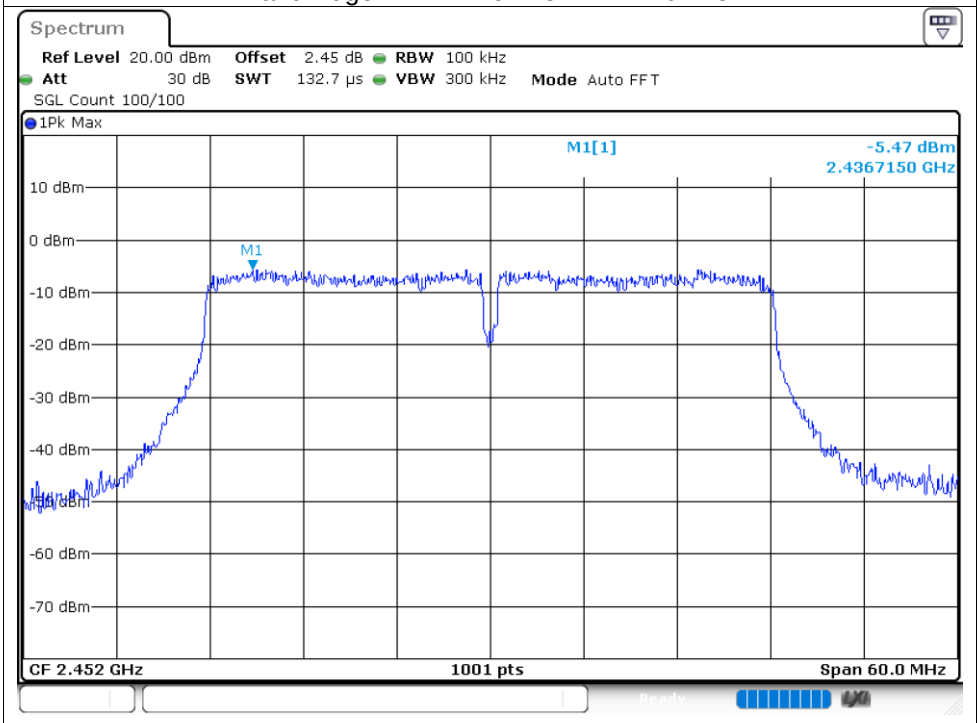
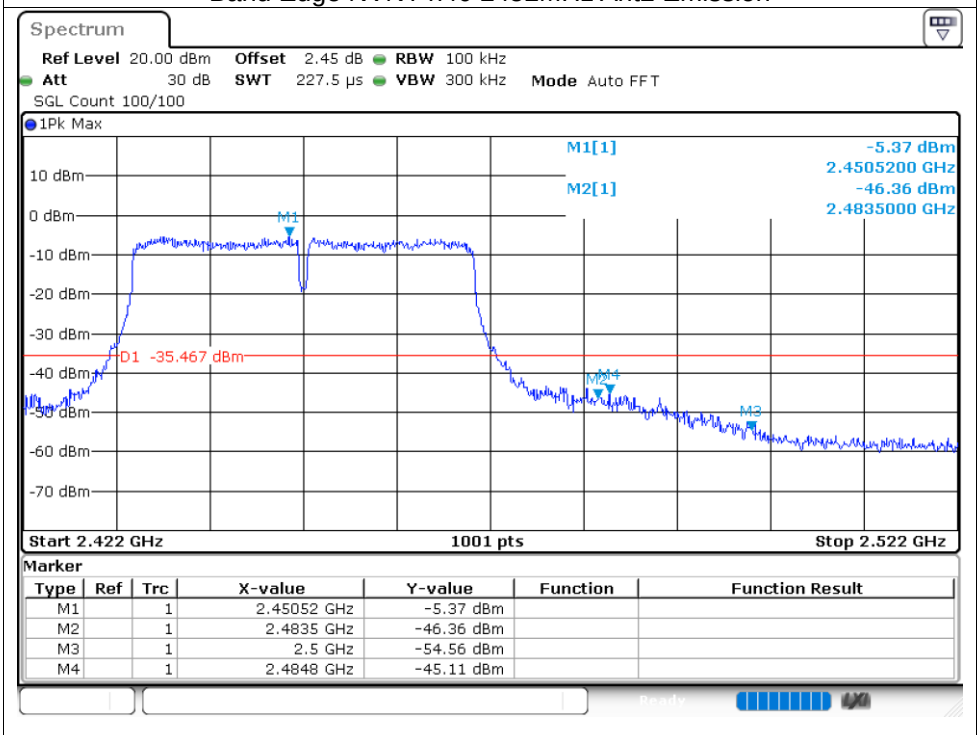
Band Edge NVNT n40 2452MHz Ant2 Ref



Band Edge NVNT n40 2452MHz Ant2 Emission

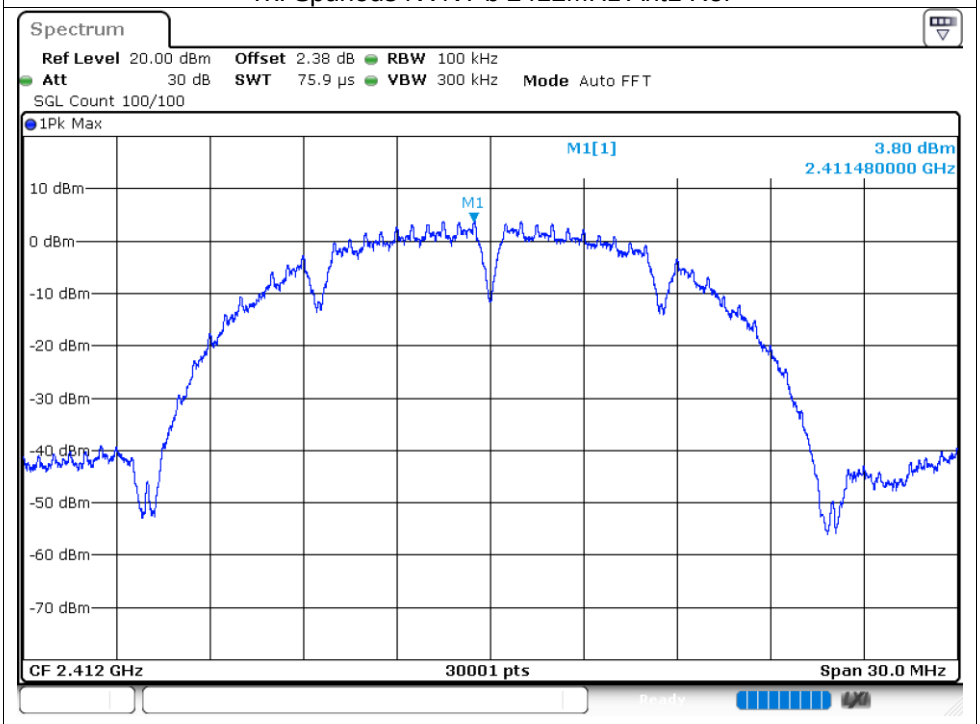


8.7 CONDUCTED RF SPURIOUS EMISSION

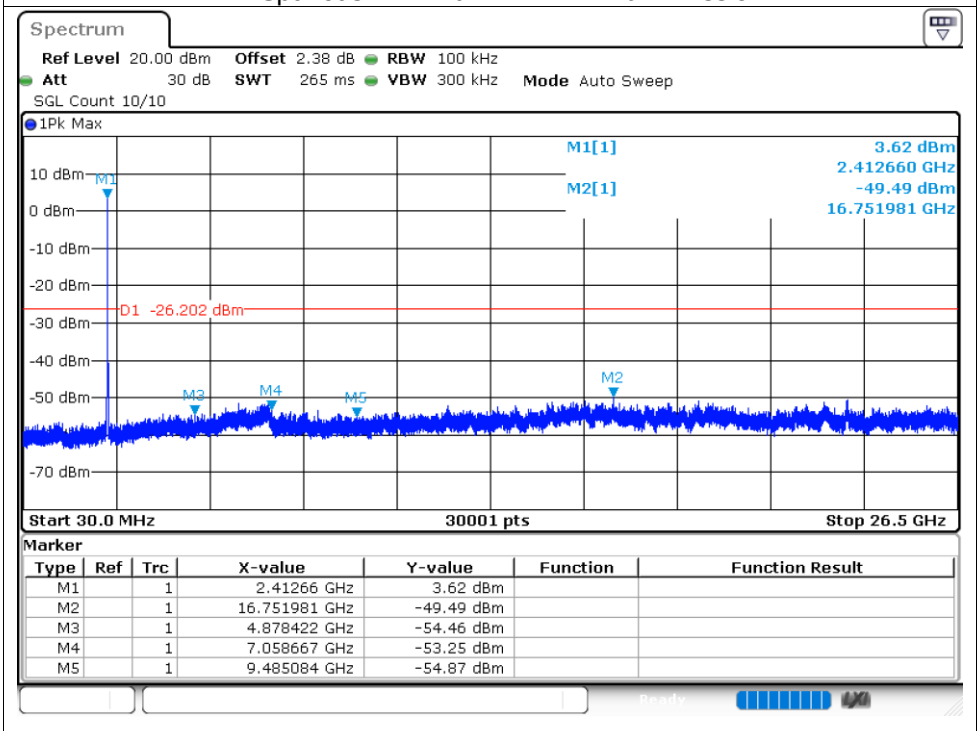
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	b	2412	Ant1	-53.29	-30	Pass
NVNT	b	2437	Ant1	-54.8	-30	Pass
NVNT	b	2462	Ant1	-54.11	-30	Pass
NVNT	b	2412	Ant2	-54.66	-30	Pass
NVNT	b	2437	Ant2	-54.41	-30	Pass
NVNT	b	2462	Ant2	-54.09	-30	Pass
NVNT	g	2412	Ant1	-49.79	-30	Pass
NVNT	g	2437	Ant1	-49.76	-30	Pass
NVNT	g	2462	Ant1	-50.27	-30	Pass
NVNT	g	2412	Ant2	-50.01	-30	Pass
NVNT	g	2437	Ant2	-49.64	-30	Pass
NVNT	g	2462	Ant2	-49.64	-30	Pass
NVNT	n20	2412	Ant1	-49.03	-30	Pass
NVNT	n20	2437	Ant1	-48.15	-30	Pass
NVNT	n20	2462	Ant1	-48.54	-30	Pass
NVNT	n20	2412	Ant2	-47.37	-30	Pass
NVNT	n20	2437	Ant2	-48.59	-30	Pass
NVNT	n20	2462	Ant2	-49.28	-30	Pass
NVNT	n40	2422	Ant1	-45.63	-30	Pass
NVNT	n40	2437	Ant1	-45.66	-30	Pass
NVNT	n40	2452	Ant1	-45.78	-30	Pass
NVNT	n40	2422	Ant2	-43.87	-30	Pass
NVNT	n40	2437	Ant2	-44.27	-30	Pass
NVNT	n40	2452	Ant2	-44.56	-30	Pass

Test Graphs

Tx. Spurious NVNT b 2412MHz Ant1 Ref



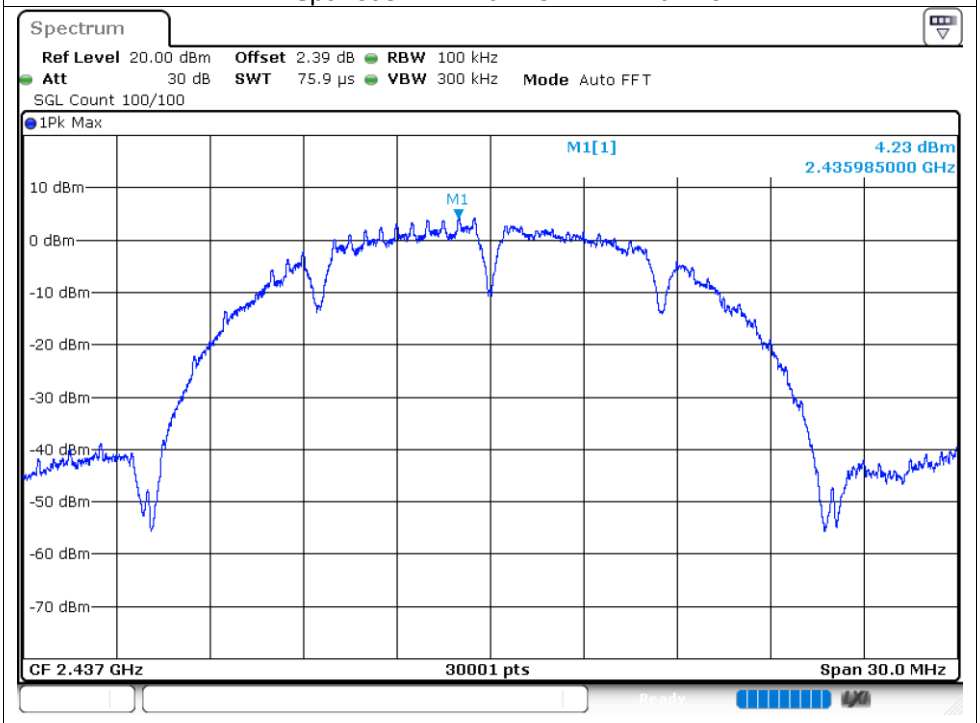
Tx. Spurious NVNT b 2412MHz Ant1 Emission



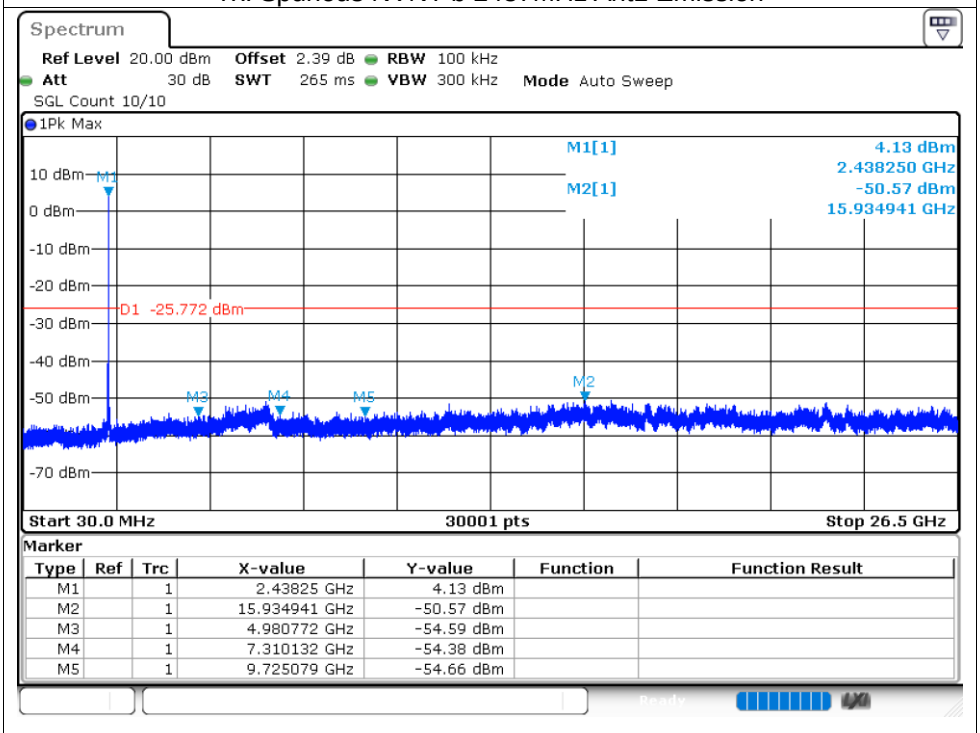
Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.41266 GHz	3.62 dBm		
M2		1	16.751981 GHz	-49.49 dBm		
M3		1	4.878422 GHz	-54.46 dBm		
M4		1	7.058667 GHz	-53.25 dBm		
M5		1	9.485084 GHz	-54.87 dBm		

Tx. Spurious NVNT b 2437MHz Ant1 Ref



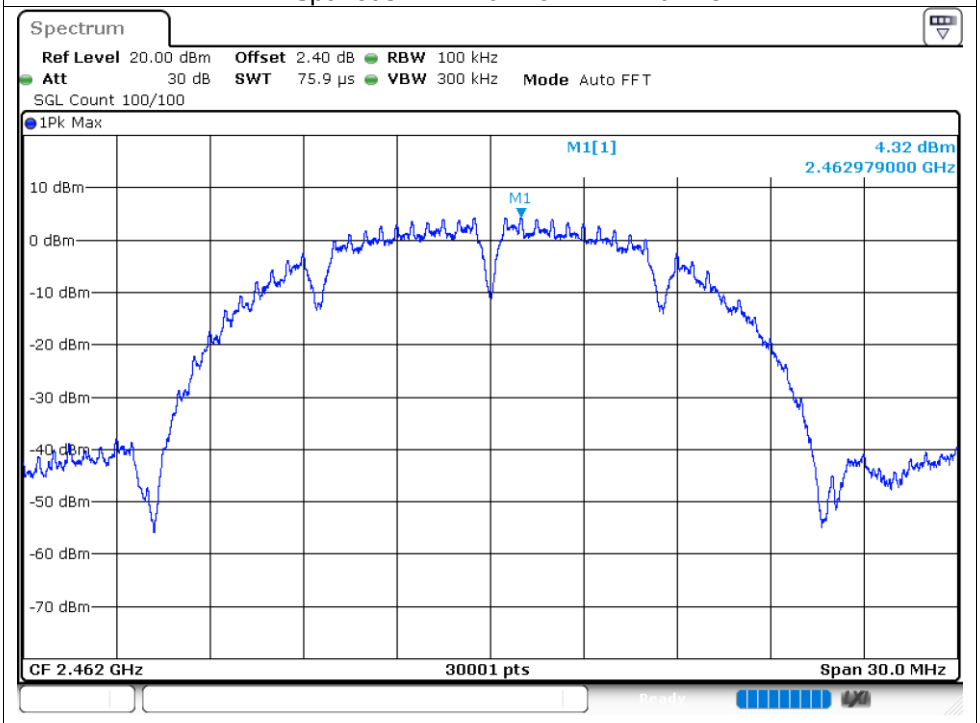
Tx. Spurious NVNT b 2437MHz Ant1 Emission



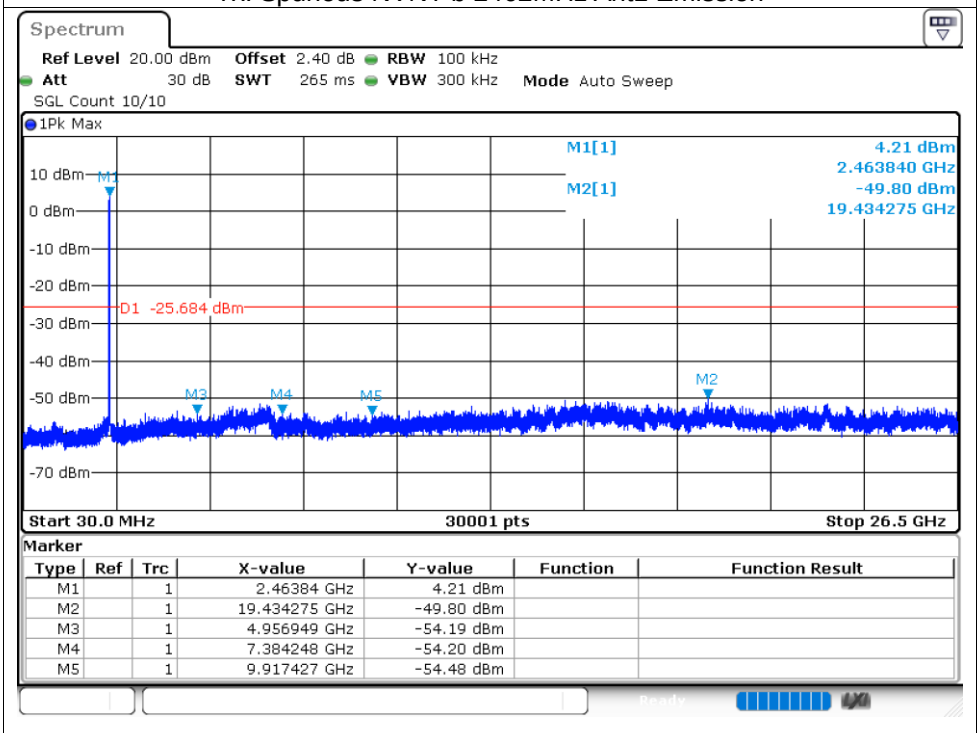
Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.43825 GHz	4.13 dBm		
M2		1	15.934941 GHz	-50.57 dBm		
M3		1	4.980772 GHz	-54.59 dBm		
M4		1	7.310132 GHz	-54.38 dBm		
M5		1	9.725079 GHz	-54.66 dBm		

Tx. Spurious NVNT b 2462MHz Ant1 Ref



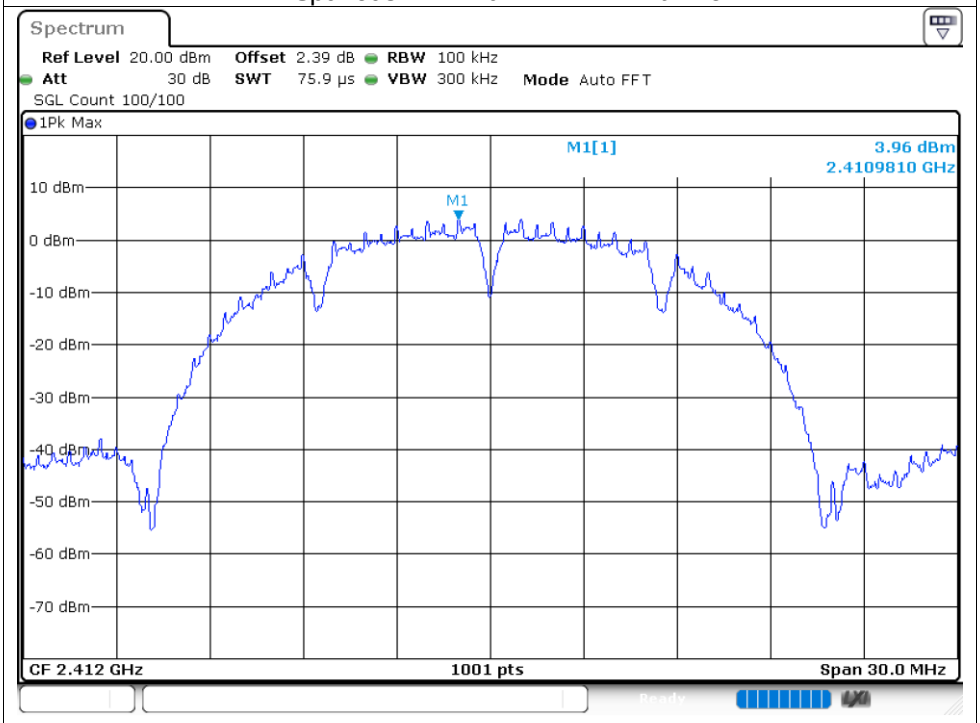
Tx. Spurious NVNT b 2462MHz Ant1 Emission



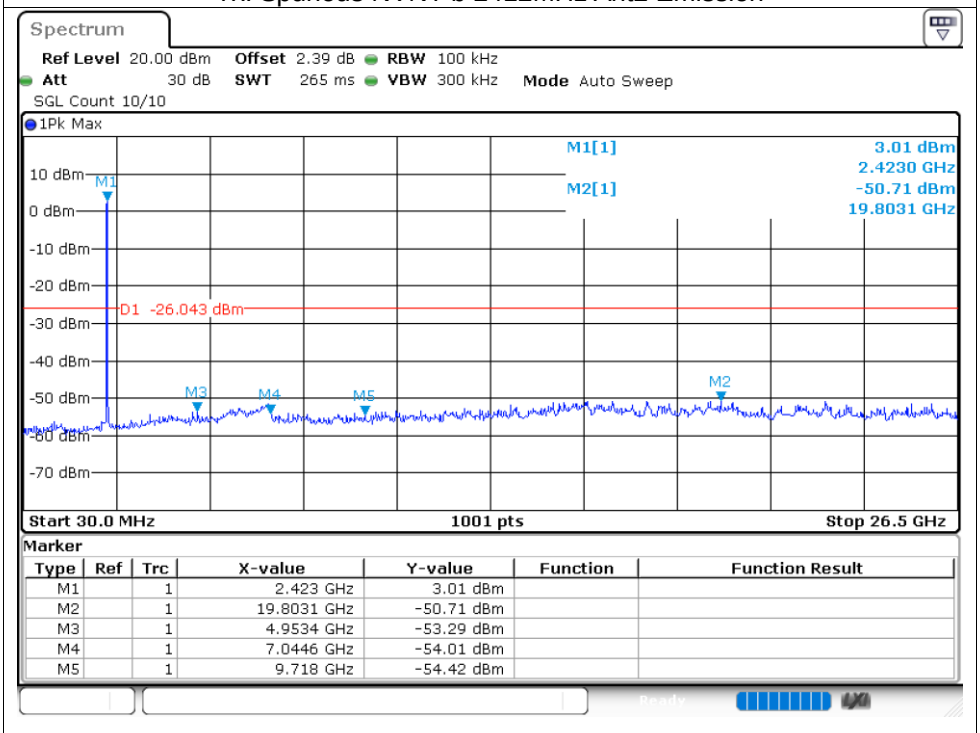
Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.46384 GHz	4.21 dBm		
M2		1	19.434275 GHz	-49.80 dBm		
M3		1	4.956949 GHz	-54.19 dBm		
M4		1	7.384248 GHz	-54.20 dBm		
M5		1	9.917427 GHz	-54.48 dBm		

Tx. Spurious NVNT b 2412MHz Ant2 Ref



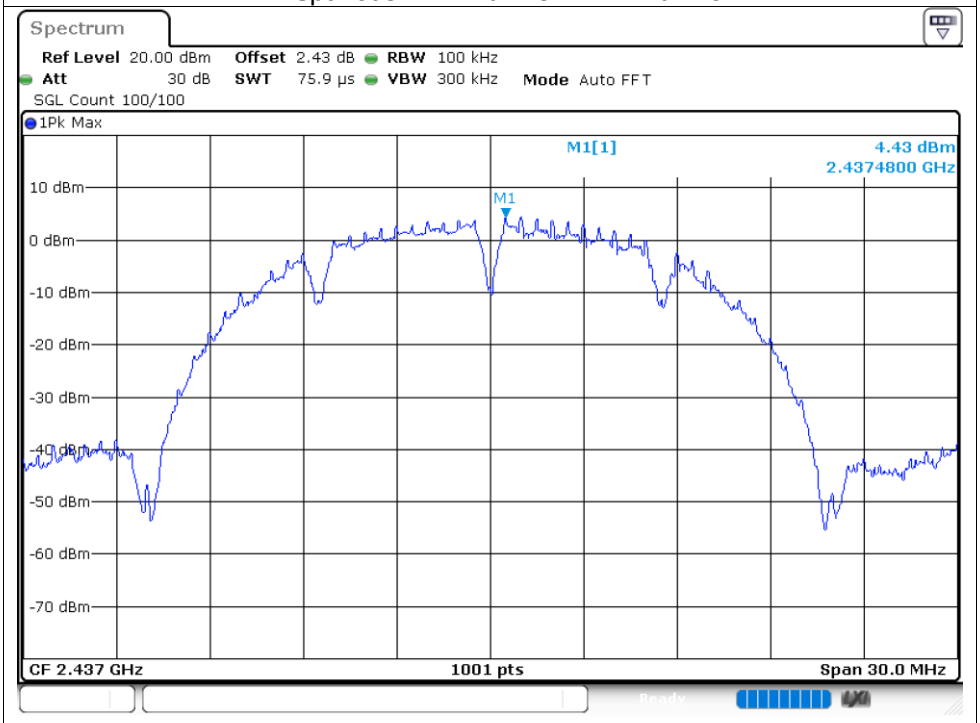
Tx. Spurious NVNT b 2412MHz Ant2 Emission



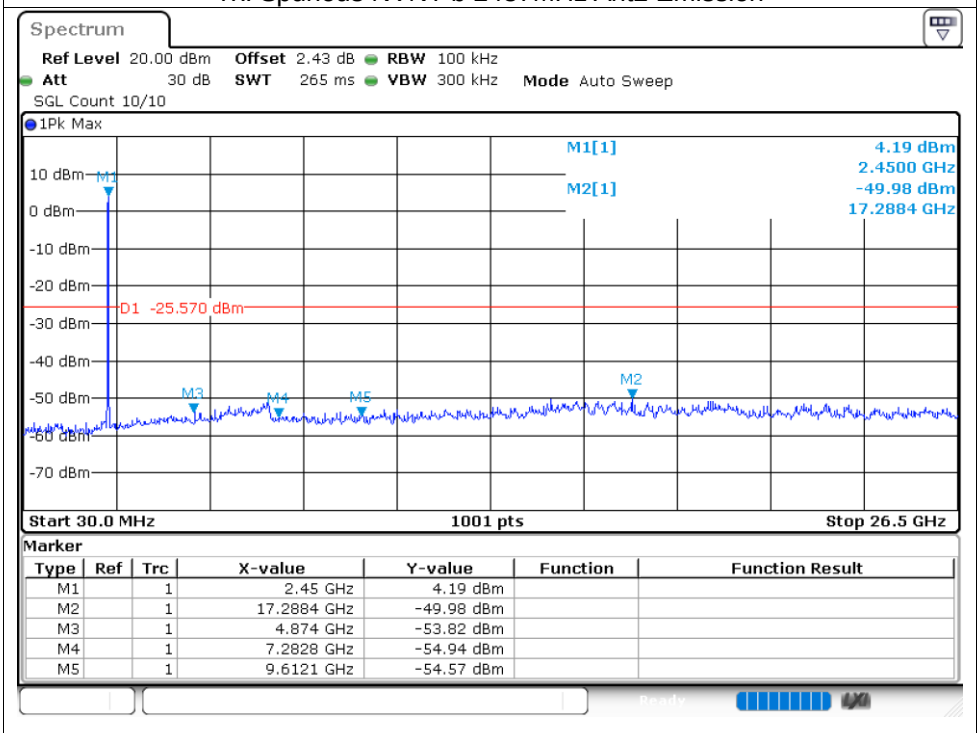
Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.423 GHz	3.01 dBm		
M2		1	19.8031 GHz	-50.71 dBm		
M3		1	4.9534 GHz	-53.29 dBm		
M4		1	7.0446 GHz	-54.01 dBm		
M5		1	9.718 GHz	-54.42 dBm		

Tx. Spurious NVNT b 2437MHz Ant2 Ref



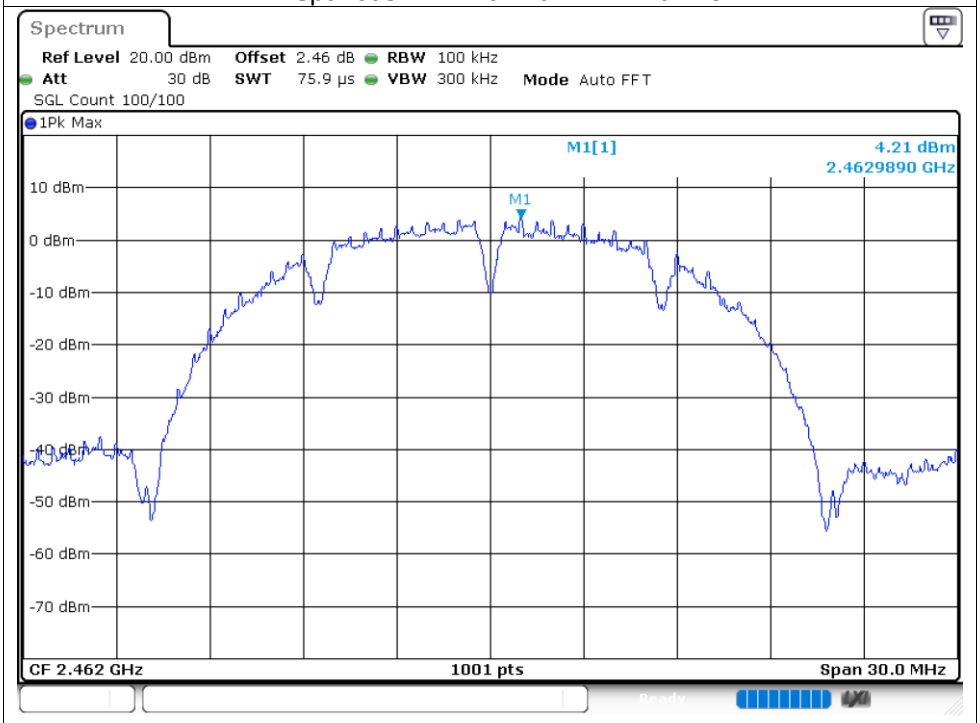
Tx. Spurious NVNT b 2437MHz Ant2 Emission



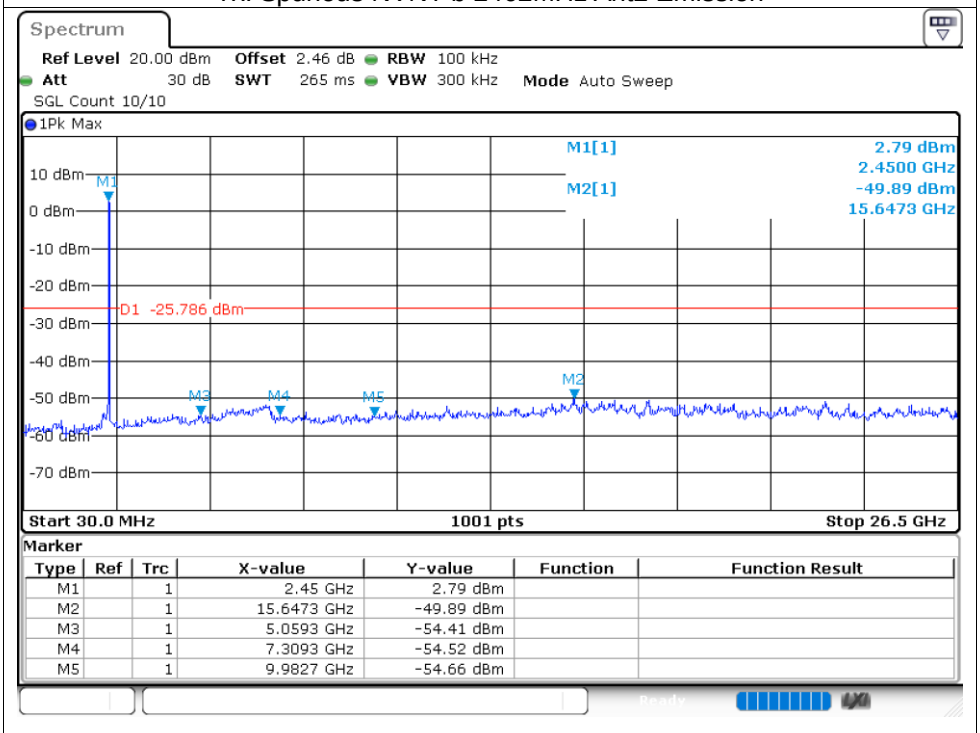
Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.45 GHz	4.19 dBm		
M2		1	17.2884 GHz	-49.98 dBm		
M3		1	4.874 GHz	-53.82 dBm		
M4		1	7.2828 GHz	-54.94 dBm		
M5		1	9.6121 GHz	-54.57 dBm		

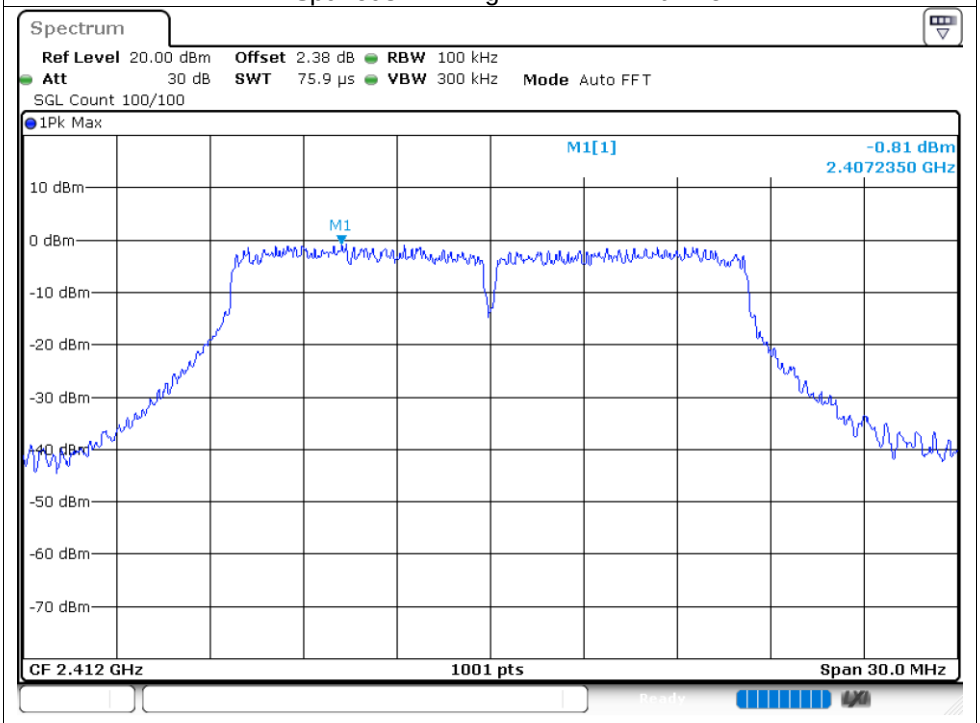
Tx. Spurious NVNT b 2462MHz Ant2 Ref



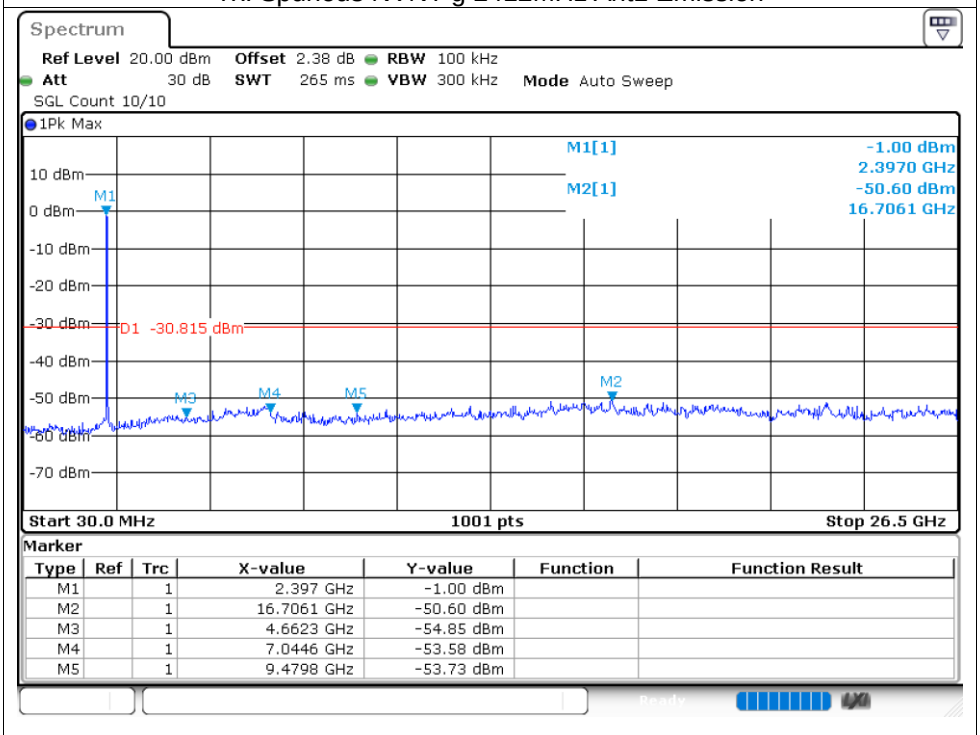
Tx. Spurious NVNT b 2462MHz Ant2 Emission



Tx. Spurious NVNT g 2412MHz Ant1 Ref



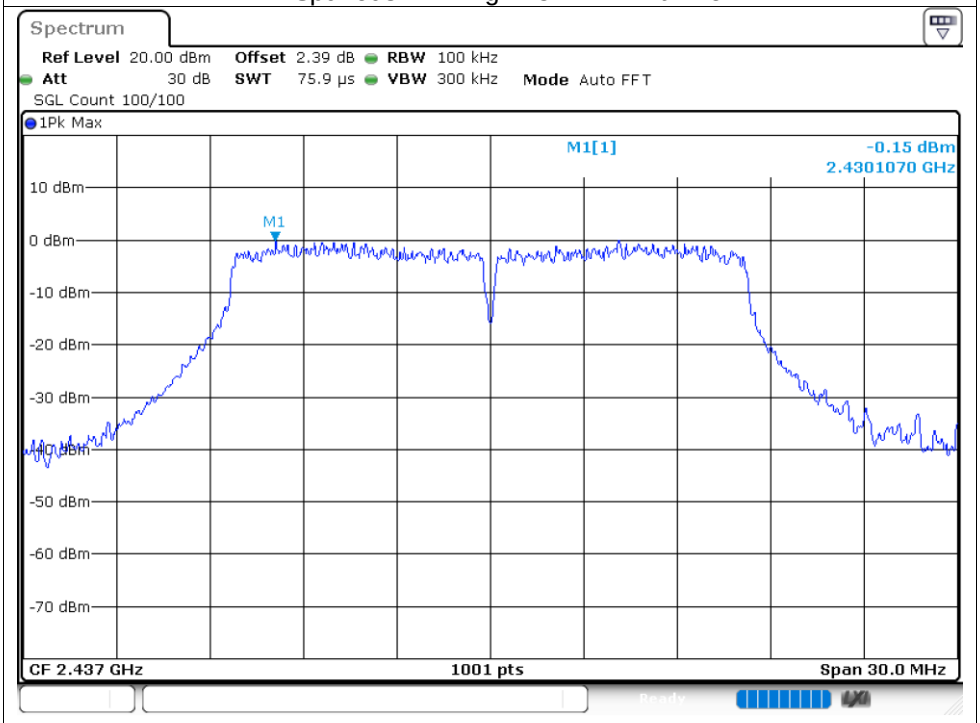
Tx. Spurious NVNT g 2412MHz Ant1 Emission



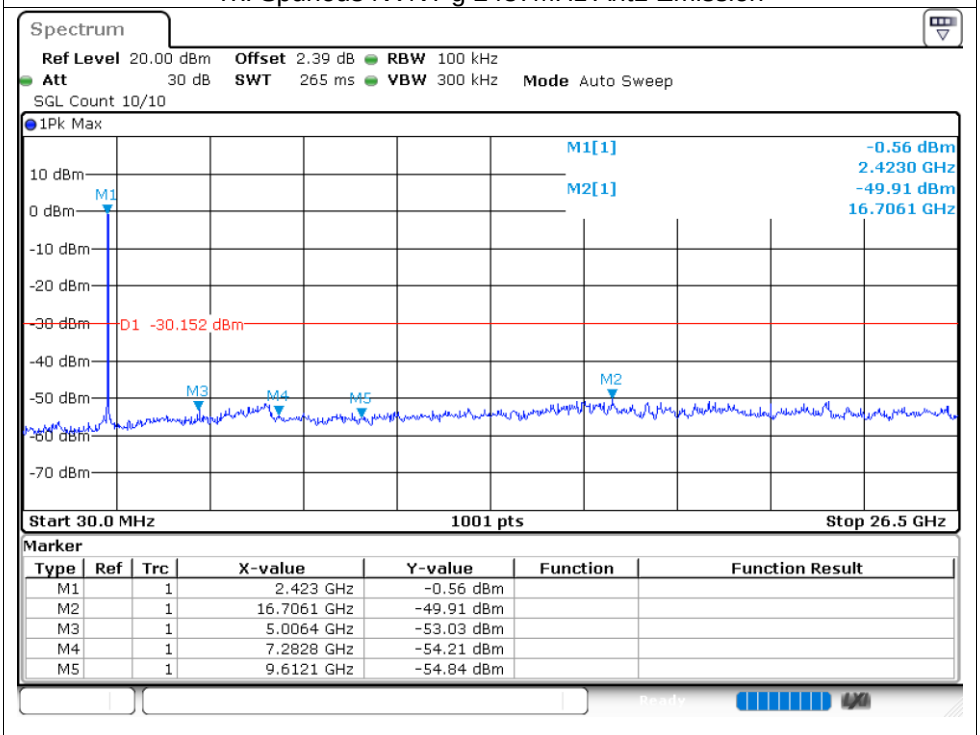
Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.397 GHz	-1.00 dBm		
M2		1	16.7061 GHz	-50.60 dBm		
M3		1	4.6623 GHz	-54.85 dBm		
M4		1	7.0446 GHz	-53.58 dBm		
M5		1	9.4798 GHz	-53.73 dBm		

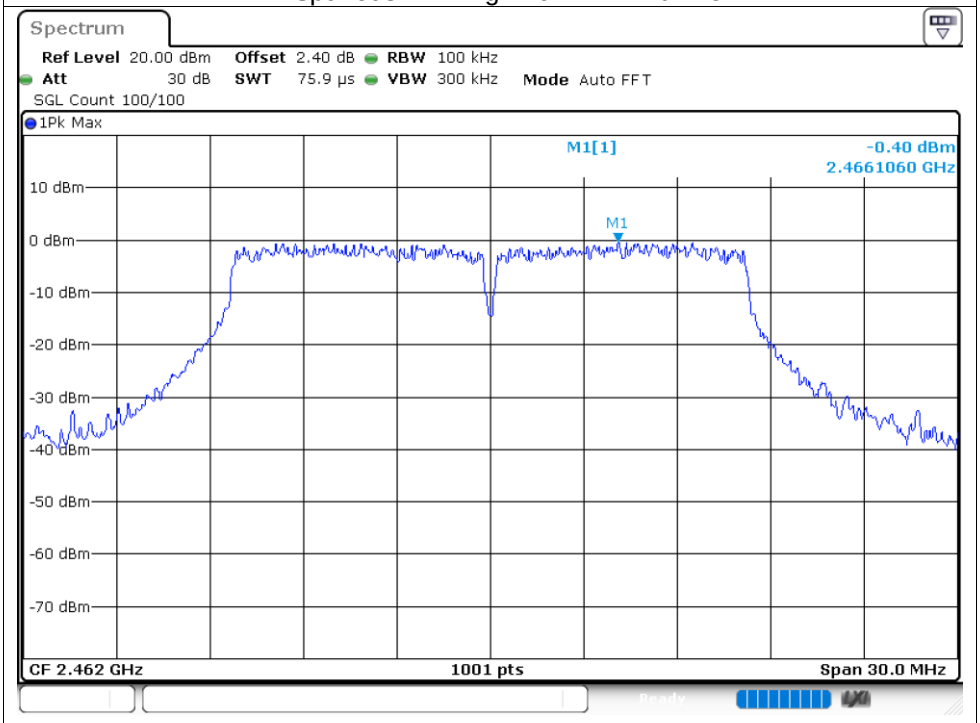
Tx. Spurious NVNT g 2437MHz Ant1 Ref



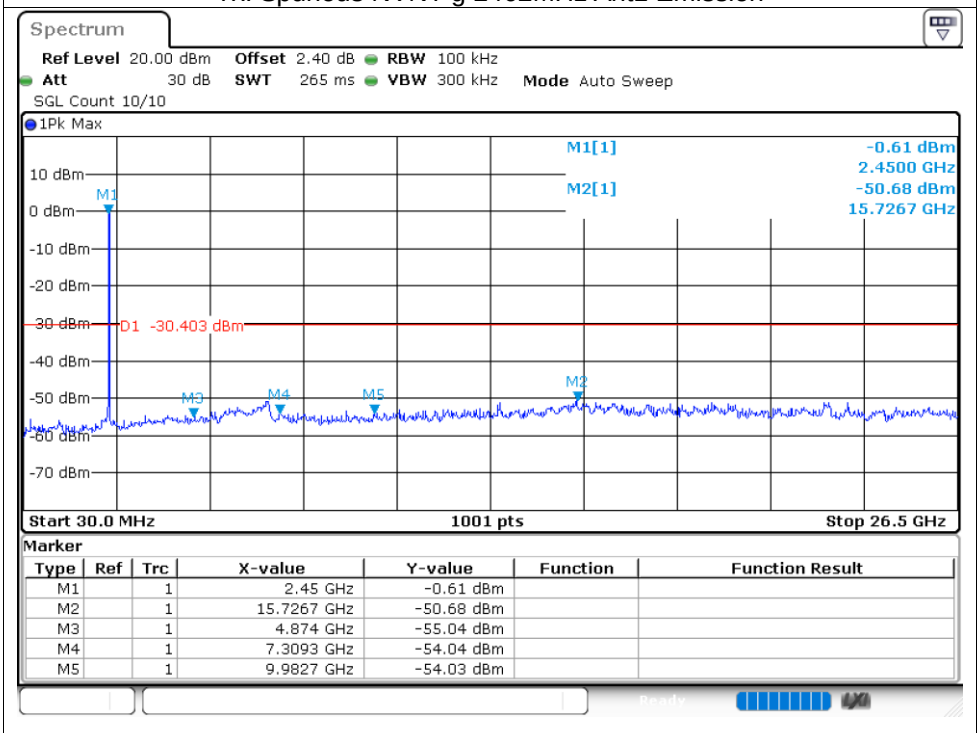
Tx. Spurious NVNT g 2437MHz Ant1 Emission



Tx. Spurious NVNT g 2462MHz Ant1 Ref



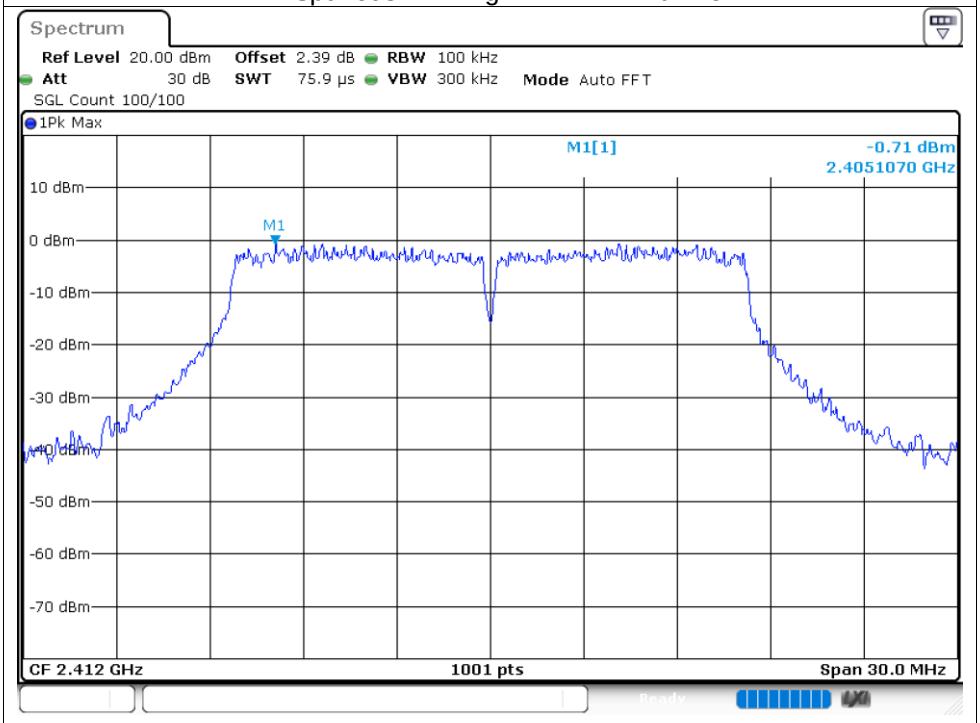
Tx. Spurious NVNT g 2462MHz Ant1 Emission



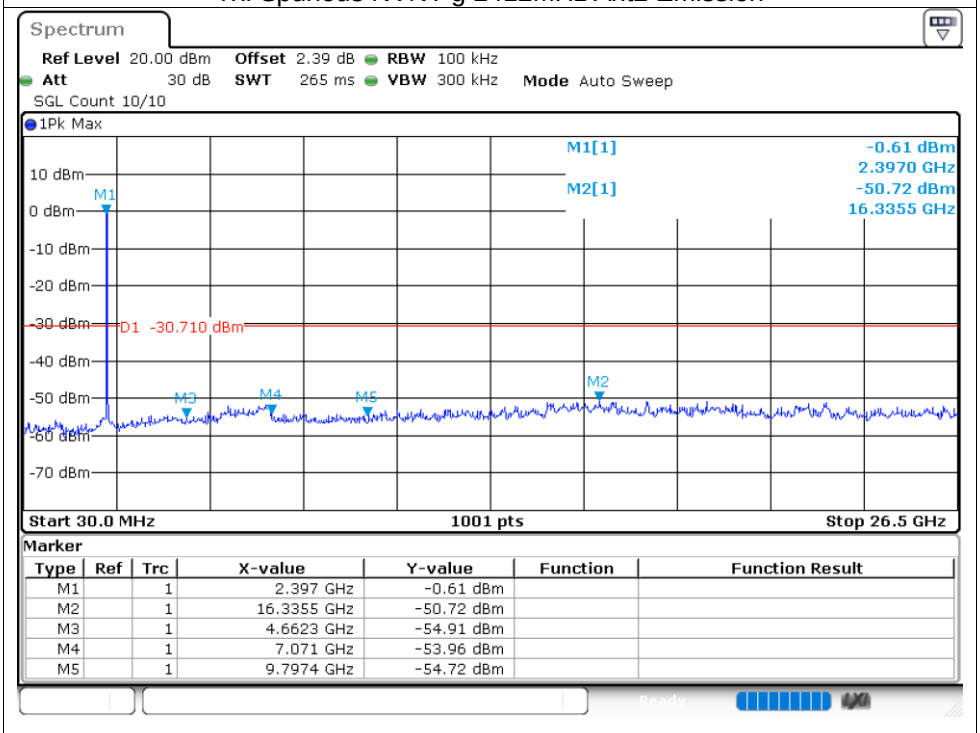
Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.45 GHz	-0.61 dBm		
M2		1	15.7267 GHz	-50.68 dBm		
M3		1	4.874 GHz	-55.04 dBm		
M4		1	7.3093 GHz	-54.04 dBm		
M5		1	9.9827 GHz	-54.03 dBm		

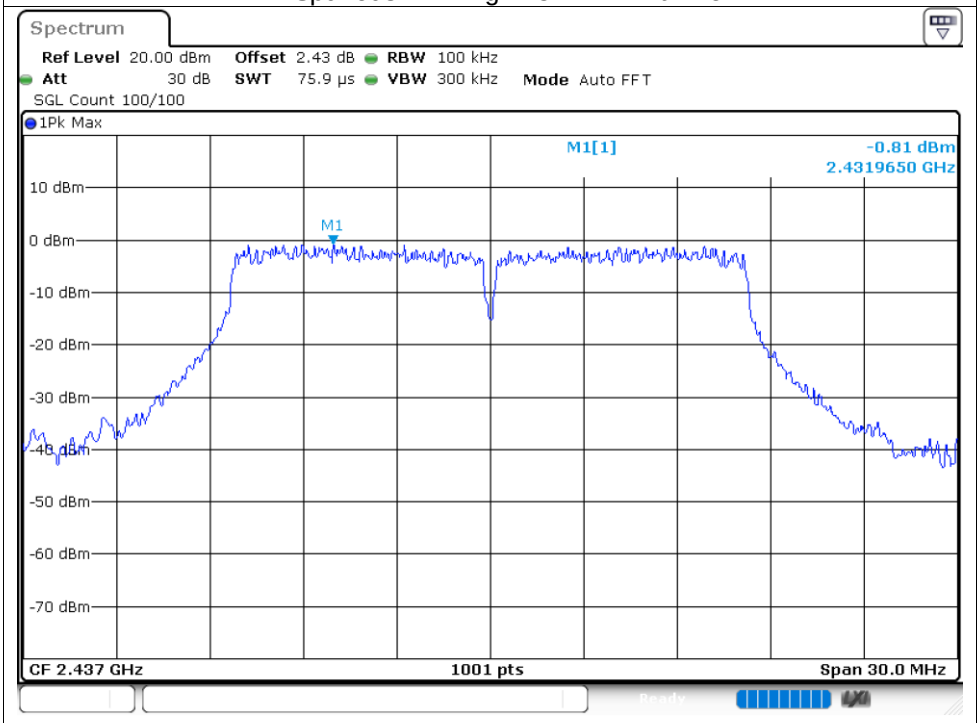
Tx. Spurious NVNT g 2412MHz Ant2 Ref



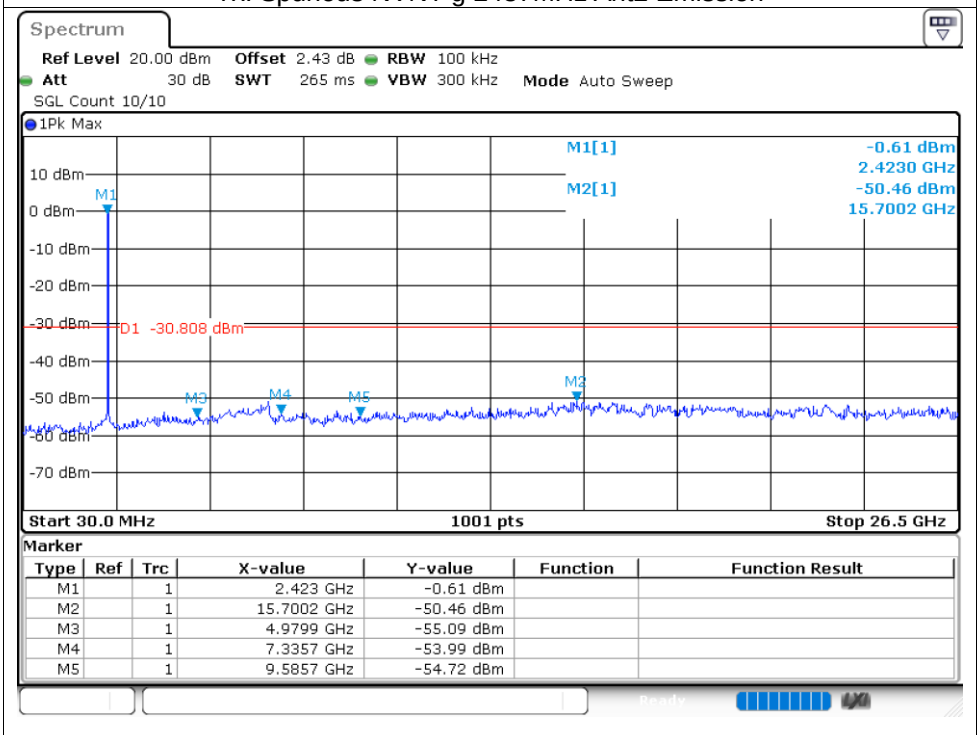
Tx. Spurious NVNT g 2412MHz Ant2 Emission



Tx. Spurious NVNT g 2437MHz Ant2 Ref



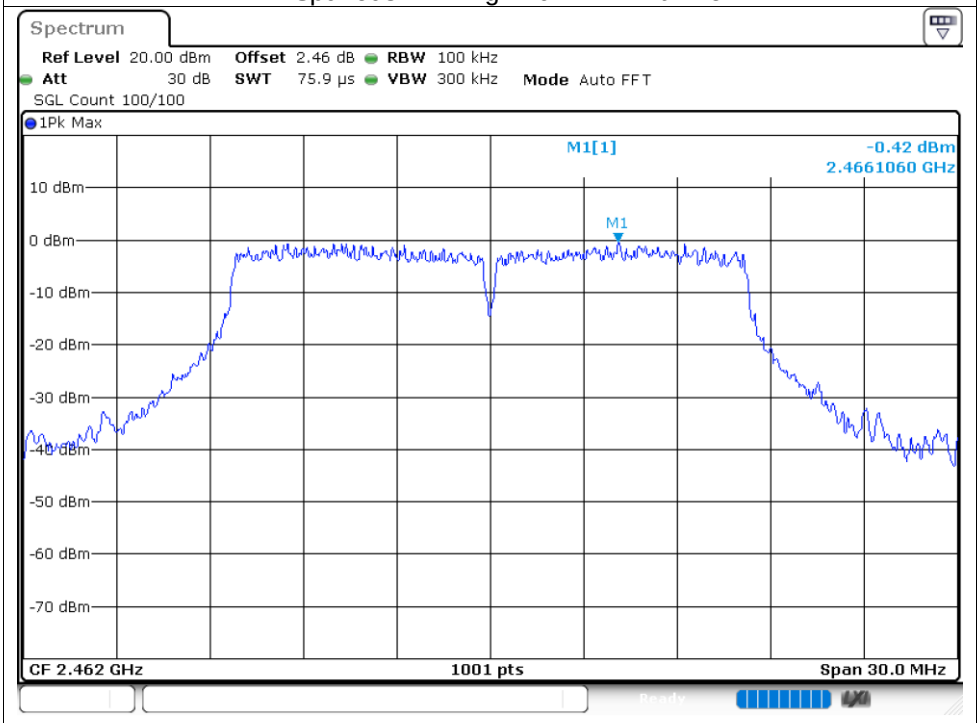
Tx. Spurious NVNT g 2437MHz Ant2 Emission



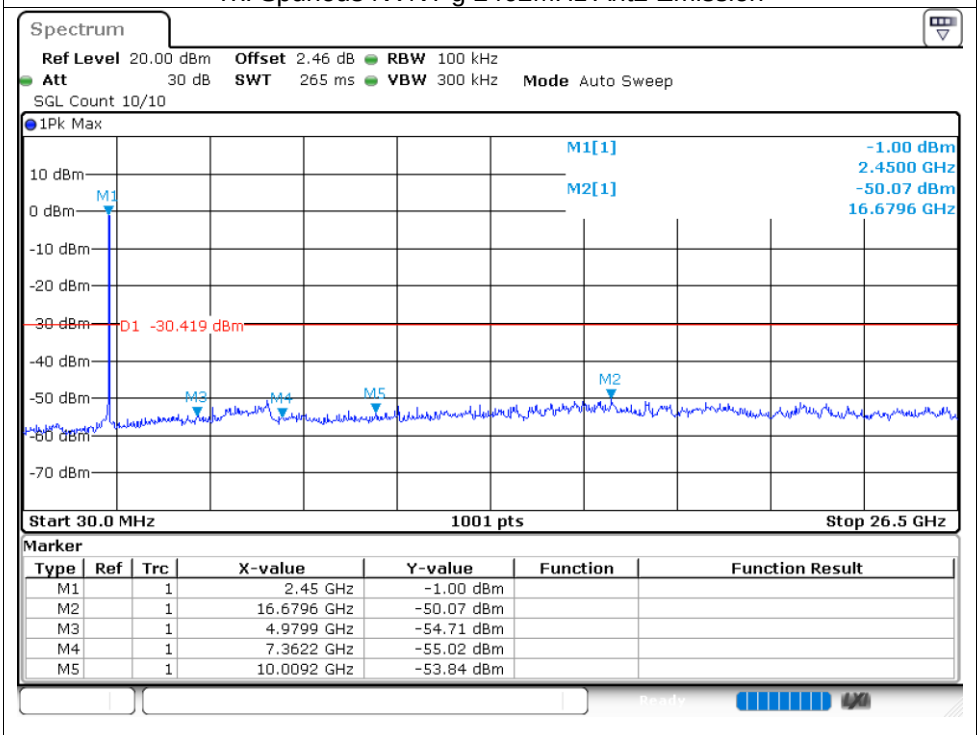
Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.423 GHz	-0.61 dBm		
M2		1	15.7002 GHz	-50.46 dBm		
M3		1	4.9799 GHz	-55.09 dBm		
M4		1	7.3357 GHz	-53.99 dBm		
M5		1	9.5857 GHz	-54.72 dBm		

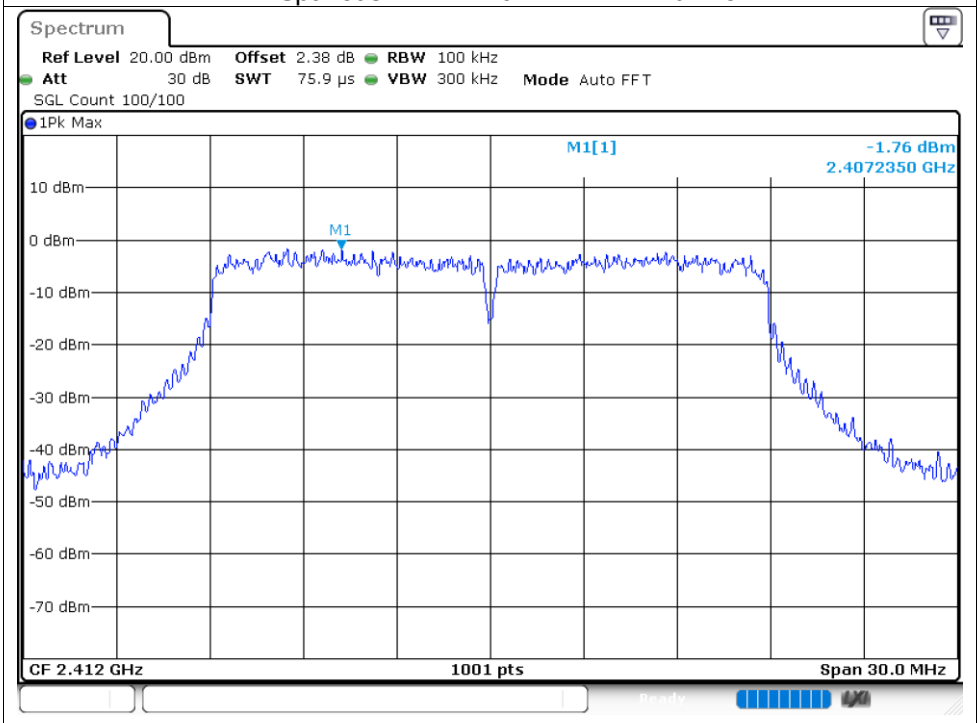
Tx. Spurious NVNT g 2462MHz Ant2 Ref



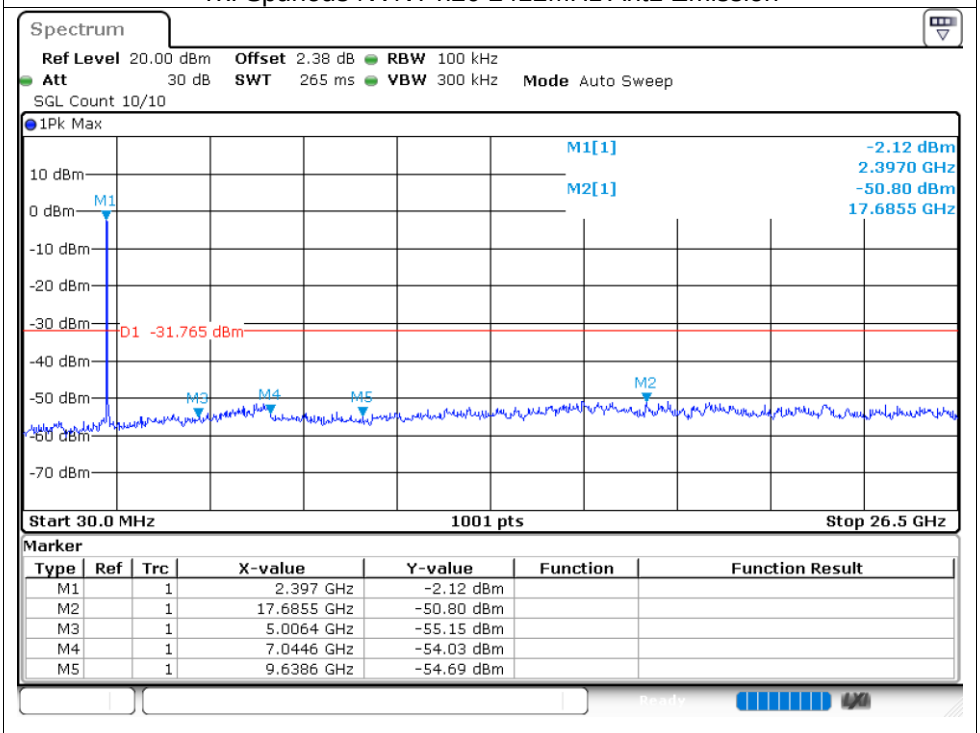
Tx. Spurious NVNT g 2462MHz Ant2 Emission



Tx. Spurious NVNT n20 2412MHz Ant1 Ref



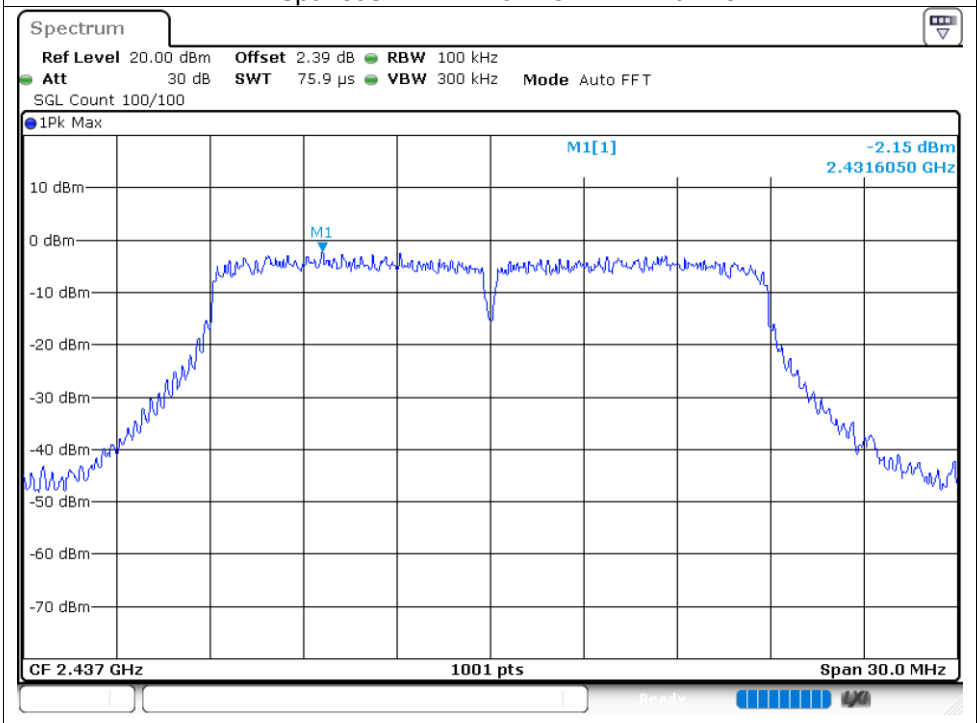
Tx. Spurious NVNT n20 2412MHz Ant1 Emission



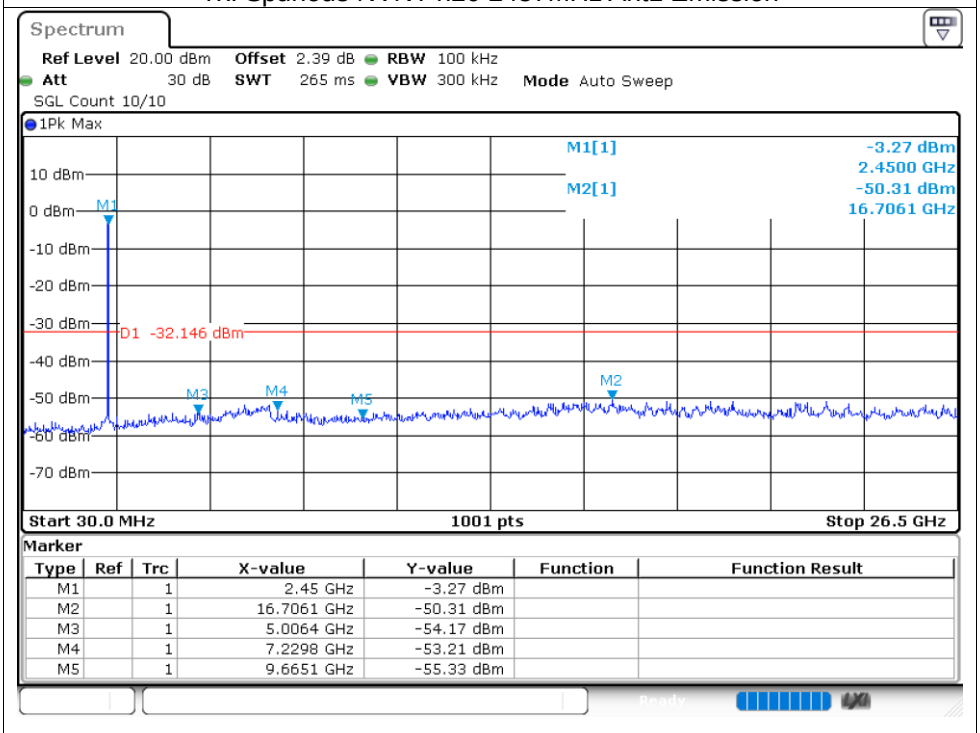
Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.397 GHz	-2.12 dBm		
M2		1	17.6855 GHz	-50.80 dBm		
M3		1	5.0064 GHz	-55.15 dBm		
M4		1	7.0446 GHz	-54.03 dBm		
M5		1	9.6386 GHz	-54.69 dBm		

Tx. Spurious NVNT n20 2437MHz Ant1 Ref



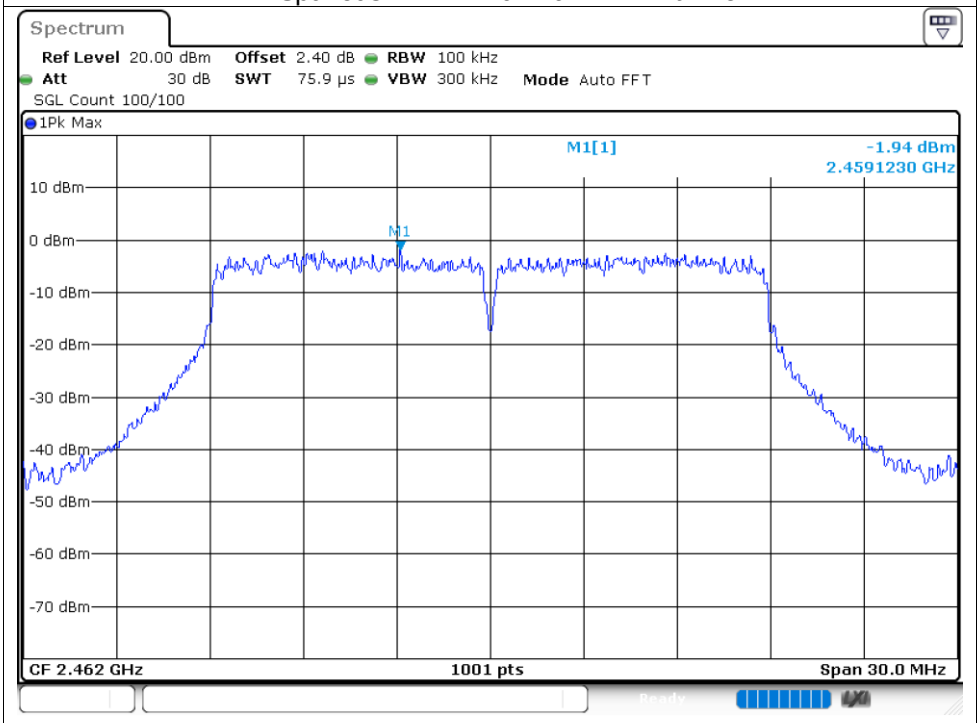
Tx. Spurious NVNT n20 2437MHz Ant1 Emission



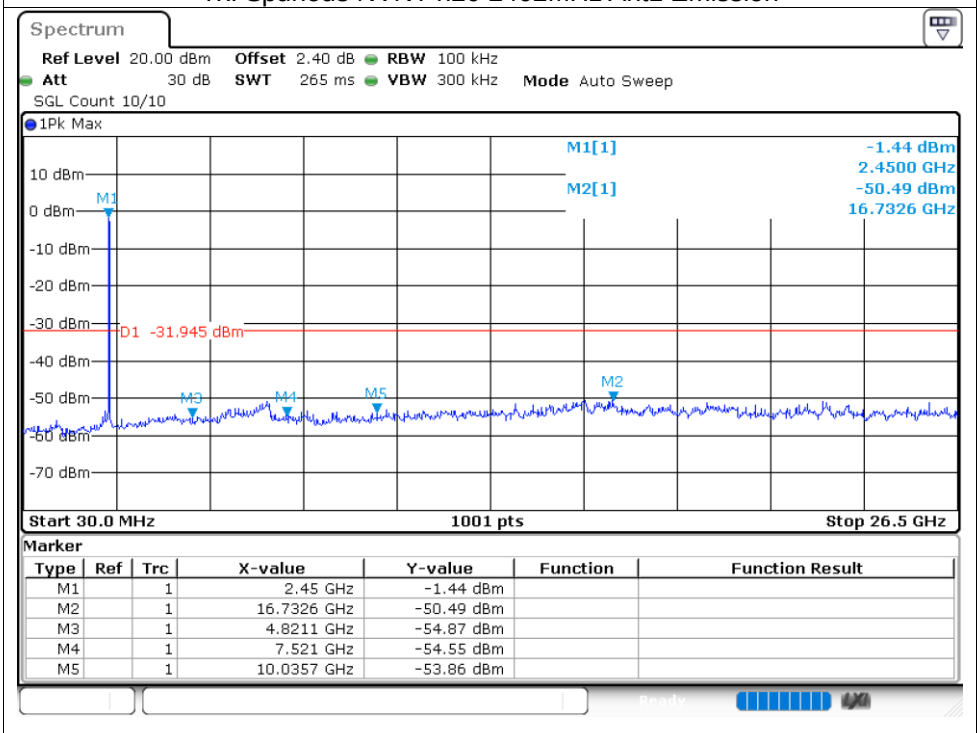
Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.45 GHz	-3.27 dBm		
M2		1	16.7061 GHz	-50.31 dBm		
M3		1	5.0064 GHz	-54.17 dBm		
M4		1	7.2298 GHz	-53.21 dBm		
M5		1	9.6651 GHz	-55.33 dBm		

Tx. Spurious NVNT n20 2462MHz Ant1 Ref



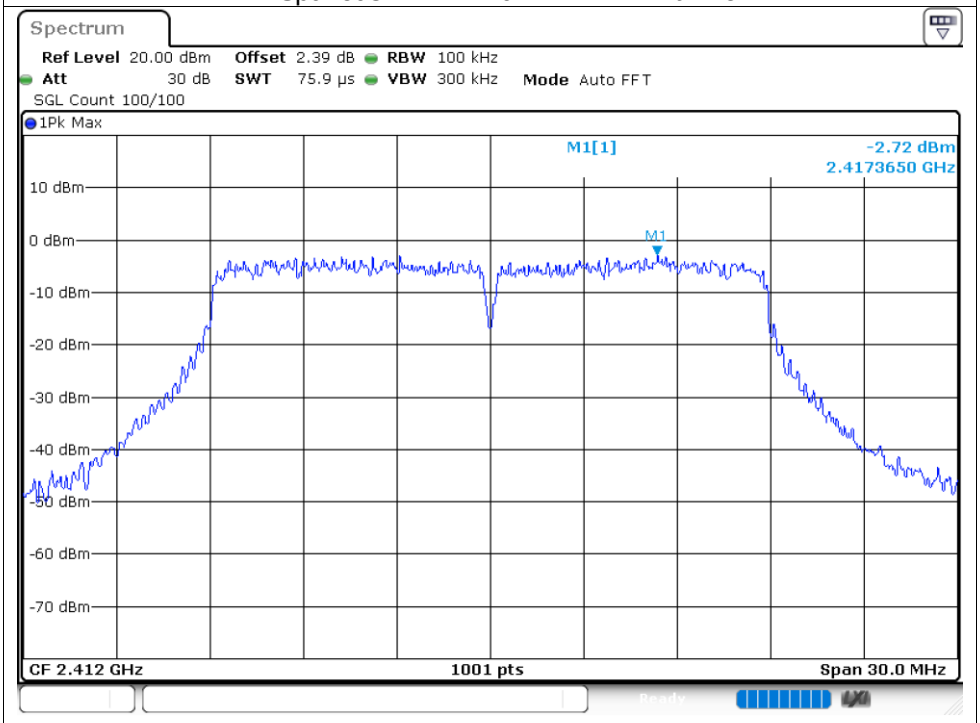
Tx. Spurious NVNT n20 2462MHz Ant1 Emission



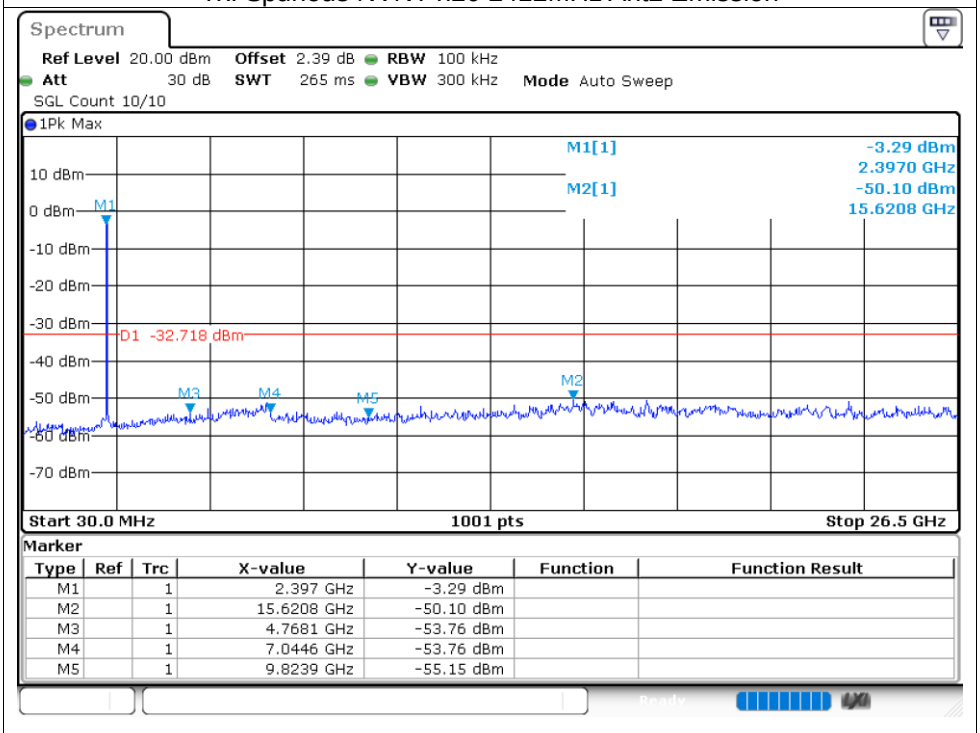
Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.45 GHz	-1.44 dBm		
M2		1	16.7326 GHz	-50.49 dBm		
M3		1	4.8211 GHz	-54.87 dBm		
M4		1	7.521 GHz	-54.55 dBm		
M5		1	10.0357 GHz	-53.86 dBm		

Tx. Spurious NVNT n20 2412MHz Ant2 Ref



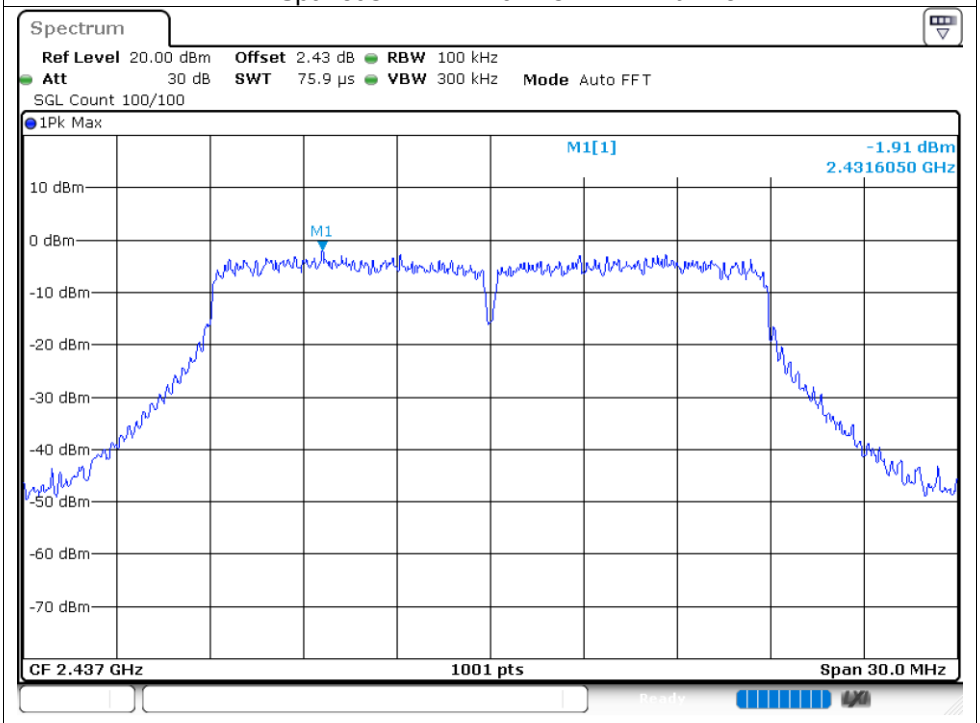
Tx. Spurious NVNT n20 2412MHz Ant2 Emission



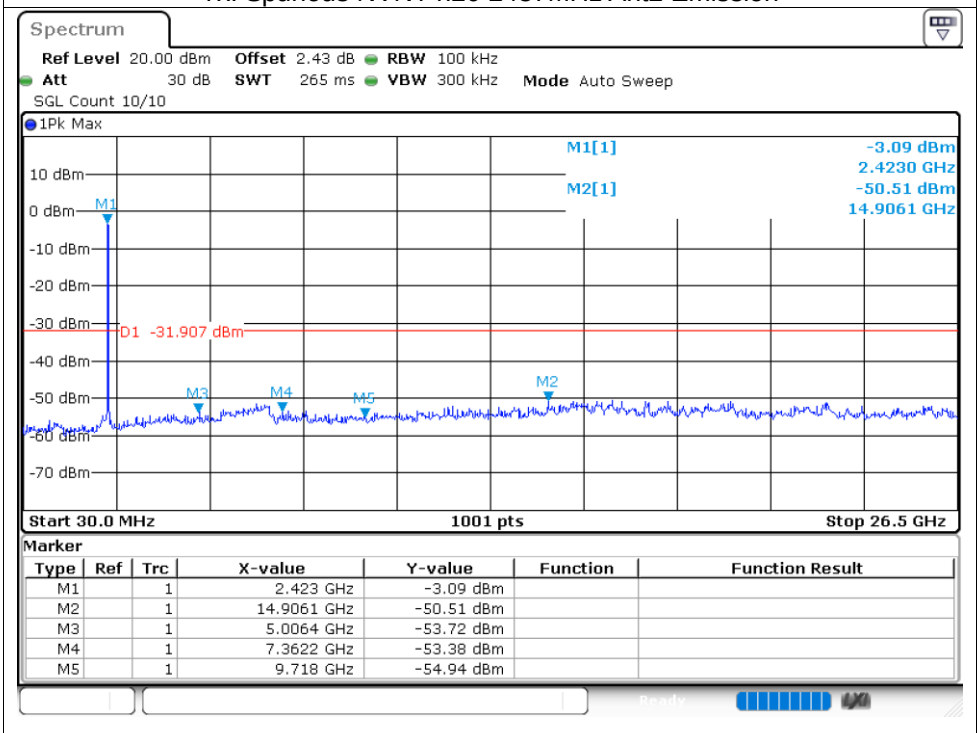
Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.397 GHz	-3.29 dBm		
M2		1	15.6208 GHz	-50.10 dBm		
M3		1	4.7681 GHz	-53.76 dBm		
M4		1	7.0446 GHz	-53.76 dBm		
M5		1	9.8239 GHz	-55.15 dBm		

Tx. Spurious NVNT n20 2437MHz Ant2 Ref



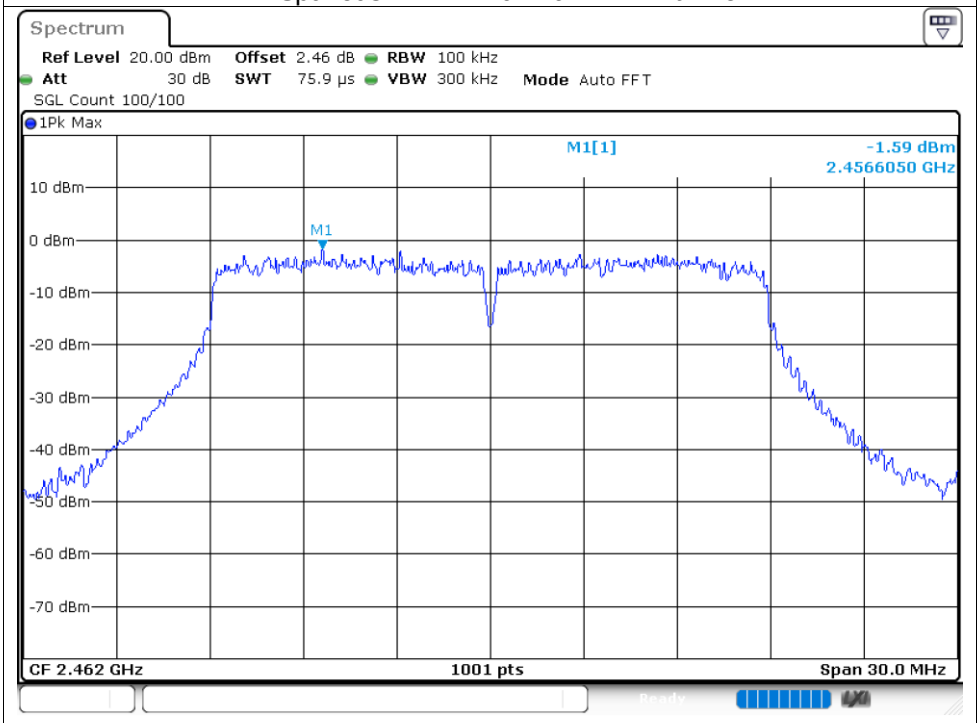
Tx. Spurious NVNT n20 2437MHz Ant2 Emission



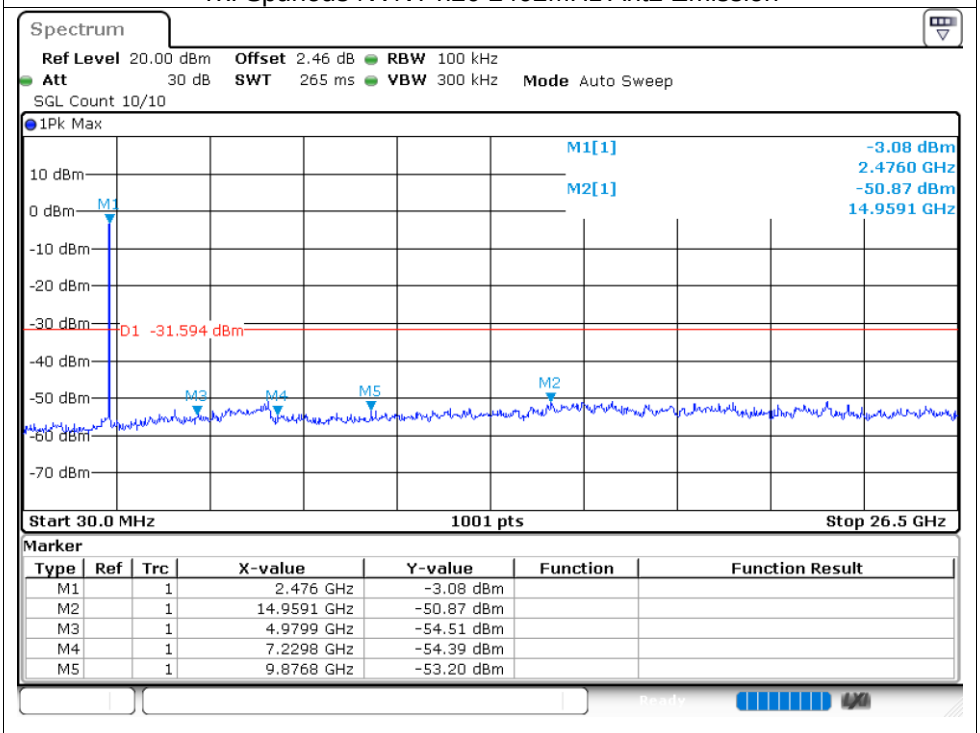
Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.423 GHz	-3.09 dBm		
M2		1	14.9061 GHz	-50.51 dBm		
M3		1	5.0064 GHz	-53.72 dBm		
M4		1	7.3622 GHz	-53.38 dBm		
M5		1	9.718 GHz	-54.94 dBm		

Tx. Spurious NVNT n20 2462MHz Ant2 Ref



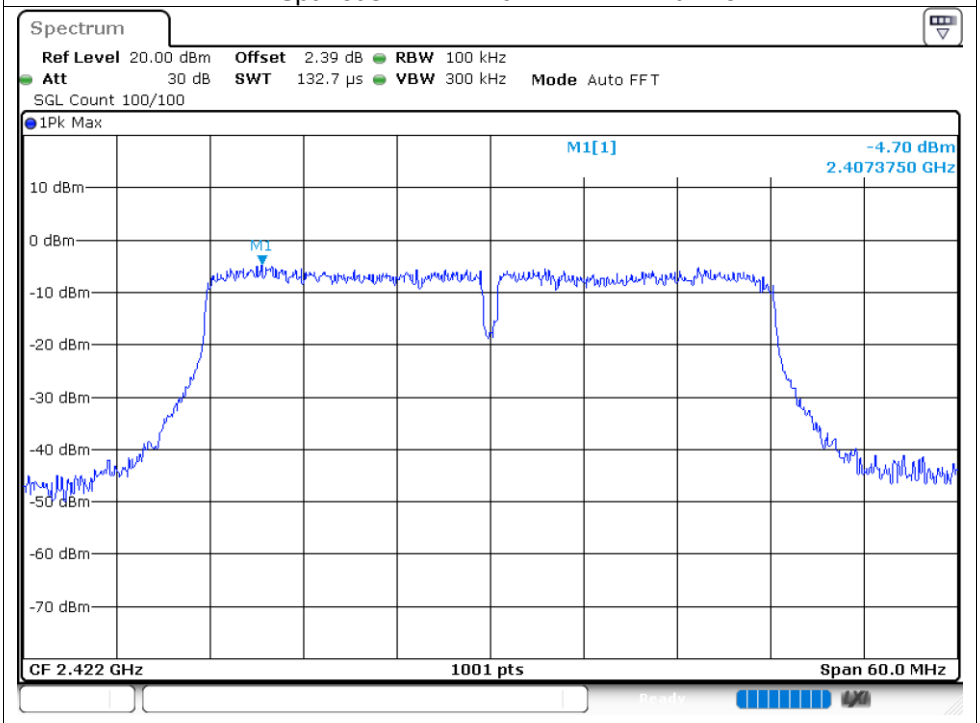
Tx. Spurious NVNT n20 2462MHz Ant2 Emission



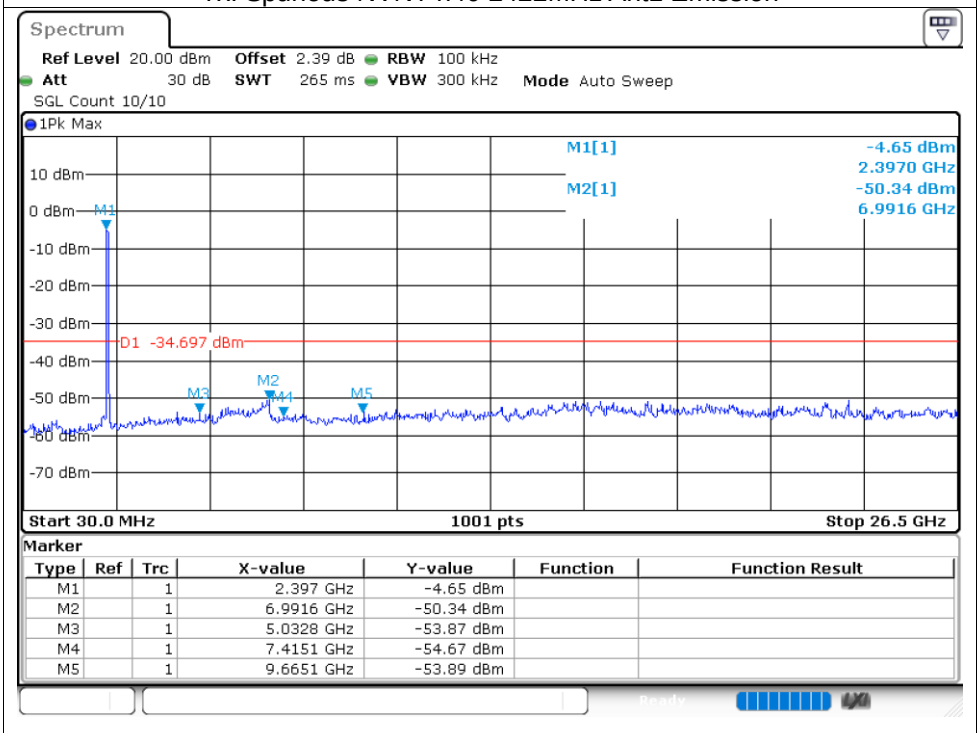
Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.476 GHz	-3.08 dBm		
M2		1	14.9591 GHz	-50.87 dBm		
M3		1	4.9799 GHz	-54.51 dBm		
M4		1	7.2298 GHz	-54.39 dBm		
M5		1	9.8768 GHz	-53.20 dBm		

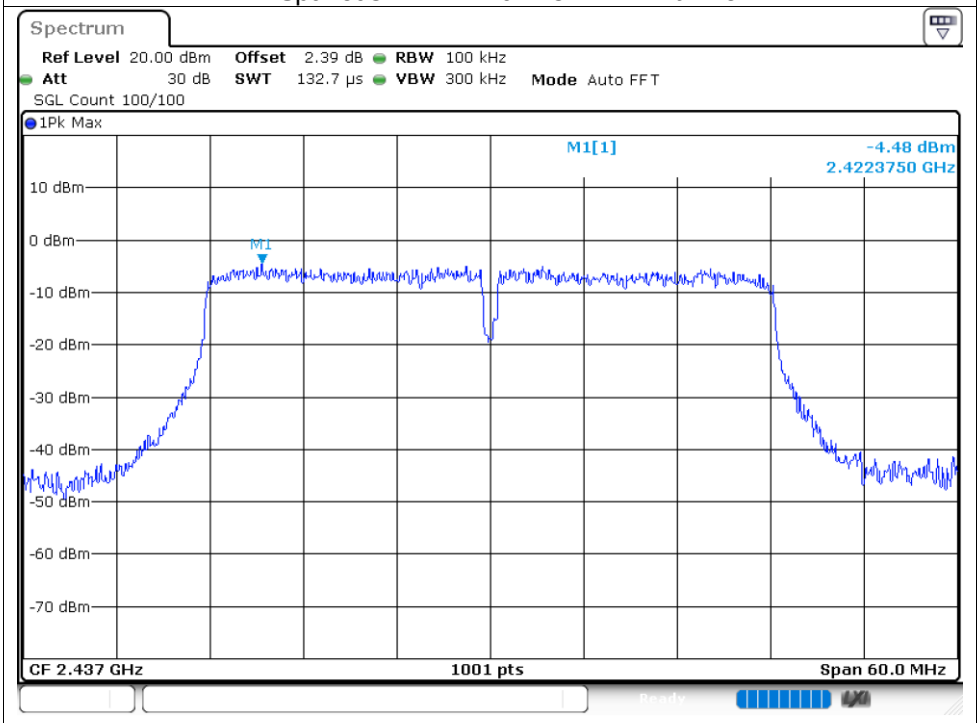
Tx. Spurious NVNT n40 2422MHz Ant1 Ref



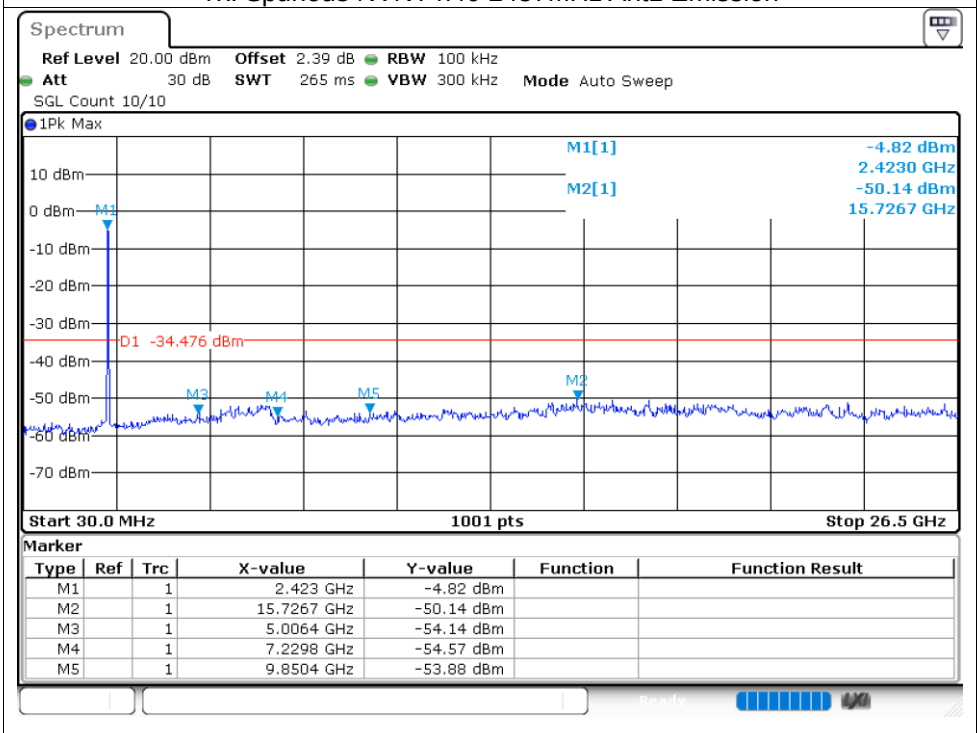
Tx. Spurious NVNT n40 2422MHz Ant1 Emission



Tx. Spurious NVNT n40 2437MHz Ant1 Ref



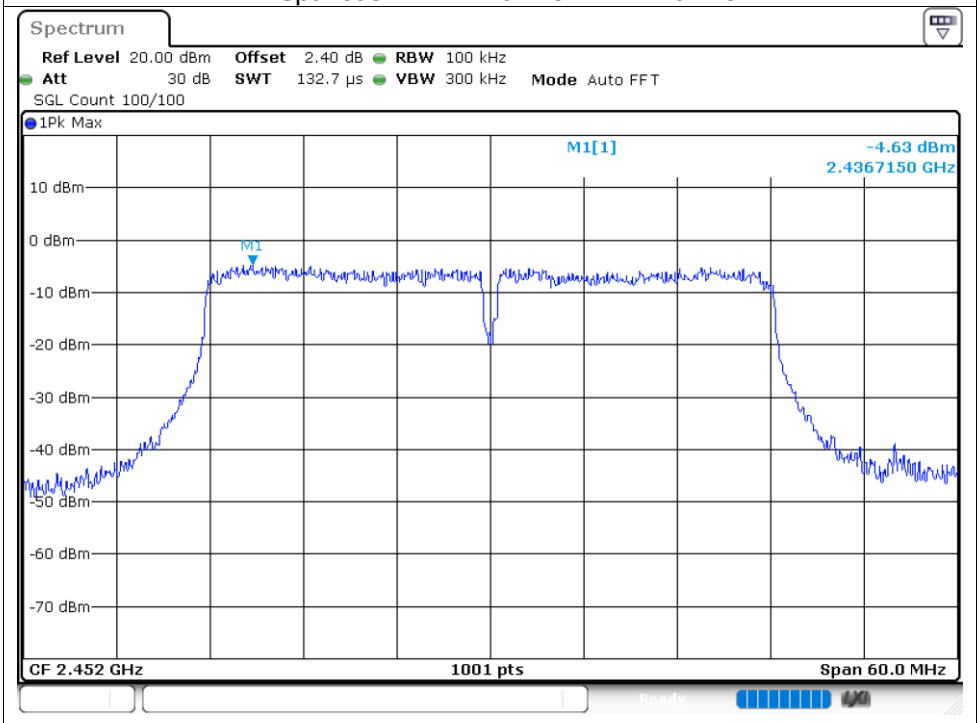
Tx. Spurious NVNT n40 2437MHz Ant1 Emission



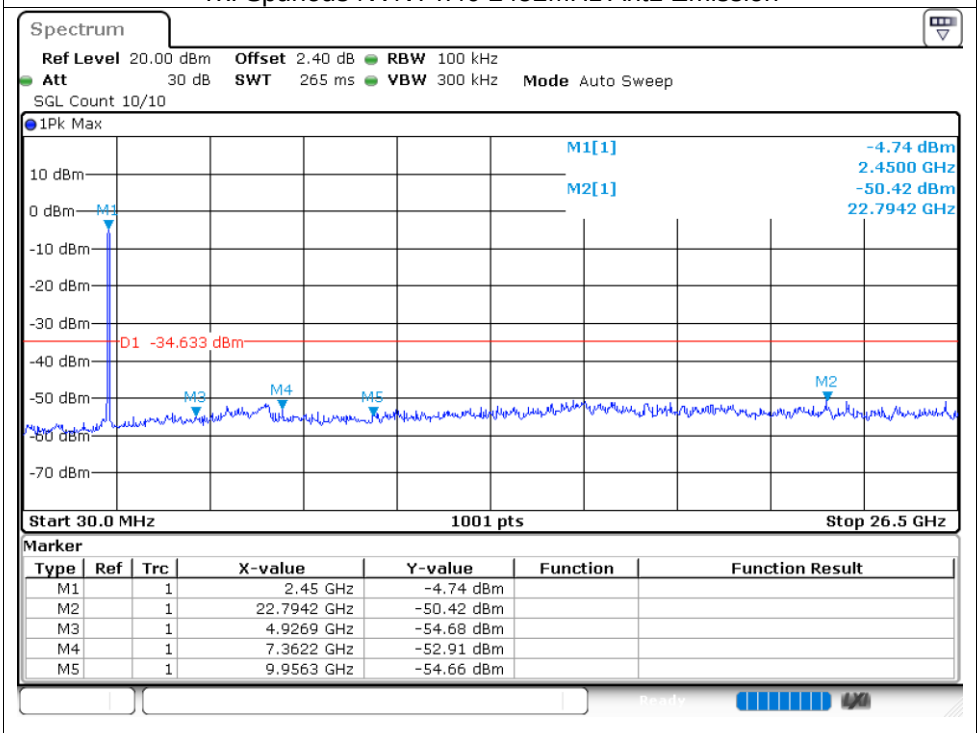
Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.423 GHz	-4.82 dBm		
M2		1	15.7267 GHz	-50.14 dBm		
M3		1	5.0064 GHz	-54.14 dBm		
M4		1	7.2298 GHz	-54.57 dBm		
M5		1	9.8504 GHz	-53.88 dBm		

Tx. Spurious NVNT n40 2452MHz Ant1 Ref



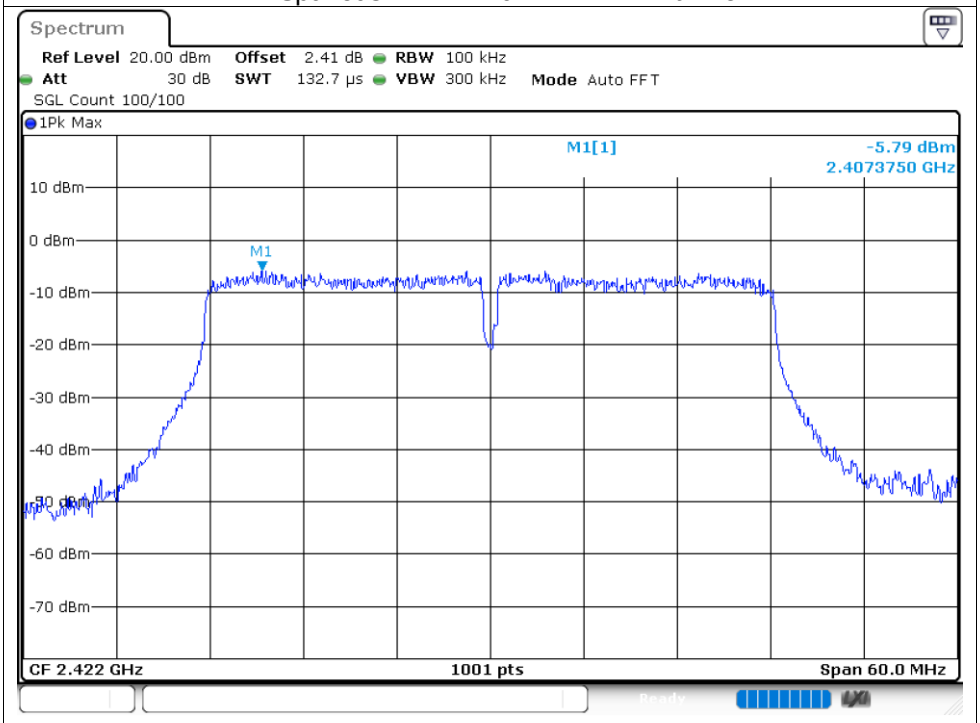
Tx. Spurious NVNT n40 2452MHz Ant1 Emission



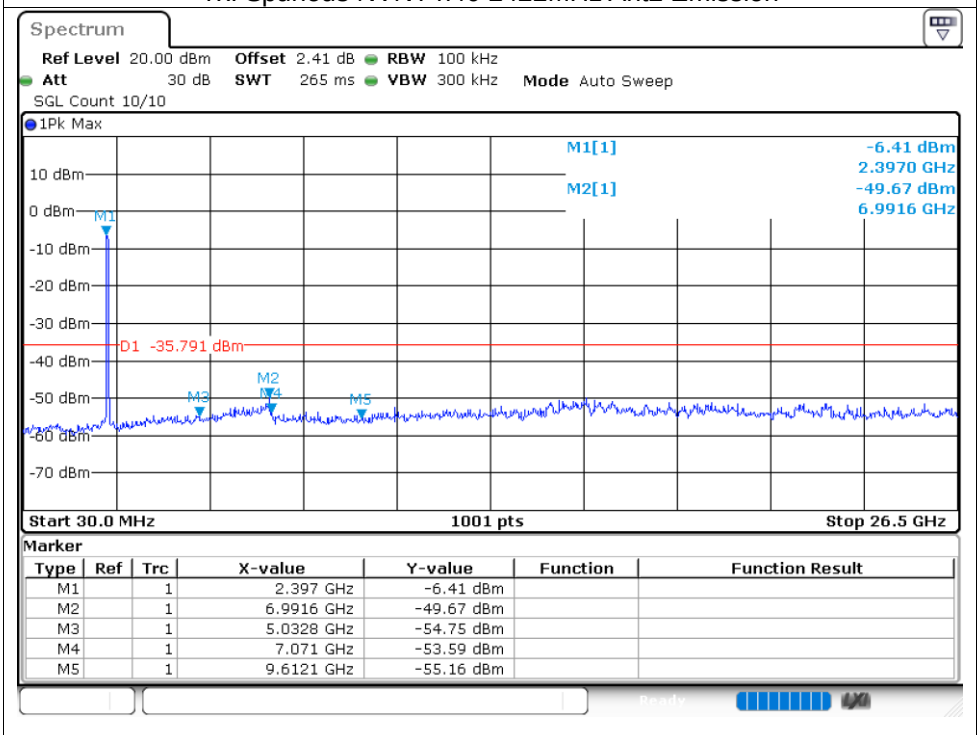
Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.45 GHz	-4.74 dBm		
M2		1	22.7942 GHz	-50.42 dBm		
M3		1	4.9269 GHz	-54.68 dBm		
M4		1	7.3622 GHz	-52.91 dBm		
M5		1	9.9563 GHz	-54.66 dBm		

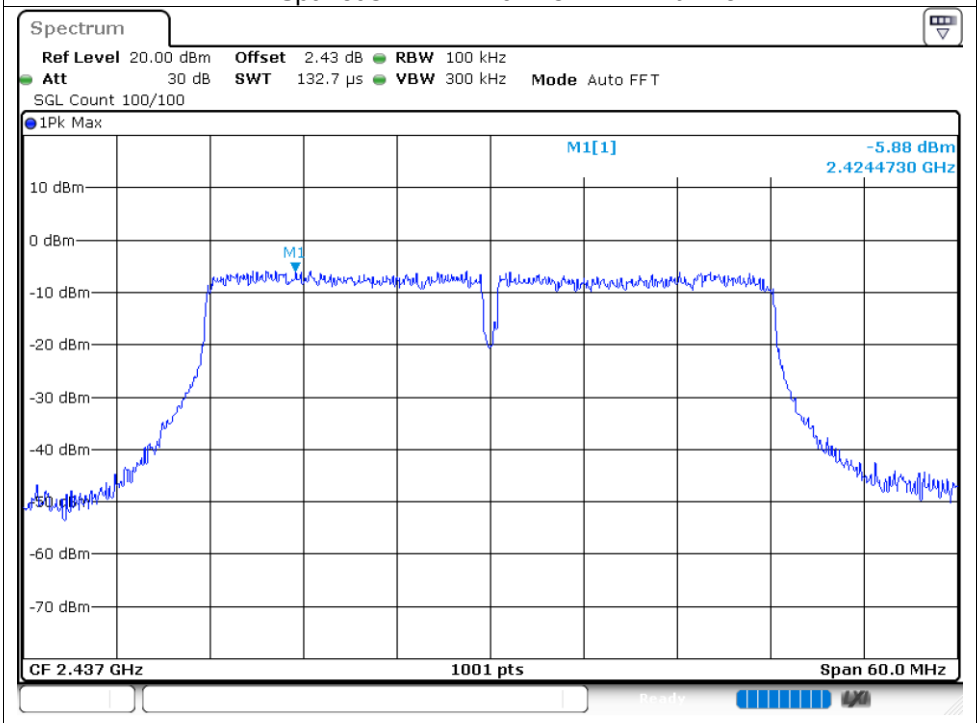
Tx. Spurious NVNT n40 2422MHz Ant2 Ref



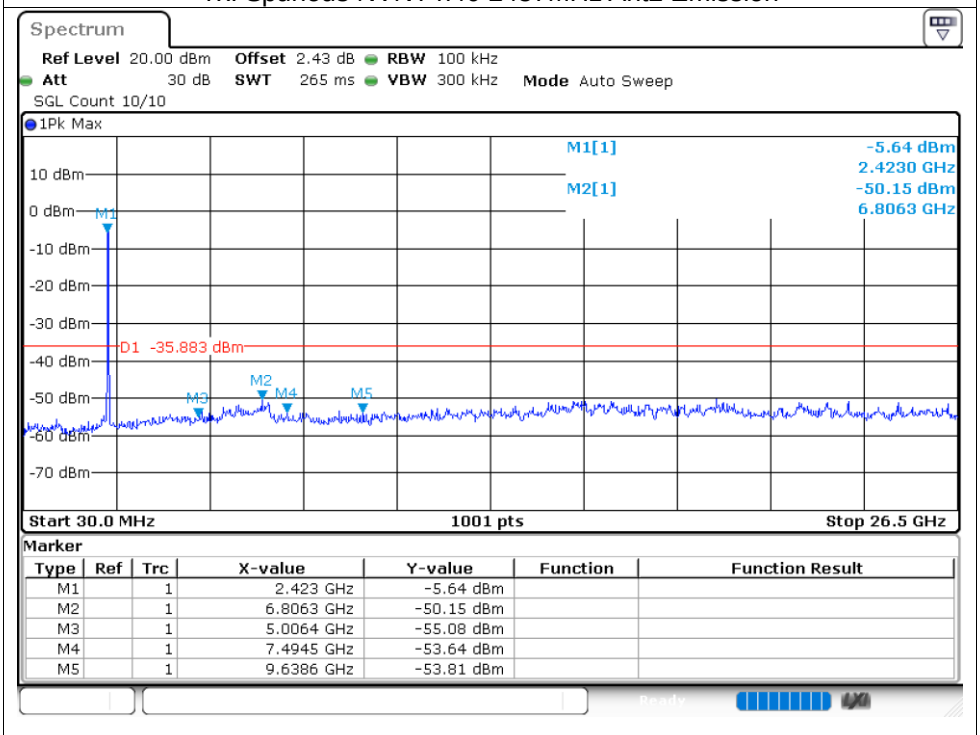
Tx. Spurious NVNT n40 2422MHz Ant2 Emission



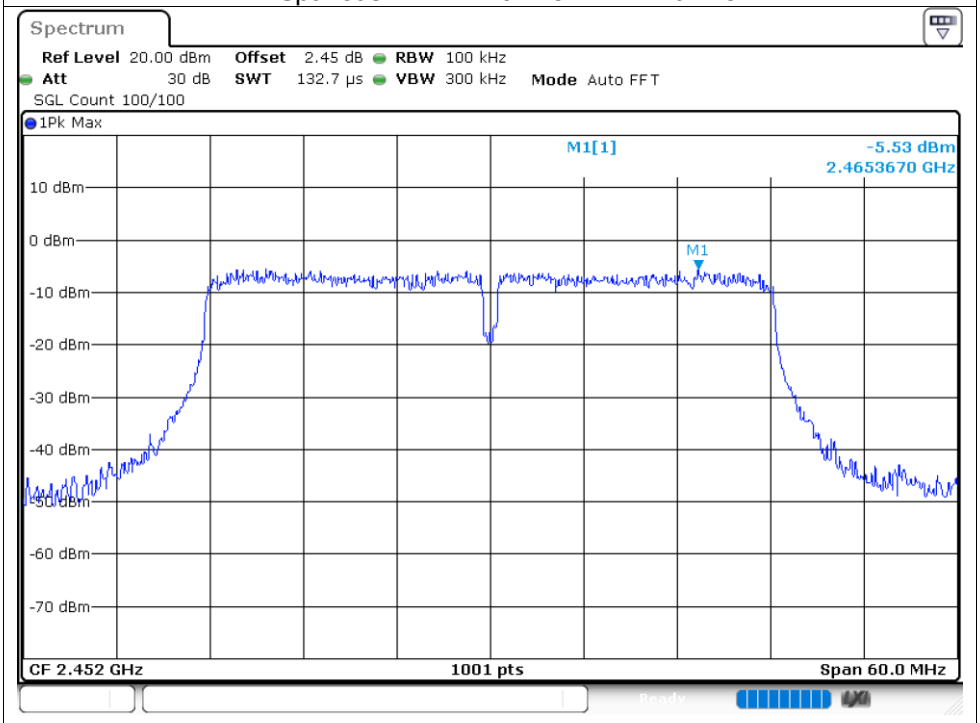
Tx. Spurious NVNT n40 2437MHz Ant2 Ref



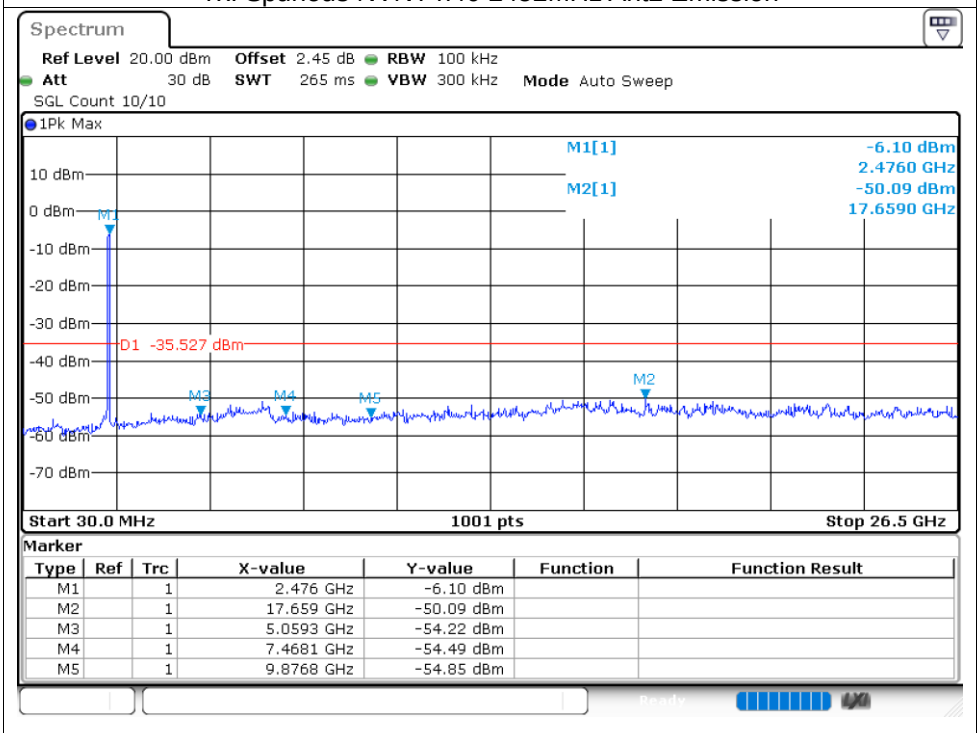
Tx. Spurious NVNT n40 2437MHz Ant2 Emission



Tx. Spurious NVNT n40 2452MHz Ant2 Ref



Tx. Spurious NVNT n40 2452MHz Ant2 Emission



END OF REPORT