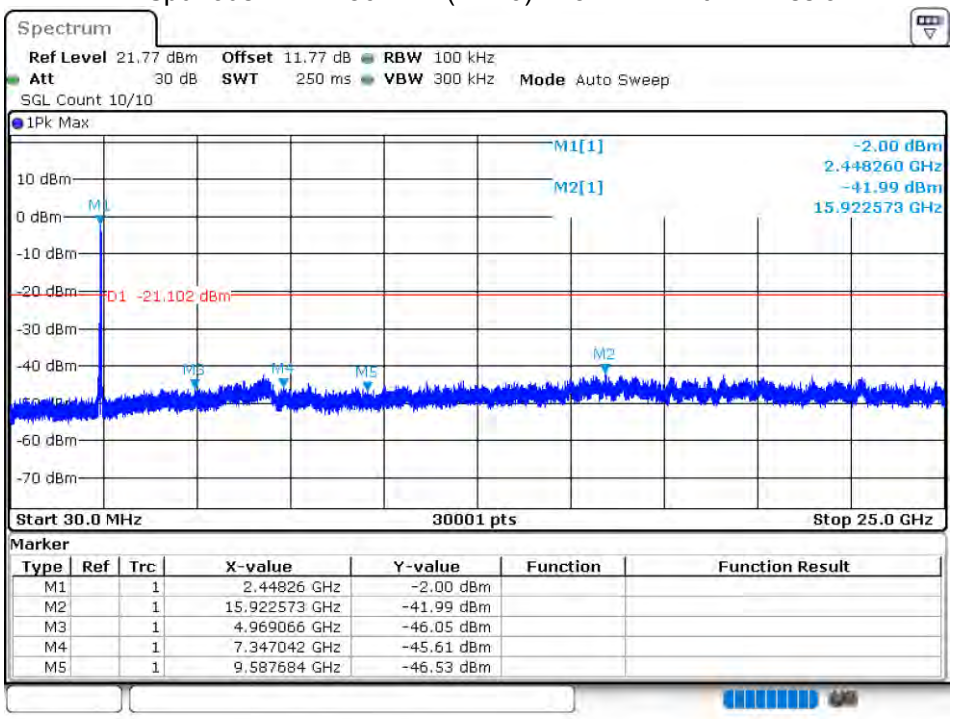
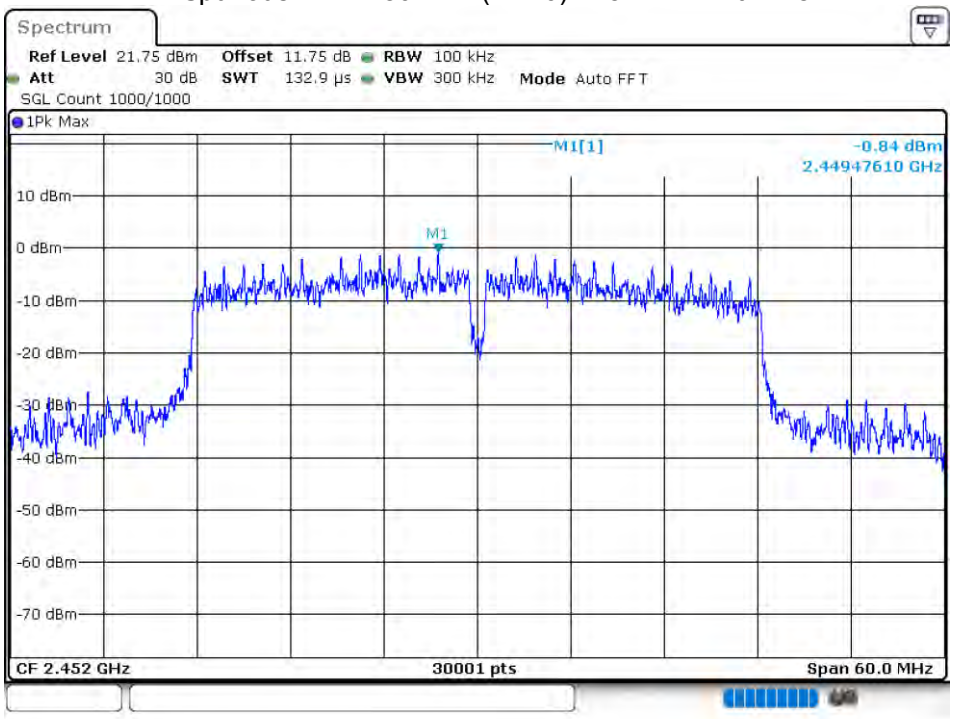
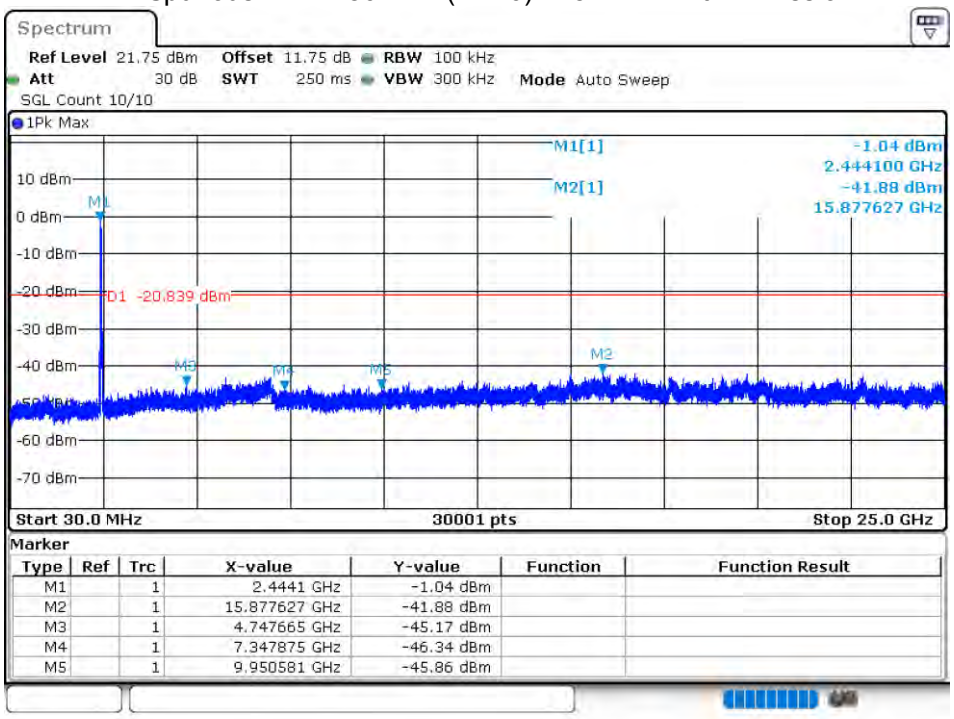


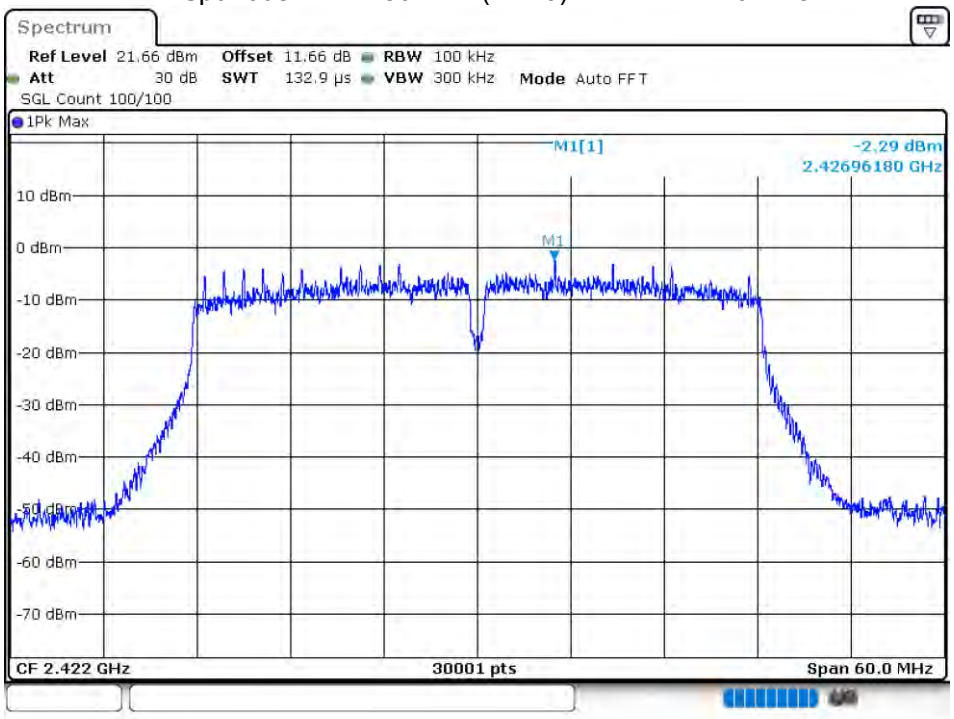
Tx. Spurious NVNT 802.11n(HT40) 2452MHz Ant 1 Ref



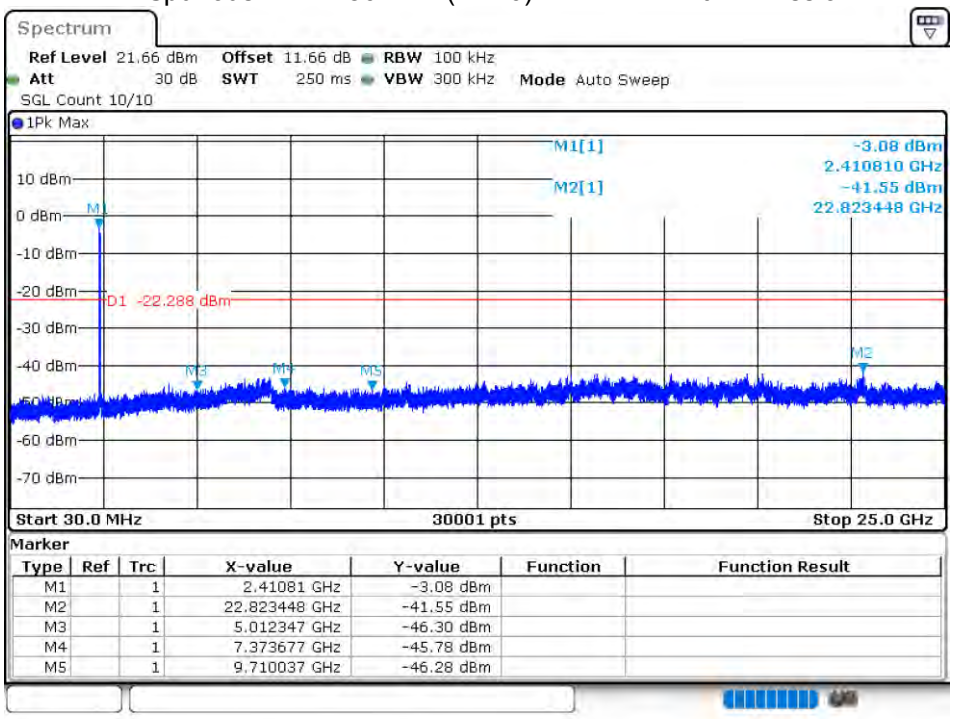
Tx. Spurious NVNT 802.11n(HT40) 2452MHz Ant 1 Emission



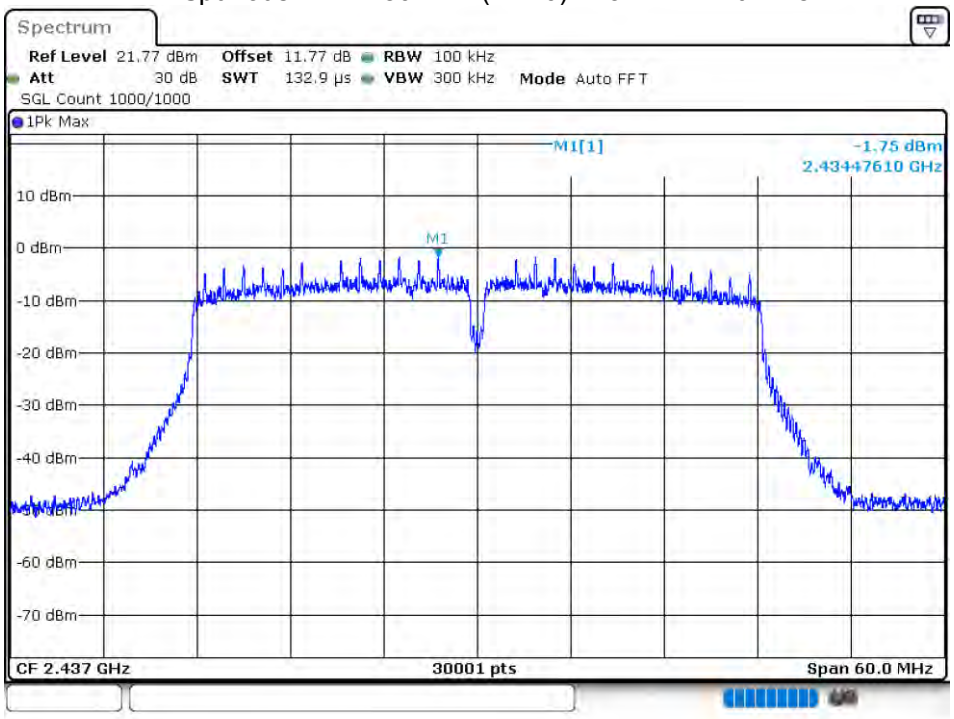
Tx. Spurious NVNT 802.11n(HT40) 2422MHz Ant 2 Ref



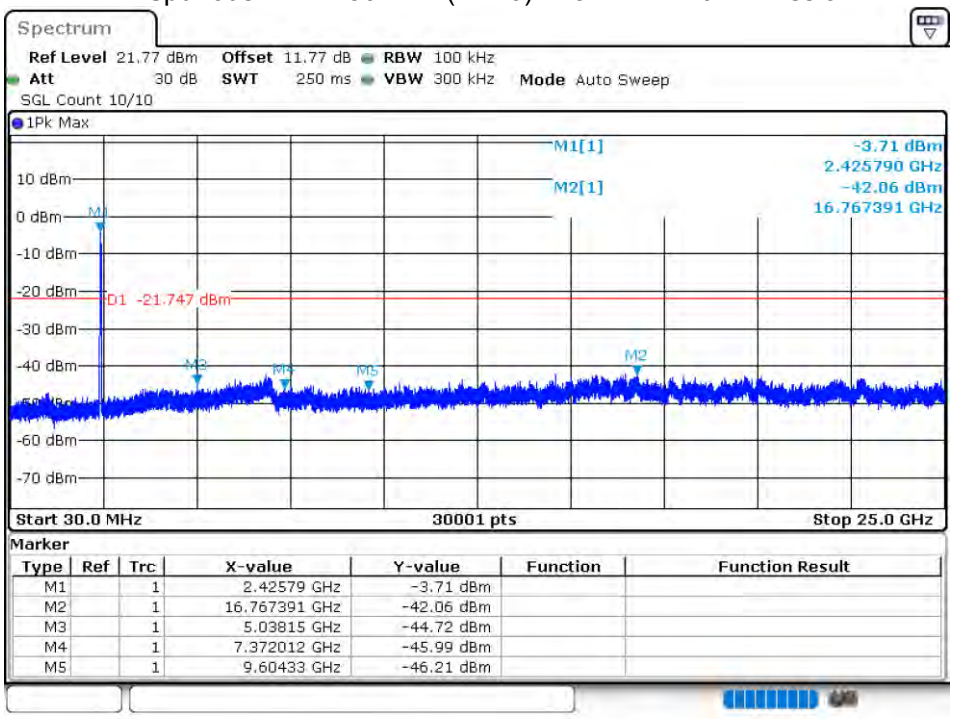
Tx. Spurious NVNT 802.11n(HT40) 2422MHz Ant 2 Emission



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



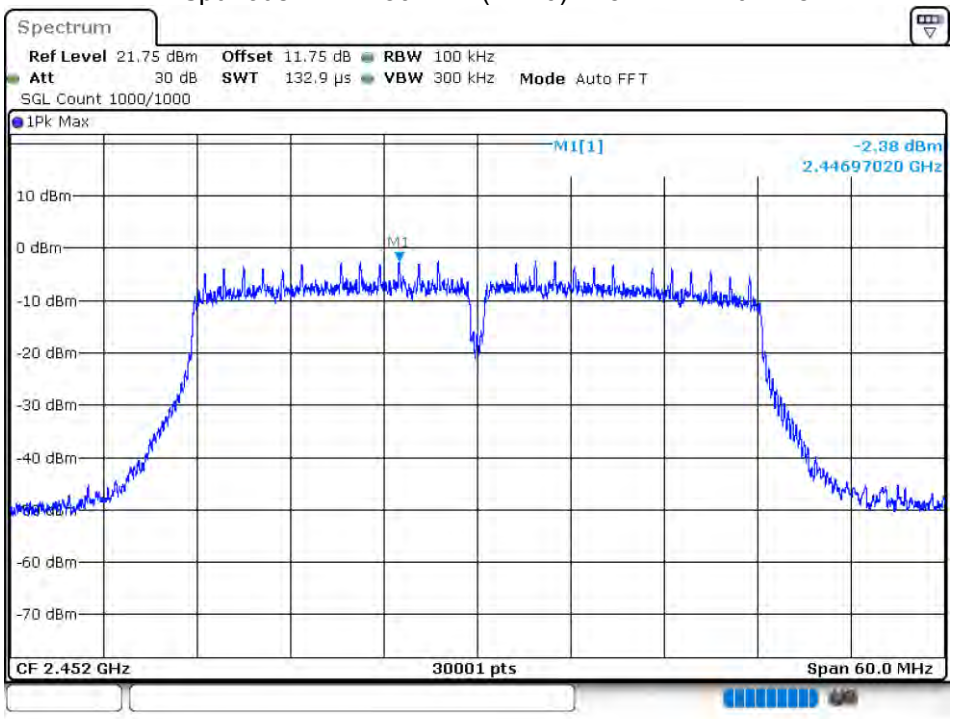
Tx. Spurious NVNT 802.11n(HT40) 2437MHz Ant 2 Emission



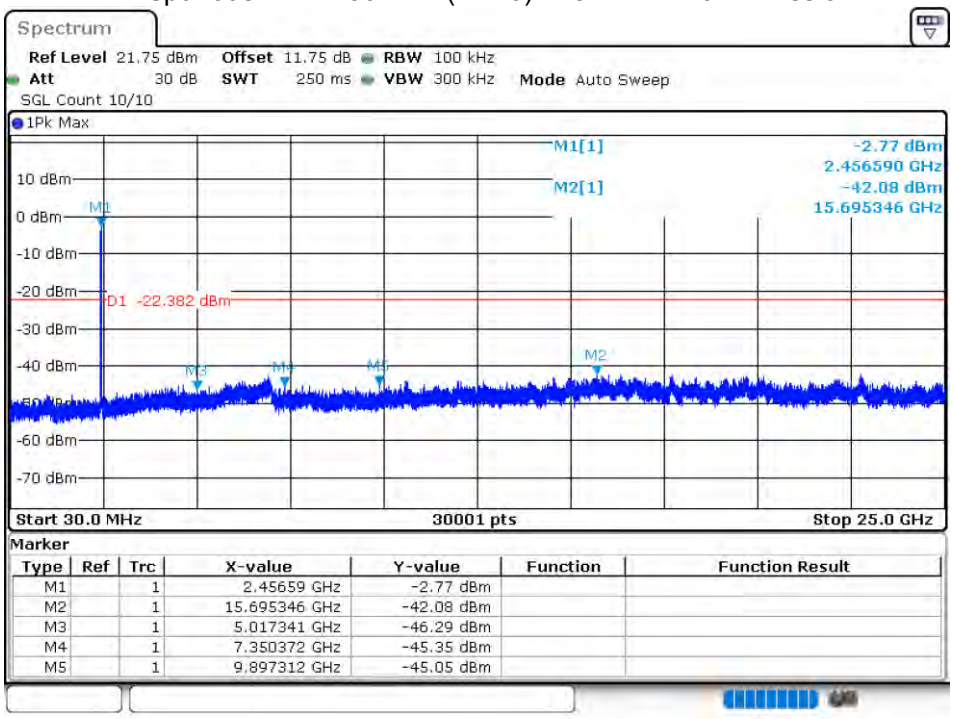
Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.42579 GHz	-3.71 dBm		
M2		1	16.767391 GHz	-42.06 dBm		
M3		1	5.03815 GHz	-44.72 dBm		
M4		1	7.372012 GHz	-45.99 dBm		
M5		1	9.60433 GHz	-46.21 dBm		

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



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



Marker

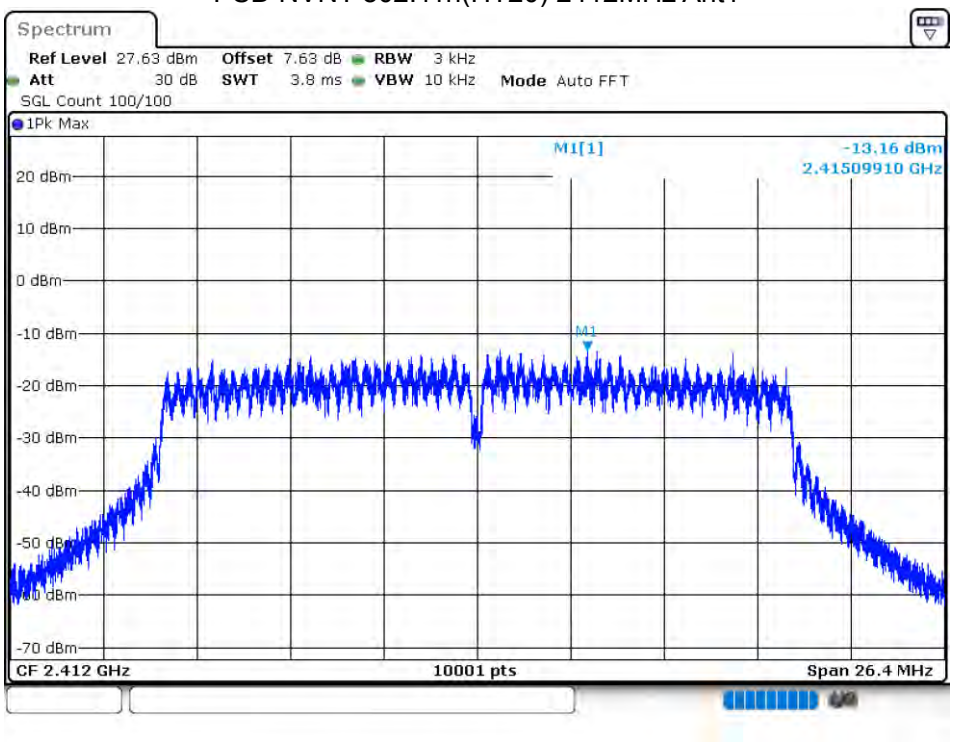
Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.45659 GHz	-2.77 dBm		
M2		1	15.695346 GHz	-42.08 dBm		
M3		1	5.017341 GHz	-46.29 dBm		
M4		1	7.350372 GHz	-45.35 dBm		
M5		1	9.897312 GHz	-45.05 dBm		

2.4GWIFI(MIMO):

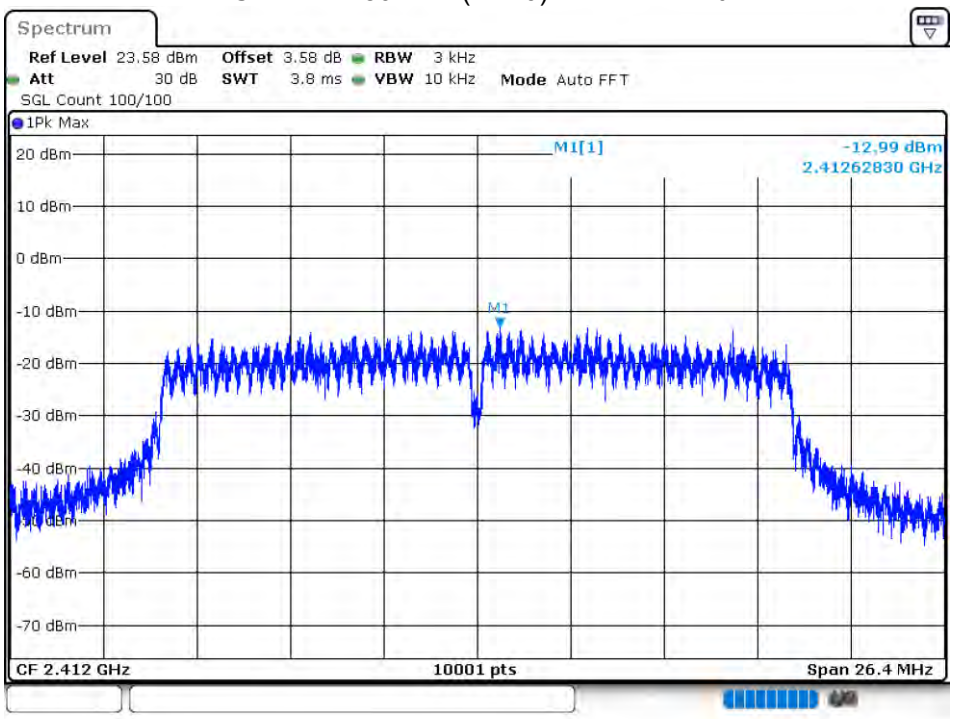
8.1.7 **MAXIMUM POWER SPECTRAL DENSITY LEVEL**

Condition	Mode	Frequency (MHz)	Antenna	Max PSD (dBm/3kHz)	Limit (dBm/3kHz)	Verdict
NVNT	802.11n(HT20)	2412	Ant 1	-13.158	8	Pass
NVNT	802.11n(HT20)	2412	Ant 2	-12.986	8	Pass
NVNT	802.11n(HT20)	2412	Total	-10.061	8	Pass
NVNT	802.11n(HT20)	2437	Ant 1	-18.072	8	Pass
NVNT	802.11n(HT20)	2437	Ant 2	-13.171	8	Pass
NVNT	802.11n(HT20)	2437	Total	-11.954	8	Pass
NVNT	802.11n(HT20)	2462	Ant 1	-18.852	8	Pass
NVNT	802.11n(HT20)	2462	Ant 2	-14.259	8	Pass
NVNT	802.11n(HT20)	2462	Total	-12.964	8	Pass
NVNT	802.11n(HT40)	2422	Ant 1	-20.578	8	Pass
NVNT	802.11n(HT40)	2422	Ant 2	-16.336	8	Pass
NVNT	802.11n(HT40)	2422	Total	-14.948	8	Pass
NVNT	802.11n(HT40)	2437	Ant 1	-20.953	8	Pass
NVNT	802.11n(HT40)	2437	Ant 2	-16.383	8	Pass
NVNT	802.11n(HT40)	2437	Total	-15.082	8	Pass
NVNT	802.11n(HT40)	2452	Ant 1	-21.804	8	Pass
NVNT	802.11n(HT40)	2452	Ant 2	-17.417	8	Pass
NVNT	802.11n(HT40)	2452	Total	-16.068	8	Pass

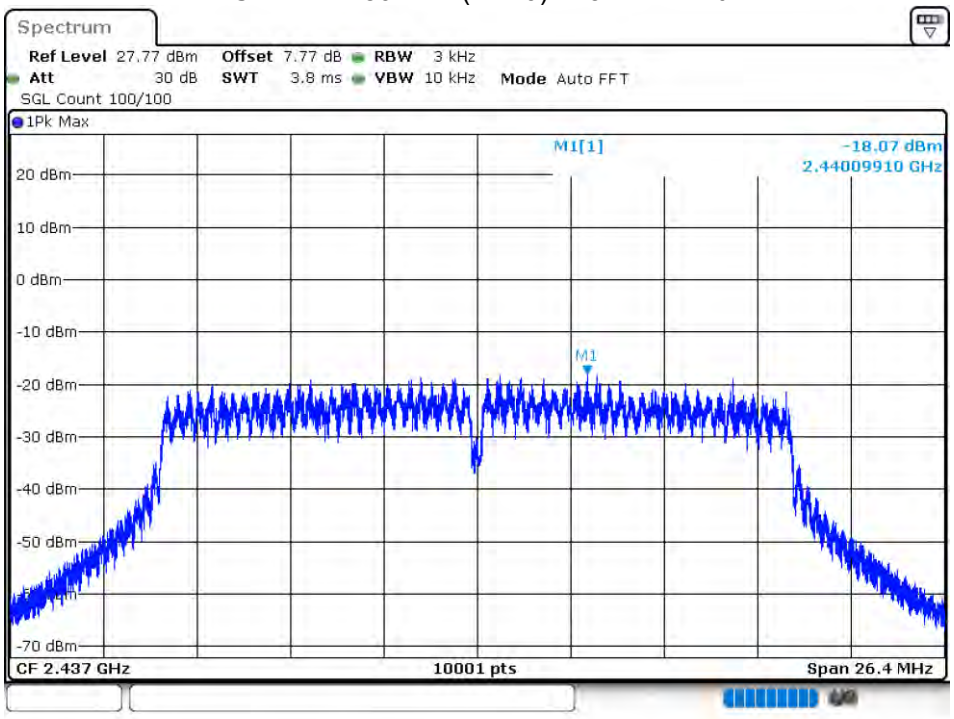
PSD NVNT 802.11n(HT20) 2412MHz Ant1



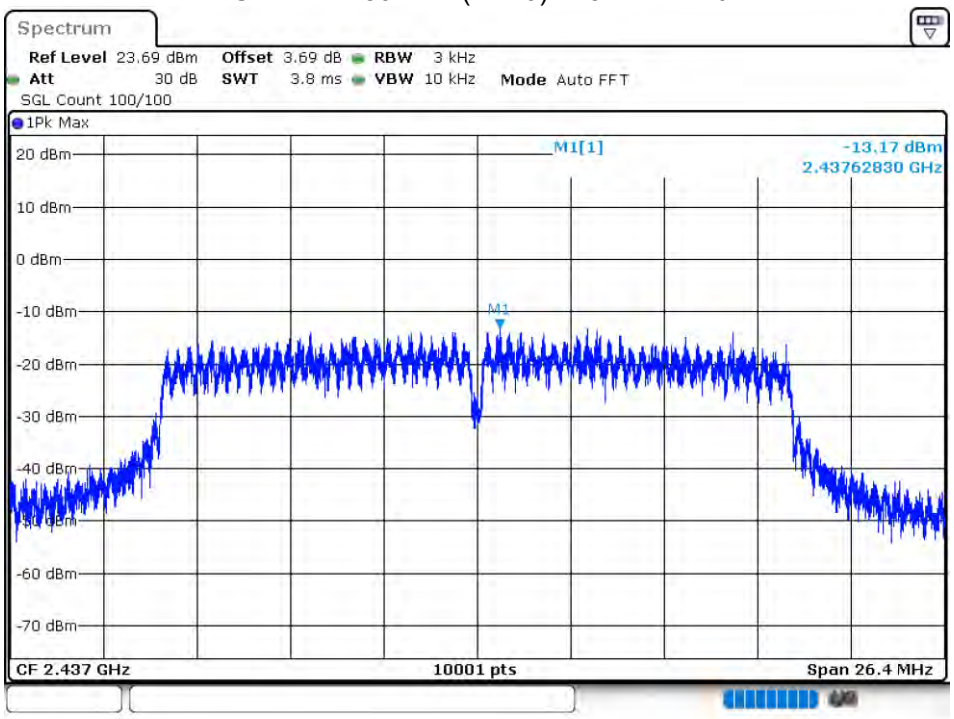
PSD NVNT 802.11n(HT20) 2412MHz Ant2



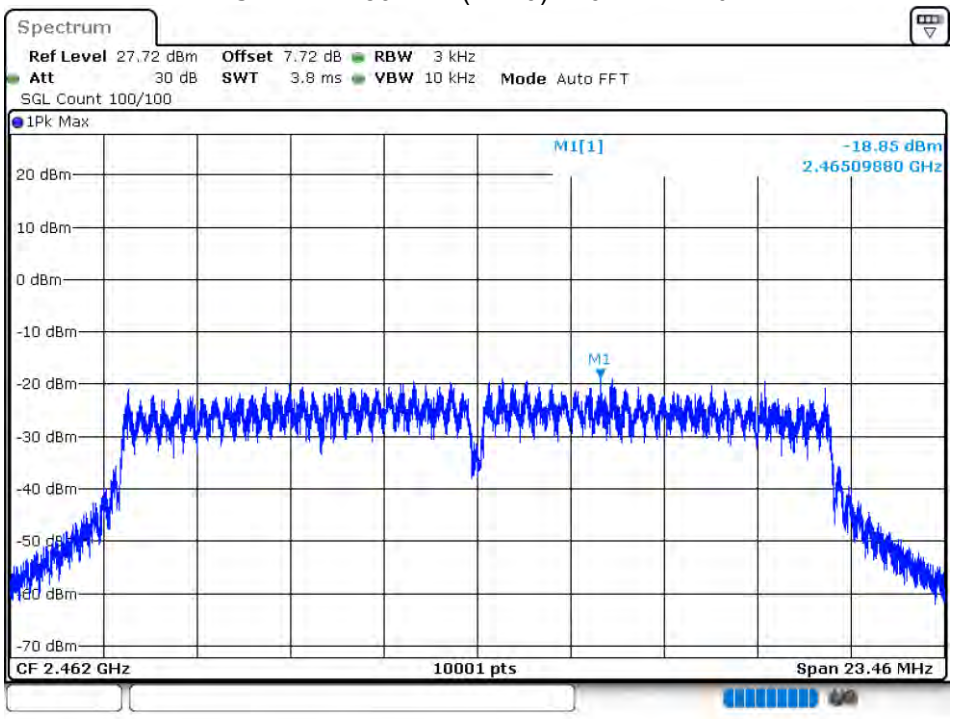
PSD NVNT 802.11n(HT20) 2437MHz Ant1



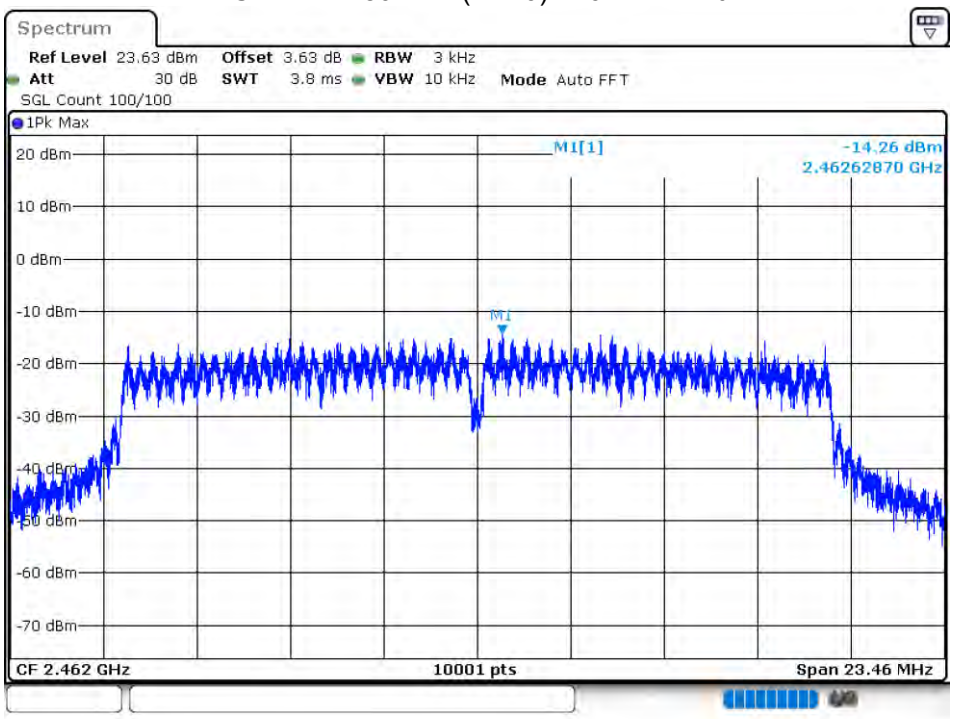
PSD NVNT 802.11n(HT20) 2437MHz Ant2



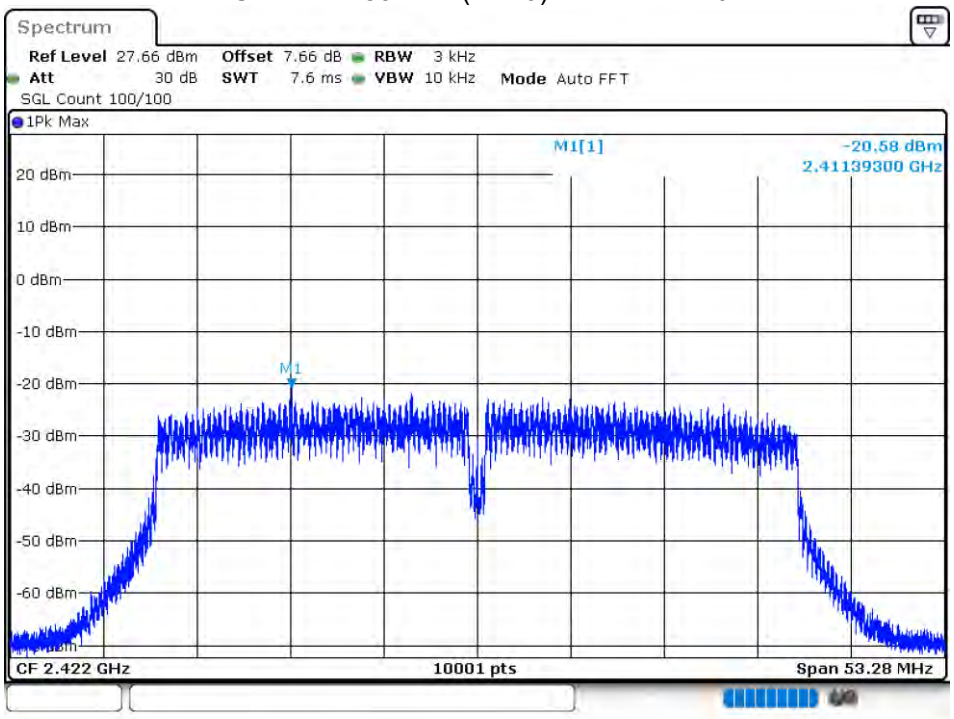
PSD NVNT 802.11n(HT20) 2462MHz Ant1



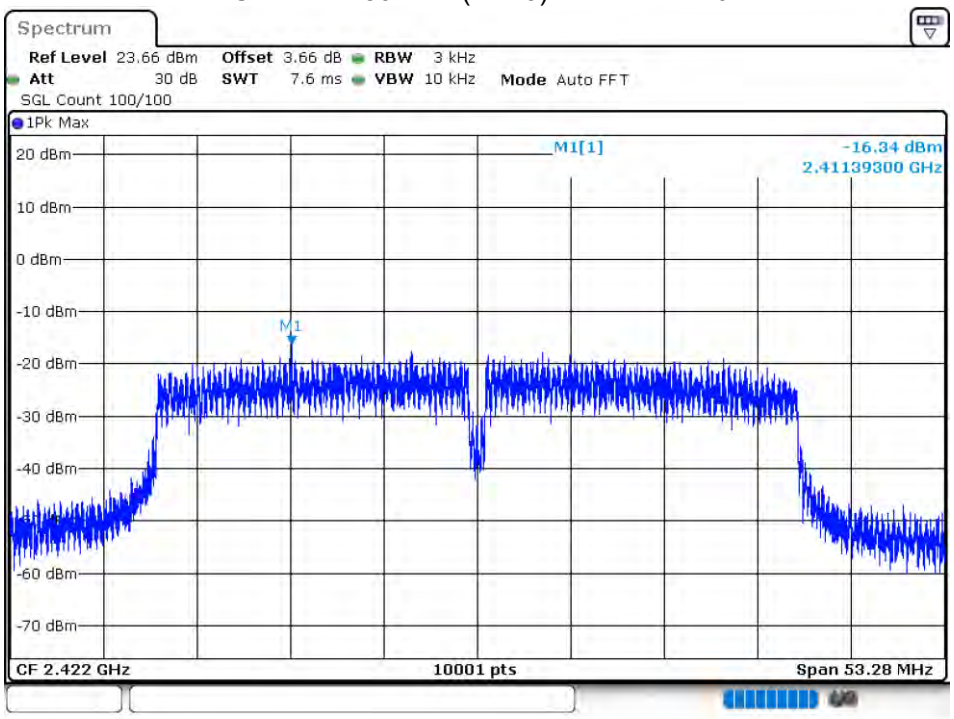
PSD NVNT 802.11n(HT20) 2462MHz Ant2



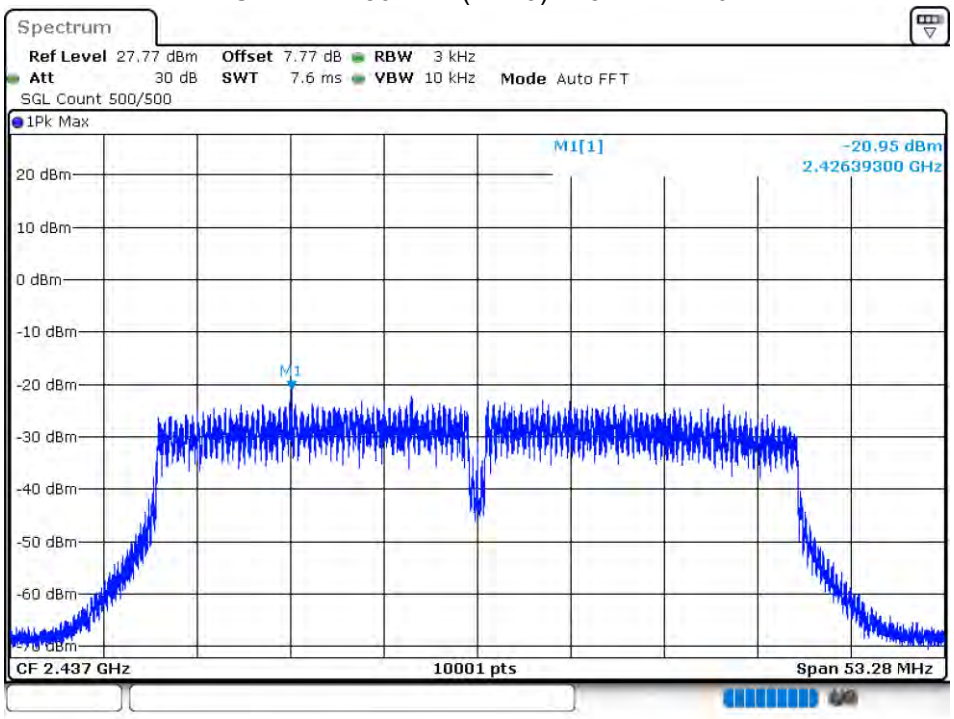
PSD NVNT 802.11n(HT40) 2422MHz Ant1



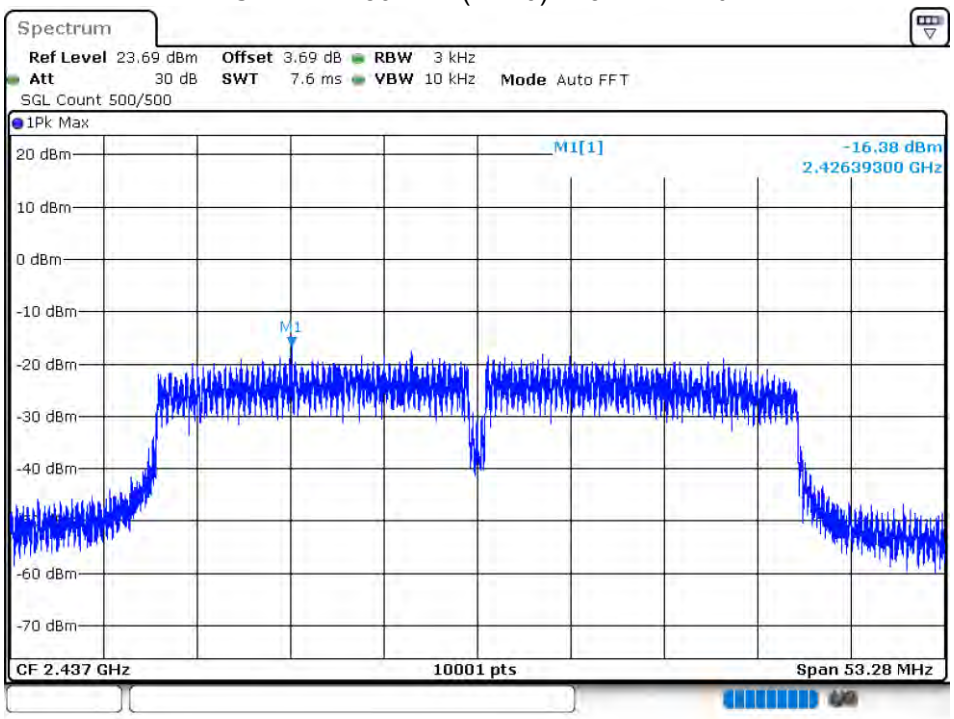
PSD NVNT 802.11n(HT40) 2422MHz Ant2



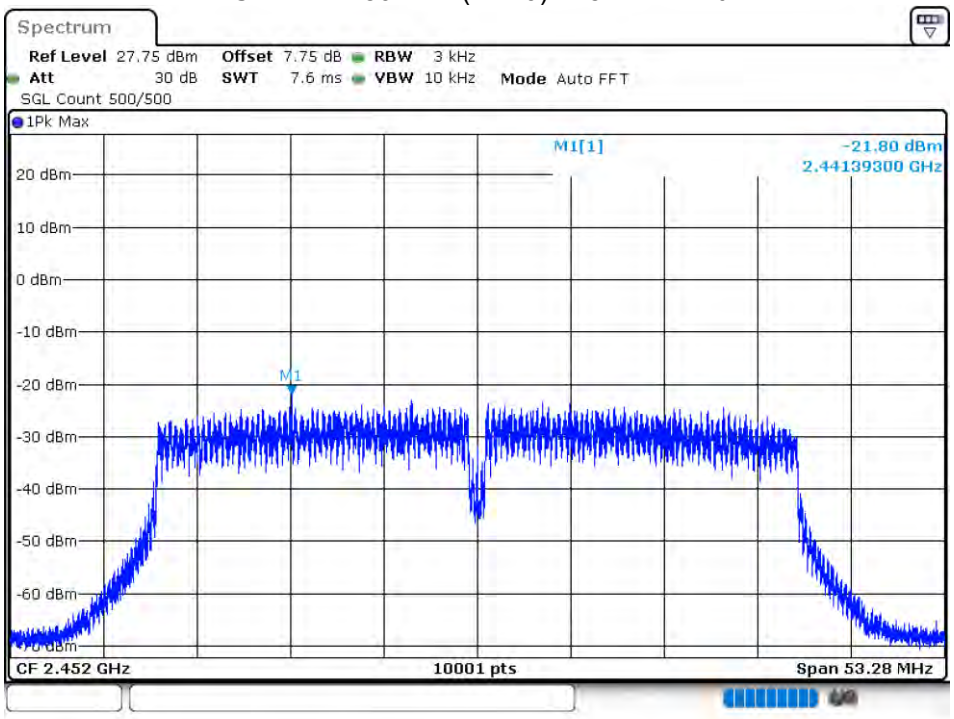
PSD NVNT 802.11n(HT40) 2437MHz Ant1



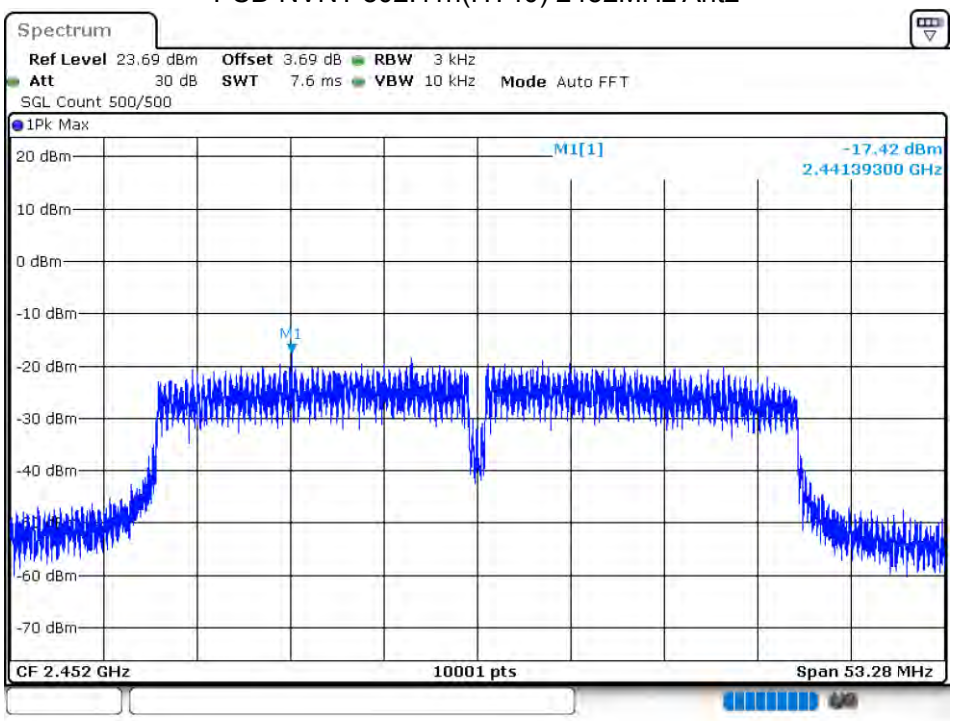
PSD NVNT 802.11n(HT40) 2437MHz Ant2



PSD NVNT 802.11n(HT40) 2452MHz Ant1



PSD NVNT 802.11n(HT40) 2452MHz Ant2



END OF REPORT