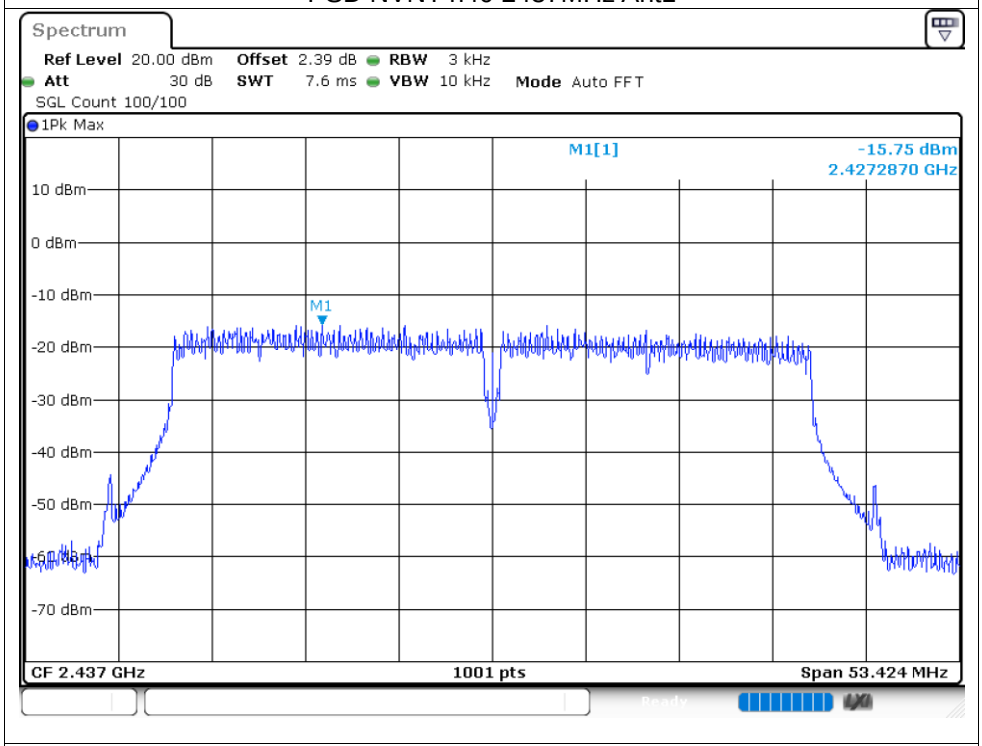
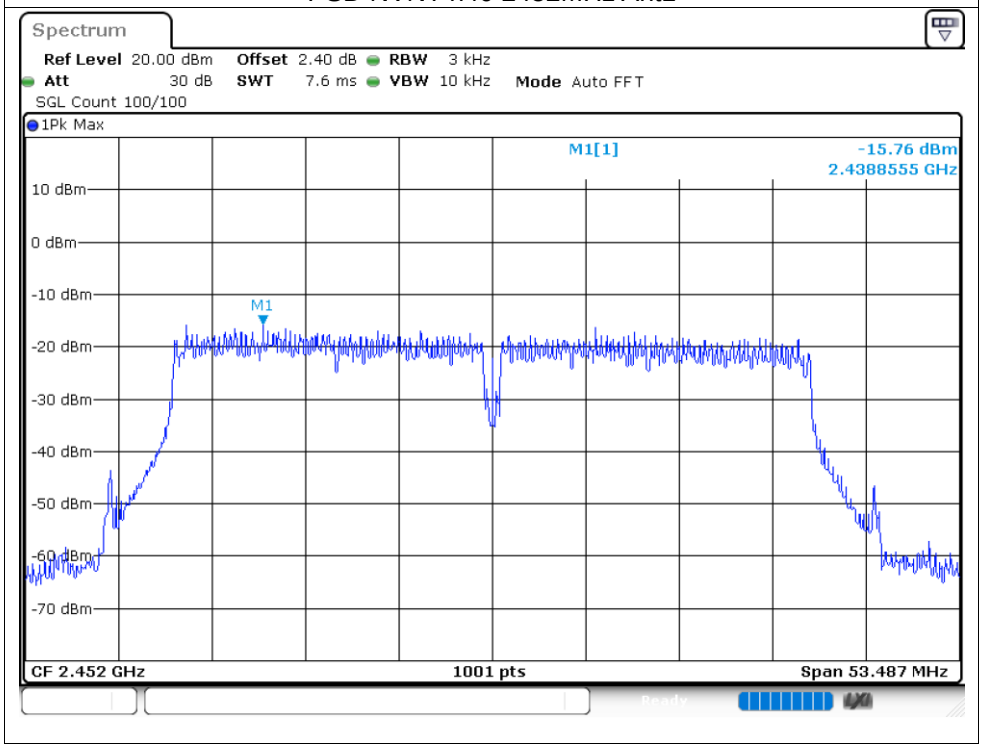
PSD NVNT n40 2437MHz Ant1



PSD NVNT n40 2452MHz Ant1

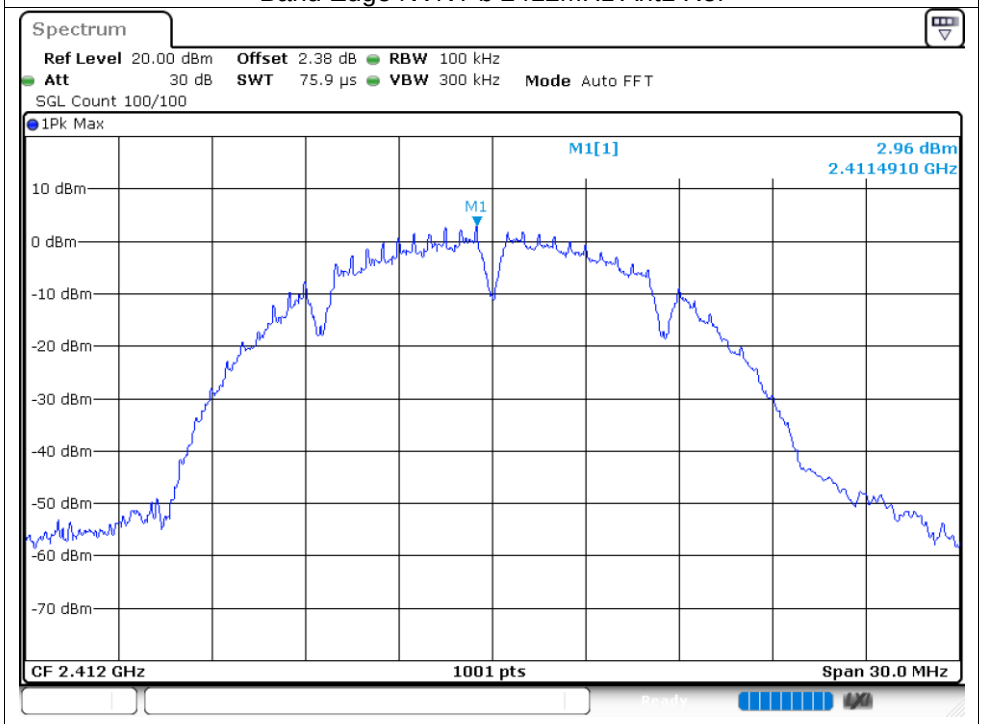


8.6 BAND EDGE

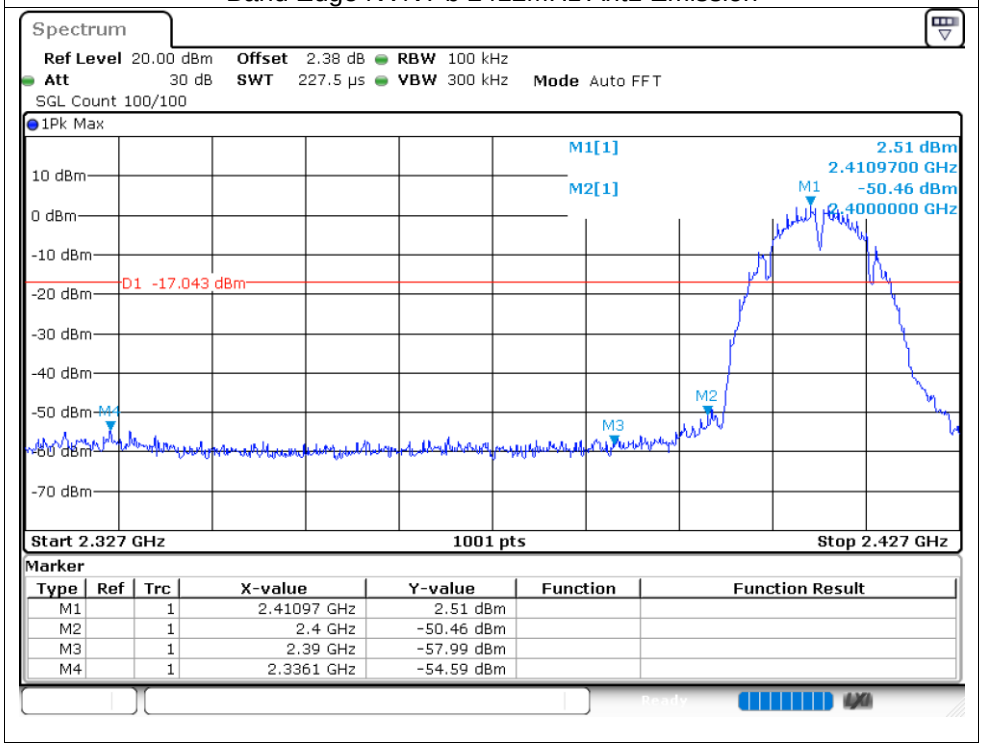
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	b	2412	Ant1	-57.54	-20	Pass
NVNT	b	2462	Ant1	-58.81	-20	Pass
NVNT	g	2412	Ant1	-53.28	-20	Pass
NVNT	g	2462	Ant1	-53.46	-20	Pass
NVNT	n20	2412	Ant1	-48.44	-20	Pass
NVNT	n20	2462	Ant1	-43.8	-20	Pass
NVNT	n40	2422	Ant1	-46.04	-20	Pass
NVNT	n40	2452	Ant1	-42.42	-20	Pass

Test Graphs

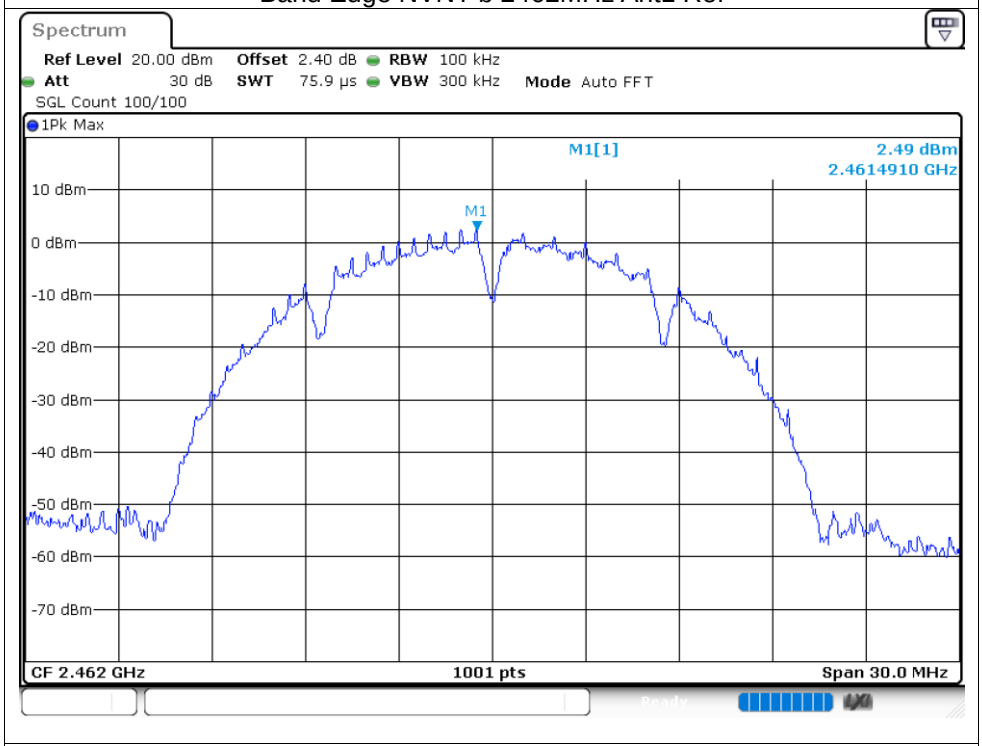
Band Edge NVNT b 2412MHz Ant1 Ref



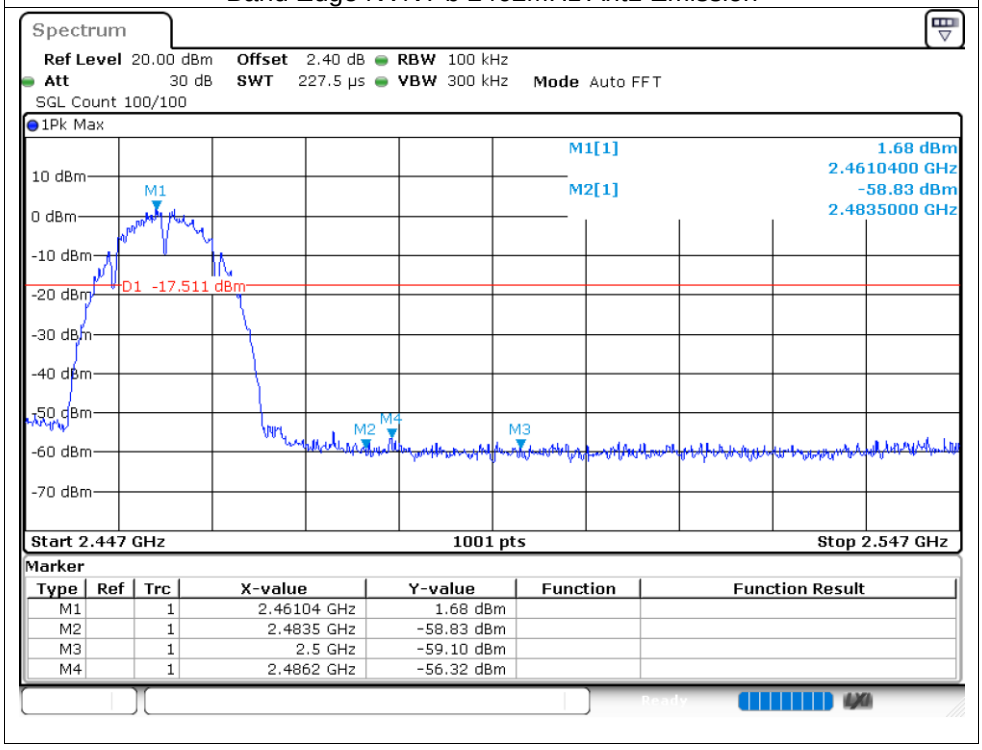
Band Edge NVNT b 2412MHz Ant1 Emission



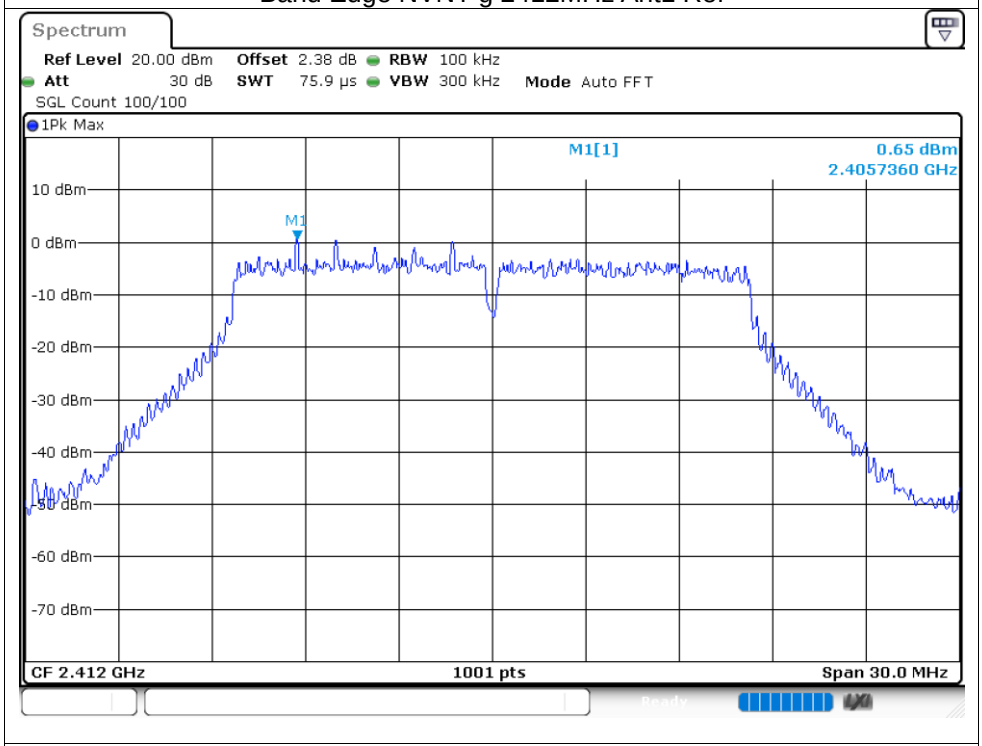
Band Edge NVNT b 2462MHz Ant1 Ref



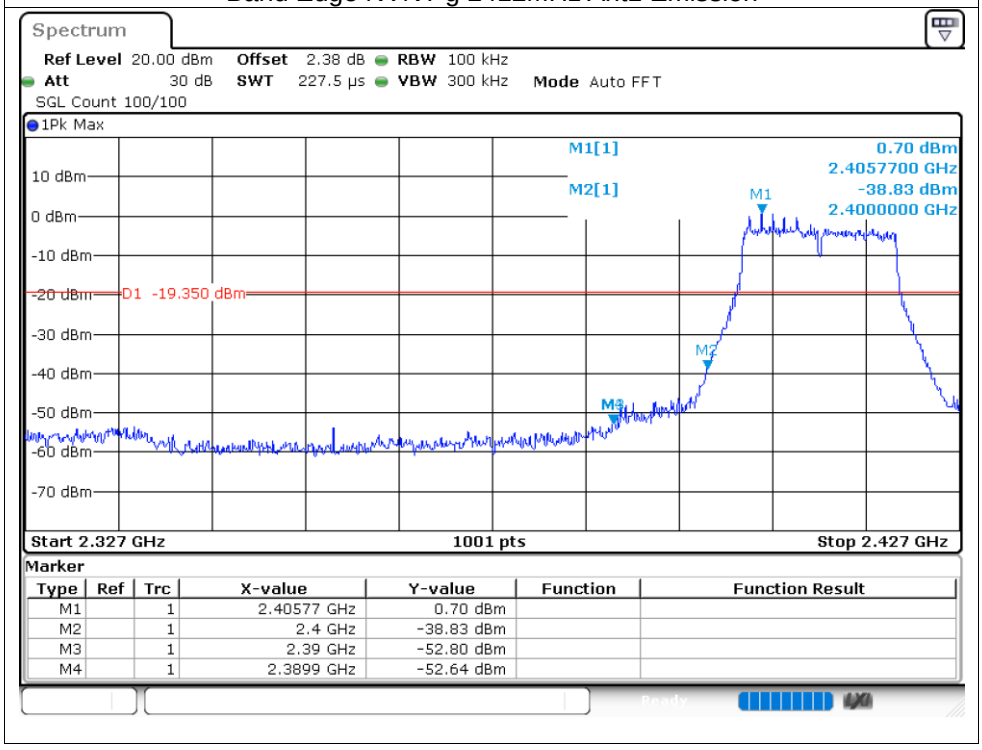
Band Edge NVNT b 2462MHz Ant1 Emission



Band Edge NVNT g 2412MHz Ant1 Ref

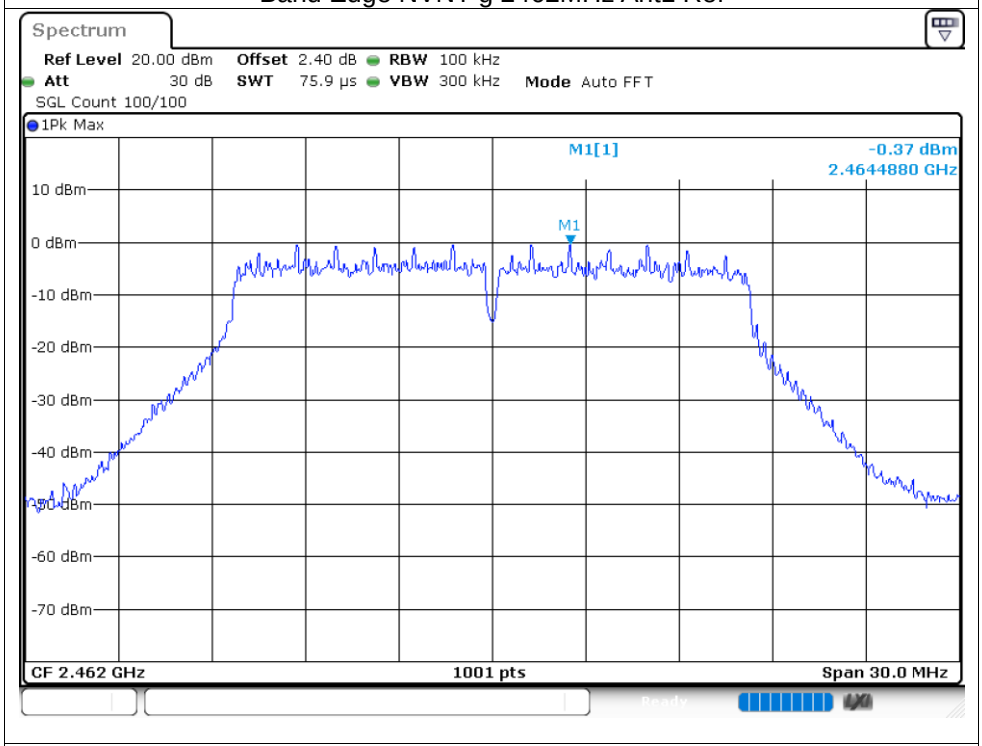


Band Edge NVNT g 2412MHz Ant1 Emission

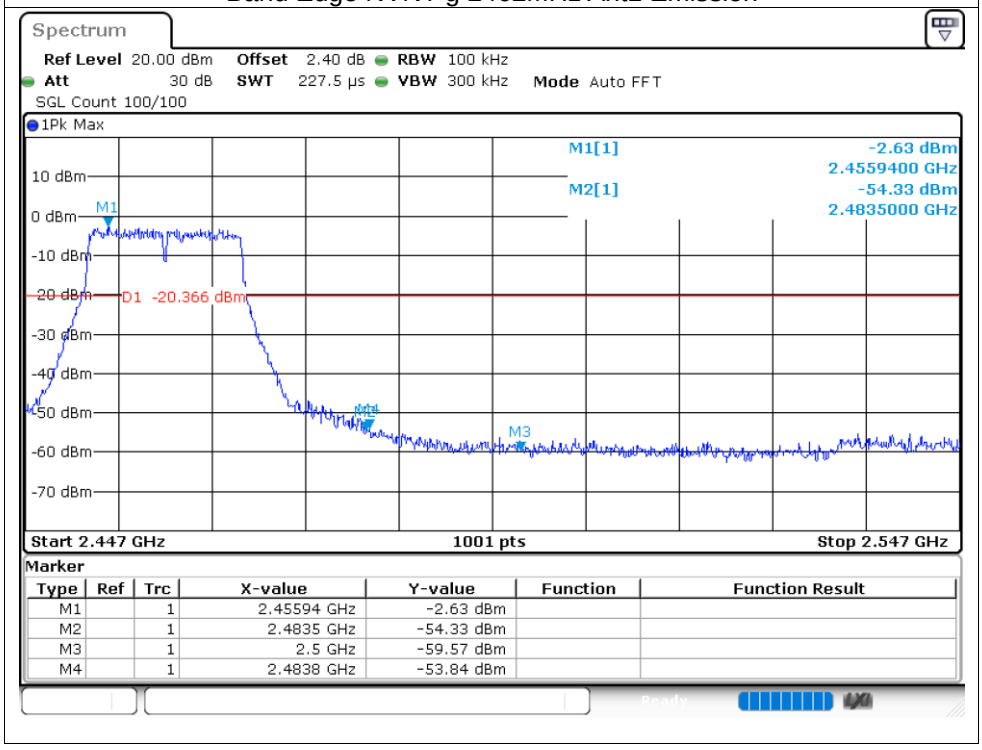


Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.40577 GHz	0.70 dBm		
M2		1	2.4 GHz	-38.83 dBm		
M3		1	2.39 GHz	-52.80 dBm		
M4		1	2.3899 GHz	-52.64 dBm		

Band Edge NVNT g 2462MHz Ant1 Ref



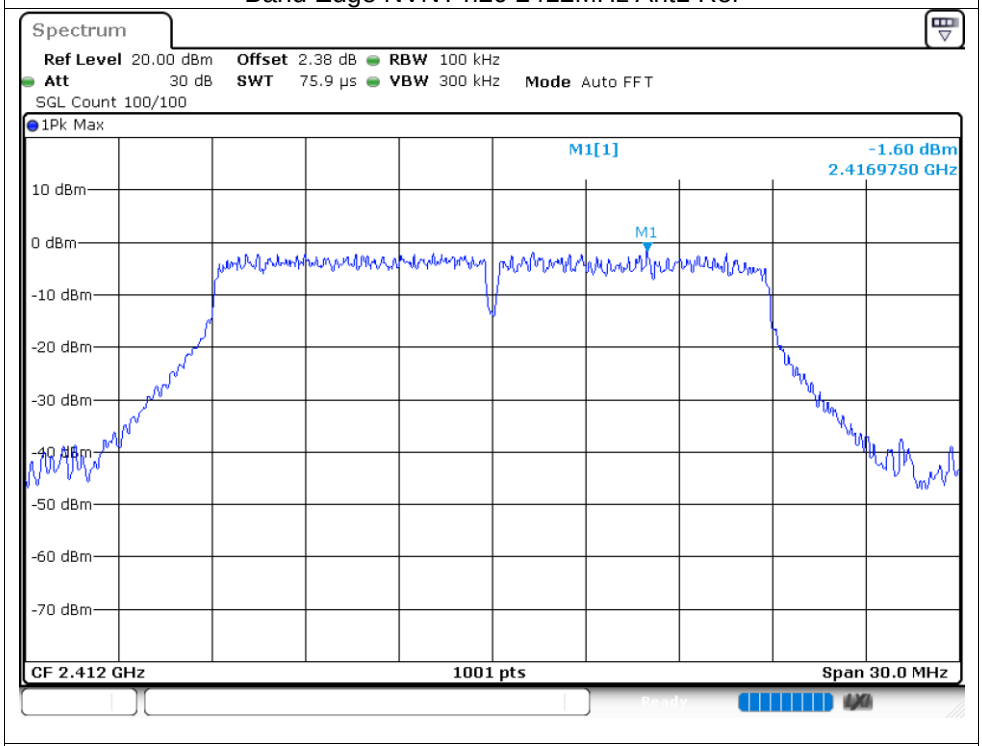
Band Edge NVNT g 2462MHz Ant1 Emission



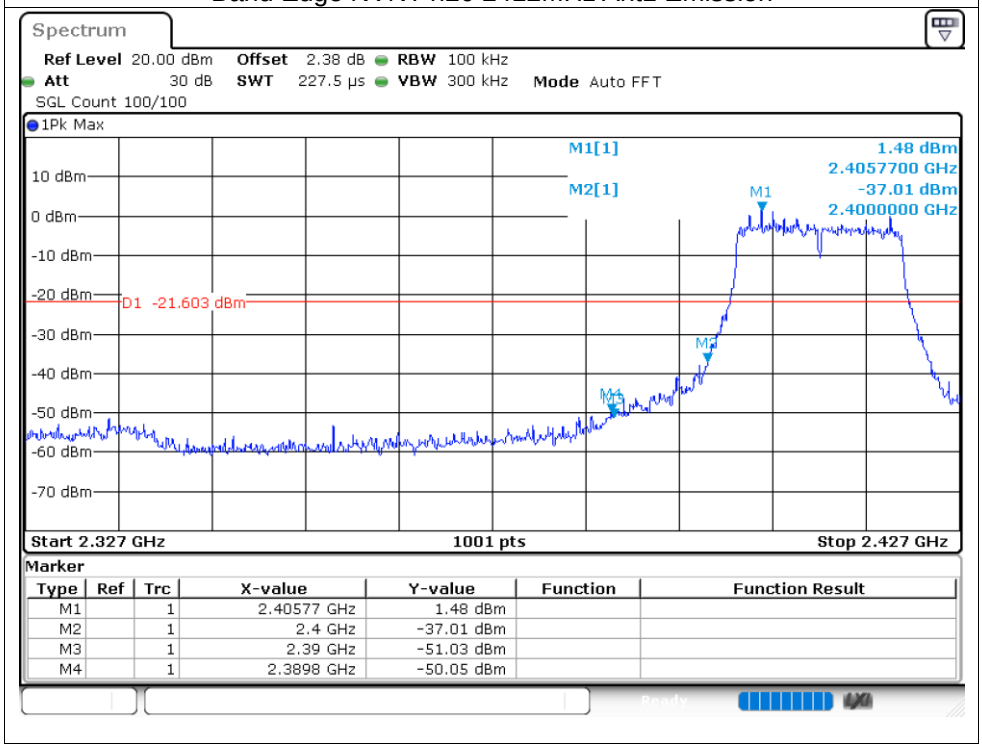
Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.45594 GHz	-2.63 dBm		
M2		1	2.4835 GHz	-54.33 dBm		
M3		1	2.5 GHz	-59.57 dBm		
M4		1	2.4838 GHz	-53.84 dBm		

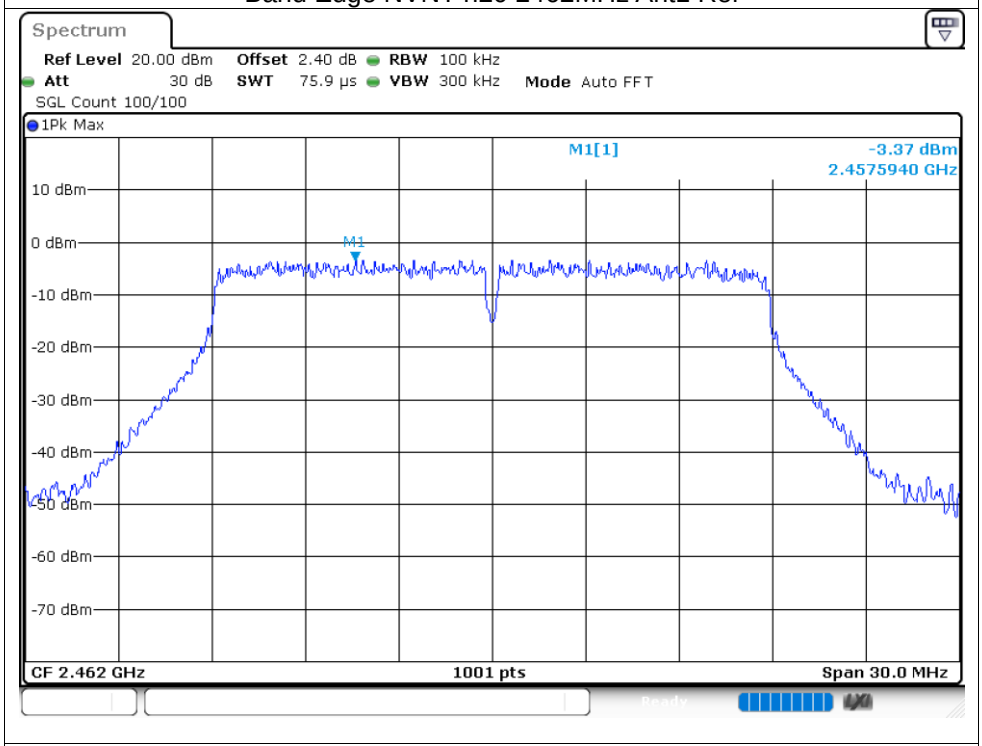
Band Edge NVNT n20 2412MHz Ant1 Ref



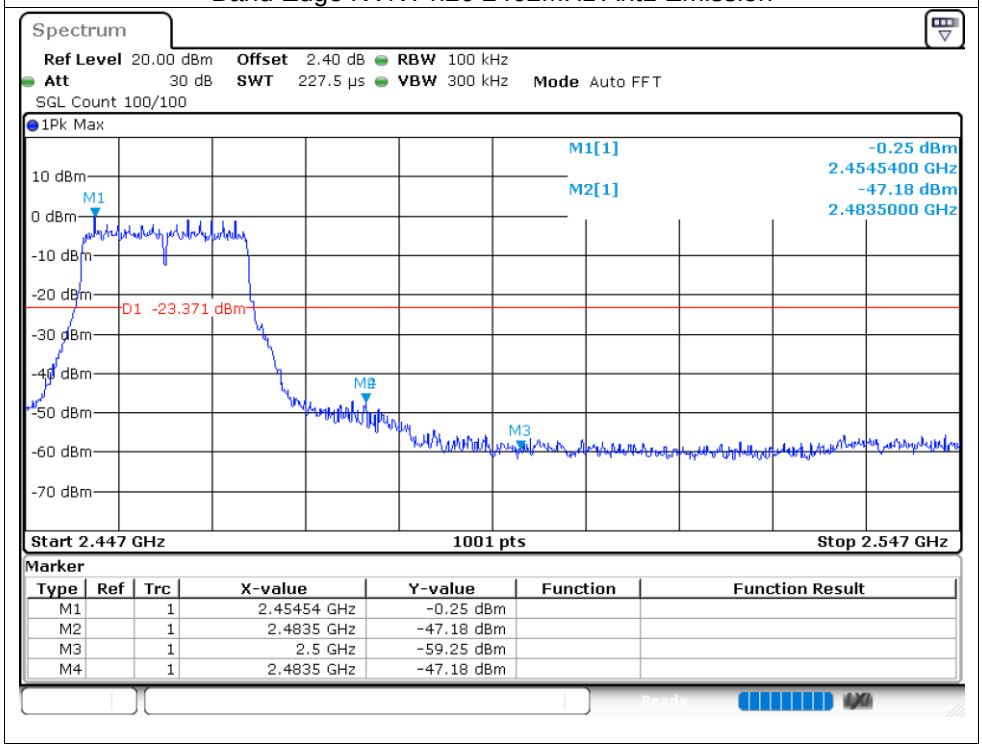
Band Edge NVNT n20 2412MHz Ant1 Emission



Band Edge NVNT n20 2462MHz Ant1 Ref

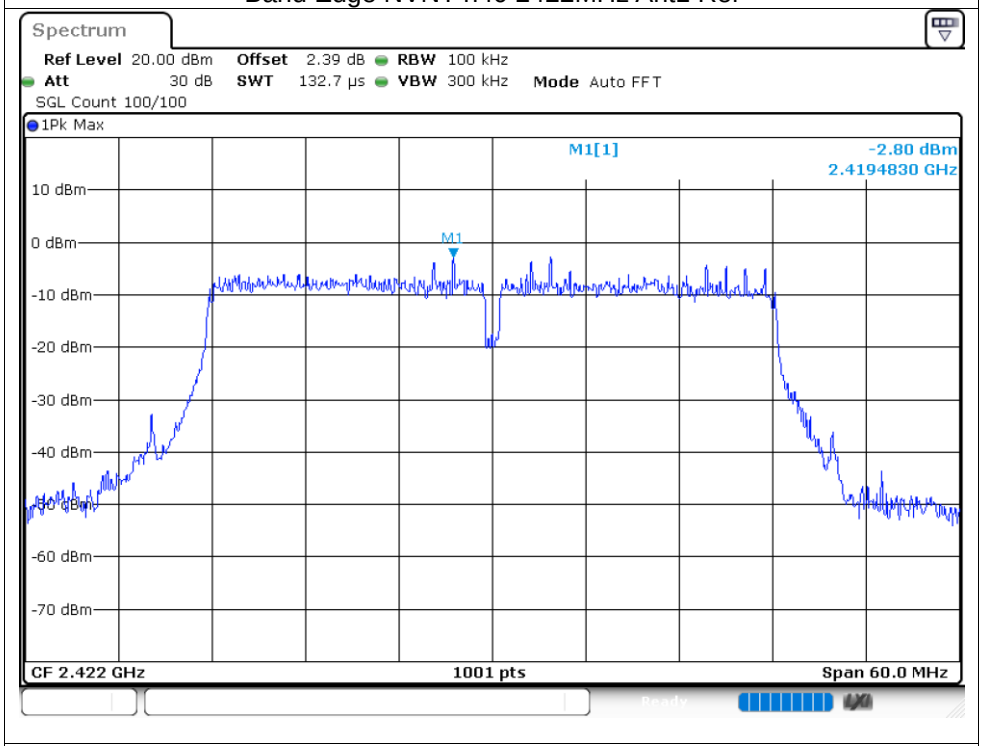


Band Edge NVNT n20 2462MHz Ant1 Emission

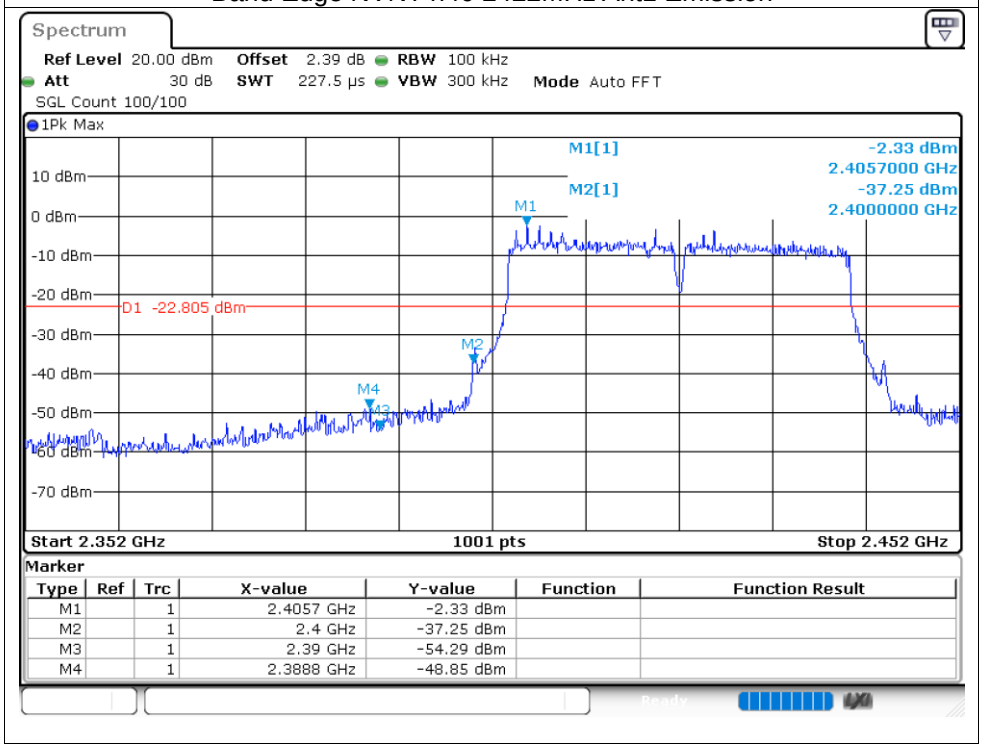


Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.45454 GHz	-0.25 dBm		
M2		1	2.4835 GHz	-47.18 dBm		
M3		1	2.5 GHz	-59.25 dBm		
M4		1	2.4835 GHz	-47.18 dBm		

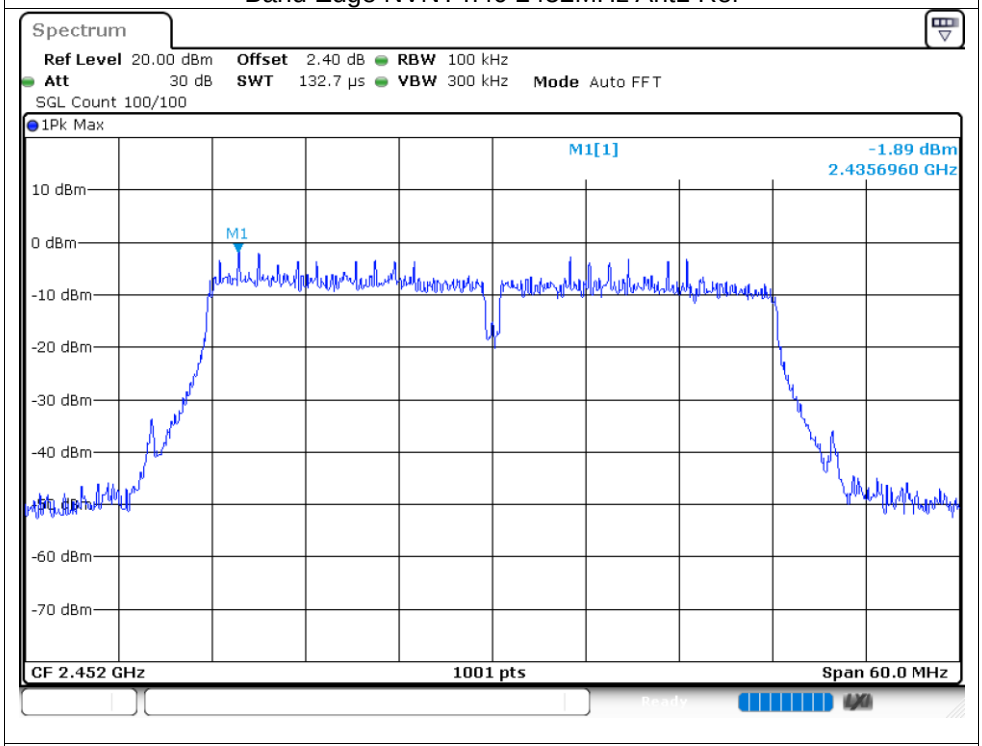
Band Edge NVNT n40 2422MHz Ant1 Ref



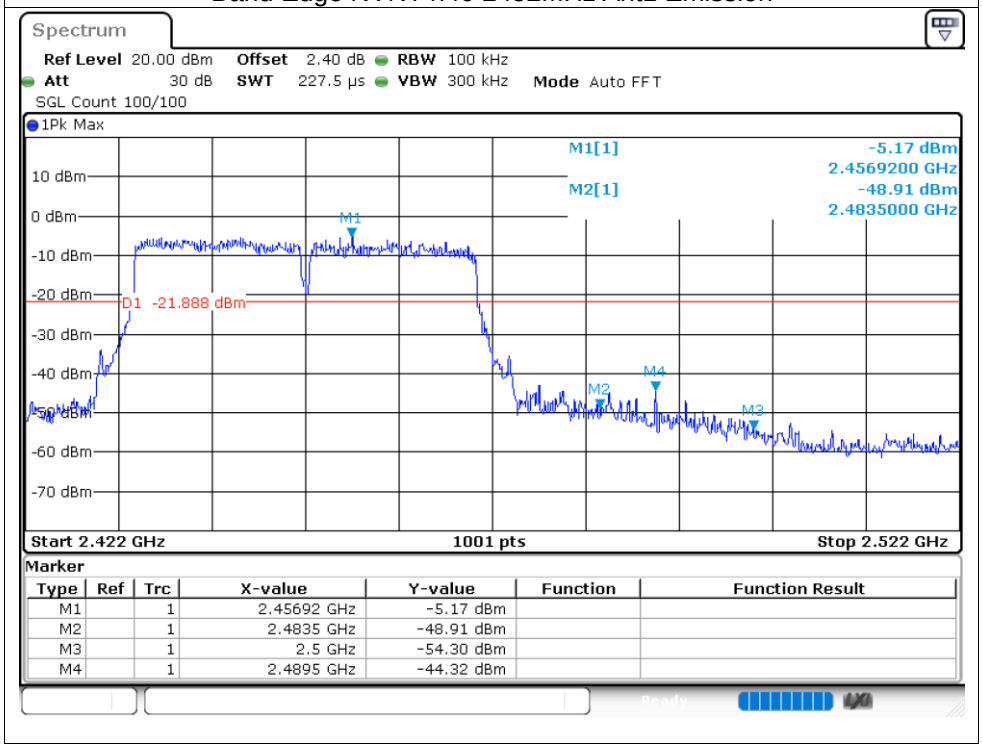
Band Edge NVNT n40 2422MHz Ant1 Emission



Band Edge NVNT n40 2452MHz Ant1 Ref



Band Edge NVNT n40 2452MHz Ant1 Emission

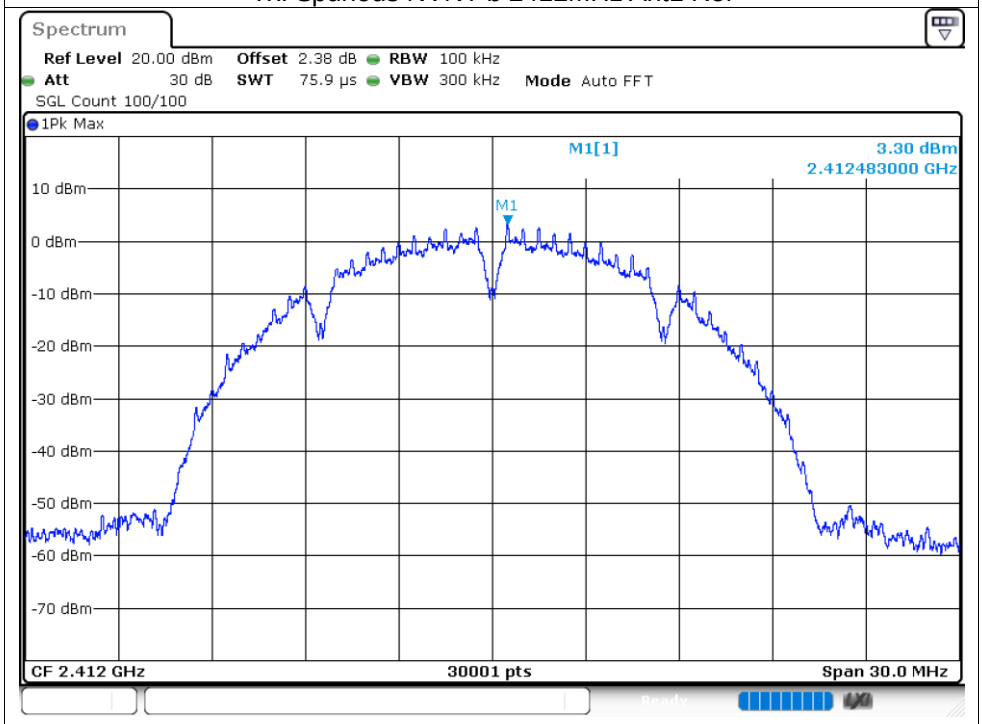


8.7 CONDUCTED RF SPURIOUS EMISSION

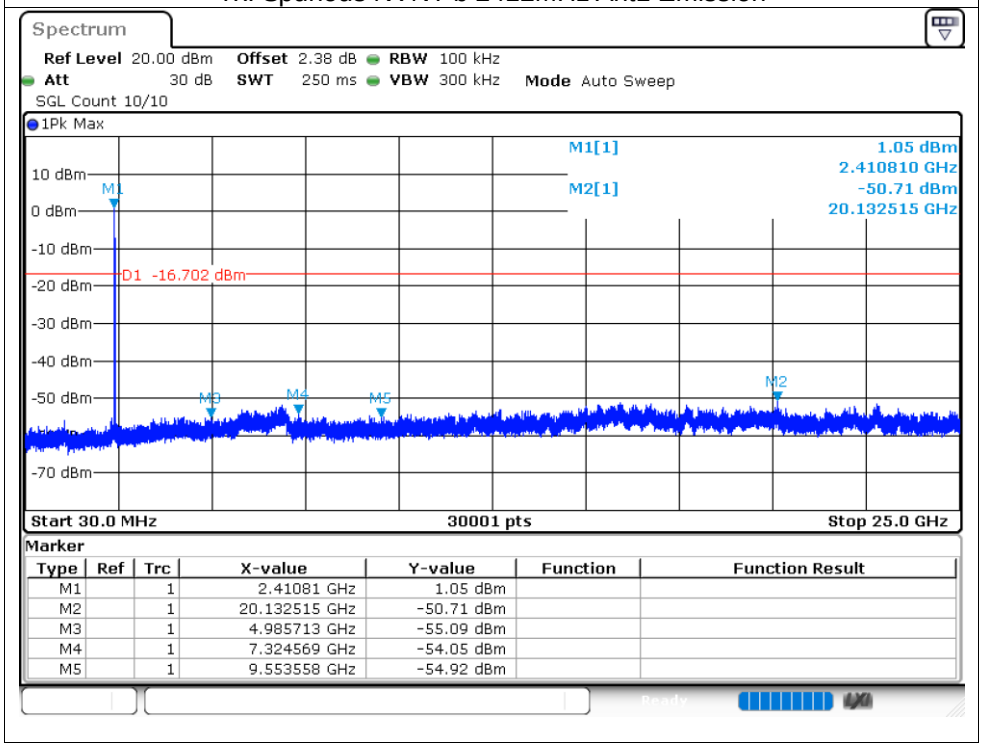
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	b	2412	Ant1	-54.01	-20	Pass
NVNT	b	2437	Ant1	-53.91	-20	Pass
NVNT	b	2462	Ant1	-53.81	-20	Pass
NVNT	g	2412	Ant1	-49.92	-20	Pass
NVNT	g	2437	Ant1	-48.32	-20	Pass
NVNT	g	2462	Ant1	-51.15	-20	Pass
NVNT	n20	2412	Ant1	-51.72	-20	Pass
NVNT	n20	2437	Ant1	-49.38	-20	Pass
NVNT	n20	2462	Ant1	-50.95	-20	Pass
NVNT	n40	2422	Ant1	-48.54	-20	Pass
NVNT	n40	2437	Ant1	-49.27	-20	Pass
NVNT	n40	2452	Ant1	-46.62	-20	Pass

Test Graphs

Tx. Spurious NVNT b 2412MHz Ant1 Ref



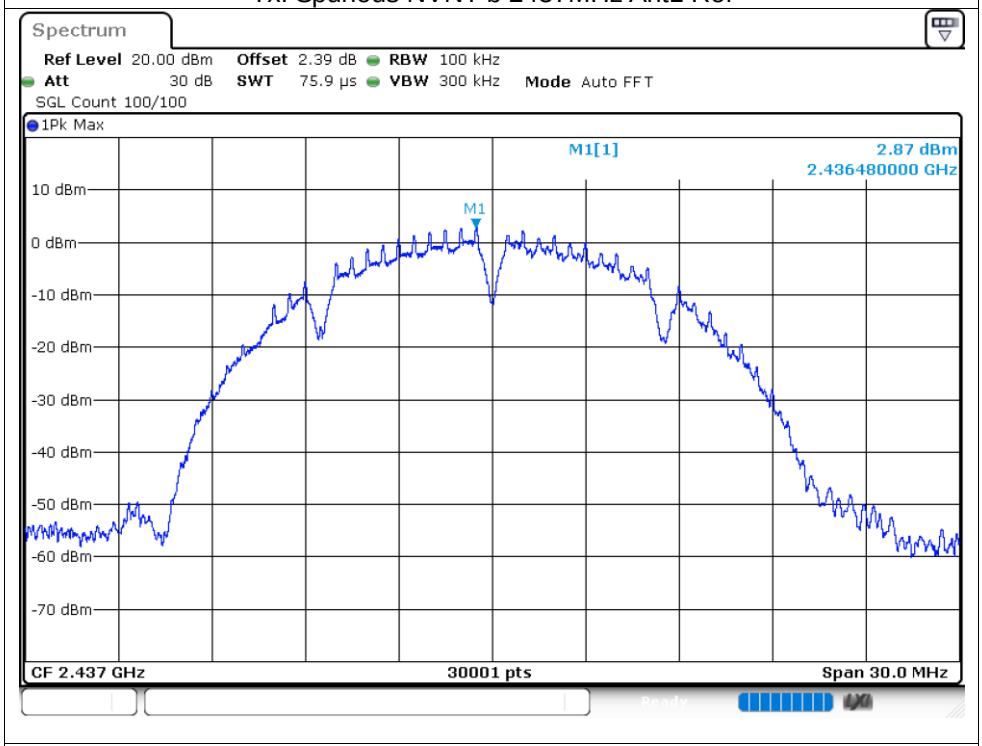
Tx. Spurious NVNT b 2412MHz Ant1 Emission



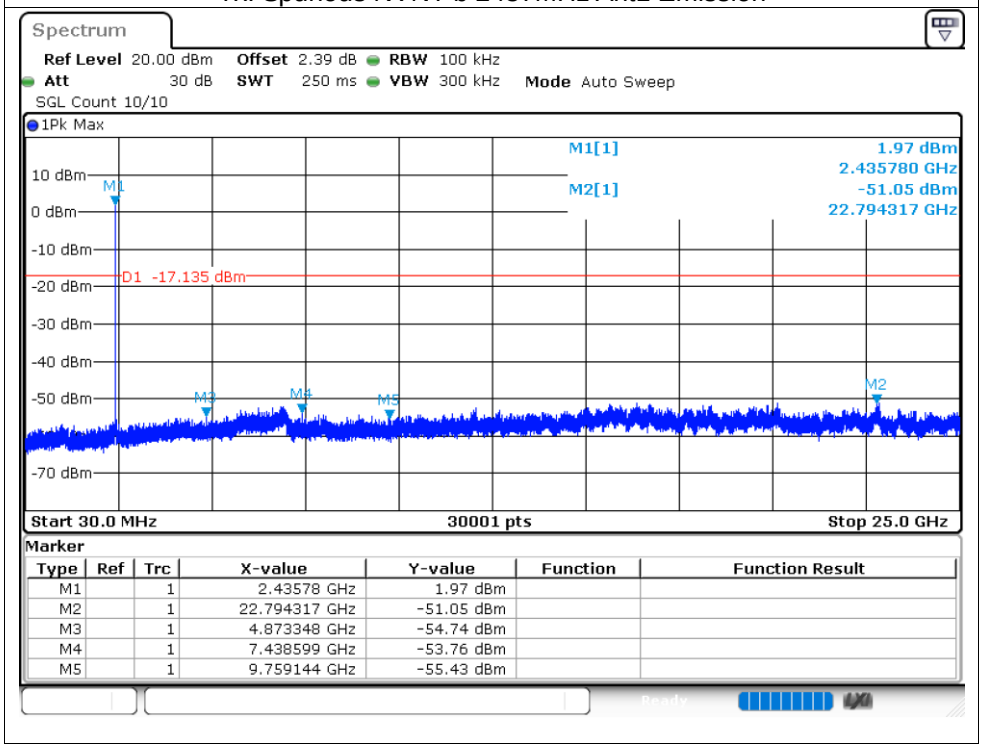
Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.41081 GHz	1.05 dBm		
M2		1	20.132515 GHz	-50.71 dBm		
M3		1	4.985713 GHz	-55.09 dBm		
M4		1	7.324569 GHz	-54.05 dBm		
M5		1	9.553558 GHz	-54.92 dBm		

Tx. Spurious NVNT b 2437MHz Ant1 Ref



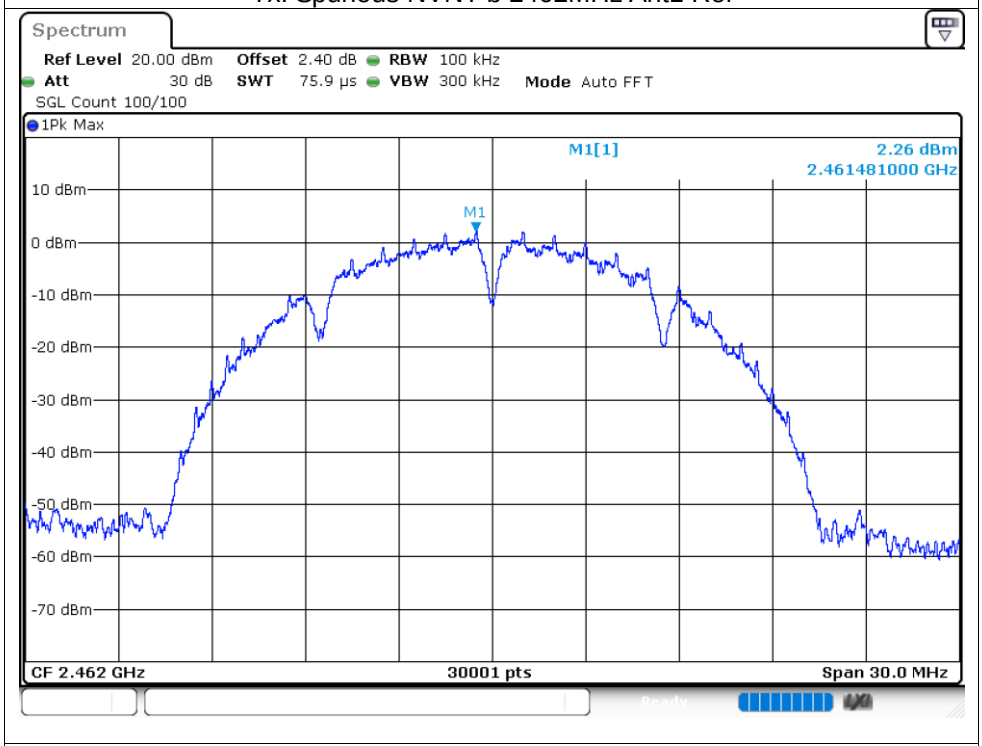
Tx. Spurious NVNT b 2437MHz Ant1 Emission



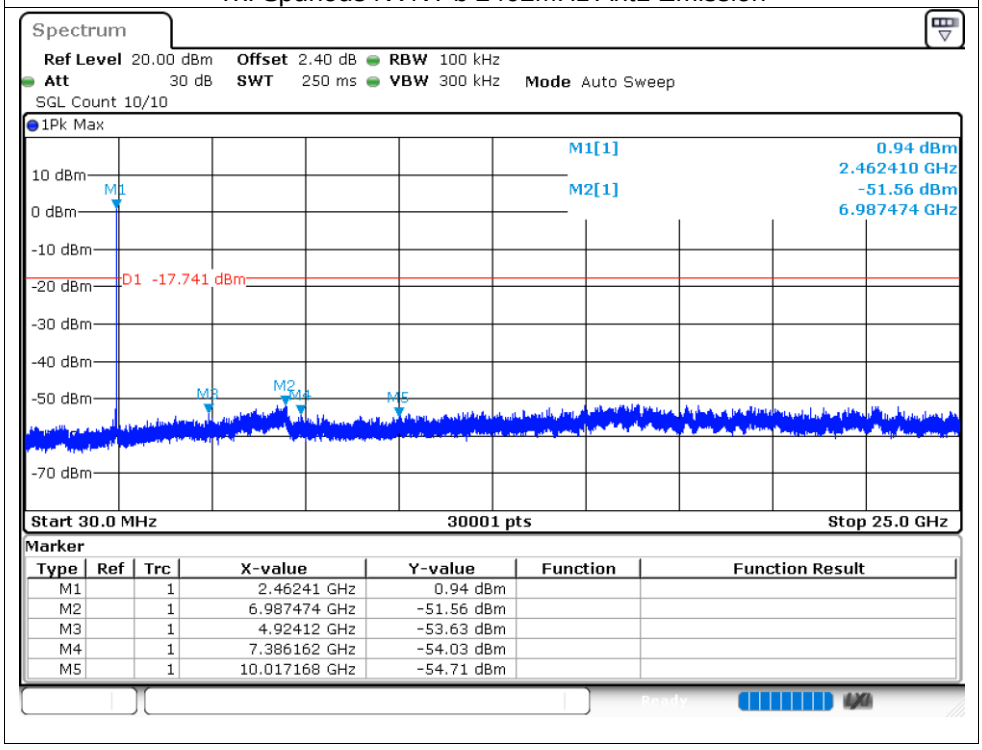
Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.43578 GHz	1.97 dBm		
M2		1	22.794317 GHz	-51.05 dBm		
M3		1	4.873348 GHz	-54.74 dBm		
M4		1	7.438599 GHz	-53.76 dBm		
M5		1	9.759144 GHz	-55.43 dBm		

Tx. Spurious NVNT b 2462MHz Ant1 Ref



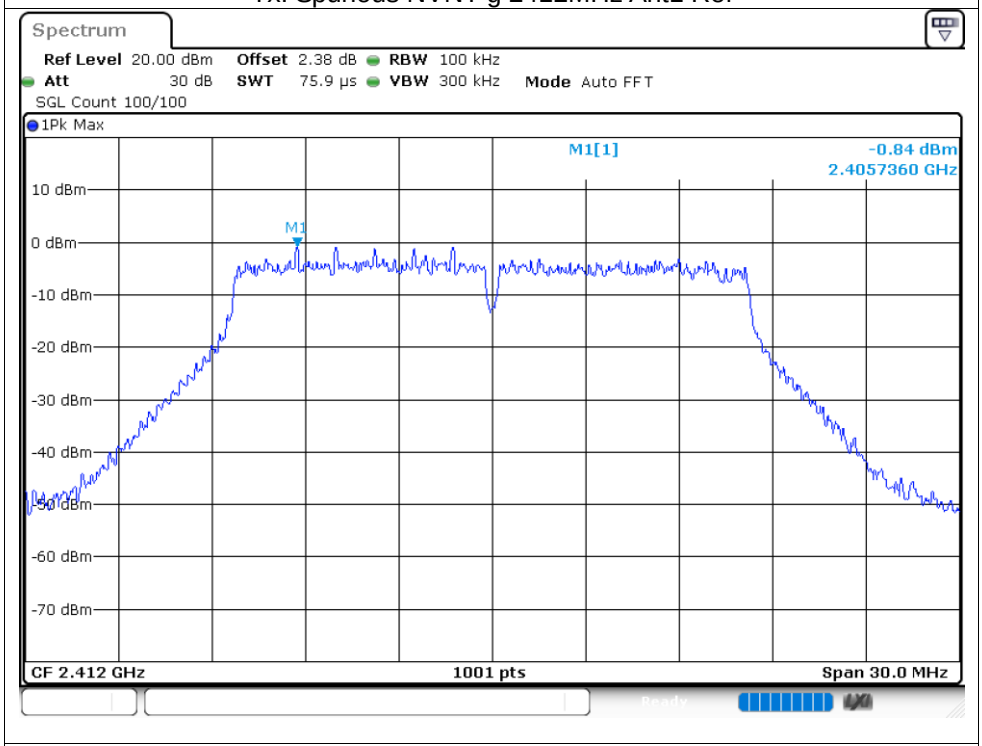
Tx. Spurious NVNT b 2462MHz Ant1 Emission



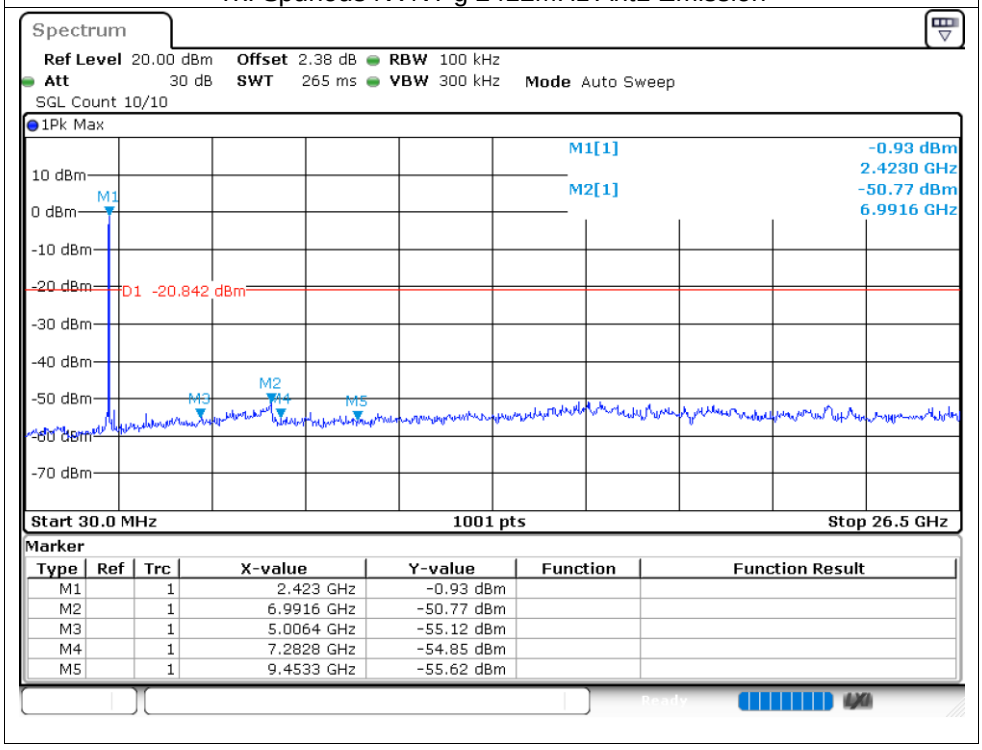
Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.46241 GHz	0.94 dBm		
M2		1	6.987474 GHz	-51.56 dBm		
M3		1	4.92412 GHz	-53.63 dBm		
M4		1	7.386162 GHz	-54.03 dBm		
M5		1	10.017168 GHz	-54.71 dBm		

Tx. Spurious NVNT g 2412MHz Ant1 Ref



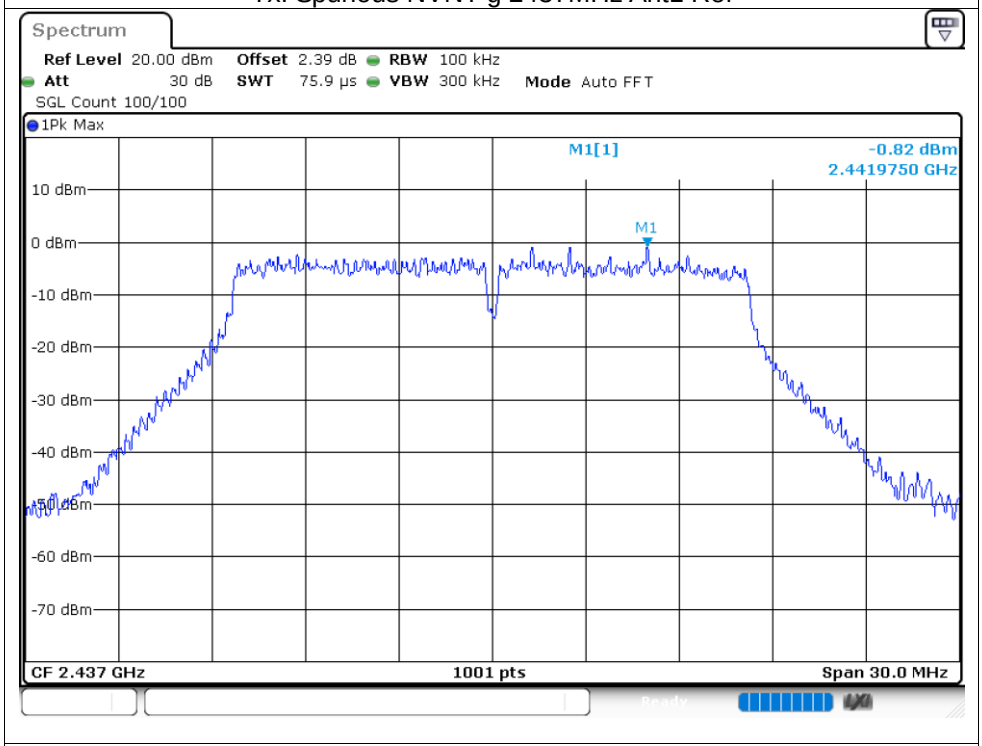
Tx. Spurious NVNT g 2412MHz Ant1 Emission



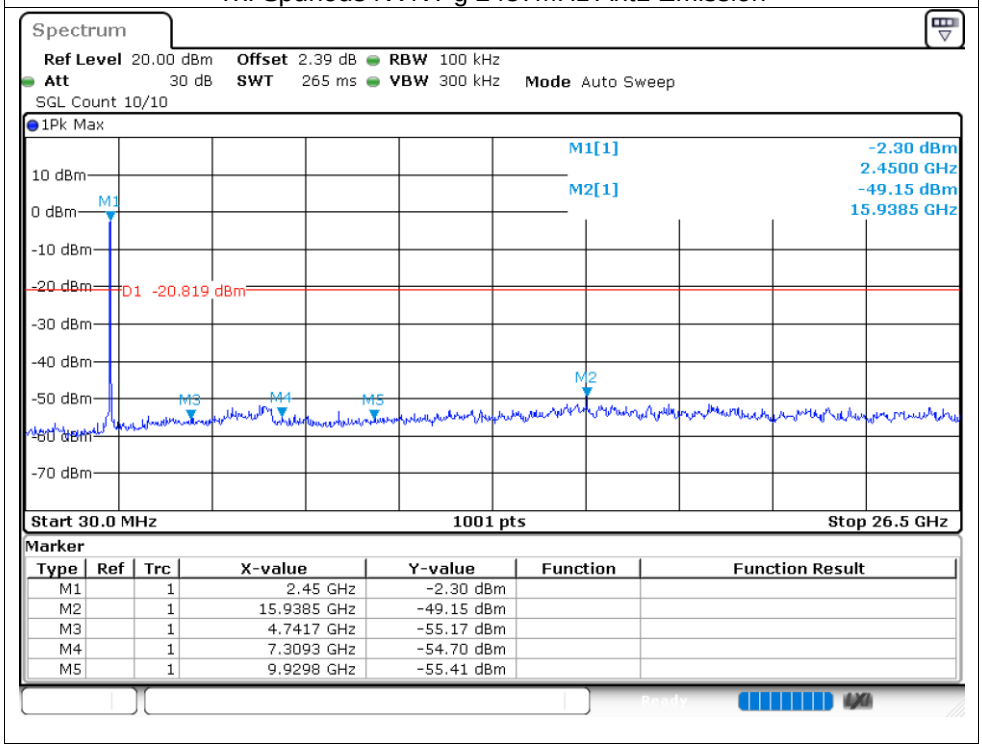
Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.423 GHz	-0.93 dBm		
M2		1	6.9916 GHz	-50.77 dBm		
M3		1	5.0064 GHz	-55.12 dBm		
M4		1	7.2828 GHz	-54.85 dBm		
M5		1	9.4533 GHz	-55.62 dBm		

Tx. Spurious NVNT g 2437MHz Ant1 Ref



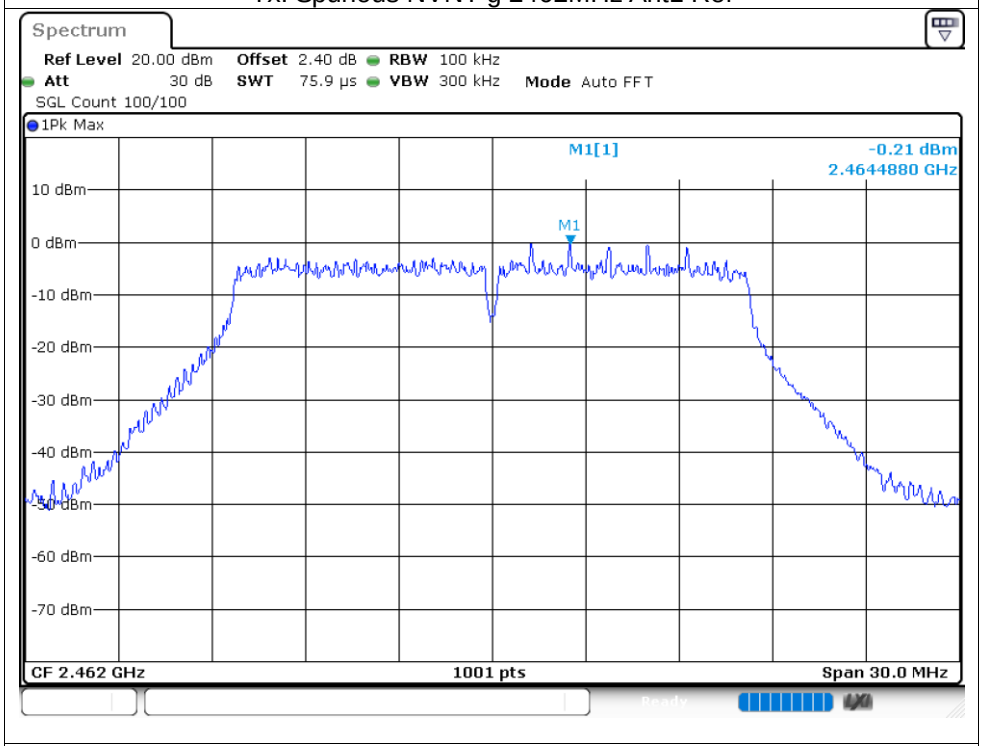
Tx. Spurious NVNT g 2437MHz Ant1 Emission



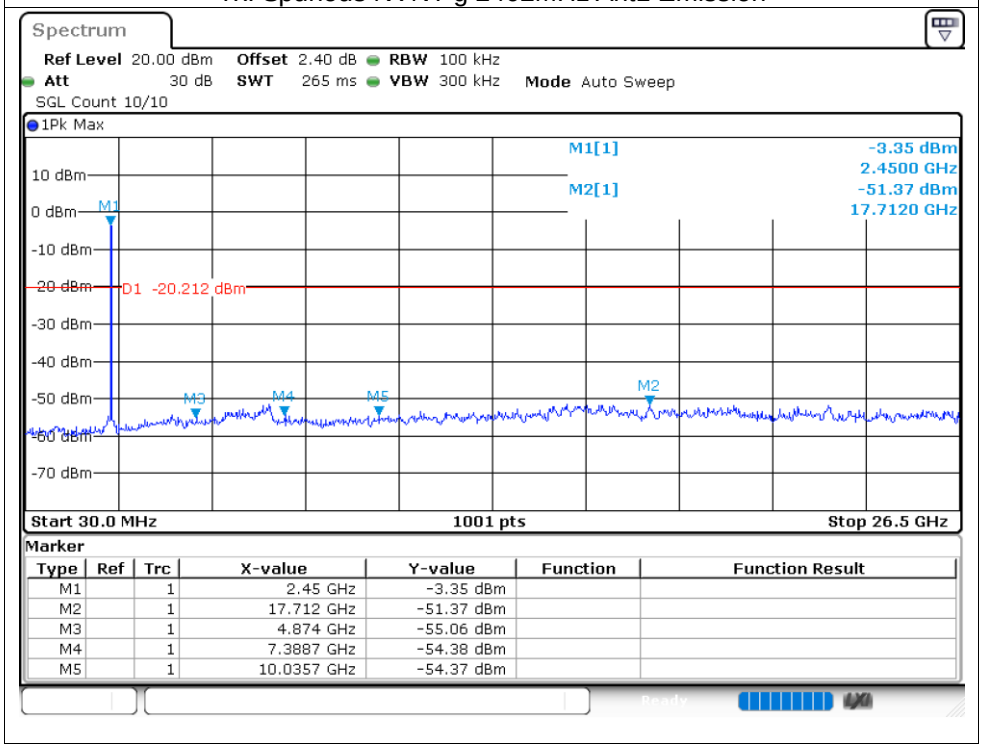
Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.45 GHz	-2.30 dBm		
M2		1	15.9385 GHz	-49.15 dBm		
M3		1	4.7417 GHz	-55.17 dBm		
M4		1	7.3093 GHz	-54.70 dBm		
M5		1	9.9298 GHz	-55.41 dBm		

Tx. Spurious NVNT g 2462MHz Ant1 Ref



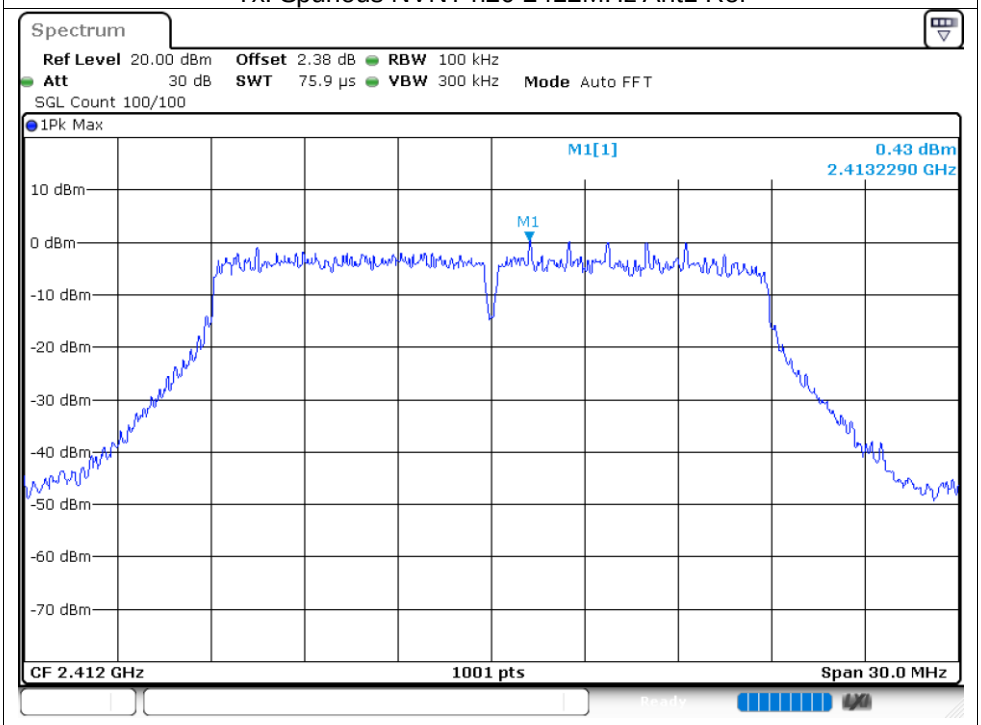
Tx. Spurious NVNT g 2462MHz Ant1 Emission



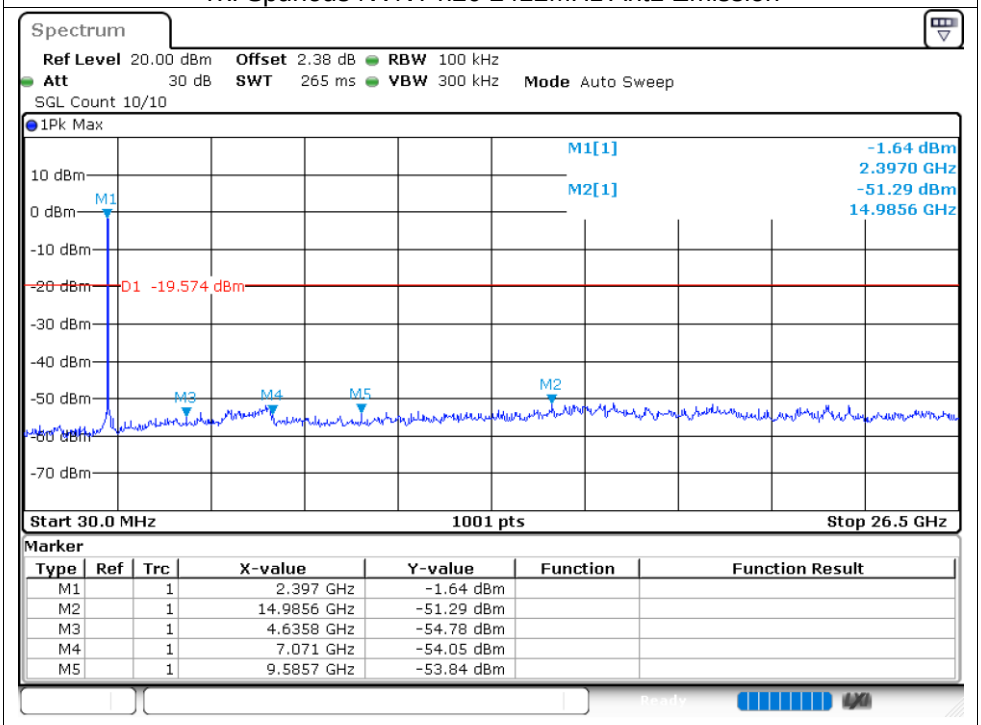
Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.45 GHz	-3.35 dBm		
M2		1	17.712 GHz	-51.37 dBm		
M3		1	4.874 GHz	-55.06 dBm		
M4		1	7.3887 GHz	-54.38 dBm		
M5		1	10.0357 GHz	-54.37 dBm		

Tx. Spurious NVNT n20 2412MHz Ant1 Ref



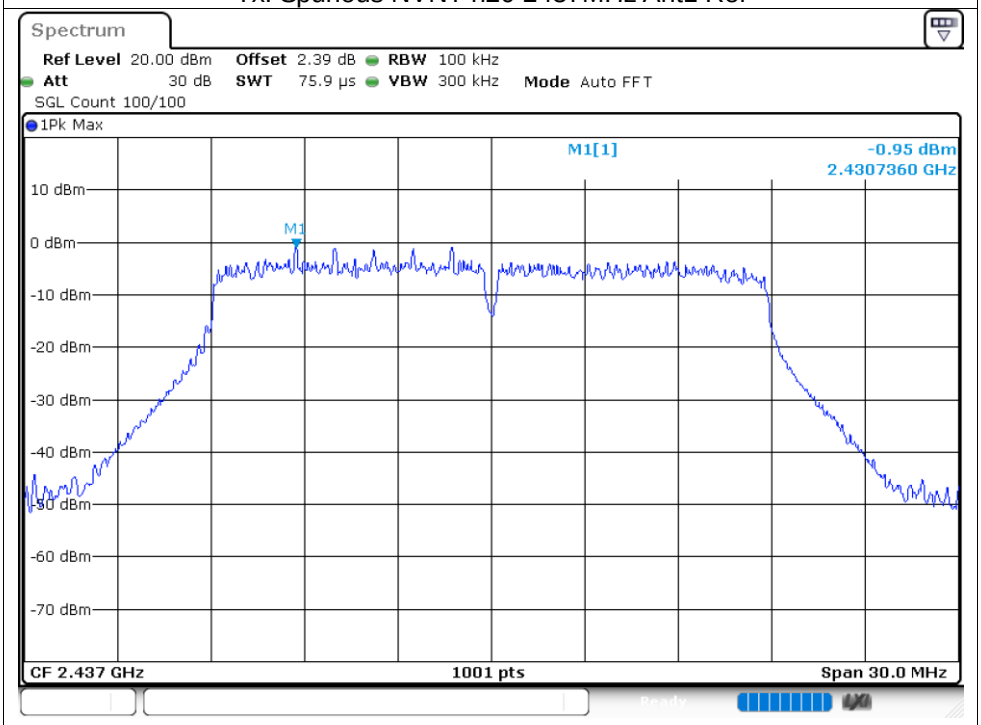
Tx. Spurious NVNT n20 2412MHz Ant1 Emission



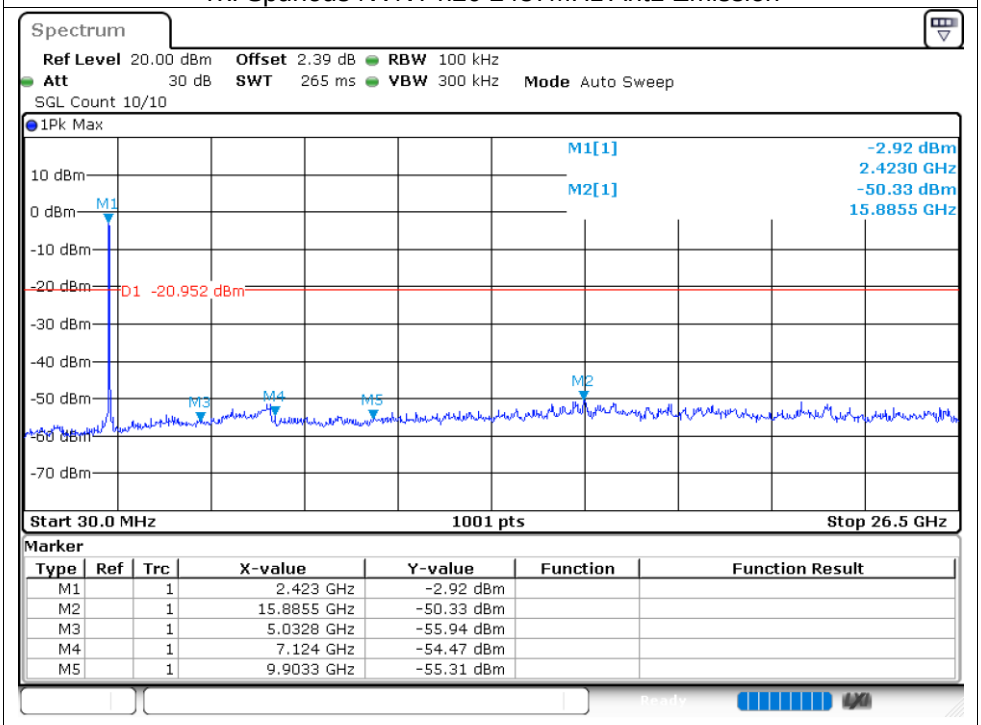
Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.397 GHz	-1.64 dBm		
M2		1	14.9856 GHz	-51.29 dBm		
M3		1	4.6358 GHz	-54.78 dBm		
M4		1	7.071 GHz	-54.05 dBm		
M5		1	9.5857 GHz	-53.84 dBm		

Tx. Spurious NVNT n20 2437MHz Ant1 Ref



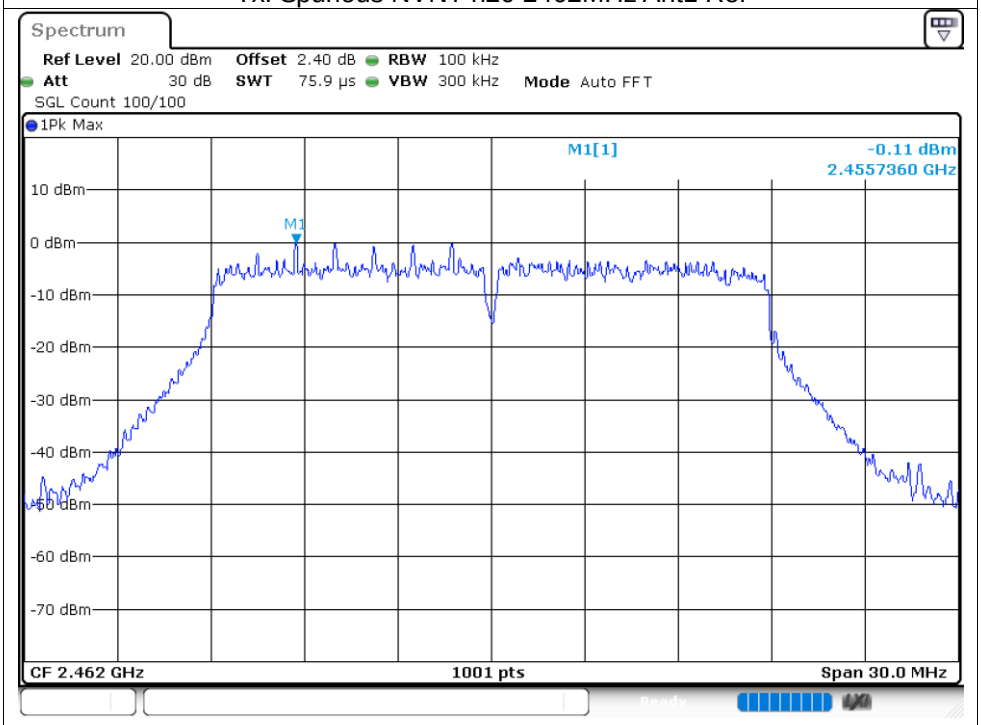
Tx. Spurious NVNT n20 2437MHz Ant1 Emission



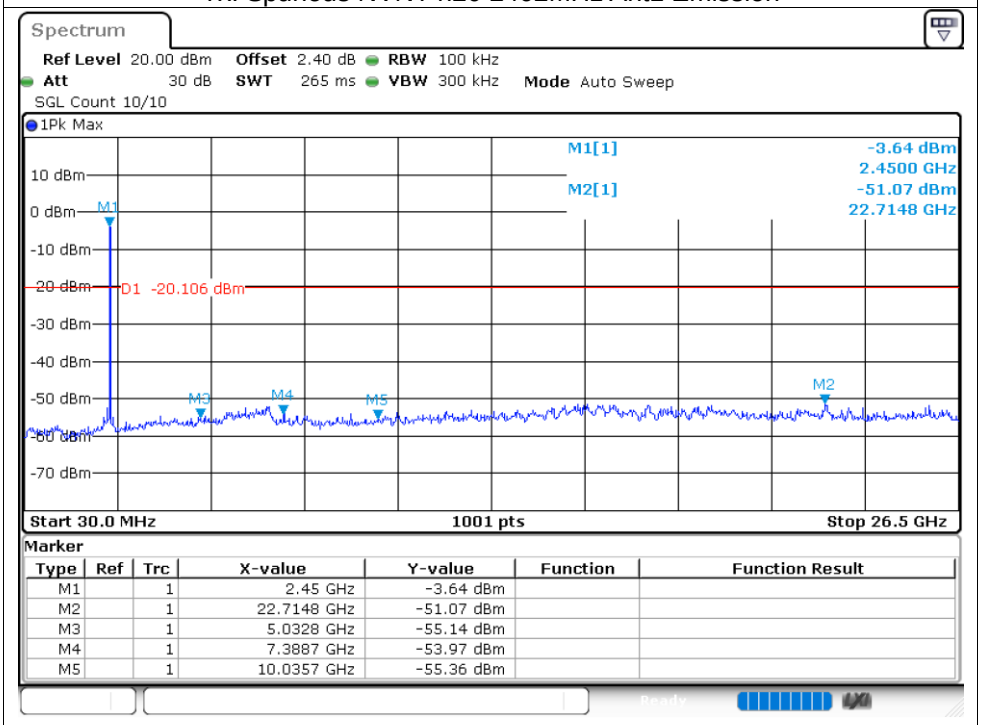
Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.423 GHz	-2.92 dBm		
M2		1	15.8855 GHz	-50.33 dBm		
M3		1	5.0328 GHz	-55.94 dBm		
M4		1	7.124 GHz	-54.47 dBm		
M5		1	9.9033 GHz	-55.31 dBm		

Tx. Spurious NVNT n20 2462MHz Ant1 Ref



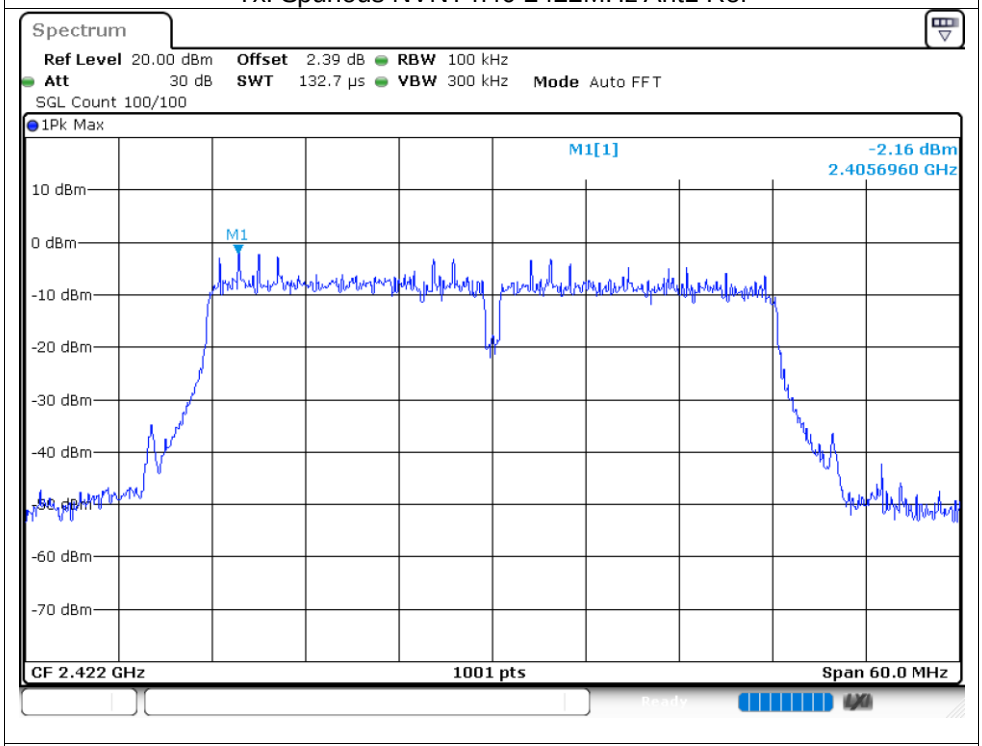
Tx. Spurious NVNT n20 2462MHz Ant1 Emission



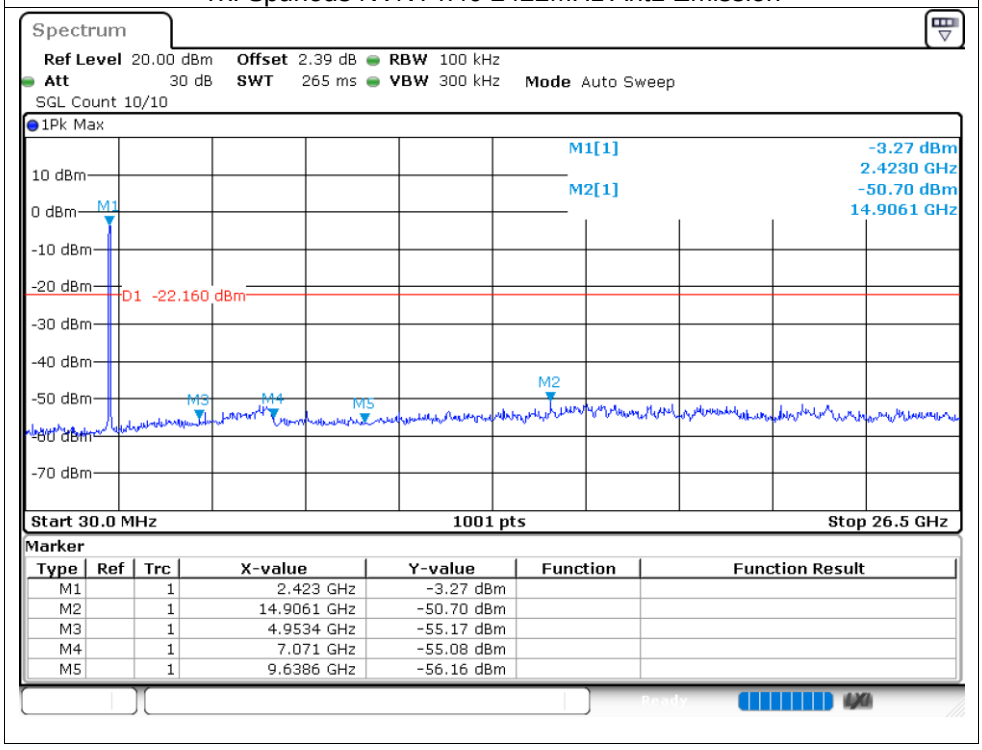
Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.45 GHz	-3.64 dBm		
M2		1	22.7148 GHz	-51.07 dBm		
M3		1	5.0328 GHz	-55.14 dBm		
M4		1	7.3887 GHz	-53.97 dBm		
M5		1	10.0357 GHz	-55.36 dBm		

Tx. Spurious NVNT n40 2422MHz Ant1 Ref



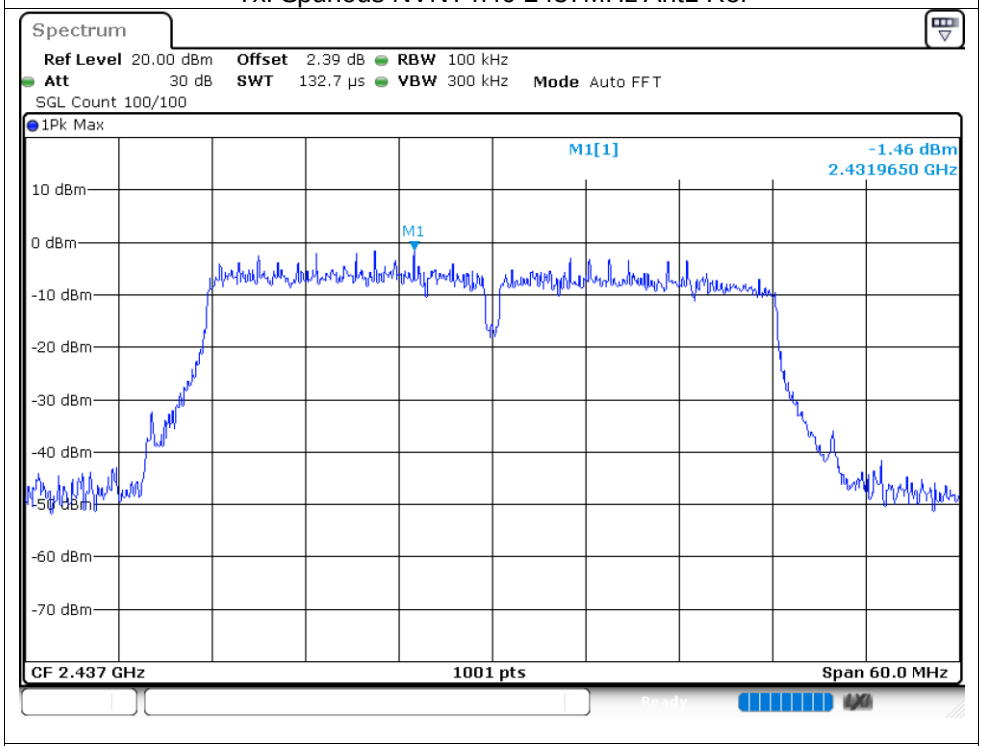
Tx. Spurious NVNT n40 2422MHz Ant1 Emission



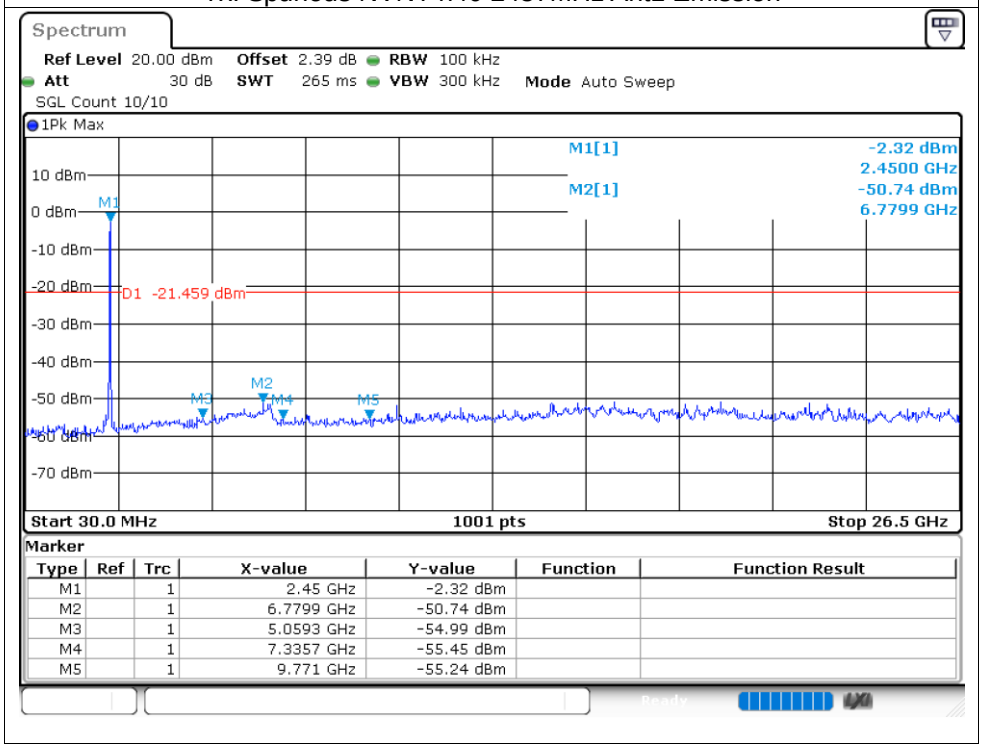
Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.423 GHz	-3.27 dBm		
M2		1	14.9061 GHz	-50.70 dBm		
M3		1	4.9534 GHz	-55.17 dBm		
M4		1	7.071 GHz	-55.08 dBm		
M5		1	9.6386 GHz	-56.16 dBm		

Tx. Spurious NVNT n40 2437MHz Ant1 Ref



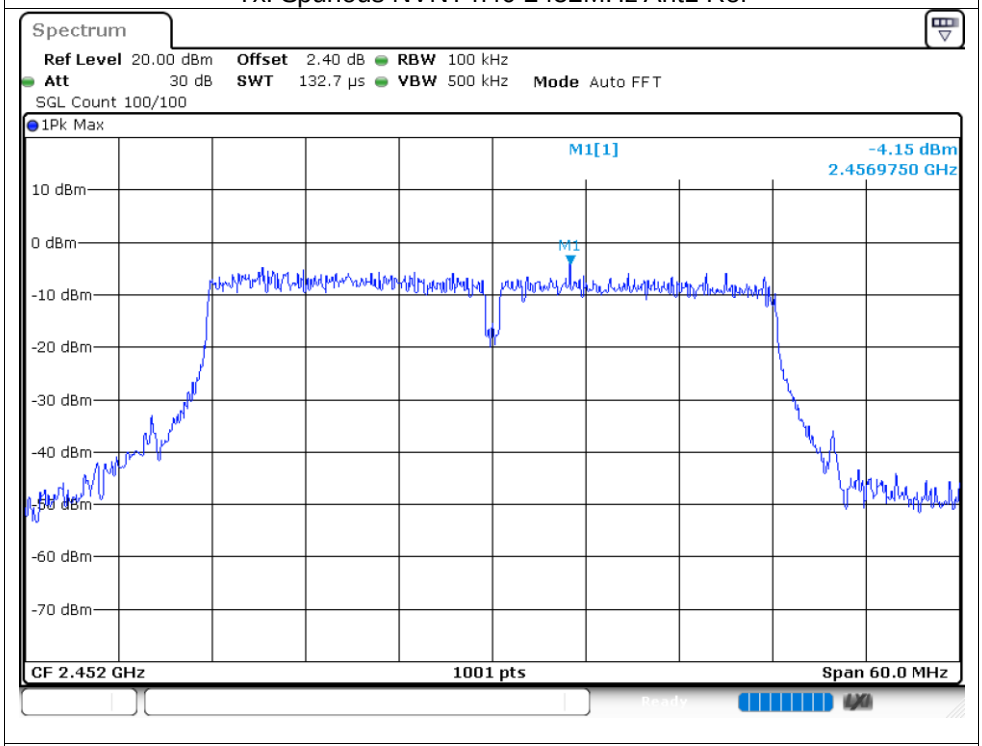
Tx. Spurious NVNT n40 2437MHz Ant1 Emission



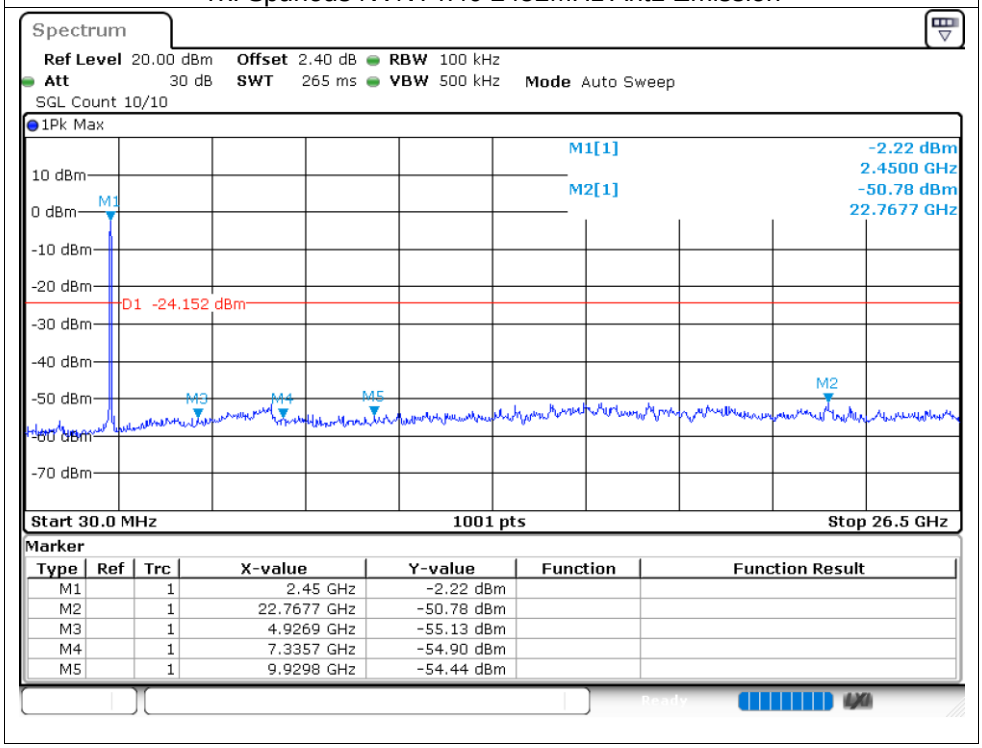
Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.45 GHz	-2.32 dBm		
M2		1	6.7799 GHz	-50.74 dBm		
M3		1	5.0593 GHz	-54.99 dBm		
M4		1	7.3357 GHz	-55.45 dBm		
M5		1	9.771 GHz	-55.24 dBm		

Tx. Spurious NVNT n40 2452MHz Ant1 Ref



Tx. Spurious NVNT n40 2452MHz Ant1 Emission



Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.45 GHz	-2.22 dBm		
M2		1	22.7677 GHz	-50.78 dBm		
M3		1	4.9269 GHz	-55.13 dBm		
M4		1	7.3357 GHz	-54.90 dBm		
M5		1	9.9298 GHz	-54.44 dBm		

END OF REPORT