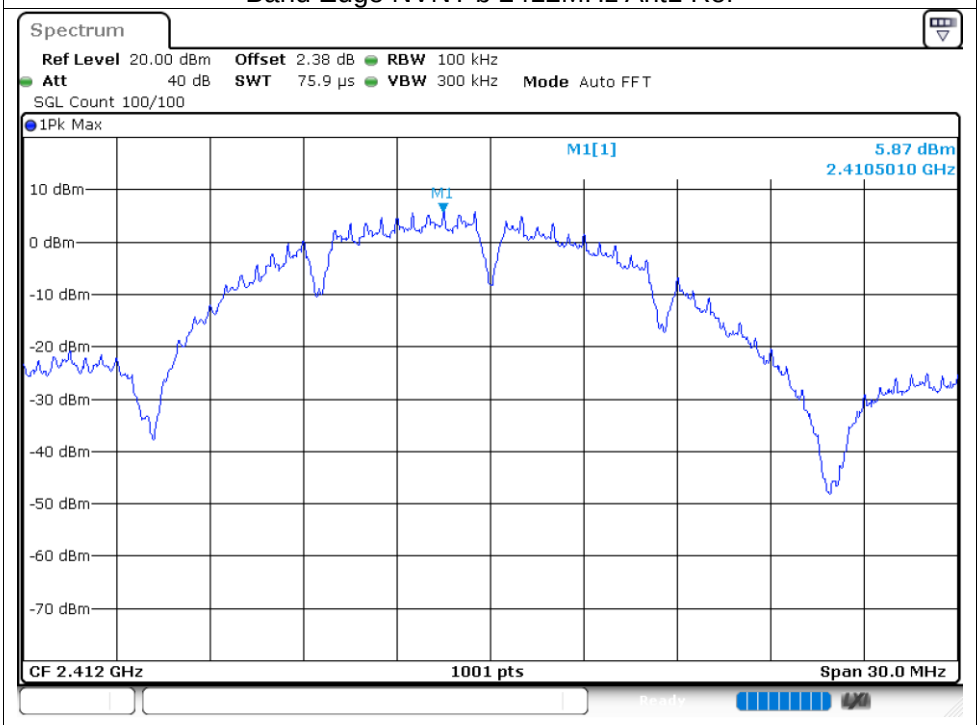
8.6 BAND EDGE

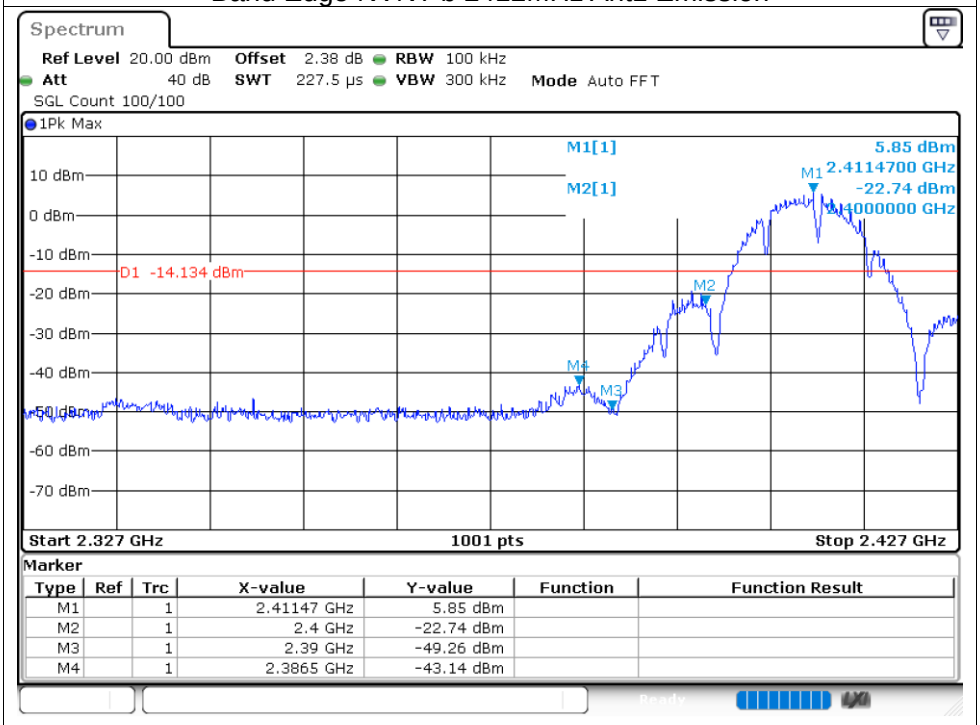
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	b	2412	Ant1	-49.01	-20	Pass
NVNT	b	2462	Ant1	-55.93	-20	Pass
NVNT	g	2412	Ant1	-38.11	-20	Pass
NVNT	g	2462	Ant1	-46.42	-20	Pass
NVNT	n20	2412	Ant1	-42.76	-20	Pass
NVNT	n20	2462	Ant1	-45.56	-20	Pass
NVNT	n40	2422	Ant1	-30.14	-20	Pass
NVNT	n40	2452	Ant1	-45.98	-20	Pass

Test Graphs

Band Edge NVNT b 2412MHz Ant1 Ref



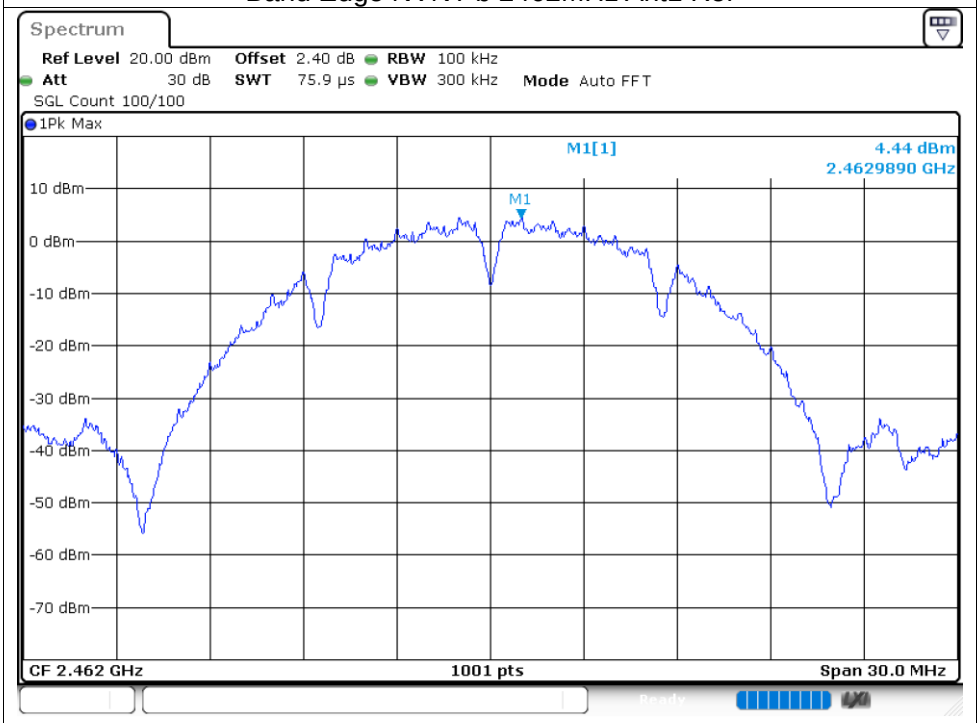
Band Edge NVNT b 2412MHz Ant1 Emission



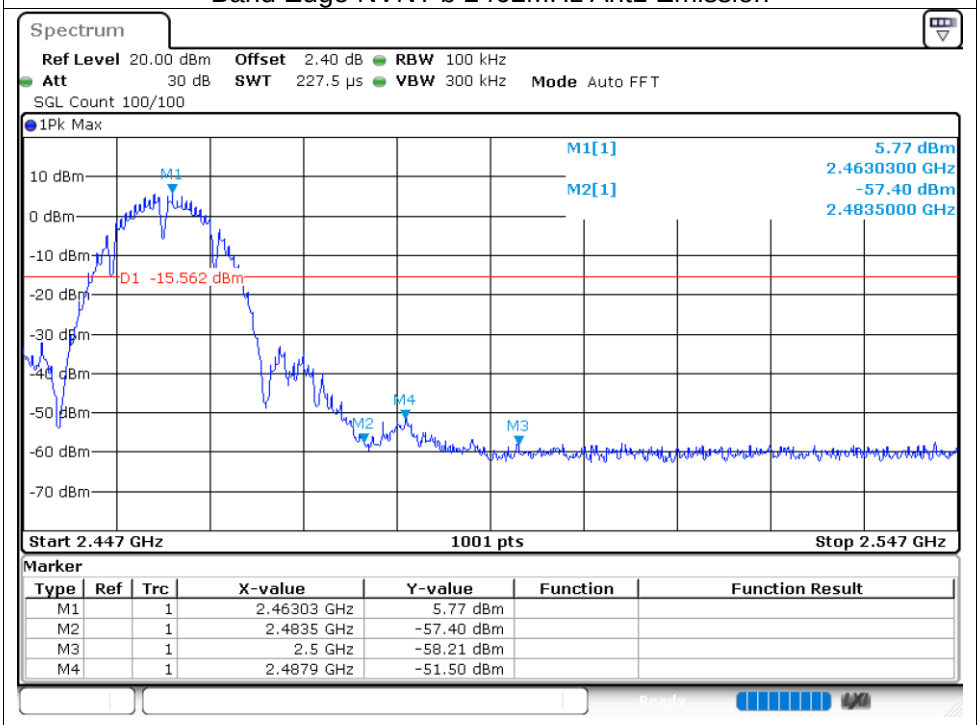
Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.41147 GHz	5.85 dBm		
M2		1	2.4 GHz	-22.74 dBm		
M3		1	2.39 GHz	-49.26 dBm		
M4		1	2.3865 GHz	-43.14 dBm		

Band Edge NVNT b 2462MHz Ant1 Ref



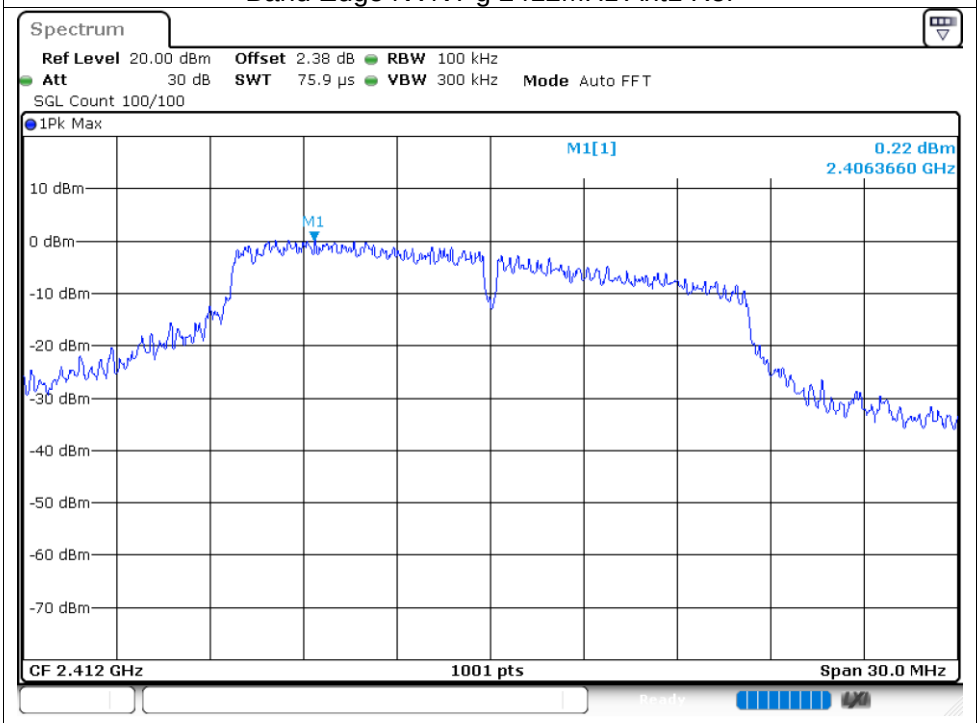
Band Edge NVNT b 2462MHz Ant1 Emission



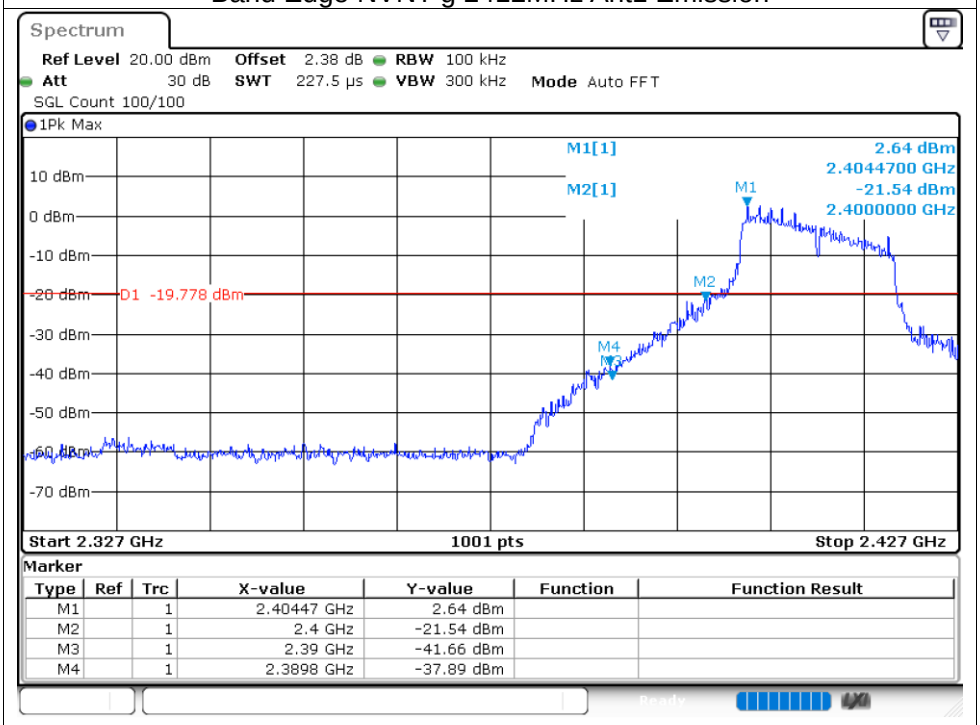
Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.46303 GHz	5.77 dBm		
M2		1	2.4835 GHz	-57.40 dBm		
M3		1	2.5 GHz	-58.21 dBm		
M4		1	2.4879 GHz	-51.50 dBm		

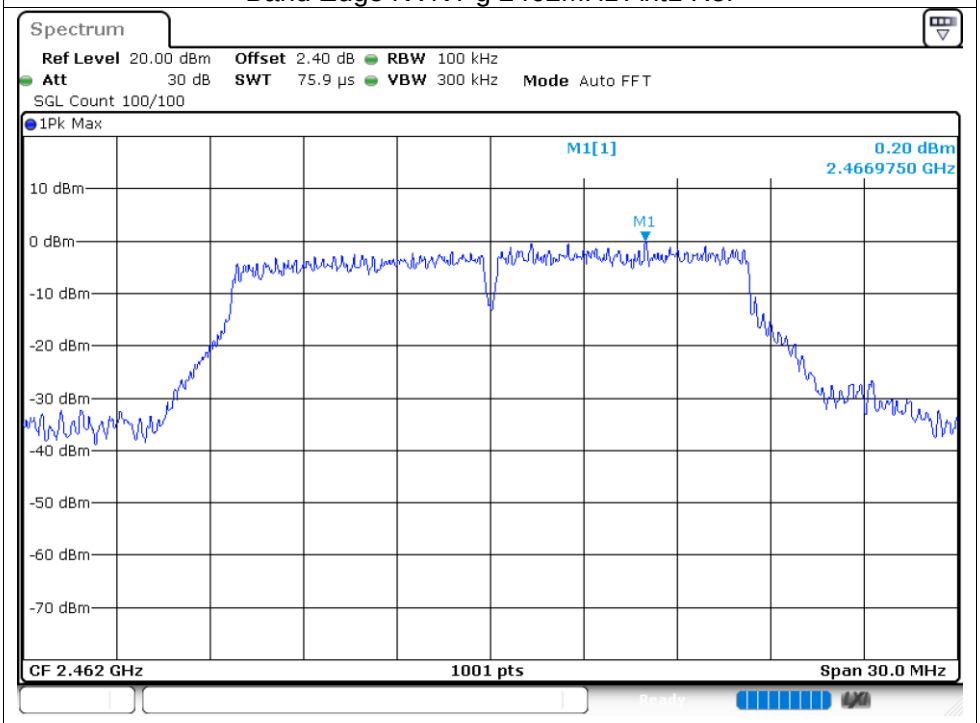
Band Edge NVNT g 2412MHz Ant1 Ref



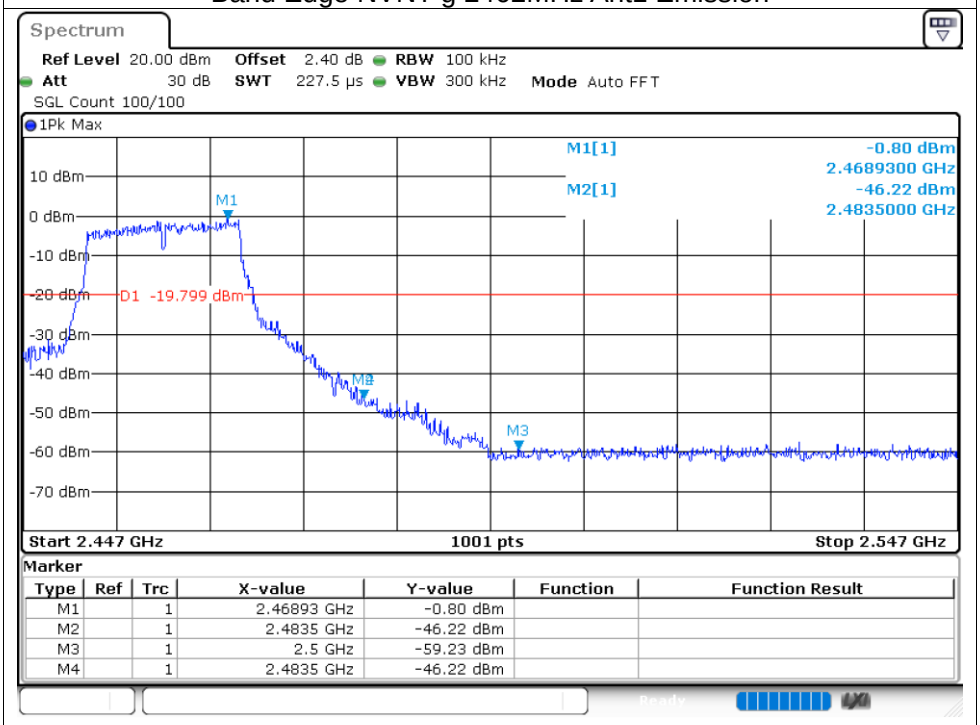
Band Edge NVNT g 2412MHz Ant1 Emission



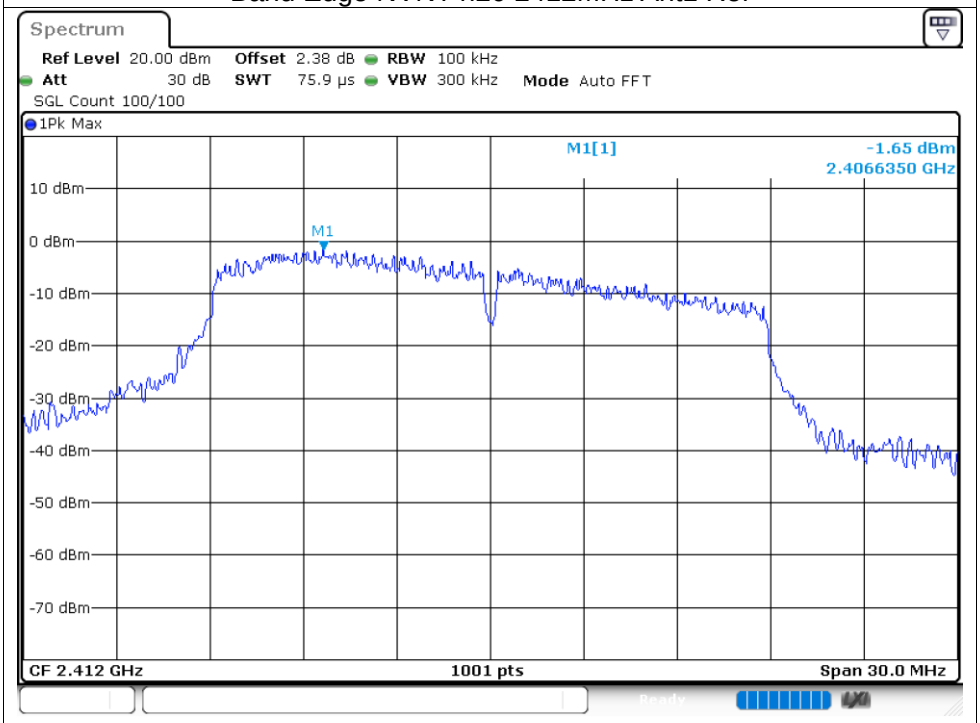
Band Edge NVNT g 2462MHz Ant1 Ref



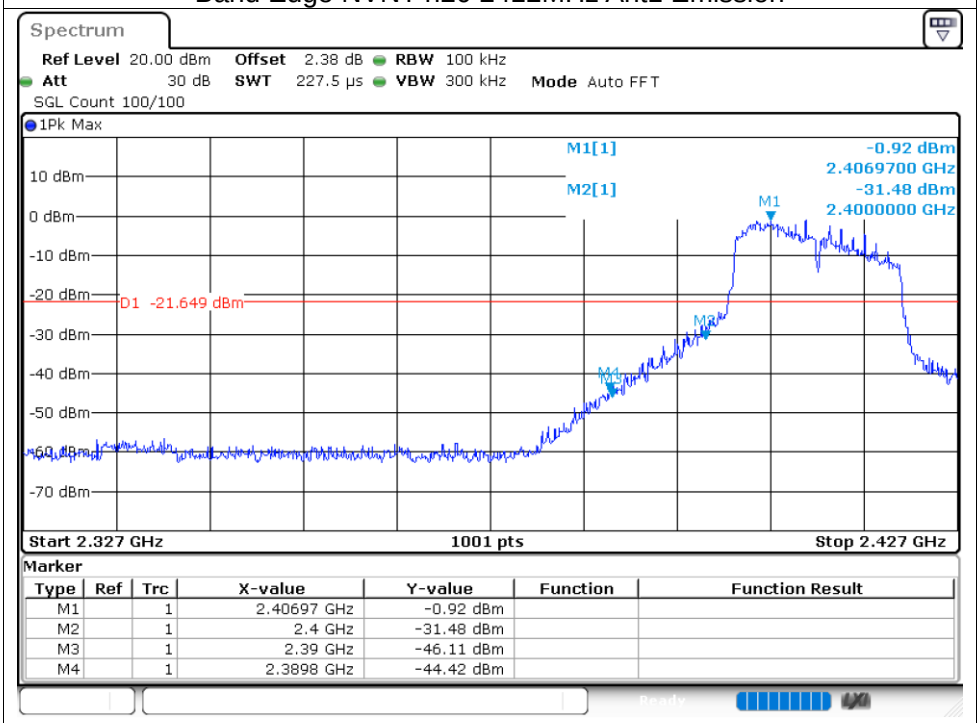
Band Edge NVNT g 2462MHz Ant1 Emission



Band Edge NVNT n20 2412MHz Ant1 Ref



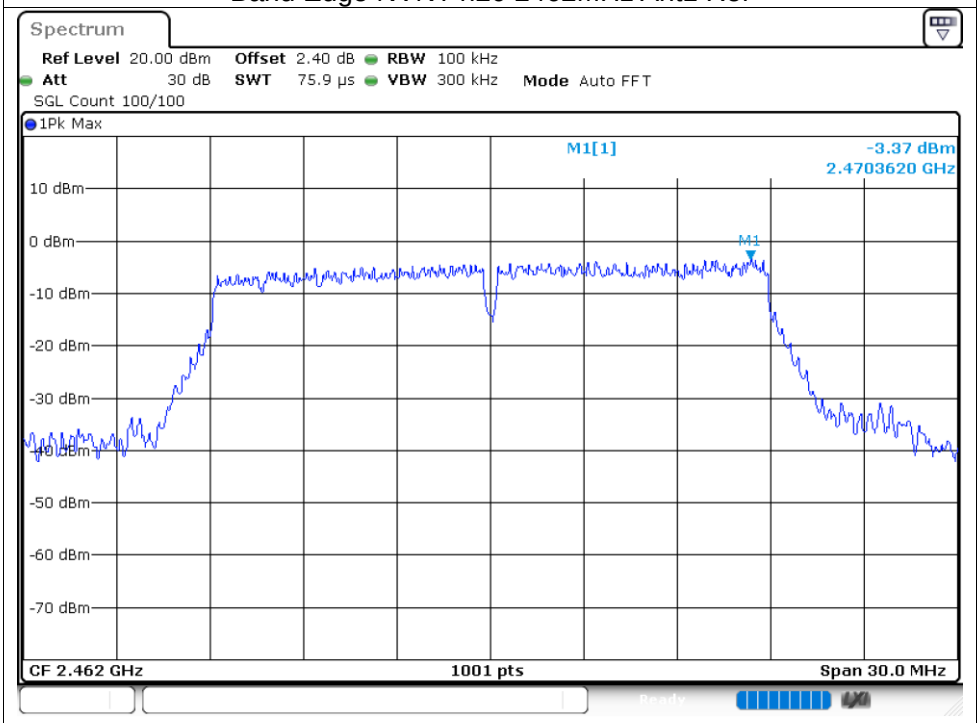
Band Edge NVNT n20 2412MHz Ant1 Emission



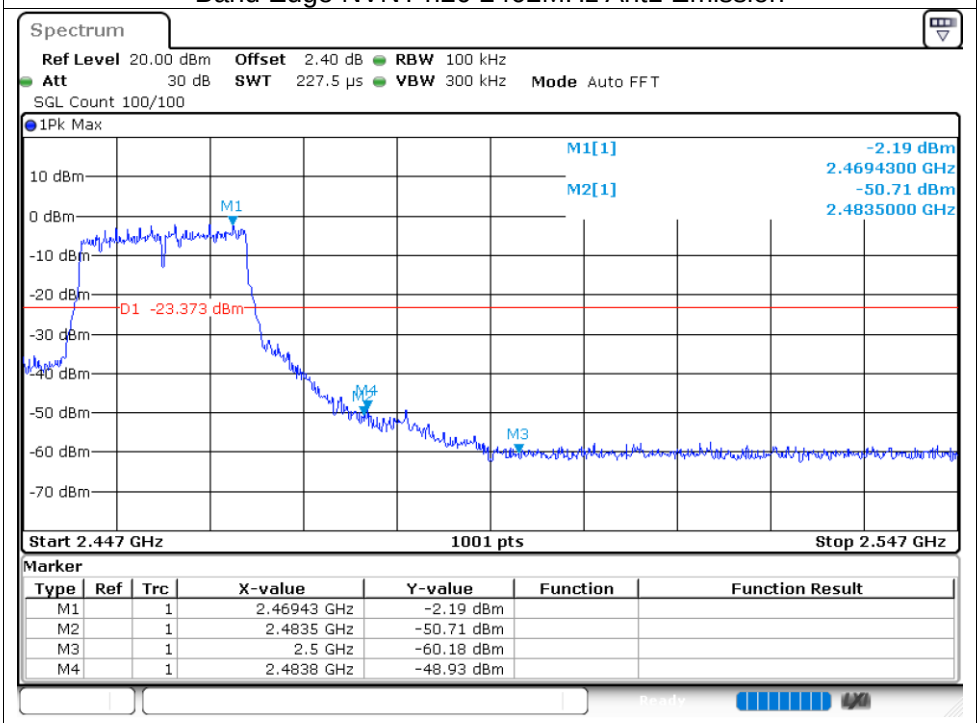
Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.40697 GHz	-0.92 dBm		
M2		1	2.4 GHz	-31.48 dBm		
M3		1	2.39 GHz	-46.11 dBm		
M4		1	2.3898 GHz	-44.42 dBm		

Band Edge NVNT n20 2462MHz Ant1 Ref



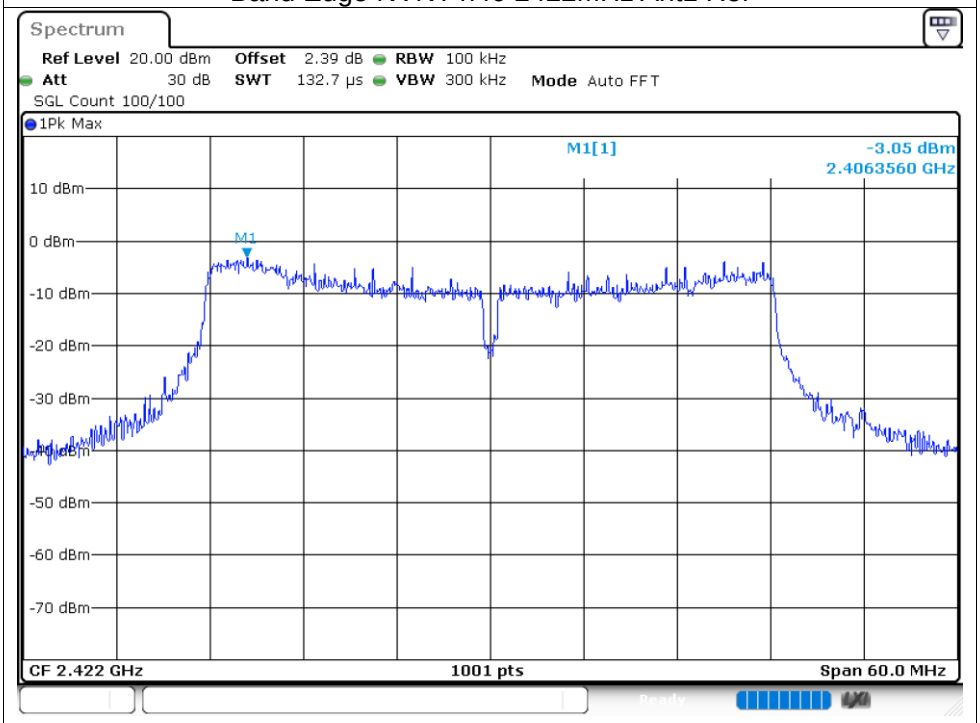
Band Edge NVNT n20 2462MHz Ant1 Emission



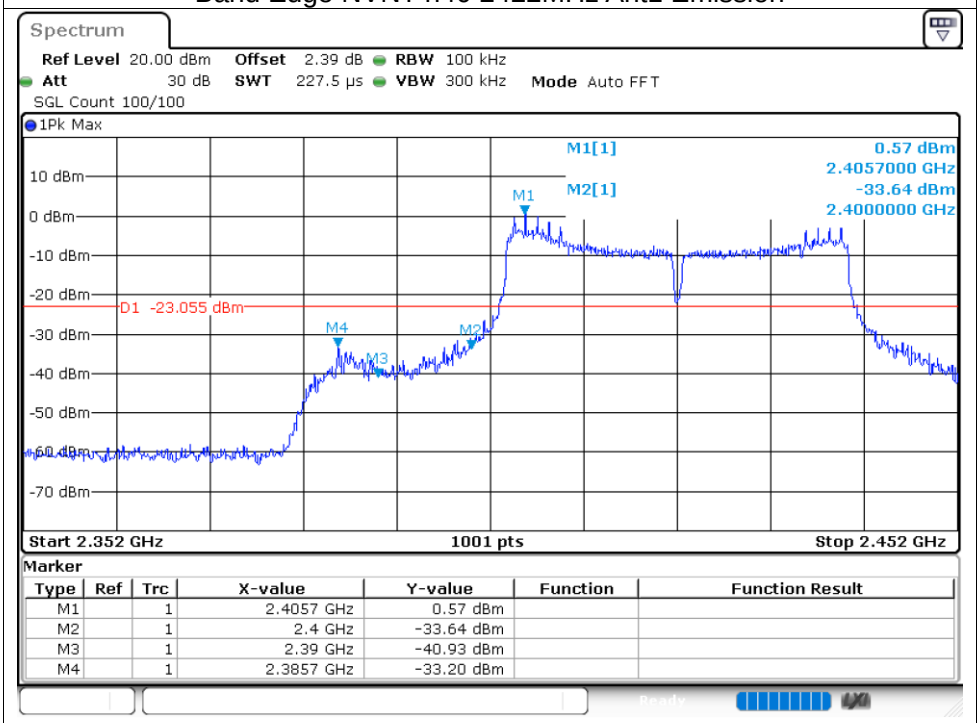
Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.46943 GHz	-2.19 dBm		
M2		1	2.4835 GHz	-50.71 dBm		
M3		1	2.5 GHz	-60.18 dBm		
M4		1	2.4838 GHz	-48.93 dBm		

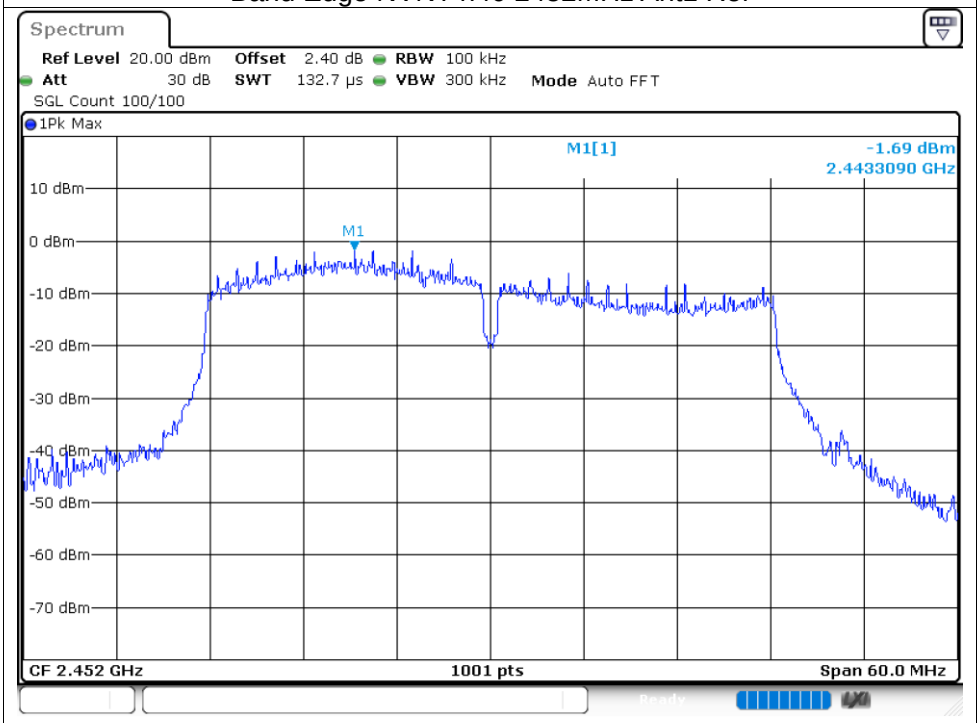
Band Edge NVNT n40 2422MHz Ant1 Ref



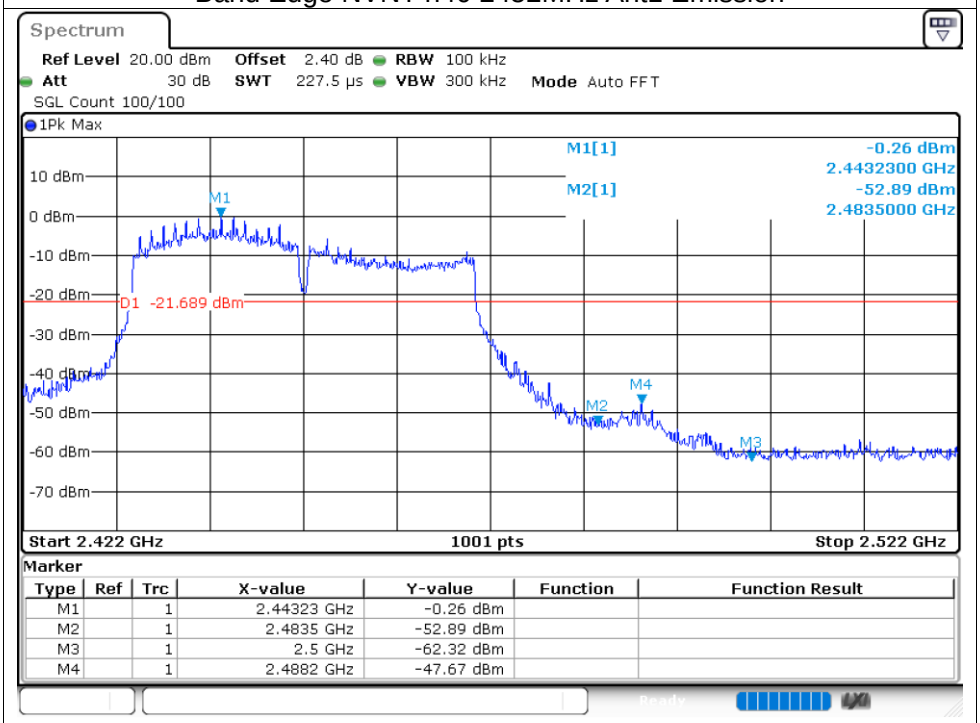
Band Edge NVNT n40 2422MHz Ant1 Emission



Band Edge NVNT n40 2452MHz Ant1 Ref



Band Edge NVNT n40 2452MHz Ant1 Emission



Marker

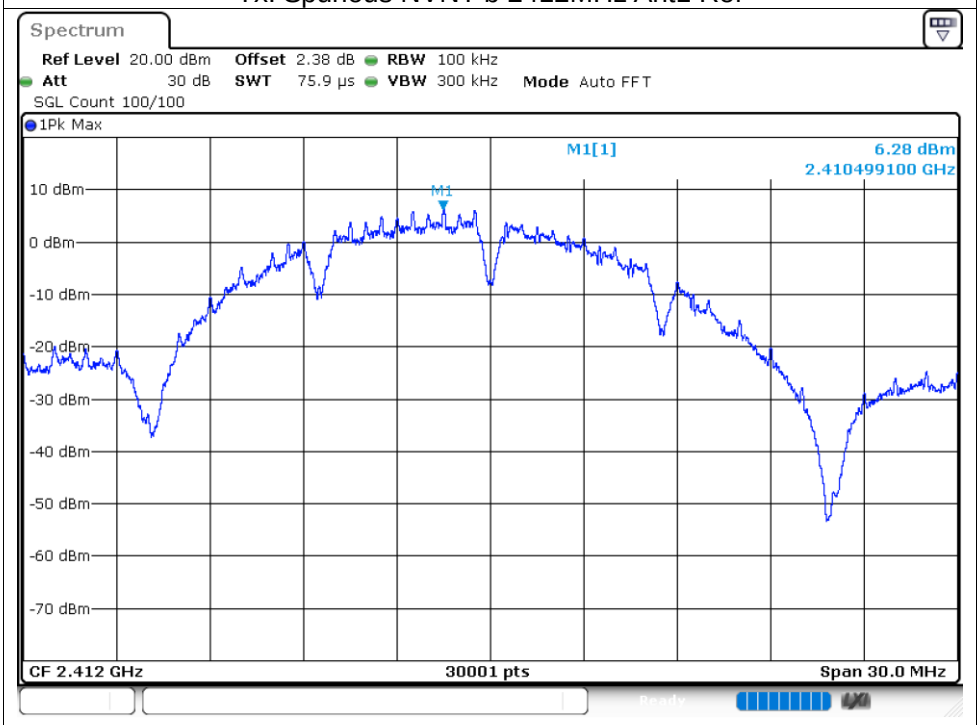
Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.44323 GHz	-0.26 dBm		
M2		1	2.4835 GHz	-52.89 dBm		
M3		1	2.5 GHz	-62.32 dBm		
M4		1	2.4882 GHz	-47.67 dBm		

8.7 CONDUCTED RF SPURIOUS EMISSION

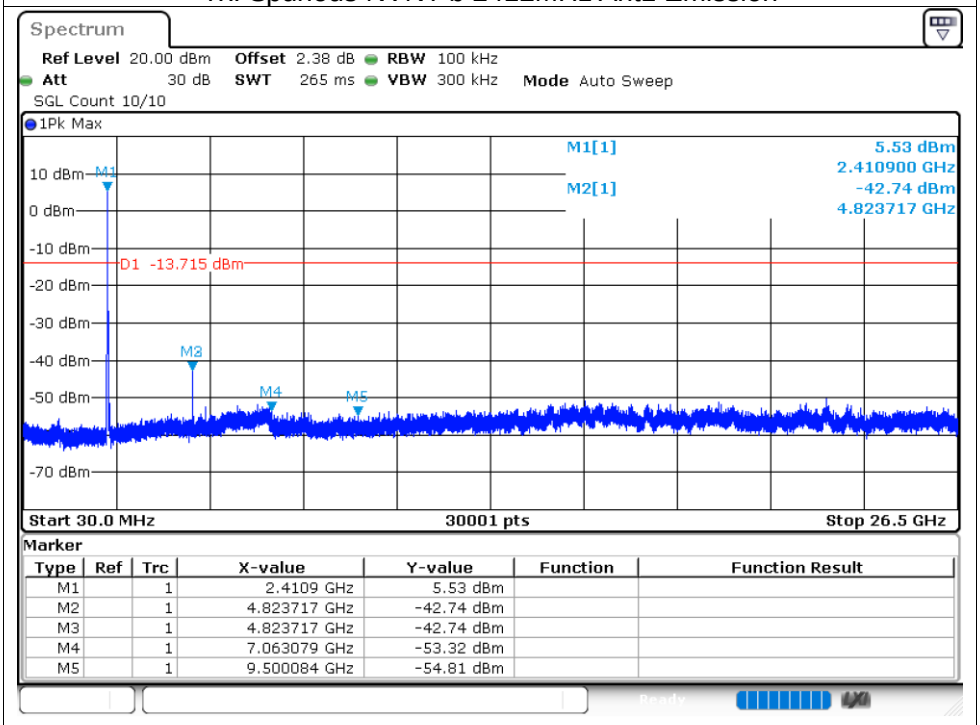
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	b	2412	Ant1	-49.02	-20	Pass
NVNT	b	2437	Ant1	-52.77	-20	Pass
NVNT	b	2462	Ant1	-49.32	-20	Pass
NVNT	g	2412	Ant1	-51.42	-20	Pass
NVNT	g	2437	Ant1	-52.28	-20	Pass
NVNT	g	2462	Ant1	-50.51	-20	Pass
NVNT	n20	2412	Ant1	-49.68	-20	Pass
NVNT	n20	2437	Ant1	-48.48	-20	Pass
NVNT	n20	2462	Ant1	-47.38	-20	Pass
NVNT	n40	2422	Ant1	-48.28	-20	Pass
NVNT	n40	2437	Ant1	-51.76	-20	Pass
NVNT	n40	2452	Ant1	-48.84	-20	Pass

Test Graphs

Tx. Spurious NVNT b 2412MHz Ant1 Ref



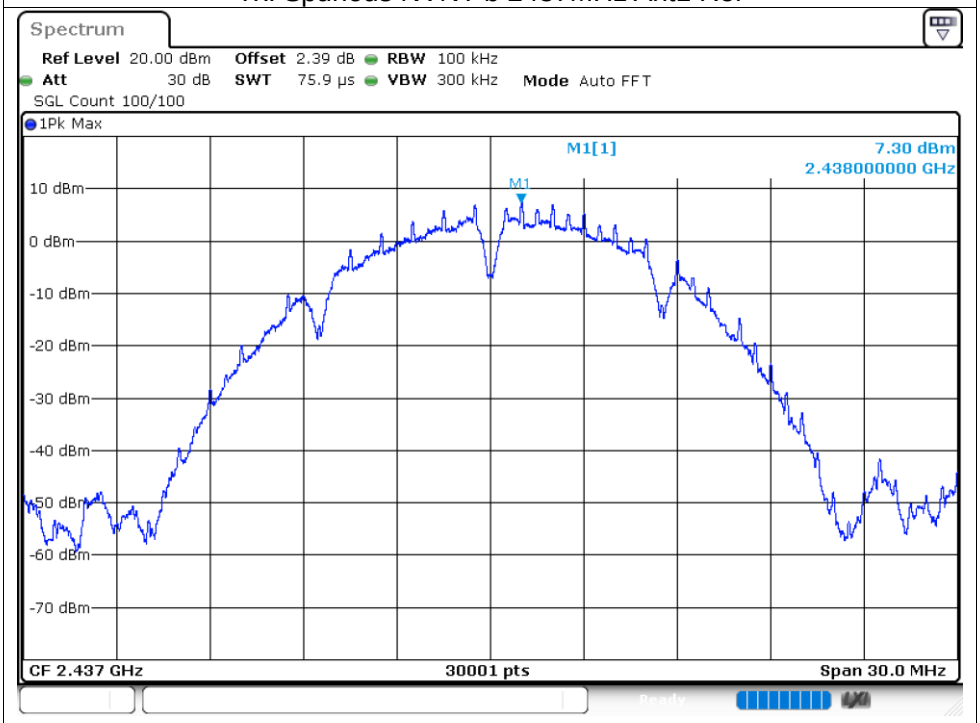
Tx. Spurious NVNT b 2412MHz Ant1 Emission



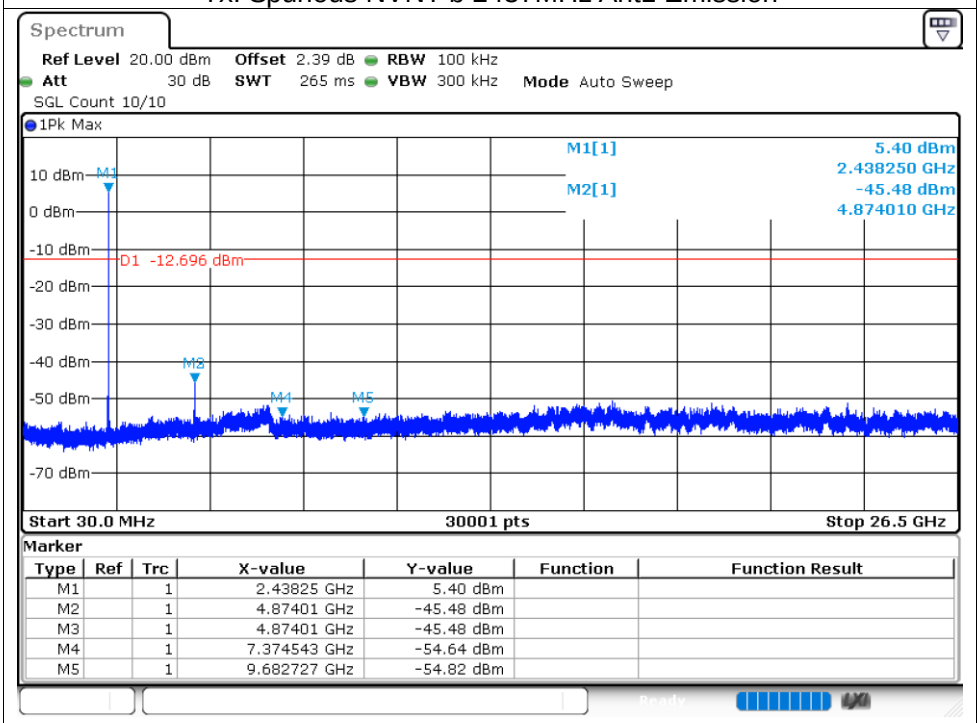
Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.4109 GHz	5.53 dBm		
M2		1	4.823717 GHz	-42.74 dBm		
M3		1	4.823717 GHz	-42.74 dBm		
M4		1	7.063079 GHz	-53.32 dBm		
M5		1	9.500084 GHz	-54.81 dBm		

Tx. Spurious NVNT b 2437MHz Ant1 Ref



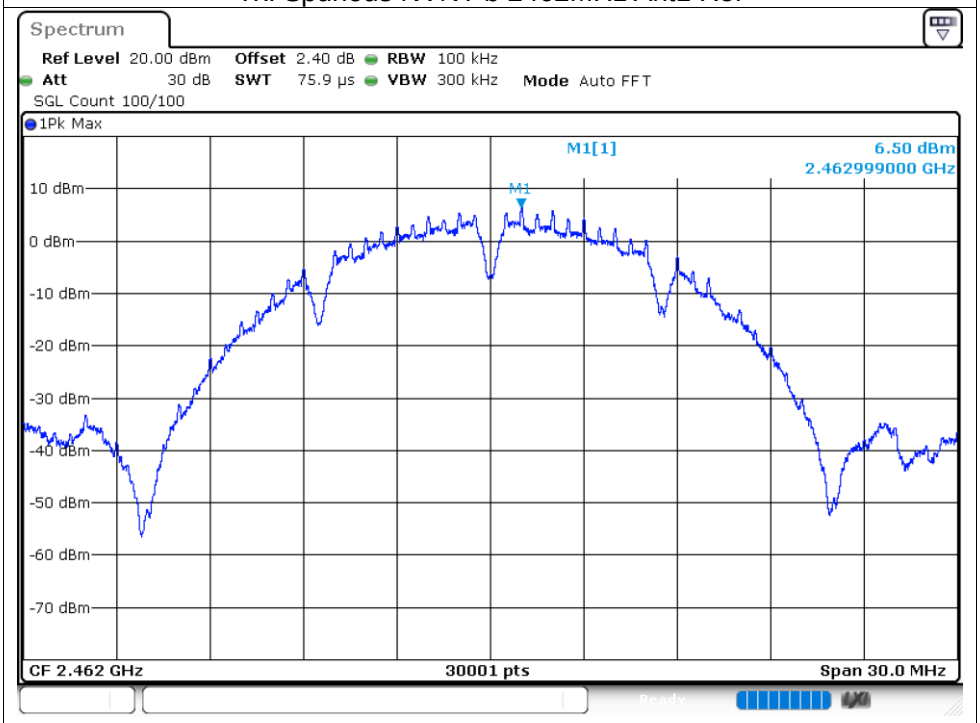
Tx. Spurious NVNT b 2437MHz Ant1 Emission



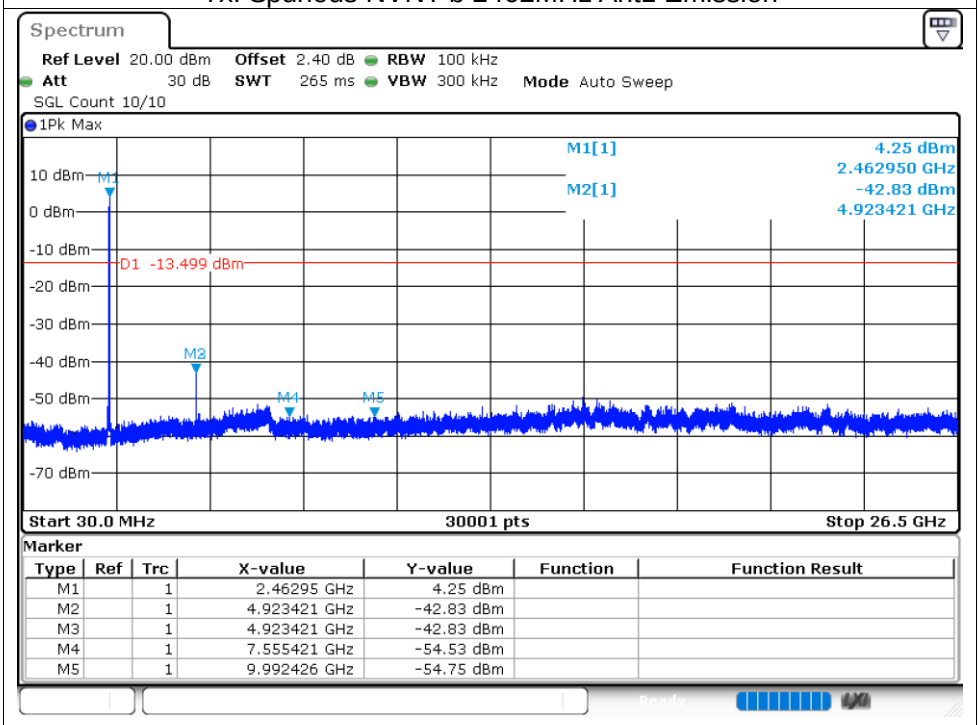
Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.43825 GHz	5.40 dBm		
M2		1	4.87401 GHz	-45.48 dBm		
M3		1	4.87401 GHz	-45.48 dBm		
M4		1	7.374543 GHz	-54.64 dBm		
M5		1	9.682727 GHz	-54.82 dBm		

Tx. Spurious NVNT b 2462MHz Ant1 Ref



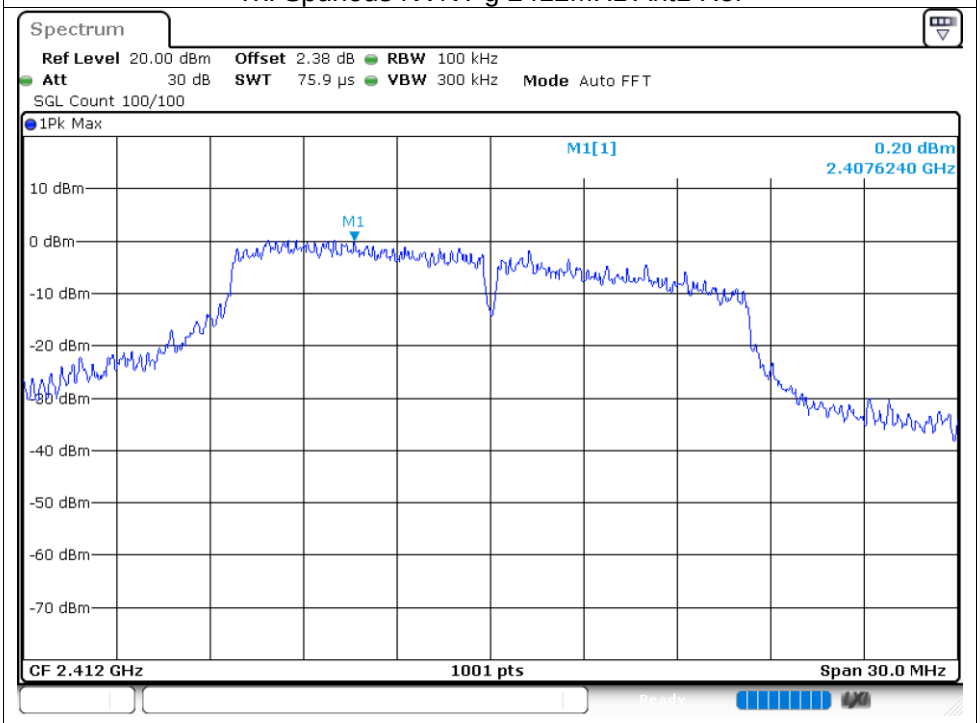
Tx. Spurious NVNT b 2462MHz Ant1 Emission



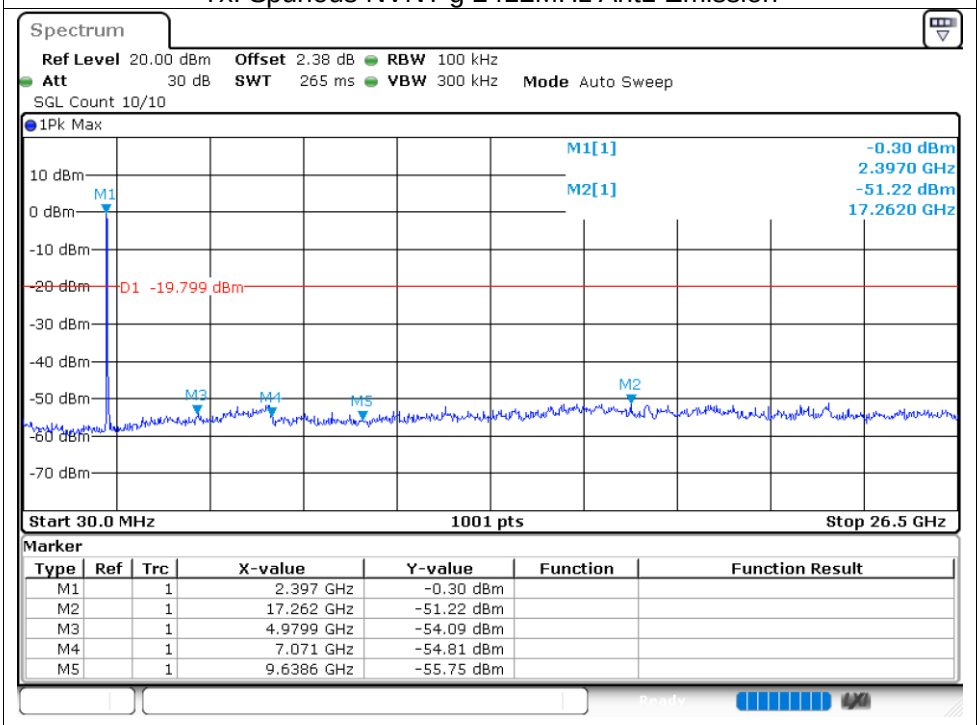
Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.46295 GHz	4.25 dBm		
M2		1	4.923421 GHz	-42.83 dBm		
M3		1	4.923421 GHz	-42.83 dBm		
M4		1	7.555421 GHz	-54.53 dBm		
M5		1	9.992426 GHz	-54.75 dBm		

Tx. Spurious NVNT g 2412MHz Ant1 Ref



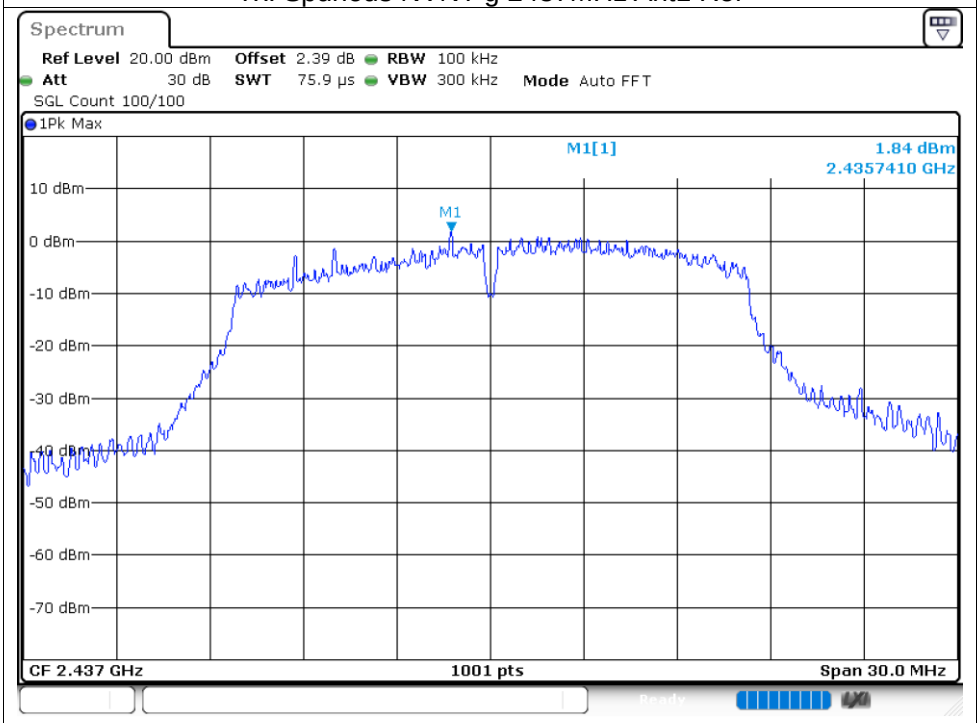
Tx. Spurious NVNT g 2412MHz Ant1 Emission



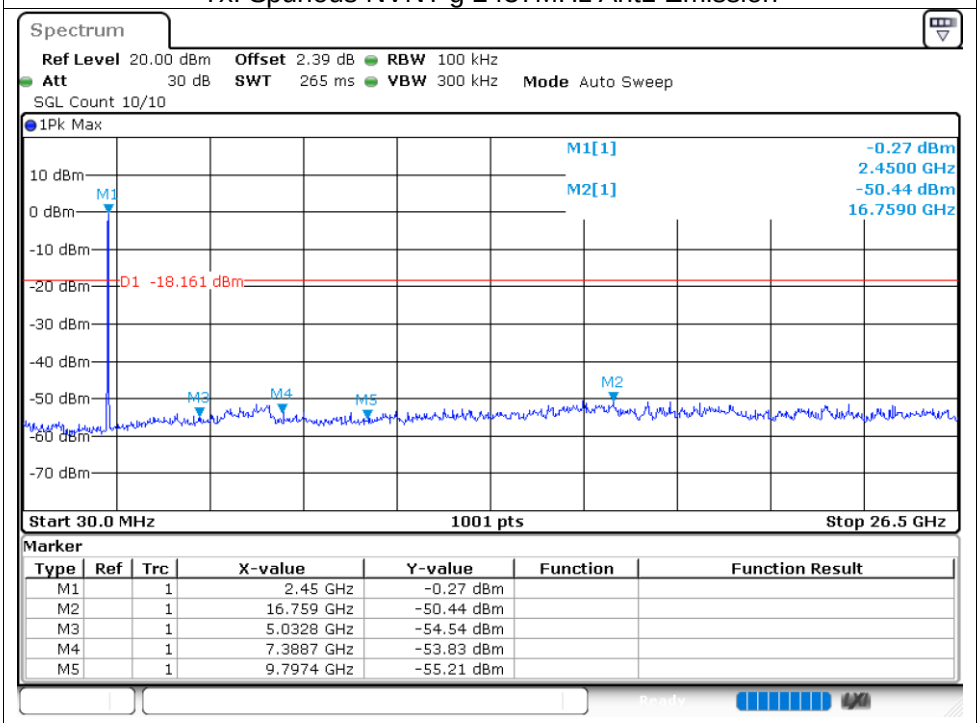
Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.397 GHz	-0.30 dBm		
M2		1	17.262 GHz	-51.22 dBm		
M3		1	4.9799 GHz	-54.09 dBm		
M4		1	7.071 GHz	-54.81 dBm		
M5		1	9.6386 GHz	-55.75 dBm		

Tx. Spurious NVNT g 2437MHz Ant1 Ref



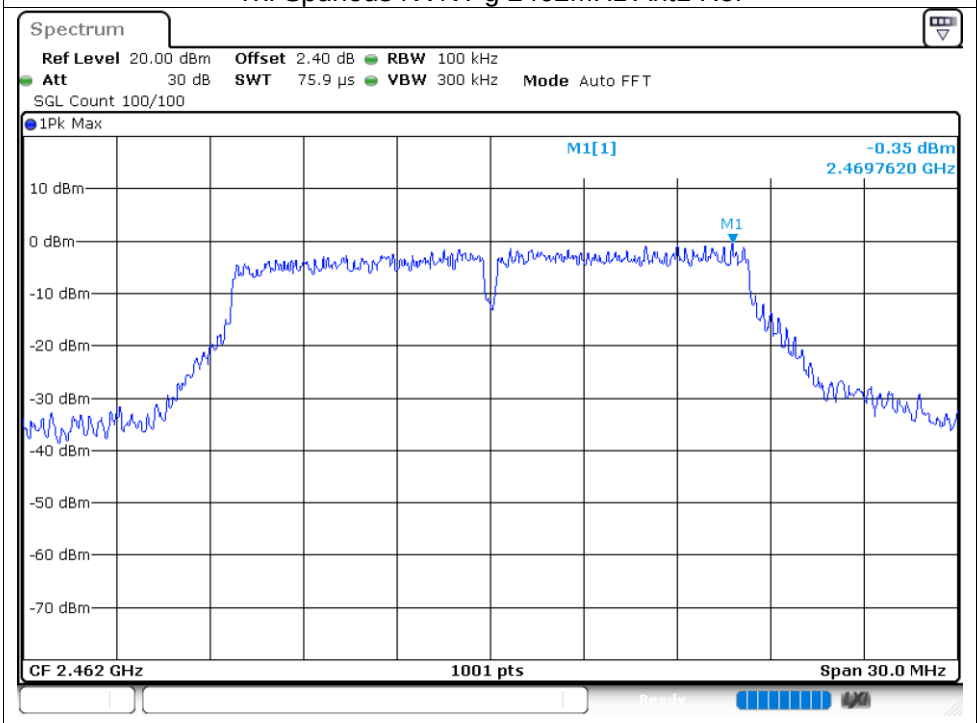
Tx. Spurious NVNT g 2437MHz Ant1 Emission



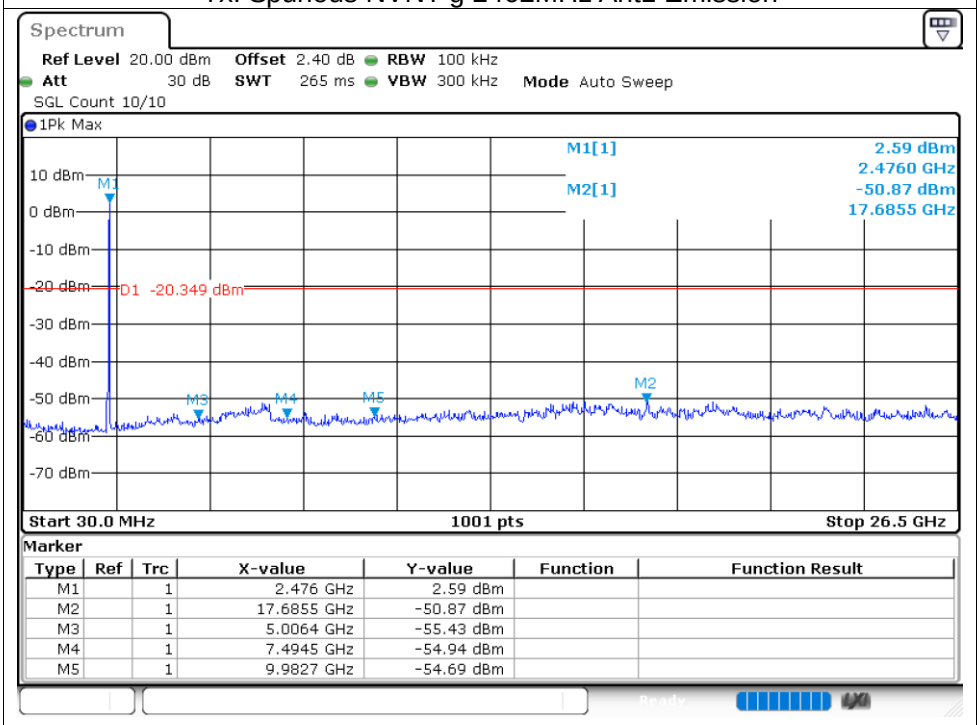
Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.45 GHz	-0.27 dBm		
M2		1	16.759 GHz	-50.44 dBm		
M3		1	5.0328 GHz	-54.54 dBm		
M4		1	7.3887 GHz	-53.83 dBm		
M5		1	9.7974 GHz	-55.21 dBm		

Tx. Spurious NVNT g 2462MHz Ant1 Ref



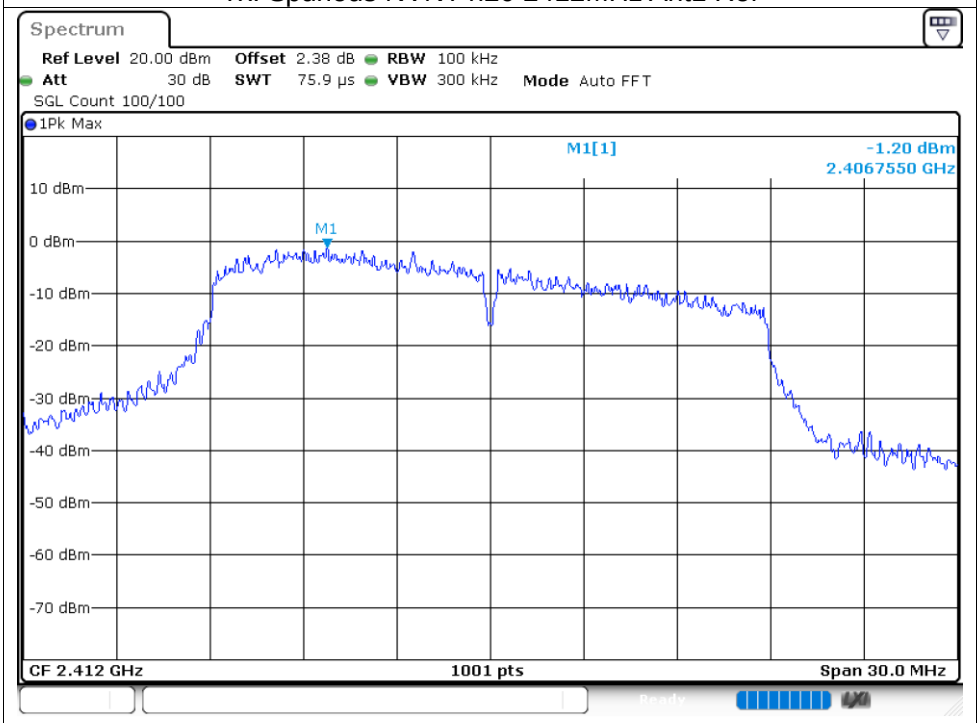
Tx. Spurious NVNT g 2462MHz Ant1 Emission



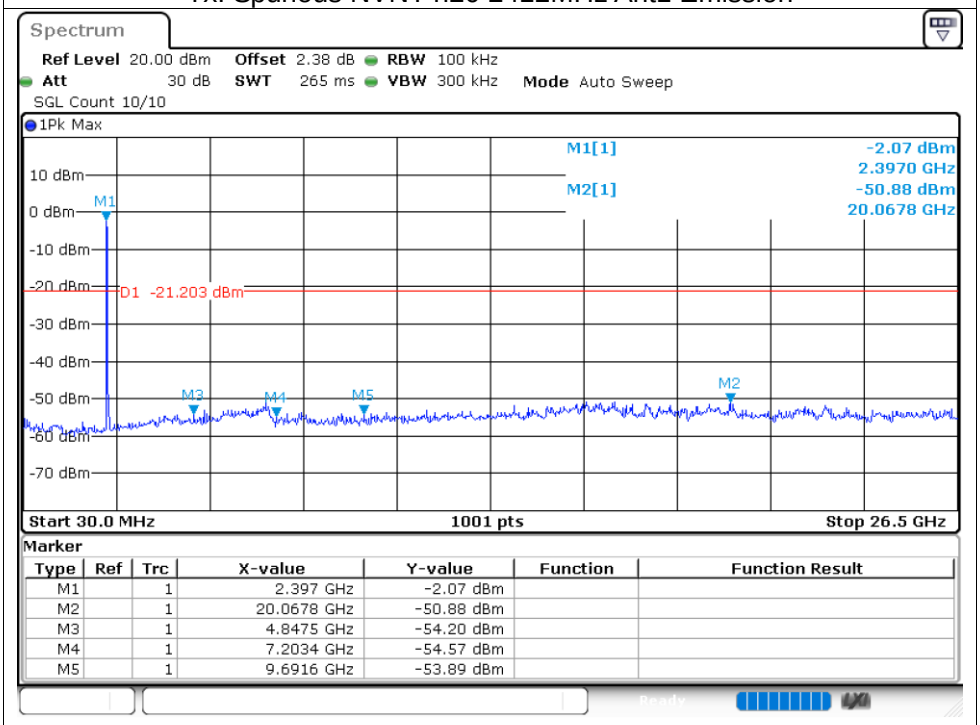
Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.476 GHz	2.59 dBm		
M2		1	17.6855 GHz	-50.87 dBm		
M3		1	5.0064 GHz	-55.43 dBm		
M4		1	7.4945 GHz	-54.94 dBm		
M5		1	9.9827 GHz	-54.69 dBm		

Tx. Spurious NVNT n20 2412MHz Ant1 Ref



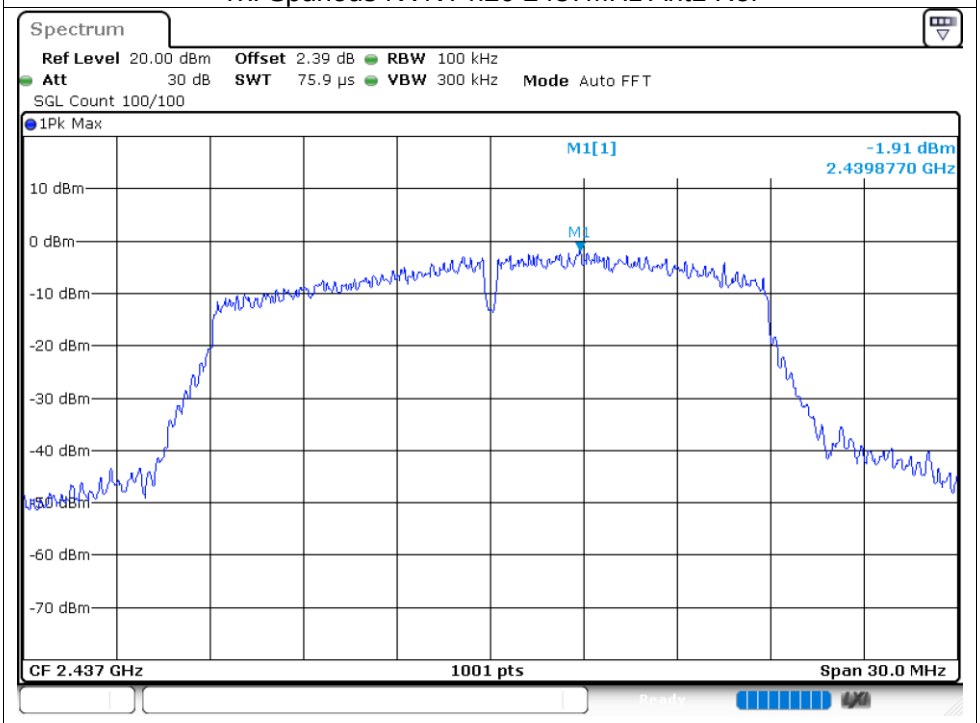
Tx. Spurious NVNT n20 2412MHz Ant1 Emission



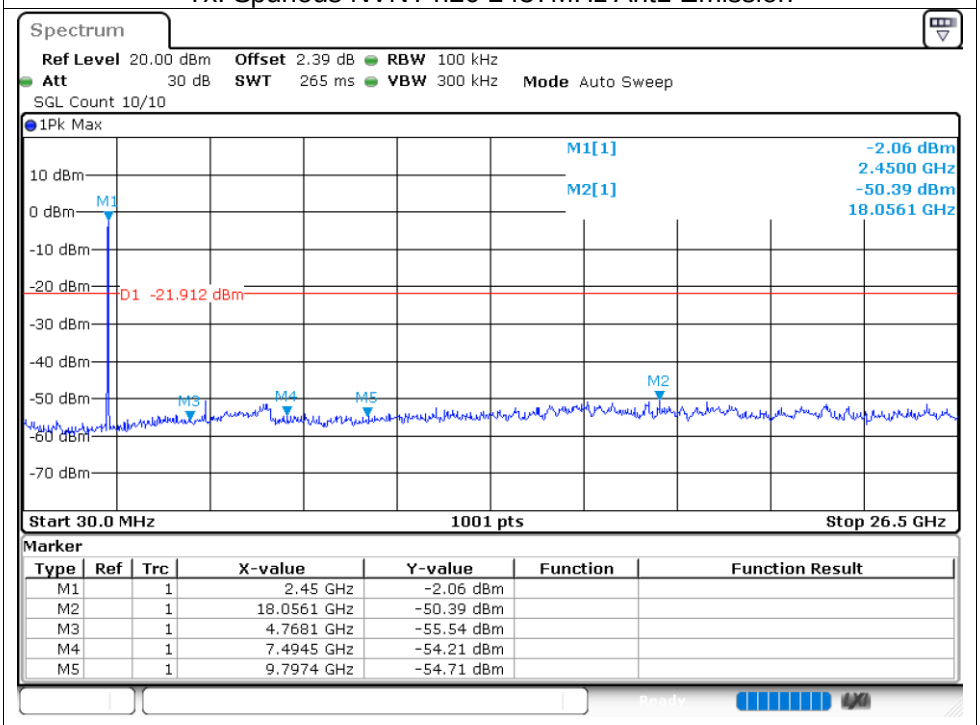
Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.397 GHz	-2.07 dBm		
M2		1	20.0678 GHz	-50.88 dBm		
M3		1	4.8475 GHz	-54.20 dBm		
M4		1	7.2034 GHz	-54.57 dBm		
M5		1	9.6916 GHz	-53.89 dBm		

Tx. Spurious NVNT n20 2437MHz Ant1 Ref



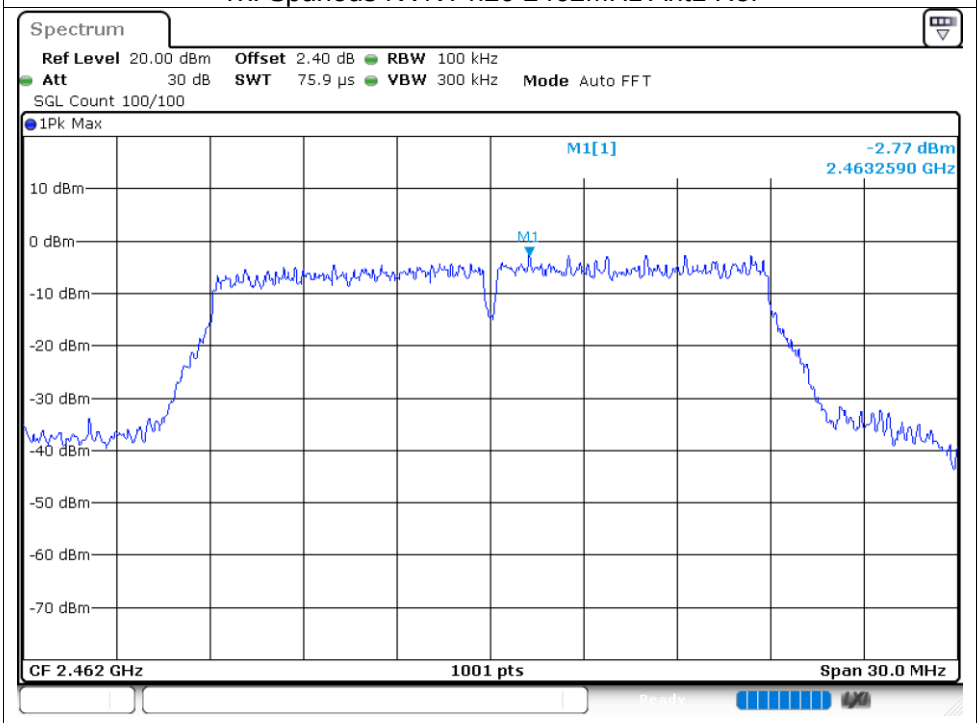
Tx. Spurious NVNT n20 2437MHz Ant1 Emission



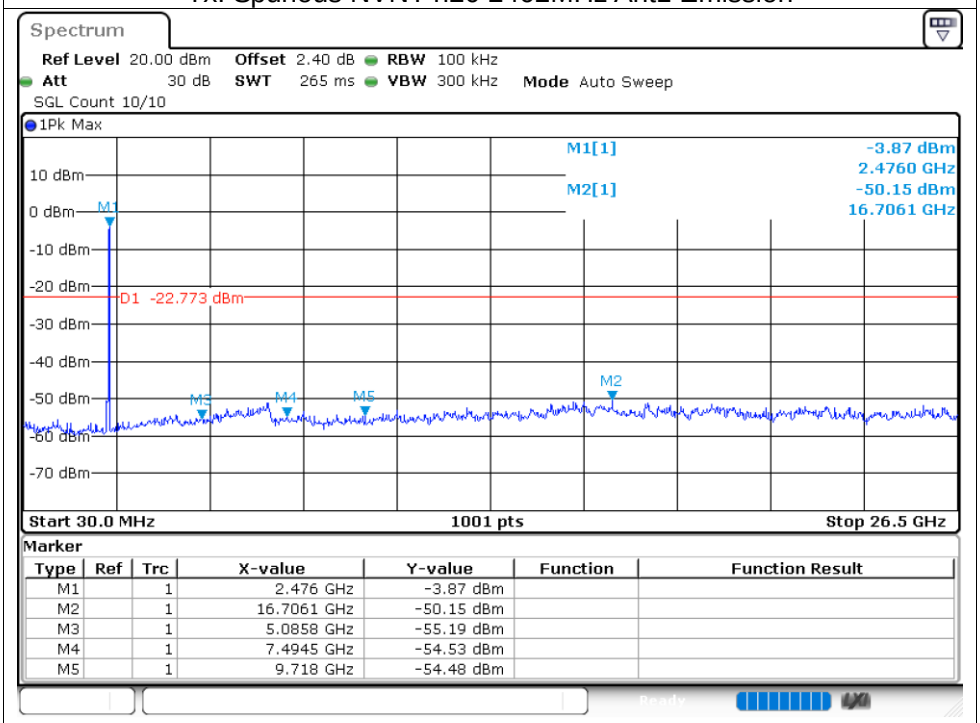
Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.45 GHz	-2.06 dBm		
M2		1	18.0561 GHz	-50.39 dBm		
M3		1	4.7681 GHz	-55.54 dBm		
M4		1	7.4945 GHz	-54.21 dBm		
M5		1	9.7974 GHz	-54.71 dBm		

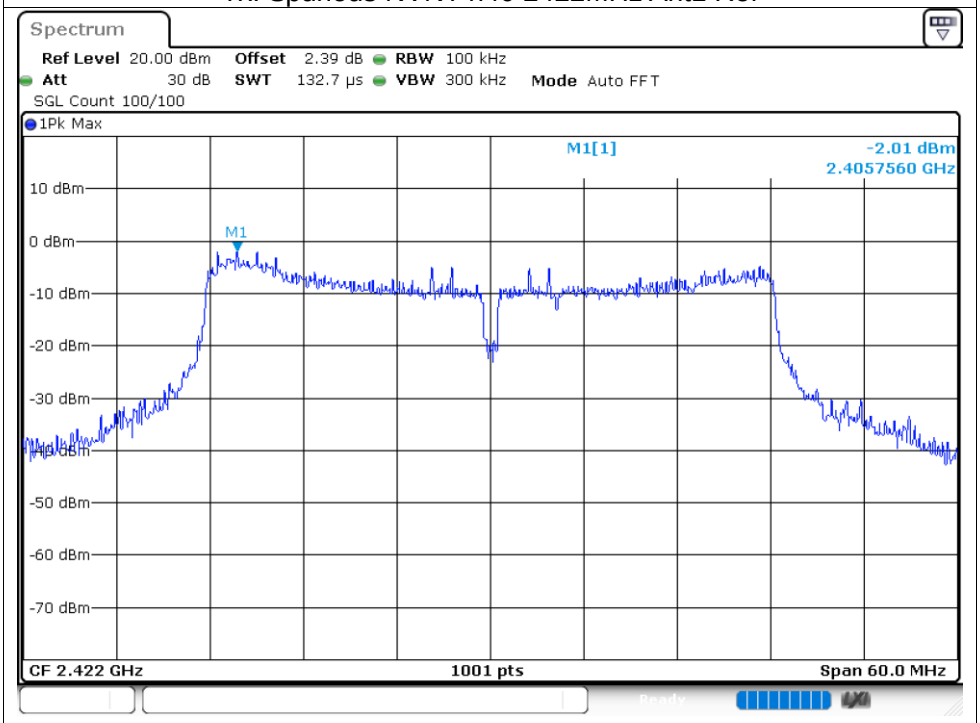
Tx. Spurious NVNT n20 2462MHz Ant1 Ref



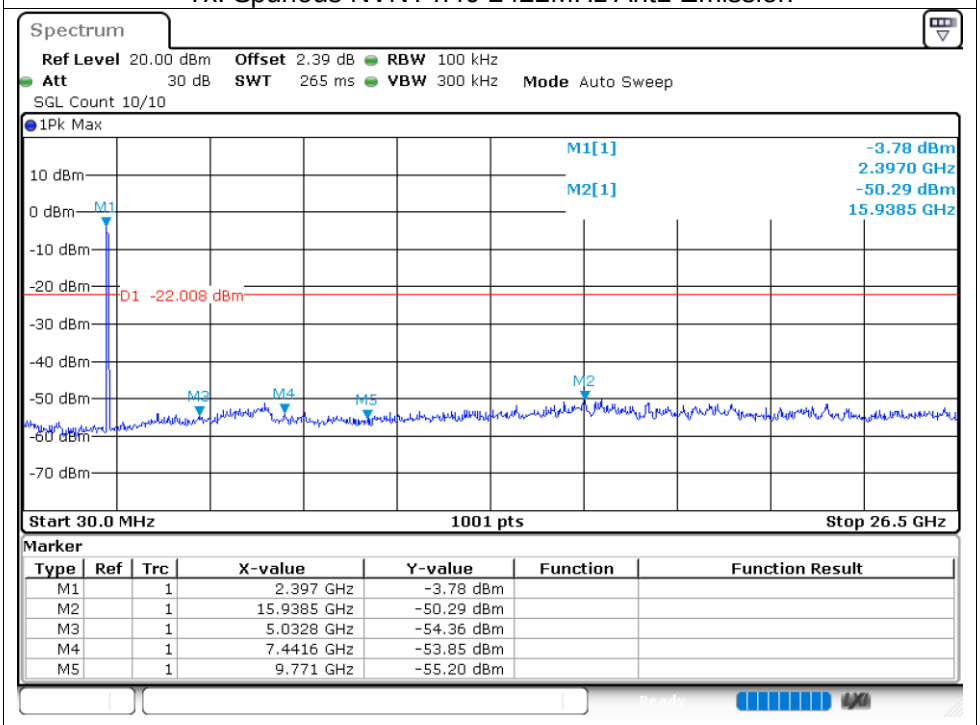
Tx. Spurious NVNT n20 2462MHz Ant1 Emission



Tx. Spurious NVNT n40 2422MHz Ant1 Ref



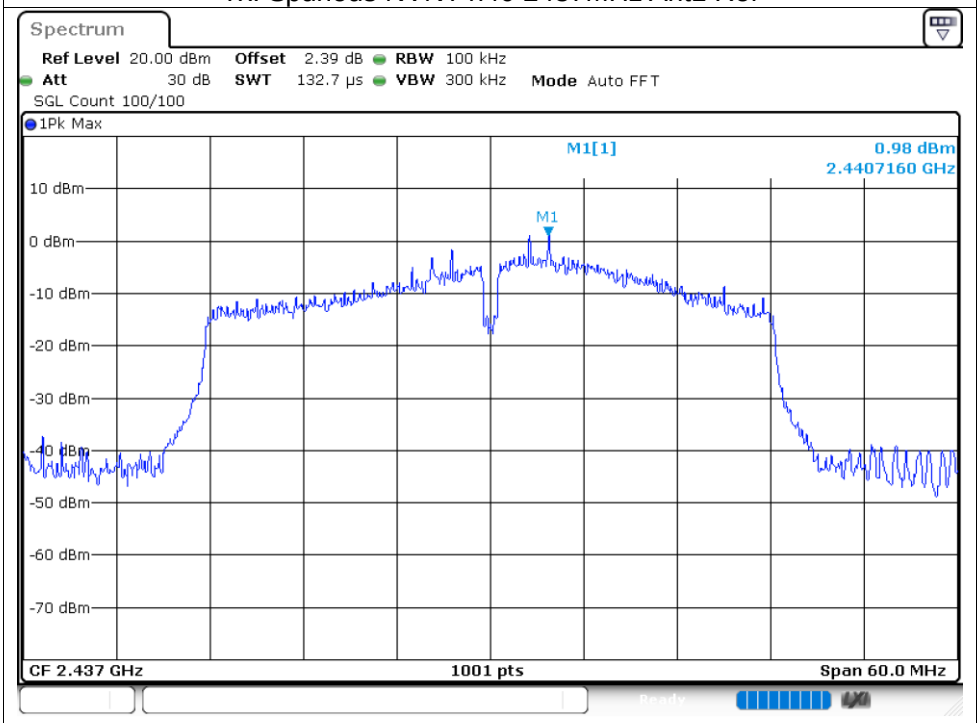
Tx. Spurious NVNT n40 2422MHz Ant1 Emission



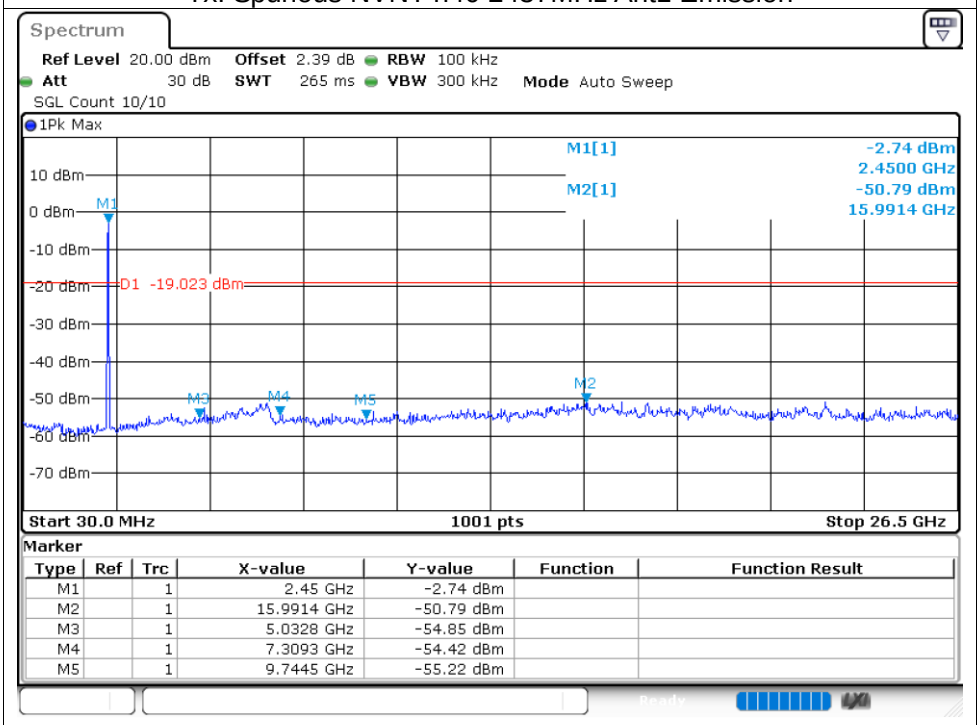
Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.397 GHz	-3.78 dBm		
M2		1	15.9385 GHz	-50.29 dBm		
M3		1	5.0328 GHz	-54.36 dBm		
M4		1	7.4416 GHz	-53.85 dBm		
M5		1	9.771 GHz	-55.20 dBm		

Tx. Spurious NVNT n40 2437MHz Ant1 Ref



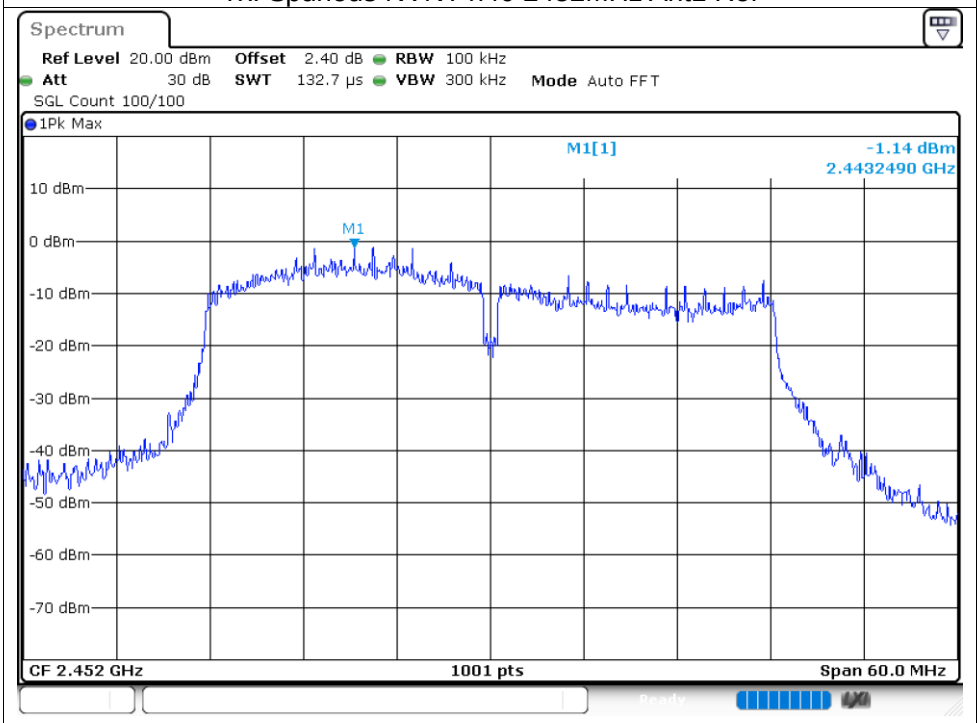
Tx. Spurious NVNT n40 2437MHz Ant1 Emission



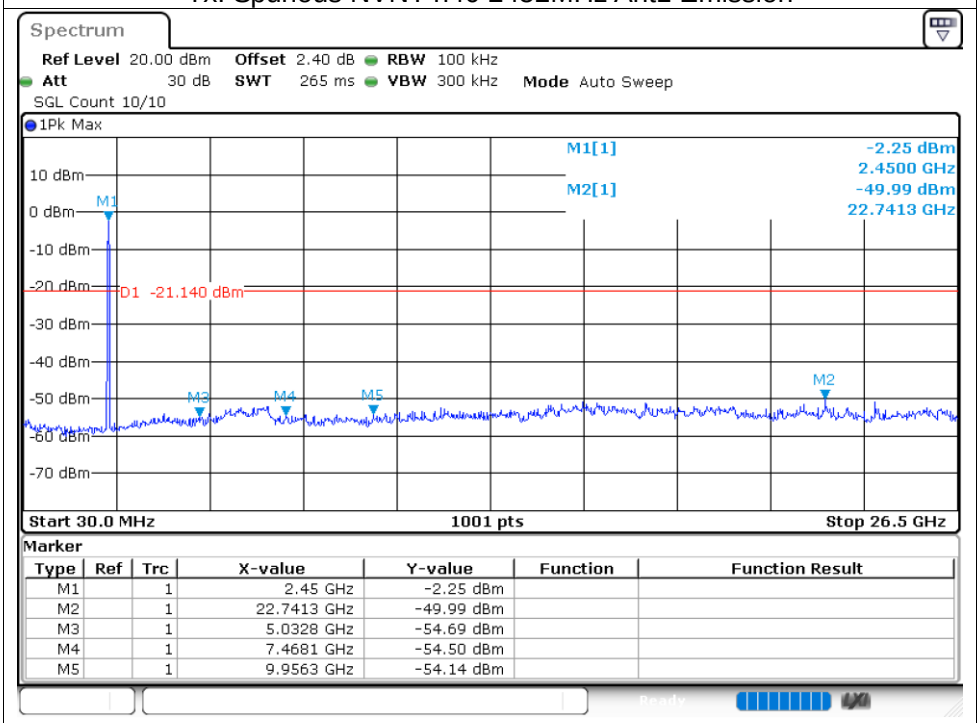
Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.45 GHz	-2.74 dBm		
M2		1	15.9914 GHz	-50.79 dBm		
M3		1	5.0328 GHz	-54.85 dBm		
M4		1	7.3093 GHz	-54.42 dBm		
M5		1	9.7445 GHz	-55.22 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	-2.25 dBm		
M2		1	22.7413 GHz	-49.99 dBm		
M3		1	5.0328 GHz	-54.69 dBm		
M4		1	7.4681 GHz	-54.50 dBm		
M5		1	9.9563 GHz	-54.14 dBm		

END OF REPORT