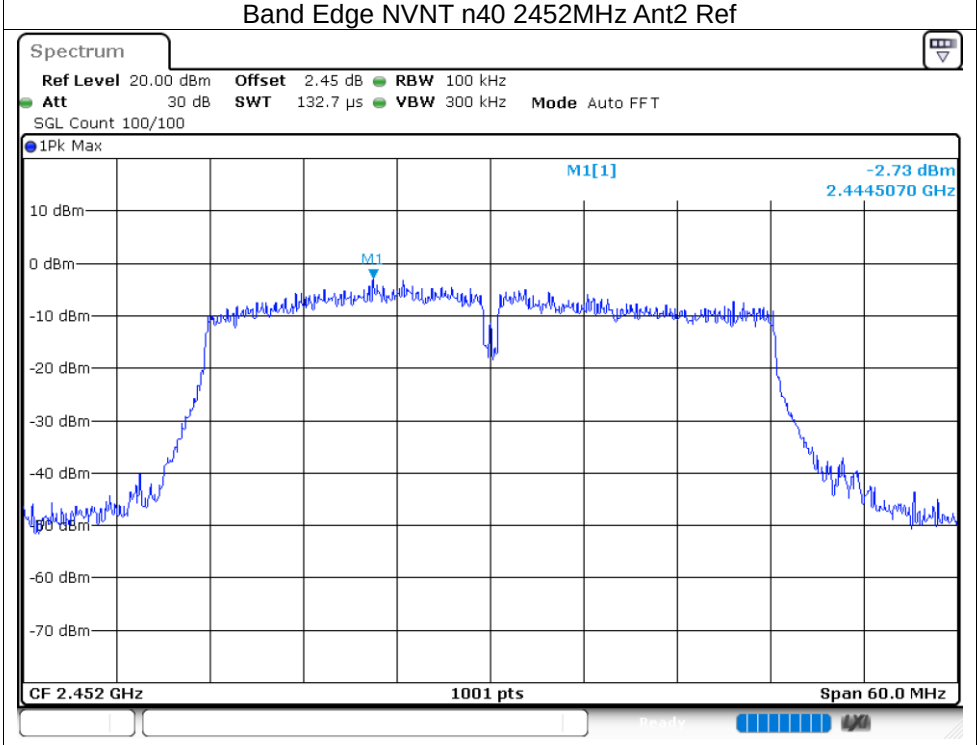
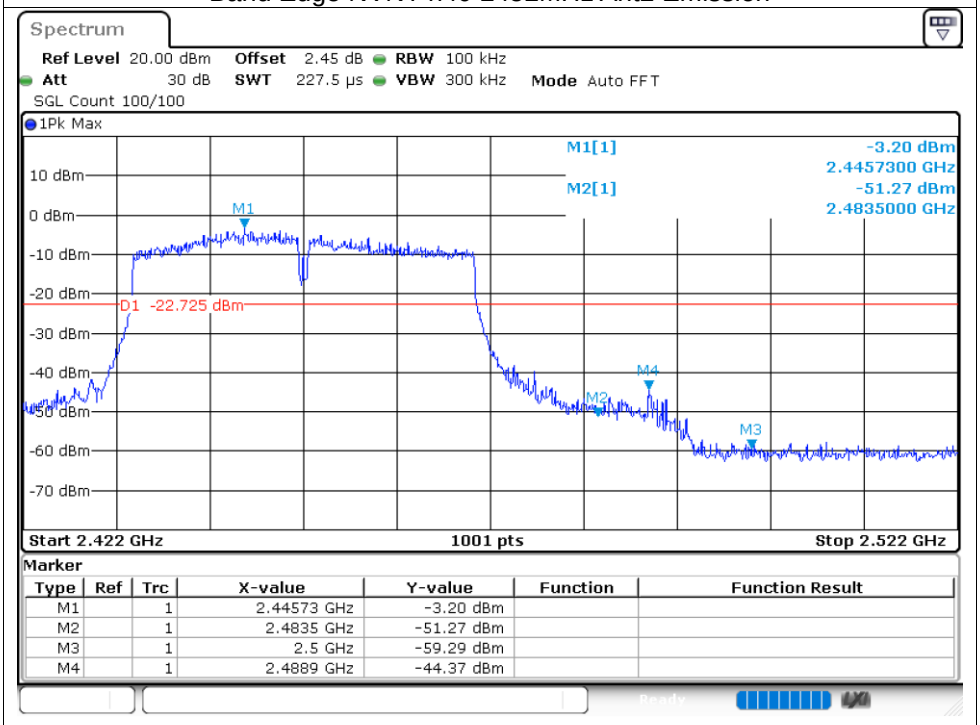
Band Edge NVNT n40 2452MHz Ant2 Ref



Band Edge NVNT n40 2452MHz Ant2 Emission



Marker

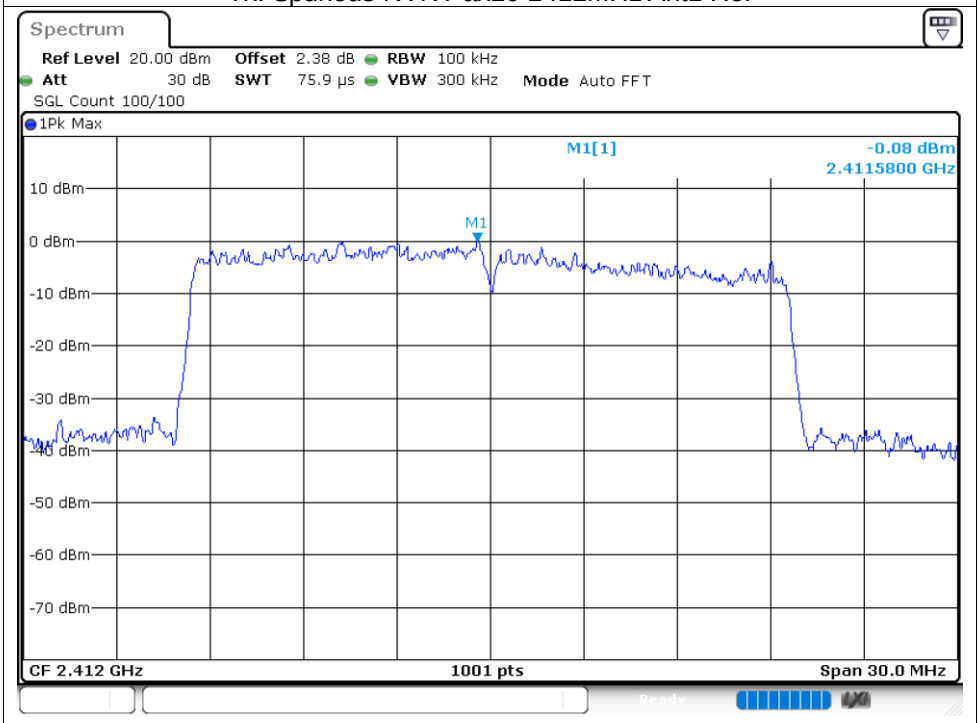
Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.44573 GHz	-3.20 dBm		
M2		1	2.4835 GHz	-51.27 dBm		
M3		1	2.5 GHz	-59.29 dBm		
M4		1	2.4889 GHz	-44.37 dBm		

8.2.7 Conducted RF Spurious Emission

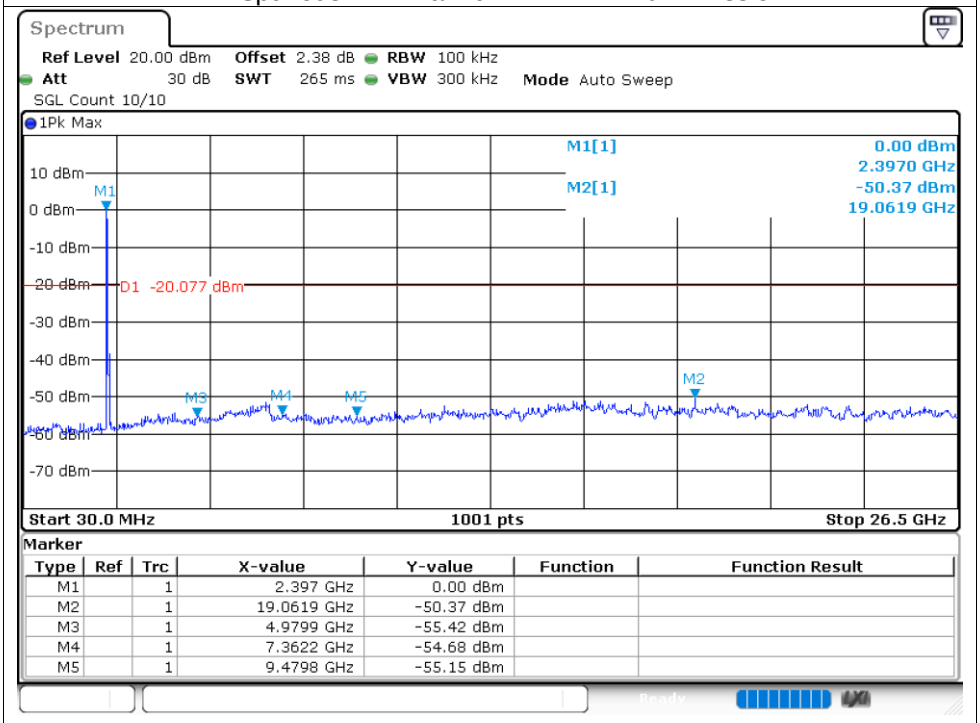
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	ax20	2412	Ant1	-50.28	-20	Pass
NVNT	ax20	2412	Ant2	-47.52	-20	Pass
NVNT	ax20	2437	Ant1	-53.35	-20	Pass
NVNT	ax20	2437	Ant2	-48.6	-20	Pass
NVNT	ax20	2462	Ant1	-51.75	-20	Pass
NVNT	ax20	2462	Ant2	-47.83	-20	Pass
NVNT	ax40	2422	Ant1	-40.25	-20	Pass
NVNT	ax40	2422	Ant2	-44.3	-20	Pass
NVNT	ax40	2437	Ant1	-47.76	-20	Pass
NVNT	ax40	2437	Ant2	-47.98	-20	Pass
NVNT	ax40	2452	Ant1	-48.67	-20	Pass
NVNT	ax40	2452	Ant2	-45.55	-20	Pass
NVNT	n20	2412	Ant1	-50.53	-20	Pass
NVNT	n20	2412	Ant2	-48.73	-20	Pass
NVNT	n20	2437	Ant1	-51.77	-20	Pass
NVNT	n20	2437	Ant2	-44.79	-20	Pass
NVNT	n20	2462	Ant1	-52.7	-20	Pass
NVNT	n20	2462	Ant2	-49.26	-20	Pass
NVNT	n40	2422	Ant1	-47.93	-20	Pass
NVNT	n40	2422	Ant2	-43.14	-20	Pass
NVNT	n40	2437	Ant1	-47.88	-20	Pass
NVNT	n40	2437	Ant2	-48.44	-20	Pass
NVNT	n40	2452	Ant1	-47.32	-20	Pass
NVNT	n40	2452	Ant2	-46.62	-20	Pass

Test Graphs

Tx. Spurious NVNT ax20 2412MHz Ant1 Ref



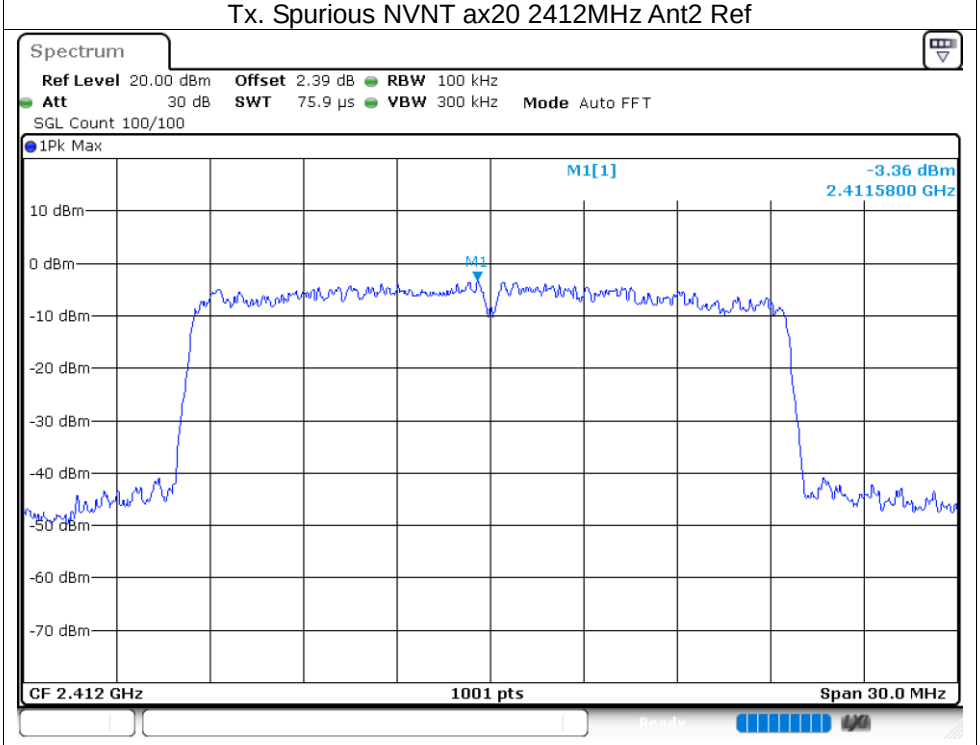
Tx. Spurious NVNT ax20 2412MHz Ant1 Emission



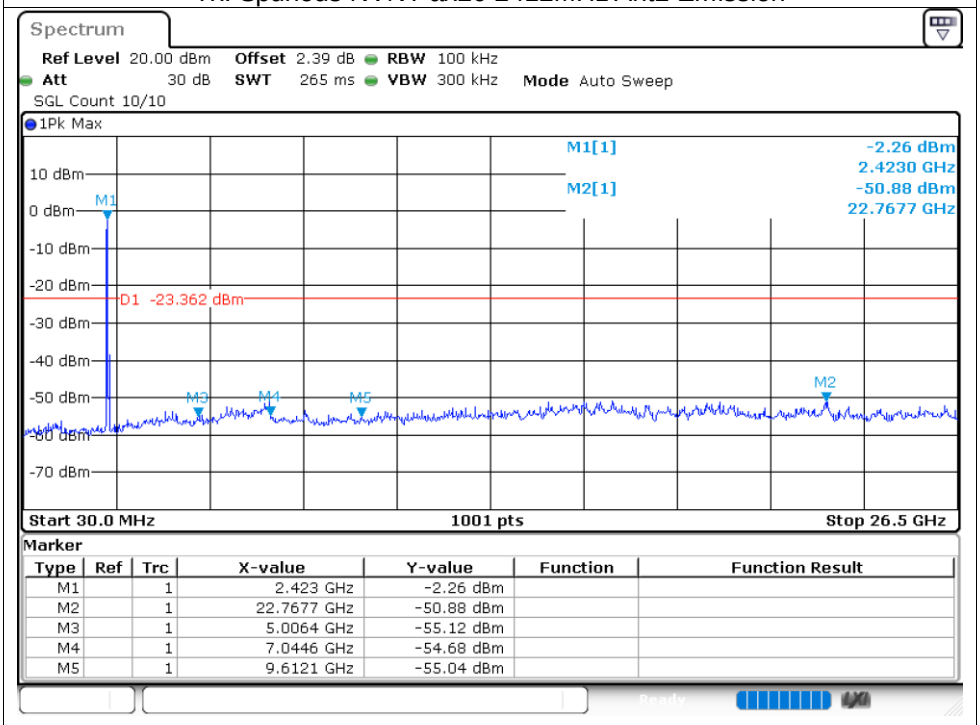
Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.397 GHz	0.00 dBm		
M2		1	19.0619 GHz	-50.37 dBm		
M3		1	4.9799 GHz	-55.42 dBm		
M4		1	7.3622 GHz	-54.68 dBm		
M5		1	9.4798 GHz	-55.15 dBm		

Tx. Spurious NVNT ax20 2412MHz Ant2 Ref



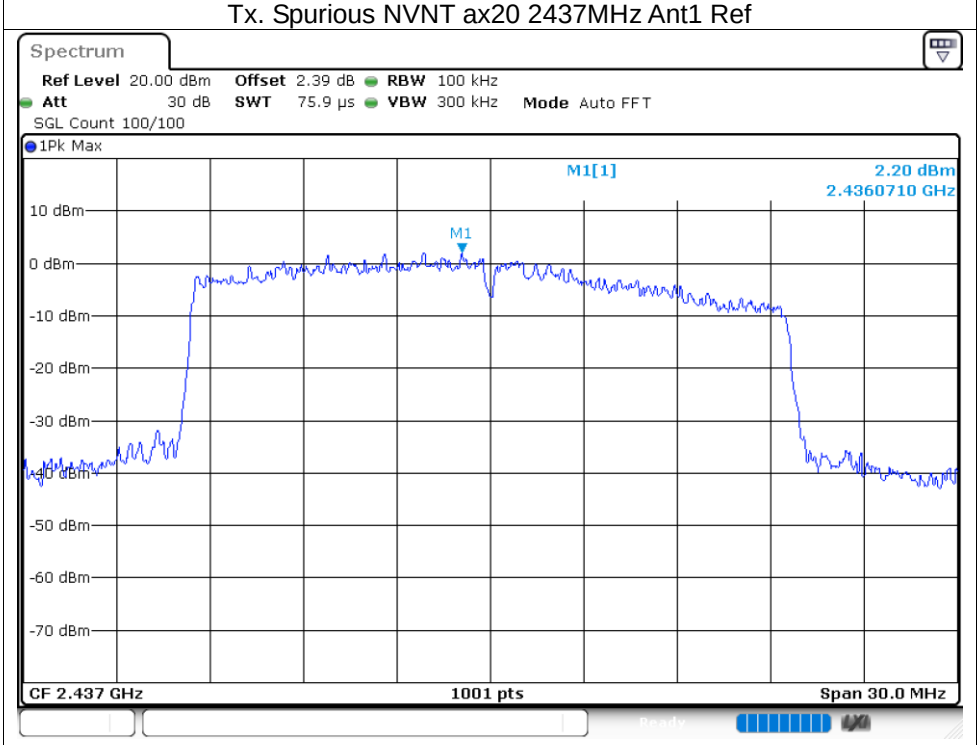
Tx. Spurious NVNT ax20 2412MHz Ant2 Emission



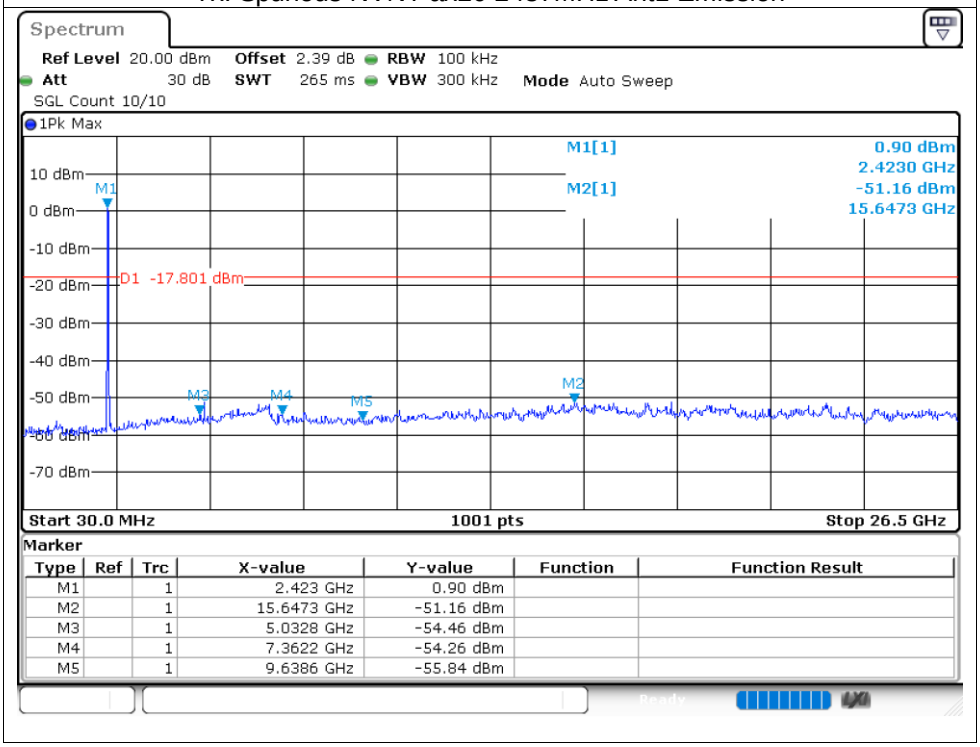
Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.423 GHz	-2.26 dBm		
M2		1	22.7677 GHz	-50.88 dBm		
M3		1	5.0064 GHz	-55.12 dBm		
M4		1	7.0446 GHz	-54.68 dBm		
M5		1	9.6121 GHz	-55.04 dBm		

Tx. Spurious NVNT ax20 2437MHz Ant1 Ref



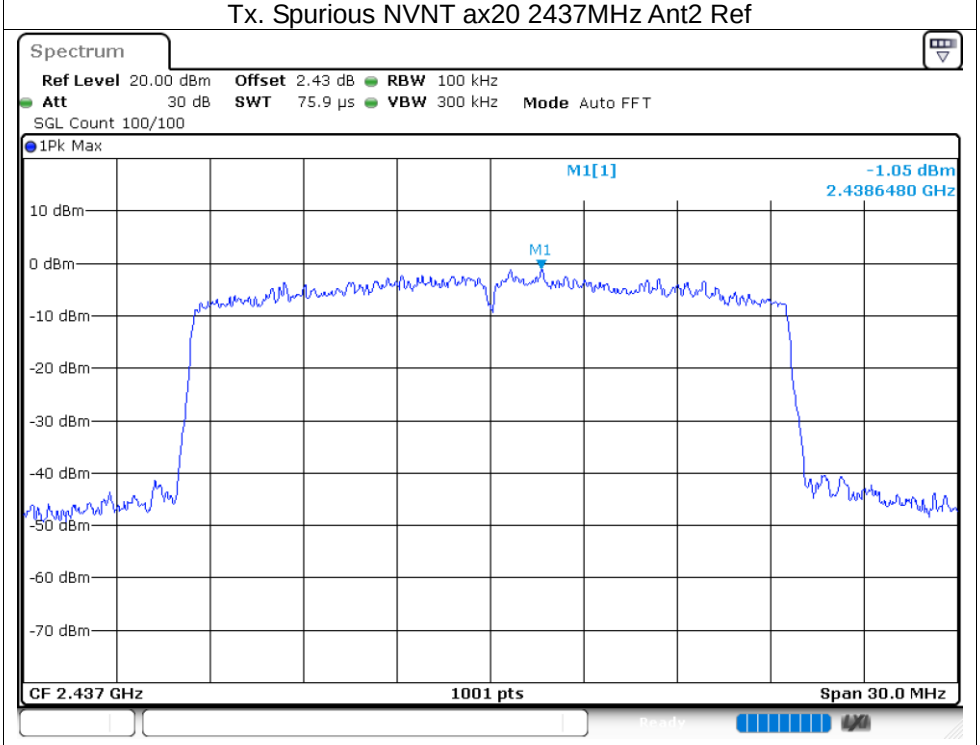
Tx. Spurious NVNT ax20 2437MHz Ant1 Emission



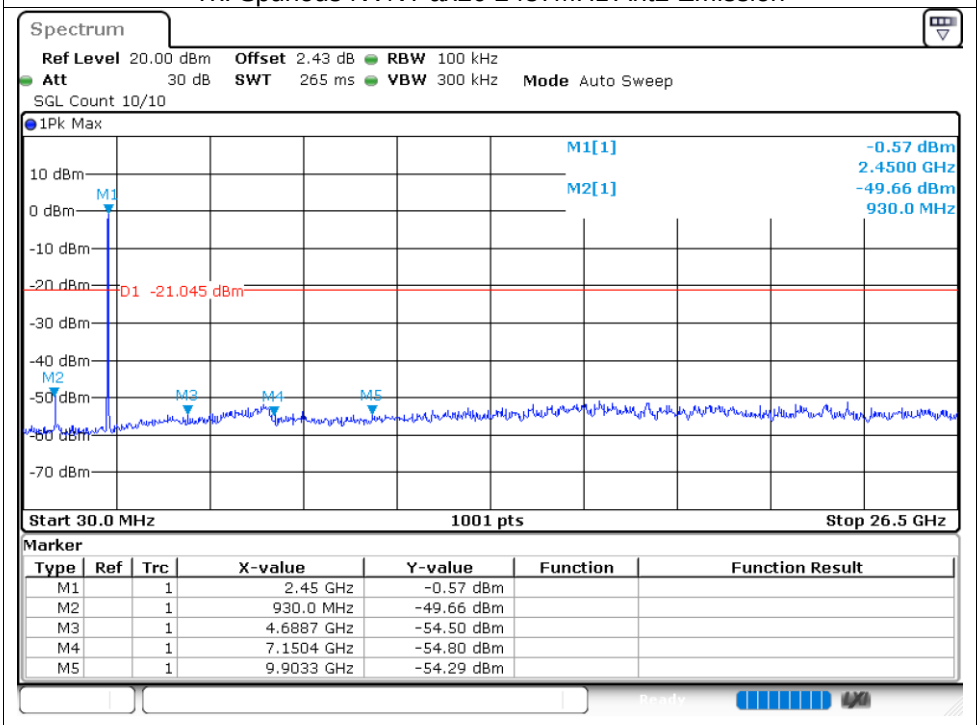
Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.423 GHz	0.90 dBm		
M2		1	15.6473 GHz	-51.16 dBm		
M3		1	5.0328 GHz	-54.46 dBm		
M4		1	7.3622 GHz	-54.26 dBm		
M5		1	9.6386 GHz	-55.84 dBm		

Tx. Spurious NVNT ax20 2437MHz Ant2 Ref



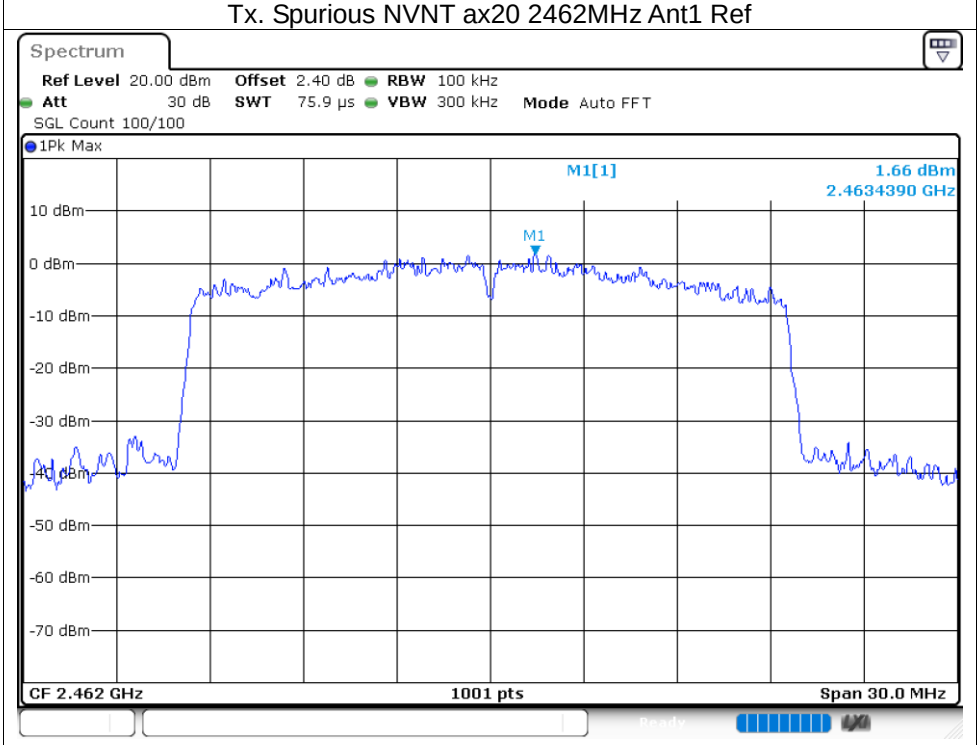
Tx. Spurious NVNT ax20 2437MHz Ant2 Emission



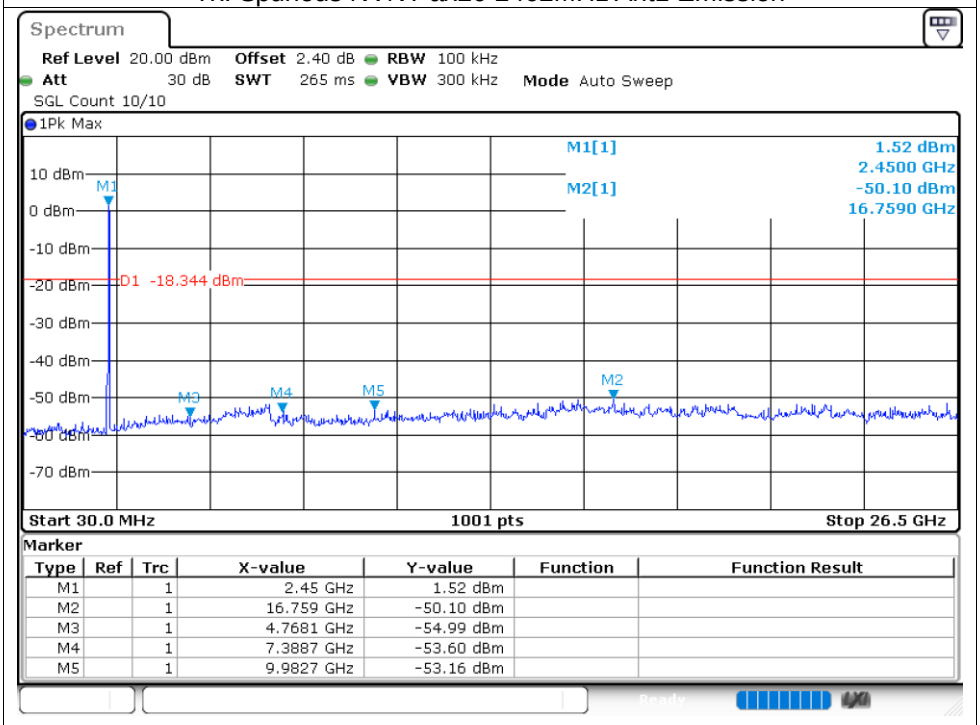
Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.45 GHz	-0.57 dBm		
M2		1	930.0 MHz	-49.66 dBm		
M3		1	4.6887 GHz	-54.50 dBm		
M4		1	7.1504 GHz	-54.80 dBm		
M5		1	9.9033 GHz	-54.29 dBm		

Tx. Spurious NVNT ax20 2462MHz Ant1 Ref



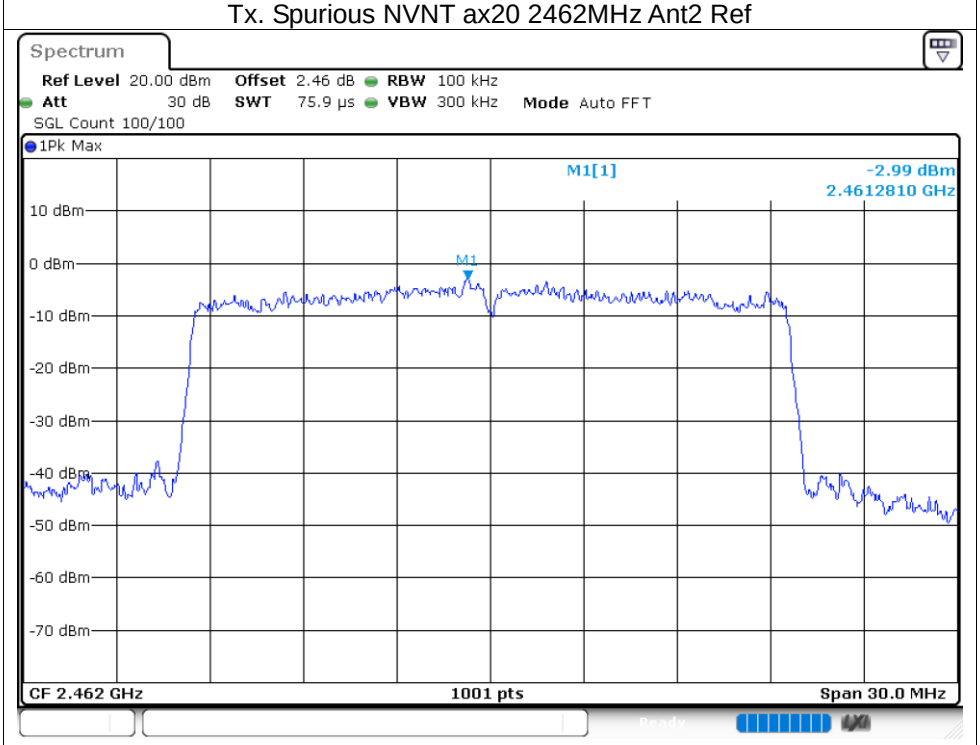
Tx. Spurious NVNT ax20 2462MHz Ant1 Emission



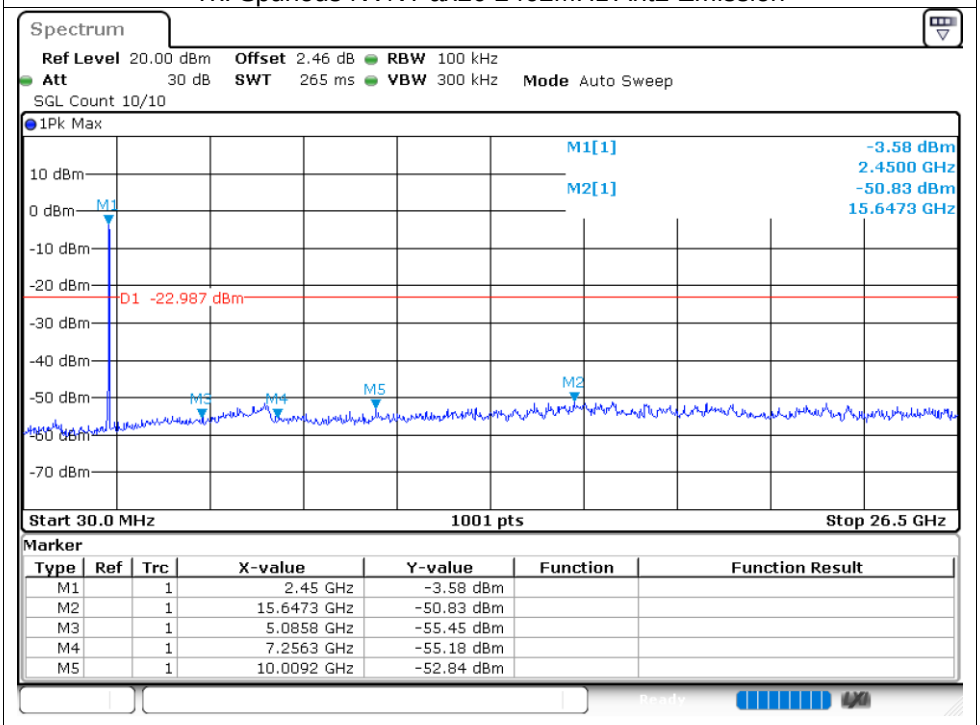
Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.45 GHz	1.52 dBm		
M2		1	16.759 GHz	-50.10 dBm		
M3		1	4.7681 GHz	-54.99 dBm		
M4		1	7.3887 GHz	-53.60 dBm		
M5		1	9.9827 GHz	-53.16 dBm		

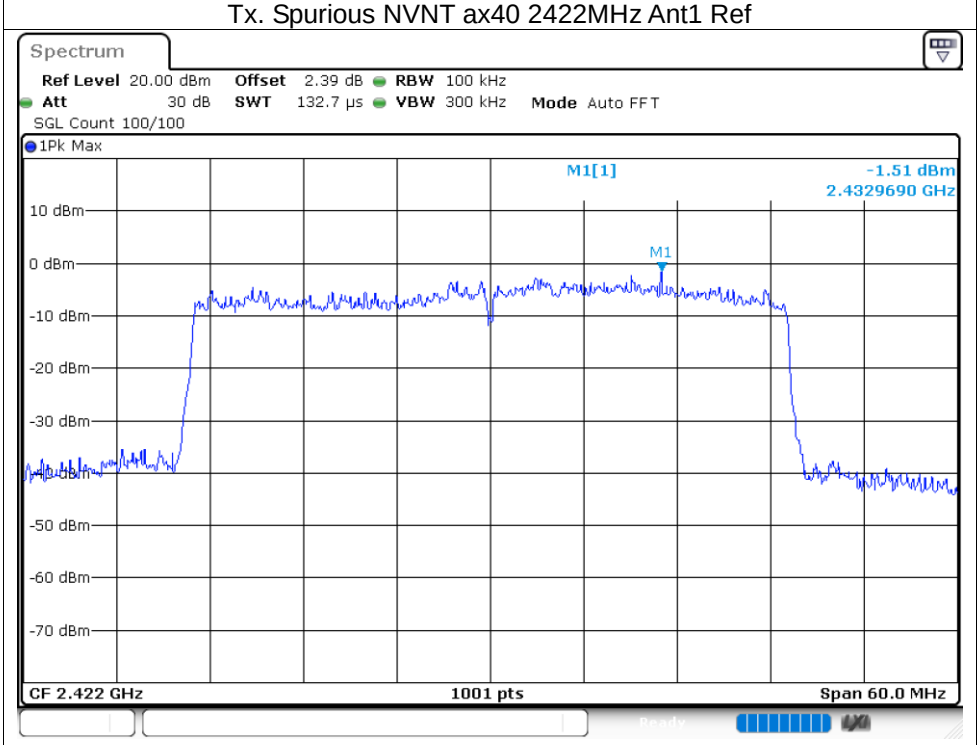
Tx. Spurious NVNT ax20 2462MHz Ant2 Ref



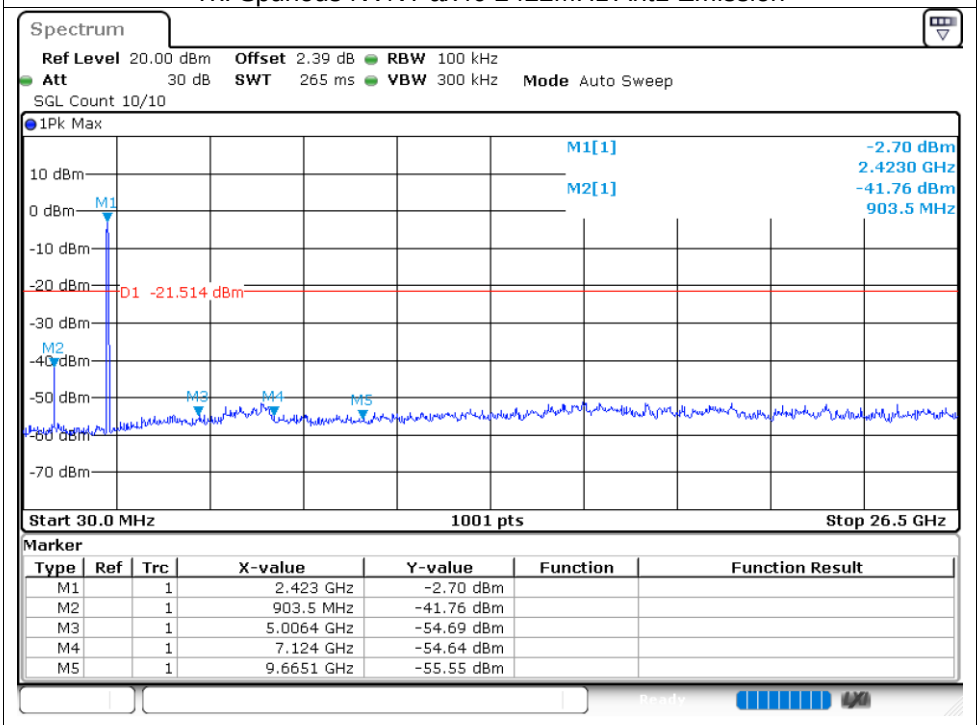
Tx. Spurious NVNT ax20 2462MHz Ant2 Emission



Tx. Spurious NVNT ax40 2422MHz Ant1 Ref



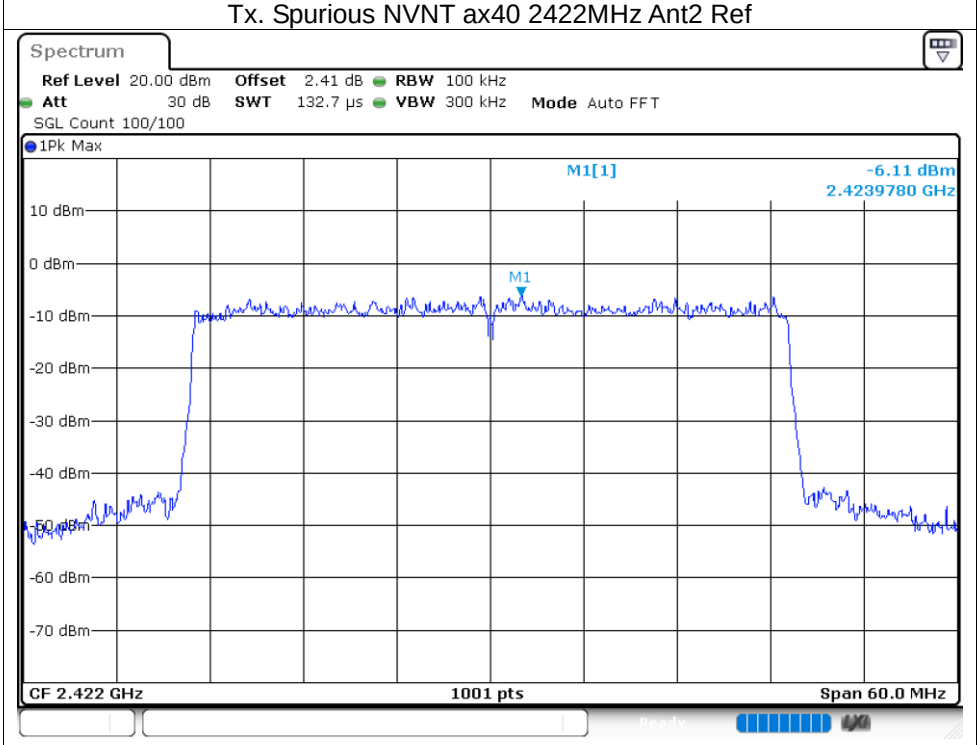
Tx. Spurious NVNT ax40 2422MHz Ant1 Emission



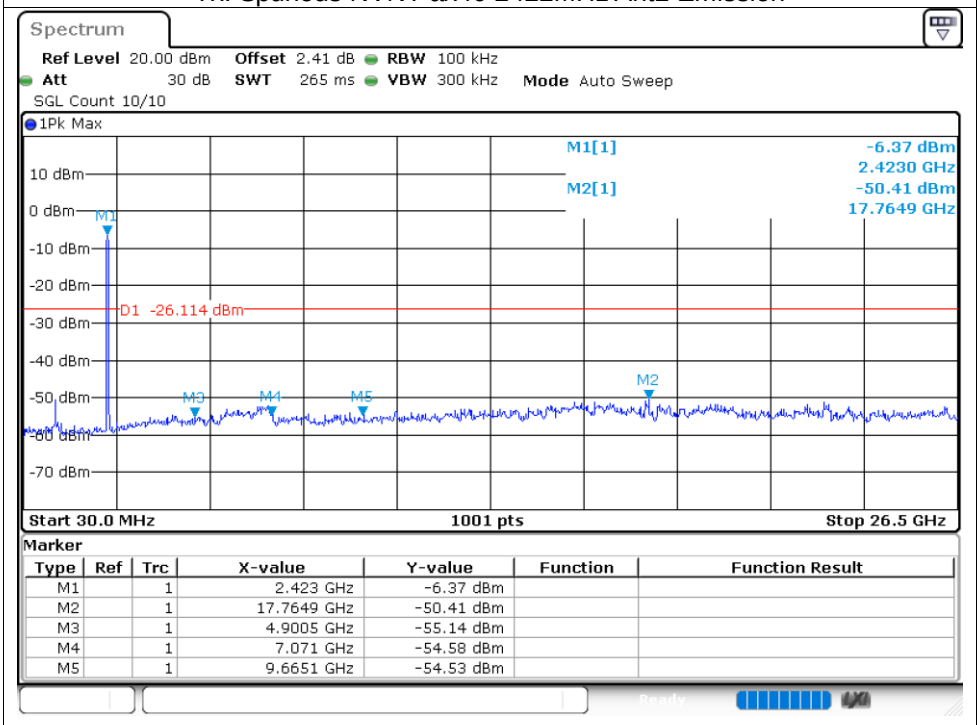
Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.423 GHz	-2.70 dBm		
M2		1	903.5 MHz	-41.76 dBm		
M3		1	5.0064 GHz	-54.69 dBm		
M4		1	7.124 GHz	-54.64 dBm		
M5		1	9.6651 GHz	-55.55 dBm		

Tx. Spurious NVNT ax40 2422MHz Ant2 Ref



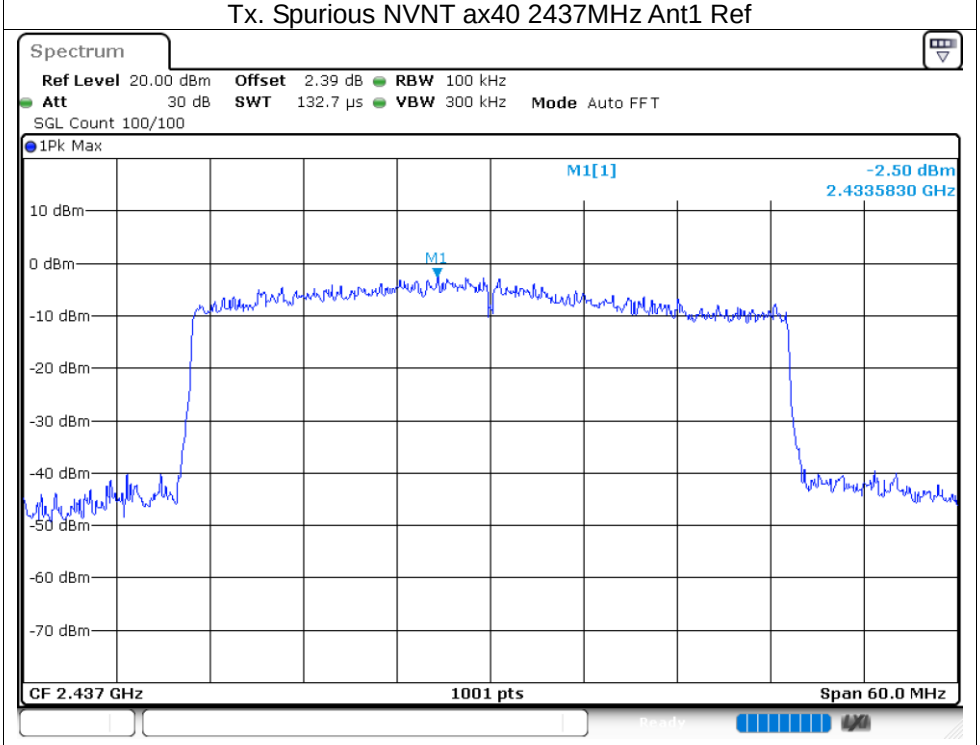
Tx. Spurious NVNT ax40 2422MHz Ant2 Emission



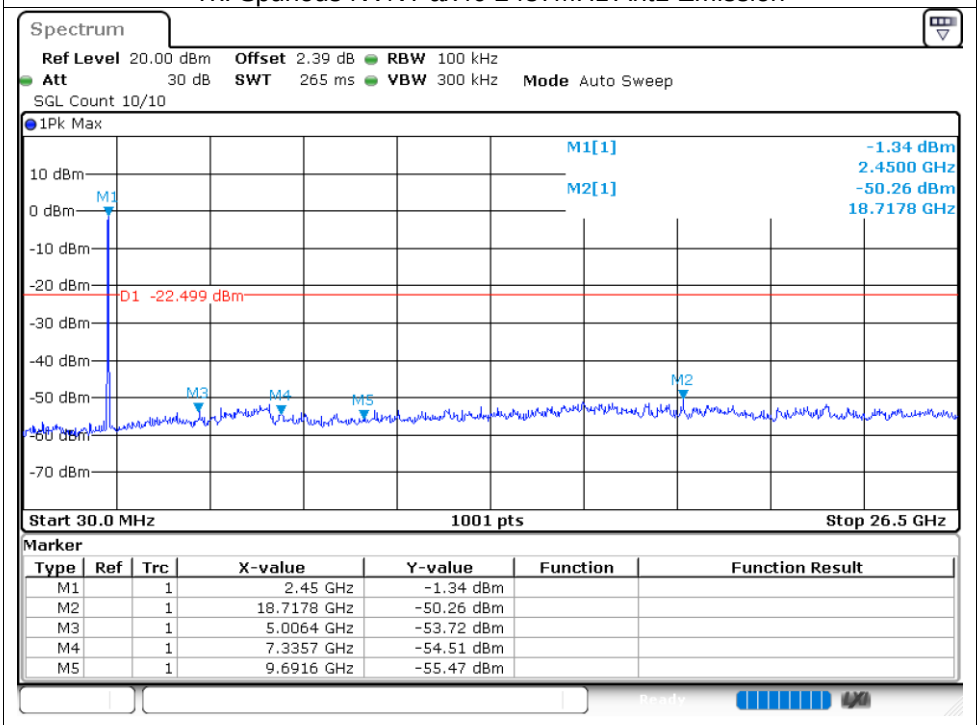
Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.423 GHz	-6.37 dBm		
M2		1	17.7649 GHz	-50.41 dBm		
M3		1	4.9005 GHz	-55.14 dBm		
M4		1	7.071 GHz	-54.58 dBm		
M5		1	9.6651 GHz	-54.53 dBm		

Tx. Spurious NVNT ax40 2437MHz Ant1 Ref



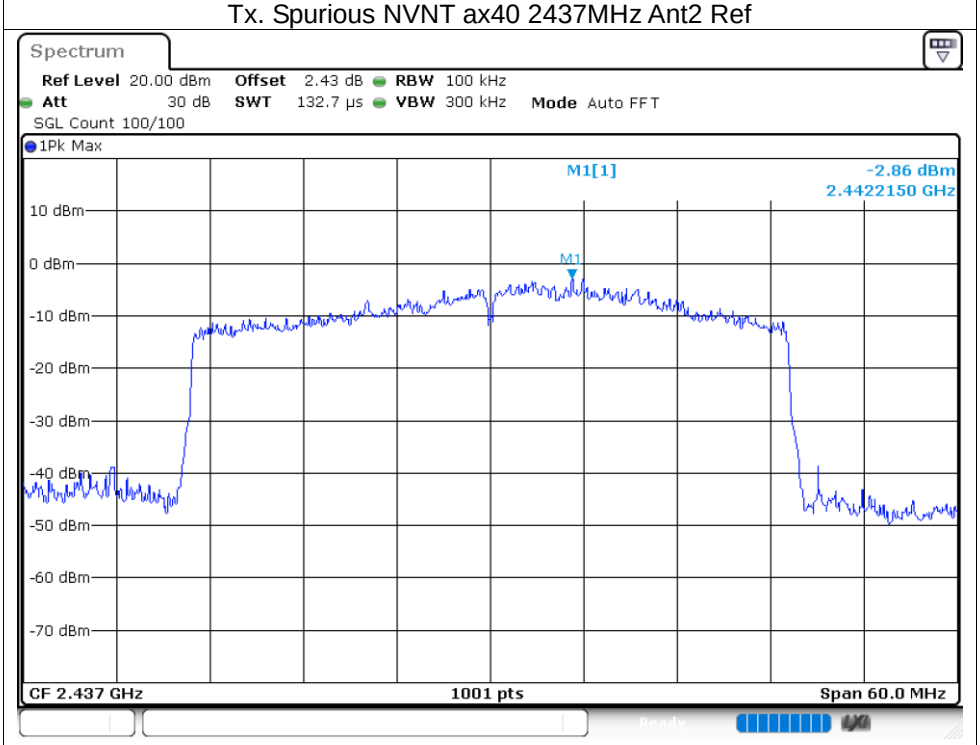
Tx. Spurious NVNT ax40 2437MHz Ant1 Emission



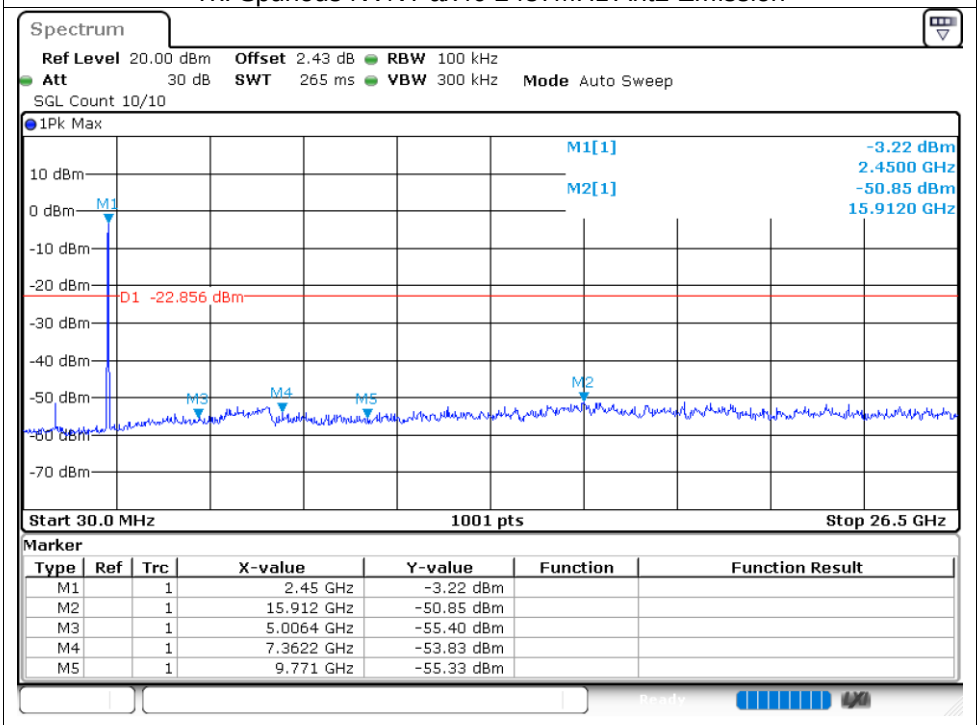
Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.45 GHz	-1.34 dBm		
M2		1	18.7178 GHz	-50.26 dBm		
M3		1	5.0064 GHz	-53.72 dBm		
M4		1	7.3357 GHz	-54.51 dBm		
M5		1	9.6916 GHz	-55.47 dBm		

Tx. Spurious NVNT ax40 2437MHz Ant2 Ref



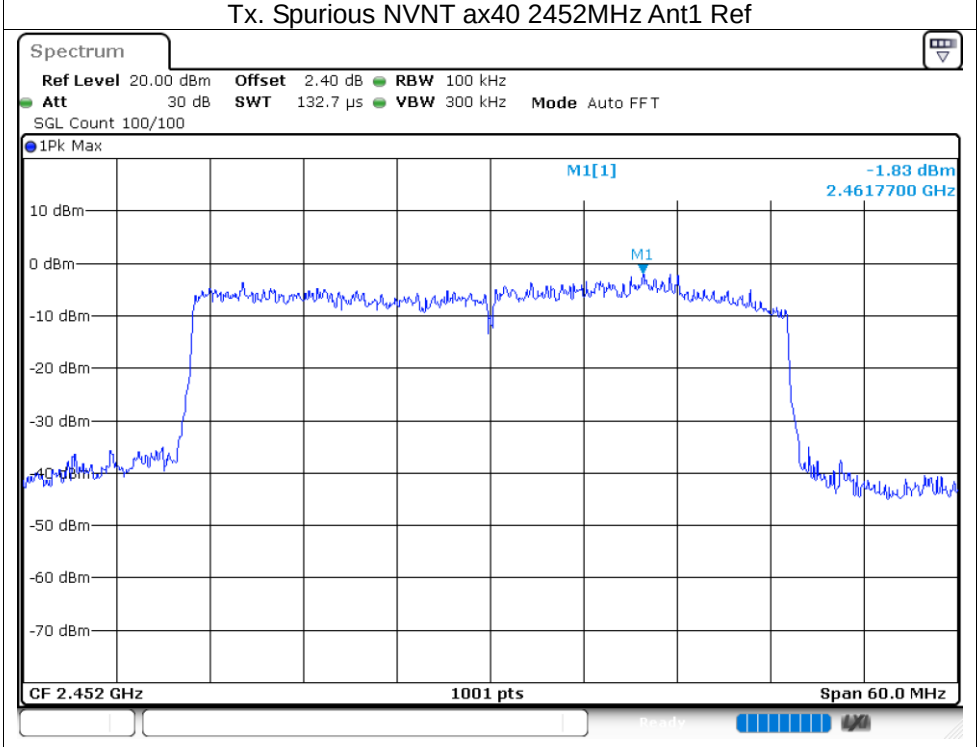
Tx. Spurious NVNT ax40 2437MHz Ant2 Emission



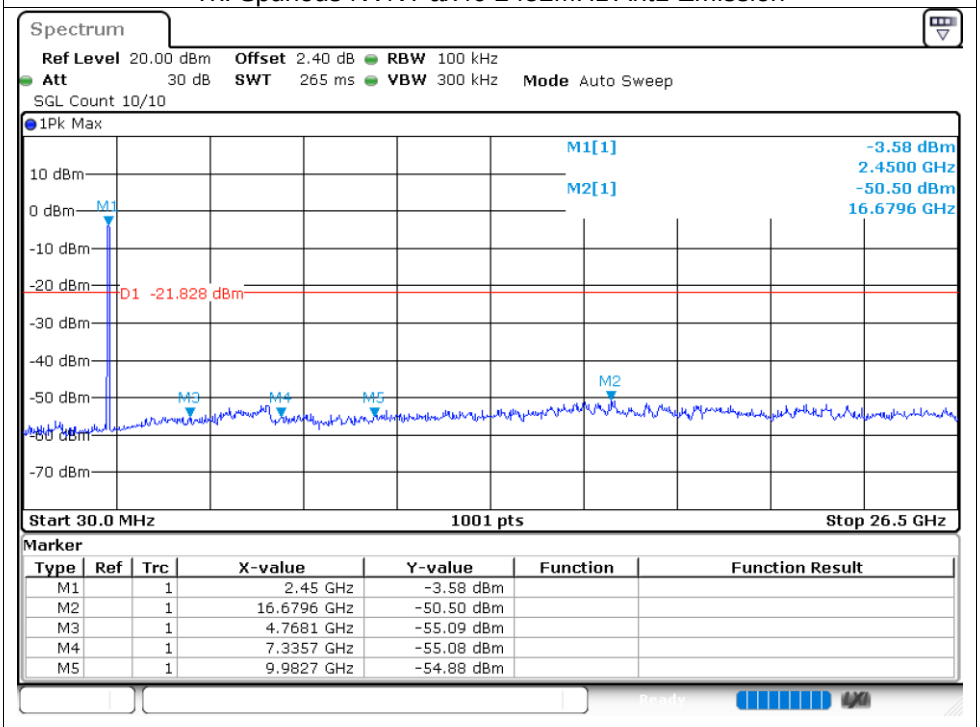
Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.45 GHz	-3.22 dBm		
M2		1	15.912 GHz	-50.85 dBm		
M3		1	5.0064 GHz	-55.40 dBm		
M4		1	7.3622 GHz	-53.83 dBm		
M5		1	9.771 GHz	-55.33 dBm		

Tx. Spurious NVNT ax40 2452MHz Ant1 Ref



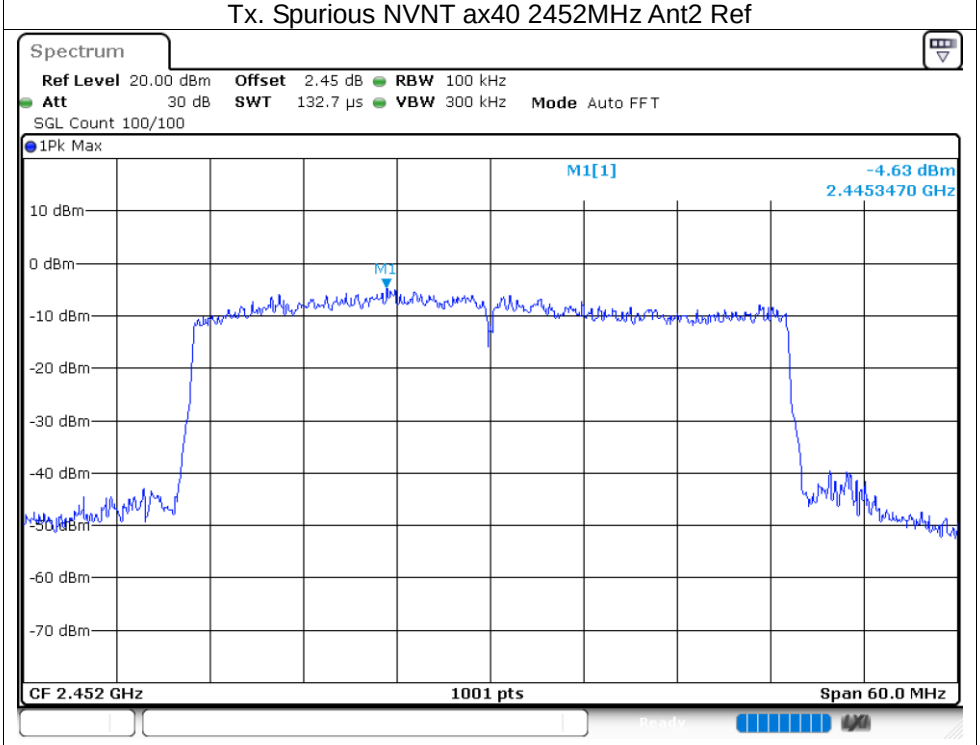
Tx. Spurious NVNT ax40 2452MHz Ant1 Emission



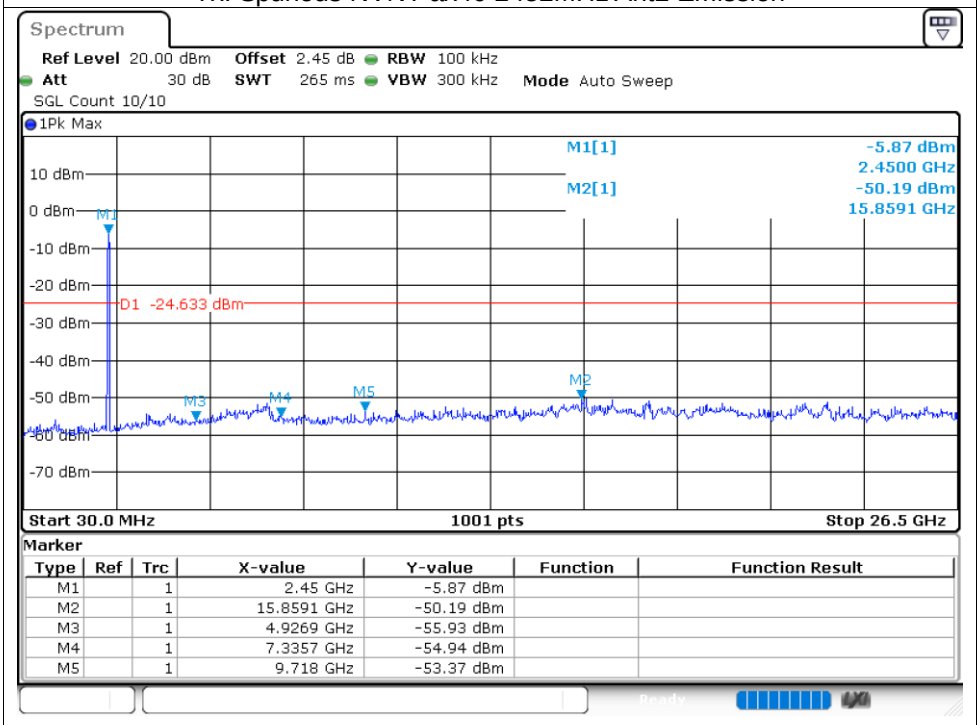
Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.45 GHz	-3.58 dBm		
M2		1	16.6796 GHz	-50.50 dBm		
M3		1	4.7681 GHz	-55.09 dBm		
M4		1	7.3357 GHz	-55.08 dBm		
M5		1	9.9827 GHz	-54.88 dBm		

Tx. Spurious NVNT ax40 2452MHz Ant2 Ref



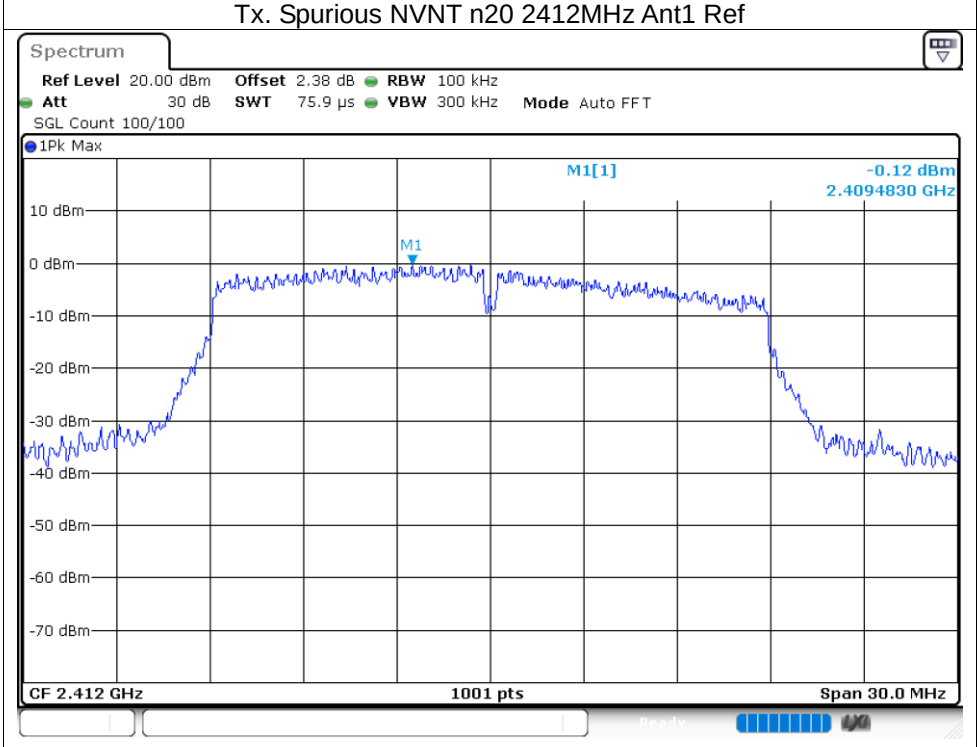
Tx. Spurious NVNT ax40 2452MHz Ant2 Emission



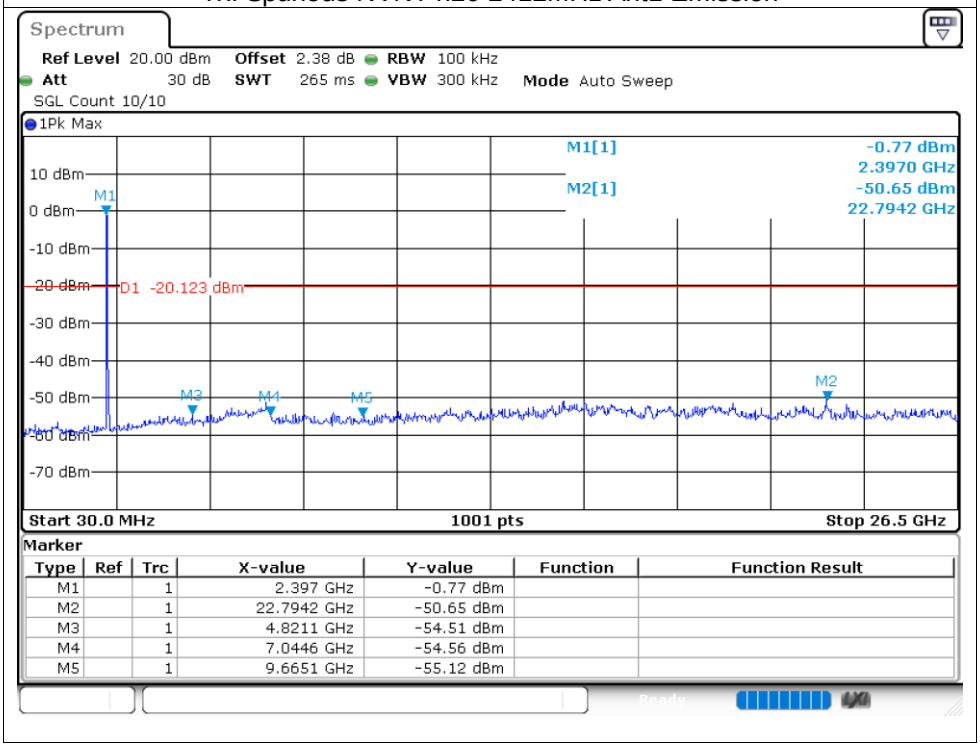
Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.45 GHz	-5.87 dBm		
M2		1	15.8591 GHz	-50.19 dBm		
M3		1	4.9269 GHz	-55.93 dBm		
M4		1	7.3357 GHz	-54.94 dBm		
M5		1	9.718 GHz	-53.37 dBm		

Tx. Spurious NVNT n20 2412MHz Ant1 Ref



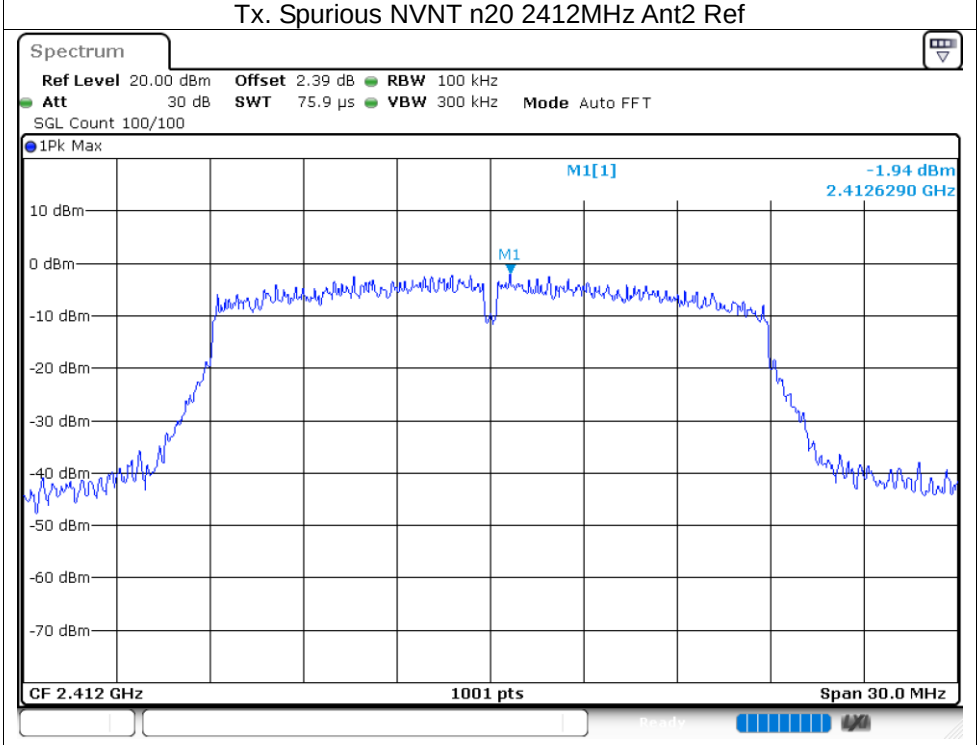
Tx. Spurious NVNT n20 2412MHz Ant1 Emission



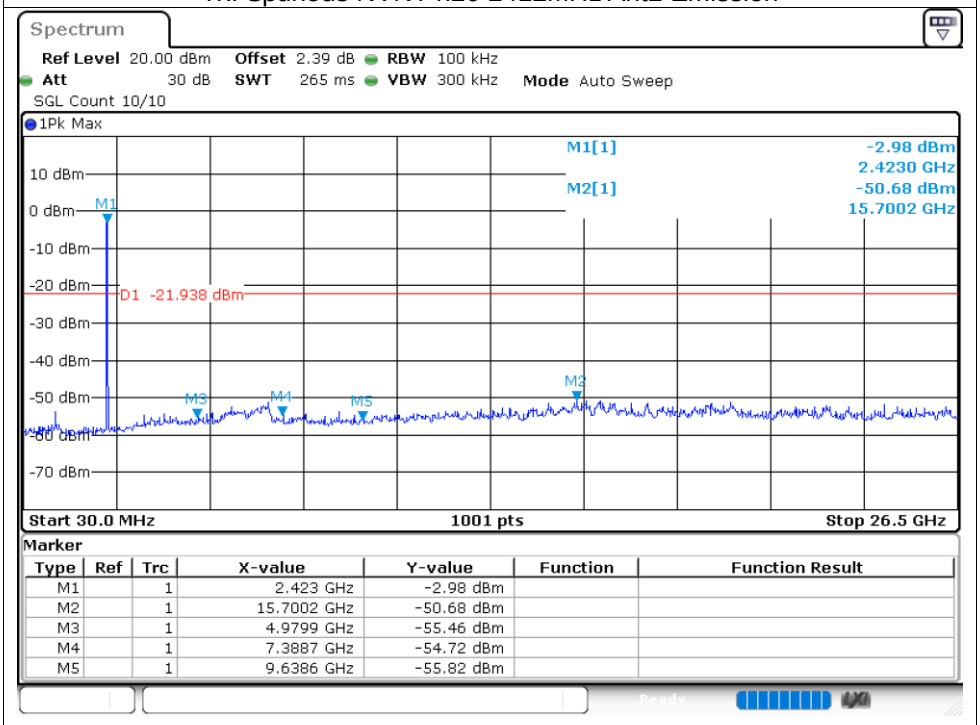
Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.397 GHz	-0.77 dBm		
M2		1	22.7942 GHz	-50.65 dBm		
M3		1	4.8211 GHz	-54.51 dBm		
M4		1	7.0446 GHz	-54.56 dBm		
M5		1	9.6651 GHz	-55.12 dBm		

Tx. Spurious NVNT n20 2412MHz Ant2 Ref



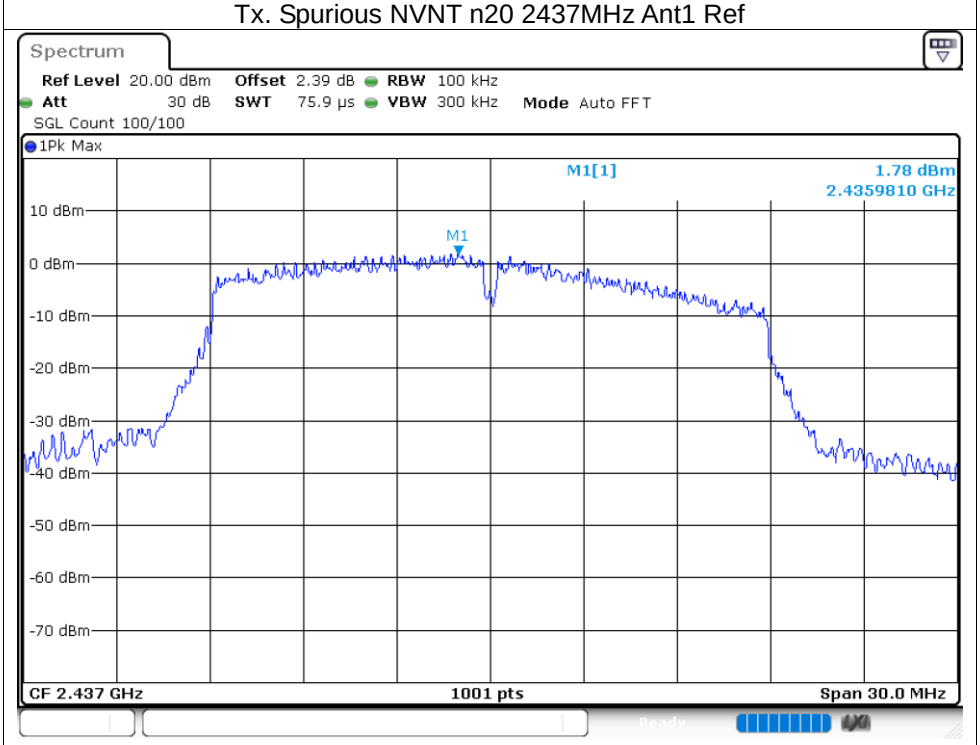
Tx. Spurious NVNT n20 2412MHz Ant2 Emission



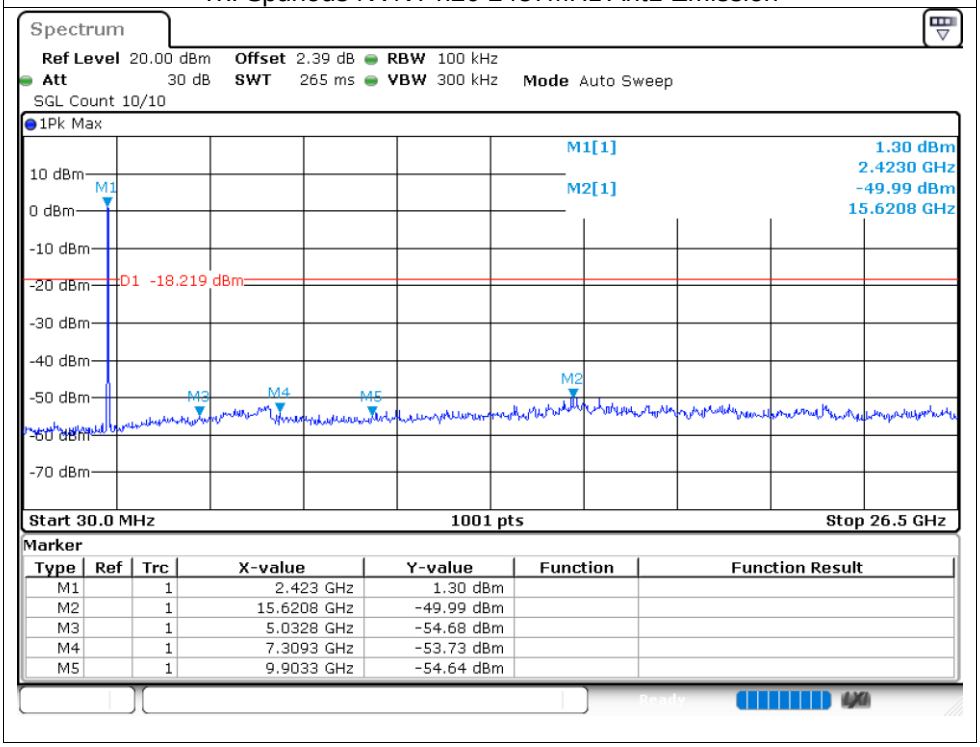
Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.423 GHz	-2.98 dBm		
M2		1	15.7002 GHz	-50.68 dBm		
M3		1	4.9799 GHz	-55.46 dBm		
M4		1	7.3887 GHz	-54.72 dBm		
M5		1	9.6386 GHz	-55.82 dBm		

Tx. Spurious NVNT n20 2437MHz Ant1 Ref



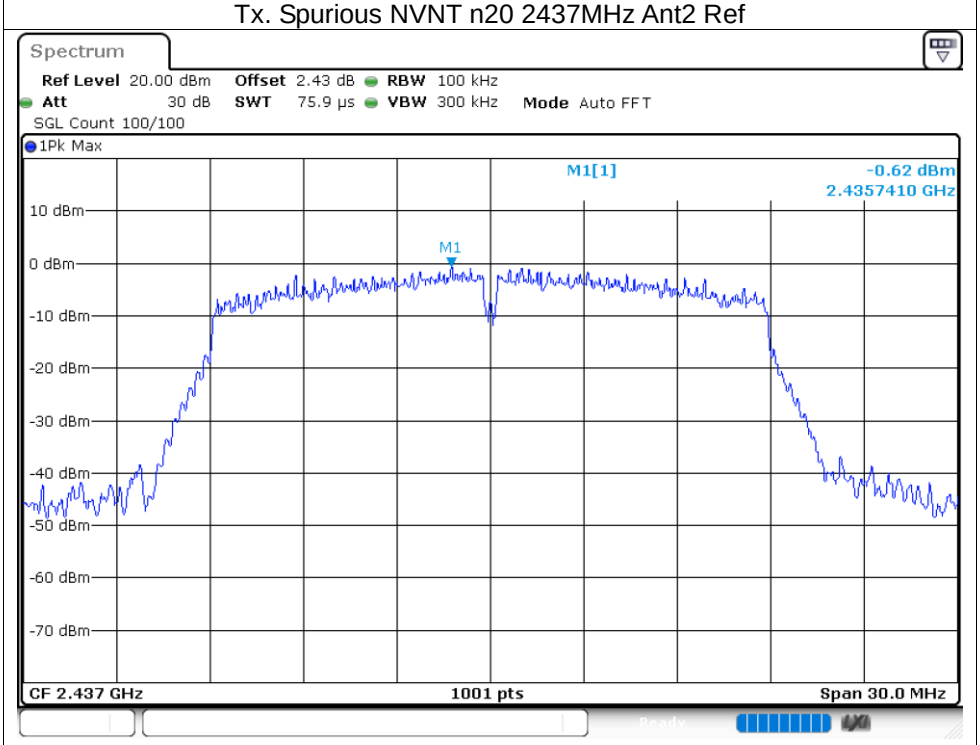
Tx. Spurious NVNT n20 2437MHz Ant1 Emission



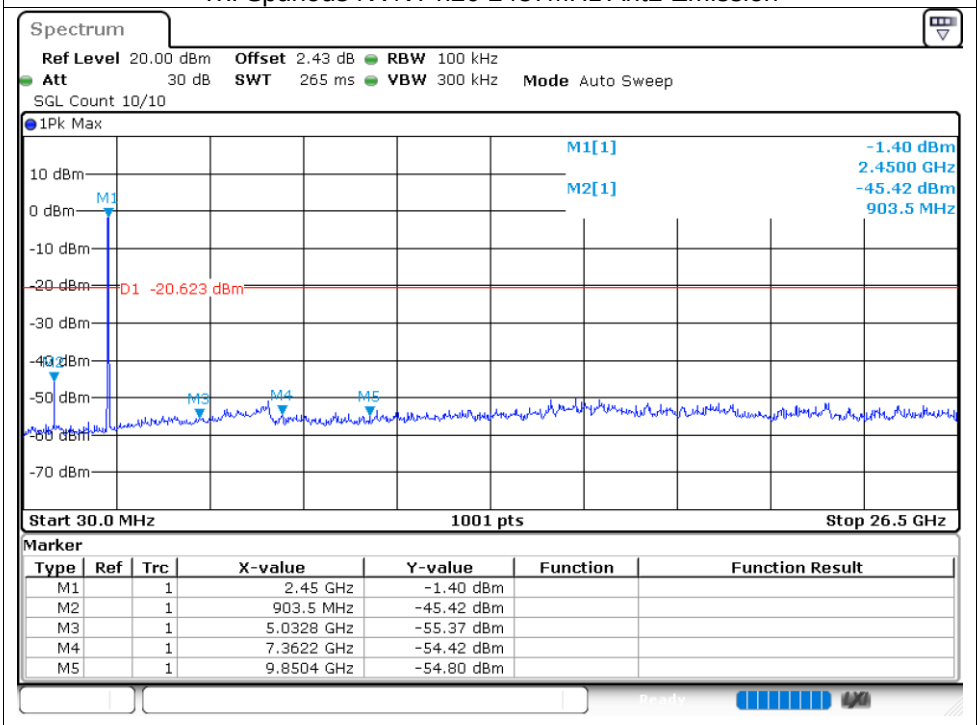
Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.423 GHz	1.30 dBm		
M2		1	15.6208 GHz	-49.99 dBm		
M3		1	5.0328 GHz	-54.68 dBm		
M4		1	7.3093 GHz	-53.73 dBm		
M5		1	9.9033 GHz	-54.64 dBm		

Tx. Spurious NVNT n20 2437MHz Ant2 Ref



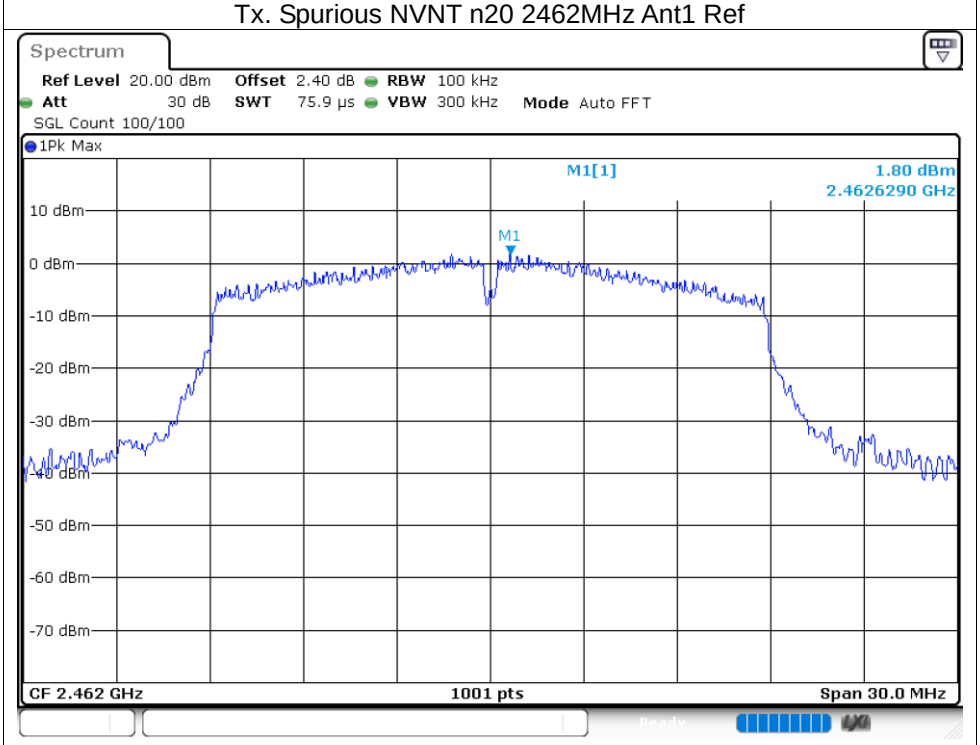
Tx. Spurious NVNT n20 2437MHz Ant2 Emission



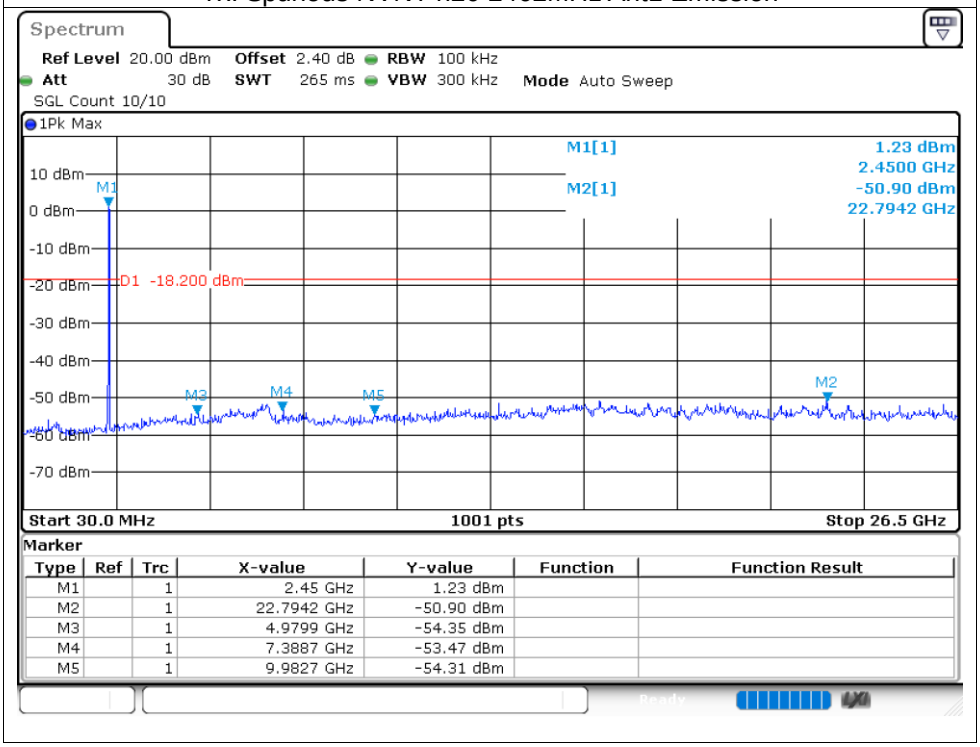
Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.45 GHz	-1.40 dBm		
M2		1	903.5 MHz	-45.42 dBm		
M3		1	5.0328 GHz	-55.37 dBm		
M4		1	7.3622 GHz	-54.42 dBm		
M5		1	9.8504 GHz	-54.80 dBm		

Tx. Spurious NVNT n20 2462MHz Ant1 Ref



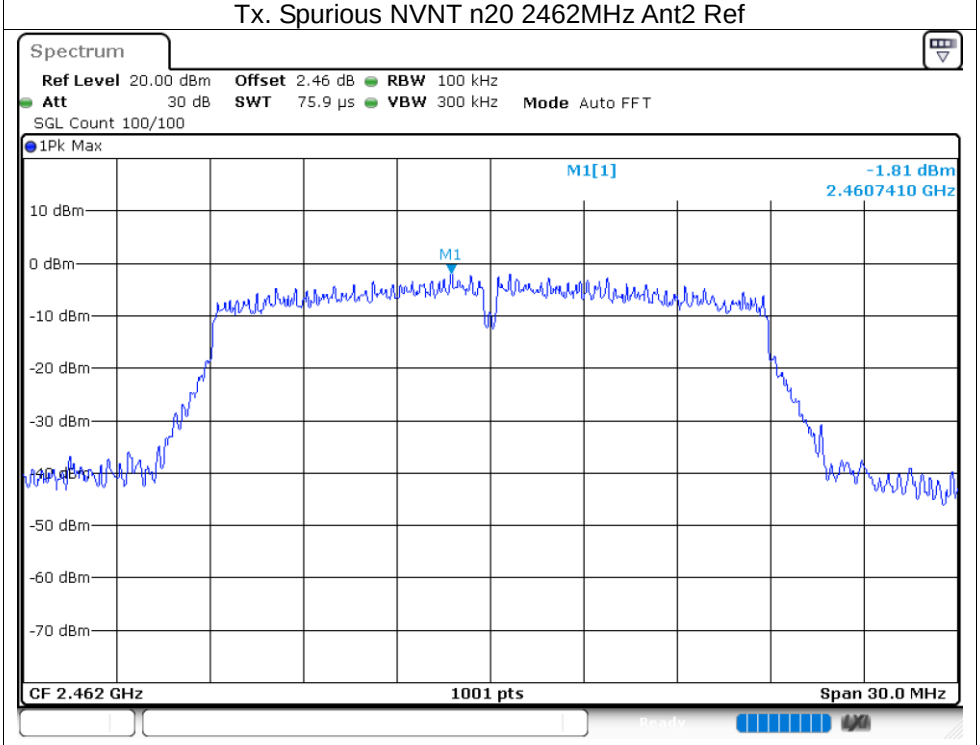
Tx. Spurious NVNT n20 2462MHz Ant1 Emission



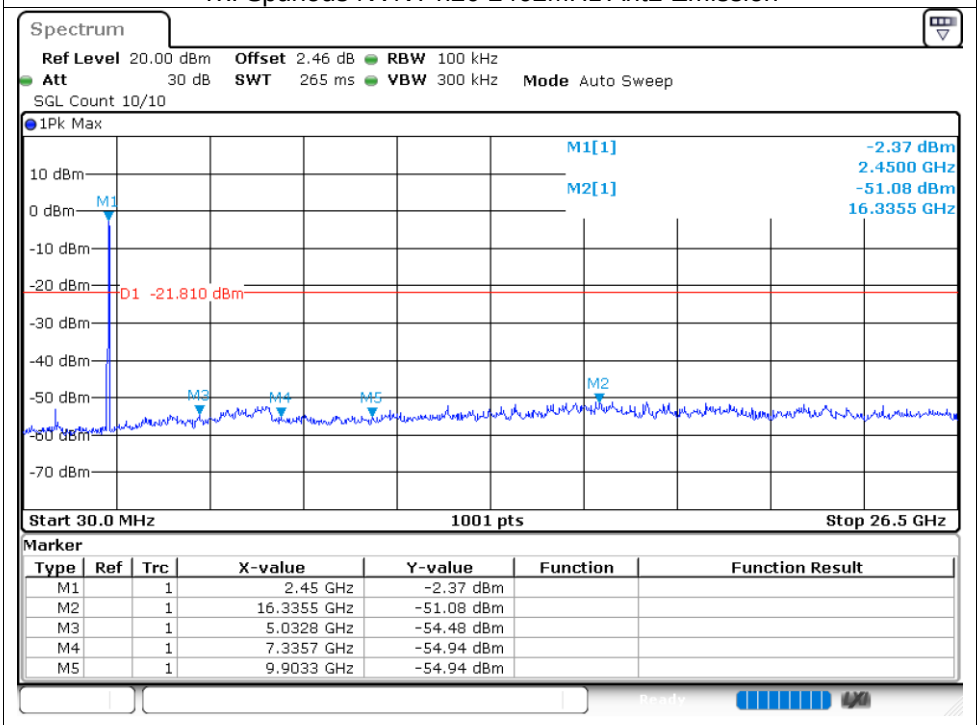
Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.45 GHz	1.23 dBm		
M2		1	22.7942 GHz	-50.90 dBm		
M3		1	4.9799 GHz	-54.35 dBm		
M4		1	7.3887 GHz	-53.47 dBm		
M5		1	9.9827 GHz	-54.31 dBm		

Tx. Spurious NVNT n20 2462MHz Ant2 Ref

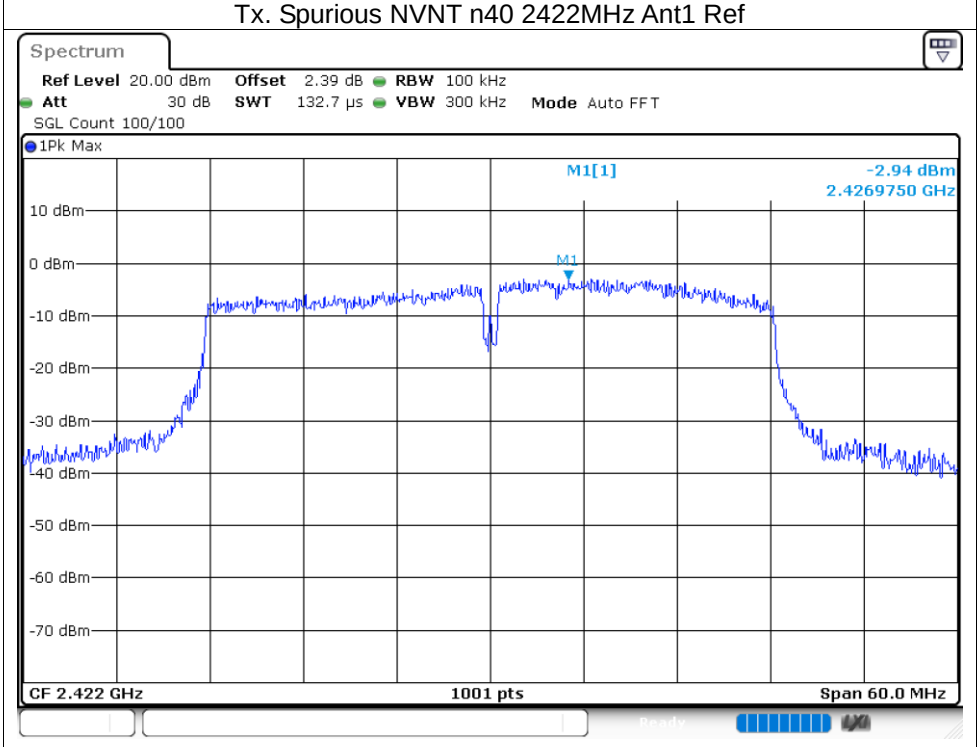


Tx. Spurious NVNT n20 2462MHz Ant2 Emission

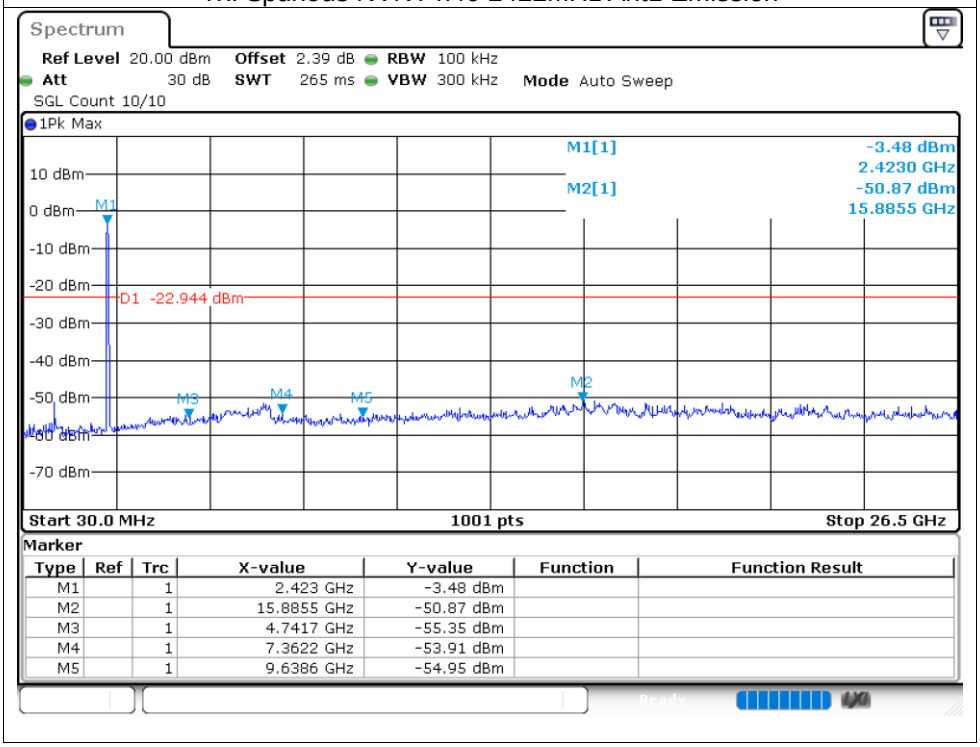


Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.45 GHz	-2.37 dBm		
M2		1	16.3355 GHz	-51.08 dBm		
M3		1	5.0328 GHz	-54.48 dBm		
M4		1	7.3357 GHz	-54.94 dBm		
M5		1	9.9033 GHz	-54.94 dBm		

Tx. Spurious NVNT n40 2422MHz Ant1 Ref



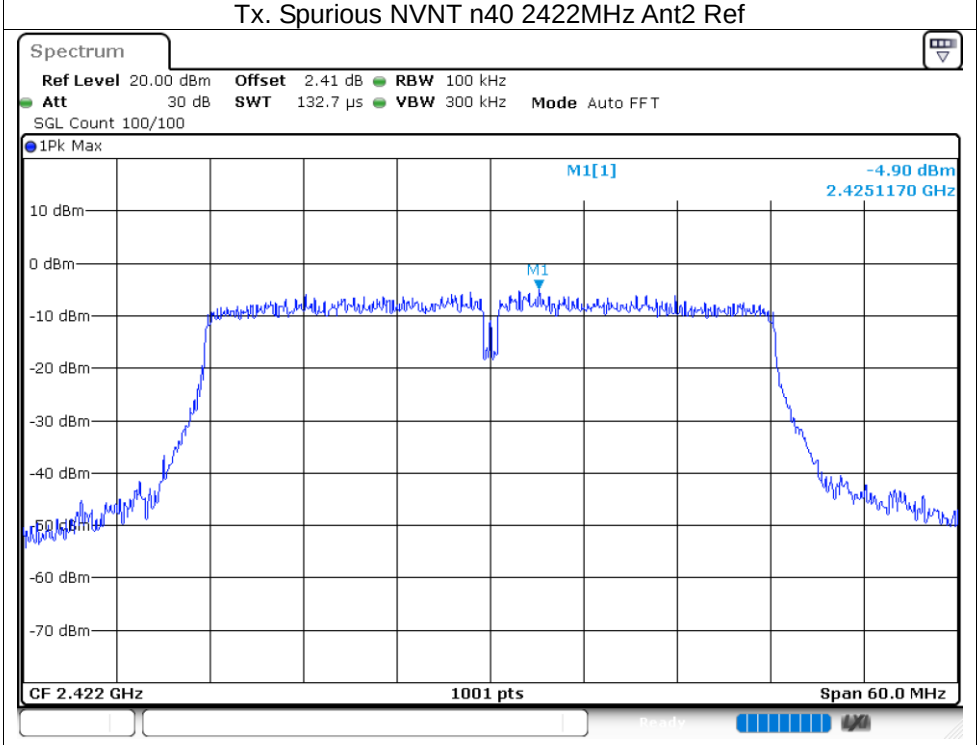
Tx. Spurious NVNT n40 2422MHz Ant1 Emission



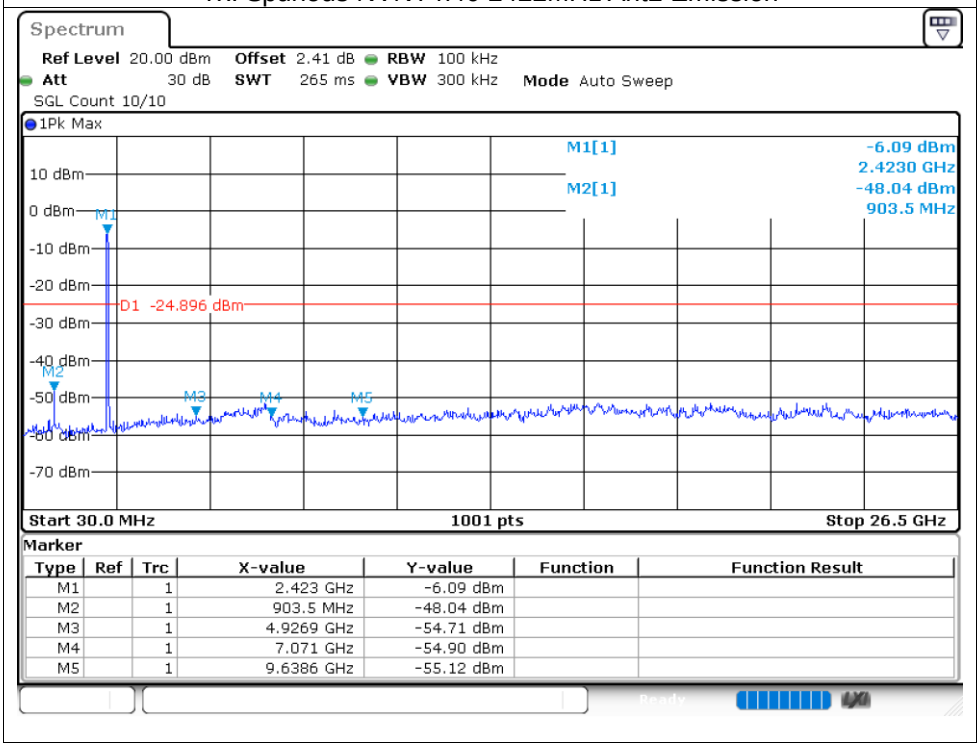
Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.423 GHz	-3.48 dBm		
M2		1	15.8855 GHz	-50.87 dBm		
M3		1	4.7417 GHz	-55.35 dBm		
M4		1	7.3622 GHz	-53.91 dBm		
M5		1	9.6386 GHz	-54.95 dBm		

Tx. Spurious NVNT n40 2422MHz Ant2 Ref



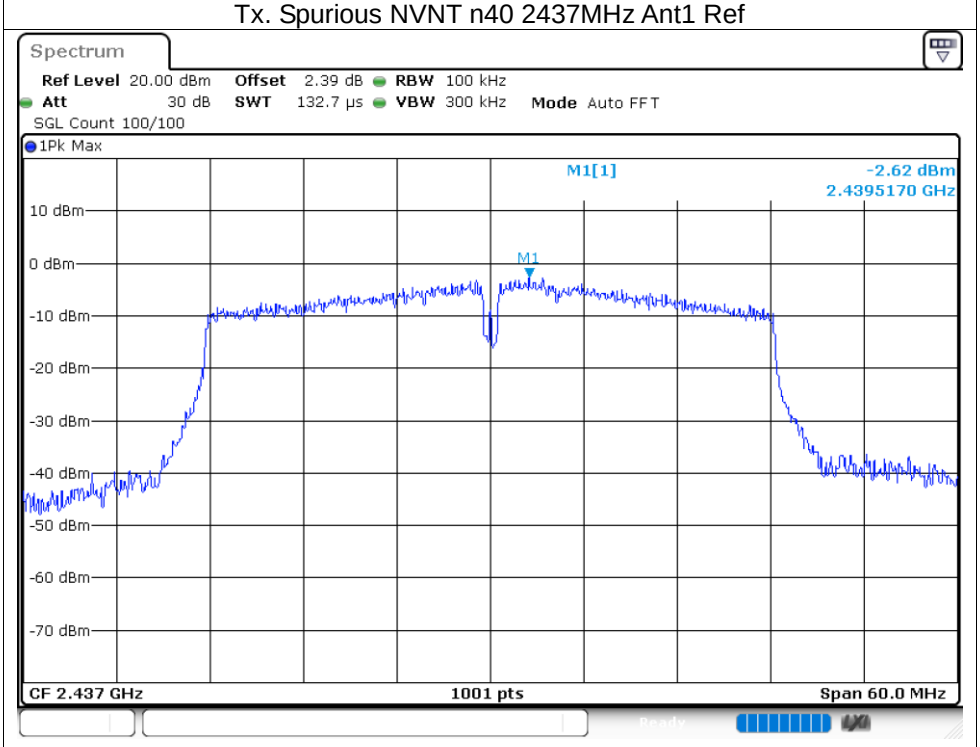
Tx. Spurious NVNT n40 2422MHz Ant2 Emission



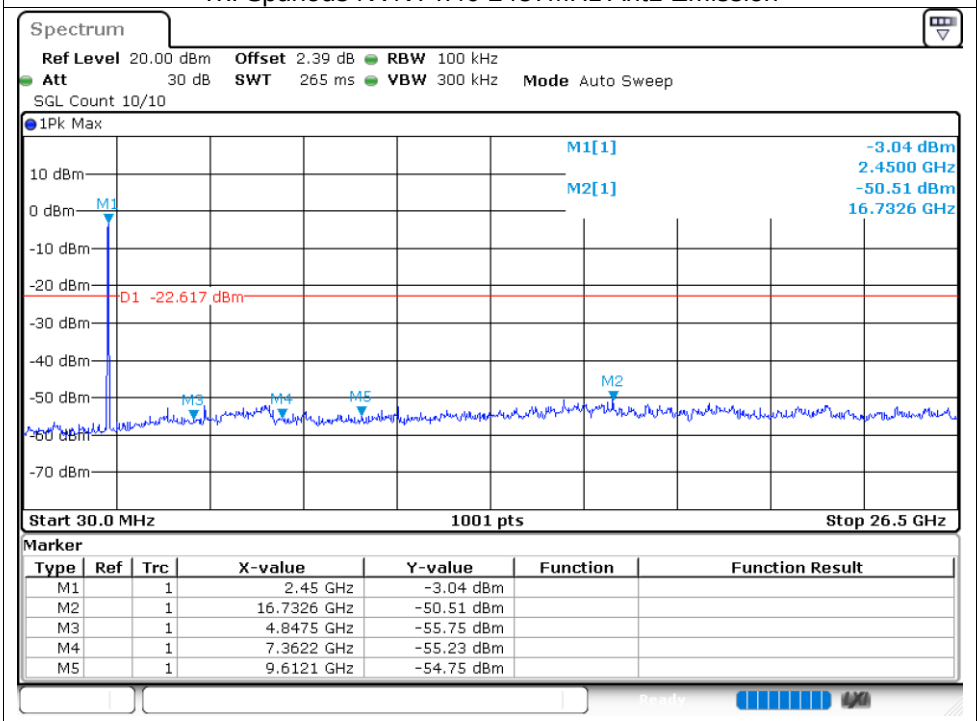
Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.423 GHz	-6.09 dBm		
M2		1	903.5 MHz	-48.04 dBm		
M3		1	4.9269 GHz	-54.71 dBm		
M4		1	7.071 GHz	-54.90 dBm		
M5		1	9.6386 GHz	-55.12 dBm		

Tx. Spurious NVNT n40 2437MHz Ant1 Ref



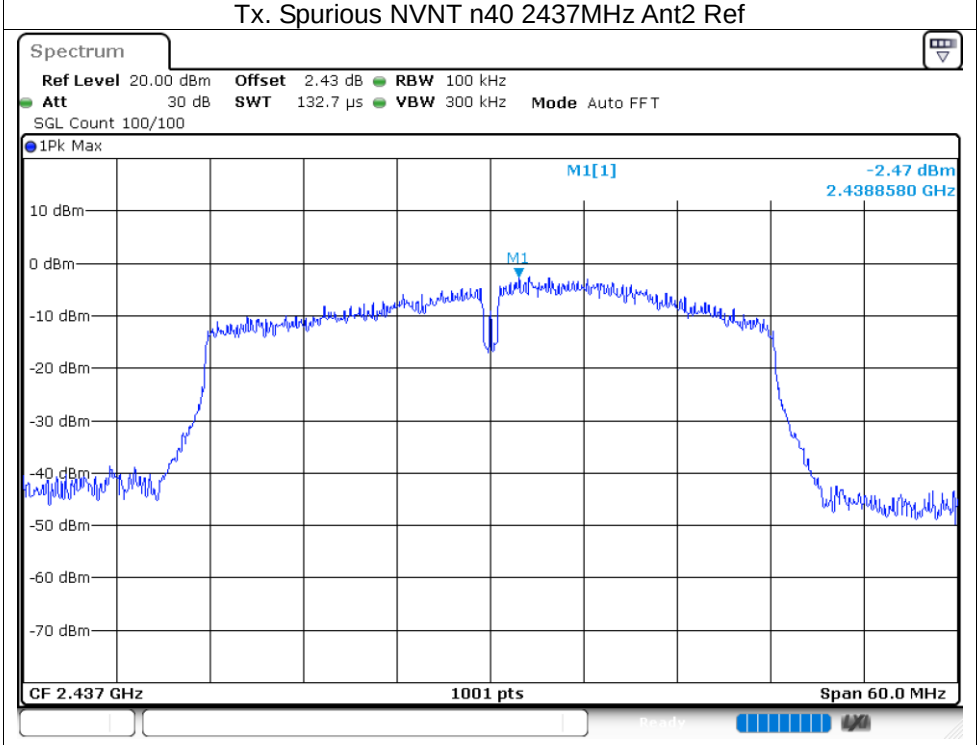
Tx. Spurious NVNT n40 2437MHz Ant1 Emission



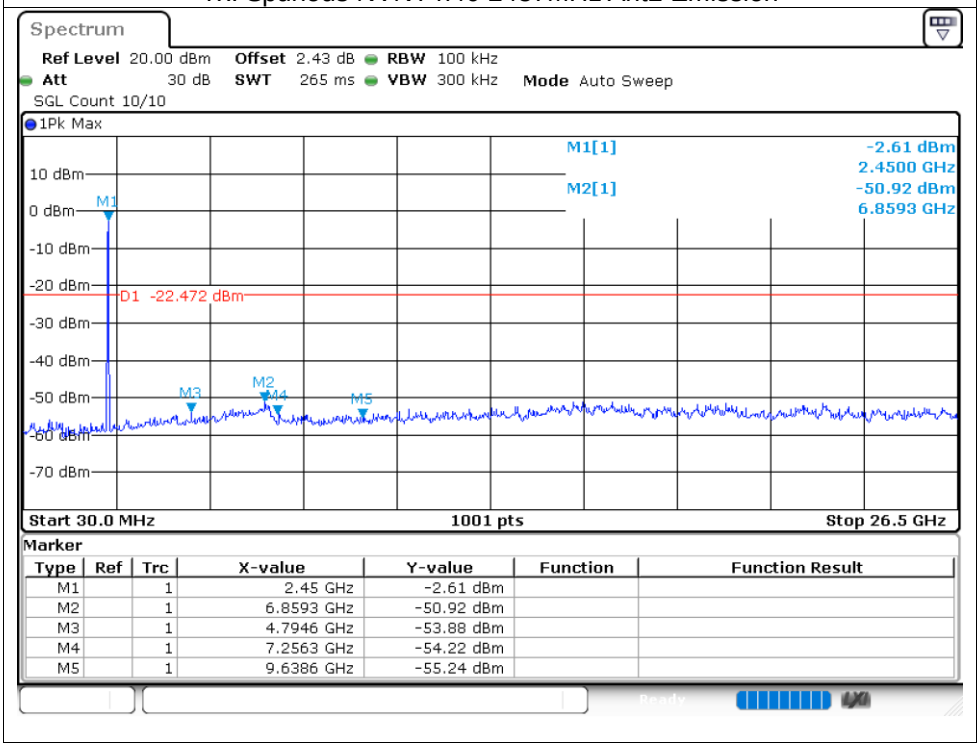
Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.45 GHz	-3.04 dBm		
M2		1	16.7326 GHz	-50.51 dBm		
M3		1	4.8475 GHz	-55.75 dBm		
M4		1	7.3622 GHz	-55.23 dBm		
M5		1	9.6121 GHz	-54.75 dBm		

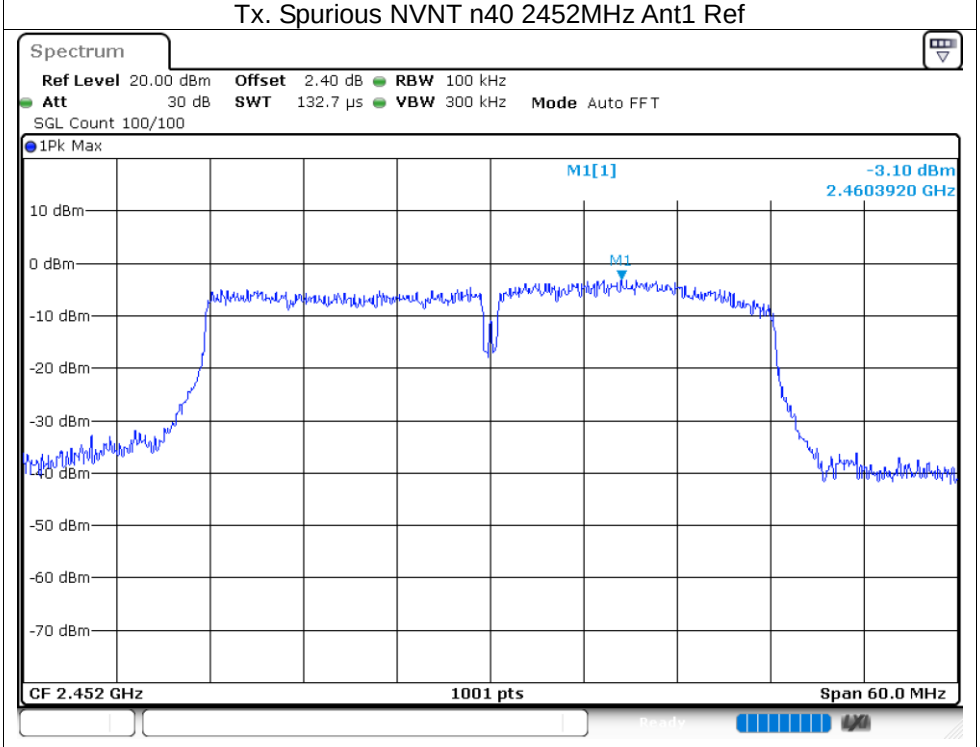
Tx. Spurious NVNT n40 2437MHz Ant2 Ref



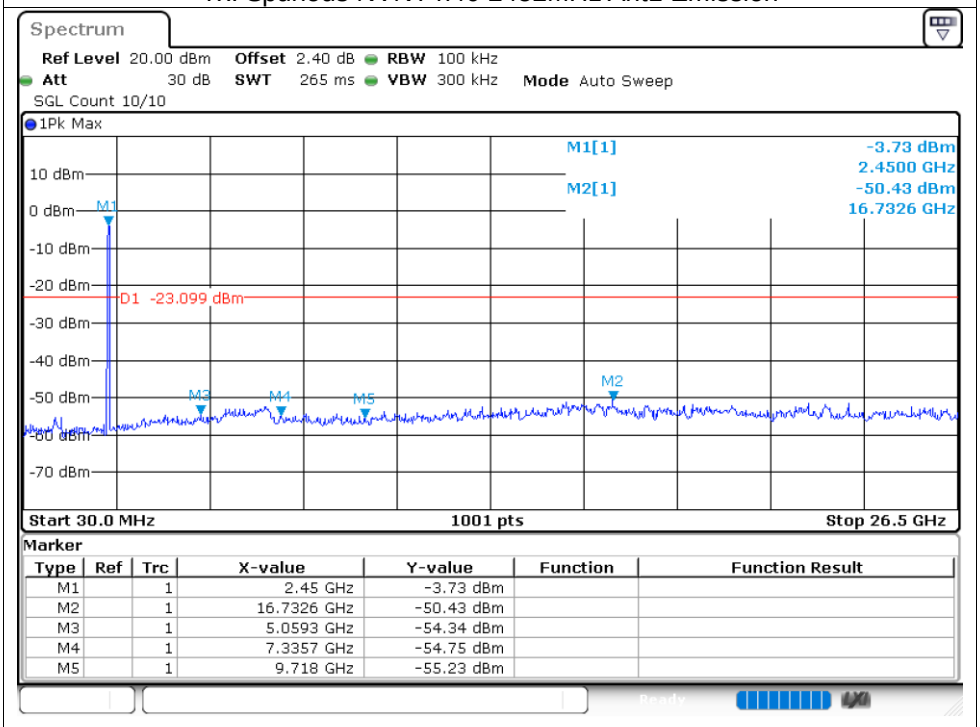
Tx. Spurious NVNT n40 2437MHz Ant2 Emission



Tx. Spurious NVNT n40 2452MHz Ant1 Ref



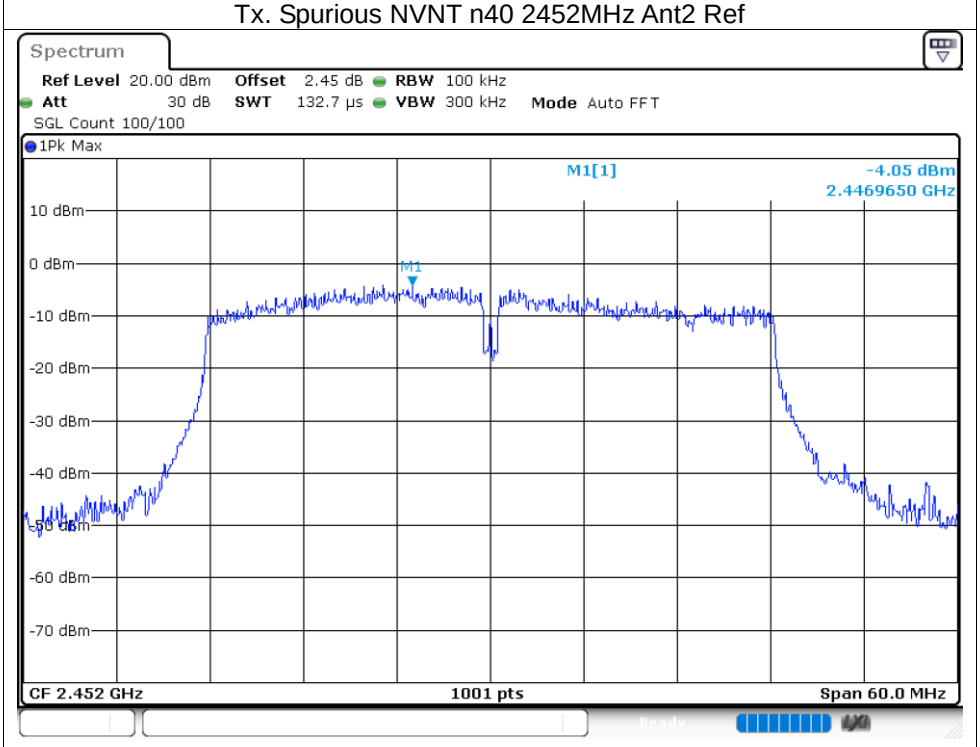
Tx. Spurious NVNT n40 2452MHz Ant1 Emission



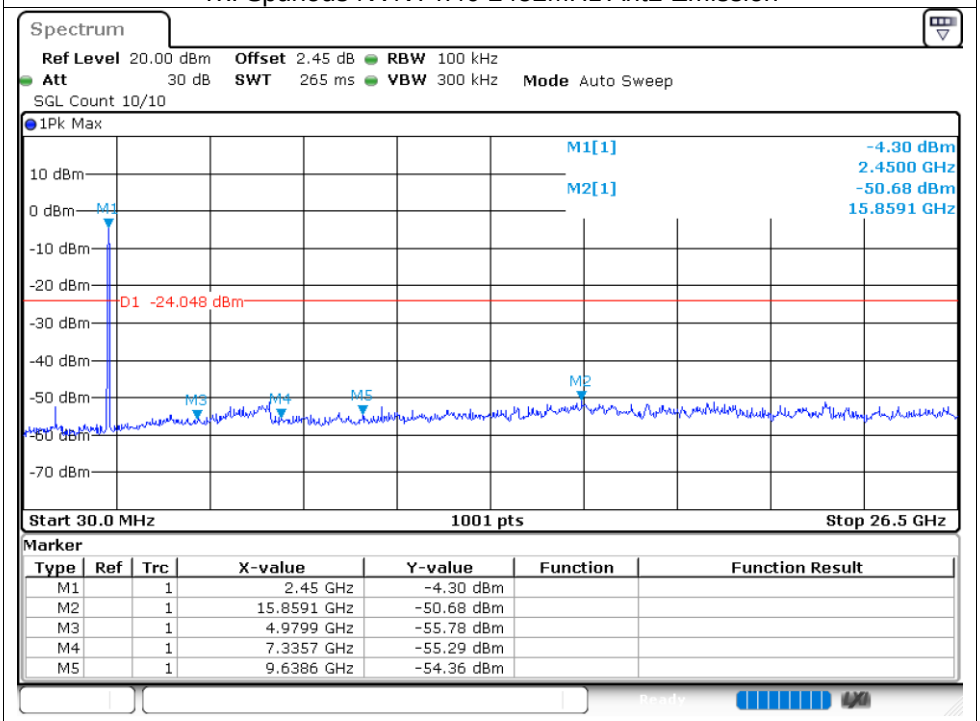
Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.45 GHz	-3.73 dBm		
M2		1	16.7326 GHz	-50.43 dBm		
M3		1	5.0593 GHz	-54.34 dBm		
M4		1	7.3357 GHz	-54.75 dBm		
M5		1	9.718 GHz	-55.23 dBm		

Tx. Spurious NVNT n40 2452MHz Ant2 Ref



Tx. Spurious NVNT n40 2452MHz Ant2 Emission



END OF REPORT